SAR TEST REPORT

Application No.:	KSCR2309001551AT
Applicant:	MeiG Smart Technology Co., Ltd
Address of Applicant:	2nd Floor, Office Building,No.5 Lingxia Road, Fenghuang,Fuyong Street, Bao 'an District, shenzhen, China
Manufacturer:	MeiG Smart Technology Co., Ltd
Address of Manufacturer:	2nd Floor, Office Building,No.5 Lingxia Road, Fenghuang,Fuyong Street, Bao 'an District, shenzhen, China
Product Name:	Multi-mode 5G/LTE Smart Module
Model No.(EUT):	SRM955
FCC ID:	2APJ4-SRM955
Standard(s) :	FCC 47CFR §2.1093
Date of Receipt:	2023-09-01
Date of Test:	2023-12-13 to 2024-03-22
Date of Issue:	2024-06-05
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

REVISION HISTORY

Revision Record			
Version	**Description**	**Date**	**Remark**
00	Original	2024-06-05	/

Authorized for issue by:				
Tested By				
		Richard.Kong /Project Engineer		
Approved By				
		Terry Hou /Reviewer		

TEST SUMMARY

Frequency Band	Maximum Reported SAR(W/kg)			
	Head	Body	Hotspot	Extremity 10-g
GSM850	0.13	0.12	0.17	/
GSM1900	0.17	0.86	0.81	2.22
WCDMA Band II	0.21	0.74	0.66	2.47
WCDMA Band IV	0.06	0.74	0.59	/
WCDMA Band V	0.13	0.12	0.19	/
LTE Band 2	0.76	0.48	0.34	/
LTE Band 5	0.10	0.09	0.14	/
LTE Band 7	0.03	0.40	0.86	/
LTE Band 12	0.05	0.13	0.16	/
LTE Band 13	0.09	0.11	0.15	/
LTE Band 14	0.10	0.11	0.14	/
LTE Band 25	0.20	0.72	0.79	2.32
LTE Band 30	0.43	0.30	0.47	/
LTE Band 41	0.04	0.37	0.67	/
LTE Band 42	0.01	0.01	0.09	/
LTE Band 43	0.01	0.06	0.15	/
LTE Band 48	0.02	0.02	0.04	/
LTE Band 66	0.85	0.65	0.63	2.57
LTE Band 71	0.13	0.20	0.23	/
FR1 N5	0.09	0.09	0.13	/
FR1 N12	0.09	0.13	0.14	/
FR1 N25	0.90	0.89	0.75	2.30
FR1 N30	0.05	0.19	0.36	/
FR1 N41	0.16	0.55	0.53	2.51
FR1 N48	0.14	0.12	0.27	/
FR1 N66	0.67	0.66	0.50	2.67
FR1 N71	0.14	0.13	0.16	/
FR1 N77	0.89	0.95	0.78	2.65
WI-FI (2.4GHz)	0.27	0.13	0.21	/
WI-FI (5GHz)	0.02	0.21	0.40	0.55
Bluetooth	0.05	0.03	0.05	/
Sum.	1.49	1.59	1.59	3.82
SAR Limited(W/kg)	1.6	1.6	1.6	4.0

Note1: LTE B66 cover LTE B4, LTE B12 cover LTE B17, LTE B41 cover LTE B38,
FR1 N25 cover FR1 N2, FR1 N41 cover FR1 N38, FR1 N77 cover FR1 N78.

CONTENTS

1 General Information

1.1 General Description of EUT

Device Type:	Portable device		
Exposure Category:	Uncontrolled environment / general population		
SN:	AWN91121		
Hardware Version:	1.02		
Software Version:	MT918_EQ000_2774.3A84745.A0F816C.84C1BFC_231106_100_V01_T01		
Antenna Type:	LDS Antenna		
Device Operating Configurations :			
Modulation Mode:	GSM: GSM, 8PSK WCDMA: QPSK, BPSK, 16QAM LTE: QPSK,16QAM 5G NR（FDD 15SCS，TDD 30SCS） WIFI: CCK, DSSS, OFDM BT: GFSK, π/4DQPSK, 8DPSK BLE: GFSK		
Frequency Bands:	Band	Tx (MHz)	Rx (MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	WCDMA Band II	1850-1910	1930-1990
	WCDMA Band IV	1710-1755	2110- 2155
	WCDMA Band V	824-849	869-894
	LTE Band 2	1850-1910	1930-1990
	LTE Band 4	1710-1755	2110- 2155
	LTE Band 5	824-849	869-894
	LTE Band 7	2500-2570	2620- 2690
	LTE Band 12	699-716	729-746
	LTE Band 13	777-787	746-756
	LTE Band 14	788-798	758-768
	LTE Band 17	704-716	734-746
	LTE Band 25	1850-1915	1930-1995
	LTE Band 30	2305-2315	2350-2360
	LTE Band 38	2570~2620	2570~2620
	LTE Band 41	2496-2690	2496-2690
	LTE Band 42	3450-3550	3450-3550
	LTE Band 43	3600-3800	3600-3800
	LTE Band 48	3550-3700	3550-3700
	LTE Band 66	1710-1780	2110-2200
	LTE Band 71	663-698	617-652
	FR1 N2	1850-1910	1930-1990
	FR1 N5	1710-1785	1805-1880
	FR1 N12	699-716	729-746
	FR1 N25	1850-1915	1930-1995
	FR1 N30	2305-2315	2350-2360
	FR1 N38	2570~2620	2570~2620
	FR1 N41	2496-2690	2496-2690
	FR1 N48	3550-3700	3550-3700

	FR1 N66	1710-1780	2110-2200
	FR1 N71	663-698	617-652
	FR1 N77	3450-3980	3450-3980
	FR1 N78	3450-3800	3450-3800
	WIFI2.4G	2412-2462	2412-2462
	U-NII-1	5150-5250	5150-5250
	U-NII-2A	5250-5350	5250-5350
	U-NII-2C	5470-5725	5470-5725
	U-NII-3	5725~5850	5725~5850
	BT	2402-2480	2402-2480
Battery Information:	Model:	U-Link	
	Normal Voltage:	3.87V	
	Rated capacity:	4900mAh	
	Battery Type:	Rechargeable Polymer Li-ion Battery	
	Manufacturer:	ZHONGSHAN TIANMAO BATTERY CO., LTD.	

Antenna	Band
Ant0	GSM850, GSM1900, WCDMA Band II/ IV/ V, LTE Band 5/ 7/ 12/ 13/ 14/ 25/ 30/ 41/ 66/ 71, NR n5/ 12/ 25/ 30/ 41/ 66/ 71
Ant1	LTE Band 2/ 30/ 42/ 43/ 48, NR n25/ 30/ 41/ 48/ 77
Ant2	NR n41/ 77
Ant3	NR n41/ 77
Ant4	LTE Band 2/ 30/ 66, NR n25/ 66/ 77
Ant5	GNSS
Ant6	WIFI 2.4G, BT, WIFI 5G, WIFI 6E
Ant7	WIFI 2.4G, BT, WIFI 5G, WIFI 6E

ENDC:

Band/Antenna		NR n2		NR n5	NR n25			NR n30		NR n41	NR n48	NR n66		NR n71	NR n77
		Ant0	Ant1	Ant0	Ant0	Ant1	Ant4	Ant0	Ant1	Ant0	Ant1	Ant0	Ant4	Ant0	Ant1
LTE Band 2	Ant1			√										√	√
	Ant4							√		√	√	√			
LTE Band 5	Ant0		√						√						√
LTE Band 12	Ant0		√			√			√						√
LTE Band 13	Ant0	√													√
LTE Band 14	Ant0		√						√						√
LTE Band 30	Ant1			√											
	Ant4	√										√			
LTE Band 48	Ant1			√			√						√		
LTE Band 66	Ant4	√			√			√		√	√				√

1.1.1 DUT Antenna Locations

Please see the Appendix D

1.2 Test Specification

Identity	Document Title
FCC 47CFR §2.1093	Radio frequency Radiation Exposure Evaluation: Portable Devices
IEEE Std C95.1 – 1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz
IEEE 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
KDB 447498 D04	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
KDB 865664 D01 v01r04	SAR Measurement Requirements for 100 MHz to 6 GHz
KDB 865664 D02 v01r02	RF Exposure Compliance Reporting and Documentation Considerations
KDB 248227 D01 v02r02	SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS
KDB 616217 D04 v01r02	SAR EVALUATION CONSIDERATIONS FOR LAPTOP, NOTEBOOK, NETBOOK AND TABLET COMPUTERS
KDB 648474 D04 v01r03	SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS
KDB 941225 D01 v03r01	3G SAR Measurement Procedures
KDB 941225 D05 v02r05	SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES
KDB 941225 D06 v02r01	SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES

1.3 RF exposure limits

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR* (Brain*Trunk)	1.60 W/kg	8.00 W/kg
Spatial Average SAR** (Whole Body)	0.08 W/kg	0.40 W/kg
Spatial Peak SAR*** (Hands/Feet/Ankle/Wrist)	4.00 W/kg	20.00 W/kg

Notes:

* The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time

** The Spatial Average value of the SAR averaged over the whole body.

*** The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation.)

1.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g. max. clock frequency, highest internal frequency, antenna gain, cable loss, etc) is provided by the applicant. (if applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (if applicable).

3. Sample source: sent by customer.

1.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

• FCC

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

• ISED

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory. Company Number: 2324E

• VCCI

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

2 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25 °C
Relative humidity	Min. = 30%, Max. = 70%
Ground system resistance	< 0.5 Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

3 SAR Measurements System Configuration

3.1 The SAR Measurement System

This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY8 professional system). A E-field probe is used to determine the internal electric fields. The SAR can be obtained from the equation SAR= σ (|Ei|2)/ ρ where σ and ρ are the conductivity and mass density of the tissue-Simulate.

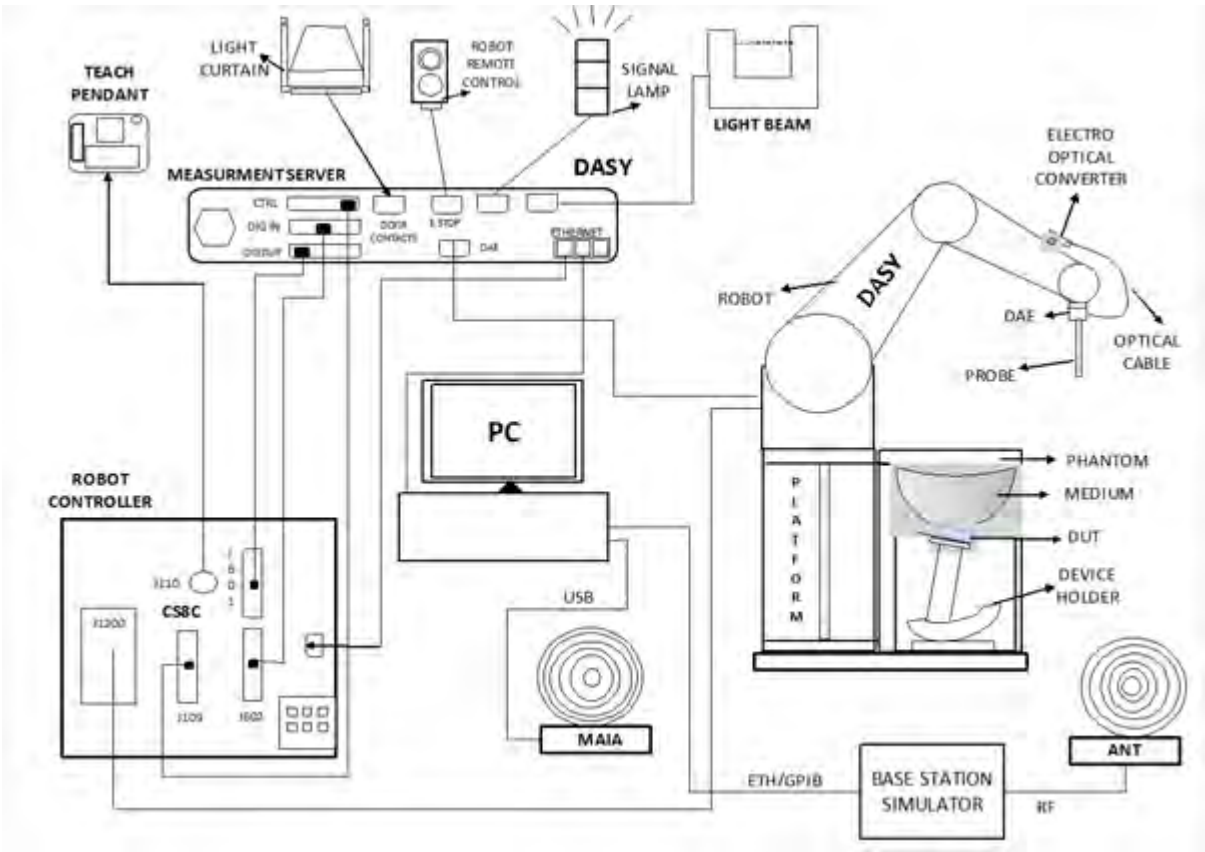
The DASY5 system for performing compliance tests consists of the following items:

A standard high precision 6-axis robot (Stabile RX family) with controller, teach pendant and software .An arm extension for accommodation the data acquisition electronics (DAE).

A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.

A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.



F-1. SAR Measurement System Configuration

- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
- A computer operating Windows 7.
- DASY5 software.
- Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
- The SAM twin phantom enabling testing left-hand, right-hand and Body Worn usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- Validation dipole kits allowing to validat the proper functioning of the system.

3.2 Isotropic E-field Probe EX3DV4

	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.3 dB in TSL (rotation around probe axis) ± 0.5 dB in TSL (rotation normal to probe axis)
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better 30%.
Compatibility	DASY3, DASY4, DASY52 SAR and higher, EASY4/MRI

3.3 Data Acquisition Electronics (DAE)

Model	DAE4
Construction	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY4/5 embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.
Measurement Range	-100 to +300 mV (16 bit resolution and two range settings: 4mV,400mV)
Input Offset Voltage	< 5µV (with auto zero)
Input Bias Current	< 50 f A
Dimensions	60 x 60 x 68 mm

3.4 SAM Twin Phantom

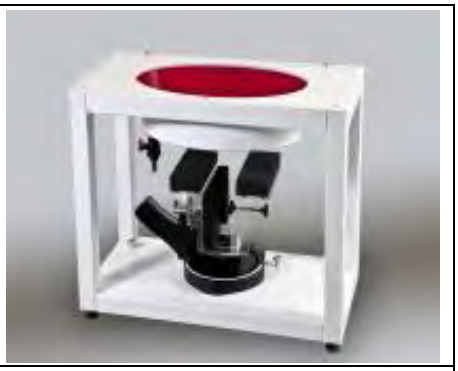
Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2 ± 0.2 mm (6 ± 0.2 mm at ear point)
Dimensions **(incl. Wooden Support)**	Length: 1000 mm Width: 500 mm Height: adjustable feet
Filling Volume	approx. 25 liters
Wooden Support	SPEAG standard phantom table

The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.

Twin SAM V5.0 has the same shell geometry and is manufactured from the same material as Twin SAM V4.0, but has reinforced top structure.

3.5 ELI Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2.0 ± 0.2 mm (bottom plate)
Dimensions	Major axis: 600 mm Minor axis: 400 mm
Filling Volume	approx. 30 liters
Wooden Support	SPEAG standard phantom table



Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.

ELI V5.0 has the same shell geometry and is manufactured from the same material as ELI4, but has reinforced top structure.

3.6 Device Holder for Transmitters

F-2. **Device Holder for Transmitters**

- The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation centres for both scales are the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.

- The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity ε=3 and loss tangent δ=0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

3.7 Measurement procedure

3.7.1 Scanning procedure

Step 1: Power reference measurement

The “reference” and “drift” measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure.

Step 2: *Area scan*

The SAR distribution at the exposed side of the head was measured at a distance of 4mm from the inner surface of the shell. The area covered the entire dimension of the head and the horizontal grid spacing was 15mm*15mm or 12mm*12mm or 10mm*10mm.Based on the area scan data, the area of the maximum absorption was determined by spline interpolation.

Step 3: *Zoom scan*

Around this point, a volume of 30mm*30mm*30mm (fine resolution volume scan, zoom scan) was assessed by measuring 5x5x7 points (≤2GHz) and 7x7x7 points (≥2GHz). On this basis of this data set, the spatial peak SAR value was evaluated with the following procedure:

The data at the surface was extrapolated, since the centre of the dipoles is 2.0mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.2mm. (This can be variable. Refer to the probe specification).The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip. The maximum interpolated value was searched with a straight-forward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1g or 10g) were computed using the 3D-Spline interpolation algorithm. The volume was integrated with the trapezoidal algorithm. One thousand points were interpolated to calculate the average. All neighbouring volumes were evaluated until no neighboring volume with a higher average value was found.

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std. 1528-2013.

			≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location			30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}			≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* When zoom scan is required and the *reported* SAR from the *area scan based 1-g SAR estimation* procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

Step 4: Power reference measurement (drift)

The Power Drift Measurement job measures the field at the same location as the most recent power reference measurement job within the same procedure, and with the same settings. The indicated drift is mainly the variation of the DUT's output power and should vary max. ± 5 %

3.7.2 Data Storage

The DASY software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension ".DAE3". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated. The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [m W/g], [m W/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

3.7.3 Data Evaluation by SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters:	- Sensitivity	Normi, ai0, ai1, ai2
	- Conversion factor	ConvFi
	- Diode compression point	Dcpi
Device parameters:	- Frequency	f
	- Crest factor	cf
Media parameters:	- Conductivity	ε
	- Density	ρ

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot cf / dcp_i$$

With Vi = compensated signal of channel i (i = x, y, z)

Ui = input signal of channel i (i = x, y, z)

cf = crest factor of exciting field (DASY parameter)

dcp i = diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes:

$$E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$$

H-field probes:

$$H_i = (V_i)^{1/2} \cdot (a_{i0} + a_{i1} f + a_{i2} f^2) / f$$

With Vi = compensated signal of channel i (i = x, y, z)

Normi = sensor sensitivity of channel I (i = x, y, z)

[mV/(V/m)2] for E-field Probes

ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

Ei = electric field strength of channel i in V/m

Hi = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_x^2 + E_Y^2 + E_z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

$$SAR = (Etot^2 \cdot \sigma) / (\varepsilon \cdot 1000)$$

With SAR = local specific absorption rate in mW/g

Etot = total field strength in V/m

σ= conductivity in [mho/m] or [Siemens/m]

ε= equivalent tissue density in g/cm3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = E_{tot}{}^2{}_2 / 3770 \quad \text{or} \quad P_{pwe} = H_{tot}^2 \cdot 37.7$$

with Ppwe = equivalent power density of a plane wave in mW/cm2

Etot = total electric field strength in V/m

Htot = total magnetic field strength in A/m

4 SAR measurement variability and uncertainty

4.1 SAR measurement variability

Per KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r04, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

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

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.

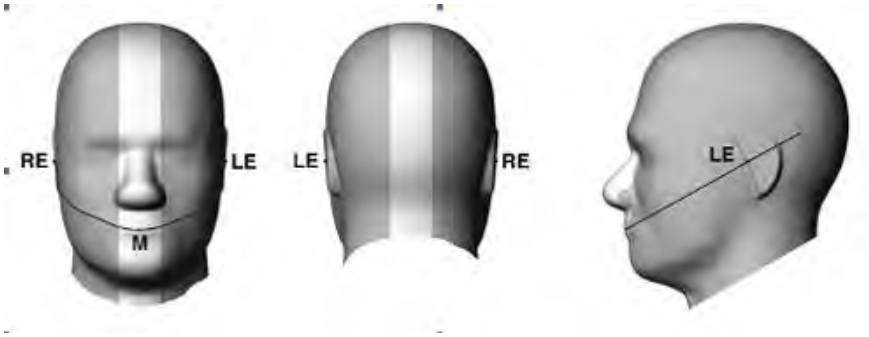
4.2 SAR measurement uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

5 Description of Test Position

5.1 The Head Test Position

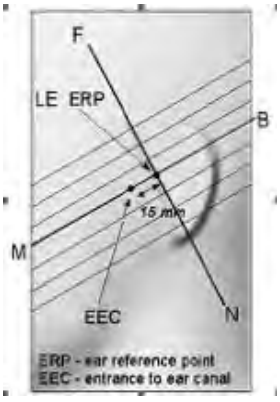
5.1.1 SAM Phantom Shape



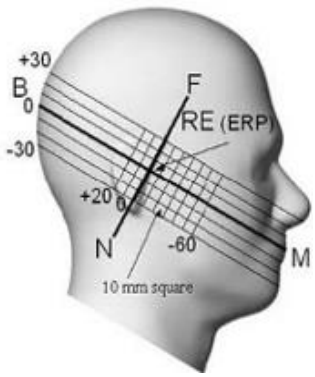
F-3. Front, back, and side views of SAM (model for the phantom shell). Full-head model is for illustration purposes only-procedures in this recommended practice are intended primarily for the phantom setup.

Note: The centre strip including the nose region has a different thickness tolerance.

F-4. Sagittally bisected phantom with extended perimeter (shown placed on its side as used for SAR measurements)

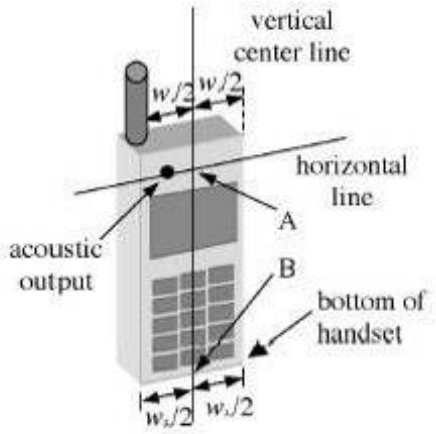


F-5. Close-up side view of phantom, showing the ear region, N-F and B-M lines, and seven cross-sectional plane locations

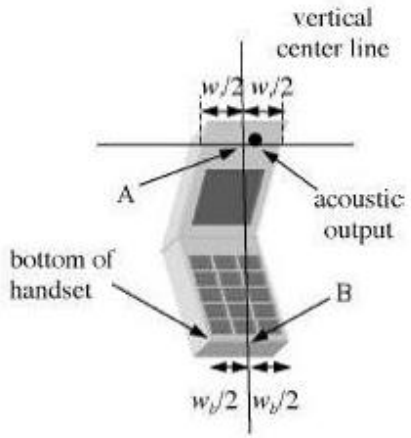


F-6. Side view of the phantom showing relevant markings and seven cross-sectional plane locations

5.1.2 EUT constructions



F-7. Handset vertical and horizontal reference lines-“fixed case”



F-8. Handset vertical and horizontal reference lines-“clam-shell case”

5.1.3 Definition of the “cheek” position

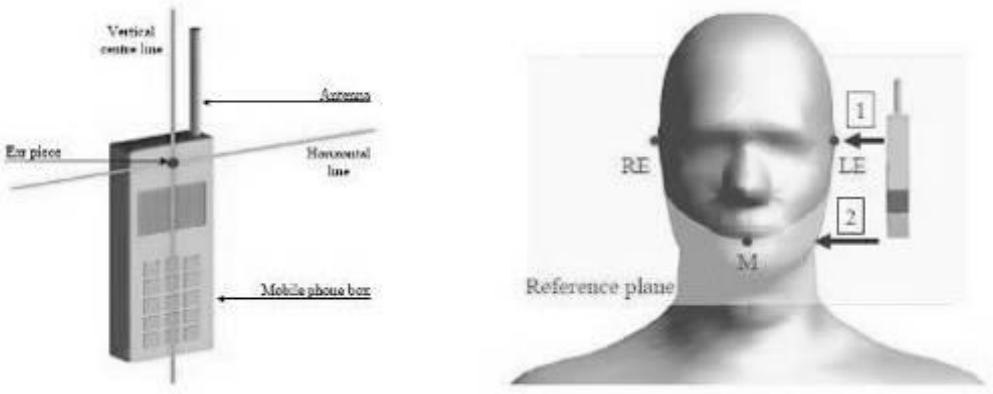
a) Position the device with the vertical centre line of the body of the device and the horizontal line crossing the centre of the ear piece in a plane parallel to the sagittal plane of the phantom ("initial position"). While maintaining the device in this plane, align the vertical centre line with the reference plane containing the three ear and mouth reference points (M, RE and LE) and align the centre of the ear piece with the line RE-LE.

b) Translate the mobile phone box towards the phantom with the ear piece aligned with the line LE-RE until telephone touches the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the box until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.

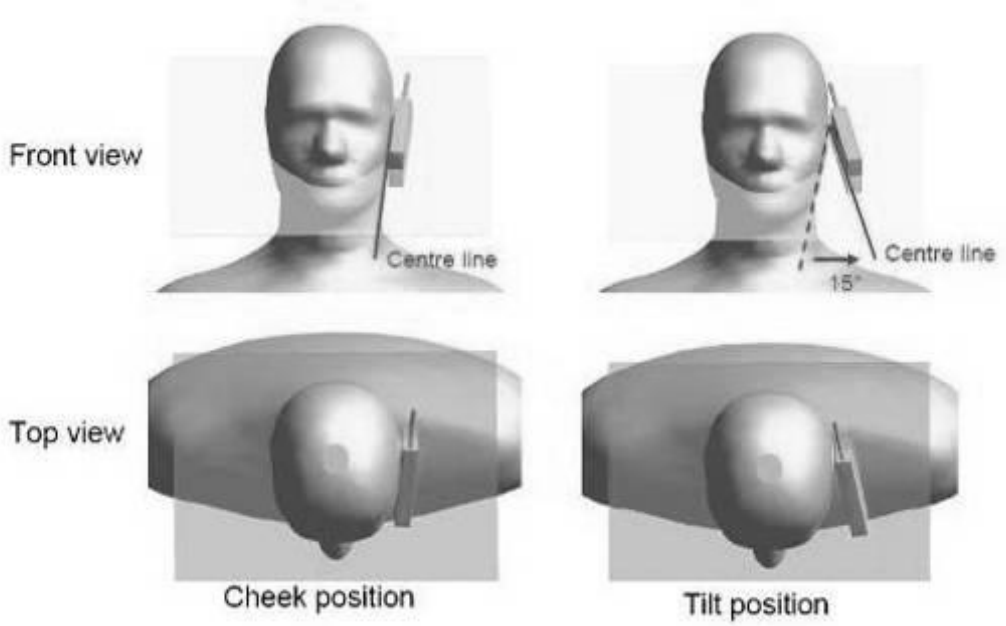
5.1.4 Definition of the “tilted” position

a) Position the device in the “cheek” position described above;

b) While maintaining the device in the reference plane described above and pivoting against the ear, move it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.



F-9. **Definition of the reference lines and points, on the phone and on the phantom and initial position**



F-10. **"Cheek" and "tilt" positions of the mobile phone on the left side**

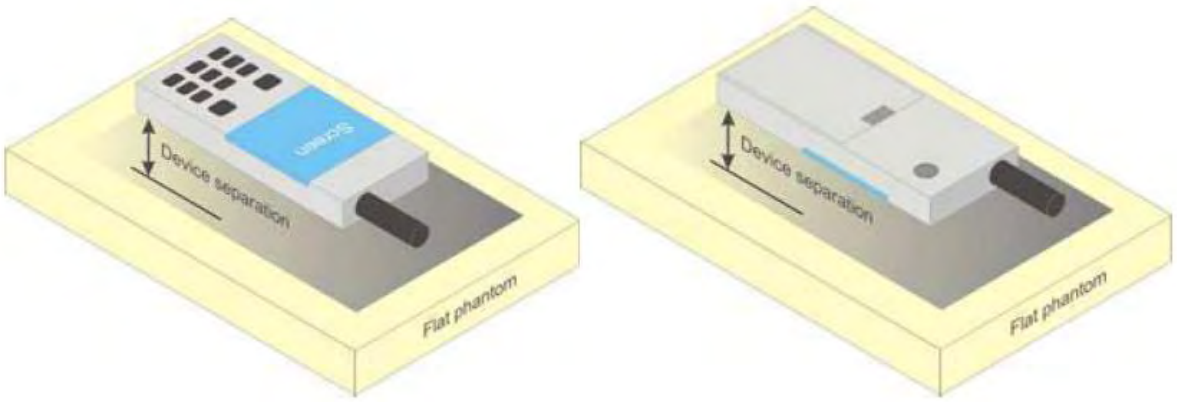
5.2 The Body Test Position

5.2.1 Body-worn accessory exposure conditions

Devices that support transmission while used with body-worn accessories must be tested for body-worn accessory SAR compliance. SAR evaluation is required for body-worn accessories supplied with the host device. The test configurations must be conservative for supporting the body-worn accessory use conditions expected by users, as indicated in Figure 11

Accessories for Body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are tested with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-clip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.

Body-worn accessories may not always be supplied or available as options for some devices intended to be authorized for body-worn use. In this case, a test configuration with a separation distance between the surface of the device and the flat phantom is used. Base upon the description of EN 62209-2, a separation distance 5 mm is commonly used for body-worn mobile phones, to represent a spacing provided by intended accessories. So the separation distance 5 mm is used for body-worn SAR testing of this device.



F-11. **Test positions for body-worn devices**

5.3 Wireless Router exposure conditions

Some battery-operated handsets have the capability to transmit and receive user data through simultaneous transmission of WIFI simultaneously with a separate licensed transmitter. The FCC has provided guidance in FCC KDB Publication 941225 D06 where SAR test considerations for handsets (L x W ≥ 9 cm x 5 cm) are based on a composite test separation distance of 10 mm from the front, back and edges of the device containing transmitting antennas within 2.5 cm of their edges, determined from general mixed use conditions for this type of devices. For devices with form factors smaller than 9 cm x 5 cm, a test separation distance of 5 mm is required.

5.4 Extremity exposure conditions

Per FCC KDB 648474D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, the device is marketed as “Phablet”.

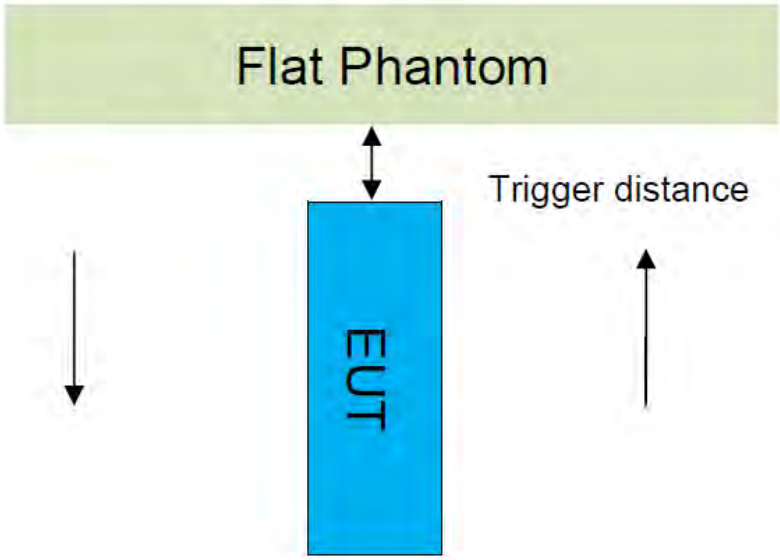
The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for Product Specific 10-g SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, Product Specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

Due to the SAR result, only the following frequency bands need to test with 0mm for the Product Specific 10-g SAR, the others are not required.

5.5 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)				
Position	Front side	Back side	Bottom	Top
Minimum (Ant0)	70	50	63	--
Minimum (Ant4)	--	21	--	17
Required SAR Test (Ant0)	69	49	62	--
Required SAR Test (Ant4)	--	20	--	16

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.

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”.

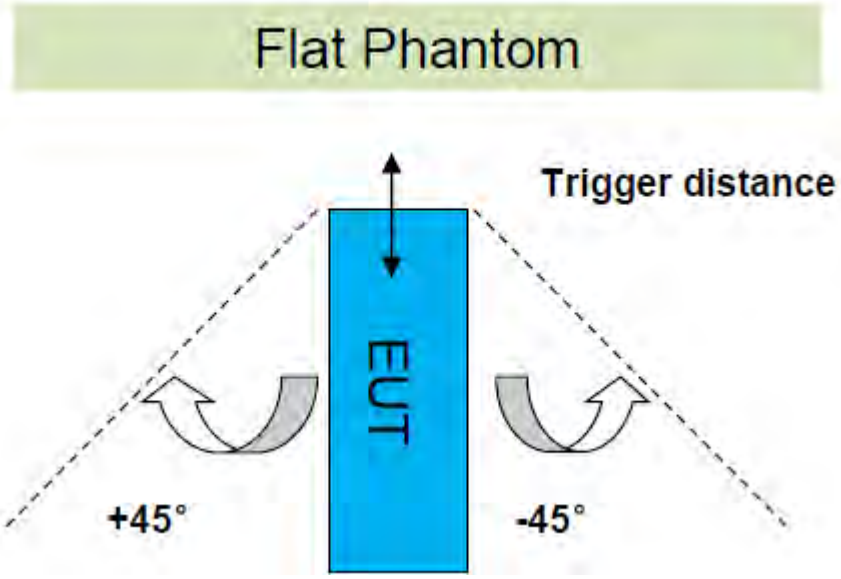
The proximity sensor and main antenna use same metallic electrode, so there is no spatial offset.

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.

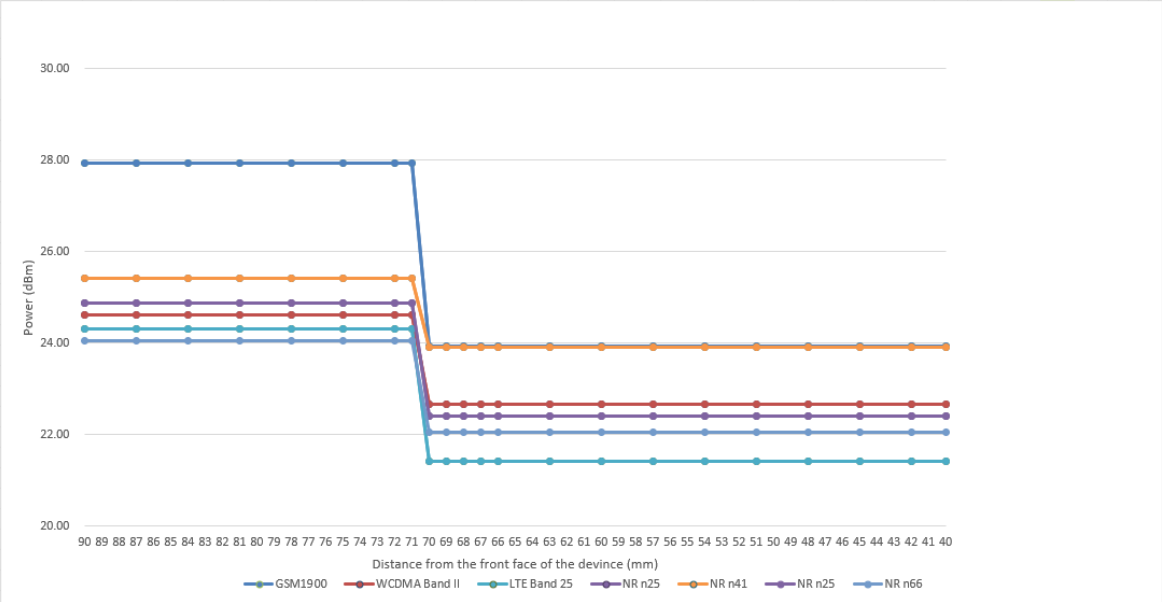
Rotating the tablet around the edge next to the phantom in ≤ 10° increments until the tablet is ± 45° from the vertical position at 0°, and the maximum output power remains in the reduced mode.



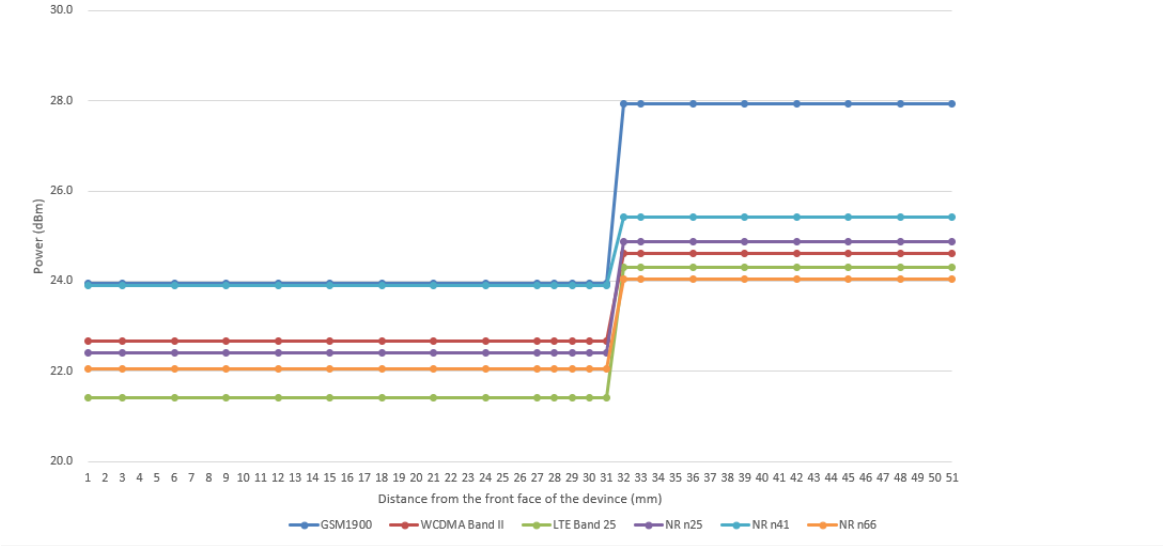
Summary Tilt Angle Influence to Proximity Sensor Triggering for Top Side

Band	Minimum distance(mm)	-45	-40	-30	-20	-10	0	10	20	30	40	45
Ant0: GSM1900, WCDMA Band II/IV, LTE Band 25/41/66, NR Band 25/41/66	Back side: 49mm	on	on	on	on	on	on	on	on	on	on	on
Ant4: LTE Band 66, NR Band 25/77	Top side: 16mm	on	on	on	on	on	on	on	on	on	on	on

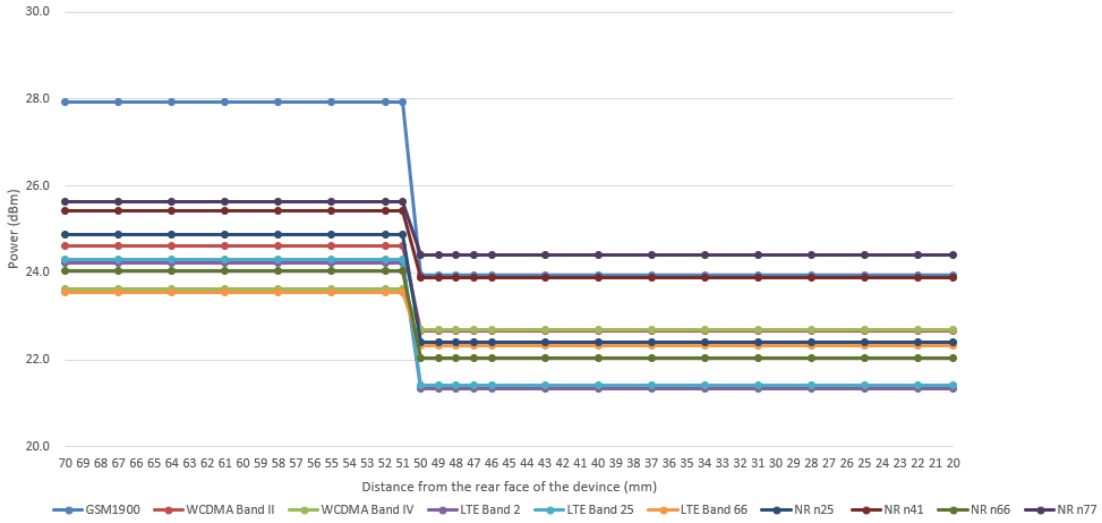
Front Sensor Near (moving toward phantom)



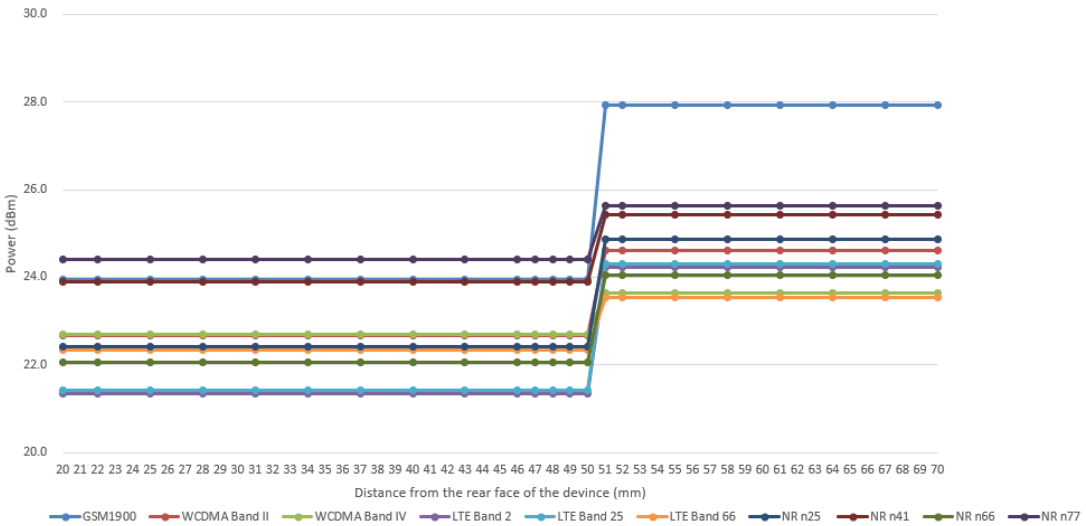
Front Sensor Near (moving away phantom)



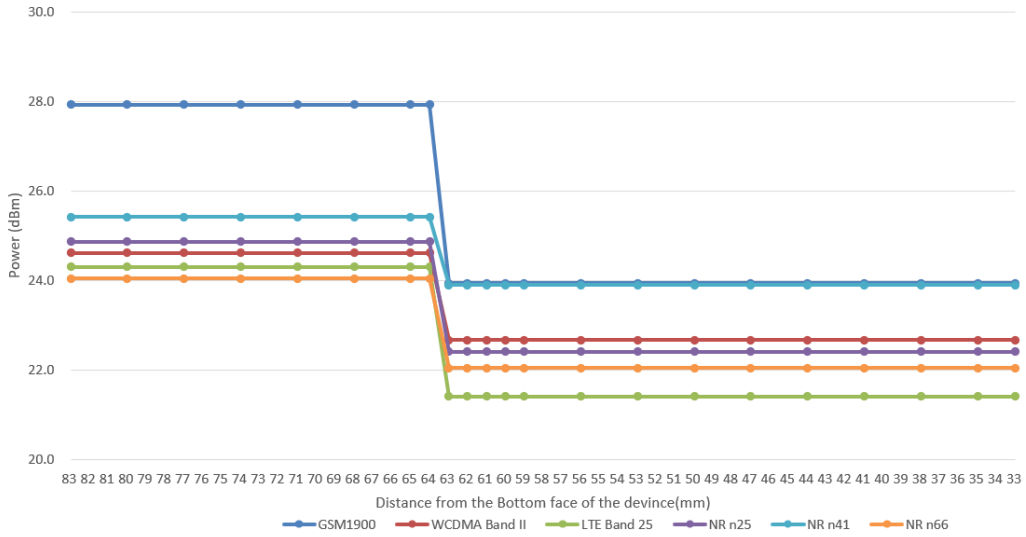
Back Sensor Near (moving toward phantom)



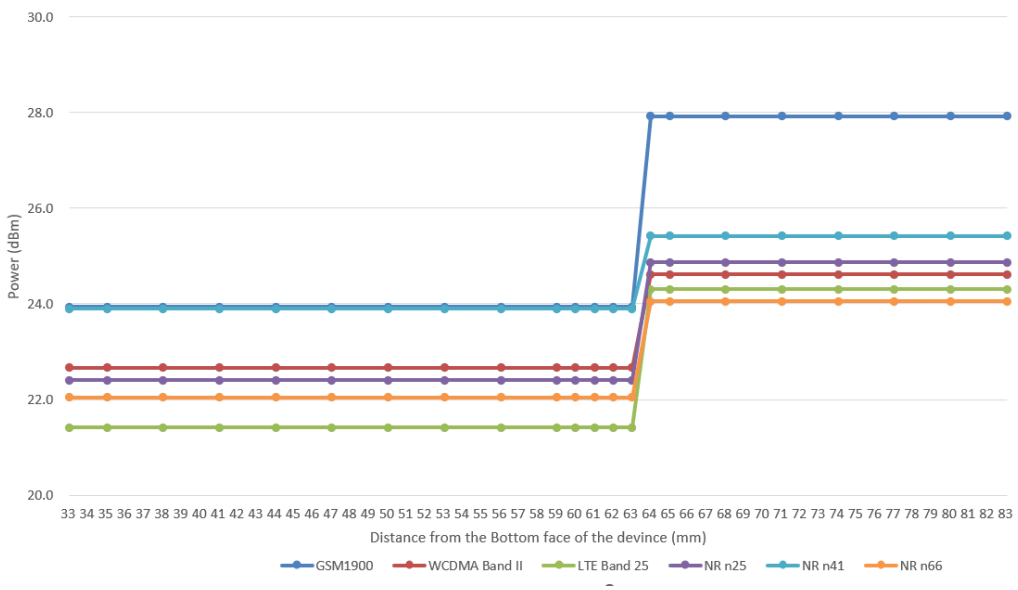
Back Sensor Near (moving away phantom)



Bottom Sensor Near (moving toward phantom)



Bottom Sensor Near (moving away phantom)



6 SAR System Verification Procedure

6.1 Tissue Simulate Liquid

6.1.1 Recipes for Tissue Simulate Liquid

The bellowing tables give the recipes for tissue simulating liquids to be used in different frequency bands：

Ingredients (% by weight)	Frequency (MHz)									
	450		835		915		1900		2450	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	38.56	51.16	41.45	52.4	41.05	56.0	54.9	40.4	62.7	73.2
Salt (NaCl)	3.95	1.49	1.45	1.4	1.35	0.76	0.18	0.5	0.5	0.04
Sugar	56.32	46.78	56.0	45.0	56.5	41.76	0.0	58.0	0.0	0.0
HEC	0.98	0.52	1.0	1.0	1.0	1.21	0.0	1.0	0.0	0.0
Bactericide	0.19	0.05	0.1	0.1	0.1	0.27	0.0	0.1	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0
DGBE	0.0	0.0	0.0	0.0	0.0	0.0	44.92	0.0	0.0	26.7
Dielectric Constant	43.42	58.0	42.54	56.1	42.0	56.8	39.9	54.0	39.8	52.5
Conductivity (S/m)	0.85	0.83	0.91	0.95	1.0	1.07	1.42	1.45	1.88	1.78
HSL5GHz is composed of the following ingredients： Water：50-65% Mineral oil：10-30% Emulsifiers：8-25% Sodium salt：0-1.5%										
MSL5GHz is composed of the following ingredients： Water：64-78% Mineral oil：11-18% Emulsifiers：9-15% Sodium salt：2-3%										

6.1.2 Test Liquids Confirmation

Simulated tissue liquid parameter confirmation

The dielectric parameters were checked prior to assessment using the SPEAG DAK3.5 dielectric probe kit. The dielectric parameters measured are reported in each correspondent section.

IEEE SCC-34/SC-2 P1528 recommended tissue dielectric parameters

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in P1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head and body tissue parameters that have not been specified in P1528 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations and extrapolated according to the head parameters specified in P1528

Target Frequency (MHz)	Head		Body	
	ε_r	σ (S/m)	ε_r	σ (S/m)
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800-2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5800	35.3	5.27	48.2	6.00

(ε_r = relative permittivity, σ = conductivity and ρ = 1000 kg/m^3)

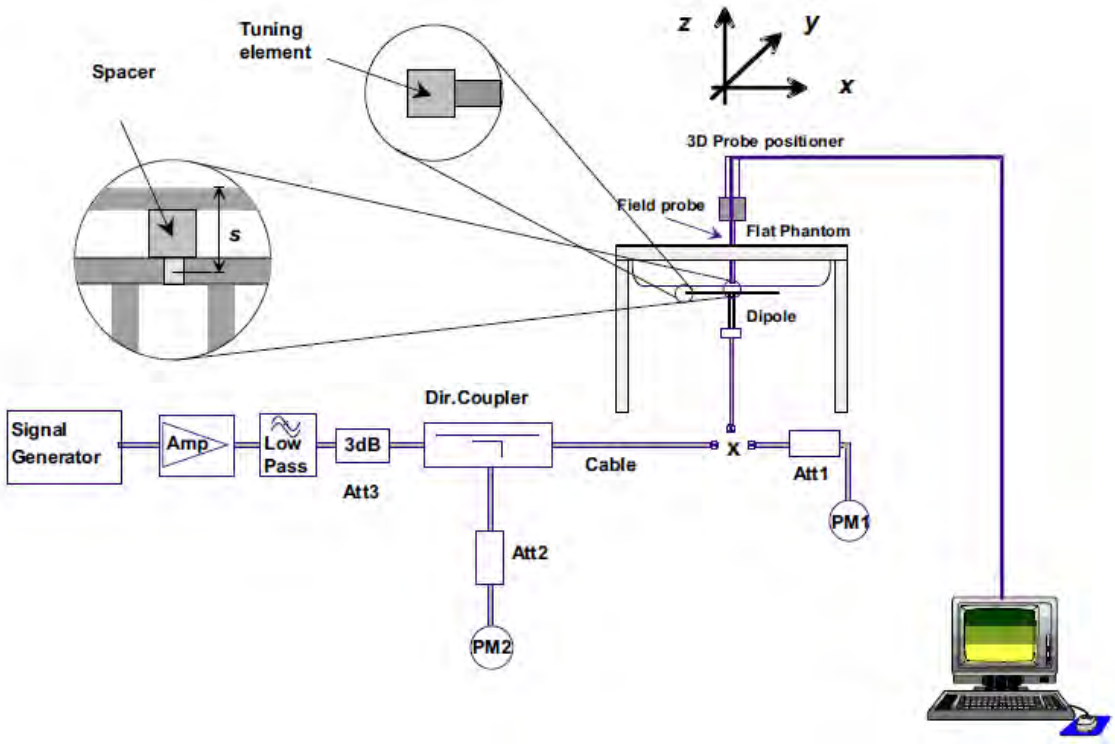
6.1.3 Measurement for Tissue Simulate Liquid

The dielectric properties for this Tissue Simulate Liquids were measured by using the SPEAG DAK3.5 dielectric probe kit in conjunction with Agilent Network Analyzer. The Conductivity (σ) and Permittivity (ρ) are listed in bellow table. For the SAR measurement given in this report. The temperature variation of the Tissue Simulate Liquids was 22±2°C.

Tissue Type	Measured Frequency (MHz)	Conductivity (σ)	Permittivity (ε_r)	Conductivity Target (σ)	Permittivity Target (ε_r)	Delta (σ) (%)	Delta (ε_r) (%)	Limit (%)	Liquid Temp. (℃)	Date
750 Head	750	0.885	43.9	0.89	41.90	-0.56	4.77	±5	22.1	2024/2/22
750 Head	750	0.892	43.8	0.89	41.90	0.22	4.53	±5	22.1	2024/2/23
835 Head	835	0.914	43.5	0.90	41.50	1.56	4.82	±5	22.1	2024/2/24
835 Head	835	0.921	43.4	0.90	41.50	2.33	4.58	±5	22.1	2024/2/25
1800 Head	1800	1.37	41.9	1.40	40.00	-2.14	4.75	±5	22.2	2024/2/26
1800 Head	1800	1.39	42.00	1.40	40.00	-0.71	5.00	±5	22.2	2024/2/27
1800 Head	1800	1.41	41.7	1.40	40.00	0.71	4.25	±5	22.2	2024/2/28
1900 Head	1900	1.43	41.7	1.40	40.00	2.14	4.25	±5	22.3	2024/2/29
1900 Head	1900	1.42	41.8	1.40	40.00	1.43	4.50	±5	22.3	2024/3/1
1900 Head	1900	1.45	41.6	1.40	40.00	3.57	4.00	±5	22.3	2024/3/2
1900 Head	1900	1.44	41.7	1.40	40.00	2.86	4.25	±5	22.3	2024/3/3
1900 Head	1900	1.46	41.5	1.40	40.00	4.29	3.75	±5	22.3	2024/3/4
2300 Head	2300	1.71	41.2	1.67	39.50	2.40	4.30	±5	22.0	2024/3/5
2300 Head	2300	1.68	41.3	1.67	39.50	0.60	4.56	±5	22.0	2024/3/6
2450 Head	2450	1.82	41.0	1.80	39.20	1.11	4.59	±5	22.2	2024/3/7
2450 Head	2450	1.79	41.1	1.80	39.20	-0.56	4.85	±5	22.2	2024/3/8
2600 Head	2600	1.94	40.7	1.96	39.00	-1.02	4.36	±5	22.1	2024/3/9
2600 Head	2600	1.92	40.6	1.96	39.00	-2.04	4.10	±5	22.1	2024/3/10
2600 Head	2600	1.91	40.6	1.96	39.00	-2.55	4.10	±5	22.1	2024/3/11
3500 Head	3500	2.78	39.2	2.91	37.93	-4.47	3.35	±5	22.3	2024/3/12
3500 Head	3500	2.80	39.1	2.91	37.93	-3.78	3.08	±5	22.3	2024/3/13
3500 Head	3500	2.82	39.00	2.91	37.93	-3.09	2.82	±5	22.3	2024/3/14
3700 Head	3700	2.99	38.9	3.12	37.70	-4.17	3.18	±5	22.3	2024/3/15
3700 Head	3700	3.01	38.7	3.12	37.70	-3.53	2.65	±5	22.3	2024/3/16
3700 Head	3700	3.02	38.7	3.12	37.70	-3.21	2.65	±5	22.3	2024/3/17
3900 Head	3900	3.15	38.6	3.31	37.52	-4.83	2.88	±5	22.3	2024/3/18
3900 Head	3900	3.18	38.5	3.31	37.52	-3.93	2.61	±5	22.3	2024/3/19
5200 Head	5200	4.54	36.3	4.66	36.01	-2.58	0.81	±5	22.2	2024/3/20
5600 Head	5600	5.00	35.6	5.07	35.50	-1.38	0.28	±5	22.2	2024/3/21
5800 Head	5800	5.23	35.3	5.28	35.24	-0.95	0.17	±5	22.2	2024/3/22

6.2 SAR System Check

The microwave circuit arrangement for system check is sketched in bellow figure. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values. The tests were conducted on the same days as the measurement of the EUT. The obtained results from the system accuracy verification are displayed in the following table. During the tests, the ambient temperature of the laboratory was in the range 22±2°C, the relative humidity was in the range 60% and the liquid depth above the ear reference points was above 15 cm in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



F-12. the microwave circuit arrangement used for SAR system verification

6.2.1 Justification for Extended SAR Dipole Calibrations

1) Referring to KDB865664 D01 requirements for dipole calibration, instead of the typical annual calibration recommended by measurement standards, longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remain stable according to the following requirements. Each measured dipole is expected to evaluate with the following criteria at least on annual interval in Appendix C.

a) There is no physical damage on the dipole;

b) System check with specific dipole is within 10% of calibrated value;

c) Return-loss is within 10% of calibrated measurement;

d) Impedance is within 5Ω from the previous measurement.

2) Network analyzer probe calibration against air, distilled water and a shorting block performed before measuring liquid parameters.

6.2.2 Summary System Check Result(s)

Validation Kit		Measured SAR 250mW	Measured SAR 250mW	Measured SAR (normalized to 1w)	Measured SAR (normalized to 1w)	Target SAR (normalized to 1w) (±10%)	Target SAR (normalized to 1w) (±10%)	Liquid Temp. (°C)	Measured Date
		1g (W/kg)	10g (W/kg)	1g (W/kg)	10g (W/kg)	1-g(W/kg)	10-g(W/kg)		
D750V2	Head	2.12	1.41	8.48	5.64	8.27 (7.44~9.10)	5.48 (4.93~6.03)	22.1	2024/2/22
D750V2	Head	2.08	1.39	8.32	5.56	8.27 (7.44~9.10)	5.48 (4.93~6.03)	22.1	2024/2/23
D835V2	Head	2.51	1.61	10.04	6.44	9.40 (8.46~10.34)	6.12 (5.51~6.73)	22.1	2024/2/24
D835V2	Head	2.45	1.58	9.8	6.32	9.40 (8.46~10.34)	6.12 (5.51~6.73)	22.1	2024/2/25
D1800V2	Head	9.33	4.94	37.32	19.76	38.9 (35.01~42.79)	20.4 (18.36~22.44)	22.2	2024/2/26
D1800V2	Head	9.25	4.81	37	19.24	38.9 (35.01~42.79)	20.4 (18.36~22.44)	22.2	2024/2/27
D1800V2	Head	9.41	5.02	37.64	20.08	38.9 (35.01~42.79)	20.4 (18.36~22.44)	22.2	2024/2/28
D1900V2	Head	10.1	5.27	40.4	21.08	40.0 (36.00~44.00)	20.3 (18.72~22.88)	22.3	2024/2/29
D1900V2	Head	10.3	5.32	41.2	21.28	40.0 (36.00~44.00)	20.3 (18.72~22.88)	22.3	2024/3/1
D1900V2	Head	10.2	5.28	40.8	21.12	40.0 (36.00~44.00)	20.3 (18.72~22.88)	22.3	2024/3/2
D1900V2	Head	10.4	5.36	41.6	21.44	40.0 (36.00~44.00)	20.3 (18.72~22.88)	22.3	2024/3/3
D1900V2	Head	10.2	5.33	40.8	21.32	40.0 (36.00~44.00)	20.3 (18.72~22.88)	22.3	2024/3/4
D2300V2	Head	12.6	6.08	50.4	24.32	49.2 (44.28~54.12)	23.4 (21.06~25.74)	22.0	2024/3/5
D2300V2	Head	12.2	5.84	48.8	23.36	49.2 (44.28~54.12)	23.4 (21.06~25.74)	22.0	2024/3/6
D2450V2	Head	12.5	5.84	50	23.36	53 (47.70~58.30)	24.7 (22.23~27.17)	22.2	2024/3/7
D2450V2	Head	12.7	5.96	50.8	23.84	53 (47.70~58.30)	24.7 (22.23~27.17)	22.2	2024/3/8
D2600V2	Head	13.2	6.01	52.8	24.04	54.8 (49.32~60.28)	24.5 (22.05~26.95)	22.1	2024/3/9
D2600V2	Head	13.5	6.18	54	24.72	54.8 (49.32~60.28)	24.5 (22.05~26.95)	22.1	2024/3/10
D2600V2	Head	13.3	6.11	53.2	24.44	54.8 (49.32~60.28)	24.5 (22.05~26.95)	22.1	2024/3/11
Validation Kit		**Measured SAR 100mW**	**Measured SAR 100mW**	**Measured SAR (normalized to 1w)**	**Measured SAR (normalized to 1w)**	**Target SAR (normalized to 1w) (±10%)**	**Target SAR (normalized to 1w) (±10%)**	**Liquid Temp. (°C)**	**Measured Date**
		1g (W/kg)	**10g (W/kg)**	**1g (W/kg)**	**10g (W/kg)**	**1-g(W/kg)**	**10-g(W/kg)**		
D3500V2	Head	6.47	2.52	64.7	25.2	66.9 (60.21~73.59)	25.2 (22.68~27.72)	22.3	2024/3/12
D3500V2	Head	6.59	2.61	65.9	26.1	66.9 (60.21~73.59)	25.2 (22.68~27.72)	22.3	2024/3/13

D3500V2	Head	6.52	2.57	65.2	25.7	66.9 (60.21~73.59)	25.2 (22.68~27.72)	22.3	2024/3/14
D3700V2	Head	6.7	2.53	67	25.3	67.5 (60.75~74.25)	24.4 (21.96~26.84)	22.3	2024/3/15
D3700V2	Head	6.58	2.42	65.8	24.2	67.5 (60.75~74.25)	24.4 (21.96~26.84)	22.3	2024/3/16
D3700V2	Head	6.62	2.51	66.2	25.1	67.5 (60.75~74.25)	24.4 (21.96~26.84)	22.3	2024/3/17
D3900V2	Head	6.72	2.4	67.2	24	70.6 (63.54~77.66)	24.4 (21.96~26.84)	22.3	2024/3/18
D3900V2	Head	6.62	2.35	66.2	23.5	70.6 (63.54~77.66)	24.4 (21.96~26.84)	22.3	2024/3/19
D5GHzV2	Head(5.20GHz)	7.43	2.16	74.3	21.6	77.6 (69.84~85.36)	22.1 (19.35~23.65)	22.2	2024/3/20
	Head(5.6GHz)	8.01	2.3	80.1	23	80.8 (72.72~88.88)	22.9 (20.61~25.19)	22.2	2024/3/21
	Head(5.8GHz)	7.39	2.09	73.9	20.9	76.7 (69.03~84.37)	21.5 (19.35~23.65)	22.2	2024/3/22

6.2.3 Detailed System Check Results

Please see the Appendix A

7 Test Configuration

7.1 3G SAR Test Reduction Procedure

According to KDB 941225D01, in the following procedures, the mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode. This is referred to as the 3G SAR test reduction procedure in the following SAR test guidance, where the primary mode is identified in the applicable wireless mode test procedures and the secondary mode is wireless mode being considered for SAR test reduction by that procedure. When the 3G SAR test reduction procedure is not satisfied, it is identified as “otherwise” in the applicable procedures; SAR measurement is required for the secondary mode.

7.2 Operation Configurations

7.2.1 GSM Test Configuration

SAR tests for GSM 850 and GSM 1900, a communication link is set up with a base station by air link. Using CMW500 the power lever is set to “5”and “0” in SAR of GSM 850 and GSM 1900. The tests in the band of GSM 850 and GSM 1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 33 for this EUT, it has at most 4 timeslots in uplink and at most 4 timeslots in downlink, the maximum total timeslot is 5. The EGPRS class is 33 for this EUT, it has at most 4 timeslots in uplink, and at most 4 timeslots in downlink, the maximum total timeslot is 5.

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

When SAR tests for EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ratios inherent in 8-PSK.

The 3G SAR test reduction procedure is applied to 8-PSK EDGE with GMSK GPRS/EDGE as the primary mode

7.2.2 WCDMA Test Configuration

1）. Output Power Verification

Maximum output power is verified on the high, middle and low channels according to procedures described in section 5.2 of 3GPP TS 34.121, using the appropriate RMC or AMR with TPC (transmit power control) set to all “1’s” for WCDMA/HSDPA or by applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HSDPA, HSPA) are required in the SAR report. All configurations that are not supported by the handset or cannot be measured due to technical or equipment limitations must be clearly identified.

2）. Head SAR

SAR for next to the ear head exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”. The 3G SAR test reduction procedure is applied to AMR configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for 12.2 kbps AMR in 3.4 kbps SRB (signaling radio bearer) using the highest reported SAR configuration in 12.2 kbps RMC for head exposure

3）. Body SAR

SAR for body configurations is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”. The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCHn configurations supported by the handset with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured using an applicable RMC configuration with the corresponding spreaing code or DPDCHn, for the highest reported body-worn accessory exposure SAR configuration in 12.2 kbps RMC. When more than 2 DPDCHn are supported by the handset, it may be necessary to configure additional DPDCHn using FTM (Factory Test Mode) or other chipset based test approaches with parameters similar to those used in 384 kbps and 768 kbps RMC.

4）. HSDPA / HSUPA / DC-HSDPA

According to KDB 941225 D01v03, RMC 12.2kbps setting is used to evaluate SAR. If the maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA

a) HSDPA

HSDPA is configured according to the applicable UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission conditions, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4 ms and a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. DPCCH and DPDCH gain factors(βc, βd), and HS-DPCCH power offset parameters (ΔACK, ΔNACK, ΔCQI) are set according to values indicated in the following table The CQI value is determined by the UE category, transport block size, number of HS-PDSCHs and modulation used in the H-set.

Sub-test	βc	Bd	βd(SF)	βc/βd	βhs	CM(dB)	MPR (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0	0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note1: △ACK, △NACK and △CQI= 8 Ahs = βhs/βc=30/15 βhs=30/15*βc

Note2:For the HS-DPCCH power mask requirement test in clause 5.2C,5.7A,and the Error Vector Magnitude(EVM) with HS-DPCCH test in clause 5.13.1.A,and HSDPA EVM with phase discontinuity in clause 5.13.1AA, △ACK and △NACK= 8 (Ahs=30/15) with βhs=30/15*βc,and △CQI= 7 (Ahs=24/15) with βhs=24/15*βc.

Note3: CM=1 forβc/βd =12/15, βhs/βc=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.

Parameter	Value
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI"s
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

HS-DSCH Category	Maximum HS-DSCH Codes Received	Minimum Inter-TTI Interval	MaximumH S-DSCH Transport BlockBits/HS-DSCH TTI	Total Soft Channel Bits
1	5	3	7298	19200
2	5	3	7298	28800
3	5	2	7298	28800
4	5	2	7298	38400
5	5	1	7298	57600
6	5	1	7298	67200
7	10	1	14411	115200
8	10	1	14411	134400
9	15	1	25251	172800
10	15	1	27952	172800
11	5	2	3630	14400
12	5	1	3630	28800
13	15	1	34800	259200
14	15	1	42196	259200
15	15	1	23370	345600
16	15	1	27952	345600

b) HSUPA

Due to inner loop power control requirements in HSUPA, a commercial communication test set should be used for the output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSUPA should be configured according to the values indicated below as well as other applicable procedures described in the „WCDMA Handset" and „Release 5 HSUPA Data Device" sections of 3G device.

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs}(1)	β_{ec}	β_{ed}	β_{ec} (SF)	β_{ed} (code)	CM(2) (dB)	MPR (dB)	AG(4) Index	E-TFCI
1	11/15(3)	15/15(3)	64	11/15(3)	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1}:47/15 β_{ed2}:47/15	4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15(4)	15/15(4)	64	15/15(4)	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note 1: Δ ACK, Δ NACK and Δ CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$

Note 2: CM = 1 for $\beta_c/\beta_d = 12/15$, $\beta_{hs}/\beta_c = 24/15$. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference

Note 3 : For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 10/15$ and $\beta_d = 15/15$

Note 4 : For subtest 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$

Note 5 : Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g

Note 6: β_{ed} can not be set directly; it is set by Absolute Grant Value.

UE E-DCH Category	Maximum E-DCH Codes Transmitted	Number of HARQ Processes	E-DCH TTI(ms)	Minimum Speading Factor	Maximum E-DCH Transport Block Bits	Max Rate (Mbps)
1	1	4	10	4	7110	0.7296
2	2	8	2	4	2798	1.4592
	2	4	10	4	14484	
3	2	4	10	4	14484	1.4592
4	2	8	2	2	5772	2.9185
	2	4	10	2	20000	2.00
5	2	4	10	2	20000	2.00
6 (No DPDCH)	4	8	10	2SF2&2SF 4	11484	5.76
	4	4	2		20000	2.00
7 (No DPDCH)	4	8	2	2SF2&2SF 4	22996	?
	4	4	10		20000	?
NOTE: When 4 codes are transmitted in parallel, two codes shall be transmitted with SF2 and two with SF4.UE categories 1 to 6 support QPSK only. UE category 7 supports QPSK and 16QAM.(TS25.306-7.3.0).						

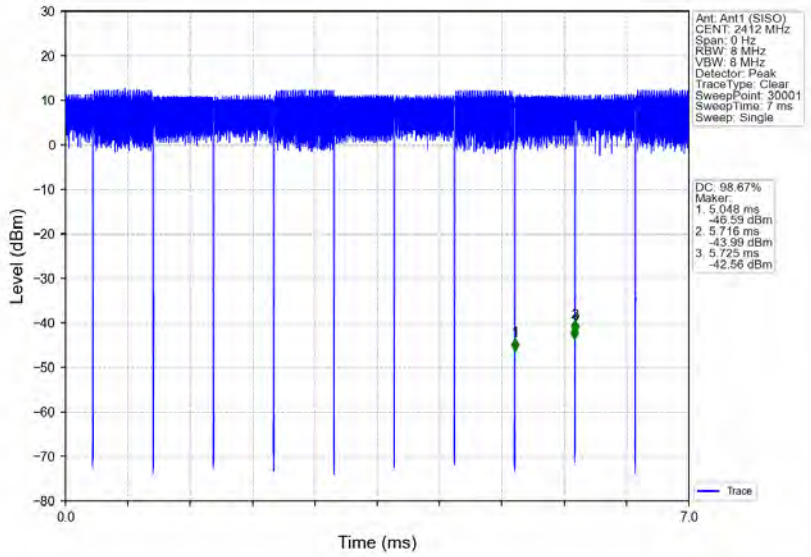
7.2.3 Wi-Fi Test Configuration

A Wi-Fi device must be configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools for SAR measurement.

7.2.3.1 Duty cycle

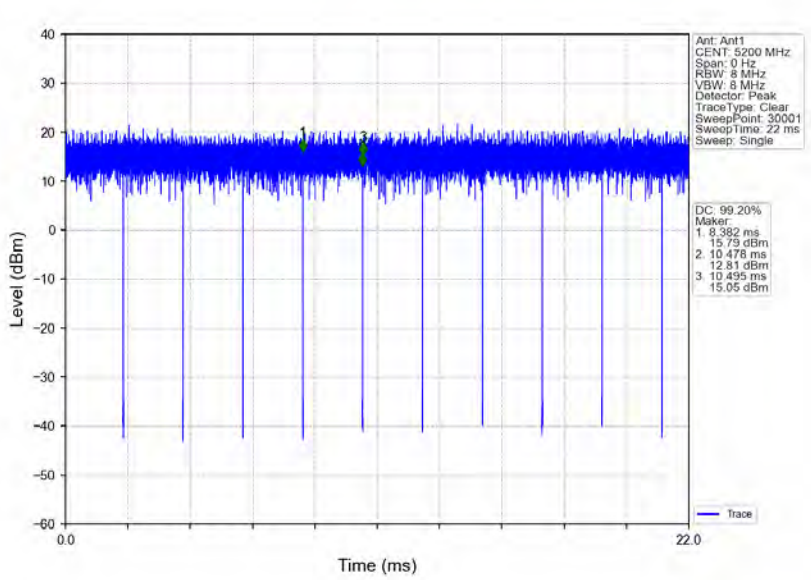
1) 2.4GHz Wi-Fi:

WI-FI 802.11b: Duty cycle= 98.67%



2) 5GHz Wi-Fi 802.11a:

WI-FI 802.11a: Duty cycle= 99.20%



7.2.3.2 Initial Test Position SAR Test Reduction Procedure

DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures. The initial test position procedure is described in the following:

1）. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other (remaining) test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band. SAR is also not required for that exposure configuration in the subsequent test configuration(s).

2）. When the reported SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest extrapolated or estimated 1-g SAR conditions determined by area scans or next closest/smallest test separation distance and maximum RF coupling test positions based on manufacturer justification, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions (left, right, touch, tilt or subsequent surfaces and edges) are tested.

3）. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. a) Additional power measurements may be required for this step, which should be limited to those necessary for identifying the subsequent highest output power channels.

7.2.3.3 Initial Test Configuration Procedures

An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum

output power channel. For configurations with the same specified or measured maximum output power, additional transmission mode and test channel selection procedures are required. SAR test reduction for subsequent highest output test channels is determined according to *reported* SAR of the initial test configuration.

For next to the ear, hotspot mode and UMC mini-tablet exposure configurations where multiple test positions are required, the initial test position procedure is applied to minimize the number of test positions required for SAR measurement using the initial test configuration transmission mode. For fixed exposure conditions that do not have multiple SAR test positions, SAR is measured in the transmission mode determined by the initial test configuration.

When the *reported* SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for subsequent next highest measured output power channel(s) in the initial test configuration until *reported* SAR is ≤ 1.2 W/kg or all required channels are tested.

7.2.3.4 Subsequent Test Configuration Procedures

SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units. The initial test position procedure is applied to next to the ear, UMPC mini-tablet and hotspot mode configurations. When the same maximum output power is specified for multiple transmission modes, additional power measurements may be required to determine if SAR measurements are required for subsequent highest output power channels in a subsequent test configuration. The subsequent test configuration and SAR measurement procedures are described in the following.

1）. When SAR test exclusion provisions of KDB Publication 447498 are applicable and SAR measurement is not required for the initial test configuration, SAR is also not required for the next highest maximum output power transmission mode subsequent test configuration(s) in that frequency band or aggregated band and exposure configuration.

2）. When the highest *reported* SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration.

3）. The number of channels in the initial test configuration and subsequent test configuration can be different due to differences in channel bandwidth. When SAR measurement is required for a subsequent test configuration and the channel bandwidth is smaller than that in the initial test configuration, all channels in the subsequent test configuration that overlap with the larger bandwidth channel tested in the initial test configuration should be used to determine the highest maximum output power channel. This step requires additional power measurement to identify the highest maximum output power channel in the subsequent test configuration to determine SAR test reduction.

   a) SAR should first be measured for the channel with highest measured output power in the subsequent test configuration.

   b) SAR for subsequent highest measured maximum output power channels in the subsequent test configuration is required only when the *reported* SAR of the preceding higher maximum output power channel(s) in the subsequent test configuration is > 1.2 W/kg or until all required channels are tested. i) For channels with the same measured maximum output power, SAR should be measured using the channel closest to the center frequency of the larger channel bandwidth channel in the initial test configuration.

4）. SAR measurements for the remaining highest specified maximum output power OFDM transmission mode configurations that have not been tested in the initial test configuration (highest maximum output) or subsequent test configuration(s) (subsequent next highest maximum output power) is determined by recursively applying the subsequent test configuration procedures in this section to the remaining configurations according to the following:

   a) replace “subsequent test configuration” with “next subsequent test configuration” (i.e., subsequent next highest specified maximum output power configuration)

   b) replace “initial test configuration” with “all tested higher output power configurations”

7.2.3.5 2.4 GHz Wi-Fi SAR Procedures

Separate SAR procedures are applied to DSSS and OFDM configurations in the 2.4 GHz band to simplify DSSS test requirements. For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test

position and initial test position procedure applies to multiple exposure test positions. When SAR measurement is required for an OFDM configuration, the initial test configuration, subsequent test configuration and initial test position procedures are applied. The SAR test exclusion requirements for 802.11g/n OFDM configurations are described in following.

- **802.11b DSSS SAR Test Requirements**

SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:

1）. When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.

2）. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

- **2.4 GHz 802.11g/n OFDM SAR Test Exclusion Requirements**

When SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations, the measurement and test reduction procedures for OFDM are applied (section 5.3, including sub-sections). SAR is not required for the following 2.4 GHz OFDM conditions.

1）. When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.

2）. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

7.2.3.6 5 GHz Wi-Fi SAR Procedures

- **U-NII-1 and U-NII-2A Bands**

For devices that operate in only one of the U-NII-1 and U-NII-2A bands, the normally required SAR procedures for OFDM configurations are applied. For devices that operate in both U-NII bands using the same transmitter and antenna(s), SAR test reduction is determined according to the following：

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. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, both bands are tested independently for SAR.
2) When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration; otherwise, both bands are tested independently for SAR.
3) The two U-NII bands may be aggregated to support a 160 MHz channel on channel number 50. Without additional testing, the maximum output power for this is limited to the lower of the maximum output power certified for the two bands. When SAR measurement is required for at least one of the bands and the highest reported SAR adjusted by the ratio of specified maximum output power of aggregated to standalone band is > 1.2 W/kg, SAR is required for the 160 MHz channel. This procedure does not apply to an aggregated band with maximum output higher than the standalone band(s); the aggregated band must be tested independently for SAR. SAR is not required when the 160 MHz channel is operating at a reduced maximum power and also qualifies for SAR test exclusion.

- **U-NII-2C and U-NII-3 Bands**

The frequency range covered by these bands is 380 MHz (5.47 – 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. when Terminal Doppler Weather Radar (TDWR) restriction applies, all channels that operate at 5.60 – 5.65 GHz must be included to apply the SAR test reduction and measurement procedures.

When the same transmitter and antenna(s) are used for U-NII-2C band and U-NII-3 band or 5.8 GHz band of §15.247, the bands may be aggregated to enable additional channels with 20, 40 or 80 MHz bandwidth to span across the band gap, as illustrated in Appendix B. The maximum output power for the additional band gap

channels is limited to the lower of those certified for the bands. Unless band gap channels are permanently disabled, they must be considered for SAR testing. The frequency range covered by these bands is 380 MHz (5.47 – 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. To maintain SAR measurement accuracy and to facilitate test reduction, the channels in U-NII-2C band above 5.65 GHz may be grouped with the 5.8 GHz channels in U-NII-3 or §15.247 band to enable two SAR probe calibration frequency points to cover the bands, including the band gap channels. When band gap channels are supported and the bands are not aggregated for SAR testing, band gap channels must be considered independently in each band according to the normally required OFDM SAR measurement and probe calibration frequency points requirements.

- **OFDM Transmission Mode SAR Test Configuration and Channel Selection Requirements**

The initial test configuration for 5 GHz OFDM transmission modes is determined by the 802.11 configuration with the highest maximum output power specified for production units, including tune-up tolerance, in each standalone and aggregated frequency band. SAR for the initial test configuration is measured using the highest maximum output power channel determined by the default power measurement procedures. When multiple configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined according to the following steps applied sequentially.

1) The largest channel bandwidth configuration is selected among the multiple configurations with the same specified maximum output power.
2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
4) When multiple transmission modes (802.11a/g/n/ac) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n. After an initial test configuration is determined, if multiple test channels have the same measured maximum output power, the channel chosen for SAR measurement is determined according to the following. These channel selection procedures apply to both the initial test configuration and subsequent test configuration(s), with respect to the default power measurement procedures or additional power measurements required for further SAR test reduction. The same procedures also apply to subsequent highest output power channel(s) selection.
    a) The channel closest to mid-band frequency is selected for SAR measurement.
    b) For channels with equal separation from mid-band frequency; for example, high and low channels or two mid-band channels, the higher frequency (number) channel is selected for SAR measurement.

- **SAR Test Requirements for OFDM configurations**

When SAR measurement is required for 802.11 a/n/ac OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. When the same transmitter and antenna(s) are used for U-NII-1 and U-NII-2A bands, additional SAR test reduction applies. When band gap channels between U-NII-2C band and 5.8 GHz U-NII-3 or §15.247 band are supported, the highest maximum output power transmission mode configuration and maximum output power channel across the bands must be used to determine SAR test reduction, according to the initial test configuration and subsequent test configuration requirements. In applying the initial test configuration and subsequent test configuration procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.

7.2.4 LTE Test Configuration

LTE modes were tested according to FCC KDB 941225 D05 publication. Please see notes after the tabulated SAR data for required test configurations. Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. The R&S CMW500 was used for LTE output power measurements and SAR testing. Max power control was used so the UE transmits with maximum output power during SAR testing. SAR must be measured with the maximum TTI (transmit time interval) supported by the device in each LTE configuration.

A) Spectrum Plots for RB Configurations

A properly configured base station simulator was used for SAR tests and power measurements. Therefore, spectrum plots for RB configurations were not required to be included in this report.

B) 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 TS36.101 V13.5.0 (201609) Section 6.2.3 – 6.2.5 under Table 6.2.3-1.

Modulation	Channel bandwidth / Transmission bandwidth (N_{RB})						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

C) A-MPR

A-MPR (Additional MPR) has been disabled for all SAR tests by setting NS=01 on the base station simulator.

D) Largest channel bandwidth standalone SAR test requirements

1) QPSK with 1 RB allocation

Start with the 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. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2) QPSK with 50% RB allocation

The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.

3) QPSK with 100% RB allocation

For 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 in 1) and 2) 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.

4) Higher order modulations

For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in above sections to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is > ½ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

E) Other channel bandwidth standalone SAR test requirements

For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section A) to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is > ½ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

7.2.5 NR Band Test Configuration

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

Band			n2	n5	n 12	n 25	n 30	n41	n 48	n66	N71	n77	n 78
NR mode		SA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		NSA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modulation	DFT-s-OFDM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	CP-OFDM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Duty Cycle			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

2. 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 ½ 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/64QMA/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the PI/2 BPSK/16QAM/64QMA/256QAM and smaller bandwidth output power will not ½ 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 ½ 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 ½ 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

3. 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	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
		≤ 0.5[2]	≤ 0.5[2]	0[2]
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	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 n41, n77. The reference power of 0 dB MPR is 26dBm.

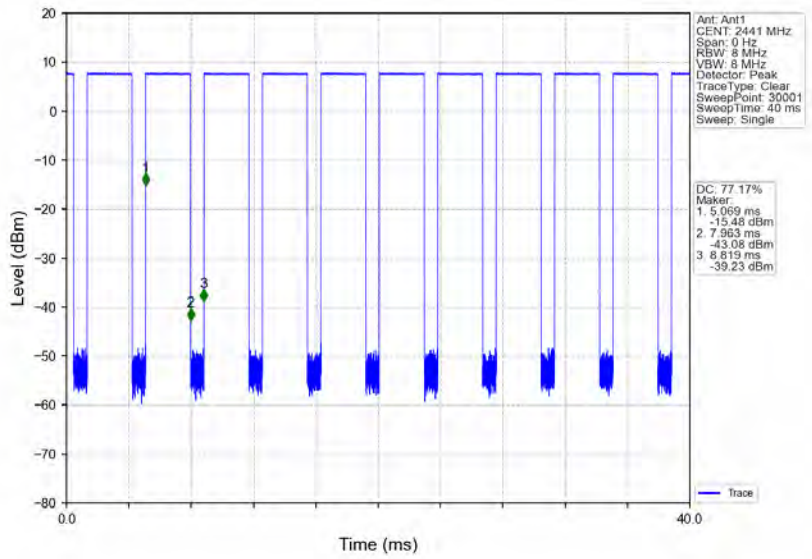
NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n41, n77 with Pi/2 BPSK modulation and if the IE powerBoostPi2BPSK is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n41, n77.

7.2.6 BluetoothTest Configuration

For the Bluetooth SAR tests, a communication link is set up with the test mode software for BT mode test. Bluetooth USES frequency hopping technology to divide the transmitted data into packets and transmit the packets respectively through 79 designated Bluetooth channels, 1MHz Bandwidth, frequency hops at 1600 hops/second per the Bluetooth standard. The Radio Frequency Channel Number (RFCN) is allocated to 0, 39 and 78 respectively in the case of 2402~2480 MHz during the test at each test frequency channel, the EUT is operated at the RF continuous emission mode.

7.2.6.1 Duty cycle

Bluetooth duty cycle: 77.17%



8 Test Result

8.1 Measurement of RF Conducted Power

Please see the Appendix E

8.2 Measurement of SAR Data

Note:

1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B

2) Per FCC KDB Publication 447498 D04, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg (2.0W/kg for 10g) then testing at the other channels is not required for such test configuration(s).

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 ≤ 1.2 W/kg, SAR test for the other 802.11 modes are not required.

WiFi 5G:

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 ⩽ 1.2 W/kg, SAR test for the other 802.11 modes are not required.

8.2.1 SAR Result Of GSM 850

Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	GPRS 4TS	190/836.6	1:8.3	0.112	0.14	26.63	27.00	1.089	0.122	22.1	1.6
Left tilted	GPRS 4TS	190/836.6	1:8.3	0.075	-0.19	26.63	27.00	1.089	0.082	22.1	1.6
Right cheek	GPRS 4TS	190/836.6	1:8.3	0.117	-0.01	26.63	27.00	1.089	**0.127**	22.1	1.6
Right tilted	GPRS 4TS	190/836.6	1:8.3	0.070	0.18	26.63	27.00	1.089	0.076	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	GPRS 4TS	190/836.6	1:8.3	0.112	0.04	26.63	27.00	1.089	0.122	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	GPRS 4TS	190/836.6	1:2.075	0.091	0.1	26.63	27.00	1.089	0.099	22.1	1.6
Back side	GPRS 4TS	190/836.6	1:2.075	0.108	0.03	26.63	27.00	1.089	**0.118**	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	GPRS 4TS	190/836.6	1:2.075	0.102	0.03	26.63	27.00	1.089	0.111	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	GPRS 4TS	190/836.6	1:2.075	0.091	-0.1	26.63	27.00	1.089	0.099	22.1	1.6
Back side	GPRS 4TS	190/836.6	1:2.075	0.159	-0.01	26.63	27.00	1.089	**0.173**	22.1	1.6
Left side	GPRS 4TS	190/836.6	1:2.075	0.021	0.01	26.63	27.00	1.089	0.023	22.1	1.6
Right side	GPRS 4TS	190/836.6	1:2.075	0.086	-0.08	26.63	27.00	1.089	0.094	22.1	1.6
Top side	GPRS 4TS	190/836.6	1:2.075	0.003	-0.18	26.63	27.00	1.089	0.003	22.1	1.6
Bottom side	GPRS 4TS	190/836.6	1:2.075	0.014	-0.16	26.63	27.00	1.089	0.015	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	GPRS 4TS	190/836.6	1:2.075	0.149	0.03	26.63	27.00	1.089	0.162	22.1	1.6

8.2.2 SAR Result Of PCS 1900

Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift(dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	GPRS 3TS	661/1880	1:2.77	0.129	-0.11	27.93	28.00	1.016	0.131	22.3	1.6
Left tilted	GPRS 3TS	661/1880	1:2.77	0.123	-0.16	27.93	28.00	1.016	0.125	22.3	1.6
Right cheek	GPRS 3TS	661/1880	1:2.77	0.169	-0.03	27.93	28.00	1.016	**0.172**	22.3	1.6
Right tilted	GPRS 3TS	661/1880	1:2.77	0.108	-0.19	27.93	28.00	1.016	0.110	22.3	1.6
Head Test data at the worst case with SIM2											
Right cheek	GPRS 3TS	661/1880	1:2.77	0.161	0.01	27.93	28.00	1.016	0.164	22.3	1.6
Sensor on Body worn Test data(Separate 15mm)											
Front side	GPRS 3TS	661/1880	1:2.77	0.119	0.02	23.94	24.00	1.014	0.121	22.3	1.6
Back side	GPRS 3TS	661/1880	1:2.77	0.851	-0.01	23.94	24.00	1.014	**0.863**	22.3	1.6
Back side	GPRS 3TS	512/1850.2	1:2.77	0.283	0.04	23.03	24.00	1.250	0.354	22.3	1.6
Back side	GPRS 3TS	810/1909.8	1:2.77	0.809	0.1	23.64	24.00	1.086	0.879	22.3	1.6
Back side-repeat	GPRS 3TS	661/1880	1:2.77	0.823	0.01	23.94	24.00	1.014	0.834	22.3	1.6
Sensor on Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	GPRS 3TS	661/1880	1:2.77	0.832	0.05	23.94	24.00	1.014	0.844	22.3	1.6
Sensor off Body worn Distance SAR Test data											
Front side 69mm	GPRS 3TS	661/1880	1:2.77	0.021	-0.19	27.93	28.00	1.016	0.021	22.3	1.6
Back side 49mm	GPRS 3TS	661/1880	1:2.77	0.056	-0.08	27.93	28.00	1.016	0.057	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	GPRS 3TS	661/1880	1:2.77	0.168	-0.04	20.48	20.50	1.005	0.169	22.3	1.6
Back side	GPRS 3TS	661/1880	1:2.77	0.806	-0.01	20.48	20.50	1.005	**0.810**	22.3	1.6
Back side	GPRS 3TS	512/1850.2	1:2.77	0.296	0.09	19.47	20.50	1.268	0.375	22.3	1.6
Back side	GPRS 3TS	810/1909.8	1:2.77	0.737	0.16	20.33	20.50	1.040	0.766	22.3	1.6
Left side	GPRS 3TS	661/1880	1:2.77	0.01	-0.01	20.48	20.50	1.005	0.010	22.3	1.6
Right side	GPRS 3TS	661/1880	1:2.77	0.052	0.09	20.48	20.50	1.005	0.052	22.3	1.6
Top side	GPRS 3TS	661/1880	1:2.77	0.011	-0.18	20.48	20.50	1.005	0.011	22.3	1.6
Bottom side	GPRS 3TS	661/1880	1:2.77	0.496	0.02	20.48	20.50	1.005	0.498	22.3	1.6
Back side-repeat	GPRS 3TS	661/1880	1:2.77	0.794	0.02	20.48	20.50	1.005	0.798	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	GPRS 3TS	661/1880	1:2.77	0.781	0.03	20.48	20.50	1.005	0.785	22.3	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted Power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp**	**SAR limit (W/kg) 10-g**
Sensor on Extremity Test data(Separate 0mm)											
Back side	GPRS 4TS	661/1880	1:2.075	2.13	0.05	26.82	27.00	1.042	**2.220**	22.3	4.0

Back side	GPRS 4TS	512/1850.2	1:2.075	0.779	-0.06	25.93	27.00	1.279	0.997	22.3	4.0
Back side	GPRS 4TS	810/1909.8	1:2.075	2.09	0.04	26.76	27.00	1.057	2.209	22.3	4.0
Bottom side	GPRS 4TS	661/1880	1:2.075	1.93	0.15	26.82	27.00	1.042	2.012	22.3	4.0
Bottom side	GPRS 4TS	512/1850.2	1:2.075	0.642	0.12	25.93	27.00	1.279	0.821	22.3	4.0
Bottom side	GPRS 4TS	810/1909.8	1:2.075	1.86	0.03	26.76	27.00	1.057	1.966	22.3	4.0
Back side-repeat	GPRS 4TS	661/1880	1:2.075	2.08	0.03	26.82	27.00	1.042	2.168	22.3	4.0
Sensor on Extremity Test data at the worst case with SIM2(Separate 0mm)											
Back side	GPRS 4TS	661/1880	1:2.075	2.06	0.01	26.82	27.00	1.042	2.147	22.3	4.0
Sensor off Extremity Distance SAR Test data											
Back side 49mm	GPRS 3TS	661/1880	1:2.77	0.023	-0.08	27.93	28.00	1.016	0.023	22.3	4.0
Bottom side 62mm	GPRS 3TS	661/1880	1:2.77	0.014	0.04	27.93	28.00	1.016	0.014	22.3	4.0

8.2.3 SAR Result Of WCDMA Band II

WCDMA Band II Ant0 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted Power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	RMC	9400/1880	1:1	0.148	-0.06	24.62	25.00	1.091	0.162	22.3	1.6
Left tilted	RMC	9400/1880	1:1	0.141	0.14	24.62	25.00	1.091	0.154	22.3	1.6
Right cheek	RMC	9400/1880	1:1	0.191	0.02	24.62	25.00	1.091	**0.208**	22.3	1.6
Right tilted	RMC	9400/1880	1:1	0.122	0.14	24.62	25.00	1.091	0.133	22.3	1.6
Head Test data at the worst case with SIM2											
Right cheek	RMC	9400/1880	1:1	0.187	0.03	24.62	25.00	1.091	0.204	22.3	1.6
Body worn Test data (Separate 15mm)											
Front side	RMC	9400/1880	1:1	0.287	0.15	22.67	23.00	1.079	0.310	22.3	1.6
Back side	RMC	9400/1880	1:1	0.681	-0.04	22.67	23.00	1.079	**0.735**	22.3	1.6
Body worn Test data at the worst case with SIM2 (Separate 15mm)											
Back side	RMC	9262/1852.4	1:1	0.639	0.02	22.67	23.00	1.079	0.689	22.3	1.6
Body worn Distance SAR Test data											
Front side 69mm	RMC	9400/1880	1:2.77	0.021	-0.19	24.62	25.00	1.091	0.023	22.3	1.6
Back side 49mm	RMC	9400/1880	1:2.77	0.056	-0.08	24.62	25.00	1.091	0.061	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	RMC	9400/1880	1:1	0.229	0.17	22.72	23.00	1.067	0.244	22.3	1.6
Back side	RMC	9400/1880	1:1	0.620	0.15	22.72	23.00	1.067	**0.661**	22.3	1.6
Left side	RMC	9400/1880	1:1	0.038	0.01	22.72	23.00	1.067	0.041	22.3	1.6
Right side	RMC	9400/1880	1:1	0.121	0.01	22.72	23.00	1.067	0.129	22.3	1.6
Top side	RMC	9400/1880	1:1	0.002	0.1	22.72	23.00	1.067	0.002	22.3	1.6
Bottom side	RMC	9400/1880	1:1	0.528	0.02	22.72	23.00	1.067	0.563	22.3	1.6
Back side-repeat	RMC	9400/1880	1:1	0.585	0.08	22.72	23.00	1.067	0.624	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	RMC	9262/1852.4	1:1	0.924	0.01	23.57	24.00	1.104	1.020	22.3	1.6
Sensor on Extremity Test data(Separate 0mm)											
Back side	RMC	9400/1880	1:1	1.86	-0.16	23.66	24.00	1.081	2.011	22.3	4.0
Back side	RMC	9262/1852.4	1:1	2.24	-0.05	23.57	24.00	1.104	**2.473**	22.3	4.0
Back side	RMC	9538/1907.6	1:1	1.63	-0.08	23.45	24.00	1.135	1.850	22.3	4.0
Bottom side	RMC	9262/1852.4	1:1	1.68	-0.02	23.57	24.00	1.104	1.855	22.3	4.0
Back side-repeat	RMC	9262/1852.4	1:1	2.18	0.03	23.57	24.00	1.104	2.407	22.3	4.0
Sensor on Extremity Test data at the worst case with SIM2(Separate 0mm)											
Back side	RMC	9262/1852.4	1:1	2.16	-0.16	23.57	24.00	1.104	2.385	22.3	4.0
Sensor off Extremity Distance SAR Test data											

Back side 49mm	RMC	9262/1852.4	1:2.77	0.023	0.09	24.55	25.00	1.109	0.026	22.3	4.0
Bottom side 62mm	RMC	9262/1852.4	1:2.77	0.018	0.18	24.55	25.00	1.109	0.020	22.3	4.0

8.2.4 SAR Result Of WCDMA Band IV

WCDMA Band IV Ant0 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted Power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	RMC	1412/1732.4	1:1	0.012	0.08	23.64	24.00	1.086	0.013	22.2	1.6
Left tilted	RMC	1412/1732.4	1:1	0.009	-0.02	23.64	24.00	1.086	0.010	22.2	1.6
Right cheek	RMC	1412/1732.4	1:1	0.056	0.02	23.64	24.00	1.086	**0.061**	22.2	1.6
Right tilted	RMC	1412/1732.4	1:1	0.016	-0.08	23.64	24.00	1.086	0.017	22.2	1.6
Head Test data at the worst case with SIM2											
Right cheek	RMC	1412/1732.4	1:1	0.042	0.01	23.64	24.00	1.086	0.046	22.2	1.6
Body worn Test data (Separate 15mm)											
Front side	RMC	1412/1732.4	1:1	0.171	0.16	22.69	23.00	1.074	0.184	22.2	1.6
Back side	RMC	1412/1732.4	1:1	0.689	-0.05	22.69	23.00	1.074	**0.740**	22.2	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	RMC	1513/1752.6	1:1	0.635	0.02	22.69	23.00	1.074	0.682	22.2	1.6
Body worn Distance SAR Test data											
Back side 49mm	RMC	1412/1732.4	1:2.77	0.056	-0.08	23.64	24.00	1.086	0.061	22.2	1.6
Hotspot Test data(Separate 10mm)											
Front side	RMC	1412/1732.4	1:1	0.136	-0.15	20.62	21.00	1.091	0.148	22.2	1.6
Back side	RMC	1412/1732.4	1:1	0.543	0.19	20.62	21.00	1.091	**0.593**	22.2	1.6
Left side	RMC	1412/1732.4	1:1	0.006	-0.06	20.62	21.00	1.091	0.007	22.2	1.6
Right side	RMC	1412/1732.4	1:1	0.047	-0.04	20.62	21.00	1.091	0.051	22.2	1.6
Top side	RMC	1412/1732.4	1:1	0.009	0.14	20.62	21.00	1.091	0.010	22.2	1.6
Bottom side	RMC	1412/1732.4	1:1	0.392	0.05	20.62	21.00	1.091	0.428	22.2	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	RMC	1412/1732.4	1:1	0.523	-0.11	20.62	21.00	1.091	0.571	22.2	1.6

8.2.5 SAR Result Of WCDMA Band V

WCDMA Band V Ant0 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted Power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	RMC	4182/836.4	1:1	0.105	-0.02	23.96	25.00	1.271	**0.133**	22.1	1.6
Left tilted	RMC	4182/836.4	1:1	0.061	0.01	23.96	25.00	1.271	0.078	22.1	1.6
Right cheek	RMC	4182/836.4	1:1	0.102	-0.12	23.96	25.00	1.271	0.130	22.1	1.6
Right tilted	RMC	4182/836.4	1:1	0.061	-0.06	23.96	25.00	1.271	0.078	22.1	1.6
Head Test data at the worst case with SIM2											
Left cheek	RMC	4182/836.4	1:1	0.102	0.03	23.96	25.00	1.271	0.130	22.1	1.6
Body worn Test data (Separate 15mm)											
Front side	RMC	4182/836.4	1:1	0.074	-0.11	23.96	25.00	1.271	0.094	22.1	1.6
Back side	RMC	4182/836.4	1:1	0.095	0.06	23.96	25.00	1.271	**0.121**	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	RMC	4182/836.4	1:1	0.087	0.01	23.96	25.00	1.271	0.111	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	RMC	4182/836.4	1:1	0.095	0.02	23.96	25.00	1.271	0.121	22.1	1.6
Back side	RMC	4182/836.4	1:1	0.149	-0.02	23.96	25.00	1.271	**0.189**	22.1	1.6
Left side	RMC	4182/836.4	1:1	0.066	-0.11	23.96	25.00	1.271	0.084	22.1	1.6
Right side	RMC	4182/836.4	1:1	0.102	0.02	23.96	25.00	1.271	0.130	22.1	1.6
Top side	RMC	4182/836.4	1:1	0.004	-0.19	23.96	25.00	1.271	0.005	22.1	1.6
Bottom side	RMC	4182/836.4	1:1	0.012	0.05	23.96	25.00	1.271	0.015	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	RMC	4182/836.4	1:1	0.142	0.07	23.96	25.00	1.271	0.180	22.1	1.6

8.2.6 SAR Result Of LTE Band 2

LTE Band 2 SAR Ant1 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	20M_QPSK 1RB_0	18900/1880	1:1	0.014	-0.04	23.84	24.50	1.164	0.016	22.3	1.6
Left tilted	20M_QPSK 1RB_0	18900/1880	1:1	0.010	-0.07	23.84	24.50	1.164	0.012	22.3	1.6
Right cheek	20M_QPSK 1RB_0	18900/1880	1:1	0.024	-0.05	23.84	24.50	1.164	0.028	22.3	1.6
Right tilted	20M_QPSK 1RB_0	18900/1880	1:1	0.018	0.11	23.84	24.50	1.164	0.021	22.3	1.6
Left cheek	20M_QPSK 50RB_0	18900/1880	1:1	0.012	-0.02	22.94	23.50	1.138	0.014	22.3	1.6
Left tilted	20M_QPSK 50RB_0	18900/1880	1:1	0.008	0.01	22.94	23.50	1.138	0.009	22.3	1.6
Right cheek	20M_QPSK 50RB_0	18900/1880	1:1	0.020	0.14	22.94	23.50	1.138	0.023	22.3	1.6
Right tilted	20M_QPSK 50RB_0	18900/1880	1:1	0.016	-0.16	22.94	23.50	1.138	0.018	22.3	1.6
Head Test data at the worst case with SIM2											
Right cheek	20M_QPSK 1RB_0	18900/1880	1:1	0.021	0.003	23.84	24.50	1.164	0.024	22.3	1.6
Body worn Test data (Separate 15mm)											
Front side	20M_QPSK 1RB_0	18900/1880	1:1	0.025	0.02	23.84	24.50	1.164	0.029	22.3	1.6
Back side	20M_QPSK 1RB_0	18900/1880	1:1	0.076	0.17	23.84	24.50	1.164	0.088	22.3	1.6
Front side	20M_QPSK 50RB_0	18900/1880	1:1	0.021	0.11	22.94	23.50	1.138	0.024	22.3	1.6
Back side	20M_QPSK 50RB_0	18900/1880	1:1	0.068	0.16	22.94	23.50	1.138	0.077	22.3	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	18900/1880	1:1	0.071	-0.19	23.84	24.50	1.164	0.083	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	18900/1880	1:1	0.037	0.02	23.84	24.50	1.164	0.043	22.3	1.6
Back side	20M_QPSK 1RB_0	18900/1880	1:1	0.096	-0.11	23.84	24.50	1.164	0.112	22.3	1.6
Left side	20M_QPSK 1RB_0	18900/1880	1:1	0.005	0.03	23.84	24.50	1.164	0.006	22.3	1.6
Right side	20M_QPSK 1RB_0	18900/1880	1:1	0.067	0.05	23.84	24.50	1.164	0.078	22.3	1.6
Top side	20M_QPSK 1RB_0	18900/1880	1:1	0.012	0.03	23.84	24.50	1.164	0.014	22.3	1.6
Bottom side	20M_QPSK 1RB_0	18900/1880	1:1	0.003	0.12	23.84	24.50	1.164	0.003	22.3	1.6
Front side	20M_QPSK 50RB_0	18900/1880	1:1	0.032	-0.01	22.94	23.50	1.138	0.036	22.3	1.6
Back side	20M_QPSK 50RB_0	18900/1880	1:1	0.081	0.03	22.94	23.50	1.138	0.092	22.3	1.6
Left side	20M_QPSK 50RB_0	18900/1880	1:1	0.004	-0.19	22.94	23.50	1.138	0.005	22.3	1.6
Right side	20M_QPSK 50RB_0	18900/1880	1:1	0.057	-0.12	22.94	23.50	1.138	0.065	22.3	1.6
Top side	20M_QPSK 50RB_0	18900/1880	1:1	0.011	-0.19	22.94	23.50	1.138	0.013	22.3	1.6
Bottom side	20M_QPSK 50RB_0	18900/1880	1:1	0.002	0.14	22.94	23.50	1.138	0.002	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	18900/1880	1:1	0.087	0.08	23.84	24.50	1.164	0.101	22.3	1.6

LTE Band 2 SAR Ant4 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	18900/1880	1:1	0.404	-0.18	22.12	22.50	1.091	0.441	22.3	1.6
Left tilted	20M_QPSK 1RB_0	18900/1880	1:1	0.402	0.14	22.12	22.50	1.091	0.439	22.3	1.6
Right cheek	20M_QPSK 1RB_0	18900/1880	1:1	0.696	0.02	22.12	22.50	1.091	**0.760**	22.3	1.6
Right tilted	20M_QPSK 1RB_0	18900/1880	1:1	0.590	0.09	22.12	22.50	1.091	0.644	22.3	1.6
Left cheek	20M_QPSK 50RB_0	18900/1880	1:1	0.334	-0.11	21.82	22.50	1.169	0.391	22.3	1.6
Left tilted	20M_QPSK 50RB_0	18900/1880	1:1	0.330	0.19	21.82	22.50	1.169	0.386	22.3	1.6
Right cheek	20M_QPSK 50RB_0	18900/1880	1:1	0.578	0.18	21.82	22.50	1.169	0.676	22.3	1.6
Right tilted	20M_QPSK 50RB_0	18900/1880	1:1	0.509	0.07	21.82	22.50	1.169	0.595	22.3	1.6
Body worn Test data (Separate 15mm)											
Front side	20M_QPSK 1RB_0	18900/1880	1:1	0.167	-0.04	24.13	24.50	1.089	0.182	22.3	1.6
Back side	20M_QPSK 1RB_0	18900/1880	1:1	0.436	-0.03	24.13	24.50	1.089	**0.475**	22.3	1.6
Front side	20M_QPSK 50RB_0	18900/1880	1:1	0.136	-0.13	22.92	23.50	1.143	0.155	22.3	1.6
Back side	20M_QPSK 50RB_0	18900/1880	1:1	0.346	0.11	22.92	23.50	1.143	0.395	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	18900/1880	1:1	0.109	0.13	21.09	21.50	1.099	0.120	22.3	1.6
Back side	20M_QPSK 1RB_0	18900/1880	1:1	0.312	0.09	21.09	21.50	1.099	**0.343**	22.3	1.6
Left side	20M_QPSK 1RB_0	18900/1880	1:1	0.055	-0.13	21.09	21.50	1.099	0.060	22.3	1.6
Right side	20M_QPSK 1RB_0	18900/1880	1:1	0.002	-0.02	21.09	21.50	1.099	0.002	22.3	1.6
Top side	20M_QPSK 1RB_0	18900/1880	1:1	0.310	-0.09	21.09	21.50	1.099	0.341	22.3	1.6
Bottom side	20M_QPSK 1RB_0	18900/1880	1:1	0.005	0.07	21.09	21.50	1.099	0.005	22.3	1.6
Front side	20M_QPSK 50RB_0	18900/1880	1:1	0.101	0.14	21.01	21.50	1.119	0.113	22.3	1.6
Back side	20M_QPSK 50RB_0	18900/1880	1:1	0.302	0.16	21.01	21.50	1.119	0.338	22.3	1.6
Left side	20M_QPSK 50RB_0	18900/1880	1:1	0.051	0.12	21.01	21.50	1.119	0.057	22.3	1.6
Right side	20M_QPSK 50RB_0	18900/1880	1:1	0.001	0.09	21.01	21.50	1.119	0.001	22.3	1.6
Top side	20M_QPSK 50RB_0	18900/1880	1:1	0.283	0.08	21.01	21.50	1.119	0.317	22.3	1.6
Bottom side	20M_QPSK 50RB_0	18900/1880	1:1	0.004	0.19	21.01	21.50	1.119	0.004	22.3	1.6

8.2.7 SAR Result Of LTE Band 5

LTE Band 5 SAR Ant0 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	10M_QPSK 1RB_0	20525/836.5	1:1	0.092	0.14	23.77	24.00	1.054	0.097	22.1	1.6
Left tilted	10M_QPSK 1RB_0	20525/836.5	1:1	0.056	-0.1	23.77	24.00	1.054	0.059	22.1	1.6
Right cheek	10M_QPSK 1RB_0	20525/836.5	1:1	0.096	0.04	23.77	24.00	1.054	**0.101**	22.1	1.6
Right tilted	10M_QPSK 1RB_0	20525/836.5	1:1	0.065	-0.1	23.77	24.00	1.054	0.069	22.1	1.6
Left cheek	10M_QPSK 25RB_0	20525/836.5	1:1	0.082	-0.12	22.81	23.00	1.045	0.086	22.1	1.6
Left tilted	10M_QPSK 25RB_0	20525/836.5	1:1	0.045	-0.01	22.81	23.00	1.045	0.047	22.1	1.6
Right cheek	10M_QPSK 25RB_0	20525/836.5	1:1	0.082	-0.06	22.81	23.00	1.045	0.086	22.1	1.6
Right tilted	10M_QPSK 25RB_0	20525/836.5	1:1	0.052	-0.11	22.81	23.00	1.045	0.054	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	10M_QPSK 1RB_0	20525/836.5	1:1	0.091	0.01	23.77	24.00	1.054	0.096	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	20525/836.5	1:1	0.054	-0.1	23.77	24.00	1.054	0.057	22.1	1.6
Back side	10M_QPSK 1RB_0	20525/836.5	1:1	0.085	0.07	23.77	24.00	1.054	**0.090**	22.1	1.6
Front side	10M_QPSK 25RB_0	20525/836.5	1:1	0.052	0.15	22.81	23.00	1.045	0.054	22.1	1.6
Back side	10M_QPSK 25RB_0	20525/836.5	1:1	0.071	-0.08	22.81	23.00	1.045	0.074	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	10M_QPSK 1RB_0	20525/836.5	1:1	0.081	0.01	23.77	24.00	1.054	0.085	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	20525/836.5	1:1	0.071	-0.08	23.77	24.00	1.054	0.075	22.1	1.6
Back side	10M_QPSK 1RB_0	20525/836.5	1:1	0.129	-0.01	23.77	24.00	1.054	**0.136**	22.1	1.6
Left side	10M_QPSK 1RB_0	20525/836.5	1:1	0.045	-0.14	23.77	24.00	1.054	0.047	22.1	1.6
Right side	10M_QPSK 1RB_0	20525/836.5	1:1	0.076	-0.05	23.77	24.00	1.054	0.080	22.1	1.6
Top side	10M_QPSK 1RB_0	20525/836.5	1:1	0.008	-0.01	23.77	24.00	1.054	0.008	22.1	1.6
Bottom side	10M_QPSK 1RB_0	20525/836.5	1:1	0.019	-0.18	23.77	24.00	1.054	0.020	22.1	1.6
Front side	10M_QPSK 25RB_0	20525/836.5	1:1	0.056	0.01	22.81	23.00	1.045	0.059	22.1	1.6
Back side	10M_QPSK 25RB_0	20525/836.5	1:1	0.101	-0.17	22.81	23.00	1.045	0.106	22.1	1.6
Left side	10M_QPSK 25RB_0	20525/836.5	1:1	0.036	-0.05	22.81	23.00	1.045	0.038	22.1	1.6
Right side	10M_QPSK 25RB_0	20525/836.5	1:1	0.061	0.13	22.81	23.00	1.045	0.064	22.1	1.6
Top side	10M_QPSK 25RB_0	20525/836.5	1:1	0.005	-0.14	22.81	23.00	1.045	0.005	22.1	1.6
Bottom side	10M_QPSK 25RB_0	20525/836.5	1:1	0.015	-0.11	22.81	23.00	1.045	0.016	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	10M_QPSK 1RB_0	20525/836.5	1:1	0.115	-0.19	23.77	24.00	1.054	0.121	22.1	1.6

8.2.8 SAR Result Of LTE Band 7

LTE Band 7 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	21100/2535.5	1:1	0.026	0.01	24.33	24.50	1.040	**0.027**	22.1	1.6
Left tilted	20M_QPSK 1RB_0	21100/2535.5	1:1	0.013	0.03	24.33	24.50	1.040	0.014	22.1	1.6
Right cheek	20M_QPSK 1RB_0	21100/2535.5	1:1	0.023	0.02	24.33	24.50	1.040	0.024	22.1	1.6
Right tilted	20M_QPSK 1RB_0	21100/2535.5	1:1	0.016	0.19	24.33	24.50	1.040	0.017	22.1	1.6
Left cheek	20M_QPSK 50RB_0	21100/2535.5	1:1	0.022	-0.07	23.44	23.50	1.014	0.022	22.1	1.6
Left tilted	20M_QPSK 50RB_0	21100/2535.5	1:1	0.010	-0.15	23.44	23.50	1.014	0.010	22.1	1.6
Right cheek	20M_QPSK 50RB_0	21100/2535.5	1:1	0.020	-0.19	23.44	23.50	1.014	0.020	22.1	1.6
Right tilted	20M_QPSK 50RB_0	21100/2535.5	1:1	0.014	-0.19	23.44	23.50	1.014	0.014	22.1	1.6
Head Test data (Separate 15mm)											
Left cheek	20M_QPSK 1RB_0	21100/2535.5	1:1	0.022	0.12	24.33	24.50	1.040	0.023	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	21100/2535.5	1:1	0.270	0.08	24.33	24.50	1.040	0.281	22.1	1.6
Back side	20M_QPSK 1RB_0	21100/2535.5	1:1	0.388	0.01	24.33	24.50	1.040	**0.403**	22.1	1.6
Left cheek	20M_QPSK 50RB_0	21100/2535.5	1:1	0.232	-0.16	23.44	23.50	1.014	0.235	22.1	1.6
Left tilted	20M_QPSK 50RB_0	21100/2535.5	1:1	0.325	-0.04	23.44	23.50	1.014	0.330	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	21100/2535.5	1:1	0.378	-0.18	24.33	24.50	1.040	0.393	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	21100/2535	1:1	0.540	-0.19	24.33	24.50	1.040	0.562	22.1	1.6
Back side	20M_QPSK 1RB_0	21100/2535	1:1	0.797	0.15	24.33	24.50	1.040	0.829	22.1	1.6
Back side	20M_QPSK 1RB_0	20850/2510	1:1	0.715	0.01	24.28	24.50	1.052	0.752	22.1	1.6
Back side	20M_QPSK 1RB_0	21350/2560	1:1	0.801	0.05	24.21	24.50	1.069	**0.856**	22.1	1.6
Left side	20M_QPSK 1RB_0	21100/2535	1:1	0.063	-0.05	24.33	24.50	1.040	0.066	22.1	1.6
Right side	20M_QPSK 1RB_0	21100/2535	1:1	0.132	0.09	24.33	24.50	1.040	0.137	22.1	1.6
Top side	20M_QPSK 1RB_0	21100/2535	1:1	0.011	0.11	24.33	24.50	1.040	0.011	22.1	1.6
Bottom side	20M_QPSK 1RB_0	21100/2535	1:1	0.739	0.08	24.33	24.50	1.040	0.769	22.1	1.6
Back side-repeat	20M_QPSK 1RB_0	21350/2560	1:1	0.755	0.01	24.21	24.50	1.069	0.807	22.1	1.6
Front side	20M_QPSK 50RB_0	21100/2535	1:1	0.465	0.01	23.44	23.50	1.014	0.471	22.1	1.6
Back side	20M_QPSK 50RB_0	21100/2535	1:1	0.636	-0.04	23.44	23.50	1.014	0.645	22.1	1.6
Left side	20M_QPSK 50RB_0	21100/2535	1:1	0.056	-0.15	23.44	23.50	1.014	0.057	22.1	1.6
Right side	20M_QPSK 50RB_0	21100/2535	1:1	0.107	0.19	23.44	23.50	1.014	0.108	22.1	1.6
Top side	20M_QPSK 50RB_0	21100/2535	1:1	0.007	-0.02	23.44	23.50	1.014	0.007	22.1	1.6

Bottom side	20M_QPSK 50RB_0	21100/2535	1:1	0.668	0.07	23.44	23.50	1.014	0.677	22.1	1.6
Back side	20M_QPSK 100RB_0	21350/2560	1:1	0.626	-0.16	23.46	23.50	1.009	0.632	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	21350/2560	1:1	0.824	0.03	23.44	23.50	1.014	0.835	22.1	1.6

8.2.9 SAR Result Of LTE Band 12

LTE Band 12 SAR Ant0 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	10M_QPSK 1RB_0	23095/707.5	1:1	0.035	0.16	24.00	24.50	1.122	0.039	22.1	1.6
Left tilted	10M_QPSK 1RB_0	23095/707.5	1:1	0.02	-0.04	24.00	24.50	1.122	0.022	22.1	1.6
Right cheek	10M_QPSK 1RB_0	23095/707.5	1:1	0.042	-0.07	24.00	24.50	1.122	**0.047**	22.1	1.6
Right tilted	10M_QPSK 1RB_0	23095/707.5	1:1	0.027	-0.13	24.00	24.50	1.122	0.030	22.1	1.6
Left cheek	10M_QPSK 25RB_0	23095/707.5	1:1	0.029	0.07	23.16	23.50	1.081	0.031	22.1	1.6
Left tilted	10M_QPSK 25RB_0	23095/707.5	1:1	0.011	-0.03	23.16	23.50	1.081	0.012	22.1	1.6
Right cheek	10M_QPSK 25RB_0	23095/707.5	1:1	0.034	-0.1	23.16	23.50	1.081	0.037	22.1	1.6
Right tilted	10M_QPSK 25RB_0	23095/707.5	1:1	0.024	0.12	23.16	23.50	1.081	0.026	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	10M_QPSK 1RB_0	23095/707.5	1:1	0.036	-0.03	24.00	24.50	1.122	0.040	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	23095/707.5	1:1	0.077	0.14	24.00	24.50	1.122	0.086	22.1	1.6
Back side	10M_QPSK 1RB_0	23095/707.5	1:1	0.112	-0.03	24.00	24.50	1.122	**0.126**	22.1	1.6
Front side	10M_QPSK 25RB_0	23095/707.5	1:1	0.065	-0.19	23.16	23.50	1.081	0.070	22.1	1.6
Back side	10M_QPSK 25RB_0	23095/707.5	1:1	0.096	-0.17	23.16	23.50	1.081	0.104	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	10M_QPSK 1RB_0	23095/707.5	1:1	0.104	-0.04	24.00	24.50	1.122	0.117	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	23095/707.5	1:1	0.086	-0.16	24.00	24.50	1.122	0.096	22.1	1.6
Back side	10M_QPSK 1RB_0	23095/707.5	1:1	0.143	-0.03	24.00	24.50	1.122	**0.160**	22.1	1.6
Left side	10M_QPSK 1RB_0	23095/707.5	1:1	0.081	-0.09	24.00	24.50	1.122	0.091	22.1	1.6
Right side	10M_QPSK 1RB_0	23095/707.5	1:1	0.113	0.12	24.00	24.50	1.122	0.127	22.1	1.6
Top side	10M_QPSK 1RB_0	23095/707.5	1:1	0.007	-0.05	24.00	24.50	1.122	0.008	22.1	1.6
Bottom side	10M_QPSK 1RB_0	23095/707.5	1:1	0.016	-0.05	24.00	24.50	1.122	0.018	22.1	1.6
Front side	10M_QPSK 25RB_0	23095/707.5	1:1	0.072	-0.05	23.16	23.50	1.081	0.078	22.1	1.6
Back side	10M_QPSK 25RB_0	23095/707.5	1:1	0.12	0.16	23.16	23.50	1.081	0.130	22.1	1.6
Left side	10M_QPSK 25RB_0	23095/707.5	1:1	0.066	0.01	23.16	23.50	1.081	0.071	22.1	1.6
Right side	10M_QPSK 25RB_0	23095/707.5	1:1	0.094	-0.06	23.16	23.50	1.081	0.102	22.1	1.6
Top side	10M_QPSK 25RB_0	23095/707.5	1:1	0.006	-0.16	23.16	23.50	1.081	0.006	22.1	1.6
Bottom side	10M_QPSK 25RB_0	23095/707.5	1:1	0.012	-0.05	23.16	23.50	1.081	0.013	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	10M_QPSK 1RB_0	23095/707.5	1:1	0.136	-0.08	24.00	24.50	1.122	0.153	22.1	1.6

8.2.10 SAR Result Of LTE Band 13

LTE Band 13 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	10M_QPSK 1RB_0	23230/782	1:1	0.076	0.1	23.96	24.50	1.132	0.086	22.1	1.6
Left tilted	10M_QPSK 1RB_0	23230/782	1:1	0.046	0.13	23.96	24.50	1.132	0.052	22.1	1.6
Right cheek	10M_QPSK 1RB_0	23230/782	1:1	0.079	0.01	23.96	24.50	1.132	**0.089**	22.1	1.6
Right tilted	10M_QPSK 1RB_0	23230/782	1:1	0.052	-0.11	23.96	24.50	1.132	0.059	22.1	1.6
Left cheek	10M_QPSK 25RB_0	23230/782	1:1	0.066	-0.11	22.98	23.50	1.127	0.074	22.1	1.6
Left tilted	10M_QPSK 25RB_0	23230/782	1:1	0.039	-0.02	22.98	23.50	1.127	0.044	22.1	1.6
Right cheek	10M_QPSK 25RB_0	23230/782	1:1	0.065	-0.13	22.98	23.50	1.127	0.073	22.1	1.6
Right tilted	10M_QPSK 25RB_0	23230/782	1:1	0.044	0.16	22.98	23.50	1.127	0.050	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	10M_QPSK 1RB_0	23230/782	1:1	0.072	-0.17	23.96	24.50	1.132	0.082	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	23230/782	1:1	0.072	0.16	23.96	24.50	1.132	0.082	22.1	1.6
Back side	10M_QPSK 1RB_0	23230/782	1:1	0.095	0.08	23.96	24.50	1.132	**0.108**	22.1	1.6
Front side	10M_QPSK 25RB_0	23230/782	1:1	0.063	0.04	22.98	23.50	1.127	0.071	22.1	1.6
Back side	10M_QPSK 25RB_0	23230/782	1:1	0.08	0.19	22.98	23.50	1.127	0.090	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	10M_QPSK 1RB_0	23230/782	1:1	0.089	0.03	23.96	24.50	1.132	0.101	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	23230/782	1:1	0.081	-0.01	23.96	24.50	1.132	0.092	22.1	1.6
Back side	10M_QPSK 1RB_0	23230/782	1:1	0.128	0.04	23.96	24.50	1.132	**0.145**	22.1	1.6
Left side	10M_QPSK 1RB_0	23230/782	1:1	0.056	-0.03	23.96	24.50	1.132	0.063	22.1	1.6
Right side	10M_QPSK 1RB_0	23230/782	1:1	0.087	0.14	23.96	24.50	1.132	0.099	22.1	1.6
Top side	10M_QPSK 1RB_0	23230/782	1:1	0.014	-0.05	23.96	24.50	1.132	0.016	22.1	1.6
Bottom side	10M_QPSK 1RB_0	23230/782	1:1	0.011	-0.08	23.96	24.50	1.132	0.012	22.1	1.6
Front side	10M_QPSK 25RB_0	23230/782	1:1	0.069	-0.13	22.98	23.50	1.127	0.078	22.1	1.6
Back side	10M_QPSK 25RB_0	23230/782	1:1	0.109	-0.07	22.98	23.50	1.127	0.123	22.1	1.6
Left side	10M_QPSK 25RB_0	23230/782	1:1	0.048	0.05	22.98	23.50	1.127	0.054	22.1	1.6
Right side	10M_QPSK 25RB_0	23230/782	1:1	0.072	-0.04	22.98	23.50	1.127	0.081	22.1	1.6
Top side	10M_QPSK 25RB_0	23230/782	1:1	0.013	-0.19	22.98	23.50	1.127	0.015	22.1	1.6
Bottom side	10M_QPSK 25RB_0	23230/782	1:1	0.007	-0.13	22.98	23.50	1.127	0.008	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	10M_QPSK 1RB_0	23230/782	1:1	0.121	0.01	23.96	24.50	1.132	0.137	22.1	1.6

8.2.11SAR Result Of LTE Band 14

LTE Band 14 SAR Ant0 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	10M_QPSK 1RB_0	23330/793	1:1	0.081	-0.15	23.97	24.50	1.130	0.092	22.1	1.6
Left tilted	10M_QPSK 1RB_0	23330/793	1:1	0.049	0.06	23.97	24.50	1.130	0.055	22.1	1.6
Right cheek	10M_QPSK 1RB_0	23330/793	1:1	0.084	-0.01	23.97	24.50	1.130	**0.095**	22.1	1.6
Right tilted	10M_QPSK 1RB_0	23330/793	1:1	0.056	0.13	23.97	24.50	1.130	0.063	22.1	1.6
Left cheek	10M_QPSK 25RB_0	23330/793	1:1	0.068	-0.06	23.06	23.50	1.107	0.075	22.1	1.6
Left tilted	10M_QPSK 25RB_0	23330/793	1:1	0.04	-0.08	23.06	23.50	1.107	0.044	22.1	1.6
Right cheek	10M_QPSK 25RB_0	23330/793	1:1	0.065	0.1	23.06	23.50	1.107	0.072	22.1	1.6
Right tilted	10M_QPSK 25RB_0	23330/793	1:1	0.043	-0.11	23.06	23.50	1.107	0.048	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	10M_QPSK 1RB_0	23330/793	1:1	0.078	0.16	23.97	24.50	1.130	0.088	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	23330/793	1:1	0.072	-0.14	23.97	24.50	1.130	0.081	22.1	1.6
Back side	10M_QPSK 1RB_0	23330/793	1:1	0.093	0.1	23.97	24.50	1.130	**0.105**	22.1	1.6
Front side	10M_QPSK 25RB_0	23330/793	1:1	0.058	0.07	23.06	23.50	1.107	0.064	22.1	1.6
Back side	10M_QPSK 25RB_0	23330/793	1:1	0.075	0.02	23.06	23.50	1.107	0.083	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 10mm)											
Back side	10M_QPSK 1RB_0	23330/793	1:1	0.085	0.01	23.97	24.50	1.130	0.096	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	23330/793	1:1	0.077	0.13	23.97	24.50	1.130	0.087	22.1	1.6
Back side	10M_QPSK 1RB_0	23330/793	1:1	0.125	-0.03	23.97	24.50	1.130	**0.141**	22.1	1.6
Left side	10M_QPSK 1RB_0	23330/793	1:1	0.053	0.11	23.97	24.50	1.130	0.060	22.1	1.6
Right side	10M_QPSK 1RB_0	23330/793	1:1	0.085	0.18	23.97	24.50	1.130	0.096	22.1	1.6
Top side	10M_QPSK 1RB_0	23330/793	1:1	0.009	0.03	23.97	24.50	1.130	0.010	22.1	1.6
Bottom side	10M_QPSK 1RB_0	23330/793	1:1	0.030	-0.17	23.97	24.50	1.130	0.034	22.1	1.6
Front side	10M_QPSK 25RB_0	23330/793	1:1	0.065	-0.17	23.06	23.50	1.107	0.072	22.1	1.6
Back side	10M_QPSK 25RB_0	23330/793	1:1	0.103	-0.15	23.06	23.50	1.107	0.114	22.1	1.6
Left side	10M_QPSK 25RB_0	23330/793	1:1	0.046	0.16	23.06	23.50	1.107	0.051	22.1	1.6
Right side	10M_QPSK 25RB_0	23330/793	1:1	0.070	0.12	23.06	23.50	1.107	0.077	22.1	1.6
Top side	10M_QPSK 25RB_0	23330/793	1:1	0.005	0.19	23.06	23.50	1.107	0.006	22.1	1.6
Bottom side	10M_QPSK 25RB_0	23330/793	1:1	0.025	0.05	23.06	23.50	1.107	0.028	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	10M_QPSK 1RB_0	23330/793	1:1	0.119	0.02	23.97	24.50	1.130	0.134	22.1	1.6

8.2.12 SAR Result Of LTE Band 25

LTE Band 25 SAR Ant0 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	20M_QPSK 1RB_0	26365/1882.5	1:1	0.131	-0.02	24.31	24.50	1.045	0.137	22.3	1.6
Left tilted	20M_QPSK 1RB_0	26365/1882.5	1:1	0.124	0.15	24.31	24.50	1.045	0.130	22.3	1.6
Right cheek	20M_QPSK 1RB_0	26365/1882.5	1:1	0.187	0.02	24.31	24.50	1.045	**0.195**	22.3	1.6
Right tilted	20M_QPSK 1RB_0	26365/1882.5	1:1	0.106	0.04	24.31	24.50	1.045	0.111	22.3	1.6
Left cheek	20M_QPSK 50RB_0	26365/1882.5	1:1	0.110	-0.13	23.48	23.50	1.005	0.111	22.3	1.6
Left tilted	20M_QPSK 50RB_0	26365/1882.5	1:1	0.108	0.13	23.48	23.50	1.005	0.108	22.3	1.6
Right cheek	20M_QPSK 50RB_0	26365/1882.5	1:1	0.155	0.05	23.48	23.50	1.005	0.156	22.3	1.6
Right tilted	20M_QPSK 50RB_0	26365/1882.5	1:1	0.102	-0.14	23.48	23.50	1.005	0.102	22.3	1.6
Head Test data at the worst case with SIM2											
Right cheek	20M_QPSK 1RB_0	26365/1882.5	1:1	0.179	0.16	24.31	24.50	1.045	0.187	22.3	1.6
Sensor on Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.277	0.01	21.42	21.50	1.019	0.282	22.3	1.6
Back side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.711	-0.07	21.42	21.50	1.019	**0.724**	22.3	1.6
Front side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.226	0.05	21.33	21.50	1.040	0.235	22.3	1.6
Back side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.584	0.04	21.33	21.50	1.040	0.607	22.3	1.6
Back side	20M_QPSK 100RB_0	26365/1882.5	1:1	0.659	-0.14	21.42	21.50	1.019	0.671	22.3	1.6
Sensor on Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.701	0.06	21.42	21.50	1.019	0.714	22.3	1.6
Sensor off Body worn Distance SAR Test data											
Front side 69mm	20M_QPSK 1RB_0	26365/1882.5	1:1	0.025	0.009	24.31	24.50	1.045	0.026	22.3	1.6
Back side 49mm	20M_QPSK 1RB_0	26365/1882.5	1:1	0.065	0.03	24.31	24.50	1.045	0.068	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.258	-0.04	18.43	18.50	1.016	0.262	22.3	1.6
Back side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.780	0.04	18.43	18.50	1.016	**0.793**	22.3	1.6
Left side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.033	0.19	18.43	18.50	1.016	0.034	22.3	1.6
Right side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.136	0.15	18.43	18.50	1.016	0.138	22.3	1.6
Top side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.013	0.12	18.43	18.50	1.016	0.013	22.3	1.6
Bottom side	20M_QPSK 1RB_0	26365/1882.5	1:1	0.778	0.08	18.43	18.50	1.016	0.791	22.3	1.6
Back side-repeat	20M_QPSK 1RB_0	26365/1882.5	1:1	0.758	-0.01	18.43	18.50	1.016	0.770	22.3	1.6
Front side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.218	0.13	18.28	18.50	1.052	0.229	22.3	1.6
Back side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.614	-0.17	18.28	18.50	1.052	0.646	22.3	1.6
Left side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.029	-0.02	18.28	18.50	1.052	0.031	22.3	1.6
Right side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.119	-0.03	18.28	18.50	1.052	0.125	22.3	1.6

Top side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.011	-0.03	18.28	18.50	1.052	0.012	22.3	1.6
Bottom side	20M_QPSK 50RB_0	26365/1882.5	1:1	0.656	-0.02	18.28	18.50	1.052	0.690	22.3	1.6
Back side	20M_QPSK 100RB_0	26140/1860	1:1	0.709	-0.15	18.31	18.50	1.045	0.741	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	26140/1860	1:1	0.901	0.03	18.28	18.50	1.052	0.948	22.3	1.6
Sensor on Extremity Test data(Separate 0mm)											
Back side	20M_QPSK 1RB_0	26365/1882.5	1:1	1.99	0.15	23.42	23.50	1.019	2.027	22.3	4.0
Back side	20M_QPSK 1RB_0	26140/1860	1:1	2.25	-0.01	23.36	23.50	1.033	**2.324**	22.3	4.0
Back side	20M_QPSK 1RB_0	26590/1905	1:1	1.58	0.02	23.39	23.50	1.026	1.621	22.3	4.0
Bottom side	20M_QPSK 1RB_0	26365/1882.5	1:1	1.81	0.11	23.42	23.50	1.019	1.844	22.3	4.0
Bottom side	20M_QPSK 1RB_0	26140/1860	1:1	2.12	-0.05	23.36	23.50	1.033	2.189	22.3	4.0
Bottom side	20M_QPSK 1RB_0	26590/1905	1:1	1.39	-0.04	23.39	23.50	1.026	1.426	22.3	4.0
Back side-repeat	20M_QPSK 1RB_0	26140/1860	1:1	2.18	-0.01	23.36	23.50	1.033	2.251	22.3	4.0
Back side	20M_QPSK 50RB_0	26365/1882.5	1:1	1.70	-0.04	23.34	23.50	1.038	1.764	22.3	4.0
Back side	20M_QPSK 50RB_0	26140/1860	1:1	2.05	-0.01	23.23	23.50	1.064	2.181	22.3	4.0
Back side	20M_QPSK 50RB_0	26590/1905	1:1	1.44	0.11	23.02	23.50	1.117	1.608	22.3	4.0
Bottom side	20M_QPSK 50RB_0	26365/1882.5	1:1	1.65	0.08	23.34	23.50	1.038	1.712	22.3	4.0
Bottom side	20M_QPSK 50RB_0	26365/1882.5	1:1	1.93	-0.11	23.23	23.50	1.064	2.054	22.3	4.0
Bottom side	20M_QPSK 50RB_0	26365/1882.5	1:1	1.26	-0.11	23.02	23.50	1.117	1.407	22.3	4.0
Sensor on Extremity Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	26140/1860	1:1	2.18	0.01	23.36	23.50	1.033	2.251	22.3	4.0
Sensor off Extremity Distance SAR Test data											
Back side 49mm	20M_QPSK 1RB_0	26140/1860	1:1	0.037	-0.11	24.19	24.50	1.074	0.040	22.3	1.6
Bottom side 62mm	20M_QPSK 1RB_0	26365/1882.5	1:1	0.019	0.03	24.31	24.50	1.045	0.020	22.3	1.6

8.2.13 SAR Result Of LTE Band 30

LTE Band 30 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.028	0.16	20.29	20.50	1.050	0.029	22.0	1.6
Left tilted	10M_QPSK 1RB_0	27710/2310	1:1	0.027	0.04	20.29	20.50	1.050	0.028	22.0	1.6
Right cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.037	-0.01	20.29	20.50	1.050	0.039	22.0	1.6
Right tilted	10M_QPSK 1RB_0	27710/2310	1:1	0.018	0.09	20.29	20.50	1.050	0.019	22.0	1.6
Left cheek	15M_QPSK 36RB_0	27710/2310	1:1	0.023	-0.07	19.28	19.50	1.052	0.024	22.0	1.6
Left tilted	15M_QPSK 36RB_0	27710/2310	1:1	0.021	-0.18	19.28	19.50	1.052	0.022	22.0	1.6
Right cheek	15M_QPSK 36RB_0	27710/2310	1:1	0.029	-0.14	19.28	19.50	1.052	0.031	22.0	1.6
Right tilted	15M_QPSK 36RB_0	27710/2310	1:1	0.016	0.06	19.28	19.50	1.052	0.017	22.0	1.6
Head Test data at the worst case with SIM2											
Right cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.033	0.1	20.29	20.50	1.050	0.035	22.0	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	27710/2310	1:1	0.127	-0.18	20.29	20.50	1.050	0.133	22.0	1.6
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.283	-0.01	20.29	20.50	1.050	**0.297**	22.0	1.6
Front side	15M_QPSK 36RB_0	27710/2310	1:1	0.102	-0.02	19.28	19.50	1.052	0.107	22.0	1.6
Back side	15M_QPSK 36RB_0	27710/2310	1:1	0.227	0.17	19.28	19.50	1.052	0.239	22.0	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.249	0.02	20.29	20.50	1.050	0.261	22.0	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	27710/2310	1:1	0.203	-0.01	20.29	20.50	1.050	0.213	22.0	1.6
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.452	0.17	20.29	20.50	1.050	**0.474**	22.0	1.6
Left side	10M_QPSK 1RB_0	27710/2310	1:1	0.031	-0.06	20.29	20.50	1.050	0.033	22.0	1.6
Right side	10M_QPSK 1RB_0	27710/2310	1:1	0.038	0.04	20.29	20.50	1.050	0.040	22.0	1.6
Top side	10M_QPSK 1RB_0	27710/2310	1:1	0.006	-0.03	20.29	20.50	1.050	0.006	22.0	1.6
Bottom side	10M_QPSK 1RB_0	27710/2310	1:1	0.446	0.17	20.29	20.50	1.050	0.468	22.0	1.6
Front side	15M_QPSK 36RB_0	27710/2310	1:1	0.168	-0.05	19.28	19.50	1.052	0.177	22.0	1.6
Back side	15M_QPSK 36RB_0	27710/2310	1:1	0.343	-0.11	19.28	19.50	1.052	0.361	22.0	1.6
Left side	15M_QPSK 36RB_0	27710/2310	1:1	0.025	-0.09	19.28	19.50	1.052	0.026	22.0	1.6
Right side	15M_QPSK 36RB_0	27710/2310	1:1	0.028	0.04	19.28	19.50	1.052	0.029	22.0	1.6
Top side	15M_QPSK 36RB_0	27710/2310	1:1	0.004	-0.07	19.28	19.50	1.052	0.004	22.0	1.6
Bottom side	15M_QPSK 36RB_0	27710/2310	1:1	0.357	-0.17	19.28	19.50	1.052	0.376	22.0	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.444	0.05	20.29	20.50	1.050	0.466	22.0	1.6

LTE Band 30 SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.008	0.01	20.13	20.50	1.089	0.009	22.0	1.6
Left tilted	10M_QPSK 1RB_0	27710/2310	1:1	0.006	-0.11	20.13	20.50	1.089	0.007	22.0	1.6
Right cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.013	0.14	20.13	20.50	1.089	0.014	22.0	1.6
Right tilted	10M_QPSK 1RB_0	27710/2310	1:1	0.011	0.02	20.13	20.50	1.089	0.012	22.0	1.6
Left cheek	10M_QPSK 25RB_0	27710/2310	1:1	0.006	0.03	19.38	19.50	1.028	0.006	22.0	1.6
Left tilted	10M_QPSK 25RB_0	27710/2310	1:1	0.004	0.09	19.38	19.50	1.028	0.004	22.0	1.6
Right cheek	10M_QPSK 25RB_0	27710/2310	1:1	0.011	0.02	19.38	19.50	1.028	0.011	22.0	1.6
Right tilted	10M_QPSK 25RB_0	27710/2310	1:1	0.009	0.07	19.38	19.50	1.028	0.009	22.0	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	27710/2310	1:1	0.009	-0.01	20.13	20.50	1.089	0.010	22.0	1.6
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.035	-0.01	20.13	20.50	1.089	0.038	22.0	1.6
Front side	10M_QPSK 25RB_0	27710/2310	1:1	0.007	-0.05	19.38	19.50	1.028	0.007	22.0	1.6
Back side	10M_QPSK 25RB_0	27710/2310	1:1	0.028	0.19	19.38	19.50	1.028	0.029	22.0	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	27710/2310	1:1	0.012	-0.01	20.13	20.50	1.089	0.013	22.0	1.6
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.054	0.19	20.13	20.50	1.089	0.059	22.0	1.6
Left side	10M_QPSK 1RB_0	27710/2310	1:1	0.009	0.14	20.13	20.50	1.089	0.010	22.0	1.6
Right side	10M_QPSK 1RB_0	27710/2310	1:1	0.005	0.09	20.13	20.50	1.089	0.005	22.0	1.6
Top side	10M_QPSK 1RB_0	27710/2310	1:1	0.009	0.15	20.13	20.50	1.089	0.010	22.0	1.6
Bottom side	10M_QPSK 1RB_0	27710/2310	1:1	0.003	-0.19	20.13	20.50	1.089	0.003	22.0	1.6
Front side	10M_QPSK 25RB_0	27710/2310	1:1	0.01	-0.15	19.38	19.50	1.028	0.010	22.0	1.6
Back side	10M_QPSK 25RB_0	27710/2310	1:1	0.045	-0.17	19.38	19.50	1.028	0.046	22.0	1.6
Left side	10M_QPSK 25RB_0	27710/2310	1:1	0.008	-0.07	19.38	19.50	1.028	0.008	22.0	1.6
Right side	10M_QPSK 25RB_0	27710/2310	1:1	0.004	0.02	19.38	19.50	1.028	0.004	22.0	1.6
Top side	10M_QPSK 25RB_0	27710/2310	1:1	0.006	0.06	19.38	19.50	1.028	0.006	22.0	1.6
Bottom side	10M_QPSK 25RB_0	27710/2310	1:1	0.002	-0.15	19.38	19.50	1.028	0.002	22.0	1.6
LTE Band 30 SAR Ant4 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.327	-0.03	20.12	20.50	1.091	0.357	22.0	1.6
Left tilted	10M_QPSK 1RB_0	27710/2310	1:1	0.302	0.05	20.12	20.50	1.091	0.330	22.0	1.6
Right cheek	10M_QPSK 1RB_0	27710/2310	1:1	0.392	-0.03	20.12	20.50	1.091	**0.428**	22.0	1.6

Right tilted	10M_QPSK 1RB_0	27710/2310	1:1	0.384	0.01	20.12	20.50	1.091	0.419	22.0	1.6
Left cheek	10M_QPSK 25RB_0	27710/2310	1:1	0.298	-0.1	19.11	19.50	1.094	0.326	22.0	1.6
Left tilted	10M_QPSK 25RB_0	27710/2310	1:1	0.248	0.08	19.11	19.50	1.094	0.271	22.0	1.6
Right cheek	10M_QPSK 25RB_0	27710/2310	1:1	0.334	-0.02	19.11	19.50	1.094	0.365	22.0	1.6
Right tilted	10M_QPSK 25RB_0	27710/2310	1:1	0.317	-0.19	19.11	19.50	1.094	0.347	22.0	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_0	26865/831.5	1:1	0.043	0.02	20.12	20.50	1.091	0.047	22.0	1.6
Back side	10M_QPSK 1RB_0	26865/831.5	1:1	0.152	-0.14	20.12	20.50	1.091	0.166	22.0	1.6
Front side	10M_QPSK 25RB_0	27710/2310	1:1	0.034	-0.03	19.11	19.50	1.094	0.037	22.0	1.6
Back side	10M_QPSK 25RB_0	27710/2310	1:1	0.128	0.12	19.11	19.50	1.094	0.140	22.0	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_0	27710/2310	1:1	0.079	0.02	20.12	20.50	1.091	0.086	22.0	1.6
Back side	10M_QPSK 1RB_0	27710/2310	1:1	0.326	-0.11	20.12	20.50	1.091	0.356	22.0	1.6
Left side	10M_QPSK 1RB_0	27710/2310	1:1	0.047	0.16	20.12	20.50	1.091	0.051	22.0	1.6
Right side	10M_QPSK 1RB_0	27710/2310	1:1	0.008	0.18	20.12	20.50	1.091	0.009	22.0	1.6
Top side	10M_QPSK 1RB_0	27710/2310	1:1	0.246	0.13	20.12	20.50	1.091	0.268	22.0	1.6
Bottom side	10M_QPSK 1RB_0	27710/2310	1:1	0.004	0.19	20.12	20.50	1.091	0.004	22.0	1.6
Front side	10M_QPSK 25RB_0	27710/2310	1:1	0.066	0.06	19.11	19.50	1.094	0.072	22.0	1.6
Back side	10M_QPSK 25RB_0	27710/2310	1:1	0.288	0.09	19.11	19.50	1.094	0.315	22.0	1.6
Left side	10M_QPSK 25RB_0	27710/2310	1:1	0.038	-0.15	19.11	19.50	1.094	0.042	22.0	1.6
Right side	10M_QPSK 25RB_0	27710/2310	1:1	0.008	-0.08	19.11	19.50	1.094	0.009	22.0	1.6
Top side	10M_QPSK 25RB_0	27710/2310	1:1	0.197	-0.01	19.11	19.50	1.094	0.216	22.0	1.6
Bottom side	10M_QPSK 25RB_0	27710/2310	1:1	0.003	-0.1	19.11	19.50	1.094	0.003	22.0	1.6

8.2.14 SAR Result Of LTE Band 41

LTE Band 41 SAR Ant0 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	20M_QPSK 1RB_0	40620/2593	1:1	0.027	-0.07	24.99	25.50	1.125	0.030	22.1	1.6
Left tilted	20M_QPSK 1RB_0	40620/2593	1:1	0.020	-0.13	24.99	25.50	1.125	0.022	22.1	1.6
Right cheek	20M_QPSK 1RB_0	40620/2593	1:1	0.037	-0.06	24.99	25.50	1.125	**0.042**	22.1	1.6
Right tilted	20M_QPSK 1RB_0	40620/2593	1:1	0.027	0.1	24.99	25.50	1.125	0.030	22.1	1.6
Left cheek	20M_QPSK 50RB_0	40620/2593	1:1	0.022	-0.04	24.13	24.50	1.089	0.024	22.1	1.6
Left tilted	20M_QPSK 50RB_0	40620/2593	1:1	0.015	-0.18	24.13	24.50	1.089	0.016	22.1	1.6
Right cheek	20M_QPSK 50RB_0	40620/2593	1:1	0.032	-0.11	24.13	24.50	1.089	0.035	22.1	1.6
Right tilted	20M_QPSK 50RB_0	40620/2593	1:1	0.019	-0.02	24.13	24.50	1.089	0.021	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	20M_QPSK 1RB_0	40620/2593	1:1	0.033	-0.03	24.99	25.50	1.125	0.037	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	40620/2593	1:1	0.224	-0.13	24.99	25.50	1.125	0.252	22.1	1.6
Back side	20M_QPSK 1RB_0	40620/2593	1:1	0.328	-0.01	24.99	25.50	1.125	**0.369**	22.1	1.6
Front side	20M_QPSK 50RB_0	40620/2593	1:1	0.186	0.09	24.13	24.50	1.089	0.203	22.1	1.6
Back side	20M_QPSK 50RB_0	40620/2593	1:1	0.271	-0.08	24.13	24.50	1.089	0.295	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	40620/2593	1:1	0.311	-0.01	24.99	25.50	1.125	0.350	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	40620/2593	1:1	0.393	0.14	24.06	24.50	1.107	0.435	22.1	1.6
Back side	20M_QPSK 1RB_0	40620/2593	1:1	0.579	0.08	24.06	24.50	1.107	0.641	22.1	1.6
Back side	20M_QPSK 1RB_0	39750/2506	1:1	0.405	0.06	24.06	24.50	1.107	0.448	22.1	1.6
Back side	20M_QPSK 1RB_0	40185/2549.5	1:1	0.487	-0.04	24.06	24.50	1.107	0.539	22.1	1.6
Back side	20M_QPSK 1RB_0	41055/2636.5	1:1	0.609	0.01	24.06	24.50	1.107	**0.674**	22.1	1.6
Back side	20M_QPSK 1RB_0	41490/2680	1:1	0.478	-0.17	24.06	24.50	1.107	0.529	22.1	1.6
Left side	20M_QPSK 1RB_0	40620/2593	1:1	0.036	-0.19	24.06	24.50	1.107	0.040	22.1	1.6
Right side	20M_QPSK 1RB_0	40620/2593	1:1	0.087	0.17	24.06	24.50	1.107	0.096	22.1	1.6
Top side	20M_QPSK 1RB_0	40620/2593	1:1	0.011	0.1	24.06	24.50	1.107	0.012	22.1	1.6
Bottom side	20M_QPSK 1RB_0	40620/2593	1:1	0.564	0.13	24.06	24.50	1.107	0.624	22.1	1.6
Bottom side	20M_QPSK 1RB_0	39750/2506	1:1	0.425	-0.16	24.06	24.50	1.107	0.470	22.1	1.6
Bottom side	20M_QPSK 1RB_0	40185/2549.5	1:1	0.478	-0.17	24.06	24.50	1.107	0.529	22.1	1.6
Bottom side	20M_QPSK 1RB_0	41055/2636.5	1:1	0.6	0.01	24.06	24.50	1.107	0.664	22.1	1.6
Bottom side	20M_QPSK 1RB_0	41490/2680	1:1	0.513	0.07	24.06	24.50	1.107	0.568	22.1	1.6

Back side-repeat	20M_QPSK 1RB_0	41055/2636.5	1:1	0.602	0.03	24.06	24.50	1.107	0.666	22.1	1.6
Front side	20M_QPSK 50RB_0	40620/2593	1:1	0.315	0.11	23.16	23.50	1.081	0.341	22.1	1.6
Back side	20M_QPSK 50RB_0	40620/2593	1:1	0.427	0.16	24.13	24.50	1.089	0.465	22.1	1.6
Left side	20M_QPSK 50RB_0	40620/2593	1:1	0.033	-0.16	24.13	24.50	1.089	0.036	22.1	1.6
Right side	20M_QPSK 50RB_0	40620/2593	1:1	0.071	0.02	24.13	24.50	1.089	0.077	22.1	1.6
Top side	20M_QPSK 50RB_0	40620/2593	1:1	0.009	0.18	24.13	24.50	1.089	0.010	22.1	1.6
Bottom side	20M_QPSK 50RB_0	40620/2593	1:1	0.412	0.04	24.13	24.50	1.089	0.449	22.1	1.6
Back side	20M_QPSK 100RB_0	40620/2593	1:1	0.526	0.02	23.00	23.50	1.122	0.590	22.1	1.6
Bottom side	20M_QPSK 100RB_0	39750/2506	1:1	0.509	-0.07	23.00	23.50	1.122	0.571	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	41055/2636.5	1:1	0.583	0.01	24.06	24.50	1.107	0.645	22.1	1.6

8.2.15 SAR Result Of LTE Band 42

LTE Band 42 SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	42840/3525	1:1	0.007	0.03	14.50	15.00	1.122	**0.008**	22.3	1.6
Left tilted	20M_QPSK 1RB_0	42840/3525	1:1	0.001	-0.19	14.50	15.00	1.122	0.001	22.3	1.6
Right cheek	20M_QPSK 1RB_0	42840/3525	1:1	0.005	-0.06	14.50	15.00	1.122	0.006	22.3	1.6
Right tilted	20M_QPSK 1RB_0	42840/3525	1:1	0.001	-0.15	14.50	15.00	1.122	0.001	22.3	1.6
Left cheek	20M_QPSK 50RB_0	42840/3525	1:1	0.004	0.15	13.53	14.00	1.114	0.004	22.3	1.6
Left tilted	20M_QPSK 50RB_0	42840/3525	1:1	0.001	-0.11	13.53	14.00	1.114	0.001	22.3	1.6
Right cheek	20M_QPSK 50RB_0	42840/3525	1:1	0.004	0.14	13.53	14.00	1.114	0.004	22.3	1.6
Right tilted	20M_QPSK 50RB_0	42840/3525	1:1	0.001	0.08	13.53	14.00	1.114	0.001	22.3	1.6
Head Test data at the worst case with SIM2											
Left cheek	20M_QPSK 1RB_0	42840/3525	1:1	0.005	0.05	14.50	15.00	1.122	0.006	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	42840/3525	1:1	0.005	0.01	14.50	15.00	1.122	0.006	22.3	1.6
Back side	20M_QPSK 1RB_0	42840/3525	1:1	0.011	-0.16	14.50	15.00	1.122	**0.012**	22.3	1.6
Front side	20M_QPSK 50RB_0	42840/3525	1:1	0.004	0.08	13.53	14.00	1.114	0.004	22.3	1.6
Back side	20M_QPSK 50RB_0	42840/3525	1:1	0.009	0.11	13.53	14.00	1.114	0.010	22.3	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	42840/3525	1:1	0.009	0.01	14.50	15.00	1.122	0.010	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	42840/3525	1:1	0.005	0.11	14.50	15.00	1.122	0.006	22.3	1.6
Back side	20M_QPSK 1RB_0	42840/3525	1:1	0.078	-0.01	14.50	15.00	1.122	**0.088**	22.3	1.6
Left side	20M_QPSK 1RB_0	42840/3525	1:1	0.008	0.07	14.50	15.00	1.122	0.009	22.3	1.6
Right side	20M_QPSK 1RB_0	42840/3525	1:1	0.046	-0.01	14.50	15.00	1.122	0.052	22.3	1.6
Top side	20M_QPSK 1RB_0	42840/3525	1:1	0.008	0.14	14.50	15.00	1.122	0.009	22.3	1.6
Bottom side	20M_QPSK 1RB_0	42840/3525	1:1	0.006	-0.16	14.50	15.00	1.122	0.007	22.3	1.6
Front side	20M_QPSK 50RB_0	42840/3525	1:1	0.003	0.17	13.53	14.00	1.114	0.003	22.3	1.6
Back side	20M_QPSK 50RB_0	42840/3525	1:1	0.062	-0.11	13.53	14.00	1.114	0.069	22.3	1.6
Left side	20M_QPSK 50RB_0	42840/3525	1:1	0.007	0.11	13.53	14.00	1.114	0.008	22.3	1.6
Right side	20M_QPSK 50RB_0	42840/3525	1:1	0.036	0.07	13.53	14.00	1.114	0.040	22.3	1.6
Top side	20M_QPSK 50RB_0	42840/3525	1:1	0.006	-0.12	13.53	14.00	1.114	0.007	22.3	1.6
Bottom side	20M_QPSK 50RB_0	42840/3525	1:1	0.004	0.06	13.53	14.00	1.114	0.004	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	42840/3525	1:1	0.072	-0.15	14.50	15.00	1.122	0.081	22.3	1.6

8.2.16 SAR Result Of LTE Band 43

LTE Band 43(3600MHz~ 3650MHz) SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	43840/3625	1:1	0.005	-0.09	11.56	12.00	1.107	0.006	22.3	1.6
Left tilted	20M_QPSK 1RB_0	43840/3625	1:1	0.001	-0.14	11.56	12.00	1.107	0.001	22.3	1.6
Right cheek	20M_QPSK 1RB_0	43840/3625	1:1	0.005	0.15	11.56	12.00	1.107	0.006	22.3	1.6
Right tilted	20M_QPSK 1RB_0	43840/3625	1:1	0.001	0.16	11.56	12.00	1.107	0.001	22.3	1.6
Left cheek	20M_QPSK 50RB_0	43840/3625	1:1	0.005	-0.03	10.65	11.00	1.084	0.005	22.3	1.6
Left tilted	20M_QPSK 50RB_0	43840/3625	1:1	0.001	-0.15	10.65	11.00	1.084	0.001	22.3	1.6
Right cheek	20M_QPSK 50RB_0	43840/3625	1:1	0.005	0.03	10.65	11.00	1.084	0.005	22.3	1.6
Right tilted	20M_QPSK 50RB_0	43840/3625	1:1	0.001	-0.14	10.65	11.00	1.084	0.001	22.3	1.6
Head Test data at the worst case with SIM2											
Left cheek	20M_QPSK 1RB_0	43840/3625	1:1	0.005	0.03	11.56	12.00	1.107	0.006	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	43840/3625	1:1	0.004	0.02	11.56	12.00	1.107	0.004	22.3	1.6
Back side	20M_QPSK 1RB_0	43840/3625	1:1	0.041	-0.04	11.56	12.00	1.107	0.045	22.3	1.6
Front side	20M_QPSK 50RB_0	43840/3625	1:1	0.003	-0.06	10.65	11.00	1.084	0.003	22.3	1.6
Back side	20M_QPSK 50RB_0	43840/3625	1:1	0.035	-0.15	10.65	11.00	1.084	0.038	22.3	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	43840/3625	1:1	0.038	-0.01	11.56	12.00	1.107	0.042	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	43840/3625	1:1	0.009	-0.17	11.56	12.00	1.107	0.010	22.3	1.6
Back side	20M_QPSK 1RB_0	43840/3625	1:1	0.113	-0.18	11.56	12.00	1.107	0.125	22.3	1.6
Left side	20M_QPSK 1RB_0	43840/3625	1:1	0.01	-0.19	11.56	12.00	1.107	0.011	22.3	1.6
Right side	20M_QPSK 1RB_0	43840/3625	1:1	0.075	0.04	11.56	12.00	1.107	0.083	22.3	1.6
Top side	20M_QPSK 1RB_0	43840/3625	1:1	0.011	0.12	11.56	12.00	1.107	0.012	22.3	1.6
Bottom side	20M_QPSK 1RB_0	43840/3625	1:1	0.013	-0.11	11.56	12.00	1.107	0.014	22.3	1.6
Front side	20M_QPSK 50RB_0	43840/3625	1:1	0.007	0.13	10.65	11.00	1.084	0.008	22.3	1.6
Back side	20M_QPSK 50RB_0	43840/3625	1:1	0.095	0.11	10.65	11.00	1.084	0.103	22.3	1.6
Left side	20M_QPSK 50RB_0	43840/3625	1:1	0.007	0.16	10.65	11.00	1.084	0.008	22.3	1.6
Right side	20M_QPSK 50RB_0	43840/3625	1:1	0.065	0.18	10.65	11.00	1.084	0.070	22.3	1.6
Top side	20M_QPSK 50RB_0	43840/3625	1:1	0.009	0.03	10.65	11.00	1.084	0.010	22.3	1.6
Bottom side	20M_QPSK 50RB_0	43840/3625	1:1	0.012	-0.15	10.65	11.00	1.084	0.013	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	43840/3625	1:1	0.106	0.04	11.56	12.00	1.107	0.117	22.3	1.6

LTE Band 43(3600MHz~ 3650MHz) SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	44340/3675	1:1	0.006	-0.09	10.10	11.00	1.230	**0.007**	22.3	1.6
Left tilted	20M_QPSK 1RB_0	44340/3675	1:1	0.001	-0.14	10.10	11.00	1.230	0.001	22.3	1.6
Right cheek	20M_QPSK 1RB_0	44340/3675	1:1	0.005	0.15	10.10	11.00	1.230	0.006	22.3	1.6
Right tilted	20M_QPSK 1RB_0	44340/3675	1:1	0.001	0.16	10.10	11.00	1.230	0.001	22.3	1.6
Left cheek	20M_QPSK 50RB_0	44340/3675	1:1	0.005	-0.03	9.82	10.00	1.042	0.005	22.3	1.6
Left tilted	20M_QPSK 50RB_0	44340/3675	1:1	0.001	-0.15	9.82	10.00	1.042	0.001	22.3	1.6
Right cheek	20M_QPSK 50RB_0	44340/3675	1:1	0.005	0.03	9.82	10.00	1.042	0.005	22.3	1.6
Right tilted	20M_QPSK 50RB_0	44340/3675	1:1	0.001	-0.14	9.82	10.00	1.042	0.001	22.3	1.6
Head Test data at the worst case with SIM2											
Left cheek	20M_QPSK 1RB_0	44340/3675	1:1	0.005	0.03	10.10	11.00	1.230	0.006	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	44340/3675	1:1	0.004	0.02	10.10	11.00	1.230	0.005	22.3	1.6
Back side	20M_QPSK 1RB_0	44340/3675	1:1	0.045	-0.04	10.10	11.00	1.230	**0.055**	22.3	1.6
Front side	20M_QPSK 50RB_0	44340/3675	1:1	0.003	-0.06	9.82	10.00	1.042	0.003	22.3	1.6
Back side	20M_QPSK 50RB_0	44340/3675	1:1	0.039	-0.15	9.82	10.00	1.042	0.041	22.3	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	44340/3675	1:1	0.042	-0.01	10.10	11.00	1.230	0.052	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	44340/3675	1:1	0.010	-0.17	10.10	11.00	1.230	0.012	22.3	1.6
Back side	20M_QPSK 1RB_0	44340/3675	1:1	0.124	-0.18	10.10	11.00	1.230	**0.153**	22.3	1.6
Left side	20M_QPSK 1RB_0	44340/3675	1:1	0.011	-0.19	10.10	11.00	1.230	0.014	22.3	1.6
Right side	20M_QPSK 1RB_0	44340/3675	1:1	0.082	0.04	10.10	11.00	1.230	0.101	22.3	1.6
Top side	20M_QPSK 1RB_0	44340/3675	1:1	0.012	0.12	10.10	11.00	1.230	0.015	22.3	1.6
Bottom side	20M_QPSK 1RB_0	44340/3675	1:1	0.014	-0.11	10.10	11.00	1.230	0.017	22.3	1.6
Front side	20M_QPSK 50RB_0	44340/3675	1:1	0.008	0.13	9.82	10.00	1.042	0.008	22.3	1.6
Back side	20M_QPSK 50RB_0	44340/3675	1:1	0.105	0.11	9.82	10.00	1.042	0.109	22.3	1.6
Left side	20M_QPSK 50RB_0	44340/3675	1:1	0.008	0.16	9.82	10.00	1.042	0.008	22.3	1.6
Right side	20M_QPSK 50RB_0	44340/3675	1:1	0.071	0.18	9.82	10.00	1.042	0.074	22.3	1.6
Top side	20M_QPSK 50RB_0	44340/3675	1:1	0.010	0.03	9.82	10.00	1.042	0.010	22.3	1.6
Bottom side	20M_QPSK 50RB_0	44340/3675	1:1	0.013	-0.15	9.82	10.00	1.042	0.014	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	44340/3675	1:1	0.117	0.04	10.10	11.00	1.230	0.144	22.3	1.6

8.2.17 SAR Result Of LTE Band 48

LTE Band 48 SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	55990/3625	1:1	0.008	-0.08	14.34	15.00	1.164	0.009	22.3	1.6
Left tilted	20M_QPSK 1RB_0	55990/3625	1:1	0.002	0.08	14.34	15.00	1.164	0.002	22.3	1.6
Right cheek	20M_QPSK 1RB_0	55990/3625	1:1	0.019	-0.11	14.34	15.00	1.164	**0.022**	22.3	1.6
Right tilted	20M_QPSK 1RB_0	55990/3625	1:1	0.004	0.12	14.34	15.00	1.164	0.005	22.3	1.6
Left cheek	20M_QPSK 50RB_0	55990/3625	1:1	0.006	0.1	13.52	14.00	1.117	0.007	22.3	1.6
Left tilted	20M_QPSK 50RB_0	55990/3625	1:1	0.002	0.03	13.52	14.00	1.117	0.002	22.3	1.6
Right cheek	20M_QPSK 50RB_0	55990/3625	1:1	0.015	-0.11	13.52	14.00	1.117	0.017	22.3	1.6
Right tilted	20M_QPSK 50RB_0	55990/3625	1:1	0.003	0.18	13.52	14.00	1.117	0.003	22.3	1.6
Head Test data at the worst case with SIM2											
Right cheek	20M_QPSK 1RB_0	55990/3625	1:1	0.016	0.02	14.34	15.00	1.164	0.019	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	55990/3625	1:1	0.001	-0.11	14.34	15.00	1.164	0.001	22.3	1.6
Back side	20M_QPSK 1RB_0	55990/3625	1:1	0.015	-0.04	14.34	15.00	1.164	**0.017**	22.3	1.6
Front side	20M_QPSK 50RB_0	55990/3625	1:1	0.001	-0.1	13.52	14.00	1.117	0.001	22.3	1.6
Back side	20M_QPSK 50RB_0	55990/3625	1:1	0.012	-0.18	13.52	14.00	1.117	0.013	22.3	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	55990/3625	1:1	0.013	0.01	14.34	15.00	1.164	0.015	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	55990/3625	1:1	0.002	0.18	14.34	15.00	1.164	0.002	22.3	1.6
Back side	20M_QPSK 1RB_0	55990/3625	1:1	0.033	-0.04	14.34	15.00	1.164	**0.038**	22.3	1.6
Left side	20M_QPSK 1RB_0	55990/3625	1:1	0.003	0.15	14.34	15.00	1.164	0.003	22.3	1.6
Right side	20M_QPSK 1RB_0	55990/3625	1:1	0.019	-0.13	14.34	15.00	1.164	0.022	22.3	1.6
Top side	20M_QPSK 1RB_0	55990/3625	1:1	0.013	-0.11	14.34	15.00	1.164	0.015	22.3	1.6
Bottom side	20M_QPSK 1RB_0	55990/3625	1:1	0.006	-0.1	14.34	15.00	1.164	0.007	22.3	1.6
Front side	20M_QPSK 50RB_0	55990/3625	1:1	0.002	-0.06	13.52	14.00	1.117	0.002	22.3	1.6
Back side	20M_QPSK 50RB_0	55990/3625	1:1	0.026	0.16	13.52	14.00	1.117	0.029	22.3	1.6
Left side	20M_QPSK 50RB_0	55990/3625	1:1	0.001	0.13	13.52	14.00	1.117	0.001	22.3	1.6
Right side	20M_QPSK 50RB_0	55990/3625	1:1	0.015	-0.01	13.52	14.00	1.117	0.017	22.3	1.6
Top side	20M_QPSK 50RB_0	55990/3625	1:1	0.012	0.08	13.52	14.00	1.117	0.013	22.3	1.6
Bottom side	20M_QPSK 50RB_0	55990/3625	1:1	0.003	-0.08	13.52	14.00	1.117	0.003	22.3	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	55990/3625	1:1	0.028	0.1	14.34	15.00	1.164	0.033	22.3	1.6

8.2.18 SAR Result Of LTE Band 66

LTE Band 66 SAR Ant0 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	20M_QPSK 1RB_0	132322/1745	1:1	0.012	0.07	23.55	24.00	1.109	0.013	22.2	1.6
Left tilted	20M_QPSK 1RB_0	132322/1745	1:1	0.008	-0.12	23.55	24.00	1.109	0.009	22.2	1.6
Right cheek	20M_QPSK 1RB_0	132322/1745	1:1	0.082	-0.17	23.55	24.00	1.109	0.091	22.2	1.6
Right tilted	20M_QPSK 1RB_0	132322/1745	1:1	0.025	0.13	23.55	24.00	1.109	0.028	22.2	1.6
Left cheek	20M_QPSK 50RB_0	132322/1745	1:1	0.009	0.09	22.73	23.00	1.064	0.010	22.2	1.6
Left tilted	20M_QPSK 50RB_0	132322/1745	1:1	0.007	0.03	22.73	23.00	1.064	0.007	22.2	1.6
Right cheek	20M_QPSK 50RB_0	132322/1745	1:1	0.067	-0.19	22.73	23.00	1.064	0.071	22.2	1.6
Right tilted	20M_QPSK 50RB_0	132322/1745	1:1	0.021	-0.04	22.73	23.00	1.064	0.022	22.2	1.6
Head Test data at the worst case with SIM2											
Right cheek	20M_QPSK 1RB_0	132322/1745	1:1	0.077	-0.1	23.55	24.00	1.109	0.085	22.2	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	132322/1745	1:1	0.152	-0.03	22.33	22.50	1.040	0.158	22.2	1.6
Back side	20M_QPSK 1RB_0	132322/1745	1:1	0.620	0.05	22.33	22.50	1.040	**0.645**	22.2	1.6
Front side	20M_QPSK 50RB_0	132322/1745	1:1	0.130	-0.04	21.85	22.50	1.161	0.151	22.2	1.6
Back side	20M_QPSK 50RB_0	132322/1745	1:1	0.538	0.1	21.85	22.50	1.161	0.625	22.2	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	132322/1745	1:1	0.615	0.02	22.33	22.50	1.040	0.640	22.2	1.6
Body worn Distance SAR Test data											
Back side 49mm	20M_QPSK 1RB_0	26140/1860	1:1	0.042	0.14	23.55	24.00	1.109	0.047	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	132322/1745	1:1	0.124	0.07	19.70	20.00	1.072	0.133	22.2	1.6
Back side	20M_QPSK 1RB_0	132322/1745	1:1	0.583	-0.15	19.70	20.00	1.072	**0.625**	22.2	1.6
Left side	20M_QPSK 1RB_0	132322/1745	1:1	0.008	0.11	19.70	20.00	1.072	0.009	22.2	1.6
Right side	20M_QPSK 1RB_0	132322/1745	1:1	0.038	-0.08	19.70	20.00	1.072	0.041	22.2	1.6
Top side	20M_QPSK 1RB_0	132322/1745	1:1	0.013	-0.09	19.70	20.00	1.072	0.014	22.2	1.6
Bottom side	20M_QPSK 1RB_0	132322/1745	1:1	0.383	0.19	19.70	20.00	1.072	0.410	22.2	1.6
Front side	20M_QPSK 50RB_0	132322/1745	1:1	0.111	0.08	19.56	20.00	1.107	0.123	22.2	1.6
Back side	20M_QPSK 50RB_0	132322/1745	1:1	0.480	0.09	19.56	20.00	1.107	0.531	22.2	1.6
Left side	20M_QPSK 50RB_0	132322/1745	1:1	0.006	0.12	19.56	20.00	1.107	0.007	22.2	1.6
Right side	20M_QPSK 50RB_0	132322/1745	1:1	0.032	0.09	19.56	20.00	1.107	0.035	22.2	1.6
Top side	20M_QPSK 50RB_0	132322/1745	1:1	0.009	-0.15	19.56	20.00	1.107	0.010	22.2	1.6
Bottom side	20M_QPSK 50RB_0	132322/1745	1:1	0.334	-0.07	19.56	20.00	1.107	0.370	22.2	1.6

Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	132322/1745	1:1	0.568	0.01	19.70	20.00	1.072	0.609	22.2	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 10-g**
Extremity Test data(Separate 10mm)											
Back side	20M_QPSK 1RB_0	132322/1745	1:1	1.73	0.17	23.55	24.00	1.109	1.919	22.2	4.0
Back side	20M_QPSK 1RB_0	132072/1720	1:1	1.03	-0.12	23.44	24.00	1.138	1.172	22.2	4.0
Back side	20M_QPSK 1RB_0	132572/1770	1:1	2.29	0.01	23.50	24.00	1.122	**2.569**	22.2	4.0
Bottom side	20M_QPSK 1RB_0	132322/1745	1:1	1.59	0.14	23.55	24.00	1.109	1.764	22.2	4.0
Bottom side	20M_QPSK 1RB_0	132072/1720	1:1	0.946	0.03	23.44	24.00	1.138	1.076	22.2	4.0
Bottom side	20M_QPSK 1RB_0	132572/1770	1:1	2.09	0.02	23.50	24.00	1.122	2.345	22.2	4.0
Back side-repeat	20M_QPSK 1RB_0	132572/1770	1:1	2.21	0.01	23.50	24.00	1.122	2.480	22.2	4.0
Back side	20M_QPSK 1RB_0	132322/1745	1:1	1.44	0.07	22.73	23.00	1.064	1.532	22.2	4.0
Back side	20M_QPSK 1RB_0	132072/1720	1:1	0.849	-0.03	22.57	23.00	1.104	0.937	22.2	4.0
Back side	20M_QPSK 1RB_0	132572/1770	1:1	1.88	-0.09	22.50	23.00	1.122	2.109	22.2	4.0
Bottom side	20M_QPSK 1RB_0	132322/1745	1:1	1.35	0.1	22.73	23.00	1.064	1.437	22.2	4.0
Bottom side	20M_QPSK 1RB_0	132072/1720	1:1	0.795	0.01	22.57	23.00	1.104	0.878	22.2	4.0
Bottom side	20M_QPSK 1RB_0	132572/1770	1:1	1.77	-0.1	22.50	23.00	1.122	1.986	22.2	4.0
Extremity Test data at the worst case with SIM2(Separate 0mm)											
Back side	20M_QPSK 1RB_0	132572/1770	1:1	2.05	0.01	23.55	24.00	1.109	2.274	22.2	4.0
LTE Band 66 SAR Ant4 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	132322/1745	1:1	0.444	0.09	21.09	21.50	1.099	0.488	22.2	1.6
Left tilted	20M_QPSK 1RB_0	132322/1745	1:1	0.456	-0.13	21.09	21.50	1.099	0.501	22.2	1.6
Right cheek	20M_QPSK 1RB_0	132322/1745	1:1	0.773	-0.01	21.09	21.50	1.099	**0.850**	22.2	1.6
Right cheek	20M_QPSK 1RB_0	132072/1720	1:1	0.695	0.12	20.72	21.50	1.197	0.832	22.2	1.6
Right cheek	20M_QPSK 1RB_0	132572/1770	1:1	0.720	0.07	20.83	21.50	1.167	0.840	22.2	1.6
Right tilted	20M_QPSK 1RB_0	132322/1745	1:1	0.717	0.15	21.09	21.50	1.099	0.788	22.2	1.6
Right tilted	20M_QPSK 1RB_0	132072/1720	1:1	0.635	0.05	20.72	21.50	1.197	0.760	22.2	1.6
Right tilted	20M_QPSK 1RB_0	132572/1770	1:1	0.672	0.18	20.83	21.50	1.167	0.784	22.2	1.6
Right cheek-repeat	20M_QPSK 1RB_0	132322/1745	1:1	0.758	0.02	21.09	21.50	1.099	0.833	22.2	1.6
Left cheek	20M_QPSK 50RB_0	132322/1745	1:1	0.319	0.07	20.84	21.50	1.164	0.371	22.2	1.6
Left tilted	20M_QPSK 50RB_0	132322/1745	1:1	0.350	-0.17	20.84	21.50	1.164	0.407	22.2	1.6
Right cheek	20M_QPSK 50RB_0	132322/1745	1:1	0.625	-0.19	20.84	21.50	1.164	0.728	22.2	1.6
Right tilted	20M_QPSK 50RB_0	132322/1745	1:1	0.530	-0.01	20.84	21.50	1.164	0.617	22.2	1.6

Right cheek	20M_QPSK 100RB_0	132322/1745	1:1	0.601	0.15	20.81	21.50	1.172	0.704	22.2	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	132322/1745	1:1	0.092	0.1	23.41	24.00	1.146	0.105	22.2	1.6
Back side	20M_QPSK 1RB_0	132322/1745	1:1	0.264	-0.16	23.41	24.00	1.146	0.302	22.2	1.6
Front side	20M_QPSK 50RB_0	132322/1745	1:1	0.070	-0.04	22.66	23.00	1.081	0.076	22.2	1.6
Back side	20M_QPSK 50RB_0	132322/1745	1:1	0.215	-0.04	22.66	23.00	1.081	0.233	22.2	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	132322/1745	1:1	0.104	0.12	21.46	22.00	1.132	0.118	22.2	1.6
Back side	20M_QPSK 1RB_0	132322/1745	1:1	0.340	-0.03	21.46	22.00	1.132	0.385	22.2	1.6
Left side	20M_QPSK 1RB_0	132322/1745	1:1	0.059	-0.09	21.46	22.00	1.132	0.067	22.2	1.6
Right side	20M_QPSK 1RB_0	132322/1745	1:1	0.006	0.13	21.46	22.00	1.132	0.007	22.2	1.6
Top side	20M_QPSK 1RB_0	132322/1745	1:1	0.328	-0.19	21.46	22.00	1.132	0.371	22.2	1.6
Bottom side	20M_QPSK 1RB_0	132322/1745	1:1	0.003	-0.15	21.46	22.00	1.132	0.003	22.2	1.6
Front side	20M_QPSK 50RB_0	132322/1745	1:1	0.092	0.04	21.44	22.00	1.138	0.105	22.2	1.6
Back side	20M_QPSK 50RB_0	132322/1745	1:1	0.28	0.13	21.44	22.00	1.138	0.319	22.2	1.6
Left side	20M_QPSK 50RB_0	132322/1745	1:1	0.049	-0.02	21.44	22.00	1.138	0.056	22.2	1.6
Right side	20M_QPSK 50RB_0	132322/1745	1:1	0.004	0.11	21.44	22.00	1.138	0.005	22.2	1.6
Top side	20M_QPSK 50RB_0	132322/1745	1:1	0.259	-0.08	21.44	22.00	1.138	0.295	22.2	1.6
Bottom side	20M_QPSK 50RB_0	132322/1745	1:1	0.001	0.17	21.44	22.00	1.138	0.001	22.2	1.6

8.2.19 SAR Result Of LTE Band 71

LTE Band 71 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_0	133322/683	1:1	0.104	0.09	23.43	24.00	1.140	0.119	22.1	1.6
Left tilted	20M_QPSK 1RB_0	133322/683	1:1	0.058	0.02	23.43	24.00	1.140	0.066	22.1	1.6
Right cheek	20M_QPSK 1RB_0	133322/683	1:1	0.113	-0.14	23.43	24.00	1.140	**0.129**	22.1	1.6
Right tilted	20M_QPSK 1RB_0	133322/683	1:1	0.067	-0.18	23.43	24.00	1.140	0.076	22.1	1.6
Left cheek	20M_QPSK 50RB_0	133322/683	1:1	0.089	-0.09	22.49	23.00	1.125	0.100	22.1	1.6
Left tilted	20M_QPSK 50RB_0	133322/683	1:1	0.051	-0.01	22.49	23.00	1.125	0.057	22.1	1.6
Right cheek	20M_QPSK 50RB_0	133322/683	1:1	0.095	-0.04	22.49	23.00	1.125	0.107	22.1	1.6
Right tilted	20M_QPSK 50RB_0	133322/683	1:1	0.056	0.14	22.49	23.00	1.125	0.063	22.1	1.6
Head Test data at the worst case with SIM2											
Right cheek	20M_QPSK 1RB_0	133322/683	1:1	0.109	0.16	23.43	24.00	1.140	0.124	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_0	133322/683	1:1	0.140	-0.18	23.43	24.00	1.140	0.160	22.1	1.6
Back side	20M_QPSK 1RB_0	133322/683	1:1	0.178	-0.11	23.43	24.00	1.140	**0.203**	22.1	1.6
Front side	20M_QPSK 50RB_0	133322/683	1:1	0.116	0.05	22.49	23.00	1.125	0.130	22.1	1.6
Back side	20M_QPSK 50RB_0	133322/683	1:1	0.153	0.04	22.49	23.00	1.125	0.172	22.1	1.6
Body worn Test data at the worst case with SIM2(Separate 15mm)											
Back side	20M_QPSK 1RB_0	133322/683	1:1	0.169	0.02	23.43	24.00	1.140	0.193	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_0	133322/683	1:1	0.131	-0.19	23.43	24.00	1.140	0.149	22.1	1.6
Back side	20M_QPSK 1RB_0	133322/683	1:1	0.197	0.01	23.43	24.00	1.140	**0.225**	22.1	1.6
Left side	20M_QPSK 1RB_0	133322/683	1:1	0.131	0.06	23.43	24.00	1.140	0.149	22.1	1.6
Right side	20M_QPSK 1RB_0	133322/683	1:1	0.203	0.06	23.43	24.00	1.140	0.231	22.1	1.6
Top side	20M_QPSK 1RB_0	133322/683	1:1	0.015	0.16	23.43	24.00	1.140	0.017	22.1	1.6
Bottom side	20M_QPSK 1RB_0	133322/683	1:1	0.062	0.17	23.43	24.00	1.140	0.071	22.1	1.6
Front side	20M_QPSK 50RB_0	133322/683	1:1	0.109	-0.19	22.49	23.00	1.125	0.123	22.1	1.6
Back side	20M_QPSK 50RB_0	133322/683	1:1	0.171	0.01	22.49	23.00	1.125	0.192	22.1	1.6
Left side	20M_QPSK 50RB_0	133322/683	1:1	0.114	-0.19	22.49	23.00	1.125	0.128	22.1	1.6
Right side	20M_QPSK 50RB_0	133322/683	1:1	0.179	-0.04	22.49	23.00	1.125	0.201	22.1	1.6
Top side	20M_QPSK 50RB_0	133322/683	1:1	0.013	0.09	22.49	23.00	1.125	0.015	22.1	1.6
Bottom side	20M_QPSK 50RB_0	133322/683	1:1	0.053	0.18	22.49	23.00	1.125	0.060	22.1	1.6
Hotspot Test data at the worst case with SIM2(Separate 10mm)											
Back side	20M_QPSK 1RB_0	133322/683	1:1	0.186	-0.19	23.43	24.00	1.140	0.212	22.1	1.6

8.2.20 SAR Result Of FR1 n5

NR Band 5 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	167300/836.5	1:1	0.089	0.03	23.88	24.00	1.028	**0.091**	22.1	1.6
Left tilted	20M_QPSK 1RB_1	167300/836.5	1:1	0.047	-0.06	23.88	24.00	1.028	0.048	22.1	1.6
Right cheek	20M_QPSK 1RB_1	167300/836.5	1:1	0.086	-0.16	23.88	24.00	1.028	0.088	22.1	1.6
Right tilted	20M_QPSK 1RB_1	167300/836.5	1:1	0.054	0.16	23.88	24.00	1.028	0.056	22.1	1.6
Left cheek	20M_QPSK 50RB_0	167300/836.5	1:1	0.071	0.09	23.74	24.00	1.062	0.075	22.1	1.6
Left tilted	20M_QPSK 50RB_0	167300/836.5	1:1	0.034	-0.01	23.74	24.00	1.062	0.036	22.1	1.6
Right cheek	20M_QPSK 50RB_0	167300/836.5	1:1	0.068	-0.05	23.74	24.00	1.062	0.072	22.1	1.6
Right tilted	20M_QPSK 50RB_0	167300/836.5	1:1	0.046	-0.12	23.74	24.00	1.062	0.049	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	167300/836.5	1:1	0.071	0.16	23.88	24.00	1.028	0.073	22.1	1.6
Back side	20M_QPSK 1RB_1	167300/836.5	1:1	0.084	-0.1	23.88	24.00	1.028	**0.086**	22.1	1.6
Front side	20M_QPSK 50RB_0	167300/836.5	1:1	0.056	-0.09	23.74	24.00	1.062	0.059	22.1	1.6
Back side	20M_QPSK 50RB_0	167300/836.5	1:1	0.067	0.17	23.74	24.00	1.062	0.071	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_1	167300/836.5	1:1	0.074	-0.03	23.88	24.00	1.028	0.076	22.1	1.6
Back side	20M_QPSK 1RB_1	167300/836.5	1:1	0.126	-0.05	23.88	24.00	1.028	**0.130**	22.1	1.6
Left side	20M_QPSK 1RB_1	167300/836.5	1:1	0.063	0.01	23.88	24.00	1.028	0.065	22.1	1.6
Right side	20M_QPSK 1RB_1	167300/836.5	1:1	0.078	0.16	23.88	24.00	1.028	0.080	22.1	1.6
Top side	20M_QPSK 1RB_1	167300/836.5	1:1	0.011	-0.15	23.88	24.00	1.028	0.011	22.1	1.6
Bottom side	20M_QPSK 1RB_1	167300/836.5	1:1	0.010	-0.08	23.88	24.00	1.028	0.010	22.1	1.6
Front side	20M_QPSK 50RB_0	167300/836.5	1:1	0.057	-0.02	23.74	24.00	1.062	0.061	22.1	1.6
Back side	20M_QPSK 50RB_0	167300/836.5	1:1	0.095	-0.01	23.74	24.00	1.062	0.101	22.1	1.6
Left side	20M_QPSK 50RB_0	167300/836.5	1:1	0.048	0.19	23.74	24.00	1.062	0.051	22.1	1.6
Right side	20M_QPSK 50RB_0	167300/836.5	1:1	0.060	0.03	23.74	24.00	1.062	0.064	22.1	1.6
Top side	20M_QPSK 50RB_0	167300/836.5	1:1	0.008	-0.02	23.74	24.00	1.062	0.008	22.1	1.6
Bottom side	20M_QPSK 50RB_0	167300/836.5	1:1	0.008	0.09	23.74	24.00	1.062	0.008	22.1	1.6

8.2.21 SAR Result Of FR1 n12

NR Band 12 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	15M_QPSK 1RB_1	141500/707.5	1:1	0.072	0.15	23.88	24.00	1.028	0.074	22.1	1.6
Left tilted	15M_QPSK 1RB_1	141500/707.5	1:1	0.041	-0.02	23.88	24.00	1.028	0.042	22.1	1.6
Right cheek	15M_QPSK 1RB_1	141500/707.5	1:1	0.086	-0.08	23.88	24.00	1.028	**0.088**	22.1	1.6
Right tilted	15M_QPSK 1RB_1	141500/707.5	1:1	0.056	-0.1	23.88	24.00	1.028	0.058	22.1	1.6
Left cheek	15M_QPSK 36RB_0	141500/707.5	1:1	0.06	-0.17	23.69	24.00	1.074	0.064	22.1	1.6
Left tilted	15M_QPSK 36RB_0	141500/707.5	1:1	0.023	-0.04	23.69	24.00	1.074	0.025	22.1	1.6
Right cheek	15M_QPSK 36RB_0	141500/707.5	1:1	0.07	0.02	23.69	24.00	1.074	0.075	22.1	1.6
Right tilted	15M_QPSK 36RB_0	141500/707.5	1:1	0.048	-0.11	23.69	24.00	1.074	0.052	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	15M_QPSK 1RB_1	141500/707.5	1:1	0.088	0.08	23.88	24.00	1.028	0.090	22.1	1.6
Back side	15M_QPSK 1RB_1	141500/707.5	1:1	0.128	0.04	23.88	24.00	1.028	**0.132**	22.1	1.6
Front side	15M_QPSK 36RB_0	141500/707.5	1:1	0.075	0.02	23.69	24.00	1.074	0.081	22.1	1.6
Back side	15M_QPSK 36RB_0	141500/707.5	1:1	0.109	0.06	23.69	24.00	1.074	0.117	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	15M_QPSK 1RB_1	141500/707.5	1:1	0.083	-0.19	23.88	24.00	1.028	0.085	22.1	1.6
Back side	15M_QPSK 1RB_1	141500/707.5	1:1	0.138	0.03	23.88	24.00	1.028	**0.142**	22.1	1.6
Left side	15M_QPSK 1RB_1	141500/707.5	1:1	0.078	-0.03	23.88	24.00	1.028	0.080	22.1	1.6
Right side	15M_QPSK 1RB_1	141500/707.5	1:1	0.109	-0.09	23.88	24.00	1.028	0.112	22.1	1.6
Top side	15M_QPSK 1RB_1	141500/707.5	1:1	0.005	-0.06	23.88	24.00	1.028	0.005	22.1	1.6
Bottom side	15M_QPSK 1RB_1	141500/707.5	1:1	0.015	-0.19	23.88	24.00	1.028	0.015	22.1	1.6
Front side	15M_QPSK 36RB_0	141500/707.5	1:1	0.07	0.06	23.69	24.00	1.074	0.075	22.1	1.6
Back side	15M_QPSK 36RB_0	141500/707.5	1:1	0.116	0.11	23.69	24.00	1.074	0.125	22.1	1.6
Left side	15M_QPSK 36RB_0	141500/707.5	1:1	0.064	-0.12	23.69	24.00	1.074	0.069	22.1	1.6
Right side	15M_QPSK 36RB_0	141500/707.5	1:1	0.091	-0.04	23.69	24.00	1.074	0.098	22.1	1.6
Top side	15M_QPSK 36RB_0	141500/707.5	1:1	0.003	-0.11	23.69	24.00	1.074	0.003	22.1	1.6
Bottom side	15M_QPSK 36RB_0	141500/707.5	1:1	0.012	-0.05	23.69	24.00	1.074	0.013	22.1	1.6

8.2.22 SAR Result Of FR1 n25

NR Band 25 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.133	0.01	24.87	25.00	1.030	0.137	22.3	1.6
Left tilted	20M_QPSK 1RB_1	376500/1882.5	1:1	0.129	-0.18	24.87	25.00	1.030	0.133	22.3	1.6
Right cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.202	0.01	24.87	25.00	1.030	0.208	22.3	1.6
Right tilted	20M_QPSK 1RB_1	376500/1882.5	1:1	0.120	0.18	24.87	25.00	1.030	0.124	22.3	1.6
Left cheek	20M_QPSK 50RB_0	376500/1882.5	1:1	0.101	0.08	24.73	25.00	1.064	0.107	22.3	1.6
Left tilted	20M_QPSK 50RB_0	376500/1882.5	1:1	0.107	0.12	24.73	25.00	1.064	0.114	22.3	1.6
Right cheek	20M_QPSK 50RB_0	376500/1882.5	1:1	0.163	0.08	24.73	25.00	1.064	0.173	22.3	1.6
Right tilted	20M_QPSK 50RB_0	376500/1882.5	1:1	0.092	-0.04	24.73	25.00	1.064	0.098	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.335	-0.15	22.41	22.50	1.021	0.342	22.3	1.6
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.872	-0.13	22.41	22.50	1.021	**0.890**	22.3	1.6
Back side	20M_QPSK 1RB_1	372000/1860	1:1	0.815	0.11	22.18	22.50	1.076	0.877	22.3	1.6
Back side	20M_QPSK 1RB_1	381000/1905	1:1	0.802	0.02	22.10	22.50	1.096	0.879	22.3	1.6
Back side-repeat	20M_QPSK 1RB_1	376500/1882.5	1:1	0.862	0.13	22.41	22.50	1.021	0.880	22.3	1.6
Front side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.265	0.14	22.39	22.50	1.026	0.272	22.3	1.6
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.703	-0.1	22.39	22.50	1.026	0.721	22.3	1.6
Front side	20M_QPSK 100RB_0	376500/1882.5	1:1	0.689	0.14	22.25	22.50	1.059	0.730	22.3	1.6
Body worn Distance SAR Test data											
Front side 69mm	20M_QPSK 1RB_0	376500/1882.5	1:1	0.031	0.02	24.87	25.00	1.030	0.032	22.3	1.6
Back side 49mm	20M_QPSK 1RB_0	376500/1882.5	1:1	0.073	-0.19	24.87	25.00	1.030	0.075	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.121	0.14	14.94	15.00	1.014	0.123	22.3	1.6
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.387	-0.1	14.94	15.00	1.014	0.392	22.3	1.6
Left side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.013	-0.02	14.94	15.00	1.014	0.013	22.3	1.6
Right side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.059	-0.02	14.94	15.00	1.014	0.060	22.3	1.6
Top side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.006	-0.01	14.94	15.00	1.014	0.006	22.3	1.6
Bottom side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.337	-0.1	14.94	15.00	1.014	0.342	22.3	1.6
Back side-repeat	20M_QPSK 1RB_1	376500/1882.5	1:1	0.383	0.01	14.94	15.00	1.014	0.388	22.3	1.6
Front side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.098	-0.05	14.80	15.00	1.047	0.103	22.3	1.6
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.301	-0.13	14.80	15.00	1.047	0.315	22.3	1.6
Left side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.011	0.14	14.80	15.00	1.047	0.012	22.3	1.6
Right side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.048	0.11	14.80	15.00	1.047	0.050	22.3	1.6

Top side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.004	0.1	14.80	15.00	1.047	0.004	22.3	1.6
Bottom side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.298	0.13	14.80	15.00	1.047	0.312	22.3	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 10-g**
Sensor on Extremity Test data(Separate 0mm)											
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	2.21	-0.05	23.82	24.00	1.042	**2.304**	22.3	4.0
Back side	20M_QPSK 1RB_1	372000/1860	1:1	2.13	0.03	23.80	24.00	1.047	2.230	22.3	4.0
Back side	20M_QPSK 1RB_1	381000/1905	1:1	2.01	0.02	23.70	24.00	1.072	2.154	22.3	4.0
Bottom side	20M_QPSK 1RB_1	376500/1882.5	1:1	2.12	-0.1	23.82	24.00	1.042	2.210	22.3	4.0
Bottom side	20M_QPSK 1RB_1	372000/1860	1:1	2.09	0.06	23.80	24.00	1.047	2.188	22.3	4.0
Bottom side	20M_QPSK 1RB_1	381000/1905	1:1	1.99	0.11	23.70	24.00	1.072	2.132	22.3	4.0
Back side-repeat	20M_QPSK 1RB_1	376500/1882.5	1:1	2.16	0.03	23.82	24.00	1.042	2.251	22.3	4.0
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	1.90	0.05	23.78	24.00	1.052	1.999	22.3	4.0
Bottom side	20M_QPSK 50RB_0	376500/1882.5	1:1	1.85	-0.03	23.78	24.00	1.052	1.946	22.3	4.0
Back side	20M_QPSK 100RB_0	376500/1882.5	1:1	1.82	0.05	23.64	24.00	1.086	1.977	22.3	4.0
Bottom side	20M_QPSK 100RB_0	376500/1882.5	1:1	1.76	-0.03	23.64	24.00	1.086	1.912	22.3	4.0
Sensor off Extremity Distance SAR Test data											
Back side 49mm	20M_QPSK 1RB_0	376500/1882.5	1:1	0.036	-0.19	24.87	25.00	1.030	0.037	22.3	4.0
Bottom side 62mm	20M_QPSK 1RB_1	376500/1882.5	1:1	0.024	-0.1	24.87	25.00	1.030	0.025	22.3	4.0
NR Band 25 SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.015	0.08	24.79	25.00	1.050	0.016	22.3	1.6
Left tilted	20M_QPSK 1RB_1	376500/1882.5	1:1	0.012	0.18	24.79	25.00	1.050	0.013	22.3	1.6
Right cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.036	0.19	24.79	25.00	1.050	0.038	22.3	1.6
Right tilted	20M_QPSK 1RB_1	376500/1882.5	1:1	0.028	-0.15	24.79	25.00	1.050	0.029	22.3	1.6
Left cheek	20M_QPSK 50RB_0	376500/1882.5	1:1	0.012	-0.04	24.60	25.00	1.096	0.013	22.3	1.6
Left tilted	20M_QPSK 50RB_0	376500/1882.5	1:1	0.010	0.1	24.60	25.00	1.096	0.011	22.3	1.6
Right cheek	20M_QPSK 50RB_0	376500/1882.5	1:1	0.029	0.12	24.60	25.00	1.096	0.032	22.3	1.6
Right tilted	20M_QPSK 50RB_0	376500/1882.5	1:1	0.021	-0.15	24.60	25.00	1.096	0.023	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.015	0.01	24.79	25.00	1.050	0.016	22.3	1.6
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.043	-0.15	24.79	25.00	1.050	0.045	22.3	1.6
Front side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.012	-0.16	24.60	25.00	1.096	0.013	22.3	1.6
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.036	0.18	24.60	25.00	1.096	0.039	22.3	1.6
Hotspot Test data(Separate 10mm)											

Front side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.021	0.03	24.79	25.00	1.050	0.022	22.3	1.6
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.052	0.07	24.79	25.00	1.050	0.055	22.3	1.6
Left side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.013	-0.12	24.79	25.00	1.050	0.014	22.3	1.6
Right side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.004	0.1	24.79	25.00	1.050	0.004	22.3	1.6
Top side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.008	-0.15	24.79	25.00	1.050	0.008	22.3	1.6
Bottom side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.009	-0.11	24.79	25.00	1.050	0.009	22.3	1.6
Front side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.016	0.07	24.60	25.00	1.096	0.018	22.3	1.6
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.041	0.12	24.60	25.00	1.096	0.045	22.3	1.6
Left side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.008	-0.04	24.60	25.00	1.096	0.009	22.3	1.6
Right side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.003	-0.17	24.60	25.00	1.096	0.003	22.3	1.6
Top side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.004	-0.06	24.60	25.00	1.096	0.004	22.3	1.6
Bottom side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.006	0.03	24.60	25.00	1.096	0.007	22.3	1.6
NR Band 25 SAR Ant4 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.561	-0.11	21.21	21.50	1.069	0.600	22.3	1.6
Left tilted	20M_QPSK 1RB_1	376500/1882.5	1:1	0.563	0.07	21.21	21.50	1.069	0.602	22.3	1.6
Right cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.839	-0.01	21.21	21.50	1.069	**0.897**	22.3	1.6
Right cheek	20M_QPSK 1RB_1	372000/1860	1:1	0.815	0.03	21.17	21.50	1.079	0.879	22.3	1.6
Right cheek	20M_QPSK 1RB_1	381000/1905	1:1	0.810	0.01	21.15	21.50	1.084	0.878	22.3	1.6
Right tilted	20M_QPSK 1RB_1	376500/1882.5	1:1	0.742	0.01	21.21	21.50	1.069	0.793	22.3	1.6
Right cheek-repeat	20M_QPSK 1RB_1	376500/1882.5	1:1	0.828	0.02	21.21	21.50	1.069	0.885	22.3	1.6
Left cheek	20M_QPSK 50RB_0	376500/1882.5	1:1	0.451	-0.14	21.02	21.50	1.117	0.504	22.3	1.6
Left tilted	20M_QPSK 50RB_0	376500/1882.5	1:1	0.438	-0.1	21.02	21.50	1.117	0.489	22.3	1.6
Right cheek	20M_QPSK 50RB_0	376500/1882.5	1:1	0.681	-0.09	21.02	21.50	1.117	0.761	22.3	1.6
Right tilted	20M_QPSK 50RB_0	376500/1882.5	1:1	0.620	-0.04	21.02	21.50	1.117	0.692	22.3	1.6
Right cheek	20M_QPSK 1RB_1	376500/1882.5	1:1	0.532	0.19	21.08	21.50	1.102	0.586	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.186	0.11	24.71	25.00	1.069	0.199	22.3	1.6
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.478	-0.16	24.71	25.00	1.069	0.511	22.3	1.6
Front side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.150	0.05	24.56	25.00	1.107	0.166	22.3	1.6
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.385	-0.12	24.56	25.00	1.107	0.426	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.257	0.07	23.79	24.00	1.050	0.270	22.3	1.6
Back side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.715	-0.02	23.79	24.00	1.050	**0.750**	22.3	1.6
Left side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.109	-0.07	23.79	24.00	1.050	0.114	22.3	1.6
Right side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.009	-0.09	23.79	24.00	1.050	0.009	22.3	1.6

Top side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.671	-0.01	23.79	24.00	1.050	0.704	22.3	1.6
Bottom side	20M_QPSK 1RB_1	376500/1882.5	1:1	0.011	0.11	23.79	24.00	1.050	0.012	22.3	1.6
Back side-repeat	20M_QPSK 1RB_1	376500/1882.5	1:1	0.701	-0.11	23.79	24.00	1.050	0.736	22.3	1.6
Front side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.207	-0.04	24.56	25.00	1.107	0.229	22.3	1.6
Back side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.572	-0.18	24.56	25.00	1.107	0.633	22.3	1.6
Left side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.087	-0.08	24.56	25.00	1.107	0.096	22.3	1.6
Right side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.004	-0.07	24.56	25.00	1.107	0.004	22.3	1.6
Top side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.54	-0.02	24.56	25.00	1.107	0.598	22.3	1.6
Bottom side	20M_QPSK 50RB_0	376500/1882.5	1:1	0.008	-0.03	24.56	25.00	1.107	0.009	22.3	1.6

8.2.23 SAR Result Of FR1 n30

NR Band 30 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	10M_QPSK 1RB_1	46200/2310	1:1	0.044	0.16	17.71	18.00	1.069	0.047	22.0	1.6
Left tilted	10M_QPSK 1RB_1	46200/2310	1:1	0.043	0.04	17.71	18.00	1.069	0.046	22.0	1.6
Right cheek	10M_QPSK 1RB_1	46200/2310	1:1	0.049	0.03	17.71	18.00	1.069	**0.052**	22.0	1.6
Right tilted	10M_QPSK 1RB_1	46200/2310	1:1	0.029	0.09	17.71	18.00	1.069	0.031	22.0	1.6
Left cheek	10M_QPSK 25RB_0	46200/2310	1:1	0.037	-0.07	17.65	18.00	1.084	0.040	22.0	1.6
Left tilted	10M_QPSK 25RB_0	46200/2310	1:1	0.033	-0.18	17.65	18.00	1.084	0.036	22.0	1.6
Right cheek	10M_QPSK 25RB_0	46200/2310	1:1	0.046	-0.14	17.65	18.00	1.084	0.050	22.0	1.6
Right tilted	10M_QPSK 25RB_0	46200/2310	1:1	0.026	0.06	17.65	18.00	1.084	0.028	22.0	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_1	46200/2310	1:1	0.081	-0.18	17.71	18.00	1.069	0.087	22.0	1.6
Back side	10M_QPSK 1RB_1	46200/2310	1:1	0.179	0.03	17.71	18.00	1.069	**0.191**	22.0	1.6
Front side	10M_QPSK 25RB_0	46200/2310	1:1	0.065	-0.02	17.65	18.00	1.084	0.070	22.0	1.6
Back side	10M_QPSK 25RB_0	46200/2310	1:1	0.144	0.17	17.65	18.00	1.084	0.156	22.0	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_1	46200/2310	1:1	0.152	-0.01	17.71	18.00	1.069	0.162	22.0	1.6
Back side	10M_QPSK 1RB_1	46200/2310	1:1	0.338	0.06	17.71	18.00	1.069	**0.361**	22.0	1.6
Left side	10M_QPSK 1RB_1	46200/2310	1:1	0.024	-0.06	17.71	18.00	1.069	0.026	22.0	1.6
Right side	10M_QPSK 1RB_1	46200/2310	1:1	0.028	0.04	17.71	18.00	1.069	0.030	22.0	1.6
Top side	10M_QPSK 1RB_1	46200/2310	1:1	0.004	-0.03	17.71	18.00	1.069	0.004	22.0	1.6
Bottom side	10M_QPSK 1RB_1	46200/2310	1:1	0.333	0.17	17.71	18.00	1.069	0.356	22.0	1.6
Front side	10M_QPSK 25RB_0	46200/2310	1:1	0.126	-0.05	17.65	18.00	1.084	0.137	22.0	1.6
Back side	10M_QPSK 25RB_0	46200/2310	1:1	0.257	-0.11	17.65	18.00	1.084	0.279	22.0	1.6
Left side	10M_QPSK 25RB_0	46200/2310	1:1	0.019	-0.09	17.65	18.00	1.084	0.021	22.0	1.6
Right side	10M_QPSK 25RB_0	46200/2310	1:1	0.021	0.04	17.65	18.00	1.084	0.023	22.0	1.6
Top side	10M_QPSK 25RB_0	46200/2310	1:1	0.003	-0.07	17.65	18.00	1.084	0.003	22.0	1.6
Bottom side	10M_QPSK 25RB_0	46200/2310	1:1	0.266	-0.17	17.65	18.00	1.084	0.288	22.0	1.6
NR Band 30 SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	10M_QPSK 1RB_1	27710/2310	1:1	0.012	0.01	17.57	18.00	1.104	0.013	22.0	1.6

Left tilted	10M_QPSK 1RB_1	27710/2310	1:1	0.009	-0.11	17.57	18.00	1.104	0.010	22.0	1.6
Right cheek	10M_QPSK 1RB_1	27710/2310	1:1	0.021	0.14	17.57	18.00	1.104	0.023	22.0	1.6
Right tilted	10M_QPSK 1RB_1	27710/2310	1:1	0.018	0.02	17.57	18.00	1.104	0.020	22.0	1.6
Left cheek	10M_QPSK 25RB_0	27710/2310	1:1	0.01	0.03	17.38	18.00	1.153	0.012	22.0	1.6
Left tilted	10M_QPSK 25RB_0	27710/2310	1:1	0.007	0.09	17.38	18.00	1.153	0.008	22.0	1.6
Right cheek	10M_QPSK 25RB_0	27710/2310	1:1	0.017	0.02	17.38	18.00	1.153	0.020	22.0	1.6
Right tilted	10M_QPSK 25RB_0	27710/2310	1:1	0.014	0.07	17.38	18.00	1.153	0.016	22.0	1.6
Body worn Test data(Separate 15mm)											
Front side	10M_QPSK 1RB_1	27710/2310	1:1	0.015	-0.01	17.57	18.00	1.104	0.017	22.0	1.6
Back side	10M_QPSK 1RB_1	27710/2310	1:1	0.056	-0.01	17.57	18.00	1.104	0.062	22.0	1.6
Front side	10M_QPSK 25RB_0	27710/2310	1:1	0.011	-0.05	17.38	18.00	1.153	0.013	22.0	1.6
Back side	10M_QPSK 25RB_0	27710/2310	1:1	0.044	0.19	17.38	18.00	1.153	0.051	22.0	1.6
Hotspot Test data(Separate 10mm)											
Front side	10M_QPSK 1RB_1	27710/2310	1:1	0.019	-0.01	17.57	18.00	1.104	0.021	22.0	1.6
Back side	10M_QPSK 1RB_1	27710/2310	1:1	0.085	0.19	17.57	18.00	1.104	0.094	22.0	1.6
Left side	10M_QPSK 1RB_1	27710/2310	1:1	0.014	0.14	17.57	18.00	1.104	0.015	22.0	1.6
Right side	10M_QPSK 1RB_1	27710/2310	1:1	0.008	0.09	17.57	18.00	1.104	0.009	22.0	1.6
Top side	10M_QPSK 1RB_1	27710/2310	1:1	0.014	0.15	17.57	18.00	1.104	0.015	22.0	1.6
Bottom side	10M_QPSK 1RB_1	27710/2310	1:1	0.004	-0.19	17.57	18.00	1.104	0.004	22.0	1.6
Front side	10M_QPSK 25RB_0	27710/2310	1:1	0.016	-0.15	17.38	18.00	1.153	0.018	22.0	1.6
Back side	10M_QPSK 25RB_0	27710/2310	1:1	0.072	-0.17	17.38	18.00	1.153	0.083	22.0	1.6
Left side	10M_QPSK 25RB_0	27710/2310	1:1	0.012	-0.07	17.38	18.00	1.153	0.014	22.0	1.6
Right side	10M_QPSK 25RB_0	27710/2310	1:1	0.006	0.02	17.38	18.00	1.153	0.007	22.0	1.6
Top side	10M_QPSK 25RB_0	27710/2310	1:1	0.009	0.06	17.38	18.00	1.153	0.010	22.0	1.6
Bottom side	10M_QPSK 25RB_0	27710/2310	1:1	0.003	-0.15	17.38	18.00	1.153	0.003	22.0	1.6

8.2.24 SAR Result Of FR1 n41

NR Band 41 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.069	-0.19	25.42	25.50	1.019	0.070	22.1	1.6
Left tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.032	0.16	25.42	25.50	1.019	0.033	22.1	1.6
Right cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.082	0.04	25.42	25.50	1.019	0.084	22.1	1.6
Right tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.036	-0.19	25.42	25.50	1.019	0.037	22.1	1.6
Left cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.074	-0.11	25.24	25.50	1.062	0.079	22.1	1.6
Left tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.036	-0.08	25.24	25.50	1.062	0.038	22.1	1.6
Right cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.098	0.17	25.24	25.50	1.062	0.104	22.1	1.6
Right tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.041	0.01	25.24	25.50	1.062	0.044	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.374	-0.19	25.42	25.50	1.019	0.381	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.543	-0.14	25.42	25.50	1.019	**0.553**	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.348	-0.08	25.24	25.50	1.062	0.369	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.518	-0.17	25.24	25.50	1.062	0.550	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.330	-0.04	20.96	21.00	1.009	0.333	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.463	0.03	20.96	21.00	1.009	0.467	22.1	1.6
Left side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.031	-0.02	20.96	21.00	1.009	0.031	22.1	1.6
Right side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.080	-0.19	20.96	21.00	1.009	0.081	22.1	1.6
Top side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.003	-0.11	20.96	21.00	1.009	0.003	22.1	1.6
Bottom side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.520	-0.08	20.96	21.00	1.009	**0.525**	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.320	0.15	20.84	21.00	1.038	0.332	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.419	0.17	20.84	21.00	1.038	0.435	22.1	1.6
Left side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.029	-0.16	20.84	21.00	1.038	0.030	22.1	1.6
Right side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.072	-0.15	20.84	21.00	1.038	0.075	22.1	1.6
Top side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.001	0.14	20.84	21.00	1.038	0.001	22.1	1.6
Bottom side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.469	-0.15	20.84	21.00	1.038	0.487	22.1	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Sensor on Extremity Test data(Separate 0mm)											
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	2.24	0.05	23.90	24.00	1.023	2.292	22.1	4.0
Bottom side	100M_QPSK 1RB_1	518598/2592.99	1:1	1.36	0.13	23.90	24.00	1.023	1.392	22.1	4.0

Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	2.43	-0.03	23.86	24.00	1.033	**2.510**	22.1	4.0
Bottom side	100M_QPSK 135RB_0	518598/2592.99	1:1	1.38	-0.05	23.86	24.00	1.033	1.425	22.1	4.0
Back side-repeat	100M_QPSK 135RB_0	518598/2592.99	1:1	2.28	0.02	23.86	24.00	1.033	2.355	22.1	4.0
Back side	100M_QPSK 270RB_0	518598/2592.99	1:1	2.37	-0.11	23.82	24.00	1.042	2.470	22.1	4.0
Sensor off Extremity Distance SAR Test data											
Back side 49mm	100M_QPSK 1RB_1	518598/2592.99	1:1	0.028	-0.09	25.42	25.50	1.019	0.029	22.1	4.0
Bottom side 62mm	100M_QPSK 1RB_1	518598/2592.99	1:1	0.017	0.13	25.42	25.50	1.019	0.017	22.1	4.0
NR Band 41 SAR Ant1 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.022	-0.12	25.27	25.50	1.054	0.023	22.1	1.6
Left tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.016	-0.15	25.27	25.50	1.054	0.017	22.1	1.6
Right cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.036	0.17	25.27	25.50	1.054	0.038	22.1	1.6
Right tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.023	0.1	25.27	25.50	1.054	0.024	22.1	1.6
Left cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.018	-0.08	25.00	25.50	1.122	0.020	22.1	1.6
Left tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.012	0.06	25.00	25.50	1.122	0.013	22.1	1.6
Right cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.026	-0.13	25.00	25.50	1.122	0.029	22.1	1.6
Right tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.018	0.14	25.00	25.50	1.122	0.020	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.012	-0.02	25.27	25.50	1.054	0.013	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.035	-0.12	25.27	25.50	1.054	0.037	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.009	0.15	25.00	25.50	1.122	0.010	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.029	-0.1	25.00	25.50	1.122	0.033	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.016	-0.04	25.27	25.50	1.054	0.017	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.048	0.16	25.27	25.50	1.054	0.051	22.1	1.6
Left side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.012	0.04	25.27	25.50	1.054	0.013	22.1	1.6
Right side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.009	0.09	25.27	25.50	1.054	0.009	22.1	1.6
Top side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.014	-0.03	25.27	25.50	1.054	0.015	22.1	1.6
Bottom side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.01	0.11	25.27	25.50	1.054	0.011	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.012	0.06	25.00	25.50	1.122	0.013	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.041	-0.11	25.00	25.50	1.122	0.046	22.1	1.6
Left side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.008	0.15	25.00	25.50	1.122	0.009	22.1	1.6
Right side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.006	-0.03	25.00	25.50	1.122	0.007	22.1	1.6
Top side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.008	0.08	25.00	25.50	1.122	0.009	22.1	1.6
Bottom side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.004	0.11	25.00	25.50	1.122	0.004	22.1	1.6
NR Band 41 SAR Ant2 Test Record											

Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.012	0.04	25.04	25.50	1.112	0.013	22.1	1.6
Left tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.003	-0.1	25.04	25.50	1.112	0.003	22.1	1.6
Right cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.030	0.01	25.04	25.50	1.112	0.033	22.1	1.6
Right tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.008	0.08	25.04	25.50	1.112	0.009	22.1	1.6
Left cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.009	-0.05	24.77	25.50	1.183	0.011	22.1	1.6
Left tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.002	0.02	24.77	25.50	1.183	0.002	22.1	1.6
Right cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.026	0.06	24.77	25.50	1.183	0.031	22.1	1.6
Right tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.006	0.1	24.77	25.50	1.183	0.007	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.040	-0.06	25.04	25.50	1.112	0.044	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.116	-0.19	25.04	25.50	1.112	0.129	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.037	0.08	24.77	25.50	1.183	0.044	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.090	-0.16	24.77	25.50	1.183	0.106	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.063	-0.04	25.04	25.50	1.112	0.070	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.198	-0.13	25.04	25.50	1.112	0.220	22.1	1.6
Left side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.005	-0.12	25.04	25.50	1.112	0.006	22.1	1.6
Right side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.194	-0.1	25.04	25.50	1.112	0.216	22.1	1.6
Top side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.012	-0.19	25.04	25.50	1.112	0.013	22.1	1.6
Bottom side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.042	-0.06	25.04	25.50	1.112	0.047	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.047	-0.01	24.77	25.50	1.183	0.056	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.146	-0.15	24.77	25.50	1.183	0.173	22.1	1.6
Left side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.001	-0.03	24.77	25.50	1.183	0.001	22.1	1.6
Right side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.150	0.14	24.77	25.50	1.183	0.177	22.1	1.6
Top side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.005	0.19	24.77	25.50	1.183	0.006	22.1	1.6
Bottom side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.037	-0.1	24.77	25.50	1.183	0.044	22.1	1.6
NR Band 41 SAR Ant3 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.146	-0.01	25.15	25.50	1.084	**0.158**	22.1	1.6
Left tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.051	-0.04	25.15	25.50	1.084	0.055	22.1	1.6
Right cheek	100M_QPSK 1RB_1	518598/2592.99	1:1	0.124	-0.11	25.15	25.50	1.084	0.134	22.1	1.6
Right tilted	100M_QPSK 1RB_1	518598/2592.99	1:1	0.085	0.05	25.15	25.50	1.084	0.092	22.1	1.6

Left cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.125	-0.14	24.72	25.50	1.197	0.150	22.1	1.6
Left tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.051	-0.09	24.72	25.50	1.197	0.061	22.1	1.6
Right cheek	100M_QPSK 135RB_0	518598/2592.99	1:1	0.123	0.09	24.72	25.50	1.197	0.147	22.1	1.6
Right tilted	100M_QPSK 135RB_0	518598/2592.99	1:1	0.08	-0.1	24.72	25.50	1.197	0.096	22.1	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.042	-0.04	25.15	25.50	1.084	0.046	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.124	0.04	25.15	25.50	1.084	0.134	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.034	-0.19	24.72	25.50	1.197	0.041	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.12	-0.13	24.72	25.50	1.197	0.144	22.1	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.052	0.05	25.15	25.50	1.084	0.056	22.1	1.6
Back side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.225	-0.12	25.15	25.50	1.084	0.244	22.1	1.6
Left side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.203	0.1	25.15	25.50	1.084	0.220	22.1	1.6
Right side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.008	0.08	25.15	25.50	1.084	0.009	22.1	1.6
Top side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.004	0.18	25.15	25.50	1.084	0.004	22.1	1.6
Bottom side	100M_QPSK 1RB_1	518598/2592.99	1:1	0.004	0.06	25.15	25.50	1.084	0.004	22.1	1.6
Front side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.044	-0.02	24.72	25.50	1.197	0.053	22.1	1.6
Back side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.202	0.14	24.72	25.50	1.197	0.242	22.1	1.6
Left side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.181	0.12	24.72	25.50	1.197	0.217	22.1	1.6
Right side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.005	-0.1	24.72	25.50	1.197	0.006	22.1	1.6
Top side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.003	0.15	24.72	25.50	1.197	0.004	22.1	1.6
Bottom side	100M_QPSK 135RB_0	518598/2592.99	1:1	0.001	0.04	24.72	25.50	1.197	0.001	22.1	1.6

8.2.25 SAR Result Of FR1 n48

NR Band 48 SAR Ant1 Test Record											
Test position	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power Drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data											
Left cheek	40M_QPSK 1RB_1	641666/3624.99	1:1	0.058	-0.05	17.29	17.50	1.050	0.061	22.3	1.6
Left tilted	40M_QPSK 1RB_1	641666/3624.99	1:1	0.018	-0.19	17.29	17.50	1.050	0.019	22.3	1.6
Right cheek	40M_QPSK 1RB_1	641666/3624.99	1:1	0.135	-0.04	17.29	17.50	1.050	**0.142**	22.3	1.6
Right tilted	40M_QPSK 1RB_1	641666/3624.99	1:1	0.013	-0.19	17.29	17.50	1.050	0.014	22.3	1.6
Left cheek	40M_QPSK 108RB_0	641666/3624.99	1:1	0.053	-0.09	17.22	17.50	1.067	0.057	22.3	1.6
Left tilted	40M_QPSK 108RB_0	641666/3624.99	1:1	0.015	-0.17	17.22	17.50	1.067	0.016	22.3	1.6
Right cheek	40M_QPSK 108RB_0	641666/3624.99	1:1	0.100	-0.17	17.22	17.50	1.067	0.107	22.3	1.6
Right tilted	40M_QPSK 108RB_0	641666/3624.99	1:1	0.010	-0.06	17.22	17.50	1.067	0.011	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.007	-0.19	17.29	17.50	1.050	0.007	22.3	1.6
Back side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.118	-0.07	17.29	17.50	1.050	**0.124**	22.3	1.6
Front side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.006	-0.08	17.22	17.50	1.067	0.006	22.3	1.6
Back side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.112	0.05	17.22	17.50	1.067	0.119	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.013	0.12	17.29	17.50	1.050	0.014	22.3	1.6
Back side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.258	-0.02	17.29	17.50	1.050	**0.271**	22.3	1.6
Left side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.013	-0.17	17.29	17.50	1.050	0.014	22.3	1.6
Right side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.189	0.03	17.29	17.50	1.050	0.198	22.3	1.6
Top side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.011	0.09	17.29	17.50	1.050	0.012	22.3	1.6
Bottom side	40M_QPSK 1RB_1	641666/3624.99	1:1	0.014	0.19	17.29	17.50	1.050	0.015	22.3	1.6
Front side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.012	-0.13	17.22	17.50	1.067	0.013	22.3	1.6
Back side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.246	-0.03	17.22	17.50	1.067	0.262	22.3	1.6
Left side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.005	-0.01	17.22	17.50	1.067	0.005	22.3	1.6
Right side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.171	-0.15	17.22	17.50	1.067	0.182	22.3	1.6
Top side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.008	0.08	17.22	17.50	1.067	0.009	22.3	1.6
Bottom side	40M_QPSK 108RB_0	641666/3624.99	1:1	0.011	0.13	17.22	17.50	1.067	0.012	22.3	1.6

8.2.26 SAR Result Of FR1 n66

NR Band 66 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	349000/1745	1:1	0.010	-0.07	24.05	24.50	1.109	0.011	22.2	1.6
Left tilted	20M_QPSK 1RB_1	349000/1745	1:1	0.003	-0.02	24.05	24.50	1.109	0.003	22.2	1.6
Right cheek	20M_QPSK 1RB_1	349000/1745	1:1	0.071	-0.13	24.05	24.50	1.109	0.079	22.2	1.6
Right tilted	20M_QPSK 1RB_1	349000/1745	1:1	0.009	0.07	24.05	24.50	1.109	0.010	22.2	1.6
Left cheek	20M_QPSK 50RB_0	349000/1745	1:1	0.012	-0.01	23.97	24.50	1.130	0.014	22.2	1.6
Left tilted	20M_QPSK 50RB_0	349000/1745	1:1	0.005	0.03	23.97	24.50	1.130	0.006	22.2	1.6
Right cheek	20M_QPSK 50RB_0	349000/1745	1:1	0.085	-0.13	23.97	24.50	1.130	0.096	22.2	1.6
Right tilted	20M_QPSK 50RB_0	349000/1745	1:1	0.012	0.17	23.97	24.50	1.130	0.014	22.2	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	349000/1745	1:1	0.181	-0.1	24.05	24.50	1.109	0.201	22.2	1.6
Back side	20M_QPSK 1RB_1	349000/1745	1:1	0.596	-0.04	24.05	24.50	1.109	**0.661**	22.2	1.6
Front side	20M_QPSK 50RB_0	349000/1745	1:1	0.161	-0.03	23.97	24.50	1.130	0.182	22.2	1.6
Back side	20M_QPSK 50RB_0	349000/1745	1:1	0.563	-0.13	23.97	24.50	1.130	0.636	22.2	1.6
Back side	20M_QPSK 100RB_0	349000/1745	1:1	0.526	-0.14	23.76	24.50	1.186	0.624	22.2	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_1	349000/1745	1:1	0.114	0.07	19.05	19.50	1.109	0.126	22.2	1.6
Back side	20M_QPSK 1RB_1	349000/1745	1:1	0.446	-0.06	19.05	19.50	1.109	**0.495**	22.2	1.6
Left side	20M_QPSK 1RB_1	349000/1745	1:1	0.009	0.13	19.05	19.50	1.109	0.010	22.2	1.6
Right side	20M_QPSK 1RB_1	349000/1745	1:1	0.035	0.06	19.05	19.50	1.109	0.039	22.2	1.6
Top side	20M_QPSK 1RB_1	349000/1745	1:1	0.005	0.08	19.05	19.50	1.109	0.006	22.2	1.6
Bottom side	20M_QPSK 1RB_1	349000/1745	1:1	0.353	0.12	19.05	19.50	1.109	0.392	22.2	1.6
Front side	20M_QPSK 50RB_0	349000/1745	1:1	0.105	0.19	18.86	19.50	1.159	0.122	22.2	1.6
Back side	20M_QPSK 50RB_0	349000/1745	1:1	0.419	0.14	18.86	19.50	1.159	0.486	22.2	1.6
Left side	20M_QPSK 50RB_0	349000/1745	1:1	0.008	0.15	18.86	19.50	1.159	0.009	22.2	1.6
Right side	20M_QPSK 50RB_0	349000/1745	1:1	0.032	0.06	18.86	19.50	1.159	0.037	22.2	1.6
Top side	20M_QPSK 50RB_0	349000/1745	1:1	0.002	-0.09	18.86	19.50	1.159	0.002	22.2	1.6
Bottom side	20M_QPSK 50RB_0	349000/1745	1:1	0.313	-0.1	18.86	19.50	1.159	0.363	22.2	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Sensor on Extremity Test data(Separate 0mm)											
Back side	20M_QPSK 1RB_1	349000/1745	1:1	2.41	-0.04	22.05	22.50	1.109	**2.673**	22.2	4.0

Back side	20M_QPSK 1RB_1	344000/1720	1:1	2.31	0.08	21.92	22.50	1.143	2.640	22.2	4.0
Back side	20M_QPSK 1RB_1	354000/1770	1:1	2.27	0.06	21.86	22.50	1.159	2.630	22.2	4.0
Bottom side	20M_QPSK 1RB_1	349000/1745	1:1	2.01	-0.07	22.05	22.50	1.109	2.229	22.2	4.0
Bottom side	20M_QPSK 1RB_1	344000/1720	1:1	1.93	0.05	21.92	22.50	1.143	2.206	22.2	4.0
Bottom side	20M_QPSK 1RB_1	354000/1770	1:1	1.89	0.01	21.86	22.50	1.159	2.190	22.2	4.0
Back side-repeat	20M_QPSK 1RB_1	349000/1745	1:1	2.31	0.07	22.05	22.50	1.109	2.562	22.2	4.0
Back side	20M_QPSK 50RB_0	349000/1745	1:1	2.09	-0.07	21.86	22.50	1.159	2.422	22.2	4.0
Back side	20M_QPSK 50RB_0	344000/1720	1:1	1.92	0.11	21.60	22.50	1.230	2.362	22.2	4.0
Back side	20M_QPSK 50RB_0	354000/1770	1:1	1.98	-0.07	21.82	22.50	1.169	2.316	22.2	4.0
Bottom side	20M_QPSK 50RB_0	349000/1745	1:1	1.83	-0.18	21.86	22.50	1.159	2.121	22.2	4.0
Bottom side	20M_QPSK 50RB_0	344000/1720	1:1	1.71	0.05	21.60	22.50	1.230	2.104	22.2	4.0
Bottom side	20M_QPSK 50RB_0	354000/1770	1:1	1.75	0.08	21.82	22.50	1.169	2.047	22.2	4.0
Back side	20M_QPSK 100RB_0	349000/1745	1:1	1.64	-0.19	21.69	22.50	1.205	1.976	22.2	4.0
Bottom side	20M_QPSK 100RB_0	349000/1745	1:1	1.49	-0.01	21.69	22.50	1.205	1.796	22.2	4.0
Sensor off Extremity Distance SAR Test data											
Back side 49mm	20M_QPSK 1RB_1	349000/1745	1:1	0.024	0.15	24.05	24.50	1.109	0.027	22.2	4.0
Bottom side 62mm	20M_QPSK 1RB_1	349000/1745	1:1	0.012	0.06	24.05	24.50	1.109	0.013	22.2	4.0
NR Band 66 SAR Ant4 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	349000/1745	1:1	0.310	-0.17	20.95	21.50	1.135	0.352	22.2	1.6
Left tilted	20M_QPSK 1RB_1	349000/1745	1:1	0.325	0.12	20.95	21.50	1.135	0.369	22.2	1.6
Right cheek	20M_QPSK 1RB_1	349000/1745	1:1	0.592	0.02	20.95	21.50	1.135	**0.672**	22.2	1.6
Right tilted	20M_QPSK 1RB_1	349000/1745	1:1	0.513	-0.11	20.95	21.50	1.135	0.582	22.2	1.6
Left cheek	20M_QPSK 50RB_0	349000/1745	1:1	0.294	-0.14	20.88	21.50	1.153	0.339	22.2	1.6
Left tilted	20M_QPSK 50RB_0	349000/1745	1:1	0.305	0.09	20.88	21.50	1.153	0.352	22.2	1.6
Right cheek	20M_QPSK 50RB_0	349000/1745	1:1	0.469	-0.19	20.88	21.50	1.153	0.541	22.2	1.6
Right tilted	20M_QPSK 50RB_0	349000/1745	1:1	0.418	-0.13	20.88	21.50	1.153	0.482	22.2	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	349000/1745	1:1	0.092	0.15	23.87	24.50	1.156	0.106	22.2	1.6
Back side	20M_QPSK 1RB_1	349000/1745	1:1	0.250	-0.1	23.87	24.50	1.156	0.289	22.2	1.6
Front side	20M_QPSK 50RB_0	349000/1745	1:1	0.070	-0.11	23.80	24.50	1.175	0.082	22.2	1.6
Back side	20M_QPSK 50RB_0	349000/1745	1:1	0.196	-0.05	23.80	24.50	1.175	0.230	22.2	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_1	349000/1745	1:1	0.180	-0.13	23.87	24.50	1.156	0.208	22.2	1.6
Back side	20M_QPSK 1RB_1	349000/1745	1:1	0.424	0.19	23.87	24.50	1.156	0.490	22.2	1.6
Left side	20M_QPSK 1RB_1	349000/1745	1:1	0.072	-0.15	23.87	24.50	1.156	0.083	22.2	1.6

Right side	20M_QPSK 1RB_1	349000/1745	1:1	0.003	-0.02	23.87	24.50	1.156	0.003	22.2	1.6
Top side	20M_QPSK 1RB_1	349000/1745	1:1	0.402	-0.07	23.87	24.50	1.156	0.465	22.2	1.6
Bottom side	20M_QPSK 1RB_1	349000/1745	1:1	0.007	-0.03	23.87	24.50	1.156	0.008	22.2	1.6
Front side	20M_QPSK 50RB_0	349000/1745	1:1	0.131	0.16	23.80	24.50	1.175	0.154	22.2	1.6
Back side	20M_QPSK 50RB_0	349000/1745	1:1	0.371	-0.14	23.80	24.50	1.175	0.436	22.2	1.6
Left side	20M_QPSK 50RB_0	349000/1745	1:1	0.059	-0.07	23.80	24.50	1.175	0.069	22.2	1.6
Right side	20M_QPSK 50RB_0	349000/1745	1:1	0.001	0.19	23.80	24.50	1.175	0.001	22.2	1.6
Top side	20M_QPSK 50RB_0	349000/1745	1:1	0.334	-0.03	23.80	24.50	1.175	0.392	22.2	1.6
Bottom side	20M_QPSK 50RB_0	349000/1745	1:1	0.004	0.19	23.80	24.50	1.175	0.005	22.2	1.6

8.2.27 SAR Result Of FR1 n71

NR Band 71 SAR Ant0 Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	20M_QPSK 1RB_1	136100/680.5	1:1	0.120	-0.1	23.72	24.00	1.067	0.128	22.2	1.6
Left tilted	20M_QPSK 1RB_1	136100/680.5	1:1	0.068	0.07	23.72	24.00	1.067	0.073	22.2	1.6
Right cheek	20M_QPSK 1RB_1	136100/680.5	1:1	0.135	-0.07	23.72	24.00	1.067	**0.144**	22.2	1.6
Right tilted	20M_QPSK 1RB_1	136100/680.5	1:1	0.075	0.07	23.72	24.00	1.067	0.080	22.2	1.6
Left cheek	20M_QPSK 50RB_0	136100/680.5	1:1	0.099	0.02	23.59	24.00	1.099	0.109	22.2	1.6
Left tilted	20M_QPSK 50RB_0	136100/680.5	1:1	0.057	0.17	23.59	24.00	1.099	0.063	22.2	1.6
Right cheek	20M_QPSK 50RB_0	136100/680.5	1:1	0.110	0.11	23.59	24.00	1.099	0.121	22.2	1.6
Right tilted	20M_QPSK 50RB_0	136100/680.5	1:1	0.065	-0.11	23.59	24.00	1.099	0.071	22.2	1.6
Body worn Test data(Separate 15mm)											
Front side	20M_QPSK 1RB_1	136100/680.5	1:1	0.080	-0.16	23.72	24.00	1.067	0.085	22.2	1.6
Back side	20M_QPSK 1RB_1	136100/680.5	1:1	0.117	0.04	23.72	24.00	1.067	**0.125**	22.2	1.6
Front side	20M_QPSK 50RB_0	136100/680.5	1:1	0.072	-0.12	23.59	24.00	1.099	0.079	22.2	1.6
Back side	20M_QPSK 50RB_0	136100/680.5	1:1	0.096	-0.08	23.59	24.00	1.099	0.106	22.2	1.6
Hotspot Test data(Separate 10mm)											
Front side	20M_QPSK 1RB_1	136100/680.5	1:1	0.107	-0.13	23.72	24.00	1.067	0.114	22.2	1.6
Back side	20M_QPSK 1RB_1	136100/680.5	1:1	0.153	-0.03	23.72	24.00	1.067	**0.163**	22.2	1.6
Left side	20M_QPSK 1RB_1	136100/680.5	1:1	0.111	-0.02	23.72	24.00	1.067	0.118	22.2	1.6
Right side	20M_QPSK 1RB_1	136100/680.5	1:1	0.160	-0.14	23.72	24.00	1.067	0.171	22.2	1.6
Top side	20M_QPSK 1RB_1	136100/680.5	1:1	0.014	-0.05	23.72	24.00	1.067	0.015	22.2	1.6
Bottom side	20M_QPSK 1RB_1	136100/680.5	1:1	0.038	-0.12	23.72	24.00	1.067	0.041	22.2	1.6
Front side	20M_QPSK 50RB_0	136100/680.5	1:1	0.079	0.14	23.59	24.00	1.099	0.087	22.2	1.6
Back side	20M_QPSK 50RB_0	136100/680.5	1:1	0.123	-0.14	23.59	24.00	1.099	0.135	22.2	1.6
Left side	20M_QPSK 50RB_0	136100/680.5	1:1	0.087	0.15	23.59	24.00	1.099	0.096	22.2	1.6
Right side	20M_QPSK 50RB_0	136100/680.5	1:1	0.135	0.06	23.59	24.00	1.099	0.148	22.2	1.6
Top side	20M_QPSK 50RB_0	136100/680.5	1:1	0.011	0.09	23.59	24.00	1.099	0.012	22.2	1.6
Bottom side	20M_QPSK 50RB_0	136100/680.5	1:1	0.036	-0.07	23.59	24.00	1.099	0.040	22.2	1.6

8.2.28 SAR Result Of FR1 n77

NR Band 77 (3450~3550) Ant1 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.023	0.05	25.84	26.00	1.038	0.024	22.3	1.6
Left tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.007	0.05	25.84	26.00	1.038	0.007	22.3	1.6
Right cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.054	0.05	25.84	26.00	1.038	0.056	22.3	1.6
Right tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.005	-0.02	25.84	26.00	1.038	0.005	22.3	1.6
Left cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.021	0.1	25.67	26.00	1.079	0.023	22.3	1.6
Left tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.006	0.11	25.67	26.00	1.079	0.006	22.3	1.6
Right cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.04	0.18	25.67	26.00	1.079	0.043	22.3	1.6
Right tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.004	-0.14	25.67	26.00	1.079	0.004	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.005	0.05	25.84	26.00	1.038	0.005	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.08	0.11	25.84	26.00	1.038	0.083	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.004	-0.1	25.67	26.00	1.079	0.004	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.079	-0.02	25.67	26.00	1.079	0.085	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.007	-0.19	25.84	26.00	1.038	0.007	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.134	-0.13	25.84	26.00	1.038	0.139	22.3	1.6
Left side	100M_QPSK 1RB_1	633334/3500	1:1	0.009	-0.15	25.84	26.00	1.038	0.009	22.3	1.6
Right side	100M_QPSK 1RB_1	633334/3500	1:1	0.098	-0.14	25.84	26.00	1.038	0.102	22.3	1.6
Top side	100M_QPSK 1RB_1	633334/3500	1:1	0.011	0.04	25.84	26.00	1.038	0.011	22.3	1.6
Bottom side	100M_QPSK 1RB_1	633334/3500	1:1	0.005	-0.08	25.84	26.00	1.038	0.005	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.006	0.01	25.67	26.00	1.079	0.006	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.128	0.04	25.67	26.00	1.079	0.138	22.3	1.6
Left side	100M_QPSK 135RB_0	633334/3500	1:1	0.004	-0.17	25.67	26.00	1.079	0.004	22.3	1.6
Right side	100M_QPSK 135RB_0	633334/3500	1:1	0.089	0.16	25.67	26.00	1.079	0.096	22.3	1.6
Top side	100M_QPSK 135RB_0	633334/3500	1:1	0.009	0.19	25.67	26.00	1.079	0.010	22.3	1.6
Bottom side	100M_QPSK 135RB_0	633334/3500	1:1	0.001	-0.13	25.67	26.00	1.079	0.001	22.3	1.6
NR Band 77 (3700~3980) Ant1 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.01	0.12	25.48	26.00	1.127	0.011	22.3	1.6

Left tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.003	-0.01	25.48	26.00	1.127	0.003	22.3	1.6
Right cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.006	0.17	25.48	26.00	1.127	0.007	22.3	1.6
Right tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.002	0.16	25.48	26.00	1.127	0.002	22.3	1.6
Left cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.009	-0.15	25.39	26.00	1.151	0.010	22.3	1.6
Left tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.002	-0.13	25.39	26.00	1.151	0.002	22.3	1.6
Right cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.005	0.03	25.39	26.00	1.151	0.006	22.3	1.6
Right tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.001	-0.18	25.39	26.00	1.151	0.001	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.001	-0.03	25.48	26.00	1.127	0.001	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.033	-0.04	25.48	26.00	1.127	0.037	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.001	0.11	25.39	26.00	1.151	0.001	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.03	0.04	25.39	26.00	1.151	0.035	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.002	0.06	25.48	26.00	1.127	0.002	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.046	0.13	25.48	26.00	1.127	0.052	22.3	1.6
Left side	100M_QPSK 1RB_1	656000/3840	1:1	0.007	0.02	25.48	26.00	1.127	0.008	22.3	1.6
Right side	100M_QPSK 1RB_1	656000/3840	1:1	0.028	0.14	25.48	26.00	1.127	0.032	22.3	1.6
Top side	100M_QPSK 1RB_1	656000/3840	1:1	0.005	-0.17	25.48	26.00	1.127	0.006	22.3	1.6
Bottom side	100M_QPSK 1RB_1	656000/3840	1:1	0.002	-0.12	25.48	26.00	1.127	0.002	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.002	-0.02	25.39	26.00	1.151	0.002	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.045	0.11	25.39	26.00	1.151	0.052	22.3	1.6
Left side	100M_QPSK 135RB_0	656000/3840	1:1	0.005	0.12	25.39	26.00	1.151	0.006	22.3	1.6
Right side	100M_QPSK 135RB_0	656000/3840	1:1	0.026	-0.16	25.39	26.00	1.151	0.030	22.3	1.6
Top side	100M_QPSK 135RB_0	656000/3840	1:1	0.002	0.04	25.39	26.00	1.151	0.002	22.3	1.6
Bottom side	100M_QPSK 135RB_0	656000/3840	1:1	0.002	0.15	25.39	26.00	1.151	0.002	22.3	1.6
NR Band 77 (3450~3550) Ant2 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.079	0.04	22.17	22.50	1.079	0.085	22.3	1.6
Left tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.045	-0.08	22.17	22.50	1.079	0.049	22.3	1.6
Right cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.120	-0.18	22.17	22.50	1.079	0.129	22.3	1.6
Right tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.028	0.02	22.17	22.50	1.079	0.030	22.3	1.6
Left cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.069	-0.15	22.16	22.50	1.081	0.075	22.3	1.6
Left tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.043	0.02	22.16	22.50	1.081	0.047	22.3	1.6
Right cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.104	0.15	22.16	22.50	1.081	0.112	22.3	1.6
Right tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.024	-0.15	22.16	22.50	1.081	0.026	22.3	1.6
Body worn Test data(Separate 15mm)											

Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.099	-0.06	22.17	22.50	1.079	0.107	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.438	-0.07	22.17	22.50	1.079	0.473	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.093	-0.19	22.16	22.50	1.081	0.101	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.408	0.14	22.16	22.50	1.081	0.441	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.121	0.01	22.17	22.50	1.079	0.131	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.658	0.04	22.17	22.50	1.079	0.710	22.3	1.6
Left side	100M_QPSK 1RB_1	633334/3500	1:1	0.006	0.08	22.17	22.50	1.079	0.006	22.3	1.6
Right side	100M_QPSK 1RB_1	633334/3500	1:1	0.639	-0.08	22.17	22.50	1.079	0.689	22.3	1.6
Top side	100M_QPSK 1RB_1	633334/3500	1:1	0.012	0.11	22.17	22.50	1.079	0.013	22.3	1.6
Bottom side	100M_QPSK 1RB_1	633334/3500	1:1	0.152	0.09	22.17	22.50	1.079	0.164	22.3	1.6
Back side-repeat	100M_QPSK 1RB_1	633334/3500	1:1	0.652	0.06	22.17	22.50	1.079	0.703	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.118	0.12	22.16	22.50	1.081	0.128	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.63	-0.1	22.16	22.50	1.081	0.681	22.3	1.6
Left side	100M_QPSK 135RB_0	633334/3500	1:1	0.004	-0.13	22.16	22.50	1.081	0.004	22.3	1.6
Right side	100M_QPSK 135RB_0	633334/3500	1:1	0.611	0.09	22.16	22.50	1.081	0.661	22.3	1.6
Top side	100M_QPSK 135RB_0	633334/3500	1:1	0.01	-0.09	22.16	22.50	1.081	0.011	22.3	1.6
Bottom side	100M_QPSK 135RB_0	633334/3500	1:1	0.14	-0.08	22.16	22.50	1.081	0.151	22.3	1.6
Back side	100M_QPSK 270RB_0	633334/3500	1:1	0.544	0.14	21.82	22.50	1.169	0.636	22.3	1.6
Right side	100M_QPSK 270RB_0	633334/3500	1:1	0.554	-0.13	21.82	22.50	1.169	0.648	22.3	1.6
NR Band 77 (3700~3980) Ant2 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.016	-0.16	21.86	22.50	1.159	0.019	22.3	1.6
Left tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.012	-0.1	21.86	22.50	1.159	0.014	22.3	1.6
Right cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.031	-0.08	21.86	22.50	1.159	0.036	22.3	1.6
Right tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.013	0.12	21.86	22.50	1.159	0.015	22.3	1.6
Left cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.016	0.17	21.51	22.50	1.256	0.020	22.3	1.6
Left tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.010	-0.09	21.51	22.50	1.256	0.013	22.3	1.6
Right cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.031	-0.09	21.51	22.50	1.256	0.039	22.3	1.6
Right tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.010	-0.06	21.51	22.50	1.256	0.013	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.137	-0.14	21.86	22.50	1.159	0.159	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.482	-0.08	21.86	22.50	1.159	0.559	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.122	0.03	21.51	22.50	1.256	0.153	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.395	-0.03	21.51	22.50	1.256	0.496	22.3	1.6
Hotspot Test data(Separate 10mm)											

Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.208	0.19	21.86	22.50	1.159	0.241	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.672	-0.11	21.86	22.50	1.159	**0.779**	22.3	1.6
Left side	100M_QPSK 1RB_1	656000/3840	1:1	0.007	-0.13	21.86	22.50	1.159	0.008	22.3	1.6
Right side	100M_QPSK 1RB_1	656000/3840	1:1	0.537	-0.09	21.86	22.50	1.159	0.622	22.3	1.6
Top side	100M_QPSK 1RB_1	656000/3840	1:1	0.014	-0.15	21.86	22.50	1.159	0.016	22.3	1.6
Bottom side	100M_QPSK 1RB_1	656000/3840	1:1	0.161	0.17	21.86	22.50	1.159	0.187	22.3	1.6
Back side-repeat	100M_QPSK 1RB_1	656000/3840	1:1	0.663	0.12	21.86	22.50	1.159	0.768	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.187	-0.17	21.51	22.50	1.256	0.235	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.576	-0.02	21.51	22.50	1.256	0.723	22.3	1.6
Left side	100M_QPSK 135RB_0	656000/3840	1:1	0.004	-0.12	21.51	22.50	1.256	0.005	22.3	1.6
Right side	100M_QPSK 135RB_0	656000/3840	1:1	0.457	0.02	21.51	22.50	1.256	0.574	22.3	1.6
Top side	100M_QPSK 135RB_0	656000/3840	1:1	0.006	0.18	21.51	22.50	1.256	0.008	22.3	1.6
Bottom side	100M_QPSK 135RB_0	656000/3840	1:1	0.147	0.02	21.51	22.50	1.256	0.185	22.3	1.6
Back side	100M_QPSK 270RB_0	656000/3840	1:1	0.605	-0.03	21.43	22.50	1.279	0.774	22.3	1.6
NR Band 77 (3450~3550) Ant3 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.527	-0.06	25.58	26.00	1.102	0.581	22.3	1.6
Left tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.220	0.1	25.58	26.00	1.102	0.242	22.3	1.6
Right cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.580	0.02	25.58	26.00	1.102	0.639	22.3	1.6
Right tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.364	0.08	25.58	26.00	1.102	0.401	22.3	1.6
Left cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.354	-0.12	25.34	26.00	1.164	0.412	22.3	1.6
Left tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.191	0.16	25.34	26.00	1.164	0.222	22.3	1.6
Right cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.527	0.03	25.34	26.00	1.164	0.613	22.3	1.6
Right tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.333	0.03	25.34	26.00	1.164	0.388	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.046	-0.01	25.58	26.00	1.102	0.051	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.220	0.15	25.58	26.00	1.102	0.242	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.045	0.06	25.34	26.00	1.164	0.052	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.212	-0.01	25.34	26.00	1.164	0.247	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.117	-0.01	25.58	26.00	1.102	0.129	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.590	-0.08	25.58	26.00	1.102	0.650	22.3	1.6
Left side	100M_QPSK 1RB_1	633334/3500	1:1	0.657	0.04	25.58	26.00	1.102	0.724	22.3	1.6
Right side	100M_QPSK 1RB_1	633334/3500	1:1	0.009	-0.11	25.58	26.00	1.102	0.010	22.3	1.6
Top side	100M_QPSK 1RB_1	633334/3500	1:1	0.009	-0.11	25.58	26.00	1.102	0.010	22.3	1.6
Bottom side	100M_QPSK 1RB_1	633334/3500	1:1	0.013	0.11	25.58	26.00	1.102	0.014	22.3	1.6

Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.096	0.13	25.34	26.00	1.164	0.112	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.555	0.17	25.34	26.00	1.164	0.646	22.3	1.6
Left side	100M_QPSK 135RB_0	633334/3500	1:1	0.600	-0.16	25.34	26.00	1.164	0.698	22.3	1.6
Right side	100M_QPSK 135RB_0	633334/3500	1:1	0.007	0.11	25.34	26.00	1.164	0.008	22.3	1.6
Top side	100M_QPSK 135RB_0	633334/3500	1:1	0.008	0.08	25.34	26.00	1.164	0.009	22.3	1.6
Bottom side	100M_QPSK 135RB_0	633334/3500	1:1	0.005	-0.1	25.34	26.00	1.164	0.006	22.3	1.6
Back side	100M_QPSK 270RB_0	633334/3500	1:1	0.521	0.02	25.23	26.00	1.194	0.622	22.3	1.6
Left side	100M_QPSK 270RB_0	633334/3500	1:1	0.545	-0.08	25.23	26.00	1.194	0.651	22.3	1.6
NR Band 77 (3700~3980) Ant3 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.099	0.14	25.19	26.00	1.205	0.119	22.3	1.6
Left tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.034	-0.04	25.19	26.00	1.205	0.041	22.3	1.6
Right cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.144	0.09	25.19	26.00	1.205	0.174	22.3	1.6
Right tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.055	-0.14	25.19	26.00	1.205	0.066	22.3	1.6
Left cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.095	-0.04	25.13	26.00	1.222	0.116	22.3	1.6
Left tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.023	-0.16	25.13	26.00	1.222	0.028	22.3	1.6
Right cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.104	-0.1	25.13	26.00	1.222	0.127	22.3	1.6
Right tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.037	0.17	25.13	26.00	1.222	0.045	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.077	0.08	25.19	26.00	1.205	0.093	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.449	-0.06	25.19	26.00	1.205	0.541	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.052	0.01	25.13	26.00	1.222	0.064	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.434	-0.11	25.13	26.00	1.222	0.530	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.107	0.13	25.19	26.00	1.205	0.129	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.591	-0.12	25.19	26.00	1.205	0.712	22.3	1.6
Left side	100M_QPSK 1RB_1	656000/3840	1:1	0.618	0.06	25.19	26.00	1.205	0.745	22.3	1.6
Right side	100M_QPSK 1RB_1	656000/3840	1:1	0.008	-0.18	25.19	26.00	1.205	0.010	22.3	1.6
Top side	100M_QPSK 1RB_1	656000/3840	1:1	0.009	0.03	25.19	26.00	1.205	0.011	22.3	1.6
Bottom side	100M_QPSK 1RB_1	656000/3840	1:1	0.014	-0.09	25.19	26.00	1.205	0.017	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.062	-0.12	25.13	26.00	1.222	0.076	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.546	-0.13	25.13	26.00	1.222	0.667	22.3	1.6
Left side	100M_QPSK 135RB_0	656000/3840	1:1	0.601	0.17	25.13	26.00	1.222	0.734	22.3	1.6
Right side	100M_QPSK 135RB_0	656000/3840	1:1	0.004	-0.05	25.13	26.00	1.222	0.005	22.3	1.6
Top side	100M_QPSK 135RB_0	656000/3840	1:1	0.007	0.17	25.13	26.00	1.222	0.009	22.3	1.6
Bottom side	100M_QPSK 135RB_0	656000/3840	1:1	0.010	-0.12	25.13	26.00	1.222	0.012	22.3	1.6

Back side	100M_QPSK 270RB_0	656000/3840	1:1	0.556	-0.09	25.09	26.00	1.233	0.686	22.3	1.6
Left side	100M_QPSK 270RB_0	656000/3840	1:1	0.285	-0.16	25.09	26.00	1.233	0.351	22.3	1.6
NR Band 77 (3450~3550) Ant4 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.578	-0.03	25.63	26.00	1.089	0.629	22.3	1.6
Left tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.593	-0.15	25.63	26.00	1.089	0.646	22.3	1.6
Right cheek	100M_QPSK 1RB_1	633334/3500	1:1	0.813	-0.01	25.63	26.00	1.089	**0.885**	22.3	1.6
Right tilted	100M_QPSK 1RB_1	633334/3500	1:1	0.724	0.03	25.63	26.00	1.089	0.788	22.3	1.6
Right cheek-repeat	100M_QPSK 1RB_1	633334/3500	1:1	0.806	0.12	25.63	26.00	1.089	0.878	22.3	1.6
Left cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.416	0.14	25.41	26.00	1.146	0.477	22.3	1.6
Left tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.418	-0.17	25.41	26.00	1.146	0.479	22.3	1.6
Right cheek	100M_QPSK 135RB_0	633334/3500	1:1	0.623	0.18	25.41	26.00	1.146	0.714	22.3	1.6
Right tilted	100M_QPSK 135RB_0	633334/3500	1:1	0.568	-0.06	25.41	26.00	1.146	0.651	22.3	1.6
Left cheek	100M_QPSK 270RB_0	633334/3500	1:1	0.362	-0.04	25.32	26.00	1.169	0.423	22.3	1.6
Left tilted	100M_QPSK 270RB_0	633334/3500	1:1	0.371	-0.06	25.32	26.00	1.169	0.434	22.3	1.6
Right cheek	100M_QPSK 270RB_0	633334/3500	1:1	0.593	0.04	25.32	26.00	1.169	0.694	22.3	1.6
Right tilted	100M_QPSK 270RB_0	633334/3500	1:1	0.532	0.04	25.32	26.00	1.169	0.622	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.129	-0.14	24.69	25.00	1.074	0.139	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.598	-0.01	24.69	25.00	1.074	0.642	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.090	-0.13	24.42	25.00	1.143	0.103	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.491	0.06	24.42	25.00	1.143	0.561	22.3	1.6
Body worn Distance SAR Test data											
Back side 20mm	20M_QPSK 1RB_1	633334/3500	1:1	0.533	0.01	25.63	26.00	1.089	0.580	22.3	1.6
Hotspot Test data(Separate 10mm)											
Front side	100M_QPSK 1RB_1	633334/3500	1:1	0.134	0.19	22.22	22.50	1.067	0.143	22.3	1.6
Back side	100M_QPSK 1RB_1	633334/3500	1:1	0.781	-0.01	22.22	22.50	1.067	0.833	22.3	1.6
Left side	100M_QPSK 1RB_1	633334/3500	1:1	0.133	-0.1	22.22	22.50	1.067	0.142	22.3	1.6
Right side	100M_QPSK 1RB_1	633334/3500	1:1	0.008	-0.13	22.22	22.50	1.067	0.009	22.3	1.6
Top side	100M_QPSK 1RB_1	633334/3500	1:1	0.752	-0.08	22.22	22.50	1.067	0.802	22.3	1.6
Bottom side	100M_QPSK 1RB_1	633334/3500	1:1	0.008	0.02	22.22	22.50	1.067	0.009	22.3	1.6
Back side-repeat	100M_QPSK 1RB_1	633334/3500	1:1	0.776	0.02	22.22	22.50	1.067	0.828	22.3	1.6
Front side	100M_QPSK 135RB_0	633334/3500	1:1	0.100	0.06	22.01	22.50	1.119	0.112	22.3	1.6
Back side	100M_QPSK 135RB_0	633334/3500	1:1	0.576	-0.16	22.01	22.50	1.119	0.645	22.3	1.6
Left side	100M_QPSK 135RB_0	633334/3500	1:1	0.099	0.12	22.01	22.50	1.119	0.111	22.3	1.6
Right side	100M_QPSK 135RB_0	633334/3500	1:1	0.006	-0.13	22.01	22.50	1.119	0.007	22.3	1.6

Top side	100M_QPSK 135RB_0	633334/3500	1:1	0.523	0.04	22.01	22.50	1.119	0.585	22.3	1.6
Bottom side	100M_QPSK 135RB_0	633334/3500	1:1	0.005	-0.09	22.01	22.50	1.119	0.006	22.3	1.6
Back side	100M_QPSK 270RB_0	633334/3500	1:1	0.568	-0.15	21.72	22.50	1.197	0.680	22.3	1.6
Top side	100M_QPSK 270RB_0	633334/3500	1:1	0.528	-0.12	21.72	22.50	1.197	0.632	22.3	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 10-g**
Extremity Test data(Separate 0mm)											
Back side	100M_QPSK 1RB_1	633334/3500	1:1	2.43	-0.19	25.63	26.00	1.089	**2.646**	22.3	4.0
Back side-repeat	100M_QPSK 1RB_1	633334/3500	1:1	2.34	0.08	25.63	26.00	1.089	2.548	22.3	4.0
Back side	100M_QPSK 135RB_0	633334/3500	1:1	2.22	0.01	25.41	26.00	1.146	2.543	22.3	4.0
Back side	100M_QPSK 270RB_0	633334/3500	1:1	2.04	0.01	25.32	26.00	1.169	2.386	22.3	4.0
NR Band 77 (3700~3980) Ant4 SAR Test Record											
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data											
Left cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.343	0.13	25.27	26.00	1.183	0.406	22.3	1.6
Left tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.314	-0.03	25.27	26.00	1.183	0.371	22.3	1.6
Right cheek	100M_QPSK 1RB_1	656000/3840	1:1	0.685	-0.09	25.27	26.00	1.183	0.810	22.3	1.6
Right tilted	100M_QPSK 1RB_1	656000/3840	1:1	0.575	0.18	25.27	26.00	1.183	0.680	22.3	1.6
Left cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.293	0.11	24.94	26.00	1.276	0.374	22.3	1.6
Left tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.284	-0.01	24.94	26.00	1.276	0.363	22.3	1.6
Right cheek	100M_QPSK 135RB_0	656000/3840	1:1	0.596	0.11	24.94	26.00	1.276	0.761	22.3	1.6
Right tilted	100M_QPSK 135RB_0	656000/3840	1:1	0.531	0.02	24.94	26.00	1.276	0.678	22.3	1.6
Left cheek	100M_QPSK 270RB_0	656000/3840	1:1	0.247	0.15	24.42	26.00	1.439	0.355	22.3	1.6
Left tilted	100M_QPSK 270RB_0	656000/3840	1:1	0.226	0.05	24.42	26.00	1.439	0.325	22.3	1.6
Right cheek	100M_QPSK 270RB_0	656000/3840	1:1	0.553	-0.01	24.42	26.00	1.439	0.796	22.3	1.6
Right tilted	100M_QPSK 270RB_0	656000/3840	1:1	0.415	0.09	24.42	26.00	1.439	0.597	22.3	1.6
Body worn Test data(Separate 15mm)											
Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.104	0.08	24.29	25.00	1.178	0.122	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.807	-0.01	24.29	25.00	1.178	**0.950**	22.3	1.6
Back side-repeat	100M_QPSK 1RB_1	656000/3840	1:1	0.789	0.06	24.29	25.00	1.178	0.929	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.092	-0.15	24.00	25.00	1.259	0.116	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.726	-0.16	24.00	25.00	1.259	0.914	22.3	1.6
Back side	100M_QPSK 270RB_0	656000/3840	1:1	0.614	-0.07	23.38	25.00	1.452	0.892	22.3	1.6
Body worn Distance SAR Test data											
Back side 20mm	20M_QPSK 1RB_1	656000/3840	1:1	0.675	0.02	25.27	26.00	1.183	0.799	22.3	1.6
Hotspot Test data(Separate 10mm)											

Front side	100M_QPSK 1RB_1	656000/3840	1:1	0.073	-0.09	22.05	22.50	1.109	0.081	22.3	1.6
Back side	100M_QPSK 1RB_1	656000/3840	1:1	0.686	0.02	22.05	22.50	1.109	0.761	22.3	1.6
Left side	100M_QPSK 1RB_1	656000/3840	1:1	0.114	-0.02	22.05	22.50	1.109	0.126	22.3	1.6
Right side	100M_QPSK 1RB_1	656000/3840	1:1	0.006	-0.16	22.05	22.50	1.109	0.007	22.3	1.6
Top side	100M_QPSK 1RB_1	656000/3840	1:1	0.640	-0.18	22.05	22.50	1.109	0.710	22.3	1.6
Bottom side	100M_QPSK 1RB_1	656000/3840	1:1	0.005	0.17	22.05	22.50	1.109	0.006	22.3	1.6
Front side	100M_QPSK 135RB_0	656000/3840	1:1	0.066	-0.06	21.72	22.50	1.197	0.079	22.3	1.6
Back side	100M_QPSK 135RB_0	656000/3840	1:1	0.708	-0.1	21.72	22.50	1.197	0.847	22.3	1.6
Left side	100M_QPSK 135RB_0	656000/3840	1:1	0.122	0.09	21.72	22.50	1.197	0.146	22.3	1.6
Right side	100M_QPSK 135RB_0	656000/3840	1:1	0.005	-0.07	21.72	22.50	1.197	0.006	22.3	1.6
Top side	100M_QPSK 135RB_0	656000/3840	1:1	0.646	0.16	21.72	22.50	1.197	0.773	22.3	1.6
Bottom side	100M_QPSK 135RB_0	656000/3840	1:1	0.003	-0.06	21.72	22.50	1.197	0.004	22.3	1.6
Back side-repeat	100M_QPSK 135RB_0	656000/3840	1:1	0.702	0.01	21.72	22.50	1.197	0.840	22.3	1.6
Back side	100M_QPSK 270RB_0	656000/3840	1:1	0.646	-0.09	21.45	22.50	1.274	0.823	22.3	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 10-g**	**Power Drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 10-g**
Extremity Test data(Separate 0mm)											
Back side	100M_QPSK 1RB_1	656000/3840	1:1	2.19	-0.16	25.27	26.00	1.183	2.591	22.3	4.0
Back side-repeat	100M_QPSK 1RB_1	656000/3840	1:1	2.03	0.12	25.27	26.00	1.183	2.402	22.3	4.0
Back side	100M_QPSK 135RB_0	656000/3840	1:1	1.64	0.1	24.94	26.00	1.276	2.093	22.3	4.0
Back side	100M_QPSK 270RB_0	656000/3840	1:1	1.46	0.1	24.42	26.00	1.439	2.101	22.3	4.0

8.2.29 SAR Result Of 2.4GHz Wi-Fi

Wi-Fi 2.4G SAR Ant6 Test Record												
Test position	Test mode	Test Ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg)1-g	Power drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data												
Left cheek	802.11b	1/2412	98.67%	1.013	0.118	-0.03	18.37	19.00	1.156	0.138	22.2	1.6
Left tilted	802.11b	1/2412	98.67%	1.013	0.052	0.11	18.37	19.00	1.156	0.061	22.2	1.6
Right cheek	802.11b	1/2412	98.67%	1.013	0.230	0.01	18.37	19.00	1.156	**0.269**	22.2	1.6
Right tilted	802.11b	1/2412	98.67%	1.013	0.115	0.12	18.37	19.00	1.156	0.135	22.2	1.6
Body worn Test data(Separate 15mm)												
Front side	802.11b	1/2412	98.67%	1.013	0.005	-0.17	18.37	19.00	1.156	0.006	22.2	1.6
Back side	802.11b	1/2412	98.67%	1.013	0.107	-0.14	18.37	19.00	1.156	**0.125**	22.2	1.6
Hotspot Test data (Separate 10mm)												
Front side	802.11b	1/2412	98.67%	1.013	0.080	-0.15	18.37	19.00	1.156	0.094	22.2	1.6
Back side	802.11b	1/2412	98.67%	1.013	0.175	0.08	18.37	19.00	1.156	**0.205**	22.2	1.6
Left side	802.11b	1/2412	98.67%	1.013	0.012	0.12	18.37	19.00	1.156	0.014	22.2	1.6
Right side	802.11b	1/2412	98.67%	1.013	0.036	-0.05	18.37	19.00	1.156	0.042	22.2	1.6
Top side	802.11b	1/2412	98.67%	1.013	0.107	0.13	18.37	19.00	1.156	0.125	22.2	1.6
Bottom side	802.11b	1/2412	98.67%	1.013	0.003	-0.08	18.37	19.00	1.156	0.004	22.2	1.6
Wi-Fi 2.4G SAR Ant7 Test Record												
Test position	Test mode	Test Ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg)1-g	Power drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data												
Left cheek	802.11b	1/2412	98.67%	1.013	0.039	0.11	16.86	17.00	1.033	0.041	22.2	1.6
Left tilted	802.11b	1/2412	98.67%	1.013	0.008	0.06	16.86	17.00	1.033	0.008	22.2	1.6
Right cheek	802.11b	1/2412	98.67%	1.013	0.154	0.17	16.86	17.00	1.033	0.161	22.2	1.6
Right tilted	802.11b	1/2412	98.67%	1.013	0.015	-0.06	16.86	17.00	1.033	0.016	22.2	1.6
Body worn Test data(Separate 15mm)												
Front side	802.11b	1/2412	98.67%	1.013	0.005	0.09	16.86	17.00	1.033	0.005	22.2	1.6
Back side	802.11b	1/2412	98.67%	1.013	0.021	-0.12	16.86	17.00	1.033	0.022	22.2	1.6
Hotspot Test data (Separate 10mm)												
Front side	802.11b	1/2412	98.67%	1.013	0.003	-0.06	16.86	17.00	1.033	0.003	22.2	1.6
Back side	802.11b	1/2412	98.67%	1.013	0.046	0.18	16.86	17.00	1.033	0.048	22.2	1.6
Left side	802.11b	1/2412	98.67%	1.013	0.012	0.05	16.86	17.00	1.033	0.013	22.2	1.6
Right side	802.11b	1/2412	98.67%	1.013	0.010	-0.17	16.86	17.00	1.033	0.010	22.2	1.6
Top side	802.11b	1/2412	98.67%	1.013	0.041	0.04	16.86	17.00	1.033	0.043	22.2	1.6
Bottom side	802.11b	1/2412	98.67%	1.013	0.004	-0.03	16.86	17.00	1.033	0.004	22.2	1.6

8.2.30 SAR Result Of Bluetooth

Bluetooth SAR Ant6 Test Record												
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg)1-g**	**Power drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data												
Left cheek	DH5	39/2441	77.17%	1.296	0.014	-0.16	8.67	9.00	1.079	0.020	22.2	1.6
Left tilted	DH5	39/2441	77.17%	1.296	0.007	0.07	8.67	9.00	1.079	0.010	22.2	1.6
Right cheek	DH5	39/2441	77.17%	1.296	0.034	0.03	8.67	9.00	1.079	**0.048**	22.2	1.6
Right tilted	DH5	39/2441	77.17%	1.296	0.014	-0.06	8.67	9.00	1.079	0.020	22.2	1.6
Body worn Test data(Separate 15mm)												
Front side	DH5	39/2441	77.17%	1.296	0.001	-0.17	8.67	9.00	1.079	0.001	22.2	1.6
Back side	DH5	39/2441	77.17%	1.296	0.020	-0.09	8.67	9.00	1.079	**0.028**	22.2	1.6
Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	77.17%	1.296	0.002	-0.02	8.67	9.00	1.079	0.003	22.2	1.6
Back side	DH5	39/2441	77.17%	1.296	0.032	-0.17	8.67	9.00	1.079	**0.045**	22.2	1.6
Left side	DH5	39/2441	77.17%	1.296	0.002	-0.01	8.67	9.00	1.079	0.003	22.2	1.6
Right side	DH5	39/2441	77.17%	1.296	0.008	-0.13	8.67	9.00	1.079	0.011	22.2	1.6
Top side	DH5	39/2441	77.17%	1.296	0.006	-0.11	8.67	9.00	1.079	0.008	22.2	1.6
Bottom side	DH5	39/2441	77.17%	1.296	0.001	0.10	8.67	9.00	1.079	0.001	22.2	1.6
Bluetooth SAR Ant7 Test Record												
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg)1-g**	**Power drift(dB)**	**Conducted power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data												
Left cheek	DH5	39/2441	77.17%	1.296	0.013	-0.07	8.31	9.00	1.172	0.020	22.2	1.6
Left tilted	DH5	39/2441	77.17%	1.296	0.006	0.02	8.31	9.00	1.172	0.009	22.2	1.6
Right cheek	DH5	39/2441	77.17%	1.296	0.025	-0.08	8.31	9.00	1.172	0.038	22.2	1.6
Right tilted	DH5	39/2441	77.17%	1.296	0.013	-0.02	8.31	9.00	1.172	0.020	22.2	1.6
Body worn Test data(Separate 15mm)												
Front side	DH5	39/2441	77.17%	1.296	0.004	0.04	8.31	9.00	1.172	0.006	22.2	1.6
Back side	DH5	39/2441	77.17%	1.296	0.016	0.03	8.31	9.00	1.172	0.024	22.2	1.6
Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	77.17%	1.296	0.006	-0.14	8.31	9.00	1.172	0.009	22.2	1.6
Back side	DH5	39/2441	77.17%	1.296	0.027	-0.06	8.31	9.00	1.172	0.041	22.2	1.6
Left side	DH5	39/2441	77.17%	1.296	0.004	0.05	8.31	9.00	1.172	0.006	22.2	1.6
Right side	DH5	39/2441	77.17%	1.296	0.012	0.10	8.31	9.00	1.172	0.018	22.2	1.6
Top side	DH5	39/2441	77.17%	1.296	0.005	0.06	8.31	9.00	1.172	0.008	22.2	1.6
Bottom side	DH5	39/2441	77.17%	1.296	0.002	0.10	8.31	9.00	1.172	0.003	22.2	1.6

8.2.31 SAR Result Of WIFI 5G

Wi-Fi 5G SAR Ant6 Test Record												
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle %**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**Power drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 1-g**	**Liquid Temp.**	**SAR limit (W/kg) 1-g**
Head Test data U-NII-2A												
Left cheek	802.11a	60/5300	99.29%	1.007	0.015	-0.06	17.34	18.00	1.164	**0.018**	22.2	1.6
Left tilted	802.11a	60/5300	99.29%	1.007	0.012	0.09	17.34	18.00	1.164	0.014	22.2	1.6
Right cheek	802.11a	60/5300	99.29%	1.007	0.008	0.16	17.34	18.00	1.164	0.009	22.2	1.6
Right tilted	802.11a	60/5300	99.29%	1.007	0.012	0.05	17.34	18.00	1.164	0.014	22.2	1.6
Head Test data U-NII-2C												
Left cheek	802.11a	116/5580	99.20%	1.008	0.012	0.17	16.94	18.00	1.276	0.015	22.2	1.6
Left tilted	802.11a	116/5580	99.20%	1.008	0.011	0.11	16.94	18.00	1.276	0.014	22.2	1.6
Right cheek	802.11a	116/5580	99.20%	1.008	0.011	-0.07	16.94	18.00	1.276	0.014	22.2	1.6
Right tilted	802.11a	116/5580	99.20%	1.008	0.013	0.07	16.94	18.00	1.276	0.017	22.2	1.6
Head Test data U-NII-3												
Left cheek	802.11a	157/5785	99.20%	1.008	0.013	0.03	17.81	18.00	1.045	0.014	22.2	1.6
Left tilted	802.11a	157/5785	99.20%	1.008	0.009	0.07	17.81	18.00	1.045	0.009	22.2	1.6
Right cheek	802.11a	157/5785	99.20%	1.008	0.008	0.1	17.81	18.00	1.045	0.008	22.2	1.6
Right tilted	802.11a	157/5785	99.20%	1.008	0.009	-0.13	17.81	18.00	1.045	0.009	22.2	1.6
Body worn Test data U-NII-2A(Separate 15mm)												
Front side	802.11a	60/5300	99.29%	1.007	0.018	-0.03	17.34	18.00	1.164	0.021	22.2	1.6
Back side	802.11a	60/5300	99.29%	1.007	0.176	-0.04	17.34	18.00	1.164	**0.206**	22.2	1.6
Body worn Test data U-NII-2C(Separate 15mm)												
Front side	802.11a	116/5580	99.20%	1.008	0.015	-0.12	16.94	18.00	1.276	0.019	22.2	1.6
Back side	802.11a	116/5580	99.20%	1.008	0.147	-0.03	16.94	18.00	1.276	0.189	22.2	1.6
Body worn Test data U-NII-3(Separate 15mm)												
Front side	802.11a	157/5785	99.20%	1.008	0.012	0.05	17.81	18.00	1.045	0.013	22.2	1.6
Back side	802.11a	157/5785	99.20%	1.008	0.126	-0.10	17.81	18.00	1.045	0.133	22.2	1.6
Hotspot Test data U-NII-1(Separate 10mm)												
Front side	802.11a	40/5200	99.20%	1.008	0.033	0.10	17.15	18.00	1.216	0.040	22.2	1.6
Back side	802.11a	40/5200	99.20%	1.008	0.328	-0.04	17.15	18.00	1.216	**0.402**	22.2	1.6
Left side	802.11a	40/5200	99.20%	1.008	0.008	-0.14	17.15	18.00	1.216	0.010	22.2	1.6
Right side	802.11a	40/5200	99.20%	1.008	0.036	0.14	17.15	18.00	1.216	0.044	22.2	1.6
Top side	802.11a	40/5200	99.20%	1.008	0.032	0.10	17.15	18.00	1.216	0.039	22.2	1.6
Bottom side	802.11a	40/5200	99.20%	1.008	0.005	-0.04	17.15	18.00	1.216	0.006	22.2	1.6
Hotspot Test data U-NII-3(Separate 10mm)												
Front side	802.11a	157/5785	99.20%	1.008	0.021	-0.12	17.81	18.00	1.045	0.022	22.2	1.6
Back side	802.11a	157/5785	99.20%	1.008	0.204	-0.04	17.81	18.00	1.045	0.215	22.2	1.6
Left side	802.11a	157/5785	99.20%	1.008	0.010	0.02	17.81	18.00	1.045	0.011	22.2	1.6
Right side	802.11a	157/5785	99.20%	1.008	0.029	0.08	17.81	18.00	1.045	0.031	22.2	1.6
Top side	802.11a	157/5785	99.20%	1.008	0.026	-0.07	17.81	18.00	1.045	0.027	22.2	1.6
Bottom side	802.11a	157/5785	99.20%	1.008	0.007	0.05	17.81	18.00	1.045	0.007	22.2	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle %**	**Duty Cycle Scaled factor**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 10-g**

Hotspot Test data U-NII-2A(Separate 0mm)												
Front side	802.11a	60/5300	99.29%	1.007	0.049	-0.07	17.34	18.00	1.164	0.057	22.2	4.0
Back side	802.11a	60/5300	99.29%	1.007	0.469	0.02	17.34	18.00	1.164	**0.550**	22.2	4.0
Left side	802.11a	60/5300	99.29%	1.007	0.013	0.12	17.34	18.00	1.164	0.015	22.2	4.0
Right side	802.11a	60/5300	99.29%	1.007	0.053	-0.08	17.34	18.00	1.164	0.062	22.2	4.0
Top side	802.11a	60/5300	99.29%	1.007	0.048	-0.08	17.34	18.00	1.164	0.056	22.2	4.0
Bottom side	802.11a	60/5300	99.29%	1.007	0.009	0.14	17.34	18.00	1.164	0.011	22.2	4.0
Hotspot Test data U-NII-2C(Separate 0mm)												
Front side	802.11a	116/5580	99.20%	1.008	0.036	0.13	16.94	18.00	1.276	0.046	22.2	4.0
Back side	802.11a	116/5580	99.20%	1.008	0.332	0.01	16.94	18.00	1.276	0.427	22.2	4.0
Left side	802.11a	116/5580	99.20%	1.008	0.009	0.09	16.94	18.00	1.276	0.012	22.2	4.0
Right side	802.11a	116/5580	99.20%	1.008	0.041	-0.02	16.94	18.00	1.276	0.053	22.2	4.0
Top side	802.11a	116/5580	99.20%	1.008	0.036	-0.06	16.94	18.00	1.276	0.046	22.2	4.0
Bottom side	802.11a	116/5580	99.20%	1.008	0.007	0.11	16.94	18.00	1.276	0.009	22.2	4.0

Wi-Fi 5G SAR Ant7 Test Record

Test position	Test mode	Test Ch./Freq.	Duty Cycle %	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR (W/kg) 1-g	Liquid Temp.	SAR limit (W/kg) 1-g
Head Test data U-NII-2A												
Left cheek	802.11a	60/5300	99.29%	1.007	0.011	-0.17	15.72	17.00	1.343	0.015	22.2	1.6
Left tilted	802.11a	60/5300	99.29%	1.007	0.008	0.08	15.72	17.00	1.343	0.011	22.2	1.6
Right cheek	802.11a	60/5300	99.29%	1.007	0.006	0.05	15.72	17.00	1.343	0.008	22.2	1.6
Right tilted	802.11a	60/5300	99.29%	1.007	0.005	-0.06	15.72	17.00	1.343	0.007	22.2	1.6
Head Test data U-NII-2C												
Left cheek	802.11a	116/5580	99.20%	1.008	0.012	-0.15	16.27	17.00	1.183	0.014	22.2	1.6
Left tilted	802.11a	116/5580	99.20%	1.008	0.008	-0.17	16.27	17.00	1.183	0.010	22.2	1.6
Right cheek	802.11a	116/5580	99.20%	1.008	0.006	-0.06	16.27	17.00	1.183	0.007	22.2	1.6
Right tilted	802.11a	116/5580	99.20%	1.008	0.005	-0.02	16.27	17.00	1.183	0.006	22.2	1.6
Head Test data U-NII-3												
Left cheek	802.11a	157/5785	99.20%	1.008	0.011	0.01	15.36	17.00	1.459	0.016	22.2	1.6
Left tilted	802.11a	157/5785	99.20%	1.008	0.008	0.11	15.36	17.00	1.459	0.012	22.2	1.6
Right cheek	802.11a	157/5785	99.20%	1.008	0.004	-0.12	15.36	17.00	1.459	0.006	22.2	1.6
Right tilted	802.11a	157/5785	99.20%	1.008	0.003	0.19	15.36	17.00	1.459	0.004	22.2	1.6
Body worn Test data U-NII-2A (Separate 15mm)												
Front side	802.11a	60/5300	99.29%	1.007	0.012	0.04	15.72	17.00	1.343	0.016	22.2	1.6
Back side	802.11a	60/5300	99.29%	1.007	0.145	0.01	15.72	17.00	1.343	0.196	22.2	1.6
Body worn Test data U-NII-2C (Separate 15mm)												
Front side	802.11a	116/5580	99.20%	1.008	0.010	0.19	16.27	17.00	1.183	0.012	22.2	1.6
Back side	802.11a	116/5580	99.20%	1.008	0.136	-0.08	16.27	17.00	1.183	0.162	22.2	1.6
Body worn Test data U-NII-3 (Separate 15mm)												
Front side	802.11a	157/5785	99.20%	1.008	0.009	0.19	15.36	17.00	1.459	0.013	22.2	1.6
Back side	802.11a	157/5785	99.20%	1.008	0.122	-0.08	15.36	17.00	1.459	0.179	22.2	1.6
Hotspot Test data U-NII-1(Separate 10mm)												
Front side	802.11a	40/5200	99.20%	1.008	0.016	-0.09	16.19	17.00	1.205	0.019	22.2	1.6
Back side	802.11a	40/5200	99.20%	1.008	0.100	-0.18	16.19	17.00	1.205	0.121	22.2	1.6
Left side	802.11a	40/5200	99.20%	1.008	0.032	-0.16	16.19	17.00	1.205	0.039	22.2	1.6
Right side	802.11a	40/5200	99.20%	1.008	0.005	-0.15	16.19	17.00	1.205	0.006	22.2	1.6

Top side	802.11a	40/5200	99.20%	1.008	0.022	0.15	16.19	17.00	1.205	0.027	22.2	1.6
Bottom side	802.11a	40/5200	99.20%	1.008	0.003	-0.01	16.19	17.00	1.205	0.004	22.2	1.6
Hotspot Test data U-NII-3(Separate 10mm)												
Front side	802.11a	157/5785	99.20%	1.008	0.021	0.03	15.36	17.00	1.459	0.031	22.2	1.6
Back side	802.11a	157/5785	99.20%	1.008	0.227	0.13	15.36	17.00	1.459	0.334	22.2	1.6
Left side	802.11a	157/5785	99.20%	1.008	0.056	-0.03	15.36	17.00	1.459	0.082	22.2	1.6
Right side	802.11a	157/5785	99.20%	1.008	0.007	0.07	15.36	17.00	1.459	0.010	22.2	1.6
Top side	802.11a	157/5785	99.20%	1.008	0.038	-0.03	15.36	17.00	1.459	0.056	22.2	1.6
Bottom side	802.11a	157/5785	99.20%	1.008	0.005	0.05	15.36	17.00	1.459	0.007	22.2	1.6
Test position	**Test mode**	**Test Ch./Freq.**	**Duty Cycle %**	**Duty Cycle Scaled factor**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted power (dBm)**	**Tune up Limit (dBm)**	**Scaled factor**	**Scaled SAR (W/kg) 10-g**	**Liquid Temp.**	**SAR limit (W/kg) 10-g**
Hotspot Test data U-NII-2A(Separate 0mm)												
Front side	802.11a	60/5300	99.29%	1.007	0.038	0.09	15.72	17.00	1.343	0.051	22.0	4.0
Back side	802.11a	60/5300	99.29%	1.007	0.438	0.07	15.72	17.00	1.343	0.592	22.0	4.0
Left side	802.11a	60/5300	99.29%	1.007	0.074	0.02	15.72	17.00	1.343	0.100	22.0	4.0
Right side	802.11a	60/5300	99.29%	1.007	0.004	0.13	15.72	17.00	1.343	0.005	22.0	4.0
Top side	802.11a	60/5300	99.29%	1.007	0.068	-0.06	15.72	17.00	1.343	0.092	22.0	4.0
Bottom side	802.11a	60/5300	99.29%	1.007	0.003	0.13	15.72	17.00	1.343	0.004	22.0	4.0
Hotspot Test data U-NII-2C(Separate 0mm)												
Front side	802.11a	116/5580	99.20%	1.008	0.028	0.06	16.27	17.00	1.183	0.033	22.0	4.0
Back side	802.11a	116/5580	99.20%	1.008	0.357	-0.02	16.27	17.00	1.183	0.426	22.0	4.0
Left side	802.11a	116/5580	99.20%	1.008	0.065	-0.12	16.27	17.00	1.183	0.078	22.0	4.0
Right side	802.11a	116/5580	99.20%	1.008	0.006	-0.19	16.27	17.00	1.183	0.007	22.0	4.0
Top side	802.11a	116/5580	99.20%	1.008	0.054	-0.14	16.27	17.00	1.183	0.064	22.0	4.0
Bottom side	802.11a	116/5580	99.20%	1.008	0.003	0.15	16.27	17.00	1.183	0.004	22.0	4.0

8.3 Multiple Transmitter Evaluation

8.3.1 Simultaneous SAR SAR test evaluation

Simultaneous Transmission

NO.	Simultaneous Transmission Configuration	Head	Body worn	Hotspot	Extremity
1	WWAN + WIFI 2.4GHz MIMO	Yes	Yes	Yes	Yes
2	WWAN + 5GHz MIMO	Yes	Yes	Yes	Yes
3	WWAN + BT MIMO	Yes	Yes	Yes	Yes
4	WWAN + 2.4GHz Ant6+BT Ant7	Yes	Yes	Yes	Yes
5	WWAN + 2.4GHz Ant7+BT Ant6	Yes	Yes	Yes	Yes
6	WWAN + 5GHz Ant6+BT Ant7	Yes	Yes	Yes	Yes
7	WWAN + 5GHz Ant7+BT Ant6	Yes	Yes	Yes	Yes
8	WWAN + 5GHz Ant6+BT Ant7	Yes	Yes	Yes	Yes
9	WWAN + 5GHz Ant7+BT Ant6	Yes	Yes	Yes	Yes
10	WWAN + WIFI 6E MIMO	Yes	Yes	Yes	Yes
11	WWAN + WIFI 6E Ant6 + BT Ant7	Yes	Yes	Yes	Yes
12	WWAN + WIFI 6E Ant7 + BT Ant6	Yes	Yes	Yes	Yes

Simultaneous Transmission SAR Summation Scenario for head

WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	②MAX. WLAN2.4G Ant6 SAR (W/kg)	③MAX. WLAN2.4G Ant7 SAR (W/kg)	④MAX. WLAN5G Ant6 SAR (W/kg)	⑤MAX. WLAN5G Ant7 SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③	Summed SAR ①+④+⑤	Summed SAR ①+⑥+⑦	Summed SAR ①+②+⑤	Summed SAR ①+③+④	Summed SAR ①+②+⑦	Summed SAR ①+③+⑥	Summed SAR ①+④+⑦	Summed SAR ①+⑤+⑥	Volume scan
GSM850 Ant0	Left Touch	0.122	0.138	0.041	0.018	0.016	0.020	0.020	0.301	0.156	0.162	0.276	0.181	0.280	0.183	0.160	0.158	NO
	Left Tilt	0.082	0.061	0.008	0.014	0.012	0.010	0.009	0.151	0.108	0.101	0.155	0.104	0.152	0.100	0.105	0.104	NO
	Right Touch	0.127	0.269	0.161	0.014	0.008	0.048	0.038	0.557	0.149	0.213	0.404	0.302	0.434	0.336	0.179	0.183	NO
	Right Tilt	0.076	0.135	0.016	0.017	0.007	0.020	0.020	0.227	0.100	0.116	0.218	0.109	0.231	0.112	0.113	0.103	NO
GSM1900 Ant0	Left Touch	0.131	0.138	0.041	0.018	0.016	0.020	0.020	0.310	0.165	0.171	0.285	0.190	0.289	0.192	0.169	0.167	NO
	Left Tilt	0.125	0.061	0.008	0.014	0.012	0.010	0.009	0.194	0.151	0.144	0.198	0.147	0.195	0.143	0.148	0.147	NO
	Right Touch	0.172	0.269	0.161	0.014	0.008	0.048	0.038	0.602	0.194	0.258	0.449	0.347	0.479	0.381	0.224	0.228	NO
	Right Tilt	0.110	0.135	0.016	0.017	0.007	0.020	0.020	0.261	0.134	0.150	0.252	0.143	0.265	0.146	0.147	0.137	NO
WCDMA Band II Ant0	Left Touch	0.162	0.138	0.041	0.018	0.016	0.020	0.020	0.341	0.196	0.202	0.316	0.221	0.320	0.223	0.200	0.198	NO
	Left Tilt	0.154	0.061	0.008	0.014	0.012	0.010	0.009	0.223	0.180	0.173	0.227	0.176	0.224	0.172	0.177	0.176	NO
	Right Touch	0.208	0.269	0.161	0.014	0.008	0.048	0.038	0.638	0.230	0.294	0.485	0.383	0.515	0.417	0.260	0.264	NO

	Right Tilt	0.133	0.135	0.016	0.017	0.007	0.020	0.020	0.284	0.157	0.173	0.275	0.166	0.288	0.169	0.170	0.160	NO
WCDMA Band IV Ant0	Left Touch	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.192	0.047	0.053	0.167	0.072	0.171	0.074	0.051	0.049	NO
	Left Tilt	0.010	0.061	0.008	0.014	0.012	0.010	0.009	0.079	0.036	0.029	0.083	0.032	0.080	0.028	0.033	0.032	NO
	Right Touch	0.061	0.269	0.161	0.014	0.008	0.048	0.038	0.491	0.083	0.147	0.338	0.236	0.368	0.270	0.113	0.117	NO
	Right Tilt	0.017	0.135	0.016	0.017	0.007	0.020	0.020	0.168	0.041	0.057	0.159	0.050	0.172	0.053	0.054	0.044	NO
WCDMA Band V Ant0	Left Touch	0.133	0.138	0.041	0.018	0.016	0.020	0.020	0.312	0.167	0.173	0.287	0.192	0.291	0.194	0.171	0.169	NO
	Left Tilt	0.078	0.061	0.008	0.014	0.012	0.010	0.009	0.147	0.104	0.097	0.151	0.100	0.148	0.096	0.101	0.100	NO
	Right Touch	0.130	0.269	0.161	0.014	0.008	0.048	0.038	0.560	0.152	0.216	0.407	0.305	0.437	0.339	0.182	0.186	NO
	Right Tilt	0.078	0.135	0.016	0.017	0.007	0.020	0.020	0.229	0.102	0.118	0.220	0.111	0.233	0.114	0.115	0.105	NO
LTE Band 2 Ant1	Left Touch	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.195	0.050	0.056	0.170	0.075	0.174	0.077	0.054	0.052	NO
	Left Tilt	0.012	0.061	0.008	0.014	0.012	0.010	0.009	0.081	0.038	0.031	0.085	0.034	0.082	0.030	0.035	0.034	NO
	Right Touch	0.028	0.269	0.161	0.014	0.008	0.048	0.038	0.458	0.050	0.114	0.305	0.203	0.335	0.237	0.080	0.084	NO
	Right Tilt	0.021	0.135	0.016	0.017	0.007	0.020	0.020	0.172	0.045	0.061	0.163	0.054	0.176	0.057	0.058	0.048	NO
LTE Band 2 Ant4	Left Touch	0.441	0.138	0.041	0.018	0.016	0.020	0.020	0.620	0.475	0.481	0.595	0.500	0.599	0.502	0.479	0.477	NO
	Left Tilt	0.439	0.061	0.008	0.014	0.012	0.010	0.009	0.508	0.465	0.458	0.512	0.461	0.509	0.457	0.462	0.461	NO
	Right Touch	0.760	0.269	0.161	0.014	0.008	0.048	0.038	1.190	0.782	0.846	1.037	0.935	1.067	0.969	0.812	0.816	NO
	Right Tilt	0.644	0.135	0.016	0.017	0.007	0.020	0.020	0.795	0.668	0.684	0.786	0.677	0.799	0.680	0.681	0.671	NO
LTE Band 5 Ant0	Left Touch	0.097	0.138	0.041	0.018	0.016	0.020	0.020	0.276	0.131	0.137	0.251	0.156	0.255	0.158	0.135	0.133	NO
	Left Tilt	0.059	0.061	0.008	0.014	0.012	0.010	0.009	0.128	0.085	0.078	0.132	0.081	0.129	0.077	0.082	0.081	NO
	Right Touch	0.101	0.269	0.161	0.014	0.008	0.048	0.038	0.531	0.123	0.187	0.378	0.276	0.408	0.310	0.153	0.157	NO
	Right Tilt	0.069	0.135	0.016	0.017	0.007	0.020	0.020	0.220	0.093	0.109	0.211	0.102	0.224	0.105	0.106	0.096	NO
LTE Band 7 Ant0	Left Touch	0.027	0.138	0.041	0.018	0.016	0.020	0.020	0.206	0.061	0.067	0.181	0.086	0.185	0.088	0.065	0.063	NO
	Left Tilt	0.014	0.061	0.008	0.014	0.012	0.010	0.009	0.083	0.040	0.033	0.087	0.036	0.084	0.032	0.037	0.036	NO
	Right Touch	0.024	0.269	0.161	0.014	0.008	0.048	0.038	0.454	0.046	0.110	0.301	0.199	0.331	0.233	0.076	0.080	NO
	Right Tilt	0.017	0.135	0.016	0.017	0.007	0.020	0.020	0.168	0.041	0.057	0.159	0.050	0.172	0.053	0.054	0.044	NO
LTE Band 12 Ant0	Left Touch	0.039	0.138	0.041	0.018	0.016	0.020	0.020	0.218	0.073	0.079	0.193	0.098	0.197	0.100	0.077	0.075	NO
	Left Tilt	0.022	0.061	0.008	0.014	0.012	0.010	0.009	0.091	0.048	0.041	0.095	0.044	0.092	0.040	0.045	0.044	NO
	Right Touch	0.047	0.269	0.161	0.014	0.008	0.048	0.038	0.477	0.069	0.133	0.324	0.222	0.354	0.256	0.099	0.103	NO
	Right Tilt	0.030	0.135	0.016	0.017	0.007	0.020	0.020	0.181	0.054	0.070	0.172	0.063	0.185	0.066	0.067	0.057	NO
LTE Band 13 Ant0	Left Touch	0.086	0.138	0.041	0.018	0.016	0.020	0.020	0.265	0.120	0.126	0.240	0.145	0.244	0.147	0.124	0.122	NO
	Left Tilt	0.052	0.061	0.008	0.014	0.012	0.010	0.009	0.121	0.078	0.071	0.125	0.074	0.122	0.070	0.075	0.074	NO
	Right Touch	0.089	0.269	0.161	0.014	0.008	0.048	0.038	0.519	0.111	0.175	0.366	0.264	0.396	0.298	0.141	0.145	NO
	Right Tilt	0.059	0.135	0.016	0.017	0.007	0.020	0.020	0.210	0.083	0.099	0.201	0.092	0.214	0.095	0.096	0.086	NO
LTE Band 14 Ant0	Left Touch	0.092	0.138	0.041	0.018	0.016	0.020	0.020	0.271	0.126	0.132	0.246	0.151	0.250	0.153	0.130	0.128	NO
	Left Tilt	0.055	0.061	0.008	0.014	0.012	0.010	0.009	0.124	0.081	0.074	0.128	0.077	0.125	0.073	0.078	0.077	NO
	Right Touch	0.095	0.269	0.161	0.014	0.008	0.048	0.038	0.525	0.117	0.181	0.372	0.270	0.402	0.304	0.147	0.151	NO
	Right Tilt	0.063	0.135	0.016	0.017	0.007	0.020	0.020	0.214	0.087	0.103	0.205	0.096	0.218	0.099	0.100	0.090	NO
LTE Band 25 Ant0	Left Touch	0.137	0.138	0.041	0.018	0.016	0.020	0.020	0.316	0.171	0.177	0.291	0.196	0.295	0.198	0.175	0.173	NO
	Left Tilt	0.130	0.061	0.008	0.014	0.012	0.010	0.009	0.199	0.156	0.149	0.203	0.152	0.200	0.148	0.153	0.152	NO
	Right Touch	0.195	0.269	0.161	0.014	0.008	0.048	0.038	0.625	0.217	0.281	0.472	0.370	0.502	0.404	0.247	0.251	NO
	Right Tilt	0.111	0.135	0.016	0.017	0.007	0.020	0.020	0.262	0.135	0.151	0.253	0.144	0.266	0.147	0.148	0.138	NO
LTE Band 30 Ant0	Left Touch	0.029	0.138	0.041	0.018	0.016	0.020	0.020	0.208	0.063	0.069	0.183	0.088	0.187	0.090	0.067	0.065	NO
	Left Tilt	0.028	0.061	0.008	0.014	0.012	0.010	0.009	0.097	0.054	0.047	0.101	0.050	0.098	0.046	0.051	0.050	NO
	Right Touch	0.039	0.269	0.161	0.014	0.008	0.048	0.038	0.469	0.061	0.125	0.316	0.214	0.346	0.248	0.091	0.095	NO
	Right Tilt	0.019	0.135	0.016	0.017	0.007	0.020	0.020	0.170	0.043	0.059	0.161	0.052	0.174	0.055	0.056	0.046	NO
LTE Band 30 Ant1	Left Touch	0.009	0.138	0.041	0.018	0.016	0.020	0.020	0.188	0.043	0.049	0.163	0.068	0.167	0.070	0.047	0.045	NO
	Left Tilt	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.076	0.033	0.026	0.080	0.029	0.077	0.025	0.030	0.029	NO
	Right Touch	0.014	0.269	0.161	0.014	0.008	0.048	0.038	0.444	0.036	0.100	0.291	0.189	0.321	0.223	0.066	0.070	NO
	Right Tilt	0.012	0.135	0.016	0.017	0.007	0.020	0.020	0.163	0.036	0.052	0.154	0.045	0.167	0.048	0.049	0.039	NO

LTE Band 30 Ant4	Left Touch	0.357	0.138	0.041	0.018	0.016	0.020	0.020	0.536	0.391	0.397	0.511	0.416	0.515	0.418	0.395	0.393	NO
	Left Tilt	0.330	0.061	0.008	0.014	0.012	0.010	0.009	0.399	0.356	0.349	0.403	0.352	0.400	0.348	0.353	0.352	NO
	Right Touch	0.428	0.269	0.161	0.014	0.008	0.048	0.038	0.858	0.450	0.514	0.705	0.603	0.735	0.637	0.480	0.484	NO
	Right Tilt	0.419	0.135	0.016	0.017	0.007	0.020	0.020	0.570	0.443	0.459	0.561	0.452	0.574	0.455	0.456	0.446	NO
LTE Band 41 Ant0	Left Touch	0.030	0.138	0.041	0.018	0.016	0.020	0.020	0.209	0.064	0.070	0.184	0.089	0.188	0.091	0.068	0.066	NO
	Left Tilt	0.022	0.061	0.008	0.014	0.012	0.010	0.009	0.091	0.048	0.041	0.095	0.044	0.092	0.040	0.045	0.044	NO
	Right Touch	0.042	0.269	0.161	0.014	0.008	0.048	0.038	0.472	0.064	0.128	0.319	0.217	0.349	0.251	0.094	0.098	NO
	Right Tilt	0.030	0.135	0.016	0.017	0.007	0.020	0.020	0.181	0.054	0.070	0.172	0.063	0.185	0.066	0.067	0.057	NO
LTE Band 42 Ant1	Left Touch	0.008	0.138	0.041	0.018	0.016	0.020	0.020	0.187	0.042	0.048	0.162	0.067	0.166	0.069	0.046	0.044	NO
	Left Tilt	0.001	0.061	0.008	0.014	0.012	0.010	0.009	0.070	0.027	0.020	0.074	0.023	0.071	0.019	0.024	0.023	NO
	Right Touch	0.006	0.269	0.161	0.014	0.008	0.048	0.038	0.436	0.028	0.092	0.283	0.181	0.313	0.215	0.058	0.062	NO
	Right Tilt	0.001	0.135	0.016	0.017	0.007	0.020	0.020	0.152	0.025	0.041	0.143	0.034	0.156	0.037	0.038	0.028	NO
LTE Band 43 Ant1	Left Touch	0.007	0.138	0.041	0.018	0.016	0.020	0.020	0.186	0.041	0.047	0.161	0.066	0.165	0.068	0.045	0.043	NO
	Left Tilt	0.001	0.061	0.008	0.014	0.012	0.010	0.009	0.070	0.027	0.020	0.074	0.023	0.071	0.019	0.024	0.023	NO
	Right Touch	0.006	0.269	0.161	0.014	0.008	0.048	0.038	0.436	0.028	0.092	0.283	0.181	0.313	0.215	0.058	0.062	NO
	Right Tilt	0.001	0.135	0.016	0.017	0.007	0.020	0.020	0.152	0.025	0.041	0.143	0.034	0.156	0.037	0.038	0.028	NO
LTE Band 48 Ant1	Left Touch	0.009	0.138	0.041	0.018	0.016	0.020	0.020	0.188	0.043	0.049	0.163	0.068	0.167	0.070	0.047	0.045	NO
	Left Tilt	0.002	0.061	0.008	0.014	0.012	0.010	0.009	0.071	0.028	0.021	0.075	0.024	0.072	0.020	0.025	0.024	NO
	Right Touch	0.022	0.269	0.161	0.014	0.008	0.048	0.038	0.452	0.044	0.108	0.299	0.197	0.329	0.231	0.074	0.078	NO
	Right Tilt	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.156	0.029	0.045	0.147	0.038	0.160	0.041	0.042	0.032	NO
LTE Band 66 Ant0	Left Touch	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.192	0.047	0.053	0.167	0.072	0.171	0.074	0.051	0.049	NO
	Left Tilt	0.009	0.061	0.008	0.014	0.012	0.010	0.009	0.078	0.035	0.028	0.082	0.031	0.079	0.027	0.032	0.031	NO
	Right Touch	0.091	0.269	0.161	0.014	0.008	0.048	0.038	0.521	0.113	0.177	0.368	0.266	0.398	0.300	0.143	0.147	NO
	Right Tilt	0.028	0.135	0.016	0.017	0.007	0.020	0.020	0.179	0.052	0.068	0.170	0.061	0.183	0.064	0.065	0.055	NO
LTE Band 66 Ant4	Left Touch	0.488	0.138	0.041	0.018	0.016	0.020	0.020	0.667	0.522	0.528	0.642	0.547	0.646	0.549	0.526	0.524	NO
	Left Tilt	0.501	0.061	0.008	0.014	0.012	0.010	0.009	0.570	0.527	0.520	0.574	0.523	0.571	0.519	0.524	0.523	NO
	Right Touch	0.850	0.269	0.161	0.014	0.008	0.048	0.038	1.280	0.872	0.936	1.127	1.025	1.157	1.059	0.902	0.906	NO
	Right Tilt	0.788	0.135	0.016	0.017	0.007	0.020	0.020	0.939	0.812	0.828	0.930	0.821	0.943	0.824	0.825	0.815	NO
LTE Band 71 Ant0	Left Touch	0.119	0.138	0.041	0.018	0.016	0.020	0.020	0.298	0.153	0.159	0.273	0.178	0.277	0.180	0.157	0.155	NO
	Left Tilt	0.066	0.061	0.008	0.014	0.012	0.010	0.009	0.135	0.092	0.085	0.139	0.088	0.136	0.084	0.089	0.088	NO
	Right Touch	0.129	0.269	0.161	0.014	0.008	0.048	0.038	0.559	0.151	0.215	0.406	0.304	0.436	0.338	0.181	0.185	NO
	Right Tilt	0.076	0.135	0.016	0.017	0.007	0.020	0.020	0.227	0.100	0.116	0.218	0.109	0.231	0.112	0.113	0.103	NO
NR Band 5 Ant0	Left Touch	0.091	0.138	0.041	0.018	0.016	0.020	0.020	0.270	0.125	0.131	0.245	0.150	0.249	0.152	0.129	0.127	NO
	Left Tilt	0.048	0.061	0.008	0.014	0.012	0.010	0.009	0.117	0.074	0.067	0.121	0.070	0.118	0.066	0.071	0.070	NO
	Right Touch	0.088	0.269	0.161	0.014	0.008	0.048	0.038	0.518	0.110	0.174	0.365	0.263	0.395	0.297	0.140	0.144	NO
	Right Tilt	0.056	0.135	0.016	0.017	0.007	0.020	0.020	0.207	0.080	0.096	0.198	0.089	0.211	0.092	0.093	0.083	NO
NR Band 12 Ant0	Left Touch	0.074	0.138	0.041	0.018	0.016	0.020	0.020	0.253	0.108	0.114	0.228	0.133	0.232	0.135	0.112	0.110	NO
	Left Tilt	0.042	0.061	0.008	0.014	0.012	0.010	0.009	0.111	0.068	0.061	0.115	0.064	0.112	0.060	0.065	0.064	NO
	Right Touch	0.088	0.269	0.161	0.014	0.008	0.048	0.038	0.518	0.110	0.174	0.365	0.263	0.395	0.297	0.140	0.144	NO
	Right Tilt	0.058	0.135	0.016	0.017	0.007	0.020	0.020	0.209	0.082	0.098	0.200	0.091	0.213	0.094	0.095	0.085	NO
NR Band 25 Ant0	Left Touch	0.137	0.138	0.041	0.018	0.016	0.020	0.020	0.316	0.171	0.177	0.291	0.196	0.295	0.198	0.175	0.173	NO
	Left Tilt	0.133	0.061	0.008	0.014	0.012	0.010	0.009	0.202	0.159	0.152	0.206	0.155	0.203	0.151	0.156	0.155	NO
	Right Touch	0.208	0.269	0.161	0.014	0.008	0.048	0.038	0.638	0.230	0.294	0.485	0.383	0.515	0.417	0.260	0.264	NO
	Right Tilt	0.124	0.135	0.016	0.017	0.007	0.020	0.020	0.275	0.148	0.164	0.266	0.157	0.279	0.160	0.161	0.151	NO
NR Band 25 Ant1	Left Touch	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.195	0.050	0.056	0.170	0.075	0.174	0.077	0.054	0.052	NO
	Left Tilt	0.013	0.061	0.008	0.014	0.012	0.010	0.009	0.082	0.039	0.032	0.086	0.035	0.083	0.031	0.036	0.035	NO
	Right Touch	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.468	0.060	0.124	0.315	0.213	0.345	0.247	0.090	0.094	NO
	Right Tilt	0.029	0.135	0.016	0.017	0.007	0.020	0.020	0.180	0.053	0.069	0.171	0.062	0.184	0.065	0.066	0.056	NO
NR Band 25 Ant4	Left Touch	0.600	0.138	0.041	0.018	0.016	0.020	0.020	0.779	0.634	0.640	0.754	0.659	0.758	0.661	0.638	0.636	NO

	Left Tilt	0.602	0.061	0.008	0.014	0.012	0.010	0.009	0.671	0.628	0.621	0.675	0.624	0.672	0.620	0.625	0.624	NO
	Right Touch	0.897	0.269	0.161	0.014	0.008	0.048	0.038	1.327	0.919	0.983	1.174	1.072	1.204	1.106	0.949	0.953	NO
	Right Tilt	0.793	0.135	0.016	0.017	0.007	0.020	0.020	0.944	0.817	0.833	0.935	0.826	0.948	0.829	0.830	0.820	NO
NR Band 30 Ant0	Left Touch	0.047	0.138	0.041	0.018	0.016	0.020	0.020	0.226	0.081	0.087	0.201	0.106	0.205	0.108	0.085	0.083	NO
	Left Tilt	0.046	0.061	0.008	0.014	0.012	0.010	0.009	0.115	0.072	0.065	0.119	0.068	0.116	0.064	0.069	0.068	NO
	Right Touch	0.052	0.269	0.161	0.014	0.008	0.048	0.038	0.482	0.074	0.138	0.329	0.227	0.359	0.261	0.104	0.108	NO
	Right Tilt	0.031	0.135	0.016	0.017	0.007	0.020	0.020	0.182	0.055	0.071	0.173	0.064	0.186	0.067	0.068	0.058	NO
NR Band 30 Ant1	Left Touch	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.192	0.047	0.053	0.167	0.072	0.171	0.074	0.051	0.049	NO
	Left Tilt	0.010	0.061	0.008	0.014	0.012	0.010	0.009	0.079	0.036	0.029	0.083	0.032	0.080	0.028	0.033	0.032	NO
	Right Touch	0.023	0.269	0.161	0.014	0.008	0.048	0.038	0.453	0.045	0.109	0.300	0.198	0.330	0.232	0.075	0.079	NO
	Right Tilt	0.020	0.135	0.016	0.017	0.007	0.020	0.020	0.171	0.044	0.060	0.162	0.053	0.175	0.056	0.057	0.047	NO
NR Band 41 Ant0	Left Touch	0.079	0.138	0.041	0.018	0.016	0.020	0.020	0.258	0.113	0.119	0.233	0.138	0.237	0.140	0.117	0.115	NO
	Left Tilt	0.038	0.061	0.008	0.014	0.012	0.010	0.009	0.107	0.064	0.057	0.111	0.060	0.108	0.056	0.061	0.060	NO
	Right Touch	0.104	0.269	0.161	0.014	0.008	0.048	0.038	0.534	0.126	0.190	0.381	0.279	0.411	0.313	0.156	0.160	NO
	Right Tilt	0.044	0.135	0.016	0.017	0.007	0.020	0.020	0.195	0.068	0.084	0.186	0.077	0.199	0.080	0.081	0.071	NO
NR Band 41 Ant1	Left Touch	0.023	0.138	0.041	0.018	0.016	0.020	0.020	0.202	0.057	0.063	0.177	0.082	0.181	0.084	0.061	0.059	NO
	Left Tilt	0.017	0.061	0.008	0.014	0.012	0.010	0.009	0.086	0.043	0.036	0.090	0.039	0.087	0.035	0.040	0.039	NO
	Right Touch	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.468	0.060	0.124	0.315	0.213	0.345	0.247	0.090	0.094	NO
	Right Tilt	0.024	0.135	0.016	0.017	0.007	0.020	0.020	0.175	0.048	0.064	0.166	0.057	0.179	0.060	0.061	0.051	NO
NR Band 41 Ant2	Left Touch	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.192	0.047	0.053	0.167	0.072	0.171	0.074	0.051	0.049	NO
	Left Tilt	0.003	0.061	0.008	0.014	0.012	0.010	0.009	0.072	0.029	0.022	0.076	0.025	0.073	0.021	0.026	0.025	NO
	Right Touch	0.033	0.269	0.161	0.014	0.008	0.048	0.038	0.463	0.055	0.119	0.310	0.208	0.340	0.242	0.085	0.089	NO
	Right Tilt	0.009	0.135	0.016	0.017	0.007	0.020	0.020	0.160	0.033	0.049	0.151	0.042	0.164	0.045	0.046	0.036	NO
NR Band 41 Ant3	Left Touch	0.158	0.138	0.041	0.018	0.016	0.020	0.020	0.337	0.192	0.198	0.312	0.217	0.316	0.219	0.196	0.194	NO
	Left Tilt	0.061	0.061	0.008	0.014	0.012	0.010	0.009	0.130	0.087	0.080	0.134	0.083	0.131	0.079	0.084	0.083	NO
	Right Touch	0.147	0.269	0.161	0.014	0.008	0.048	0.038	0.577	0.169	0.233	0.424	0.322	0.454	0.356	0.199	0.203	NO
	Right Tilt	0.096	0.135	0.016	0.017	0.007	0.020	0.020	0.247	0.120	0.136	0.238	0.129	0.251	0.132	0.133	0.123	NO
NR Band 66 Ant0	Left Touch	0.014	0.138	0.041	0.018	0.016	0.020	0.020	0.193	0.048	0.054	0.168	0.073	0.172	0.075	0.052	0.050	NO
	Left Tilt	0.006	0.061	0.008	0.014	0.012	0.010	0.009	0.075	0.032	0.025	0.079	0.028	0.076	0.024	0.029	0.028	NO
	Right Touch	0.096	0.269	0.161	0.014	0.008	0.048	0.038	0.526	0.118	0.182	0.373	0.271	0.403	0.305	0.148	0.152	NO
	Right Tilt	0.014	0.135	0.016	0.017	0.007	0.020	0.020	0.165	0.038	0.054	0.156	0.047	0.169	0.050	0.051	0.041	NO
NR Band 66 Ant4	Left Touch	0.352	0.138	0.041	0.018	0.016	0.020	0.020	0.531	0.386	0.392	0.506	0.411	0.510	0.413	0.390	0.388	NO
	Left Tilt	0.369	0.061	0.008	0.014	0.012	0.010	0.009	0.438	0.395	0.388	0.442	0.391	0.439	0.387	0.392	0.391	NO
	Right Touch	0.672	0.269	0.161	0.014	0.008	0.048	0.038	1.102	0.694	0.758	0.949	0.847	0.979	0.881	0.724	0.728	NO
	Right Tilt	0.582	0.135	0.016	0.017	0.007	0.020	0.020	0.733	0.606	0.622	0.724	0.615	0.737	0.618	0.619	0.609	NO
NR Band 71 Ant0	Left Touch	0.128	0.138	0.041	0.018	0.016	0.020	0.020	0.307	0.162	0.168	0.282	0.187	0.286	0.189	0.166	0.164	NO
	Left Tilt	0.073	0.061	0.008	0.014	0.012	0.010	0.009	0.142	0.099	0.092	0.146	0.095	0.143	0.091	0.096	0.095	NO
	Right Touch	0.144	0.269	0.161	0.014	0.008	0.048	0.038	0.574	0.166	0.230	0.421	0.319	0.451	0.353	0.196	0.200	NO
	Right Tilt	0.080	0.135	0.016	0.017	0.007	0.020	0.020	0.231	0.104	0.120	0.222	0.113	0.235	0.116	0.117	0.107	NO
NR Band 48 Ant1	Left Touch	0.061	0.138	0.041	0.018	0.016	0.020	0.020	0.240	0.095	0.101	0.215	0.120	0.219	0.122	0.099	0.097	NO
	Left Tilt	0.019	0.061	0.008	0.014	0.012	0.010	0.009	0.088	0.045	0.038	0.092	0.041	0.089	0.037	0.042	0.041	NO
	Right Touch	0.142	0.269	0.161	0.014	0.008	0.048	0.038	0.572	0.164	0.228	0.419	0.317	0.449	0.351	0.194	0.198	NO
	Right Tilt	0.014	0.135	0.016	0.017	0.007	0.020	0.020	0.165	0.038	0.054	0.156	0.047	0.169	0.050	0.051	0.041	NO
NR Band 77 Ant1	Left Touch	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.203	0.058	0.064	0.178	0.083	0.182	0.085	0.062	0.060	NO
	Left Tilt	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.076	0.033	0.026	0.080	0.029	0.077	0.025	0.030	0.029	NO
	Right Touch	0.056	0.269	0.161	0.014	0.008	0.048	0.038	0.486	0.078	0.142	0.333	0.231	0.363	0.265	0.108	0.112	NO
	Right Tilt	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.156	0.029	0.045	0.147	0.038	0.160	0.041	0.042	0.032	NO
NR Band 77 Ant2	Left Touch	0.085	0.138	0.041	0.018	0.016	0.020	0.020	0.264	0.119	0.125	0.239	0.144	0.243	0.146	0.123	0.121	NO
	Left Tilt	0.049	0.061	0.008	0.014	0.012	0.010	0.009	0.118	0.075	0.068	0.122	0.071	0.119	0.067	0.072	0.071	NO

	Right Touch	0.129	0.269	0.161	0.014	0.008	0.048	0.038	0.559	0.151	0.215	0.406	0.304	0.436	0.338	0.181	0.185	NO
	Right Tilt	0.030	0.135	0.016	0.017	0.007	0.020	0.020	0.181	0.054	0.070	0.172	0.063	0.185	0.066	0.067	0.057	NO
NR Band 77 Ant3	Left Touch	0.581	0.138	0.041	0.018	0.016	0.020	0.020	0.760	0.615	0.621	0.735	0.640	0.739	0.642	0.619	0.617	NO
	Left Tilt	0.242	0.061	0.008	0.014	0.012	0.010	0.009	0.311	0.268	0.261	0.315	0.264	0.312	0.260	0.265	0.264	NO
	Right Touch	0.639	0.269	0.161	0.014	0.008	0.048	0.038	1.069	0.661	0.725	0.916	0.814	0.946	0.848	0.691	0.695	NO
	Right Tilt	0.401	0.135	0.016	0.017	0.007	0.020	0.020	0.552	0.425	0.441	0.543	0.434	0.556	0.437	0.438	0.428	NO
NR Band 77 Ant4	Left Touch	0.629	0.138	0.041	0.018	0.016	0.020	0.020	0.808	0.663	0.669	0.783	0.688	0.787	0.690	0.667	0.665	NO
	Left Tilt	0.646	0.061	0.008	0.014	0.012	0.010	0.009	0.715	0.672	0.665	0.719	0.668	0.716	0.664	0.669	0.668	NO
	Right Touch	0.907	0.269	0.161	0.014	0.008	0.048	0.038	**1.337**	0.929	0.993	1.184	1.082	1.214	1.116	0.959	0.963	NO
	Right Tilt	0.788	0.135	0.016	0.017	0.007	0.020	0.020	0.939	0.812	0.828	0.930	0.821	0.943	0.824	0.825	0.815	NO

Simultaneous Transmission ENDC SAR Summation Scenario for head

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN2.4G Ant6 SAR (W/kg)	④MAX. WLAN2.4G Ant7 SAR (W/kg)	⑤MAX. WLAN5G Ant6 SAR (W/kg)	⑥MAX. WLAN5G Ant7 SAR (W/kg)	⑦ MAX. BT Ant6 SAR (W/kg)	⑧ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+④	Summed SAR ①+②+⑤+⑥	Summed SAR ①+②+⑦+⑧	Summed SAR ①+②+③+⑥	Summed SAR ①+②+④+⑤	Summed SAR ①+②+③+⑧	Summed SAR ①+②+④+⑦	Summed SAR ①+②+⑤+⑧	Summed SAR ①+②+⑥+⑦	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Left Touch	0.016	0.091	0.138	0.041	0.018	0.016	0.020	0.020	0.286	0.141	0.147	0.261	0.166	0.265	0.168	0.145	0.143	NO
		Left Tilt	0.012	0.048	0.061	0.008	0.014	0.012	0.010	0.009	0.129	0.086	0.079	0.133	0.082	0.130	0.078	0.083	0.082	NO
		Right Touch	0.028	0.088	0.269	0.161	0.014	0.008	0.048	0.038	0.546	0.138	0.202	0.393	0.291	0.423	0.325	0.168	0.172	NO
		Right Tilt	0.021	0.056	0.135	0.016	0.017	0.007	0.020	0.020	0.228	0.101	0.117	0.219	0.110	0.232	0.113	0.114	0.104	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Left Touch	0.009	0.091	0.138	0.041	0.018	0.016	0.020	0.020	0.279	0.134	0.140	0.254	0.159	0.258	0.161	0.138	0.136	NO
		Left Tilt	0.007	0.048	0.061	0.008	0.014	0.012	0.010	0.009	0.124	0.081	0.074	0.128	0.077	0.125	0.073	0.078	0.077	NO
		Right Touch	0.014	0.088	0.269	0.161	0.014	0.008	0.048	0.038	0.532	0.124	0.188	0.379	0.277	0.409	0.311	0.154	0.158	NO
		Right Tilt	0.012	0.056	0.135	0.016	0.017	0.007	0.020	0.020	0.219	0.092	0.108	0.210	0.101	0.223	0.104	0.105	0.095	NO
LTE Band 2 Ant4	NR Band 66 Ant0	Left Touch	0.441	0.014	0.138	0.041	0.018	0.016	0.020	0.020	0.634	0.489	0.495	0.609	0.514	0.613	0.516	0.493	0.491	NO
		Left Tilt	0.439	0.006	0.061	0.008	0.014	0.012	0.010	0.009	0.514	0.471	0.464	0.518	0.467	0.515	0.463	0.468	0.467	NO
		Right Touch	0.760	0.096	0.269	0.161	0.014	0.008	0.048	0.038	1.286	0.878	0.942	1.133	1.031	1.163	1.065	0.908	0.912	NO
		Right Tilt	0.644	0.014	0.135	0.016	0.017	0.007	0.020	0.020	0.809	0.682	0.698	0.800	0.691	0.813	0.694	0.695	0.685	NO
LTE Band 30 Ant4	NR Band 66 Ant0	Left Touch	0.357	0.014	0.138	0.041	0.018	0.016	0.020	0.020	0.550	0.405	0.411	0.525	0.430	0.529	0.432	0.409	0.407	NO
		Left Tilt	0.330	0.006	0.061	0.008	0.014	0.012	0.010	0.009	0.405	0.362	0.355	0.409	0.358	0.406	0.354	0.359	0.358	NO
		Right Touch	0.428	0.096	0.269	0.161	0.014	0.008	0.048	0.038	0.954	0.546	0.610	0.801	0.699	0.831	0.733	0.576	0.580	NO
		Right Tilt	0.419	0.014	0.135	0.016	0.017	0.007	0.020	0.020	0.584	0.457	0.473	0.575	0.466	0.588	0.469	0.470	0.460	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Left Touch	0.097	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.292	0.147	0.153	0.267	0.172	0.271	0.174	0.151	0.149	NO
		Left Tilt	0.059	0.013	0.061	0.008	0.014	0.012	0.010	0.009	0.141	0.098	0.091	0.145	0.094	0.142	0.090	0.095	0.094	NO
		Right Touch	0.101	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.569	0.161	0.225	0.416	0.314	0.446	0.348	0.191	0.195	NO
		Right Tilt	0.069	0.029	0.135	0.016	0.017	0.007	0.020	0.020	0.249	0.122	0.138	0.240	0.131	0.253	0.134	0.135	0.125	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Left Touch	0.039	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.234	0.089	0.095	0.209	0.114	0.213	0.116	0.093	0.091	NO
		Left Tilt	0.022	0.013	0.061	0.008	0.014	0.012	0.010	0.009	0.104	0.061	0.054	0.108	0.057	0.105	0.053	0.058	0.057	NO
		Right Touch	0.047	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.515	0.107	0.171	0.362	0.260	0.392	0.294	0.137	0.141	NO
		Right Tilt	0.030	0.029	0.135	0.016	0.017	0.007	0.020	0.020	0.210	0.083	0.099	0.201	0.092	0.214	0.095	0.096	0.086	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Left Touch	0.357	0.137	0.138	0.041	0.018	0.016	0.020	0.020	0.673	0.528	0.534	0.648	0.553	0.652	0.555	0.532	0.530	NO
		Left Tilt	0.330	0.133	0.061	0.008	0.014	0.012	0.010	0.009	0.532	0.489	0.482	0.536	0.485	0.533	0.481	0.486	0.485	NO
		Right Touch	0.428	0.208	0.269	0.161	0.014	0.008	0.048	0.038	1.066	0.658	0.722	0.913	0.811	0.943	0.845	0.688	0.692	NO
		Right Tilt	0.419	0.124	0.135	0.016	0.017	0.007	0.020	0.020	0.694	0.567	0.583	0.685	0.576	0.698	0.579	0.580	0.570	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Left Touch	0.488	0.137	0.138	0.041	0.018	0.016	0.020	0.020	0.804	0.659	0.665	0.779	0.684	0.783	0.686	0.663	0.661	NO
		Left Tilt	0.501	0.133	0.061	0.008	0.014	0.012	0.010	0.009	0.703	0.660	0.653	0.707	0.656	0.704	0.652	0.657	0.656	NO
		Right Touch	0.850	0.208	0.269	0.161	0.014	0.008	0.048	0.038	**1.488**	1.080	1.144	1.335	1.233	1.365	1.267	1.110	1.114	NO
		Right Tilt	0.788	0.124	0.135	0.016	0.017	0.007	0.020	0.020	1.063	0.936	0.952	1.054	0.945	1.067	0.948	0.949	0.939	NO
LTE Band	NR Band	Left Touch	0.441	0.047	0.138	0.041	0.018	0.016	0.020	0.020	0.667	0.522	0.528	0.642	0.547	0.646	0.549	0.526	0.524	NO

2 Ant4	30 Ant0	Left Tilt	0.439	0.046	0.061	0.008	0.014	0.012	0.010	0.009	0.554	0.511	0.504	0.558	0.507	0.555	0.503	0.508	0.507	NO
		Right Touch	0.760	0.052	0.269	0.161	0.014	0.008	0.048	0.038	1.242	0.834	0.898	1.089	0.987	1.119	1.021	0.864	0.868	NO
		Right Tilt	0.644	0.031	0.135	0.016	0.017	0.007	0.020	0.020	0.826	0.699	0.715	0.817	0.708	0.830	0.711	0.712	0.702	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Left Touch	0.097	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.289	0.144	0.150	0.264	0.169	0.268	0.171	0.148	0.146	NO
		Left Tilt	0.059	0.010	0.061	0.008	0.014	0.012	0.010	0.009	0.138	0.095	0.088	0.142	0.091	0.139	0.087	0.092	0.091	NO
		Right Touch	0.101	0.023	0.269	0.161	0.014	0.008	0.048	0.038	0.554	0.146	0.210	0.401	0.299	0.431	0.333	0.176	0.180	NO
		Right Tilt	0.069	0.020	0.135	0.016	0.017	0.007	0.020	0.020	0.240	0.113	0.129	0.231	0.122	0.244	0.125	0.126	0.116	NO
LTE Band 12 Ant0	NR Band 30 Ant1	Left Touch	0.039	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.231	0.086	0.092	0.206	0.111	0.210	0.113	0.090	0.088	NO
		Left Tilt	0.022	0.010	0.061	0.008	0.014	0.012	0.010	0.009	0.101	0.058	0.051	0.105	0.054	0.102	0.050	0.055	0.054	NO
		Right Touch	0.047	0.023	0.269	0.161	0.014	0.008	0.048	0.038	0.500	0.092	0.156	0.347	0.245	0.377	0.279	0.122	0.126	NO
		Right Tilt	0.030	0.020	0.135	0.016	0.017	0.007	0.020	0.020	0.201	0.074	0.090	0.192	0.083	0.205	0.086	0.087	0.077	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Left Touch	0.092	0.013	0.138	0.041	0.018	0.016	0.020	0.020	0.284	0.139	0.145	0.259	0.164	0.263	0.166	0.143	0.141	NO
		Left Tilt	0.055	0.010	0.061	0.008	0.014	0.012	0.010	0.009	0.134	0.091	0.084	0.138	0.087	0.135	0.083	0.088	0.087	NO
		Right Touch	0.095	0.023	0.269	0.161	0.014	0.008	0.048	0.038	0.548	0.140	0.204	0.395	0.293	0.425	0.327	0.170	0.174	NO
		Right Tilt	0.063	0.020	0.135	0.016	0.017	0.007	0.020	0.020	0.234	0.107	0.123	0.225	0.116	0.238	0.119	0.120	0.110	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Left Touch	0.488	0.047	0.138	0.041	0.018	0.016	0.020	0.020	0.714	0.569	0.575	0.689	0.594	0.693	0.596	0.573	0.571	NO
		Left Tilt	0.501	0.046	0.061	0.008	0.014	0.012	0.010	0.009	0.616	0.573	0.566	0.620	0.569	0.617	0.565	0.570	0.569	NO
		Right Touch	0.850	0.052	0.269	0.161	0.014	0.008	0.048	0.038	1.332	0.924	0.988	1.179	1.077	1.209	1.111	0.954	0.958	NO
		Right Tilt	0.788	0.031	0.135	0.016	0.017	0.007	0.020	0.020	0.970	0.843	0.859	0.961	0.852	0.974	0.855	0.856	0.846	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Left Touch	0.441	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.644	0.499	0.505	0.619	0.524	0.623	0.526	0.503	0.501	NO
		Left Tilt	0.439	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.515	0.472	0.465	0.519	0.468	0.516	0.464	0.469	0.468	NO
		Right Touch	0.760	0.056	0.269	0.161	0.014	0.008	0.048	0.038	1.246	0.838	0.902	1.093	0.991	1.123	1.025	0.868	0.872	NO
		Right Tilt	0.644	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.800	0.673	0.689	0.791	0.682	0.804	0.685	0.686	0.676	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Left Touch	0.488	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.691	0.546	0.552	0.666	0.571	0.670	0.573	0.550	0.548	NO
		Left Tilt	0.501	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.577	0.534	0.527	0.581	0.530	0.578	0.526	0.531	0.530	NO
		Right Touch	0.850	0.056	0.269	0.161	0.014	0.008	0.048	0.038	1.336	0.928	0.992	1.183	1.081	1.213	1.115	0.958	0.962	NO
		Right Tilt	0.788	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.944	0.817	0.833	0.935	0.826	0.948	0.829	0.830	0.820	NO
LTE Band 12 Ant0	NR Band 77 Ant1	Left Touch	0.039	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.242	0.097	0.103	0.217	0.122	0.221	0.124	0.101	0.099	NO
		Left Tilt	0.022	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.098	0.055	0.048	0.102	0.051	0.099	0.047	0.052	0.051	NO
		Right Touch	0.047	0.056	0.269	0.161	0.014	0.008	0.048	0.038	0.533	0.125	0.189	0.380	0.278	0.410	0.312	0.155	0.159	NO
		Right Tilt	0.030	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.186	0.059	0.075	0.177	0.068	0.190	0.071	0.072	0.062	NO
LTE Band 14 Ant0	NR Band 77 Ant1	Left Touch	0.092	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.295	0.150	0.156	0.270	0.175	0.274	0.177	0.154	0.152	NO
		Left Tilt	0.055	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.131	0.088	0.081	0.135	0.084	0.132	0.080	0.085	0.084	NO
		Right Touch	0.095	0.056	0.269	0.161	0.014	0.008	0.048	0.038	0.581	0.173	0.237	0.428	0.326	0.458	0.360	0.203	0.207	NO
		Right Tilt	0.063	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.219	0.092	0.108	0.210	0.101	0.223	0.104	0.105	0.095	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Left Touch	0.092	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.287	0.142	0.148	0.262	0.167	0.266	0.169	0.146	0.144	NO
		Left Tilt	0.055	0.013	0.061	0.008	0.014	0.012	0.010	0.009	0.137	0.094	0.087	0.141	0.090	0.138	0.086	0.091	0.090	NO
		Right Touch	0.095	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.563	0.155	0.219	0.410	0.308	0.440	0.342	0.185	0.189	NO
		Right Tilt	0.063	0.029	0.135	0.016	0.017	0.007	0.020	0.020	0.243	0.116	0.132	0.234	0.125	0.247	0.128	0.129	0.119	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Left Touch	0.016	0.128	0.138	0.041	0.018	0.016	0.020	0.020	0.323	0.178	0.184	0.298	0.203	0.302	0.205	0.182	0.180	NO
		Left Tilt	0.012	0.073	0.061	0.008	0.014	0.012	0.010	0.009	0.154	0.111	0.104	0.158	0.107	0.155	0.103	0.108	0.107	NO
		Right Touch	0.028	0.144	0.269	0.161	0.014	0.008	0.048	0.038	0.602	0.194	0.258	0.449	0.347	0.479	0.381	0.224	0.228	NO
		Right Tilt	0.021	0.080	0.135	0.016	0.017	0.007	0.020	0.020	0.252	0.125	0.141	0.243	0.134	0.256	0.137	0.138	0.128	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Left Touch	0.441	0.079	0.138	0.041	0.018	0.016	0.020	0.020	0.699	0.554	0.560	0.674	0.579	0.678	0.581	0.558	0.556	NO
		Left Tilt	0.439	0.038	0.061	0.008	0.014	0.012	0.010	0.009	0.546	0.503	0.496	0.550	0.499	0.547	0.495	0.500	0.499	NO
		Right Touch	0.760	0.104	0.269	0.161	0.014	0.008	0.048	0.038	1.294	0.886	0.950	1.141	1.039	1.171	1.073	0.916	0.920	NO
		Right Tilt	0.644	0.044	0.135	0.016	0.017	0.007	0.020	0.020	0.839	0.712	0.728	0.830	0.721	0.843	0.724	0.725	0.715	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Left Touch	0.039	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.234	0.089	0.095	0.209	0.114	0.213	0.116	0.093	0.091	NO
		Left Tilt	0.022	0.013	0.061	0.008	0.014	0.012	0.010	0.009	0.104	0.061	0.054	0.108	0.057	0.105	0.053	0.058	0.057	NO

		Right Touch	0.047	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.515	0.107	0.171	0.362	0.260	0.392	0.294	0.137	0.141	NO
		Right Tilt	0.030	0.029	0.135	0.016	0.017	0.007	0.020	0.020	0.210	0.083	0.099	0.201	0.092	0.214	0.095	0.096	0.086	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Left Touch	0.488	0.137	0.138	0.041	0.018	0.016	0.020	0.020	0.804	0.659	0.665	0.779	0.684	0.783	0.686	0.663	0.661	NO
		Left Tilt	0.501	0.133	0.061	0.008	0.014	0.012	0.010	0.009	0.703	0.660	0.653	0.707	0.656	0.704	0.652	0.657	0.656	NO
		Right Touch	0.850	0.208	0.269	0.161	0.014	0.008	0.048	0.038	**1.488**	1.080	1.144	1.335	1.233	1.365	1.267	1.110	1.114	NO
		Right Tilt	0.788	0.124	0.135	0.016	0.017	0.007	0.020	0.020	1.063	0.936	0.952	1.054	0.945	1.067	0.948	0.949	0.939	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Left Touch	0.488	0.079	0.138	0.041	0.018	0.016	0.020	0.020	0.746	0.601	0.607	0.721	0.626	0.725	0.628	0.605	0.603	NO
		Left Tilt	0.501	0.038	0.061	0.008	0.014	0.012	0.010	0.009	0.608	0.565	0.558	0.612	0.561	0.609	0.557	0.562	0.561	NO
		Right Touch	0.850	0.104	0.269	0.161	0.014	0.008	0.048	0.038	1.384	0.976	1.040	1.231	1.129	1.261	1.163	1.006	1.010	NO
		Right Tilt	0.788	0.044	0.135	0.016	0.017	0.007	0.020	0.020	0.983	0.856	0.872	0.974	0.865	0.987	0.868	0.869	0.859	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Left Touch	0.441	0.061	0.138	0.041	0.018	0.016	0.020	0.020	0.681	0.536	0.542	0.656	0.561	0.660	0.563	0.540	0.538	NO
		Left Tilt	0.439	0.019	0.061	0.008	0.014	0.012	0.010	0.009	0.527	0.484	0.477	0.531	0.480	0.528	0.476	0.481	0.480	NO
		Right Touch	0.760	0.142	0.269	0.161	0.014	0.008	0.048	0.038	1.332	0.924	0.988	1.179	1.077	1.209	1.111	0.954	0.958	NO
		Right Tilt	0.644	0.014	0.135	0.016	0.017	0.007	0.020	0.020	0.809	0.682	0.698	0.800	0.691	0.813	0.694	0.695	0.685	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Left Touch	0.488	0.061	0.138	0.041	0.018	0.016	0.020	0.020	0.728	0.583	0.589	0.703	0.608	0.707	0.610	0.587	0.585	NO
		Left Tilt	0.501	0.019	0.061	0.008	0.014	0.012	0.010	0.009	0.589	0.546	0.539	0.593	0.542	0.590	0.538	0.543	0.542	NO
		Right Touch	0.850	0.142	0.269	0.161	0.014	0.008	0.048	0.038	1.422	1.014	1.078	1.269	1.167	1.299	1.201	1.044	1.048	NO
		Right Tilt	0.788	0.014	0.135	0.016	0.017	0.007	0.020	0.020	0.953	0.826	0.842	0.944	0.835	0.957	0.838	0.839	0.829	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Left Touch	0.009	0.352	0.138	0.041	0.018	0.016	0.020	0.020	0.540	0.395	0.401	0.515	0.420	0.519	0.422	0.399	0.397	NO
		Left Tilt	0.002	0.369	0.061	0.008	0.014	0.012	0.010	0.009	0.440	0.397	0.390	0.444	0.393	0.441	0.389	0.394	0.393	NO
		Right Touch	0.022	0.672	0.269	0.161	0.014	0.008	0.048	0.038	1.124	0.716	0.780	0.971	0.869	1.001	0.903	0.746	0.750	NO
		Right Tilt	0.005	0.582	0.135	0.016	0.017	0.007	0.020	0.020	0.738	0.611	0.627	0.729	0.620	0.742	0.623	0.624	0.614	NO
LTE Band 48 Ant1	NR Band 25 Ant4	Left Touch	0.009	0.600	0.138	0.041	0.018	0.016	0.020	0.020	0.788	0.643	0.649	0.763	0.668	0.767	0.670	0.647	0.645	NO
		Left Tilt	0.002	0.602	0.061	0.008	0.014	0.012	0.010	0.009	0.673	0.630	0.623	0.677	0.626	0.674	0.622	0.627	0.626	NO
		Right Touch	0.022	0.897	0.269	0.161	0.014	0.008	0.048	0.038	1.349	0.941	1.005	1.196	1.094	1.226	1.128	0.971	0.975	NO
		Right Tilt	0.005	0.793	0.135	0.016	0.017	0.007	0.020	0.020	0.949	0.822	0.838	0.940	0.831	0.953	0.834	0.835	0.825	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Left Touch	0.086	0.016	0.138	0.041	0.018	0.016	0.020	0.020	0.281	0.136	0.142	0.256	0.161	0.260	0.163	0.140	0.138	NO
		Left Tilt	0.052	0.013	0.061	0.008	0.014	0.012	0.010	0.009	0.134	0.091	0.084	0.138	0.087	0.135	0.083	0.088	0.087	NO
		Right Touch	0.089	0.038	0.269	0.161	0.014	0.008	0.048	0.038	0.557	0.149	0.213	0.404	0.302	0.434	0.336	0.179	0.183	NO
		Right Tilt	0.059	0.029	0.135	0.016	0.017	0.007	0.020	0.020	0.239	0.112	0.128	0.230	0.121	0.243	0.124	0.125	0.115	NO
LTE Band 2 Ant1	NR Band 5 Ant0	Left Touch	0.016	0.091	0.138	0.041	0.018	0.016	0.020	0.020	0.286	0.141	0.147	0.261	0.166	0.265	0.168	0.145	0.143	NO
		Left Tilt	0.012	0.048	0.061	0.008	0.014	0.012	0.010	0.009	0.129	0.086	0.079	0.133	0.082	0.130	0.078	0.083	0.082	NO
		Right Touch	0.028	0.088	0.269	0.161	0.014	0.008	0.048	0.038	0.546	0.138	0.202	0.393	0.291	0.423	0.325	0.168	0.172	NO
		Right Tilt	0.021	0.056	0.135	0.016	0.017	0.007	0.020	0.020	0.228	0.101	0.117	0.219	0.110	0.232	0.113	0.114	0.104	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Left Touch	0.009	0.091	0.138	0.041	0.018	0.016	0.020	0.020	0.279	0.134	0.140	0.254	0.159	0.258	0.161	0.138	0.136	NO
		Left Tilt	0.002	0.048	0.061	0.008	0.014	0.012	0.010	0.009	0.119	0.076	0.069	0.123	0.072	0.120	0.068	0.073	0.072	NO
		Right Touch	0.022	0.088	0.269	0.161	0.014	0.008	0.048	0.038	0.540	0.132	0.196	0.387	0.285	0.417	0.319	0.162	0.166	NO
		Right Tilt	0.005	0.056	0.135	0.016	0.017	0.007	0.020	0.020	0.212	0.085	0.101	0.203	0.094	0.216	0.097	0.098	0.088	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Left Touch	0.086	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.289	0.144	0.150	0.264	0.169	0.268	0.171	0.148	0.146	NO
		Left Tilt	0.052	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.128	0.085	0.078	0.132	0.081	0.129	0.077	0.082	0.081	NO
		Right Touch	0.089	0.056	0.269	0.161	0.014	0.008	0.048	0.038	0.575	0.167	0.231	0.422	0.320	0.452	0.354	0.197	0.201	NO
		Right Tilt	0.059	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.215	0.088	0.104	0.206	0.097	0.219	0.100	0.101	0.091	NO
LTE Band 5 Ant0	NR Band 77 Ant1	Left Touch	0.097	0.024	0.138	0.041	0.018	0.016	0.020	0.020	0.300	0.155	0.161	0.275	0.180	0.279	0.182	0.159	0.157	NO
		Left Tilt	0.059	0.007	0.061	0.008	0.014	0.012	0.010	0.009	0.135	0.092	0.085	0.139	0.088	0.136	0.084	0.089	0.088	NO
		Right Touch	0.101	0.056	0.269	0.161	0.014	0.008	0.048	0.038	0.587	0.179	0.243	0.434	0.332	0.464	0.366	0.209	0.213	NO
		Right Tilt	0.069	0.005	0.135	0.016	0.017	0.007	0.020	0.020	0.225	0.098	0.114	0.216	0.107	0.229	0.110	0.111	0.101	NO

Simultaneous Transmission SAR Summation Scenario for body worn

WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	②MAX. WLAN2.4G Ant6 SAR (W/kg)	③MAX. WLAN2.4G Ant7 SAR (W/kg)	④MAX. WLAN5G Ant6 SAR (W/kg)	⑤MAX. WLAN5G Ant7 SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③	Summed SAR ①+④+⑤	Summed SAR ①+⑥+⑦	Summed SAR ①+②+⑤	Summed SAR ①+③+④	Summed SAR ①+②+⑦	Summed SAR ①+③+⑥	Summed SAR ①+④+⑦	Summed SAR ①+⑤+⑥	Volume scan
GSM850 Ant0	Front	0.099	0.006	0.005	0.021	0.016	0.001	0.006	0.110	0.136	0.106	0.121	0.125	0.111	0.105	0.126	0.116	NO
	Back	0.118	0.125	0.022	0.206	0.196	0.028	0.024	0.265	0.520	0.170	0.439	0.346	0.267	0.168	0.348	0.342	NO
GSM1900 Ant0	Front	0.121	0.006	0.005	0.021	0.016	0.001	0.006	0.132	0.158	0.128	0.143	0.147	0.133	0.127	0.148	0.138	NO
	Back	0.863	0.125	0.022	0.206	0.196	0.028	0.024	1.010	1.265	0.915	1.184	1.091	1.012	0.913	1.093	1.087	NO
WCDMA Band II Ant0	Front	0.310	0.006	0.005	0.021	0.016	0.001	0.006	0.321	0.347	0.317	0.332	0.336	0.322	0.316	0.337	0.327	NO
	Back	0.735	0.125	0.022	0.206	0.196	0.028	0.024	0.882	1.137	0.787	1.056	0.963	0.884	0.785	0.965	0.959	NO
WCDMA Band IV Ant0	Front	0.184	0.006	0.005	0.021	0.016	0.001	0.006	0.195	0.221	0.191	0.206	0.210	0.196	0.190	0.211	0.201	NO
	Back	0.740	0.125	0.022	0.206	0.196	0.028	0.024	0.887	1.142	0.792	1.061	0.968	0.889	0.790	0.970	0.964	NO
WCDMA Band V Ant0	Front	0.094	0.006	0.005	0.021	0.016	0.001	0.006	0.105	0.131	0.101	0.116	0.120	0.106	0.100	0.121	0.111	NO
	Back	0.121	0.125	0.022	0.206	0.196	0.028	0.024	0.268	0.523	0.173	0.442	0.349	0.270	0.171	0.351	0.345	NO
LTE Band 2 Ant1	Front	0.029	0.006	0.005	0.021	0.016	0.001	0.006	0.040	0.066	0.036	0.051	0.055	0.041	0.035	0.056	0.046	NO
	Back	0.088	0.125	0.022	0.206	0.196	0.028	0.024	0.235	0.490	0.140	0.409	0.316	0.237	0.138	0.318	0.312	NO
LTE Band 2 Ant4	Front	0.182	0.006	0.005	0.021	0.016	0.001	0.006	0.193	0.219	0.189	0.204	0.208	0.194	0.188	0.209	0.199	NO
	Back	0.475	0.125	0.022	0.206	0.196	0.028	0.024	0.622	0.877	0.527	0.796	0.703	0.624	0.525	0.705	0.699	NO
LTE Band 5 Ant0	Front	0.057	0.006	0.005	0.021	0.016	0.001	0.006	0.068	0.094	0.064	0.079	0.083	0.069	0.063	0.084	0.074	NO
	Back	0.090	0.125	0.022	0.206	0.196	0.028	0.024	0.237	0.492	0.142	0.411	0.318	0.239	0.140	0.320	0.314	NO
LTE Band 7 Ant0	Front	0.281	0.006	0.005	0.021	0.016	0.001	0.006	0.292	0.318	0.288	0.303	0.307	0.293	0.287	0.308	0.298	NO
	Back	0.403	0.125	0.022	0.206	0.196	0.028	0.024	0.550	0.805	0.455	0.724	0.631	0.552	0.453	0.633	0.627	NO
LTE Band 12 Ant0	Front	0.086	0.006	0.005	0.021	0.016	0.001	0.006	0.097	0.123	0.093	0.108	0.112	0.098	0.092	0.113	0.103	NO
	Back	0.126	0.125	0.022	0.206	0.196	0.028	0.024	0.273	0.528	0.178	0.447	0.354	0.275	0.176	0.356	0.350	NO
LTE Band 13 Ant0	Front	0.082	0.006	0.005	0.021	0.016	0.001	0.006	0.093	0.119	0.089	0.104	0.108	0.094	0.088	0.109	0.099	NO
	Back	0.108	0.125	0.022	0.206	0.196	0.028	0.024	0.255	0.510	0.160	0.429	0.336	0.257	0.158	0.338	0.332	NO
LTE Band 14 Ant0	Front	0.081	0.006	0.005	0.021	0.016	0.001	0.006	0.092	0.118	0.088	0.103	0.107	0.093	0.087	0.108	0.098	NO
	Back	0.105	0.125	0.022	0.206	0.196	0.028	0.024	0.252	0.507	0.157	0.426	0.333	0.254	0.155	0.335	0.329	NO
LTE Band 25 Ant0	Front	0.282	0.006	0.005	0.021	0.016	0.001	0.006	0.293	0.319	0.289	0.304	0.308	0.294	0.288	0.309	0.299	NO
	Back	0.724	0.125	0.022	0.206	0.196	0.028	0.024	0.871	1.126	0.776	1.045	0.952	0.873	0.774	0.954	0.948	NO
LTE Band 30 Ant0	Front	0.133	0.006	0.005	0.021	0.016	0.001	0.006	0.144	0.170	0.140	0.155	0.159	0.145	0.139	0.160	0.150	NO
	Back	0.297	0.125	0.022	0.206	0.196	0.028	0.024	0.444	0.699	0.349	0.618	0.525	0.446	0.347	0.527	0.521	NO
LTE Band 30 Ant1	Front	0.010	0.006	0.005	0.021	0.016	0.001	0.006	0.021	0.047	0.017	0.032	0.036	0.022	0.016	0.037	0.027	NO
	Back	0.038	0.125	0.022	0.206	0.196	0.028	0.024	0.185	0.440	0.090	0.359	0.266	0.187	0.088	0.268	0.262	NO
LTE Band 30 Ant4	Front	0.047	0.006	0.005	0.021	0.016	0.001	0.006	0.058	0.084	0.054	0.069	0.073	0.059	0.053	0.074	0.064	NO
	Back	0.166	0.125	0.022	0.206	0.196	0.028	0.024	0.313	0.568	0.218	0.487	0.394	0.315	0.216	0.396	0.390	NO
LTE Band 41 Ant0	Front	0.252	0.006	0.005	0.021	0.016	0.001	0.006	0.263	0.289	0.259	0.274	0.278	0.264	0.258	0.279	0.269	NO
	Back	0.369	0.125	0.022	0.206	0.196	0.028	0.024	0.516	0.771	0.421	0.690	0.597	0.518	0.419	0.599	0.593	NO
LTE Band 42 Ant1	Front	0.006	0.006	0.005	0.021	0.016	0.001	0.006	0.017	0.043	0.013	0.028	0.032	0.018	0.012	0.033	0.023	NO
	Back	0.012	0.125	0.022	0.206	0.196	0.028	0.024	0.159	0.414	0.064	0.333	0.240	0.161	0.062	0.242	0.236	NO
LTE Band 43 Ant1	Front	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.016	0.042	0.012	0.027	0.031	0.017	0.011	0.032	0.022	NO
	Back	0.055	0.125	0.022	0.206	0.196	0.028	0.024	0.202	0.457	0.107	0.376	0.283	0.204	0.105	0.285	0.279	NO
LTE Band 48 Ant1	Front	0.001	0.006	0.005	0.021	0.016	0.001	0.006	0.012	0.038	0.008	0.023	0.027	0.013	0.007	0.028	0.018	NO
	Back	0.017	0.125	0.022	0.206	0.196	0.028	0.024	0.164	0.419	0.069	0.338	0.245	0.166	0.067	0.247	0.241	NO
LTE Band 66 Ant0	Front	0.158	0.006	0.005	0.021	0.016	0.001	0.006	0.169	0.195	0.165	0.180	0.184	0.170	0.164	0.185	0.175	NO
	Back	0.645	0.125	0.022	0.206	0.196	0.028	0.024	0.792	1.047	0.697	0.966	0.873	0.794	0.695	0.875	0.869	NO
LTE Band 66 Ant4	Front	0.105	0.006	0.005	0.021	0.016	0.001	0.006	0.116	0.142	0.112	0.127	0.131	0.117	0.111	0.132	0.122	NO
	Back	0.302	0.125	0.022	0.206	0.196	0.028	0.024	0.449	0.704	0.354	0.623	0.530	0.451	0.352	0.532	0.526	NO
LTE Band 71 Ant0	Front	0.160	0.006	0.005	0.021	0.016	0.001	0.006	0.171	0.197	0.167	0.182	0.186	0.172	0.166	0.187	0.177	NO

	Back	0.203	0.125	0.022	0.206	0.196	0.028	0.024	0.350	0.605	0.255	0.524	0.431	0.352	0.253	0.433	0.427	NO
NR Band 5 Ant0	Front	0.073	0.006	0.005	0.021	0.016	0.001	0.006	0.084	0.110	0.080	0.095	0.099	0.085	0.079	0.100	0.090	NO
	Back	0.086	0.125	0.022	0.206	0.196	0.028	0.024	0.233	0.488	0.138	0.407	0.314	0.235	0.136	0.316	0.310	NO
NR Band 12 Ant0	Front	0.090	0.006	0.005	0.021	0.016	0.001	0.006	0.101	0.127	0.097	0.112	0.116	0.102	0.096	0.117	0.107	NO
	Back	0.132	0.125	0.022	0.206	0.196	0.028	0.024	0.279	0.534	0.184	0.453	0.360	0.281	0.182	0.362	0.356	NO
NR Band 25 Ant0	Front	0.342	0.006	0.005	0.021	0.016	0.001	0.006	0.353	0.379	0.349	0.364	0.368	0.354	0.348	0.369	0.359	NO
	Back	0.890	0.125	0.022	0.206	0.196	0.028	0.024	1.037	1.292	0.942	1.211	1.118	1.039	0.940	1.120	1.114	NO
NR Band 25 Ant1	Front	0.016	0.006	0.005	0.021	0.016	0.001	0.006	0.027	0.053	0.023	0.038	0.042	0.028	0.022	0.043	0.033	NO
	Back	0.045	0.125	0.022	0.206	0.196	0.028	0.024	0.192	0.447	0.097	0.366	0.273	0.194	0.095	0.275	0.269	NO
NR Band 25 Ant4	Front	0.199	0.006	0.005	0.021	0.016	0.001	0.006	0.210	0.236	0.206	0.221	0.225	0.211	0.205	0.226	0.216	NO
	Back	0.511	0.125	0.022	0.206	0.196	0.028	0.024	0.658	0.913	0.563	0.832	0.739	0.660	0.561	0.741	0.735	NO
NR Band 30 Ant0	Front	0.087	0.006	0.005	0.021	0.016	0.001	0.006	0.098	0.124	0.094	0.109	0.113	0.099	0.093	0.114	0.104	NO
	Back	0.191	0.125	0.022	0.206	0.196	0.028	0.024	0.338	0.593	0.243	0.512	0.419	0.340	0.241	0.421	0.415	NO
NR Band 30 Ant1	Front	0.017	0.006	0.005	0.021	0.016	0.001	0.006	0.028	0.054	0.024	0.039	0.043	0.029	0.023	0.044	0.034	NO
	Back	0.062	0.125	0.022	0.206	0.196	0.028	0.024	0.209	0.464	0.114	0.383	0.290	0.211	0.112	0.292	0.286	NO
NR Band 41 Ant0	Front	0.381	0.006	0.005	0.021	0.016	0.001	0.006	0.392	0.418	0.388	0.403	0.407	0.393	0.387	0.408	0.398	NO
	Back	0.553	0.125	0.022	0.206	0.196	0.028	0.024	0.700	0.955	0.605	0.874	0.781	0.702	0.603	0.783	0.777	NO
NR Band 41 Ant1	Front	0.013	0.006	0.005	0.021	0.016	0.001	0.006	0.024	0.050	0.020	0.035	0.039	0.025	0.019	0.040	0.030	NO
	Back	0.037	0.125	0.022	0.206	0.196	0.028	0.024	0.184	0.439	0.089	0.358	0.265	0.186	0.087	0.267	0.261	NO
NR Band 41 Ant2	Front	0.044	0.006	0.005	0.021	0.016	0.001	0.006	0.055	0.081	0.051	0.066	0.070	0.056	0.050	0.071	0.061	NO
	Back	0.129	0.125	0.022	0.206	0.196	0.028	0.024	0.276	0.531	0.181	0.450	0.357	0.278	0.179	0.359	0.353	NO
NR Band 41 Ant3	Front	0.046	0.006	0.005	0.021	0.016	0.001	0.006	0.057	0.083	0.053	0.068	0.072	0.058	0.052	0.073	0.063	NO
	Back	0.144	0.125	0.022	0.206	0.196	0.028	0.024	0.291	0.546	0.196	0.465	0.372	0.293	0.194	0.374	0.368	NO
NR Band 66 Ant0	Front	0.201	0.006	0.005	0.021	0.016	0.001	0.006	0.212	0.238	0.208	0.223	0.227	0.213	0.207	0.228	0.218	NO
	Back	0.661	0.125	0.022	0.206	0.196	0.028	0.024	0.808	1.063	0.713	0.982	0.889	0.810	0.711	0.891	0.885	NO
NR Band 66 Ant4	Front	0.106	0.006	0.005	0.021	0.016	0.001	0.006	0.117	0.143	0.113	0.128	0.132	0.118	0.112	0.133	0.123	NO
	Back	0.289	0.125	0.022	0.206	0.196	0.028	0.024	0.436	0.691	0.341	0.610	0.517	0.438	0.339	0.519	0.513	NO
NR Band 71 Ant0	Front	0.085	0.006	0.005	0.021	0.016	0.001	0.006	0.096	0.122	0.092	0.107	0.111	0.097	0.091	0.112	0.102	NO
	Back	0.125	0.125	0.022	0.206	0.196	0.028	0.024	0.272	0.527	0.177	0.446	0.353	0.274	0.175	0.355	0.349	NO
NR Band 48 Ant1	Front	0.007	0.006	0.005	0.021	0.016	0.001	0.006	0.018	0.044	0.014	0.029	0.033	0.019	0.013	0.034	0.024	NO
	Back	0.124	0.125	0.022	0.206	0.196	0.028	0.024	0.271	0.526	0.176	0.445	0.352	0.273	0.174	0.354	0.348	NO
NR Band 77 Ant1	Front	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.016	0.042	0.012	0.027	0.031	0.017	0.011	0.032	0.022	NO
	Back	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.230	0.485	0.135	0.404	0.311	0.232	0.133	0.313	0.307	NO
NR Band 77 Ant2	Front	0.159	0.006	0.005	0.021	0.016	0.001	0.006	0.170	0.196	0.166	0.181	0.185	0.171	0.165	0.186	0.176	NO
	Back	0.559	0.125	0.022	0.206	0.196	0.028	0.024	0.706	0.961	0.611	0.880	0.787	0.708	0.609	0.789	0.783	NO
NR Band 77 Ant3	Front	0.093	0.006	0.005	0.021	0.016	0.001	0.006	0.104	0.130	0.100	0.115	0.119	0.105	0.099	0.120	0.110	NO
	Back	0.541	0.125	0.022	0.206	0.196	0.028	0.024	0.688	0.943	0.593	0.862	0.769	0.690	0.591	0.771	0.765	NO
NR Band 77 Ant4	Front	0.139	0.006	0.005	0.021	0.016	0.001	0.006	0.150	0.176	0.146	0.161	0.165	0.151	0.145	0.166	0.156	NO
	Back	0.950	0.125	0.022	0.206	0.196	0.028	0.024	1.097	**1.352**	1.002	1.271	1.178	1.099	1.000	1.180	1.174	NO

Simultaneous Transmission ENDC SAR Summation Scenario for body worn

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN2.4G Ant6 SAR (W/kg)	④MAX. WLAN2.4G Ant7 SAR (W/kg)	⑤MAX. WLAN5G Ant6 SAR (W/kg)	⑥MAX. WLAN5G Ant7 SAR (W/kg)	⑦ MAX. BT Ant6 SAR (W/kg)	⑧ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+④	Summed SAR ①+②+⑤+⑥	Summed SAR ①+②+⑦+⑧	Summed SAR ①+②+③+⑥	Summed SAR ①+②+④+⑤	Summed SAR ①+②+③+⑧	Summed SAR ①+②+④+⑦	Summed SAR ①+②+⑤+⑧	Summed SAR ①+②+⑥+⑦	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.029	0.073	0.006	0.005	0.021	0.016	0.001	0.006	0.113	0.139	0.109	0.124	0.128	0.114	0.108	0.129	0.119	NO
		Back	0.088	0.086	0.125	0.022	0.206	0.196	0.028	0.024	0.321	0.576	0.226	0.495	0.402	0.323	0.224	0.404	0.398	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Front	0.010	0.073	0.006	0.005	0.021	0.016	0.001	0.006	0.094	0.120	0.090	0.105	0.109	0.095	0.089	0.110	0.100	NO
		Back	0.038	0.086	0.125	0.022	0.206	0.196	0.028	0.024	0.271	0.526	0.176	0.445	0.352	0.273	0.174	0.354	0.348	NO

LTE Band 2 Ant4	NR Band 66 Ant0	Front	0.182	0.201	0.006	0.005	0.021	0.016	0.001	0.006	0.394	0.420	0.390	0.405	0.409	0.395	0.389	0.410	0.400	NO
		Back	0.475	0.661	0.125	0.022	0.206	0.196	0.028	0.024	1.283	1.538	1.188	1.457	1.364	1.285	1.186	1.366	1.360	NO
LTE Band 30 Ant4	NR Band 66 Ant0	Front	0.047	0.201	0.006	0.005	0.021	0.016	0.001	0.006	0.259	0.285	0.255	0.270	0.274	0.260	0.254	0.275	0.265	NO
		Back	0.166	0.661	0.125	0.022	0.206	0.196	0.028	0.024	0.974	1.229	0.879	1.148	1.055	0.976	0.877	1.057	1.051	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Front	0.057	0.016	0.006	0.005	0.021	0.016	0.001	0.006	0.084	0.110	0.080	0.095	0.099	0.085	0.079	0.100	0.090	NO
		Back	0.090	0.045	0.125	0.022	0.206	0.196	0.028	0.024	0.282	0.537	0.187	0.456	0.363	0.284	0.185	0.365	0.359	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Front	0.086	0.016	0.006	0.005	0.021	0.016	0.001	0.006	0.113	0.139	0.109	0.124	0.128	0.114	0.108	0.129	0.119	NO
		Back	0.126	0.045	0.125	0.022	0.206	0.196	0.028	0.024	0.318	0.573	0.223	0.492	0.399	0.320	0.221	0.401	0.395	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Front	0.047	0.342	0.006	0.005	0.021	0.016	0.001	0.006	0.400	0.426	0.396	0.411	0.415	0.401	0.395	0.416	0.406	NO
		Back	0.166	0.890	0.125	0.022	0.206	0.196	0.028	0.024	1.203	1.458	1.108	1.377	1.284	1.205	1.106	1.286	1.280	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Front	0.105	0.342	0.006	0.005	0.021	0.016	0.001	0.006	0.458	0.484	0.454	0.469	0.473	0.459	0.453	0.474	0.464	NO
		Back	0.302	0.890	0.125	0.022	0.206	0.196	0.028	0.024	1.339	**1.594**	1.244	1.513	1.420	1.341	1.242	1.422	1.416	NO
LTE Band 2 Ant4	NR Band 30 Ant0	Front	0.182	0.087	0.006	0.005	0.021	0.016	0.001	0.006	0.280	0.306	0.276	0.291	0.295	0.281	0.275	0.296	0.286	NO
		Back	0.475	0.191	0.125	0.022	0.206	0.196	0.028	0.024	0.813	1.068	0.718	0.987	0.894	0.815	0.716	0.896	0.890	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Front	0.057	0.017	0.006	0.005	0.021	0.016	0.001	0.006	0.085	0.111	0.081	0.096	0.100	0.086	0.080	0.101	0.091	NO
		Back	0.090	0.062	0.125	0.022	0.206	0.196	0.028	0.024	0.299	0.554	0.204	0.473	0.380	0.301	0.202	0.382	0.376	NO
LTE Band 12 Ant0	NR Band 30 Ant1	Front	0.086	0.017	0.006	0.005	0.021	0.016	0.001	0.006	0.114	0.140	0.110	0.125	0.129	0.115	0.109	0.130	0.120	NO
		Back	0.126	0.062	0.125	0.022	0.206	0.196	0.028	0.024	0.335	0.590	0.240	0.509	0.416	0.337	0.238	0.418	0.412	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Front	0.081	0.017	0.006	0.005	0.021	0.016	0.001	0.006	0.109	0.135	0.105	0.120	0.124	0.110	0.104	0.125	0.115	NO
		Back	0.105	0.062	0.125	0.022	0.206	0.196	0.028	0.024	0.314	0.569	0.219	0.488	0.395	0.316	0.217	0.397	0.391	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Front	0.105	0.087	0.006	0.005	0.021	0.016	0.001	0.006	0.203	0.229	0.199	0.214	0.218	0.204	0.198	0.219	0.209	NO
		Back	0.302	0.191	0.125	0.022	0.206	0.196	0.028	0.024	0.640	0.895	0.545	0.814	0.721	0.642	0.543	0.723	0.717	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Front	0.182	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.198	0.224	0.194	0.209	0.213	0.199	0.193	0.214	0.204	NO
		Back	0.475	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.705	0.960	0.610	0.879	0.786	0.707	0.608	0.788	0.782	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Front	0.105	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.121	0.147	0.117	0.132	0.136	0.122	0.116	0.137	0.127	NO
		Back	0.302	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.532	0.787	0.437	0.706	0.613	0.534	0.435	0.615	0.609	NO
LTE Band 12 Ant0	NR Band 77 Ant1	Front	0.086	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.102	0.128	0.098	0.113	0.117	0.103	0.097	0.118	0.108	NO
		Back	0.126	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.356	0.611	0.261	0.530	0.437	0.358	0.259	0.439	0.433	NO
LTE Band 14 Ant0	NR Band 77 Ant1	Front	0.081	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.097	0.123	0.093	0.108	0.112	0.098	0.092	0.113	0.103	NO
		Back	0.105	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.335	0.590	0.240	0.509	0.416	0.337	0.238	0.418	0.412	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Front	0.081	0.016	0.006	0.005	0.021	0.016	0.001	0.006	0.108	0.134	0.104	0.119	0.123	0.109	0.103	0.124	0.114	NO
		Back	0.105	0.045	0.125	0.022	0.206	0.196	0.028	0.024	0.297	0.552	0.202	0.471	0.378	0.299	0.200	0.380	0.374	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Front	0.029	0.085	0.006	0.005	0.021	0.016	0.001	0.006	0.125	0.151	0.121	0.136	0.140	0.126	0.120	0.141	0.131	NO
		Back	0.088	0.125	0.125	0.022	0.206	0.196	0.028	0.024	0.360	0.615	0.265	0.534	0.441	0.362	0.263	0.443	0.437	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Front	0.182	0.381	0.006	0.005	0.021	0.016	0.001	0.006	0.574	0.600	0.570	0.585	0.589	0.575	0.569	0.590	0.580	NO
		Back	0.475	0.553	0.125	0.022	0.206	0.196	0.028	0.024	1.175	1.430	1.080	1.349	1.256	1.177	1.078	1.258	1.252	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Front	0.086	0.016	0.006	0.005	0.021	0.016	0.001	0.006	0.113	0.139	0.109	0.124	0.128	0.114	0.108	0.129	0.119	NO
		Back	0.126	0.045	0.125	0.022	0.206	0.196	0.028	0.024	0.318	0.573	0.223	0.492	0.399	0.320	0.221	0.401	0.395	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Front	0.105	0.342	0.006	0.005	0.021	0.016	0.001	0.006	0.458	0.484	0.454	0.469	0.473	0.459	0.453	0.474	0.464	NO
		Back	0.302	0.890	0.125	0.022	0.206	0.196	0.028	0.024	1.339	**1.594**	1.244	1.513	1.420	1.341	1.242	1.422	1.416	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Front	0.105	0.381	0.006	0.005	0.021	0.016	0.001	0.006	0.497	0.523	0.493	0.508	0.512	0.498	0.492	0.513	0.503	NO
		Back	0.302	0.553	0.125	0.022	0.206	0.196	0.028	0.024	1.002	1.257	0.907	1.176	1.083	1.004	0.905	1.085	1.079	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Front	0.182	0.007	0.006	0.005	0.021	0.016	0.001	0.006	0.200	0.226	0.196	0.211	0.215	0.201	0.195	0.216	0.206	NO
		Back	0.475	0.124	0.125	0.022	0.206	0.196	0.028	0.024	0.746	1.001	0.651	0.920	0.827	0.748	0.649	0.829	0.823	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Front	0.105	0.007	0.006	0.005	0.021	0.016	0.001	0.006	0.123	0.149	0.119	0.134	0.138	0.124	0.118	0.139	0.129	NO
		Back	0.302	0.124	0.125	0.022	0.206	0.196	0.028	0.024	0.573	0.828	0.478	0.747	0.654	0.575	0.476	0.656	0.650	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Front	0.001	0.106	0.006	0.005	0.021	0.016	0.001	0.006	0.118	0.144	0.114	0.129	0.133	0.119	0.113	0.134	0.124	NO
		Back	0.017	0.289	0.125	0.022	0.206	0.196	0.028	0.024	0.453	0.708	0.358	0.627	0.534	0.455	0.356	0.536	0.530	NO
LTE Band	NR Band	Front	0.001	0.199	0.006	0.005	0.021	0.016	0.001	0.006	0.211	0.237	0.207	0.222	0.226	0.212	0.206	0.227	0.217	NO

48 Ant1	25 Ant4	Back	0.017	0.511	0.125	0.022	0.206	0.196	0.028	0.024	0.675	0.930	0.580	0.849	0.756	0.677	0.578	0.758	0.752	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Front	0.082	0.016	0.006	0.005	0.021	0.016	0.001	0.006	0.109	0.135	0.105	0.120	0.124	0.110	0.104	0.125	0.115	NO
		Back	0.108	0.045	0.125	0.022	0.206	0.196	0.028	0.024	0.300	0.555	0.205	0.474	0.381	0.302	0.203	0.383	0.377	NO
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.029	0.073	0.006	0.005	0.021	0.016	0.001	0.006	0.113	0.139	0.109	0.124	0.128	0.114	0.108	0.129	0.119	NO
		Back	0.088	0.086	0.125	0.022	0.206	0.196	0.028	0.024	0.321	0.576	0.226	0.495	0.402	0.323	0.224	0.404	0.398	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Front	0.001	0.073	0.006	0.005	0.021	0.016	0.001	0.006	0.085	0.111	0.081	0.096	0.100	0.086	0.080	0.101	0.091	NO
		Back	0.017	0.086	0.125	0.022	0.206	0.196	0.028	0.024	0.250	0.505	0.155	0.424	0.331	0.252	0.153	0.333	0.327	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Front	0.082	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.098	0.124	0.094	0.109	0.113	0.099	0.093	0.114	0.104	NO
		Back	0.108	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.338	0.593	0.243	0.512	0.419	0.340	0.241	0.421	0.415	NO
LTE Band 5 Ant0	NR Band 77 Ant1	Front	0.057	0.005	0.006	0.005	0.021	0.016	0.001	0.006	0.073	0.099	0.069	0.084	0.088	0.074	0.068	0.089	0.079	NO
		Back	0.090	0.083	0.125	0.022	0.206	0.196	0.028	0.024	0.320	0.575	0.225	0.494	0.401	0.322	0.223	0.403	0.397	NO

Simultaneous Transmission SAR Summation Scenario for Hotspot

WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	②MAX. WLAN2.4G Ant6 SAR (W/kg)	③MAX. WLAN2.4G Ant7 SAR (W/kg)	④MAX. WLAN5G Ant6 SAR (W/kg)	⑤MAX. WLAN5G Ant7 SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③	Summed SAR ①+④+⑤	Summed SAR ①+⑥+⑦	Summed SAR ①+②+⑤	Summed SAR ①+③+④	Summed SAR ①+②+⑦	Summed SAR ①+③+⑥	Summed SAR ①+④+⑦	Summed SAR ①+⑤+⑥	Volume scan
GSM850 Ant0	Front	0.099	0.094	0.003	0.040	0.031	0.003	0.009	0.196	0.170	0.111	0.224	0.142	0.202	0.105	0.148	0.133	NO
	Back	0.173	0.205	0.048	0.402	0.334	0.045	0.041	0.426	0.909	0.259	0.712	0.623	0.419	0.266	0.616	0.552	NO
	Left	0.023	0.014	0.013	0.011	0.082	0.003	0.006	0.050	0.116	0.032	0.119	0.047	0.043	0.039	0.040	0.108	NO
	Right	0.094	0.042	0.010	0.044	0.010	0.011	0.018	0.146	0.148	0.123	0.146	0.148	0.154	0.115	0.156	0.115	NO
	Top	0.003	0.125	0.043	0.039	0.056	0.008	0.008	0.171	0.098	0.019	0.184	0.085	0.136	0.054	0.050	0.067	NO
	Bottom	0.015	0.004	0.004	0.007	0.007	0.001	0.003	0.023	0.029	0.019	0.026	0.026	0.022	0.020	0.025	0.023	NO
GSM1900 Ant0	Front	0.169	0.094	0.003	0.040	0.031	0.003	0.009	0.266	0.240	0.181	0.294	0.212	0.272	0.175	0.218	0.203	NO
	Back	0.810	0.205	0.048	0.402	0.334	0.045	0.041	1.063	1.546	0.896	1.349	1.260	1.056	0.903	1.253	1.189	NO
	Left	0.010	0.014	0.013	0.011	0.082	0.003	0.006	0.037	0.103	0.019	0.106	0.034	0.030	0.026	0.027	0.095	NO
	Right	0.052	0.042	0.010	0.044	0.010	0.011	0.018	0.104	0.106	0.081	0.104	0.106	0.112	0.073	0.114	0.073	NO
	Top	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.179	0.106	0.027	0.192	0.093	0.144	0.062	0.058	0.075	NO
	Bottom	0.498	0.004	0.004	0.007	0.007	0.001	0.003	0.506	0.512	0.502	0.509	0.509	0.505	0.503	0.508	0.506	NO
WCDMA Band II Ant0	Front	0.244	0.094	0.003	0.040	0.031	0.003	0.009	0.341	0.315	0.256	0.369	0.287	0.347	0.250	0.293	0.278	NO
	Back	0.661	0.205	0.048	0.402	0.334	0.045	0.041	0.914	1.397	0.747	1.200	1.111	0.907	0.754	1.104	1.040	NO
	Left	0.041	0.014	0.013	0.011	0.082	0.003	0.006	0.068	0.134	0.050	0.137	0.065	0.061	0.057	0.058	0.126	NO
	Right	0.129	0.042	0.010	0.044	0.010	0.011	0.018	0.181	0.183	0.158	0.181	0.183	0.189	0.150	0.191	0.150	NO
	Top	0.002	0.125	0.043	0.039	0.056	0.008	0.008	0.170	0.097	0.018	0.183	0.084	0.135	0.053	0.049	0.066	NO
	Bottom	0.563	0.004	0.004	0.007	0.007	0.001	0.003	0.571	0.577	0.567	0.574	0.574	0.570	0.568	0.573	0.571	NO
WCDMA Band IV Ant0	Front	0.624	0.094	0.003	0.040	0.031	0.003	0.009	0.721	0.695	0.636	0.749	0.667	0.727	0.630	0.673	0.658	NO
	Back	0.593	0.205	0.048	0.402	0.334	0.045	0.041	0.846	1.329	0.679	1.132	1.043	0.839	0.686	1.036	0.972	NO
	Left	0.007	0.014	0.013	0.011	0.082	0.003	0.006	0.034	0.100	0.016	0.103	0.031	0.027	0.023	0.024	0.092	NO
	Right	0.051	0.042	0.010	0.044	0.010	0.011	0.018	0.103	0.105	0.080	0.103	0.105	0.111	0.072	0.113	0.072	NO
	Top	0.010	0.125	0.043	0.039	0.056	0.008	0.008	0.178	0.105	0.026	0.191	0.092	0.143	0.061	0.057	0.074	NO
	Bottom	0.428	0.004	0.004	0.007	0.007	0.001	0.003	0.436	0.442	0.432	0.439	0.439	0.435	0.433	0.438	0.436	NO
WCDMA Band V Ant0	Front	0.121	0.094	0.003	0.040	0.031	0.003	0.009	0.218	0.192	0.133	0.246	0.164	0.224	0.127	0.170	0.155	NO
	Back	0.189	0.205	0.048	0.402	0.334	0.045	0.041	0.442	0.925	0.275	0.728	0.639	0.435	0.282	0.632	0.568	NO
	Left	0.084	0.014	0.013	0.011	0.082	0.003	0.006	0.111	0.177	0.093	0.180	0.108	0.104	0.100	0.101	0.169	NO
	Right	0.130	0.042	0.010	0.044	0.010	0.011	0.018	0.182	0.184	0.159	0.182	0.184	0.190	0.151	0.192	0.151	NO
	Top	0.005	0.125	0.043	0.039	0.056	0.008	0.008	0.173	0.100	0.021	0.186	0.087	0.138	0.056	0.052	0.069	NO
	Bottom	0.015	0.004	0.004	0.007	0.007	0.001	0.003	0.023	0.029	0.019	0.026	0.026	0.022	0.020	0.025	0.023	NO
LTE Band 2 Ant1	Front	0.043	0.094	0.003	0.040	0.031	0.003	0.009	0.140	0.114	0.055	0.168	0.086	0.146	0.049	0.092	0.077	NO
	Back	0.112	0.205	0.048	0.402	0.334	0.045	0.041	0.365	0.848	0.198	0.651	0.562	0.358	0.205	0.555	0.491	NO

	Left	0.006	0.014	0.013	0.011	0.082	0.003	0.006	0.033	0.099	0.015	0.102	0.030	0.026	0.022	0.023	0.091	NO
	Right	0.078	0.042	0.010	0.044	0.010	0.011	0.018	0.130	0.132	0.107	0.130	0.132	0.138	0.099	0.140	0.099	NO
	Top	0.014	0.125	0.043	0.039	0.056	0.008	0.008	0.182	0.109	0.030	0.195	0.096	0.147	0.065	0.061	0.078	NO
	Bottom	0.003	0.004	0.004	0.007	0.007	0.001	0.003	0.011	0.017	0.007	0.014	0.014	0.010	0.008	0.013	0.011	NO
LTE Band 2 Ant4	Front	0.120	0.094	0.003	0.040	0.031	0.003	0.009	0.217	0.191	0.132	0.245	0.163	0.223	0.126	0.169	0.154	NO
	Back	0.343	0.205	0.048	0.402	0.334	0.045	0.041	0.596	1.079	0.429	0.882	0.793	0.589	0.436	0.786	0.722	NO
	Left	0.060	0.014	0.013	0.011	0.082	0.003	0.006	0.087	0.153	0.069	0.156	0.084	0.080	0.076	0.077	0.145	NO
	Right	0.002	0.042	0.010	0.044	0.010	0.011	0.018	0.054	0.056	0.031	0.054	0.056	0.062	0.023	0.064	0.023	NO
	Top	0.341	0.125	0.043	0.039	0.056	0.008	0.008	0.509	0.436	0.357	0.522	0.423	0.474	0.392	0.388	0.405	NO
	Bottom	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.013	0.019	0.009	0.016	0.016	0.012	0.010	0.015	0.013	NO
LTE Band 5 Ant0	Front	0.075	0.094	0.003	0.040	0.031	0.003	0.009	0.172	0.146	0.087	0.200	0.118	0.178	0.081	0.124	0.109	NO
	Back	0.136	0.205	0.048	0.402	0.334	0.045	0.041	0.389	0.872	0.222	0.675	0.586	0.382	0.229	0.579	0.515	NO
	Left	0.047	0.014	0.013	0.011	0.082	0.003	0.006	0.074	0.140	0.056	0.143	0.071	0.067	0.063	0.064	0.132	NO
	Right	0.080	0.042	0.010	0.044	0.010	0.011	0.018	0.132	0.134	0.109	0.132	0.134	0.140	0.101	0.142	0.101	NO
	Top	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.176	0.103	0.024	0.189	0.090	0.141	0.059	0.055	0.072	NO
	Bottom	0.020	0.004	0.004	0.007	0.007	0.001	0.003	0.028	0.034	0.024	0.031	0.031	0.027	0.025	0.030	0.028	NO
LTE Band 7 Ant0	Front	0.562	0.094	0.003	0.040	0.031	0.003	0.009	0.659	0.633	0.574	0.687	0.605	0.665	0.568	0.611	0.596	NO
	Back	0.856	0.205	0.048	0.402	0.334	0.045	0.041	1.109	1.592	0.942	1.395	1.306	1.102	0.949	1.299	1.235	NO
	Left	0.066	0.014	0.013	0.011	0.082	0.003	0.006	0.093	0.159	0.075	0.162	0.090	0.086	0.082	0.083	0.151	NO
	Right	0.137	0.042	0.010	0.044	0.010	0.011	0.018	0.189	0.191	0.166	0.189	0.191	0.197	0.158	0.199	0.158	NO
	Top	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.179	0.106	0.027	0.192	0.093	0.144	0.062	0.058	0.075	NO
	Bottom	0.769	0.004	0.004	0.007	0.007	0.001	0.003	0.777	0.783	0.773	0.780	0.780	0.776	0.774	0.779	0.777	NO
LTE Band 12 Ant0	Front	0.096	0.094	0.003	0.040	0.031	0.003	0.009	0.193	0.167	0.108	0.221	0.139	0.199	0.102	0.145	0.130	NO
	Back	0.160	0.205	0.048	0.402	0.334	0.045	0.041	0.413	0.896	0.246	0.699	0.610	0.406	0.253	0.603	0.539	NO
	Left	0.091	0.014	0.013	0.011	0.082	0.003	0.006	0.118	0.184	0.100	0.187	0.115	0.111	0.107	0.108	0.176	NO
	Right	0.127	0.042	0.010	0.044	0.010	0.011	0.018	0.179	0.181	0.156	0.179	0.181	0.187	0.148	0.189	0.148	NO
	Top	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.176	0.103	0.024	0.189	0.090	0.141	0.059	0.055	0.072	NO
	Bottom	0.018	0.004	0.004	0.007	0.007	0.001	0.003	0.026	0.032	0.022	0.029	0.029	0.025	0.023	0.028	0.026	NO
LTE Band 13 Ant0	Front	0.092	0.094	0.003	0.040	0.031	0.003	0.009	0.189	0.163	0.104	0.217	0.135	0.195	0.098	0.141	0.126	NO
	Back	0.145	0.205	0.048	0.402	0.334	0.045	0.041	0.398	0.881	0.231	0.684	0.595	0.391	0.238	0.588	0.524	NO
	Left	0.063	0.014	0.013	0.011	0.082	0.003	0.006	0.090	0.156	0.072	0.159	0.087	0.083	0.079	0.080	0.148	NO
	Right	0.099	0.042	0.010	0.044	0.010	0.011	0.018	0.151	0.153	0.128	0.151	0.153	0.159	0.120	0.161	0.120	NO
	Top	0.016	0.125	0.043	0.039	0.056	0.008	0.008	0.184	0.111	0.032	0.197	0.098	0.149	0.067	0.063	0.080	NO
	Bottom	0.012	0.004	0.004	0.007	0.007	0.001	0.003	0.020	0.026	0.016	0.023	0.023	0.019	0.017	0.022	0.020	NO
LTE Band 14 Ant0	Front	0.087	0.094	0.003	0.040	0.031	0.003	0.009	0.184	0.158	0.099	0.212	0.130	0.190	0.093	0.136	0.121	NO
	Back	0.141	0.205	0.048	0.402	0.334	0.045	0.041	0.394	0.877	0.227	0.680	0.591	0.387	0.234	0.584	0.520	NO
	Left	0.060	0.014	0.013	0.011	0.082	0.003	0.006	0.087	0.153	0.069	0.156	0.084	0.080	0.076	0.077	0.145	NO
	Right	0.096	0.042	0.010	0.044	0.010	0.011	0.018	0.148	0.150	0.125	0.148	0.150	0.156	0.117	0.158	0.117	NO
	Top	0.010	0.125	0.043	0.039	0.056	0.008	0.008	0.178	0.105	0.026	0.191	0.092	0.143	0.061	0.057	0.074	NO
	Bottom	0.034	0.004	0.004	0.007	0.007	0.001	0.003	0.042	0.048	0.038	0.045	0.045	0.041	0.039	0.044	0.042	NO
LTE Band 25 Ant0	Front	0.262	0.094	0.003	0.040	0.031	0.003	0.009	0.359	0.333	0.274	0.387	0.305	0.365	0.268	0.311	0.296	NO
	Back	0.793	0.205	0.048	0.402	0.334	0.045	0.041	1.046	1.529	0.879	1.332	1.243	1.039	0.886	1.236	1.172	NO
	Left	0.034	0.014	0.013	0.011	0.082	0.003	0.006	0.061	0.127	0.043	0.130	0.058	0.054	0.050	0.051	0.119	NO
	Right	0.138	0.042	0.010	0.044	0.010	0.011	0.018	0.190	0.192	0.167	0.190	0.192	0.198	0.159	0.200	0.159	NO
	Top	0.013	0.125	0.043	0.039	0.056	0.008	0.008	0.181	0.108	0.029	0.194	0.095	0.146	0.064	0.060	0.077	NO
	Bottom	0.791	0.004	0.004	0.007	0.007	0.001	0.003	0.799	0.805	0.795	0.802	0.802	0.798	0.796	0.801	0.799	NO
LTE Band 30 Ant0	Front	0.213	0.094	0.003	0.040	0.031	0.003	0.009	0.310	0.284	0.225	0.338	0.256	0.316	0.219	0.262	0.247	NO
	Back	0.474	0.205	0.048	0.402	0.334	0.045	0.041	0.727	1.210	0.560	1.013	0.924	0.720	0.567	0.917	0.853	NO
	Left	0.033	0.014	0.013	0.011	0.082	0.003	0.006	0.060	0.126	0.042	0.129	0.057	0.053	0.049	0.050	0.118	NO

	Right	0.040	0.042	0.010	0.044	0.010	0.011	0.018	0.092	0.094	0.069	0.092	0.094	0.100	0.061	0.102	0.061	NO
	Top	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.174	0.101	0.022	0.187	0.088	0.139	0.057	0.053	0.070	NO
	Bottom	0.468	0.004	0.004	0.007	0.007	0.001	0.003	0.476	0.482	0.472	0.479	0.479	0.475	0.473	0.478	0.476	NO
LTE Band 30 Ant1	Front	0.013	0.094	0.003	0.040	0.031	0.003	0.009	0.110	0.084	0.025	0.138	0.056	0.116	0.019	0.062	0.047	NO
	Back	0.059	0.205	0.048	0.402	0.334	0.045	0.041	0.312	0.795	0.145	0.598	0.509	0.305	0.152	0.502	0.438	NO
	Left	0.010	0.014	0.013	0.011	0.082	0.003	0.006	0.037	0.103	0.019	0.106	0.034	0.030	0.026	0.027	0.095	NO
	Right	0.005	0.042	0.010	0.044	0.010	0.011	0.018	0.057	0.059	0.034	0.057	0.059	0.065	0.026	0.067	0.026	NO
	Top	0.010	0.125	0.043	0.039	0.056	0.008	0.008	0.178	0.105	0.026	0.191	0.092	0.143	0.061	0.057	0.074	NO
	Bottom	0.003	0.004	0.004	0.007	0.007	0.001	0.003	0.011	0.017	0.007	0.014	0.014	0.010	0.008	0.013	0.011	NO
LTE Band 30 Ant4	Front	0.086	0.094	0.003	0.040	0.031	0.003	0.009	0.183	0.157	0.098	0.211	0.129	0.189	0.092	0.135	0.120	NO
	Back	0.356	0.205	0.048	0.402	0.334	0.045	0.041	0.609	1.092	0.442	0.895	0.806	0.602	0.449	0.799	0.735	NO
	Left	0.051	0.014	0.013	0.011	0.082	0.003	0.006	0.078	0.144	0.060	0.147	0.075	0.071	0.067	0.068	0.136	NO
	Right	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.061	0.063	0.038	0.061	0.063	0.069	0.030	0.071	0.030	NO
	Top	0.268	0.125	0.043	0.039	0.056	0.008	0.008	0.436	0.363	0.284	0.449	0.350	0.401	0.319	0.315	0.332	NO
	Bottom	0.004	0.004	0.004	0.007	0.007	0.001	0.003	0.012	0.018	0.008	0.015	0.015	0.011	0.009	0.014	0.012	NO
LTE Band 41 Ant0	Front	0.435	0.094	0.003	0.040	0.031	0.003	0.009	0.532	0.506	0.447	0.560	0.478	0.538	0.441	0.484	0.469	NO
	Back	0.674	0.205	0.048	0.402	0.334	0.045	0.041	0.927	1.410	0.760	1.213	1.124	0.920	0.767	1.117	1.053	NO
	Left	0.040	0.014	0.013	0.011	0.082	0.003	0.006	0.067	0.133	0.049	0.136	0.064	0.060	0.056	0.057	0.125	NO
	Right	0.096	0.042	0.010	0.044	0.010	0.011	0.018	0.148	0.150	0.125	0.148	0.150	0.156	0.117	0.158	0.117	NO
	Top	0.012	0.125	0.043	0.039	0.056	0.008	0.008	0.180	0.107	0.028	0.193	0.094	0.145	0.063	0.059	0.076	NO
	Bottom	0.664	0.004	0.004	0.007	0.007	0.001	0.003	0.672	0.678	0.668	0.675	0.675	0.671	0.669	0.674	0.672	NO
LTE Band 42 Ant1	Front	0.006	0.094	0.003	0.040	0.031	0.003	0.009	0.103	0.077	0.018	0.131	0.049	0.109	0.012	0.055	0.040	NO
	Back	0.088	0.205	0.048	0.402	0.334	0.045	0.041	0.341	0.824	0.174	0.627	0.538	0.334	0.181	0.531	0.467	NO
	Left	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.036	0.102	0.018	0.105	0.033	0.029	0.025	0.026	0.094	NO
	Right	0.052	0.042	0.010	0.044	0.010	0.011	0.018	0.104	0.106	0.081	0.104	0.106	0.112	0.073	0.114	0.073	NO
	Top	0.009	0.125	0.043	0.039	0.056	0.008	0.008	0.177	0.104	0.025	0.190	0.091	0.142	0.060	0.056	0.073	NO
	Bottom	0.007	0.004	0.004	0.007	0.007	0.001	0.003	0.015	0.021	0.011	0.018	0.018	0.014	0.012	0.017	0.015	NO
LTE Band 43 Ant1	Front	0.012	0.094	0.003	0.040	0.031	0.003	0.009	0.109	0.083	0.024	0.137	0.055	0.115	0.018	0.061	0.046	NO
	Back	0.153	0.205	0.048	0.402	0.334	0.045	0.041	0.406	0.889	0.239	0.692	0.603	0.399	0.246	0.596	0.532	NO
	Left	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.041	0.107	0.023	0.110	0.038	0.034	0.030	0.031	0.099	NO
	Right	0.101	0.042	0.010	0.044	0.010	0.011	0.018	0.153	0.155	0.130	0.153	0.155	0.161	0.122	0.163	0.122	NO
	Top	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.183	0.110	0.031	0.196	0.097	0.148	0.066	0.062	0.079	NO
	Bottom	0.017	0.004	0.004	0.007	0.007	0.001	0.003	0.025	0.031	0.021	0.028	0.028	0.024	0.022	0.027	0.025	NO
LTE Band 48 Ant1	Front	0.002	0.094	0.003	0.040	0.031	0.003	0.009	0.099	0.073	0.014	0.127	0.045	0.105	0.008	0.051	0.036	NO
	Back	0.038	0.205	0.048	0.402	0.334	0.045	0.041	0.291	0.774	0.124	0.577	0.488	0.284	0.131	0.481	0.417	NO
	Left	0.003	0.014	0.013	0.011	0.082	0.003	0.006	0.030	0.096	0.012	0.099	0.027	0.023	0.019	0.020	0.088	NO
	Right	0.022	0.042	0.010	0.044	0.010	0.011	0.018	0.074	0.076	0.051	0.074	0.076	0.082	0.043	0.084	0.043	NO
	Top	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.183	0.110	0.031	0.196	0.097	0.148	0.066	0.062	0.079	NO
	Bottom	0.007	0.004	0.004	0.007	0.007	0.001	0.003	0.015	0.021	0.011	0.018	0.018	0.014	0.012	0.017	0.015	NO
LTE Band 66 Ant0	Front	0.133	0.094	0.003	0.040	0.031	0.003	0.009	0.230	0.204	0.145	0.258	0.176	0.236	0.139	0.182	0.167	NO
	Back	0.625	0.205	0.048	0.402	0.334	0.045	0.041	0.878	1.361	0.711	1.164	1.075	0.871	0.718	1.068	1.004	NO
	Left	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.036	0.102	0.018	0.105	0.033	0.029	0.025	0.026	0.094	NO
	Right	0.041	0.042	0.010	0.044	0.010	0.011	0.018	0.093	0.095	0.070	0.093	0.095	0.101	0.062	0.103	0.062	NO
	Top	0.014	0.125	0.043	0.039	0.056	0.008	0.008	0.182	0.109	0.030	0.195	0.096	0.147	0.065	0.061	0.078	NO
	Bottom	0.410	0.004	0.004	0.007	0.007	0.001	0.003	0.418	0.424	0.414	0.421	0.421	0.417	0.415	0.420	0.418	NO
LTE Band 66 Ant4	Front	0.118	0.094	0.003	0.040	0.031	0.003	0.009	0.215	0.189	0.130	0.243	0.161	0.221	0.124	0.167	0.152	NO
	Back	0.385	0.205	0.048	0.402	0.334	0.045	0.041	0.638	1.121	0.471	0.924	0.835	0.631	0.478	0.828	0.764	NO
	Left	0.067	0.014	0.013	0.011	0.082	0.003	0.006	0.094	0.160	0.076	0.163	0.091	0.087	0.083	0.084	0.152	NO
	Right	0.007	0.042	0.010	0.044	0.010	0.011	0.018	0.059	0.061	0.036	0.059	0.061	0.067	0.028	0.069	0.028	NO

	Top	0.371	0.125	0.043	0.039	0.056	0.008	0.008	0.539	0.466	0.387	0.552	0.453	0.504	0.422	0.418	0.435	NO
	Bottom	0.003	0.004	0.004	0.007	0.007	0.001	0.003	0.011	0.017	0.007	0.014	0.014	0.010	0.008	0.013	0.011	NO
LTE Band 71 Ant0	Front	0.149	0.094	0.003	0.040	0.031	0.003	0.009	0.246	0.220	0.161	0.274	0.192	0.252	0.155	0.198	0.183	NO
	Back	0.225	0.205	0.048	0.402	0.334	0.045	0.041	0.478	0.961	0.311	0.764	0.675	0.471	0.318	0.668	0.604	NO
	Left	0.149	0.014	0.013	0.011	0.082	0.003	0.006	0.176	0.242	0.158	0.245	0.173	0.169	0.165	0.166	0.234	NO
	Right	0.231	0.042	0.010	0.044	0.010	0.011	0.018	0.283	0.285	0.260	0.283	0.285	0.291	0.252	0.293	0.252	NO
	Top	0.017	0.125	0.043	0.039	0.056	0.008	0.008	0.185	0.112	0.033	0.198	0.099	0.150	0.068	0.064	0.081	NO
	Bottom	0.071	0.004	0.004	0.007	0.007	0.001	0.003	0.079	0.085	0.075	0.082	0.082	0.078	0.076	0.081	0.079	NO
NR Band 5 Ant0	Front	0.076	0.094	0.003	0.040	0.031	0.003	0.009	0.173	0.147	0.088	0.201	0.119	0.179	0.082	0.125	0.110	NO
	Back	0.130	0.205	0.048	0.402	0.334	0.045	0.041	0.383	0.866	0.216	0.669	0.580	0.376	0.223	0.573	0.509	NO
	Left	0.065	0.014	0.013	0.011	0.082	0.003	0.006	0.092	0.158	0.074	0.161	0.089	0.085	0.081	0.082	0.150	NO
	Right	0.080	0.042	0.010	0.044	0.010	0.011	0.018	0.132	0.134	0.109	0.132	0.134	0.140	0.101	0.142	0.101	NO
	Top	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.179	0.106	0.027	0.192	0.093	0.144	0.062	0.058	0.075	NO
	Bottom	0.010	0.004	0.004	0.007	0.007	0.001	0.003	0.018	0.024	0.014	0.021	0.021	0.017	0.015	0.020	0.018	NO
NR Band 12 Ant0	Front	0.085	0.094	0.003	0.040	0.031	0.003	0.009	0.182	0.156	0.097	0.210	0.128	0.188	0.091	0.134	0.119	NO
	Back	0.142	0.205	0.048	0.402	0.334	0.045	0.041	0.395	0.878	0.228	0.681	0.592	0.388	0.235	0.585	0.521	NO
	Left	0.080	0.014	0.013	0.011	0.082	0.003	0.006	0.107	0.173	0.089	0.176	0.104	0.100	0.096	0.097	0.165	NO
	Right	0.112	0.042	0.010	0.044	0.010	0.011	0.018	0.164	0.166	0.141	0.164	0.166	0.172	0.133	0.174	0.133	NO
	Top	0.005	0.125	0.043	0.039	0.056	0.008	0.008	0.173	0.100	0.021	0.186	0.087	0.138	0.056	0.052	0.069	NO
	Bottom	0.015	0.004	0.004	0.007	0.007	0.001	0.003	0.023	0.029	0.019	0.026	0.026	0.022	0.020	0.025	0.023	NO
NR Band 25 Ant0	Front	0.123	0.094	0.003	0.040	0.031	0.003	0.009	0.220	0.194	0.135	0.248	0.166	0.226	0.129	0.172	0.157	NO
	Back	0.392	0.205	0.048	0.402	0.334	0.045	0.041	0.645	1.128	0.478	0.931	0.842	0.638	0.485	0.835	0.771	NO
	Left	0.013	0.014	0.013	0.011	0.082	0.003	0.006	0.040	0.106	0.022	0.109	0.037	0.033	0.029	0.030	0.098	NO
	Right	0.060	0.042	0.010	0.044	0.010	0.011	0.018	0.112	0.114	0.089	0.112	0.114	0.120	0.081	0.122	0.081	NO
	Top	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.174	0.101	0.022	0.187	0.088	0.139	0.057	0.053	0.070	NO
	Bottom	0.342	0.004	0.004	0.007	0.007	0.001	0.003	0.350	0.356	0.346	0.353	0.353	0.349	0.347	0.352	0.350	NO
NR Band 25 Ant1	Front	0.022	0.094	0.003	0.040	0.031	0.003	0.009	0.119	0.093	0.034	0.147	0.065	0.125	0.028	0.071	0.056	NO
	Back	0.055	0.205	0.048	0.402	0.334	0.045	0.041	0.308	0.791	0.141	0.594	0.505	0.301	0.148	0.498	0.434	NO
	Left	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.041	0.107	0.023	0.110	0.038	0.034	0.030	0.031	0.099	NO
	Right	0.004	0.042	0.010	0.044	0.010	0.011	0.018	0.056	0.058	0.033	0.056	0.058	0.064	0.025	0.066	0.025	NO
	Top	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.176	0.103	0.024	0.189	0.090	0.141	0.059	0.055	0.072	NO
	Bottom	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.017	0.023	0.013	0.020	0.020	0.016	0.014	0.019	0.017	NO
NR Band 25 Ant4	Front	0.270	0.094	0.003	0.040	0.031	0.003	0.009	0.367	0.341	0.282	0.395	0.313	0.373	0.276	0.319	0.304	NO
	Back	0.750	0.205	0.048	0.402	0.334	0.045	0.041	1.003	1.486	0.836	1.289	1.200	0.996	0.843	1.193	1.129	NO
	Left	0.114	0.014	0.013	0.011	0.082	0.003	0.006	0.141	0.207	0.123	0.210	0.138	0.134	0.130	0.131	0.199	NO
	Right	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.061	0.063	0.038	0.061	0.063	0.069	0.030	0.071	0.030	NO
	Top	0.704	0.125	0.043	0.039	0.056	0.008	0.008	0.872	0.799	0.720	0.885	0.786	0.837	0.755	0.751	0.768	NO
	Bottom	0.012	0.004	0.004	0.007	0.007	0.001	0.003	0.020	0.026	0.016	0.023	0.023	0.019	0.017	0.022	0.020	NO
NR Band 30 Ant0	Front	0.162	0.094	0.003	0.040	0.031	0.003	0.009	0.259	0.233	0.174	0.287	0.205	0.265	0.168	0.211	0.196	NO
	Back	0.361	0.205	0.048	0.402	0.334	0.045	0.041	0.614	1.097	0.447	0.900	0.811	0.607	0.454	0.804	0.740	NO
	Left	0.026	0.014	0.013	0.011	0.082	0.003	0.006	0.053	0.119	0.035	0.122	0.050	0.046	0.042	0.043	0.111	NO
	Right	0.030	0.042	0.010	0.044	0.010	0.011	0.018	0.082	0.084	0.059	0.082	0.084	0.090	0.051	0.092	0.051	NO
	Top	0.004	0.125	0.043	0.039	0.056	0.008	0.008	0.172	0.099	0.020	0.185	0.086	0.137	0.055	0.051	0.068	NO
	Bottom	0.356	0.004	0.004	0.007	0.007	0.001	0.003	0.364	0.370	0.360	0.367	0.367	0.363	0.361	0.366	0.364	NO
NR Band 30 Ant1	Front	0.021	0.094	0.003	0.040	0.031	0.003	0.009	0.118	0.092	0.033	0.146	0.064	0.124	0.027	0.070	0.055	NO
	Back	0.094	0.205	0.048	0.402	0.334	0.045	0.041	0.347	0.830	0.180	0.633	0.544	0.340	0.187	0.537	0.473	NO
	Left	0.015	0.014	0.013	0.011	0.082	0.003	0.006	0.042	0.108	0.024	0.111	0.039	0.035	0.031	0.032	0.100	NO
	Right	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.061	0.063	0.038	0.061	0.063	0.069	0.030	0.071	0.030	NO
	Top	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.183	0.110	0.031	0.196	0.097	0.148	0.066	0.062	0.079	NO

	Bottom	0.004	0.004	0.004	0.007	0.007	0.001	0.003	0.012	0.018	0.008	0.015	0.015	0.011	0.009	0.014	0.012	NO
NR Band 41 Ant0	Front	0.333	0.094	0.003	0.040	0.031	0.003	0.009	0.430	0.404	0.345	0.458	0.376	0.436	0.339	0.382	0.367	NO
	Back	0.467	0.205	0.048	0.402	0.334	0.045	0.041	0.720	1.203	0.553	1.006	0.917	0.713	0.560	0.910	0.846	NO
	Left	0.031	0.014	0.013	0.011	0.082	0.003	0.006	0.058	0.124	0.040	0.127	0.055	0.051	0.047	0.048	0.116	NO
	Right	0.081	0.042	0.010	0.044	0.010	0.011	0.018	0.133	0.135	0.110	0.133	0.135	0.141	0.102	0.143	0.102	NO
	Top	0.003	0.125	0.043	0.039	0.056	0.008	0.008	0.171	0.098	0.019	0.184	0.085	0.136	0.054	0.050	0.067	NO
	Bottom	0.525	0.004	0.004	0.007	0.007	0.001	0.003	0.533	0.539	0.529	0.536	0.536	0.532	0.530	0.535	0.533	NO
NR Band 41 Ant1	Front	0.017	0.094	0.003	0.040	0.031	0.003	0.009	0.114	0.088	0.029	0.142	0.060	0.120	0.023	0.066	0.051	NO
	Back	0.051	0.205	0.048	0.402	0.334	0.045	0.041	0.304	0.787	0.137	0.590	0.501	0.297	0.144	0.494	0.430	NO
	Left	0.013	0.014	0.013	0.011	0.082	0.003	0.006	0.040	0.106	0.022	0.109	0.037	0.033	0.029	0.030	0.098	NO
	Right	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.061	0.063	0.038	0.061	0.063	0.069	0.030	0.071	0.030	NO
	Top	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.183	0.110	0.031	0.196	0.097	0.148	0.066	0.062	0.079	NO
	Bottom	0.011	0.004	0.004	0.007	0.007	0.001	0.003	0.019	0.025	0.015	0.022	0.022	0.018	0.016	0.021	0.019	NO
NR Band 41 Ant2	Front	0.070	0.094	0.003	0.040	0.031	0.003	0.009	0.167	0.141	0.082	0.195	0.113	0.173	0.076	0.119	0.104	NO
	Back	0.220	0.205	0.048	0.402	0.334	0.045	0.041	0.473	0.956	0.306	0.759	0.670	0.466	0.313	0.663	0.599	NO
	Left	0.006	0.014	0.013	0.011	0.082	0.003	0.006	0.033	0.099	0.015	0.102	0.030	0.026	0.022	0.023	0.091	NO
	Right	0.216	0.042	0.010	0.044	0.010	0.011	0.018	0.268	0.270	0.245	0.268	0.270	0.276	0.237	0.278	0.237	NO
	Top	0.013	0.125	0.043	0.039	0.056	0.008	0.008	0.181	0.108	0.029	0.194	0.095	0.146	0.064	0.060	0.077	NO
	Bottom	0.047	0.004	0.004	0.007	0.007	0.001	0.003	0.055	0.061	0.051	0.058	0.058	0.054	0.052	0.057	0.055	NO
NR Band 41 Ant3	Front	0.056	0.094	0.003	0.040	0.031	0.003	0.009	0.153	0.127	0.068	0.181	0.099	0.159	0.062	0.105	0.090	NO
	Back	0.244	0.205	0.048	0.402	0.334	0.045	0.041	0.497	0.980	0.330	0.783	0.694	0.490	0.337	0.687	0.623	NO
	Left	0.220	0.014	0.013	0.011	0.082	0.003	0.006	0.247	0.313	0.229	0.316	0.244	0.240	0.236	0.237	0.305	NO
	Right	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.061	0.063	0.038	0.061	0.063	0.069	0.030	0.071	0.030	NO
	Top	0.004	0.125	0.043	0.039	0.056	0.008	0.008	0.172	0.099	0.020	0.185	0.086	0.137	0.055	0.051	0.068	NO
	Bottom	0.004	0.004	0.004	0.007	0.007	0.001	0.003	0.012	0.018	0.008	0.015	0.015	0.011	0.009	0.014	0.012	NO
NR Band 66 Ant0	Front	0.126	0.094	0.003	0.040	0.031	0.003	0.009	0.223	0.197	0.138	0.251	0.169	0.229	0.132	0.175	0.160	NO
	Back	0.495	0.205	0.048	0.402	0.334	0.045	0.041	0.748	1.231	0.581	1.034	0.945	0.741	0.588	0.938	0.874	NO
	Left	0.010	0.014	0.013	0.011	0.082	0.003	0.006	0.037	0.103	0.019	0.106	0.034	0.030	0.026	0.027	0.095	NO
	Right	0.039	0.042	0.010	0.044	0.010	0.011	0.018	0.091	0.093	0.068	0.091	0.093	0.099	0.060	0.101	0.060	NO
	Top	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.174	0.101	0.022	0.187	0.088	0.139	0.057	0.053	0.070	NO
	Bottom	0.392	0.004	0.004	0.007	0.007	0.001	0.003	0.400	0.406	0.396	0.403	0.403	0.399	0.397	0.402	0.400	NO
NR Band 66 Ant4	Front	0.208	0.094	0.003	0.040	0.031	0.003	0.009	0.305	0.279	0.220	0.333	0.251	0.311	0.214	0.257	0.242	NO
	Back	0.490	0.205	0.048	0.402	0.334	0.045	0.041	0.743	1.226	0.576	1.029	0.940	0.736	0.583	0.933	0.869	NO
	Left	0.083	0.014	0.013	0.011	0.082	0.003	0.006	0.110	0.176	0.092	0.179	0.107	0.103	0.099	0.100	0.168	NO
	Right	0.003	0.042	0.010	0.044	0.010	0.011	0.018	0.055	0.057	0.032	0.055	0.057	0.063	0.024	0.065	0.024	NO
	Top	0.465	0.125	0.043	0.039	0.056	0.008	0.008	0.633	0.560	0.481	0.646	0.547	0.598	0.516	0.512	0.529	NO
	Bottom	0.008	0.004	0.004	0.007	0.007	0.001	0.003	0.016	0.022	0.012	0.019	0.019	0.015	0.013	0.018	0.016	NO
NR Band 71 Ant0	Front	0.114	0.094	0.003	0.040	0.031	0.003	0.009	0.211	0.185	0.126	0.239	0.157	0.217	0.120	0.163	0.148	NO
	Back	0.163	0.205	0.048	0.402	0.334	0.045	0.041	0.416	0.899	0.249	0.702	0.613	0.409	0.256	0.606	0.542	NO
	Left	0.118	0.014	0.013	0.011	0.082	0.003	0.006	0.145	0.211	0.127	0.214	0.142	0.138	0.134	0.135	0.203	NO
	Right	0.171	0.042	0.010	0.044	0.010	0.011	0.018	0.223	0.225	0.200	0.223	0.225	0.231	0.192	0.233	0.192	NO
	Top	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.183	0.110	0.031	0.196	0.097	0.148	0.066	0.062	0.079	NO
	Bottom	0.041	0.004	0.004	0.007	0.007	0.001	0.003	0.049	0.055	0.045	0.052	0.052	0.048	0.046	0.051	0.049	NO
NR Band 48 Ant1	Front	0.014	0.094	0.003	0.040	0.031	0.003	0.009	0.111	0.085	0.026	0.139	0.057	0.117	0.020	0.063	0.048	NO
	Back	0.271	0.205	0.048	0.402	0.334	0.045	0.041	0.524	1.007	0.357	0.810	0.721	0.517	0.364	0.714	0.650	NO
	Left	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.041	0.107	0.023	0.110	0.038	0.034	0.030	0.031	0.099	NO
	Right	0.198	0.042	0.010	0.044	0.010	0.011	0.018	0.250	0.252	0.227	0.250	0.252	0.258	0.219	0.260	0.219	NO
	Top	0.012	0.125	0.043	0.039	0.056	0.008	0.008	0.180	0.107	0.028	0.193	0.094	0.145	0.063	0.059	0.076	NO
	Bottom	0.015	0.004	0.004	0.007	0.007	0.001	0.003	0.023	0.029	0.019	0.026	0.026	0.022	0.020	0.025	0.023	NO

NR Band 77 Ant1	Front	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.104	0.078	0.019	0.132	0.050	0.110	0.013	0.056	0.041	NO
	Back	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.392	0.875	0.225	0.678	0.589	0.385	0.232	0.582	0.518	NO
	Left	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.036	0.102	0.018	0.105	0.033	0.029	0.025	0.026	0.094	NO
	Right	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.154	0.156	0.131	0.154	0.156	0.162	0.123	0.164	0.123	NO
	Top	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.179	0.106	0.027	0.192	0.093	0.144	0.062	0.058	0.075	NO
	Bottom	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.013	0.019	0.009	0.016	0.016	0.012	0.010	0.015	0.013	NO
NR Band 77 Ant2	Front	0.241	0.094	0.003	0.040	0.031	0.003	0.009	0.338	0.312	0.253	0.366	0.284	0.344	0.247	0.290	0.275	NO
	Back	0.779	0.205	0.048	0.402	0.334	0.045	0.041	1.032	1.515	0.865	1.318	1.229	1.025	0.872	1.222	1.158	NO
	Left	0.008	0.014	0.013	0.011	0.082	0.003	0.006	0.035	0.101	0.017	0.104	0.032	0.028	0.024	0.025	0.093	NO
	Right	0.622	0.042	0.010	0.044	0.010	0.011	0.018	0.674	0.676	0.651	0.674	0.676	0.682	0.643	0.684	0.643	NO
	Top	0.016	0.125	0.043	0.039	0.056	0.008	0.008	0.184	0.111	0.032	0.197	0.098	0.149	0.067	0.063	0.080	NO
	Bottom	0.187	0.004	0.004	0.007	0.007	0.001	0.003	0.195	0.201	0.191	0.198	0.198	0.194	0.192	0.197	0.195	NO
NR Band 77 Ant3	Front	0.129	0.094	0.003	0.040	0.031	0.003	0.009	0.226	0.200	0.141	0.254	0.172	0.232	0.135	0.178	0.163	NO
	Back	0.712	0.205	0.048	0.402	0.334	0.045	0.041	0.965	1.448	0.798	1.251	1.162	0.958	0.805	1.155	1.091	NO
	Left	0.745	0.014	0.013	0.011	0.082	0.003	0.006	0.772	0.838	0.754	0.841	0.769	0.765	0.761	0.762	0.830	NO
	Right	0.010	0.042	0.010	0.044	0.010	0.011	0.018	0.062	0.064	0.039	0.062	0.064	0.070	0.031	0.072	0.031	NO
	Top	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.179	0.106	0.027	0.192	0.093	0.144	0.062	0.058	0.075	NO
	Bottom	0.017	0.004	0.004	0.007	0.007	0.001	0.003	0.025	0.031	0.021	0.028	0.028	0.024	0.022	0.027	0.025	NO
NR Band 77 Ant4	Front	0.143	0.094	0.003	0.040	0.031	0.003	0.009	0.240	0.214	0.155	0.268	0.186	0.246	0.149	0.192	0.177	NO
	Back	0.833	0.205	0.048	0.402	0.334	0.045	0.041	1.086	**1.569**	0.919	1.372	1.283	1.079	0.926	1.276	1.212	NO
	Left	0.142	0.014	0.013	0.011	0.082	0.003	0.006	0.169	0.235	0.151	0.238	0.166	0.162	0.158	0.159	0.227	NO
	Right	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.061	0.063	0.038	0.061	0.063	0.069	0.030	0.071	0.030	NO
	Top	0.802	0.125	0.043	0.039	0.056	0.008	0.008	0.970	0.897	0.818	0.983	0.884	0.935	0.853	0.849	0.866	NO
	Bottom	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.017	0.023	0.013	0.020	0.020	0.016	0.014	0.019	0.017	NO

Simultaneous Transmission ENDC SAR Summation Scenario for Hotspot

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN2.4G Ant6 SAR (W/kg)	④MAX. WLAN2.4G Ant7 SAR (W/kg)	⑤MAX. WLAN5G Ant6 SAR (W/kg)	⑥MAX. WLAN5G Ant7 SAR (W/kg)	⑦ MAX. BT Ant6 SAR (W/kg)	⑧ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+④	Summed SAR ①+②+⑤+⑥	Summed SAR ①+②+⑦+⑧	Summed SAR ①+②+③+⑥	Summed SAR ①+②+④+⑤	Summed SAR ①+②+③+⑧	Summed SAR ①+②+④+⑦	Summed SAR ①+②+⑤+⑧	Summed SAR ①+②+⑥+⑦	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.043	0.076	0.094	0.003	0.040	0.031	0.003	0.009	0.216	0.190	0.131	0.244	0.162	0.222	0.125	0.168	0.153	NO
		Back	0.112	0.130	0.205	0.048	0.402	0.334	0.045	0.041	0.495	0.978	0.328	0.781	0.692	0.488	0.335	0.685	0.621	NO
		Left	0.006	0.065	0.014	0.013	0.011	0.082	0.003	0.006	0.098	0.164	0.080	0.167	0.095	0.091	0.087	0.088	0.156	NO
		Right	0.078	0.080	0.042	0.010	0.044	0.010	0.011	0.018	0.210	0.212	0.187	0.210	0.212	0.218	0.179	0.220	0.179	NO
		Top	0.014	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.193	0.120	0.041	0.206	0.107	0.158	0.076	0.072	0.089	NO
		Bottom	0.003	0.010	0.004	0.004	0.007	0.007	0.001	0.003	0.021	0.027	0.017	0.024	0.024	0.020	0.018	0.023	0.021	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Front	0.013	0.076	0.094	0.003	0.040	0.031	0.003	0.009	0.186	0.160	0.101	0.214	0.132	0.192	0.095	0.138	0.123	NO
		Back	0.059	0.130	0.205	0.048	0.402	0.334	0.045	0.041	0.442	0.925	0.275	0.728	0.639	0.435	0.282	0.632	0.568	NO
		Left	0.010	0.065	0.014	0.013	0.011	0.082	0.003	0.006	0.102	0.168	0.084	0.171	0.099	0.095	0.091	0.092	0.160	NO
		Right	0.005	0.080	0.042	0.010	0.044	0.010	0.011	0.018	0.137	0.139	0.114	0.137	0.139	0.145	0.106	0.147	0.106	NO
		Top	0.010	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.189	0.116	0.037	0.202	0.103	0.154	0.072	0.068	0.085	NO
		Bottom	0.003	0.010	0.004	0.004	0.007	0.007	0.001	0.003	0.021	0.027	0.017	0.024	0.024	0.020	0.018	0.023	0.021	NO
LTE Band 2 Ant4	NR Band 66 Ant0	Front	0.120	0.126	0.094	0.003	0.040	0.031	0.003	0.009	0.343	0.317	0.258	0.371	0.289	0.349	0.252	0.295	0.280	NO
		Back	0.343	0.495	0.205	0.048	0.402	0.334	0.045	0.041	1.091	1.574	0.924	1.377	1.288	1.084	0.931	1.281	1.217	NO
		Left	0.060	0.010	0.014	0.013	0.011	0.082	0.003	0.006	0.097	0.163	0.079	0.166	0.094	0.090	0.086	0.087	0.155	NO
		Right	0.002	0.039	0.042	0.010	0.044	0.010	0.011	0.018	0.093	0.095	0.070	0.093	0.095	0.101	0.062	0.103	0.062	NO
		Top	0.341	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.515	0.442	0.363	0.528	0.429	0.480	0.398	0.394	0.411	NO
		Bottom	0.005	0.392	0.004	0.004	0.007	0.007	0.001	0.003	0.405	0.411	0.401	0.408	0.408	0.404	0.402	0.407	0.405	NO
LTE Band	NR Band	Front	0.086	0.126	0.094	0.003	0.040	0.031	0.003	0.009	0.309	0.283	0.224	0.337	0.255	0.315	0.218	0.261	0.246	NO

30 Ant4	66 Ant0	Back	0.356	0.495	0.205	0.048	0.402	0.334	0.045	0.041	1.104	1.587	0.937	1.390	1.301	1.097	0.944	1.294	1.230	NO
		Left	0.051	0.010	0.014	0.013	0.011	0.082	0.003	0.006	0.088	0.154	0.070	0.157	0.085	0.081	0.077	0.078	0.146	NO
		Right	0.009	0.039	0.042	0.010	0.044	0.010	0.011	0.018	0.100	0.102	0.077	0.100	0.102	0.108	0.069	0.110	0.069	NO
		Top	0.268	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.442	0.369	0.290	0.455	0.356	0.407	0.325	0.321	0.338	NO
		Bottom	0.004	0.392	0.004	0.004	0.007	0.007	0.001	0.003	0.404	0.410	0.400	0.407	0.407	0.403	0.401	0.406	0.404	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Front	0.075	0.022	0.094	0.003	0.040	0.031	0.003	0.009	0.194	0.168	0.109	0.222	0.140	0.200	0.103	0.146	0.131	NO
		Back	0.136	0.055	0.205	0.048	0.402	0.334	0.045	0.041	0.444	0.927	0.277	0.730	0.641	0.437	0.284	0.634	0.570	NO
		Left	0.047	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.088	0.154	0.070	0.157	0.085	0.081	0.077	0.078	0.146	NO
		Right	0.080	0.004	0.042	0.010	0.044	0.010	0.011	0.018	0.136	0.138	0.113	0.136	0.138	0.144	0.105	0.146	0.105	NO
		Top	0.008	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.184	0.111	0.032	0.197	0.098	0.149	0.067	0.063	0.080	NO
		Bottom	0.020	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.037	0.043	0.033	0.040	0.040	0.036	0.034	0.039	0.037	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Front	0.096	0.022	0.094	0.003	0.040	0.031	0.003	0.009	0.215	0.189	0.130	0.243	0.161	0.221	0.124	0.167	0.152	NO
		Back	0.160	0.055	0.205	0.048	0.402	0.334	0.045	0.041	0.468	0.951	0.301	0.754	0.665	0.461	0.308	0.658	0.594	NO
		Left	0.091	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.132	0.198	0.114	0.201	0.129	0.125	0.121	0.122	0.190	NO
		Right	0.127	0.004	0.042	0.010	0.044	0.010	0.011	0.018	0.183	0.185	0.160	0.183	0.185	0.191	0.152	0.193	0.152	NO
		Top	0.008	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.184	0.111	0.032	0.197	0.098	0.149	0.067	0.063	0.080	NO
		Bottom	0.018	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.035	0.041	0.031	0.038	0.038	0.034	0.032	0.037	0.035	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Front	0.086	0.123	0.094	0.003	0.040	0.031	0.003	0.009	0.306	0.280	0.221	0.334	0.252	0.312	0.215	0.258	0.243	NO
		Back	0.356	0.392	0.205	0.048	0.402	0.334	0.045	0.041	1.001	1.484	0.834	1.287	1.198	0.994	0.841	1.191	1.127	NO
		Left	0.051	0.013	0.014	0.013	0.011	0.082	0.003	0.006	0.091	0.157	0.073	0.160	0.088	0.084	0.080	0.081	0.149	NO
		Right	0.009	0.060	0.042	0.010	0.044	0.010	0.011	0.018	0.121	0.123	0.098	0.121	0.123	0.129	0.090	0.131	0.090	NO
		Top	0.268	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.442	0.369	0.290	0.455	0.356	0.407	0.325	0.321	0.338	NO
		Bottom	0.004	0.342	0.004	0.004	0.007	0.007	0.001	0.003	0.354	0.360	0.350	0.357	0.357	0.353	0.351	0.356	0.354	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Front	0.118	0.123	0.094	0.003	0.040	0.031	0.003	0.009	0.338	0.312	0.253	0.366	0.284	0.344	0.247	0.290	0.275	NO
		Back	0.385	0.392	0.205	0.048	0.402	0.334	0.045	0.041	1.030	1.513	0.863	1.316	1.227	1.023	0.870	1.220	1.156	NO
		Left	0.067	0.013	0.014	0.013	0.011	0.082	0.003	0.006	0.107	0.173	0.089	0.176	0.104	0.100	0.096	0.097	0.165	NO
		Right	0.007	0.060	0.042	0.010	0.044	0.010	0.011	0.018	0.119	0.121	0.096	0.119	0.121	0.127	0.088	0.129	0.088	NO
		Top	0.371	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.545	0.472	0.393	0.558	0.459	0.510	0.428	0.424	0.441	NO
		Bottom	0.003	0.342	0.004	0.004	0.007	0.007	0.001	0.003	0.353	0.359	0.349	0.356	0.356	0.352	0.350	0.355	0.353	NO
LTE Band 2 Ant4	NR Band 30 Ant0	Front	0.120	0.162	0.094	0.003	0.040	0.031	0.003	0.009	0.379	0.353	0.294	0.407	0.325	0.385	0.288	0.331	0.316	NO
		Back	0.343	0.361	0.205	0.048	0.402	0.334	0.045	0.041	0.957	1.440	0.790	1.243	1.154	0.950	0.797	1.147	1.083	NO
		Left	0.060	0.026	0.014	0.013	0.011	0.082	0.003	0.006	0.113	0.179	0.095	0.182	0.110	0.106	0.102	0.103	0.171	NO
		Right	0.002	0.030	0.042	0.010	0.044	0.010	0.011	0.018	0.084	0.086	0.061	0.084	0.086	0.092	0.053	0.094	0.053	NO
		Top	0.341	0.004	0.125	0.043	0.039	0.056	0.008	0.008	0.513	0.440	0.361	0.526	0.427	0.478	0.396	0.392	0.409	NO
		Bottom	0.005	0.356	0.004	0.004	0.007	0.007	0.001	0.003	0.369	0.375	0.365	0.372	0.372	0.368	0.366	0.371	0.369	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Front	0.075	0.021	0.094	0.003	0.040	0.031	0.003	0.009	0.193	0.167	0.108	0.221	0.139	0.199	0.102	0.145	0.130	NO
		Back	0.136	0.094	0.205	0.048	0.402	0.334	0.045	0.041	0.483	0.966	0.316	0.769	0.680	0.476	0.323	0.673	0.609	NO
		Left	0.047	0.015	0.014	0.013	0.011	0.082	0.003	0.006	0.089	0.155	0.071	0.158	0.086	0.082	0.078	0.079	0.147	NO
		Right	0.080	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.141	0.143	0.118	0.141	0.143	0.149	0.110	0.151	0.110	NO
		Top	0.008	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.191	0.118	0.039	0.204	0.105	0.156	0.074	0.070	0.087	NO
		Bottom	0.020	0.004	0.004	0.004	0.007	0.007	0.001	0.003	0.032	0.038	0.028	0.035	0.035	0.031	0.029	0.034	0.032	NO
LTE Band 12 Ant0	NR Band 30 Ant1	Front	0.096	0.021	0.094	0.003	0.040	0.031	0.003	0.009	0.214	0.188	0.129	0.242	0.160	0.220	0.123	0.166	0.151	NO
		Back	0.160	0.094	0.205	0.048	0.402	0.334	0.045	0.041	0.507	0.990	0.340	0.793	0.704	0.500	0.347	0.697	0.633	NO
		Left	0.091	0.015	0.014	0.013	0.011	0.082	0.003	0.006	0.133	0.199	0.115	0.202	0.130	0.126	0.122	0.123	0.191	NO
		Right	0.127	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.188	0.190	0.165	0.188	0.190	0.196	0.157	0.198	0.157	NO
		Top	0.008	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.191	0.118	0.039	0.204	0.105	0.156	0.074	0.070	0.087	NO
		Bottom	0.018	0.004	0.004	0.004	0.007	0.007	0.001	0.003	0.030	0.036	0.026	0.033	0.033	0.029	0.027	0.032	0.030	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Front	0.087	0.021	0.094	0.003	0.040	0.031	0.003	0.009	0.205	0.179	0.120	0.233	0.151	0.211	0.114	0.157	0.142	NO
		Back	0.141	0.094	0.205	0.048	0.402	0.334	0.045	0.041	0.488	0.971	0.321	0.774	0.685	0.481	0.328	0.678	0.614	NO

		Left	0.060	0.015	0.014	0.013	0.011	0.082	0.003	0.006	0.102	0.168	0.084	0.171	0.099	0.095	0.091	0.092	0.160	NO
		Right	0.096	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.157	0.159	0.134	0.157	0.159	0.165	0.126	0.167	0.126	NO
		Top	0.010	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.193	0.120	0.041	0.206	0.107	0.158	0.076	0.072	0.089	NO
		Bottom	0.034	0.004	0.004	0.004	0.007	0.007	0.001	0.003	0.046	0.052	0.042	0.049	0.049	0.045	0.043	0.048	0.046	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Front	0.118	0.162	0.094	0.003	0.040	0.031	0.003	0.009	0.377	0.351	0.292	0.405	0.323	0.383	0.286	0.329	0.314	NO
		Back	0.385	0.361	0.205	0.048	0.402	0.334	0.045	0.041	0.999	1.482	0.832	1.285	1.196	0.992	0.839	1.189	1.125	NO
		Left	0.067	0.026	0.014	0.013	0.011	0.082	0.003	0.006	0.120	0.186	0.102	0.189	0.117	0.113	0.109	0.110	0.178	NO
		Right	0.007	0.030	0.042	0.010	0.044	0.010	0.011	0.018	0.089	0.091	0.066	0.089	0.091	0.097	0.058	0.099	0.058	NO
		Top	0.371	0.004	0.125	0.043	0.039	0.056	0.008	0.008	0.543	0.470	0.391	0.556	0.457	0.508	0.426	0.422	0.439	NO
		Bottom	0.003	0.356	0.004	0.004	0.007	0.007	0.001	0.003	0.367	0.373	0.363	0.370	0.370	0.366	0.364	0.369	0.367	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Front	0.120	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.224	0.198	0.139	0.252	0.170	0.230	0.133	0.176	0.161	NO
		Back	0.343	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.735	1.218	0.568	1.021	0.932	0.728	0.575	0.925	0.861	NO
		Left	0.060	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.096	0.162	0.078	0.165	0.093	0.089	0.085	0.086	0.154	NO
		Right	0.002	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.156	0.158	0.133	0.156	0.158	0.164	0.125	0.166	0.125	NO
		Top	0.341	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.520	0.447	0.368	0.533	0.434	0.485	0.403	0.399	0.416	NO
		Bottom	0.005	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.018	0.024	0.014	0.021	0.021	0.017	0.015	0.020	0.018	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Front	0.118	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.222	0.196	0.137	0.250	0.168	0.228	0.131	0.174	0.159	NO
		Back	0.385	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.777	1.260	0.610	1.063	0.974	0.770	0.617	0.967	0.903	NO
		Left	0.067	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.103	0.169	0.085	0.172	0.100	0.096	0.092	0.093	0.161	NO
		Right	0.007	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.161	0.163	0.138	0.161	0.163	0.169	0.130	0.171	0.130	NO
		Top	0.371	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.550	0.477	0.398	0.563	0.464	0.515	0.433	0.429	0.446	NO
		Bottom	0.003	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.016	0.022	0.012	0.019	0.019	0.015	0.013	0.018	0.016	NO
LTE Band 12 Ant0	NR Band 77 Ant1	Front	0.096	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.200	0.174	0.115	0.228	0.146	0.206	0.109	0.152	0.137	NO
		Back	0.160	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.552	1.035	0.385	0.838	0.749	0.545	0.392	0.742	0.678	NO
		Left	0.091	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.127	0.193	0.109	0.196	0.124	0.120	0.116	0.117	0.185	NO
		Right	0.127	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.281	0.283	0.258	0.281	0.283	0.289	0.250	0.291	0.250	NO
		Top	0.008	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.187	0.114	0.035	0.200	0.101	0.152	0.070	0.066	0.083	NO
		Bottom	0.018	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.031	0.037	0.027	0.034	0.034	0.030	0.028	0.033	0.031	NO
LTE Band 14 Ant0	NR Band 77 Ant1	Front	0.087	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.191	0.165	0.106	0.219	0.137	0.197	0.100	0.143	0.128	NO
		Back	0.141	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.533	1.016	0.366	0.819	0.730	0.526	0.373	0.723	0.659	NO
		Left	0.060	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.096	0.162	0.078	0.165	0.093	0.089	0.085	0.086	0.154	NO
		Right	0.096	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.250	0.252	0.227	0.250	0.252	0.258	0.219	0.260	0.219	NO
		Top	0.010	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.189	0.116	0.037	0.202	0.103	0.154	0.072	0.068	0.085	NO
		Bottom	0.034	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.047	0.053	0.043	0.050	0.050	0.046	0.044	0.049	0.047	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Front	0.087	0.022	0.094	0.003	0.040	0.031	0.003	0.009	0.206	0.180	0.121	0.234	0.152	0.212	0.115	0.158	0.143	NO
		Back	0.141	0.055	0.205	0.048	0.402	0.334	0.045	0.041	0.449	0.932	0.282	0.735	0.646	0.442	0.289	0.639	0.575	NO
		Left	0.060	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.101	0.167	0.083	0.170	0.098	0.094	0.090	0.091	0.159	NO
		Right	0.096	0.004	0.042	0.010	0.044	0.010	0.011	0.018	0.152	0.154	0.129	0.152	0.154	0.160	0.121	0.162	0.121	NO
		Top	0.010	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.186	0.113	0.034	0.199	0.100	0.151	0.069	0.065	0.082	NO
		Bottom	0.034	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.051	0.057	0.047	0.054	0.054	0.050	0.048	0.053	0.051	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Front	0.043	0.114	0.094	0.003	0.040	0.031	0.003	0.009	0.254	0.228	0.169	0.282	0.200	0.260	0.163	0.206	0.191	NO
		Back	0.112	0.163	0.205	0.048	0.402	0.334	0.045	0.041	0.528	1.011	0.361	0.814	0.725	0.521	0.368	0.718	0.654	NO
		Left	0.006	0.118	0.014	0.013	0.011	0.082	0.003	0.006	0.151	0.217	0.133	0.220	0.148	0.144	0.140	0.141	0.209	NO
		Right	0.078	0.171	0.042	0.010	0.044	0.010	0.011	0.018	0.301	0.303	0.278	0.301	0.303	0.309	0.270	0.311	0.270	NO
		Top	0.014	0.015	0.125	0.043	0.039	0.056	0.008	0.008	0.197	0.124	0.045	0.210	0.111	0.162	0.080	0.076	0.093	NO
		Bottom	0.003	0.041	0.004	0.004	0.007	0.007	0.001	0.003	0.052	0.058	0.048	0.055	0.055	0.051	0.049	0.054	0.052	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Front	0.120	0.333	0.094	0.003	0.040	0.031	0.003	0.009	0.550	0.524	0.465	0.578	0.496	0.556	0.459	0.502	0.487	NO
		Back	0.343	0.467	0.205	0.048	0.402	0.334	0.045	0.041	1.063	1.546	0.896	1.349	1.260	1.056	0.903	1.253	1.189	NO
		Left	0.060	0.031	0.014	0.013	0.011	0.082	0.003	0.006	0.118	0.184	0.100	0.187	0.115	0.111	0.107	0.108	0.176	NO

		Right	0.002	0.081	0.042	0.010	0.044	0.010	0.011	0.018	0.135	0.137	0.112	0.135	0.137	0.143	0.104	0.145	0.104	NO
		Top	0.341	0.003	0.125	0.043	0.039	0.056	0.008	0.008	0.512	0.439	0.360	0.525	0.426	0.477	0.395	0.391	0.408	NO
		Bottom	0.005	0.525	0.004	0.004	0.007	0.007	0.001	0.003	0.538	0.544	0.534	0.541	0.541	0.537	0.535	0.540	0.538	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Front	0.096	0.022	0.094	0.003	0.040	0.031	0.003	0.009	0.215	0.189	0.130	0.243	0.161	0.221	0.124	0.167	0.152	NO
		Back	0.160	0.055	0.205	0.048	0.402	0.334	0.045	0.041	0.468	0.951	0.301	0.754	0.665	0.461	0.308	0.658	0.594	NO
		Left	0.091	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.132	0.198	0.114	0.201	0.129	0.125	0.121	0.122	0.190	NO
		Right	0.127	0.004	0.042	0.010	0.044	0.010	0.011	0.018	0.183	0.185	0.160	0.183	0.185	0.191	0.152	0.193	0.152	NO
		Top	0.008	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.184	0.111	0.032	0.197	0.098	0.149	0.067	0.063	0.080	NO
		Bottom	0.018	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.035	0.041	0.031	0.038	0.038	0.034	0.032	0.037	0.035	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Front	0.118	0.123	0.094	0.003	0.040	0.031	0.003	0.009	0.338	0.312	0.253	0.366	0.284	0.344	0.247	0.290	0.275	NO
		Back	0.385	0.392	0.205	0.048	0.402	0.334	0.045	0.041	1.030	1.513	0.863	1.316	1.227	1.023	0.870	1.220	1.156	NO
		Left	0.067	0.013	0.014	0.013	0.011	0.082	0.003	0.006	0.107	0.173	0.089	0.176	0.104	0.100	0.096	0.097	0.165	NO
		Right	0.007	0.060	0.042	0.010	0.044	0.010	0.011	0.018	0.119	0.121	0.096	0.119	0.121	0.127	0.088	0.129	0.088	NO
		Top	0.371	0.006	0.125	0.043	0.039	0.056	0.008	0.008	0.545	0.472	0.393	0.558	0.459	0.510	0.428	0.424	0.441	NO
		Bottom	0.003	0.342	0.004	0.004	0.007	0.007	0.001	0.003	0.353	0.359	0.349	0.356	0.356	0.352	0.350	0.355	0.353	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Front	0.118	0.333	0.094	0.003	0.040	0.031	0.003	0.009	0.548	0.522	0.463	0.576	0.494	0.554	0.457	0.500	0.485	NO
		Back	0.385	0.467	0.205	0.048	0.402	0.334	0.045	0.041	1.105	**1.588**	0.938	1.391	1.302	1.098	0.945	1.295	1.231	NO
		Left	0.067	0.031	0.014	0.013	0.011	0.082	0.003	0.006	0.125	0.191	0.107	0.194	0.122	0.118	0.114	0.115	0.183	NO
		Right	0.007	0.081	0.042	0.010	0.044	0.010	0.011	0.018	0.140	0.142	0.117	0.140	0.142	0.148	0.109	0.150	0.109	NO
		Top	0.371	0.003	0.125	0.043	0.039	0.056	0.008	0.008	0.542	0.469	0.390	0.555	0.456	0.507	0.425	0.421	0.438	NO
		Bottom	0.003	0.525	0.004	0.004	0.007	0.007	0.001	0.003	0.536	0.542	0.532	0.539	0.539	0.535	0.533	0.538	0.536	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Front	0.120	0.014	0.094	0.003	0.040	0.031	0.003	0.009	0.231	0.205	0.146	0.259	0.177	0.237	0.140	0.183	0.168	NO
		Back	0.343	0.271	0.205	0.048	0.402	0.334	0.045	0.041	0.867	1.350	0.700	1.153	1.064	0.860	0.707	1.057	0.993	NO
		Left	0.060	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.101	0.167	0.083	0.170	0.098	0.094	0.090	0.091	0.159	NO
		Right	0.002	0.198	0.042	0.010	0.044	0.010	0.011	0.018	0.252	0.254	0.229	0.252	0.254	0.260	0.221	0.262	0.221	NO
		Top	0.341	0.012	0.125	0.043	0.039	0.056	0.008	0.008	0.521	0.448	0.369	0.534	0.435	0.486	0.404	0.400	0.417	NO
		Bottom	0.005	0.015	0.004	0.004	0.007	0.007	0.001	0.003	0.028	0.034	0.024	0.031	0.031	0.027	0.025	0.030	0.028	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Front	0.118	0.014	0.094	0.003	0.040	0.031	0.003	0.009	0.229	0.203	0.144	0.257	0.175	0.235	0.138	0.181	0.166	NO
		Back	0.385	0.271	0.205	0.048	0.402	0.334	0.045	0.041	0.909	1.392	0.742	1.195	1.106	0.902	0.749	1.099	1.035	NO
		Left	0.067	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.108	0.174	0.090	0.177	0.105	0.101	0.097	0.098	0.166	NO
		Right	0.007	0.198	0.042	0.010	0.044	0.010	0.011	0.018	0.257	0.259	0.234	0.257	0.259	0.265	0.226	0.267	0.226	NO
		Top	0.371	0.012	0.125	0.043	0.039	0.056	0.008	0.008	0.551	0.478	0.399	0.564	0.465	0.516	0.434	0.430	0.447	NO
		Bottom	0.003	0.015	0.004	0.004	0.007	0.007	0.001	0.003	0.026	0.032	0.022	0.029	0.029	0.025	0.023	0.028	0.026	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Front	0.002	0.208	0.094	0.003	0.040	0.031	0.003	0.009	0.307	0.281	0.222	0.335	0.253	0.313	0.216	0.259	0.244	NO
		Back	0.038	0.490	0.205	0.048	0.402	0.334	0.045	0.041	0.781	1.264	0.614	1.067	0.978	0.774	0.621	0.971	0.907	NO
		Left	0.003	0.083	0.014	0.013	0.011	0.082	0.003	0.006	0.113	0.179	0.095	0.182	0.110	0.106	0.102	0.103	0.171	NO
		Right	0.022	0.003	0.042	0.010	0.044	0.010	0.011	0.018	0.077	0.079	0.054	0.077	0.079	0.085	0.046	0.087	0.046	NO
		Top	0.015	0.465	0.125	0.043	0.039	0.056	0.008	0.008	0.648	0.575	0.496	0.661	0.562	0.613	0.531	0.527	0.544	NO
		Bottom	0.007	0.008	0.004	0.004	0.007	0.007	0.001	0.003	0.023	0.029	0.019	0.026	0.026	0.022	0.020	0.025	0.023	NO
LTE Band 48 Ant1	NR Band 25 Ant4	Front	0.002	0.270	0.094	0.003	0.040	0.031	0.003	0.009	0.369	0.343	0.284	0.397	0.315	0.375	0.278	0.321	0.306	NO
		Back	0.038	0.750	0.205	0.048	0.402	0.334	0.045	0.041	1.041	1.524	0.874	1.327	1.238	1.034	0.881	1.231	1.167	NO
		Left	0.003	0.114	0.014	0.013	0.011	0.082	0.003	0.006	0.144	0.210	0.126	0.213	0.141	0.137	0.133	0.134	0.202	NO
		Right	0.022	0.009	0.042	0.010	0.044	0.010	0.011	0.018	0.083	0.085	0.060	0.083	0.085	0.091	0.052	0.093	0.052	NO
		Top	0.015	0.704	0.125	0.043	0.039	0.056	0.008	0.008	0.887	0.814	0.735	0.900	0.801	0.852	0.770	0.766	0.783	NO
		Bottom	0.007	0.012	0.004	0.004	0.007	0.007	0.001	0.003	0.027	0.033	0.023	0.030	0.030	0.026	0.024	0.029	0.027	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Front	0.092	0.022	0.094	0.003	0.040	0.031	0.003	0.009	0.211	0.185	0.126	0.239	0.157	0.217	0.120	0.163	0.148	NO
		Back	0.145	0.055	0.205	0.048	0.402	0.334	0.045	0.041	0.453	0.936	0.286	0.739	0.650	0.446	0.293	0.643	0.579	NO
		Left	0.063	0.014	0.014	0.013	0.011	0.082	0.003	0.006	0.104	0.170	0.086	0.173	0.101	0.097	0.093	0.094	0.162	NO
		Right	0.099	0.004	0.042	0.010	0.044	0.010	0.011	0.018	0.155	0.157	0.132	0.155	0.157	0.163	0.124	0.165	0.124	NO

		Top	0.016	0.008	0.125	0.043	0.039	0.056	0.008	0.008	0.192	0.119	0.040	0.205	0.106	0.157	0.075	0.071	0.088	NO
		Bottom	0.012	0.009	0.004	0.004	0.007	0.007	0.001	0.003	0.029	0.035	0.025	0.032	0.032	0.028	0.026	0.031	0.029	NO
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.043	0.076	0.094	0.003	0.040	0.031	0.003	0.009	0.216	0.190	0.131	0.244	0.162	0.222	0.125	0.168	0.153	NO
		Back	0.112	0.130	0.205	0.048	0.402	0.334	0.045	0.041	0.495	0.978	0.328	0.781	0.692	0.488	0.335	0.685	0.621	NO
		Left	0.006	0.065	0.014	0.013	0.011	0.082	0.003	0.006	0.098	0.164	0.080	0.167	0.095	0.091	0.087	0.088	0.156	NO
		Right	0.078	0.080	0.042	0.010	0.044	0.010	0.011	0.018	0.210	0.212	0.187	0.210	0.212	0.218	0.179	0.220	0.179	NO
		Top	0.014	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.193	0.120	0.041	0.206	0.107	0.158	0.076	0.072	0.089	NO
		Bottom	0.003	0.010	0.004	0.004	0.007	0.007	0.001	0.003	0.021	0.027	0.017	0.024	0.024	0.020	0.018	0.023	0.021	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Front	0.002	0.076	0.094	0.003	0.040	0.031	0.003	0.009	0.175	0.149	0.090	0.203	0.121	0.181	0.084	0.127	0.112	NO
		Back	0.038	0.130	0.205	0.048	0.402	0.334	0.045	0.041	0.421	0.904	0.254	0.707	0.618	0.414	0.261	0.611	0.547	NO
		Left	0.003	0.065	0.014	0.013	0.011	0.082	0.003	0.006	0.095	0.161	0.077	0.164	0.092	0.088	0.084	0.085	0.153	NO
		Right	0.022	0.080	0.042	0.010	0.044	0.010	0.011	0.018	0.154	0.156	0.131	0.154	0.156	0.162	0.123	0.164	0.123	NO
		Top	0.015	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.194	0.121	0.042	0.207	0.108	0.159	0.077	0.073	0.090	NO
		Bottom	0.007	0.010	0.004	0.004	0.007	0.007	0.001	0.003	0.025	0.031	0.021	0.028	0.028	0.024	0.022	0.027	0.025	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Front	0.092	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.196	0.170	0.111	0.224	0.142	0.202	0.105	0.148	0.133	NO
		Back	0.145	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.537	1.020	0.370	0.823	0.734	0.530	0.377	0.727	0.663	NO
		Left	0.063	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.099	0.165	0.081	0.168	0.096	0.092	0.088	0.089	0.157	NO
		Right	0.099	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.253	0.255	0.230	0.253	0.255	0.261	0.222	0.263	0.222	NO
		Top	0.016	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.195	0.122	0.043	0.208	0.109	0.160	0.078	0.074	0.091	NO
		Bottom	0.012	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.025	0.031	0.021	0.028	0.028	0.024	0.022	0.027	0.025	NO
LTE Band 5 Ant0	NR Band 77 Ant1	Front	0.075	0.007	0.094	0.003	0.040	0.031	0.003	0.009	0.179	0.153	0.094	0.207	0.125	0.185	0.088	0.131	0.116	NO
		Back	0.136	0.139	0.205	0.048	0.402	0.334	0.045	0.041	0.528	1.011	0.361	0.814	0.725	0.521	0.368	0.718	0.654	NO
		Left	0.047	0.009	0.014	0.013	0.011	0.082	0.003	0.006	0.083	0.149	0.065	0.152	0.080	0.076	0.072	0.073	0.141	NO
		Right	0.080	0.102	0.042	0.010	0.044	0.010	0.011	0.018	0.234	0.236	0.211	0.234	0.236	0.242	0.203	0.244	0.203	NO
		Top	0.008	0.011	0.125	0.043	0.039	0.056	0.008	0.008	0.187	0.114	0.035	0.200	0.101	0.152	0.070	0.066	0.083	NO
		Bottom	0.020	0.005	0.004	0.004	0.007	0.007	0.001	0.003	0.033	0.039	0.029	0.036	0.036	0.032	0.030	0.035	0.033	NO

Simultaneous Transmission SAR Summation Scenario for Extremity

WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	②MAX. WLAN2.4G Ant6 SAR (W/kg)	③MAX. WLAN2.4G Ant7 SAR (W/kg)	④MAX. WLAN5G Ant6 SAR (W/kg)	⑤MAX. WLAN5G Ant7 SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③	Summed SAR ①+④+⑤	Summed SAR ①+⑥+⑦	Summed SAR ①+②+⑤	Summed SAR ①+③+④	Summed SAR ①+②+⑦	Summed SAR ①+③+⑥	Summed SAR ①+④+⑦	Summed SAR ①+⑤+⑥	Volume scan
GSM1900 Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.220	0.000	0.000	0.550	0.592	0.000	0.000	2.220	3.362	2.220	2.812	2.770	2.220	2.220	2.770	2.812	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	2.012	0.000	0.000	0.011	0.004	0.000	0.000	2.012	2.027	2.012	2.016	2.023	2.012	2.012	2.023	2.016	NO
WCDMA Band II Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.473	0.000	0.000	0.550	0.592	0.000	0.000	2.473	3.615	2.473	3.065	3.023	2.473	2.473	3.023	3.065	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	1.855	0.000	0.000	0.011	0.004	0.000	0.000	1.855	1.870	1.855	1.859	1.866	1.855	1.855	1.866	1.859	NO
LTE Band 25 Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.324	0.000	0.000	0.550	0.592	0.000	0.000	2.324	3.466	2.324	2.916	2.874	2.324	2.324	2.874	2.916	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO

	Bottom	2.189	0.000	0.000	0.011	0.004	0.000	0.000	2.189	2.204	2.189	2.193	2.200	2.189	2.189	2.200	2.193	NO
LTE Band 66 Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.569	0.000	0.000	0.550	0.592	0.000	0.000	2.569	3.711	2.569	3.161	3.119	2.569	2.569	3.119	3.161	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	2.345	0.000	0.000	0.011	0.004	0.000	0.000	2.345	2.360	2.345	2.349	2.356	2.345	2.345	2.356	2.349	NO
NR Band 25 Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.304	0.000	0.000	0.550	0.592	0.000	0.000	2.304	3.446	2.304	2.896	2.854	2.304	2.304	2.854	2.896	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	2.210	0.000	0.000	0.011	0.004	0.000	0.000	2.210	2.225	2.210	2.214	2.221	2.210	2.210	2.221	2.214	NO
NR Band 41 Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.510	0.000	0.000	0.550	0.592	0.000	0.000	2.510	3.652	2.510	3.102	3.060	2.510	2.510	3.060	3.102	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	1.425	0.000	0.000	0.011	0.004	0.000	0.000	1.425	1.440	1.425	1.429	1.436	1.425	1.425	1.436	1.429	NO
NR Band 66 Ant0	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.673	0.000	0.000	0.550	0.592	0.000	0.000	2.673	**3.815**	2.673	3.265	3.223	2.673	2.673	3.223	3.265	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	2.229	0.000	0.000	0.011	0.004	0.000	0.000	2.229	2.244	2.229	2.233	2.240	2.229	2.229	2.240	2.233	NO
NR Band 77 Ant4	Front	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
	Back	2.646	0.000	0.000	0.550	0.592	0.000	0.000	2.646	3.788	2.646	3.238	3.196	2.646	2.646	3.196	3.238	NO
	Left	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
	Right	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
	Top	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
	Bottom	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO

Simultaneous Transmission ENDC SAR Summation Scenario for Extremity

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN2.4G Ant6 SAR (W/kg)	④MAX. WLAN2.4G Ant7 SAR (W/kg)	⑤MAX. WLAN5G Ant6 SAR (W/kg)	⑥MAX. WLAN5G Ant7 SAR (W/kg)	⑦ MAX. BT Ant6 SAR (W/kg)	⑧ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+④	Summed SAR ①+②+⑤+⑥	Summed SAR ①+②+⑦+⑧	Summed SAR ①+②+③+⑥	Summed SAR ①+②+④+⑤	Summed SAR ①+②+③+⑧	Summed SAR ①+②+④+⑦	Summed SAR ①+②+⑤+⑧	Summed SAR ①+②+⑥+⑦	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO

LTE Band 2 Ant4	NR Band 66 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 30 Ant4	NR Band 66 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 2 Ant4	NR Band 30 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band	NR Band	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO

12 Ant0	30 Ant1	Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 12 Ant0	NR Band 77 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 14 Ant0	NR Band 77 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO

		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 48 Ant1	NR Band 25 Ant4	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO

		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO
LTE Band 5 Ant0	NR Band 77 Ant1	Front	0.000	0.000	0.000	0.000	0.057	0.051	0.000	0.000	0.000	0.108	0.000	0.051	0.057	0.000	0.000	0.057	0.051	NO
		Back	0.000	0.000	0.000	0.000	0.550	0.592	0.000	0.000	0.000	**1.142**	0.000	0.592	0.550	0.000	0.000	0.550	0.592	NO
		Left	0.000	0.000	0.000	0.000	0.015	0.100	0.000	0.000	0.000	0.115	0.000	0.100	0.015	0.000	0.000	0.015	0.100	NO
		Right	0.000	0.000	0.000	0.000	0.062	0.007	0.000	0.000	0.000	0.069	0.000	0.007	0.062	0.000	0.000	0.062	0.007	NO
		Top	0.000	0.000	0.000	0.000	0.056	0.092	0.000	0.000	0.000	0.148	0.000	0.092	0.056	0.000	0.000	0.056	0.092	NO
		Bottom	0.000	0.000	0.000	0.000	0.011	0.004	0.000	0.000	0.000	0.015	0.000	0.004	0.011	0.000	0.000	0.011	0.004	NO

WIFI 6E:

WWAN Band	Exposure position	①MAX. WWAN SAR (W/kg)	②MAX. WLAN6E Ant6 SAR (W/kg)	③MAX. WLAN6E Ant7 SAR (W/kg)	④MAX. WLAN6E MIMO SAR (W/kg)	⑤ MAX. BT Ant6 SAR (W/kg)	⑥ MAX. BT Ant7 SAR (W/kg)	①+④	①+②+⑥	①+③+⑤	Volume scan
GSM850 Ant0	Left Touch	0.122	0.108	0.026	0.030	0.020	0.021	0.152	0.251	0.168	NO
	Left Tilt	0.082	0.163	0.023	0.042	0.010	0.010	0.124	0.255	0.115	NO
	Right Touch	0.127	0.035	0.028	0.033	0.048	0.041	0.160	0.203	0.203	NO
	Right Tilt	0.076	0.033	0.020	0.019	0.020	0.021	0.095	0.130	0.116	NO
GSM1900 Ant0	Left Touch	0.131	0.108	0.026	0.030	0.020	0.021	0.161	0.260	0.177	NO
	Left Tilt	0.125	0.163	0.023	0.042	0.010	0.010	0.167	0.298	0.158	NO
	Right Touch	0.172	0.035	0.028	0.033	0.048	0.041	0.205	0.248	0.248	NO
	Right Tilt	0.110	0.033	0.020	0.019	0.020	0.021	0.129	0.164	0.150	NO
WCDMA Band II Ant0	Left Touch	0.162	0.108	0.026	0.030	0.020	0.021	0.192	0.291	0.208	NO
	Left Tilt	0.154	0.163	0.023	0.042	0.010	0.010	0.196	0.327	0.187	NO
	Right Touch	0.208	0.035	0.028	0.033	0.048	0.041	0.241	0.284	0.284	NO
	Right Tilt	0.133	0.033	0.020	0.019	0.020	0.021	0.152	0.187	0.173	NO
WCDMA Band IV Ant0	Left Touch	0.013	0.108	0.026	0.030	0.020	0.021	0.043	0.142	0.059	NO
	Left Tilt	0.010	0.163	0.023	0.042	0.010	0.010	0.052	0.183	0.043	NO
	Right Touch	0.061	0.035	0.028	0.033	0.048	0.041	0.094	0.137	0.137	NO
	Right Tilt	0.017	0.033	0.020	0.019	0.020	0.021	0.036	0.071	0.057	NO
WCDMA Band V Ant0	Left Touch	0.133	0.108	0.026	0.030	0.020	0.021	0.163	0.262	0.179	NO
	Left Tilt	0.078	0.163	0.023	0.042	0.010	0.010	0.120	0.251	0.111	NO
	Right Touch	0.130	0.035	0.028	0.033	0.048	0.041	0.163	0.206	0.206	NO
	Right Tilt	0.078	0.033	0.020	0.019	0.020	0.021	0.097	0.132	0.118	NO
LTE Band 2 Ant1	Left Touch	0.016	0.108	0.026	0.030	0.020	0.021	0.046	0.145	0.062	NO
	Left Tilt	0.012	0.163	0.023	0.042	0.010	0.010	0.054	0.185	0.045	NO
	Right Touch	0.028	0.035	0.028	0.033	0.048	0.041	0.061	0.104	0.104	NO
	Right Tilt	0.021	0.033	0.020	0.019	0.020	0.021	0.040	0.075	0.061	NO
LTE Band 2 Ant4	Left Touch	0.441	0.108	0.026	0.030	0.020	0.021	0.471	0.570	0.487	NO
	Left Tilt	0.439	0.163	0.023	0.042	0.010	0.010	0.481	0.612	0.472	NO
	Right Touch	0.760	0.035	0.028	0.033	0.048	0.041	0.793	0.836	0.836	NO
	Right Tilt	0.644	0.033	0.020	0.019	0.020	0.021	0.663	0.698	0.684	NO
LTE Band 5 Ant0	Left Touch	0.097	0.108	0.026	0.030	0.020	0.021	0.127	0.226	0.143	NO
	Left Tilt	0.059	0.163	0.023	0.042	0.010	0.010	0.101	0.232	0.092	NO
	Right Touch	0.101	0.035	0.028	0.033	0.048	0.041	0.134	0.177	0.177	NO
	Right Tilt	0.069	0.033	0.020	0.019	0.020	0.021	0.088	0.123	0.109	NO
LTE Band 7 Ant0	Left Touch	0.027	0.108	0.026	0.030	0.020	0.021	0.057	0.156	0.073	NO
	Left Tilt	0.014	0.163	0.023	0.042	0.010	0.010	0.056	0.187	0.047	NO
	Right Touch	0.024	0.035	0.028	0.033	0.048	0.041	0.057	0.100	0.100	NO
	Right Tilt	0.017	0.033	0.020	0.019	0.020	0.021	0.036	0.071	0.057	NO
LTE Band 12 Ant0	Left Touch	0.039	0.108	0.026	0.030	0.020	0.021	0.069	0.168	0.085	NO
	Left Tilt	0.022	0.163	0.023	0.042	0.010	0.010	0.064	0.195	0.055	NO
	Right Touch	0.047	0.035	0.028	0.033	0.048	0.041	0.080	0.123	0.123	NO
	Right Tilt	0.030	0.033	0.020	0.019	0.020	0.021	0.049	0.084	0.070	NO
LTE Band 13 Ant0	Left Touch	0.086	0.108	0.026	0.030	0.020	0.021	0.116	0.215	0.132	NO
	Left Tilt	0.052	0.163	0.023	0.042	0.010	0.010	0.094	0.225	0.085	NO
	Right Touch	0.089	0.035	0.028	0.033	0.048	0.041	0.122	0.165	0.165	NO

	Right Tilt	0.059	0.033	0.020	0.019	0.020	0.021	0.078	0.113	0.099	NO
LTE Band 14 Ant0	Left Touch	0.092	0.108	0.026	0.030	0.020	0.021	0.122	0.221	0.138	NO
	Left Tilt	0.055	0.163	0.023	0.042	0.010	0.010	0.097	0.228	0.088	NO
	Right Touch	0.095	0.035	0.028	0.033	0.048	0.041	0.128	0.171	0.171	NO
	Right Tilt	0.063	0.033	0.020	0.019	0.020	0.021	0.082	0.117	0.103	NO
LTE Band 25 Ant0	Left Touch	0.137	0.108	0.026	0.030	0.020	0.021	0.167	0.266	0.183	NO
	Left Tilt	0.130	0.163	0.023	0.042	0.010	0.010	0.172	0.303	0.163	NO
	Right Touch	0.195	0.035	0.028	0.033	0.048	0.041	0.228	0.271	0.271	NO
	Right Tilt	0.111	0.033	0.020	0.019	0.020	0.021	0.130	0.165	0.151	NO
LTE Band 30 Ant0	Left Touch	0.029	0.108	0.026	0.030	0.020	0.021	0.059	0.158	0.075	NO
	Left Tilt	0.028	0.163	0.023	0.042	0.010	0.010	0.070	0.201	0.061	NO
	Right Touch	0.039	0.035	0.028	0.033	0.048	0.041	0.072	0.115	0.115	NO
	Right Tilt	0.019	0.033	0.020	0.019	0.020	0.021	0.038	0.073	0.059	NO
LTE Band 30 Ant1	Left Touch	0.009	0.108	0.026	0.030	0.020	0.021	0.039	0.138	0.055	NO
	Left Tilt	0.007	0.163	0.023	0.042	0.010	0.010	0.049	0.180	0.040	NO
	Right Touch	0.014	0.035	0.028	0.033	0.048	0.041	0.047	0.090	0.090	NO
	Right Tilt	0.012	0.033	0.020	0.019	0.020	0.021	0.031	0.066	0.052	NO
LTE Band 30 Ant4	Left Touch	0.357	0.108	0.026	0.030	0.020	0.021	0.387	0.486	0.403	NO
	Left Tilt	0.330	0.163	0.023	0.042	0.010	0.010	0.372	0.503	0.363	NO
	Right Touch	0.428	0.035	0.028	0.033	0.048	0.041	0.461	0.504	0.504	NO
	Right Tilt	0.419	0.033	0.020	0.019	0.020	0.021	0.438	0.473	0.459	NO
LTE Band 41 Ant0	Left Touch	0.030	0.108	0.026	0.030	0.020	0.021	0.060	0.159	0.076	NO
	Left Tilt	0.022	0.163	0.023	0.042	0.010	0.010	0.064	0.195	0.055	NO
	Right Touch	0.042	0.035	0.028	0.033	0.048	0.041	0.075	0.118	0.118	NO
	Right Tilt	0.030	0.033	0.020	0.019	0.020	0.021	0.049	0.084	0.070	NO
LTE Band 42 Ant1	Left Touch	0.008	0.108	0.026	0.030	0.020	0.021	0.038	0.137	0.054	NO
	Left Tilt	0.001	0.163	0.023	0.042	0.010	0.010	0.043	0.174	0.034	NO
	Right Touch	0.006	0.035	0.028	0.033	0.048	0.041	0.039	0.082	0.082	NO
	Right Tilt	0.001	0.033	0.020	0.019	0.020	0.021	0.020	0.055	0.041	NO
LTE Band 43 Ant1	Left Touch	0.007	0.108	0.026	0.030	0.020	0.021	0.037	0.136	0.053	NO
	Left Tilt	0.001	0.163	0.023	0.042	0.010	0.010	0.043	0.174	0.034	NO
	Right Touch	0.006	0.035	0.028	0.033	0.048	0.041	0.039	0.082	0.082	NO
	Right Tilt	0.001	0.033	0.020	0.019	0.020	0.021	0.020	0.055	0.041	NO
LTE Band 48 Ant1	Left Touch	0.009	0.108	0.026	0.030	0.020	0.021	0.039	0.138	0.055	NO
	Left Tilt	0.002	0.163	0.023	0.042	0.010	0.010	0.044	0.175	0.035	NO
	Right Touch	0.022	0.035	0.028	0.033	0.048	0.041	0.055	0.098	0.098	NO
	Right Tilt	0.005	0.033	0.020	0.019	0.020	0.021	0.024	0.059	0.045	NO
LTE Band 66 Ant0	Left Touch	0.013	0.108	0.026	0.030	0.020	0.021	0.043	0.142	0.059	NO
	Left Tilt	0.009	0.163	0.023	0.042	0.010	0.010	0.051	0.182	0.042	NO
	Right Touch	0.091	0.035	0.028	0.033	0.048	0.041	0.124	0.167	0.167	NO
	Right Tilt	0.028	0.033	0.020	0.019	0.020	0.021	0.047	0.082	0.068	NO
LTE Band 66 Ant4	Left Touch	0.488	0.108	0.026	0.030	0.020	0.021	0.518	0.617	0.534	NO
	Left Tilt	0.501	0.163	0.023	0.042	0.010	0.010	0.543	0.674	0.534	NO
	Right Touch	0.850	0.035	0.028	0.033	0.048	0.041	0.883	0.926	0.926	NO
	Right Tilt	0.788	0.033	0.020	0.019	0.020	0.021	0.807	0.842	0.828	NO
LTE Band 71 Ant0	Left Touch	0.119	0.108	0.026	0.030	0.020	0.021	0.149	0.248	0.165	NO
	Left Tilt	0.066	0.163	0.023	0.042	0.010	0.010	0.108	0.239	0.099	NO
	Right Touch	0.129	0.035	0.028	0.033	0.048	0.041	0.162	0.205	0.205	NO
	Right Tilt	0.076	0.033	0.020	0.019	0.020	0.021	0.095	0.130	0.116	NO

NR Band 5 Ant0	Left Touch	0.091	0.108	0.026	0.030	0.020	0.021	0.121	0.220	0.137	NO
	Left Tilt	0.048	0.163	0.023	0.042	0.010	0.010	0.090	0.221	0.081	NO
	Right Touch	0.088	0.035	0.028	0.033	0.048	0.041	0.121	0.164	0.164	NO
	Right Tilt	0.056	0.033	0.020	0.019	0.020	0.021	0.075	0.110	0.096	NO
NR Band 12 Ant0	Left Touch	0.074	0.108	0.026	0.030	0.020	0.021	0.104	0.203	0.120	NO
	Left Tilt	0.042	0.163	0.023	0.042	0.010	0.010	0.084	0.215	0.075	NO
	Right Touch	0.088	0.035	0.028	0.033	0.048	0.041	0.121	0.164	0.164	NO
	Right Tilt	0.058	0.033	0.020	0.019	0.020	0.021	0.077	0.112	0.098	NO
NR Band 25 Ant0	Left Touch	0.137	0.108	0.026	0.030	0.020	0.021	0.167	0.266	0.183	NO
	Left Tilt	0.133	0.163	0.023	0.042	0.010	0.010	0.175	0.306	0.166	NO
	Right Touch	0.208	0.035	0.028	0.033	0.048	0.041	0.241	0.284	0.284	NO
	Right Tilt	0.124	0.033	0.020	0.019	0.020	0.021	0.143	0.178	0.164	NO
NR Band 25 Ant1	Left Touch	0.016	0.108	0.026	0.030	0.020	0.021	0.046	0.145	0.062	NO
	Left Tilt	0.013	0.163	0.023	0.042	0.010	0.010	0.055	0.186	0.046	NO
	Right Touch	0.038	0.035	0.028	0.033	0.048	0.041	0.071	0.114	0.114	NO
	Right Tilt	0.029	0.033	0.020	0.019	0.020	0.021	0.048	0.083	0.069	NO
NR Band 25 Ant4	Left Touch	0.600	0.108	0.026	0.030	0.020	0.021	0.630	0.729	0.646	NO
	Left Tilt	0.602	0.163	0.023	0.042	0.010	0.010	0.644	0.775	0.635	NO
	Right Touch	0.897	0.035	0.028	0.033	0.048	0.041	0.930	0.973	0.973	NO
	Right Tilt	0.793	0.033	0.020	0.019	0.020	0.021	0.812	0.847	0.833	NO
NR Band 30 Ant0	Left Touch	0.047	0.108	0.026	0.030	0.020	0.021	0.077	0.176	0.093	NO
	Left Tilt	0.046	0.163	0.023	0.042	0.010	0.010	0.088	0.219	0.079	NO
	Right Touch	0.052	0.035	0.028	0.033	0.048	0.041	0.085	0.128	0.128	NO
	Right Tilt	0.031	0.033	0.020	0.019	0.020	0.021	0.050	0.085	0.071	NO
NR Band 30 Ant1	Left Touch	0.013	0.108	0.026	0.030	0.020	0.021	0.043	0.142	0.059	NO
	Left Tilt	0.010	0.163	0.023	0.042	0.010	0.010	0.052	0.183	0.043	NO
	Right Touch	0.023	0.035	0.028	0.033	0.048	0.041	0.056	0.099	0.099	NO
	Right Tilt	0.020	0.033	0.020	0.019	0.020	0.021	0.039	0.074	0.060	NO
NR Band 41 Ant0	Left Touch	0.079	0.108	0.026	0.030	0.020	0.021	0.109	0.208	0.125	NO
	Left Tilt	0.038	0.163	0.023	0.042	0.010	0.010	0.080	0.211	0.071	NO
	Right Touch	0.104	0.035	0.028	0.033	0.048	0.041	0.137	0.180	0.180	NO
	Right Tilt	0.044	0.033	0.020	0.019	0.020	0.021	0.063	0.098	0.084	NO
NR Band 41 Ant1	Left Touch	0.023	0.108	0.026	0.030	0.020	0.021	0.053	0.152	0.069	NO
	Left Tilt	0.017	0.163	0.023	0.042	0.010	0.010	0.059	0.190	0.050	NO
	Right Touch	0.038	0.035	0.028	0.033	0.048	0.041	0.071	0.114	0.114	NO
	Right Tilt	0.024	0.033	0.020	0.019	0.020	0.021	0.043	0.078	0.064	NO
NR Band 41 Ant2	Left Touch	0.013	0.108	0.026	0.030	0.020	0.021	0.043	0.142	0.059	NO
	Left Tilt	0.003	0.163	0.023	0.042	0.010	0.010	0.045	0.176	0.036	NO
	Right Touch	0.033	0.035	0.028	0.033	0.048	0.041	0.066	0.109	0.109	NO
	Right Tilt	0.009	0.033	0.020	0.019	0.020	0.021	0.028	0.063	0.049	NO
NR Band 41 Ant3	Left Touch	0.158	0.108	0.026	0.030	0.020	0.021	0.188	0.287	0.204	NO
	Left Tilt	0.061	0.163	0.023	0.042	0.010	0.010	0.103	0.234	0.094	NO
	Right Touch	0.147	0.035	0.028	0.033	0.048	0.041	0.180	0.223	0.223	NO
	Right Tilt	0.096	0.033	0.020	0.019	0.020	0.021	0.115	0.150	0.136	NO
NR Band 66 Ant0	Left Touch	0.014	0.108	0.026	0.030	0.020	0.021	0.044	0.143	0.060	NO
	Left Tilt	0.006	0.163	0.023	0.042	0.010	0.010	0.048	0.179	0.039	NO
	Right Touch	0.096	0.035	0.028	0.033	0.048	0.041	0.129	0.172	0.172	NO
	Right Tilt	0.014	0.033	0.020	0.019	0.020	0.021	0.033	0.068	0.054	NO
NR Band	Left Touch	0.352	0.108	0.026	0.030	0.020	0.021	0.382	0.481	0.398	NO

66 Ant4	Left Tilt	0.369	0.163	0.023	0.042	0.010	0.010	0.411	0.542	0.402	NO
	Right Touch	0.672	0.035	0.028	0.033	0.048	0.041	0.705	0.748	0.748	NO
	Right Tilt	0.582	0.033	0.020	0.019	0.020	0.021	0.601	0.636	0.622	NO
NR Band 71 Ant0	Left Touch	0.128	0.108	0.026	0.030	0.020	0.021	0.158	0.257	0.174	NO
	Left Tilt	0.073	0.163	0.023	0.042	0.010	0.010	0.115	0.246	0.106	NO
	Right Touch	0.144	0.035	0.028	0.033	0.048	0.041	0.177	0.220	0.220	NO
	Right Tilt	0.080	0.033	0.020	0.019	0.020	0.021	0.099	0.134	0.120	NO
NR Band 48 Ant1	Left Touch	0.061	0.108	0.026	0.030	0.020	0.021	0.091	0.190	0.107	NO
	Left Tilt	0.019	0.163	0.023	0.042	0.010	0.010	0.061	0.192	0.052	NO
	Right Touch	0.142	0.035	0.028	0.033	0.048	0.041	0.175	0.218	0.218	NO
	Right Tilt	0.014	0.033	0.020	0.019	0.020	0.021	0.033	0.068	0.054	NO
NR Band 77 Ant1	Left Touch	0.024	0.108	0.026	0.030	0.020	0.021	0.054	0.153	0.070	NO
	Left Tilt	0.007	0.163	0.023	0.042	0.010	0.010	0.049	0.180	0.040	NO
	Right Touch	0.056	0.035	0.028	0.033	0.048	0.041	0.089	0.132	0.132	NO
	Right Tilt	0.005	0.033	0.020	0.019	0.020	0.021	0.024	0.059	0.045	NO
NR Band 77 Ant2	Left Touch	0.085	0.108	0.026	0.030	0.020	0.021	0.115	0.214	0.131	NO
	Left Tilt	0.049	0.163	0.023	0.042	0.010	0.010	0.091	0.222	0.082	NO
	Right Touch	0.129	0.035	0.028	0.033	0.048	0.041	0.162	0.205	0.205	NO
	Right Tilt	0.030	0.033	0.020	0.019	0.020	0.021	0.049	0.084	0.070	NO
NR Band 77 Ant3	Left Touch	0.581	0.108	0.026	0.030	0.020	0.021	0.611	0.710	0.627	NO
	Left Tilt	0.242	0.163	0.023	0.042	0.010	0.010	0.284	0.415	0.275	NO
	Right Touch	0.639	0.035	0.028	0.033	0.048	0.041	0.672	0.715	0.715	NO
	Right Tilt	0.401	0.033	0.020	0.019	0.020	0.021	0.420	0.455	0.441	NO
NR Band 77 Ant4	Left Touch	0.629	0.108	0.026	0.030	0.020	0.021	0.659	0.758	0.675	NO
	Left Tilt	0.646	0.163	0.023	0.042	0.010	0.010	0.688	0.819	0.679	NO
	Right Touch	0.907	0.035	0.028	0.033	0.048	0.041	0.940	**0.983**	**0.983**	NO
	Right Tilt	0.788	0.033	0.020	0.019	0.020	0.021	0.807	0.842	0.828	NO

Simultaneous Transmission ENDC SAR Summation Scenario for head

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN6E Ant6 SAR (W/kg)	④MAX. WLAN6E Ant7 SAR (W/kg)	⑤MAX. WLAN6E MIMO SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+⑧	Summed SAR ①+②+④+⑦	Summed SAR ①+②+⑤	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Left Touch	0.016	0.091	0.108	0.026	0.030	0.020	0.021	0.236	0.153	0.137	NO
		Left Tilt	0.012	0.048	0.163	0.023	0.042	0.010	0.010	0.233	0.093	0.102	NO
		Right Touch	0.028	0.088	0.035	0.028	0.033	0.048	0.041	0.192	0.192	0.149	NO
		Right Tilt	0.021	0.056	0.033	0.020	0.019	0.020	0.021	0.131	0.117	0.096	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Left Touch	0.009	0.091	0.108	0.026	0.030	0.020	0.021	0.229	0.146	0.130	NO
		Left Tilt	0.007	0.048	0.163	0.023	0.042	0.010	0.010	0.228	0.088	0.097	NO
		Right Touch	0.014	0.088	0.035	0.028	0.033	0.048	0.041	0.178	0.178	0.135	NO
		Right Tilt	0.012	0.056	0.033	0.020	0.019	0.020	0.021	0.122	0.108	0.087	NO
LTE Band 2 Ant4	NR Band 66 Ant0	Left Touch	0.441	0.014	0.108	0.026	0.030	0.020	0.021	0.584	0.501	0.485	NO
		Left Tilt	0.439	0.006	0.163	0.023	0.042	0.010	0.010	0.618	0.478	0.487	NO
		Right Touch	0.760	0.096	0.035	0.028	0.033	0.048	0.041	0.932	0.932	0.889	NO
		Right Tilt	0.644	0.014	0.033	0.020	0.019	0.020	0.021	0.712	0.698	0.677	NO
LTE Band 30 Ant4	NR Band 66 Ant0	Left Touch	0.357	0.014	0.108	0.026	0.030	0.020	0.021	0.500	0.417	0.401	NO
		Left Tilt	0.330	0.006	0.163	0.023	0.042	0.010	0.010	0.509	0.369	0.378	NO
		Right Touch	0.428	0.096	0.035	0.028	0.033	0.048	0.041	0.600	0.600	0.557	NO

		Right Tilt	0.419	0.014	0.033	0.020	0.019	0.020	0.021	0.487	0.473	0.452	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Left Touch	0.097	0.016	0.108	0.026	0.030	0.020	0.021	0.242	0.159	0.143	NO
		Left Tilt	0.059	0.013	0.163	0.023	0.042	0.010	0.010	0.245	0.105	0.114	NO
		Right Touch	0.101	0.038	0.035	0.028	0.033	0.048	0.041	0.215	0.215	0.172	NO
		Right Tilt	0.069	0.029	0.033	0.020	0.019	0.020	0.021	0.152	0.138	0.117	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Left Touch	0.039	0.016	0.108	0.026	0.030	0.020	0.021	0.184	0.101	0.085	NO
		Left Tilt	0.022	0.013	0.163	0.023	0.042	0.010	0.010	0.208	0.068	0.077	NO
		Right Touch	0.047	0.038	0.035	0.028	0.033	0.048	0.041	0.161	0.161	0.118	NO
		Right Tilt	0.030	0.029	0.033	0.020	0.019	0.020	0.021	0.113	0.099	0.078	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Left Touch	0.357	0.137	0.108	0.026	0.030	0.020	0.021	0.623	0.540	0.524	NO
		Left Tilt	0.330	0.133	0.163	0.023	0.042	0.010	0.010	0.636	0.496	0.505	NO
		Right Touch	0.428	0.208	0.035	0.028	0.033	0.048	0.041	0.712	0.712	0.669	NO
		Right Tilt	0.419	0.124	0.033	0.020	0.019	0.020	0.021	0.597	0.583	0.562	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Left Touch	0.488	0.137	0.108	0.026	0.030	0.020	0.021	0.754	0.671	0.655	NO
		Left Tilt	0.501	0.133	0.163	0.023	0.042	0.010	0.010	0.807	0.667	0.676	NO
		Right Touch	0.850	0.208	0.035	0.028	0.033	0.048	0.041	1.134	**1.134**	1.091	NO
		Right Tilt	0.788	0.124	0.033	0.020	0.019	0.020	0.021	0.966	0.952	0.931	NO
LTE Band 2 Ant4	NR Band 30 Ant0	Left Touch	0.441	0.047	0.108	0.026	0.030	0.020	0.021	0.617	0.534	0.518	NO
		Left Tilt	0.439	0.046	0.163	0.023	0.042	0.010	0.010	0.658	0.518	0.527	NO
		Right Touch	0.760	0.052	0.035	0.028	0.033	0.048	0.041	0.888	0.888	0.845	NO
		Right Tilt	0.644	0.031	0.033	0.020	0.019	0.020	0.021	0.729	0.715	0.694	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Left Touch	0.097	0.013	0.108	0.026	0.030	0.020	0.021	0.239	0.156	0.140	NO
		Left Tilt	0.059	0.010	0.163	0.023	0.042	0.010	0.010	0.242	0.102	0.111	NO
		Right Touch	0.101	0.023	0.035	0.028	0.033	0.048	0.041	0.200	0.200	0.157	NO
		Right Tilt	0.069	0.020	0.033	0.020	0.019	0.020	0.021	0.143	0.129	0.108	NO
LTE Band 12 Ant0	NR Band 30 Ant1	Left Touch	0.039	0.013	0.108	0.026	0.030	0.020	0.021	0.181	0.098	0.082	NO
		Left Tilt	0.022	0.010	0.163	0.023	0.042	0.010	0.010	0.205	0.065	0.074	NO
		Right Touch	0.047	0.023	0.035	0.028	0.033	0.048	0.041	0.146	0.146	0.103	NO
		Right Tilt	0.030	0.020	0.033	0.020	0.019	0.020	0.021	0.104	0.090	0.069	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Left Touch	0.092	0.013	0.108	0.026	0.030	0.020	0.021	0.234	0.151	0.135	NO
		Left Tilt	0.055	0.010	0.163	0.023	0.042	0.010	0.010	0.238	0.098	0.107	NO
		Right Touch	0.095	0.023	0.035	0.028	0.033	0.048	0.041	0.194	0.194	0.151	NO
		Right Tilt	0.063	0.020	0.033	0.020	0.019	0.020	0.021	0.137	0.123	0.102	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Left Touch	0.488	0.047	0.108	0.026	0.030	0.020	0.021	0.664	0.581	0.565	NO
		Left Tilt	0.501	0.046	0.163	0.023	0.042	0.010	0.010	0.720	0.580	0.589	NO
		Right Touch	0.850	0.052	0.035	0.028	0.033	0.048	0.041	0.978	0.978	0.935	NO
		Right Tilt	0.788	0.031	0.033	0.020	0.019	0.020	0.021	0.873	0.859	0.838	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Left Touch	0.441	0.024	0.108	0.026	0.030	0.020	0.021	0.594	0.511	0.495	NO
		Left Tilt	0.439	0.007	0.163	0.023	0.042	0.010	0.010	0.619	0.479	0.488	NO
		Right Touch	0.760	0.056	0.035	0.028	0.033	0.048	0.041	0.892	0.892	0.849	NO
		Right Tilt	0.644	0.005	0.033	0.020	0.019	0.020	0.021	0.703	0.689	0.668	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Left Touch	0.488	0.024	0.108	0.026	0.030	0.020	0.021	0.641	0.558	0.542	NO
		Left Tilt	0.501	0.007	0.163	0.023	0.042	0.010	0.010	0.681	0.541	0.550	NO
		Right Touch	0.850	0.056	0.035	0.028	0.033	0.048	0.041	0.982	0.982	0.939	NO
		Right Tilt	0.788	0.005	0.033	0.020	0.019	0.020	0.021	0.847	0.833	0.812	NO
LTE Band 12 Ant0	NR Band 77 Ant1	Left Touch	0.039	0.024	0.108	0.026	0.030	0.020	0.021	0.192	0.109	0.093	NO
		Left Tilt	0.022	0.007	0.163	0.023	0.042	0.010	0.010	0.202	0.062	0.071	NO
		Right Touch	0.047	0.056	0.035	0.028	0.033	0.048	0.041	0.179	0.179	0.136	NO
		Right Tilt	0.030	0.005	0.033	0.020	0.019	0.020	0.021	0.089	0.075	0.054	NO

LTE Band 14 Ant0	NR Band 77 Ant1	Left Touch	0.092	0.024	0.108	0.026	0.030	0.020	0.021	0.245	0.162	0.146	NO
		Left Tilt	0.055	0.007	0.163	0.023	0.042	0.010	0.010	0.235	0.095	0.104	NO
		Right Touch	0.095	0.056	0.035	0.028	0.033	0.048	0.041	0.227	0.227	0.184	NO
		Right Tilt	0.063	0.005	0.033	0.020	0.019	0.020	0.021	0.122	0.108	0.087	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Left Touch	0.092	0.016	0.108	0.026	0.030	0.020	0.021	0.237	0.154	0.138	NO
		Left Tilt	0.055	0.013	0.163	0.023	0.042	0.010	0.010	0.241	0.101	0.110	NO
		Right Touch	0.095	0.038	0.035	0.028	0.033	0.048	0.041	0.209	0.209	0.166	NO
		Right Tilt	0.063	0.029	0.033	0.020	0.019	0.020	0.021	0.146	0.132	0.111	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Left Touch	0.016	0.128	0.108	0.026	0.030	0.020	0.021	0.273	0.190	0.174	NO
		Left Tilt	0.012	0.073	0.163	0.023	0.042	0.010	0.010	0.258	0.118	0.127	NO
		Right Touch	0.028	0.144	0.035	0.028	0.033	0.048	0.041	0.248	0.248	0.205	NO
		Right Tilt	0.021	0.080	0.033	0.020	0.019	0.020	0.021	0.155	0.141	0.120	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Left Touch	0.441	0.079	0.108	0.026	0.030	0.020	0.021	0.649	0.566	0.550	NO
		Left Tilt	0.439	0.038	0.163	0.023	0.042	0.010	0.010	0.650	0.510	0.519	NO
		Right Touch	0.760	0.104	0.035	0.028	0.033	0.048	0.041	0.940	0.940	0.897	NO
		Right Tilt	0.644	0.044	0.033	0.020	0.019	0.020	0.021	0.742	0.728	0.707	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Left Touch	0.039	0.016	0.108	0.026	0.030	0.020	0.021	0.184	0.101	0.085	NO
		Left Tilt	0.022	0.013	0.163	0.023	0.042	0.010	0.010	0.208	0.068	0.077	NO
		Right Touch	0.047	0.038	0.035	0.028	0.033	0.048	0.041	0.161	0.161	0.118	NO
		Right Tilt	0.030	0.029	0.033	0.020	0.019	0.020	0.021	0.113	0.099	0.078	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Left Touch	0.488	0.137	0.108	0.026	0.030	0.020	0.021	0.754	0.671	0.655	NO
		Left Tilt	0.501	0.133	0.163	0.023	0.042	0.010	0.010	0.807	0.667	0.676	NO
		Right Touch	0.850	0.208	0.035	0.028	0.033	0.048	0.041	1.134	**1.134**	1.091	NO
		Right Tilt	0.788	0.124	0.033	0.020	0.019	0.020	0.021	0.966	0.952	0.931	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Left Touch	0.488	0.079	0.108	0.026	0.030	0.020	0.021	0.696	0.613	0.597	NO
		Left Tilt	0.501	0.038	0.163	0.023	0.042	0.010	0.010	0.712	0.572	0.581	NO
		Right Touch	0.850	0.104	0.035	0.028	0.033	0.048	0.041	1.030	1.030	0.987	NO
		Right Tilt	0.788	0.044	0.033	0.020	0.019	0.020	0.021	0.886	0.872	0.851	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Left Touch	0.441	0.061	0.108	0.026	0.030	0.020	0.021	0.631	0.548	0.532	NO
		Left Tilt	0.439	0.019	0.163	0.023	0.042	0.010	0.010	0.631	0.491	0.500	NO
		Right Touch	0.760	0.142	0.035	0.028	0.033	0.048	0.041	0.978	0.978	0.935	NO
		Right Tilt	0.644	0.014	0.033	0.020	0.019	0.020	0.021	0.712	0.698	0.677	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Left Touch	0.488	0.061	0.108	0.026	0.030	0.020	0.021	0.678	0.595	0.579	NO
		Left Tilt	0.501	0.019	0.163	0.023	0.042	0.010	0.010	0.693	0.553	0.562	NO
		Right Touch	0.850	0.142	0.035	0.028	0.033	0.048	0.041	1.068	1.068	1.025	NO
		Right Tilt	0.788	0.014	0.033	0.020	0.019	0.020	0.021	0.856	0.842	0.821	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Left Touch	0.009	0.352	0.108	0.026	0.030	0.020	0.021	0.490	0.407	0.391	NO
		Left Tilt	0.002	0.369	0.163	0.023	0.042	0.010	0.010	0.544	0.404	0.413	NO
		Right Touch	0.022	0.672	0.035	0.028	0.033	0.048	0.041	0.770	0.770	0.727	NO
		Right Tilt	0.005	0.582	0.033	0.020	0.019	0.020	0.021	0.641	0.627	0.606	NO
LTE Band 48 Ant1	NR Band 25 Ant4	Left Touch	0.009	0.600	0.108	0.026	0.030	0.020	0.021	0.738	0.655	0.639	NO
		Left Tilt	0.002	0.602	0.163	0.023	0.042	0.010	0.010	0.777	0.637	0.646	NO
		Right Touch	0.022	0.897	0.035	0.028	0.033	0.048	0.041	0.995	0.995	0.952	NO
		Right Tilt	0.005	0.793	0.033	0.020	0.019	0.020	0.021	0.852	0.838	0.817	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Left Touch	0.086	0.016	0.108	0.026	0.030	0.020	0.021	0.231	0.148	0.132	NO
		Left Tilt	0.052	0.013	0.163	0.023	0.042	0.010	0.010	0.238	0.098	0.107	NO
		Right Touch	0.089	0.038	0.035	0.028	0.033	0.048	0.041	0.203	0.203	0.160	NO
		Right Tilt	0.059	0.029	0.033	0.020	0.019	0.020	0.021	0.142	0.128	0.107	NO
LTE	NR Band	Left Touch	0.016	0.091	0.108	0.026	0.030	0.020	0.021	0.236	0.153	0.137	NO

Band 2 Ant1	5 Ant0	Left Tilt	0.012	0.048	0.163	0.023	0.042	0.010	0.010	0.233	0.093	0.102	NO
		Right Touch	0.028	0.088	0.035	0.028	0.033	0.048	0.041	0.192	0.192	0.149	NO
		Right Tilt	0.021	0.056	0.033	0.020	0.019	0.020	0.021	0.131	0.117	0.096	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Left Touch	0.009	0.091	0.108	0.026	0.030	0.020	0.021	0.229	0.146	0.130	NO
		Left Tilt	0.002	0.048	0.163	0.023	0.042	0.010	0.010	0.223	0.083	0.092	NO
		Right Touch	0.022	0.088	0.035	0.028	0.033	0.048	0.041	0.186	0.186	0.143	NO
		Right Tilt	0.005	0.056	0.033	0.020	0.019	0.020	0.021	0.115	0.101	0.080	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Left Touch	0.086	0.024	0.108	0.026	0.030	0.020	0.021	0.239	0.156	0.140	NO
		Left Tilt	0.052	0.007	0.163	0.023	0.042	0.010	0.010	0.232	0.092	0.101	NO
		Right Touch	0.089	0.056	0.035	0.028	0.033	0.048	0.041	0.221	0.221	0.178	NO
		Right Tilt	0.059	0.005	0.033	0.020	0.019	0.020	0.021	0.118	0.104	0.083	NO
LTE Band 5 Ant0	NR Band 77 Ant1	Left Touch	0.097	0.024	0.108	0.026	0.030	0.020	0.021	0.250	0.167	0.151	NO
		Left Tilt	0.059	0.007	0.163	0.023	0.042	0.010	0.010	0.239	0.099	0.108	NO
		Right Touch	0.101	0.056	0.035	0.028	0.033	0.048	0.041	0.233	0.233	0.190	NO
		Right Tilt	0.069	0.005	0.033	0.020	0.019	0.020	0.021	0.128	0.114	0.093	NO

Simultaneous Transmission SAR Summation Scenario for body worn

WWAN Band	Exposure position	①MAX. WWAN SAR (W/kg)	②MAX. WLAN6E Ant6 SAR (W/kg)	③MAX. WLAN6E Ant7 SAR (W/kg)	④MAX. WLAN6E MIMO SAR (W/kg)	⑤ MAX. BT Ant6 SAR (W/kg)	⑥ MAX. BT Ant7 SAR (W/kg)	①+②+⑥	①+③+⑤	①+④	Volume scan
GSM850 Ant0	Front	0.099	0.044	0.007	0.091	0.001	0.007	0.150	0.107	0.190	NO
	Back	0.118	0.044	0.069	0.174	0.028	0.026	0.188	0.215	0.292	NO
GSM1900 Ant0	Front	0.121	0.044	0.007	0.091	0.001	0.007	0.172	0.129	0.212	NO
	Back	0.863	0.044	0.069	0.174	0.028	0.026	0.933	0.960	1.037	NO
WCDMA Band II Ant0	Front	0.310	0.044	0.007	0.091	0.001	0.007	0.361	0.318	0.401	NO
	Back	0.735	0.044	0.069	0.174	0.028	0.026	0.805	0.832	0.909	NO
WCDMA Band IV Ant0	Front	0.184	0.044	0.007	0.091	0.001	0.007	0.235	0.192	0.275	NO
	Back	0.740	0.044	0.069	0.174	0.028	0.026	0.810	0.837	0.914	NO
WCDMA Band V Ant0	Front	0.094	0.044	0.007	0.091	0.001	0.007	0.145	0.102	0.185	NO
	Back	0.121	0.044	0.069	0.174	0.028	0.026	0.191	0.218	0.295	NO
LTE Band 2 Ant1	Front	0.029	0.044	0.007	0.091	0.001	0.007	0.080	0.037	0.120	NO
	Back	0.088	0.044	0.069	0.174	0.028	0.026	0.158	0.185	0.262	NO
LTE Band 2 Ant4	Front	0.182	0.044	0.007	0.091	0.001	0.007	0.233	0.190	0.273	NO
	Back	0.475	0.044	0.069	0.174	0.028	0.026	0.545	0.572	0.649	NO
LTE Band 5 Ant0	Front	0.057	0.044	0.007	0.091	0.001	0.007	0.108	0.065	0.148	NO
	Back	0.090	0.044	0.069	0.174	0.028	0.026	0.160	0.187	0.264	NO
LTE Band 7 Ant0	Front	0.281	0.044	0.007	0.091	0.001	0.007	0.332	0.289	0.372	NO
	Back	0.403	0.044	0.069	0.174	0.028	0.026	0.473	0.500	0.577	NO
LTE Band 12 Ant0	Front	0.086	0.044	0.007	0.091	0.001	0.007	0.137	0.094	0.177	NO
	Back	0.126	0.044	0.069	0.174	0.028	0.026	0.196	0.223	0.300	NO
LTE Band 13 Ant0	Front	0.082	0.044	0.007	0.091	0.001	0.007	0.133	0.090	0.173	NO
	Back	0.108	0.044	0.069	0.174	0.028	0.026	0.178	0.205	0.282	NO
LTE Band 14 Ant0	Front	0.081	0.044	0.007	0.091	0.001	0.007	0.132	0.089	0.172	NO
	Back	0.105	0.044	0.069	0.174	0.028	0.026	0.175	0.202	0.279	NO
LTE Band 25 Ant0	Front	0.282	0.044	0.007	0.091	0.001	0.007	0.333	0.290	0.373	NO
	Back	0.724	0.044	0.069	0.174	0.028	0.026	0.794	0.821	0.898	NO

LTE Band 30 Ant0	Front	0.133	0.044	0.007	0.091	0.001	0.007	0.184	0.141	0.224	NO
	Back	0.297	0.044	0.069	0.174	0.028	0.026	0.367	0.394	0.471	NO
LTE Band 30 Ant1	Front	0.010	0.044	0.007	0.091	0.001	0.007	0.061	0.018	0.101	NO
	Back	0.038	0.044	0.069	0.174	0.028	0.026	0.108	0.135	0.212	NO
LTE Band 30 Ant4	Front	0.047	0.044	0.007	0.091	0.001	0.007	0.098	0.055	0.138	NO
	Back	0.166	0.044	0.069	0.174	0.028	0.026	0.236	0.263	0.340	NO
LTE Band 41 Ant0	Front	0.252	0.044	0.007	0.091	0.001	0.007	0.303	0.260	0.343	NO
	Back	0.369	0.044	0.069	0.174	0.028	0.026	0.439	0.466	0.543	NO
LTE Band 42 Ant1	Front	0.006	0.044	0.007	0.091	0.001	0.007	0.057	0.014	0.097	NO
	Back	0.012	0.044	0.069	0.174	0.028	0.026	0.082	0.109	0.186	NO
LTE Band 43 Ant1	Front	0.005	0.044	0.007	0.091	0.001	0.007	0.056	0.013	0.096	NO
	Back	0.055	0.044	0.069	0.174	0.028	0.026	0.125	0.152	0.229	NO
LTE Band 48 Ant1	Front	0.001	0.044	0.007	0.091	0.001	0.007	0.052	0.009	0.092	NO
	Back	0.017	0.044	0.069	0.174	0.028	0.026	0.087	0.114	0.191	NO
LTE Band 66 Ant0	Front	0.158	0.044	0.007	0.091	0.001	0.007	0.209	0.166	0.249	NO
	Back	0.645	0.044	0.069	0.174	0.028	0.026	0.715	0.742	0.819	NO
LTE Band 66 Ant4	Front	0.105	0.044	0.007	0.091	0.001	0.007	0.156	0.113	0.196	NO
	Back	0.302	0.044	0.069	0.174	0.028	0.026	0.372	0.399	0.476	NO
LTE Band 71 Ant0	Front	0.160	0.044	0.007	0.091	0.001	0.007	0.211	0.168	0.251	NO
	Back	0.203	0.044	0.069	0.174	0.028	0.026	0.273	0.300	0.377	NO
NR Band 5 Ant0	Front	0.073	0.044	0.007	0.091	0.001	0.007	0.124	0.081	0.164	NO
	Back	0.086	0.044	0.069	0.174	0.028	0.026	0.156	0.183	0.260	NO
NR Band 12 Ant0	Front	0.090	0.044	0.007	0.091	0.001	0.007	0.141	0.098	0.181	NO
	Back	0.132	0.044	0.069	0.174	0.028	0.026	0.202	0.229	0.306	NO
NR Band 25 Ant0	Front	0.342	0.044	0.007	0.091	0.001	0.007	0.393	0.350	0.433	NO
	Back	0.890	0.044	0.069	0.174	0.028	0.026	0.960	0.987	1.064	NO
NR Band 25 Ant1	Front	0.016	0.044	0.007	0.091	0.001	0.007	0.067	0.024	0.107	NO
	Back	0.045	0.044	0.069	0.174	0.028	0.026	0.115	0.142	0.219	NO
NR Band 25 Ant4	Front	0.199	0.044	0.007	0.091	0.001	0.007	0.250	0.207	0.290	NO
	Back	0.511	0.044	0.069	0.174	0.028	0.026	0.581	0.608	0.685	NO
NR Band 30 Ant0	Front	0.087	0.044	0.007	0.091	0.001	0.007	0.138	0.095	0.178	NO
	Back	0.191	0.044	0.069	0.174	0.028	0.026	0.261	0.288	0.365	NO
NR Band 30 Ant1	Front	0.017	0.044	0.007	0.091	0.001	0.007	0.068	0.025	0.108	NO
	Back	0.062	0.044	0.069	0.174	0.028	0.026	0.132	0.159	0.236	NO
NR Band 41 Ant0	Front	0.381	0.044	0.007	0.091	0.001	0.007	0.432	0.389	0.472	NO
	Back	0.553	0.044	0.069	0.174	0.028	0.026	0.623	0.650	0.727	NO
NR Band 41 Ant1	Front	0.013	0.044	0.007	0.091	0.001	0.007	0.064	0.021	0.104	NO
	Back	0.037	0.044	0.069	0.174	0.028	0.026	0.107	0.134	0.211	NO
NR Band 41 Ant2	Front	0.044	0.044	0.007	0.091	0.001	0.007	0.095	0.052	0.135	NO
	Back	0.129	0.044	0.069	0.174	0.028	0.026	0.199	0.226	0.303	NO
NR Band 41 Ant3	Front	0.046	0.044	0.007	0.091	0.001	0.007	0.097	0.054	0.137	NO
	Back	0.144	0.044	0.069	0.174	0.028	0.026	0.214	0.241	0.318	NO
NR Band 66 Ant0	Front	0.201	0.044	0.007	0.091	0.001	0.007	0.252	0.209	0.292	NO
	Back	0.661	0.044	0.069	0.174	0.028	0.026	0.731	0.758	0.835	NO
NR Band 66 Ant4	Front	0.106	0.044	0.007	0.091	0.001	0.007	0.157	0.114	0.197	NO
	Back	0.289	0.044	0.069	0.174	0.028	0.026	0.359	0.386	0.463	NO
NR Band 71 Ant0	Front	0.085	0.044	0.007	0.091	0.001	0.007	0.136	0.093	0.176	NO
	Back	0.125	0.044	0.069	0.174	0.028	0.026	0.195	0.222	0.299	NO
NR Band	Front	0.007	0.044	0.007	0.091	0.001	0.007	0.058	0.015	0.098	NO

48 Ant1	Back	0.124	0.044	0.069	0.174	0.028	0.026	0.194	0.221	0.298	NO
NR Band 77 Ant1	Front	0.005	0.044	0.007	0.091	0.001	0.007	0.056	0.013	0.096	NO
	Back	0.083	0.044	0.069	0.174	0.028	0.026	0.153	0.180	0.257	NO
NR Band 77 Ant2	Front	0.159	0.044	0.007	0.091	0.001	0.007	0.210	0.167	0.250	NO
	Back	0.559	0.044	0.069	0.174	0.028	0.026	0.629	0.656	0.733	NO
NR Band 77 Ant3	Front	0.093	0.044	0.007	0.091	0.001	0.007	0.144	0.101	0.184	NO
	Back	0.541	0.044	0.069	0.174	0.028	0.026	0.611	0.638	0.715	NO
NR Band 77 Ant4	Front	0.139	0.044	0.007	0.091	0.001	0.007	0.190	0.147	0.230	NO
	Back	0.950	0.044	0.069	0.174	0.028	0.026	1.020	1.047	**1.124**	NO

Simultaneous Transmission ENDC SAR Summation Scenario for body worn

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN6E Ant6 SAR (W/kg)	④MAX. WLAN6E Ant7 SAR (W/kg)	⑤MAX. WLAN6E MIMO SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+⑦	Summed SAR ①+②+④+⑥	Summed SAR ①+②+⑤	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.029	0.073	0.044	0.007	0.091	0.001	0.007	0.153	0.110	0.193	NO
		Back	0.088	0.086	0.044	0.069	0.174	0.028	0.026	0.244	0.271	0.348	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Front	0.010	0.073	0.044	0.007	0.091	0.001	0.007	0.134	0.091	0.174	NO
		Back	0.038	0.086	0.044	0.069	0.174	0.028	0.026	0.194	0.221	0.298	NO
LTE Band 2 Ant4	NR Band 66 Ant0	Front	0.182	0.201	0.044	0.007	0.091	0.001	0.007	0.434	0.391	0.474	NO
		Back	0.475	0.661	0.044	0.069	0.174	0.028	0.026	1.206	1.233	1.310	NO
LTE Band 30 Ant4	NR Band 66 Ant0	Front	0.047	0.201	0.044	0.007	0.091	0.001	0.007	0.299	0.256	0.339	NO
		Back	0.166	0.661	0.044	0.069	0.174	0.028	0.026	0.897	0.924	1.001	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Front	0.057	0.016	0.044	0.007	0.091	0.001	0.007	0.124	0.081	0.164	NO
		Back	0.090	0.045	0.044	0.069	0.174	0.028	0.026	0.205	0.232	0.309	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Front	0.086	0.016	0.044	0.007	0.091	0.001	0.007	0.153	0.110	0.193	NO
		Back	0.126	0.045	0.044	0.069	0.174	0.028	0.026	0.241	0.268	0.345	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Front	0.047	0.342	0.044	0.007	0.091	0.001	0.007	0.440	0.397	0.480	NO
		Back	0.166	0.890	0.044	0.069	0.174	0.028	0.026	1.126	1.153	1.230	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Front	0.105	0.342	0.044	0.007	0.091	0.001	0.007	0.498	0.455	0.538	NO
		Back	0.302	0.890	0.044	0.069	0.174	0.028	0.026	1.262	1.289	**1.366**	NO
LTE Band 2 Ant4	NR Band 30 Ant0	Front	0.182	0.087	0.044	0.007	0.091	0.001	0.007	0.320	0.277	0.360	NO
		Back	0.475	0.191	0.044	0.069	0.174	0.028	0.026	0.736	0.763	0.840	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Front	0.057	0.017	0.044	0.007	0.091	0.001	0.007	0.125	0.082	0.165	NO
		Back	0.090	0.062	0.044	0.069	0.174	0.028	0.026	0.222	0.249	0.326	NO
LTE Band 12 Ant0	NR Band 30 Ant1	Front	0.086	0.017	0.044	0.007	0.091	0.001	0.007	0.154	0.111	0.194	NO
		Back	0.126	0.062	0.044	0.069	0.174	0.028	0.026	0.258	0.285	0.362	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Front	0.081	0.017	0.044	0.007	0.091	0.001	0.007	0.149	0.106	0.189	NO
		Back	0.105	0.062	0.044	0.069	0.174	0.028	0.026	0.237	0.264	0.341	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Front	0.105	0.087	0.044	0.007	0.091	0.001	0.007	0.243	0.200	0.283	NO
		Back	0.302	0.191	0.044	0.069	0.174	0.028	0.026	0.563	0.590	0.667	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Front	0.182	0.005	0.044	0.007	0.091	0.001	0.007	0.238	0.195	0.278	NO
		Back	0.475	0.083	0.044	0.069	0.174	0.028	0.026	0.628	0.655	0.732	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Front	0.105	0.005	0.044	0.007	0.091	0.001	0.007	0.161	0.118	0.201	NO
		Back	0.302	0.083	0.044	0.069	0.174	0.028	0.026	0.455	0.482	0.559	NO

LTE Band 12 Ant0	NR Band 77 Ant1	Front	0.086	0.005	0.044	0.007	0.091	0.001	0.007	0.142	0.099	0.182	NO
		Back	0.126	0.083	0.044	0.069	0.174	0.028	0.026	0.279	0.306	0.383	NO
LTE Band 14 Ant0	NR Band 77 Ant1	Front	0.081	0.005	0.044	0.007	0.091	0.001	0.007	0.137	0.094	0.177	NO
		Back	0.105	0.083	0.044	0.069	0.174	0.028	0.026	0.258	0.285	0.362	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Front	0.081	0.016	0.044	0.007	0.091	0.001	0.007	0.148	0.105	0.188	NO
		Back	0.105	0.045	0.044	0.069	0.174	0.028	0.026	0.220	0.247	0.324	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Front	0.029	0.085	0.044	0.007	0.091	0.001	0.007	0.165	0.122	0.205	NO
		Back	0.088	0.125	0.044	0.069	0.174	0.028	0.026	0.283	0.310	0.387	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Front	0.182	0.381	0.044	0.007	0.091	0.001	0.007	0.614	0.571	0.654	NO
		Back	0.475	0.553	0.044	0.069	0.174	0.028	0.026	1.098	1.125	1.202	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Front	0.086	0.016	0.044	0.007	0.091	0.001	0.007	0.153	0.110	0.193	NO
		Back	0.126	0.045	0.044	0.069	0.174	0.028	0.026	0.241	0.268	0.345	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Front	0.105	0.342	0.044	0.007	0.091	0.001	0.007	0.498	0.455	0.538	NO
		Back	0.302	0.890	0.044	0.069	0.174	0.028	0.026	1.262	1.289	**1.366**	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Front	0.105	0.381	0.044	0.007	0.091	0.001	0.007	0.537	0.494	0.577	NO
		Back	0.302	0.553	0.044	0.069	0.174	0.028	0.026	0.925	0.952	1.029	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Front	0.182	0.007	0.044	0.007	0.091	0.001	0.007	0.240	0.197	0.280	NO
		Back	0.475	0.124	0.044	0.069	0.174	0.028	0.026	0.669	0.696	0.773	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Front	0.105	0.007	0.044	0.007	0.091	0.001	0.007	0.163	0.120	0.203	NO
		Back	0.302	0.124	0.044	0.069	0.174	0.028	0.026	0.496	0.523	0.600	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Front	0.001	0.106	0.044	0.007	0.091	0.001	0.007	0.158	0.115	0.198	NO
		Back	0.017	0.289	0.044	0.069	0.174	0.028	0.026	0.376	0.403	0.480	NO
LTE Band 48 Ant1	NR Band 25 Ant4	Front	0.001	0.199	0.044	0.007	0.091	0.001	0.007	0.251	0.208	0.291	NO
		Back	0.017	0.511	0.044	0.069	0.174	0.028	0.026	0.598	0.625	0.702	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Front	0.082	0.016	0.044	0.007	0.091	0.001	0.007	0.149	0.106	0.189	NO
		Back	0.108	0.045	0.044	0.069	0.174	0.028	0.026	0.223	0.250	0.327	NO
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.029	0.073	0.044	0.007	0.091	0.001	0.007	0.153	0.110	0.193	NO
		Back	0.088	0.086	0.044	0.069	0.174	0.028	0.026	0.244	0.271	0.348	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Front	0.001	0.073	0.044	0.007	0.091	0.001	0.007	0.125	0.082	0.165	NO
		Back	0.017	0.086	0.044	0.069	0.174	0.028	0.026	0.173	0.200	0.277	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Front	0.082	0.005	0.044	0.007	0.091	0.001	0.007	0.138	0.095	0.178	NO
		Back	0.108	0.083	0.044	0.069	0.174	0.028	0.026	0.261	0.288	0.365	NO
LTE Band 5 Ant0	NR Band 77 Ant1	Front	0.057	0.005	0.044	0.007	0.091	0.001	0.007	0.113	0.070	0.153	NO
		Back	0.090	0.083	0.044	0.069	0.174	0.028	0.026	0.243	0.270	0.347	NO

Simultaneous Transmission SAR Summation Scenario for Hotspot

WWAN Band	Exposure position	①MAX. WWAN SAR (W/kg)	②MAX. WLAN6E Ant6 SAR (W/kg)	③MAX. WLAN6E Ant7 SAR (W/kg)	④MAX. WLAN6E MIMO SAR (W/kg)	⑤ MAX. BT Ant6 SAR (W/kg)	⑥ MAX. BT Ant7 SAR (W/kg)	①+②+⑥	①+③+⑤	①+④	Volume scan
GSM850 Ant0	Front	0.099	0.056	0.009	0.034	0.003	0.010	0.165	0.111	0.133	NO
	Back	0.173	0.044	0.231	0.326	0.045	0.044	0.261	0.449	0.499	NO
	Left	0.023	0.031	0.214	0.216	0.003	0.007	0.061	0.240	0.239	NO
	Right	0.094	0.037	0.012	0.067	0.011	0.020	0.151	0.117	0.161	NO

	Top	0.003	0.026	0.031	0.050	0.008	0.008	0.037	0.042	0.053	NO
	Bottom	0.015	0.047	0.008	0.045	0.001	0.003	0.065	0.024	0.060	NO
GSM1900 Ant0	Front	0.169	0.056	0.009	0.034	0.003	0.010	0.235	0.181	0.203	NO
	Back	0.810	0.044	0.231	0.326	0.045	0.044	0.898	1.086	1.136	NO
	Left	0.010	0.031	0.214	0.216	0.003	0.007	0.048	0.227	0.226	NO
	Right	0.052	0.037	0.012	0.067	0.011	0.020	0.109	0.075	0.119	NO
	Top	0.011	0.026	0.031	0.050	0.008	0.008	0.045	0.050	0.061	NO
	Bottom	0.498	0.047	0.008	0.045	0.001	0.003	0.548	0.507	0.543	NO
WCDMA Band II Ant0	Front	0.244	0.056	0.009	0.034	0.003	0.010	0.310	0.256	0.278	NO
	Back	0.661	0.044	0.231	0.326	0.045	0.044	0.749	0.937	0.987	NO
	Left	0.041	0.031	0.214	0.216	0.003	0.007	0.079	0.258	0.257	NO
	Right	0.129	0.037	0.012	0.067	0.011	0.020	0.186	0.152	0.196	NO
	Top	0.002	0.026	0.031	0.050	0.008	0.008	0.036	0.041	0.052	NO
	Bottom	0.563	0.047	0.008	0.045	0.001	0.003	0.613	0.572	0.608	NO
WCDMA Band IV Ant0	Front	0.624	0.056	0.009	0.034	0.003	0.010	0.690	0.636	0.658	NO
	Back	0.593	0.044	0.231	0.326	0.045	0.044	0.681	0.869	0.919	NO
	Left	0.007	0.031	0.214	0.216	0.003	0.007	0.045	0.224	0.223	NO
	Right	0.051	0.037	0.012	0.067	0.011	0.020	0.108	0.074	0.118	NO
	Top	0.010	0.026	0.031	0.050	0.008	0.008	0.044	0.049	0.060	NO
	Bottom	0.428	0.047	0.008	0.045	0.001	0.003	0.478	0.437	0.473	NO
WCDMA Band V Ant0	Front	0.121	0.056	0.009	0.034	0.003	0.010	0.187	0.133	0.155	NO
	Back	0.189	0.044	0.231	0.326	0.045	0.044	0.277	0.465	0.515	NO
	Left	0.084	0.031	0.214	0.216	0.003	0.007	0.122	0.301	0.300	NO
	Right	0.130	0.037	0.012	0.067	0.011	0.020	0.187	0.153	0.197	NO
	Top	0.005	0.026	0.031	0.050	0.008	0.008	0.039	0.044	0.055	NO
	Bottom	0.015	0.047	0.008	0.045	0.001	0.003	0.065	0.024	0.060	NO
LTE Band 2 Ant1	Front	0.043	0.056	0.009	0.034	0.003	0.010	0.109	0.055	0.077	NO
	Back	0.112	0.044	0.231	0.326	0.045	0.044	0.200	0.388	0.438	NO
	Left	0.006	0.031	0.214	0.216	0.003	0.007	0.044	0.223	0.222	NO
	Right	0.078	0.037	0.012	0.067	0.011	0.020	0.135	0.101	0.145	NO
	Top	0.014	0.026	0.031	0.050	0.008	0.008	0.048	0.053	0.064	NO
	Bottom	0.003	0.047	0.008	0.045	0.001	0.003	0.053	0.012	0.048	NO
LTE Band 2 Ant4	Front	0.120	0.056	0.009	0.034	0.003	0.010	0.186	0.132	0.154	NO
	Back	0.343	0.044	0.231	0.326	0.045	0.044	0.431	0.619	0.669	NO
	Left	0.060	0.031	0.214	0.216	0.003	0.007	0.098	0.277	0.276	NO
	Right	0.002	0.037	0.012	0.067	0.011	0.020	0.059	0.025	0.069	NO
	Top	0.341	0.026	0.031	0.050	0.008	0.008	0.375	0.380	0.391	NO
	Bottom	0.005	0.047	0.008	0.045	0.001	0.003	0.055	0.014	0.050	NO
LTE Band 5 Ant0	Front	0.075	0.056	0.009	0.034	0.003	0.010	0.141	0.087	0.109	NO
	Back	0.136	0.044	0.231	0.326	0.045	0.044	0.224	0.412	0.462	NO
	Left	0.047	0.031	0.214	0.216	0.003	0.007	0.085	0.264	0.263	NO
	Right	0.080	0.037	0.012	0.067	0.011	0.020	0.137	0.103	0.147	NO
	Top	0.008	0.026	0.031	0.050	0.008	0.008	0.042	0.047	0.058	NO
	Bottom	0.020	0.047	0.008	0.045	0.001	0.003	0.070	0.029	0.065	NO
LTE Band 7 Ant0	Front	0.562	0.056	0.009	0.034	0.003	0.010	0.628	0.574	0.596	NO
	Back	0.856	0.044	0.231	0.326	0.045	0.044	0.944	1.132	**1.182**	NO
	Left	0.066	0.031	0.214	0.216	0.003	0.007	0.104	0.283	0.282	NO
	Right	0.137	0.037	0.012	0.067	0.011	0.020	0.194	0.160	0.204	NO
	Top	0.011	0.026	0.031	0.050	0.008	0.008	0.045	0.050	0.061	NO

	Bottom	0.769	0.047	0.008	0.045	0.001	0.003	0.819	0.778	0.814	NO
LTE Band 12 Ant0	Front	0.096	0.056	0.009	0.034	0.003	0.010	0.162	0.108	0.130	NO
	Back	0.160	0.044	0.231	0.326	0.045	0.044	0.248	0.436	0.486	NO
	Left	0.091	0.031	0.214	0.216	0.003	0.007	0.129	0.308	0.307	NO
	Right	0.127	0.037	0.012	0.067	0.011	0.020	0.184	0.150	0.194	NO
	Top	0.008	0.026	0.031	0.050	0.008	0.008	0.042	0.047	0.058	NO
	Bottom	0.018	0.047	0.008	0.045	0.001	0.003	0.068	0.027	0.063	NO
LTE Band 13 Ant0	Front	0.092	0.056	0.009	0.034	0.003	0.010	0.158	0.104	0.126	NO
	Back	0.145	0.044	0.231	0.326	0.045	0.044	0.233	0.421	0.471	NO
	Left	0.063	0.031	0.214	0.216	0.003	0.007	0.101	0.280	0.279	NO
	Right	0.099	0.037	0.012	0.067	0.011	0.020	0.156	0.122	0.166	NO
	Top	0.016	0.026	0.031	0.050	0.008	0.008	0.050	0.055	0.066	NO
	Bottom	0.012	0.047	0.008	0.045	0.001	0.003	0.062	0.021	0.057	NO
LTE Band 14 Ant0	Front	0.087	0.056	0.009	0.034	0.003	0.010	0.153	0.099	0.121	NO
	Back	0.141	0.044	0.231	0.326	0.045	0.044	0.229	0.417	0.467	NO
	Left	0.060	0.031	0.214	0.216	0.003	0.007	0.098	0.277	0.276	NO
	Right	0.096	0.037	0.012	0.067	0.011	0.020	0.153	0.119	0.163	NO
	Top	0.010	0.026	0.031	0.050	0.008	0.008	0.044	0.049	0.060	NO
	Bottom	0.034	0.047	0.008	0.045	0.001	0.003	0.084	0.043	0.079	NO
LTE Band 25 Ant0	Front	0.262	0.056	0.009	0.034	0.003	0.010	0.328	0.274	0.296	NO
	Back	0.793	0.044	0.231	0.326	0.045	0.044	0.881	1.069	1.119	NO
	Left	0.034	0.031	0.214	0.216	0.003	0.007	0.072	0.251	0.250	NO
	Right	0.138	0.037	0.012	0.067	0.011	0.020	0.195	0.161	0.205	NO
	Top	0.013	0.026	0.031	0.050	0.008	0.008	0.047	0.052	0.063	NO
	Bottom	0.791	0.047	0.008	0.045	0.001	0.003	0.841	0.800	0.836	NO
LTE Band 30 Ant0	Front	0.213	0.056	0.009	0.034	0.003	0.010	0.279	0.225	0.247	NO
	Back	0.474	0.044	0.231	0.326	0.045	0.044	0.562	0.750	0.800	NO
	Left	0.033	0.031	0.214	0.216	0.003	0.007	0.071	0.250	0.249	NO
	Right	0.040	0.037	0.012	0.067	0.011	0.020	0.097	0.063	0.107	NO
	Top	0.006	0.026	0.031	0.050	0.008	0.008	0.040	0.045	0.056	NO
	Bottom	0.468	0.047	0.008	0.045	0.001	0.003	0.518	0.477	0.513	NO
LTE Band 30 Ant1	Front	0.013	0.056	0.009	0.034	0.003	0.010	0.079	0.025	0.047	NO
	Back	0.059	0.044	0.231	0.326	0.045	0.044	0.147	0.335	0.385	NO
	Left	0.010	0.031	0.214	0.216	0.003	0.007	0.048	0.227	0.226	NO
	Right	0.005	0.037	0.012	0.067	0.011	0.020	0.062	0.028	0.072	NO
	Top	0.010	0.026	0.031	0.050	0.008	0.008	0.044	0.049	0.060	NO
	Bottom	0.003	0.047	0.008	0.045	0.001	0.003	0.053	0.012	0.048	NO
LTE Band 30 Ant4	Front	0.086	0.056	0.009	0.034	0.003	0.010	0.152	0.098	0.120	NO
	Back	0.356	0.044	0.231	0.326	0.045	0.044	0.444	0.632	0.682	NO
	Left	0.051	0.031	0.214	0.216	0.003	0.007	0.089	0.268	0.267	NO
	Right	0.009	0.037	0.012	0.067	0.011	0.020	0.066	0.032	0.076	NO
	Top	0.268	0.026	0.031	0.050	0.008	0.008	0.302	0.307	0.318	NO
	Bottom	0.004	0.047	0.008	0.045	0.001	0.003	0.054	0.013	0.049	NO
LTE Band 41 Ant0	Front	0.435	0.056	0.009	0.034	0.003	0.010	0.501	0.447	0.469	NO
	Back	0.674	0.044	0.231	0.326	0.045	0.044	0.762	0.950	1.000	NO
	Left	0.040	0.031	0.214	0.216	0.003	0.007	0.078	0.257	0.256	NO
	Right	0.096	0.037	0.012	0.067	0.011	0.020	0.153	0.119	0.163	NO
	Top	0.012	0.026	0.031	0.050	0.008	0.008	0.046	0.051	0.062	NO
	Bottom	0.664	0.047	0.008	0.045	0.001	0.003	0.714	0.673	0.709	NO

LTE Band 42 Ant1	Front	0.006	0.056	0.009	0.034	0.003	0.010	0.072	0.018	0.040	NO
	Back	0.088	0.044	0.231	0.326	0.045	0.044	0.176	0.364	0.414	NO
	Left	0.009	0.031	0.214	0.216	0.003	0.007	0.047	0.226	0.225	NO
	Right	0.052	0.037	0.012	0.067	0.011	0.020	0.109	0.075	0.119	NO
	Top	0.009	0.026	0.031	0.050	0.008	0.008	0.043	0.048	0.059	NO
	Bottom	0.007	0.047	0.008	0.045	0.001	0.003	0.057	0.016	0.052	NO
LTE Band 43 Ant1	Front	0.012	0.056	0.009	0.034	0.003	0.010	0.078	0.024	0.046	NO
	Back	0.153	0.044	0.231	0.326	0.045	0.044	0.241	0.429	0.479	NO
	Left	0.014	0.031	0.214	0.216	0.003	0.007	0.052	0.231	0.230	NO
	Right	0.101	0.037	0.012	0.067	0.011	0.020	0.158	0.124	0.168	NO
	Top	0.015	0.026	0.031	0.050	0.008	0.008	0.049	0.054	0.065	NO
	Bottom	0.017	0.047	0.008	0.045	0.001	0.003	0.067	0.026	0.062	NO
LTE Band 48 Ant1	Front	0.002	0.056	0.009	0.034	0.003	0.010	0.068	0.014	0.036	NO
	Back	0.038	0.044	0.231	0.326	0.045	0.044	0.126	0.314	0.364	NO
	Left	0.003	0.031	0.214	0.216	0.003	0.007	0.041	0.220	0.219	NO
	Right	0.022	0.037	0.012	0.067	0.011	0.020	0.079	0.045	0.089	NO
	Top	0.015	0.026	0.031	0.050	0.008	0.008	0.049	0.054	0.065	NO
	Bottom	0.007	0.047	0.008	0.045	0.001	0.003	0.057	0.016	0.052	NO
LTE Band 66 Ant0	Front	0.133	0.056	0.009	0.034	0.003	0.010	0.199	0.145	0.167	NO
	Back	0.625	0.044	0.231	0.326	0.045	0.044	0.713	0.901	0.951	NO
	Left	0.009	0.031	0.214	0.216	0.003	0.007	0.047	0.226	0.225	NO
	Right	0.041	0.037	0.012	0.067	0.011	0.020	0.098	0.064	0.108	NO
	Top	0.014	0.026	0.031	0.050	0.008	0.008	0.048	0.053	0.064	NO
	Bottom	0.410	0.047	0.008	0.045	0.001	0.003	0.460	0.419	0.455	NO
LTE Band 66 Ant4	Front	0.118	0.056	0.009	0.034	0.003	0.010	0.184	0.130	0.152	NO
	Back	0.385	0.044	0.231	0.326	0.045	0.044	0.473	0.661	0.711	NO
	Left	0.067	0.031	0.214	0.216	0.003	0.007	0.105	0.284	0.283	NO
	Right	0.007	0.037	0.012	0.067	0.011	0.020	0.064	0.030	0.074	NO
	Top	0.371	0.026	0.031	0.050	0.008	0.008	0.405	0.410	0.421	NO
	Bottom	0.003	0.047	0.008	0.045	0.001	0.003	0.053	0.012	0.048	NO
LTE Band 71 Ant0	Front	0.149	0.056	0.009	0.034	0.003	0.010	0.215	0.161	0.183	NO
	Back	0.225	0.044	0.231	0.326	0.045	0.044	0.313	0.501	0.551	NO
	Left	0.149	0.031	0.214	0.216	0.003	0.007	0.187	0.366	0.365	NO
	Right	0.231	0.037	0.012	0.067	0.011	0.020	0.288	0.254	0.298	NO
	Top	0.017	0.026	0.031	0.050	0.008	0.008	0.051	0.056	0.067	NO
	Bottom	0.071	0.047	0.008	0.045	0.001	0.003	0.121	0.080	0.116	NO
NR Band 5 Ant0	Front	0.076	0.056	0.009	0.034	0.003	0.010	0.142	0.088	0.110	NO
	Back	0.130	0.044	0.231	0.326	0.045	0.044	0.218	0.406	0.456	NO
	Left	0.065	0.031	0.214	0.216	0.003	0.007	0.103	0.282	0.281	NO
	Right	0.080	0.037	0.012	0.067	0.011	0.020	0.137	0.103	0.147	NO
	Top	0.011	0.026	0.031	0.050	0.008	0.008	0.045	0.050	0.061	NO
	Bottom	0.010	0.047	0.008	0.045	0.001	0.003	0.060	0.019	0.055	NO
NR Band 12 Ant0	Front	0.085	0.056	0.009	0.034	0.003	0.010	0.151	0.097	0.119	NO
	Back	0.142	0.044	0.231	0.326	0.045	0.044	0.230	0.418	0.468	NO
	Left	0.080	0.031	0.214	0.216	0.003	0.007	0.118	0.297	0.296	NO
	Right	0.112	0.037	0.012	0.067	0.011	0.020	0.169	0.135	0.179	NO
	Top	0.005	0.026	0.031	0.050	0.008	0.008	0.039	0.044	0.055	NO
	Bottom	0.015	0.047	0.008	0.045	0.001	0.003	0.065	0.024	0.060	NO
NR Band	Front	0.123	0.056	0.009	0.034	0.003	0.010	0.189	0.135	0.157	NO

25 Ant0	Back	0.392	0.044	0.231	0.326	0.045	0.044	0.480	0.668	0.718	NO
	Left	0.013	0.031	0.214	0.216	0.003	0.007	0.051	0.230	0.229	NO
	Right	0.060	0.037	0.012	0.067	0.011	0.020	0.117	0.083	0.127	NO
	Top	0.006	0.026	0.031	0.050	0.008	0.008	0.040	0.045	0.056	NO
	Bottom	0.342	0.047	0.008	0.045	0.001	0.003	0.392	0.351	0.387	NO
NR Band 25 Ant1	Front	0.022	0.056	0.009	0.034	0.003	0.010	0.088	0.034	0.056	NO
	Back	0.055	0.044	0.231	0.326	0.045	0.044	0.143	0.331	0.381	NO
	Left	0.014	0.031	0.214	0.216	0.003	0.007	0.052	0.231	0.230	NO
	Right	0.004	0.037	0.012	0.067	0.011	0.020	0.061	0.027	0.071	NO
	Top	0.008	0.026	0.031	0.050	0.008	0.008	0.042	0.047	0.058	NO
	Bottom	0.009	0.047	0.008	0.045	0.001	0.003	0.059	0.018	0.054	NO
NR Band 25 Ant4	Front	0.270	0.056	0.009	0.034	0.003	0.010	0.336	0.282	0.304	NO
	Back	0.750	0.044	0.231	0.326	0.045	0.044	0.838	1.026	1.076	NO
	Left	0.114	0.031	0.214	0.216	0.003	0.007	0.152	0.331	0.330	NO
	Right	0.009	0.037	0.012	0.067	0.011	0.020	0.066	0.032	0.076	NO
	Top	0.704	0.026	0.031	0.050	0.008	0.008	0.738	0.743	0.754	NO
	Bottom	0.012	0.047	0.008	0.045	0.001	0.003	0.062	0.021	0.057	NO
NR Band 30 Ant0	Front	0.162	0.056	0.009	0.034	0.003	0.010	0.228	0.174	0.196	NO
	Back	0.361	0.044	0.231	0.326	0.045	0.044	0.449	0.637	0.687	NO
	Left	0.026	0.031	0.214	0.216	0.003	0.007	0.064	0.243	0.242	NO
	Right	0.030	0.037	0.012	0.067	0.011	0.020	0.087	0.053	0.097	NO
	Top	0.004	0.026	0.031	0.050	0.008	0.008	0.038	0.043	0.054	NO
	Bottom	0.356	0.047	0.008	0.045	0.001	0.003	0.406	0.365	0.401	NO
NR Band 30 Ant1	Front	0.021	0.056	0.009	0.034	0.003	0.010	0.087	0.033	0.055	NO
	Back	0.094	0.044	0.231	0.326	0.045	0.044	0.182	0.370	0.420	NO
	Left	0.015	0.031	0.214	0.216	0.003	0.007	0.053	0.232	0.231	NO
	Right	0.009	0.037	0.012	0.067	0.011	0.020	0.066	0.032	0.076	NO
	Top	0.015	0.026	0.031	0.050	0.008	0.008	0.049	0.054	0.065	NO
	Bottom	0.004	0.047	0.008	0.045	0.001	0.003	0.054	0.013	0.049	NO
NR Band 41 Ant0	Front	0.333	0.056	0.009	0.034	0.003	0.010	0.399	0.345	0.367	NO
	Back	0.467	0.044	0.231	0.326	0.045	0.044	0.555	0.743	0.793	NO
	Left	0.031	0.031	0.214	0.216	0.003	0.007	0.069	0.248	0.247	NO
	Right	0.081	0.037	0.012	0.067	0.011	0.020	0.138	0.104	0.148	NO
	Top	0.003	0.026	0.031	0.050	0.008	0.008	0.037	0.042	0.053	NO
	Bottom	0.525	0.047	0.008	0.045	0.001	0.003	0.575	0.534	0.570	NO
NR Band 41 Ant1	Front	0.017	0.056	0.009	0.034	0.003	0.010	0.083	0.029	0.051	NO
	Back	0.051	0.044	0.231	0.326	0.045	0.044	0.139	0.327	0.377	NO
	Left	0.013	0.031	0.214	0.216	0.003	0.007	0.051	0.230	0.229	NO
	Right	0.009	0.037	0.012	0.067	0.011	0.020	0.066	0.032	0.076	NO
	Top	0.015	0.026	0.031	0.050	0.008	0.008	0.049	0.054	0.065	NO
	Bottom	0.011	0.047	0.008	0.045	0.001	0.003	0.061	0.020	0.056	NO
NR Band 41 Ant2	Front	0.070	0.056	0.009	0.034	0.003	0.010	0.136	0.082	0.104	NO
	Back	0.220	0.044	0.231	0.326	0.045	0.044	0.308	0.496	0.546	NO
	Left	0.006	0.031	0.214	0.216	0.003	0.007	0.044	0.223	0.222	NO
	Right	0.216	0.037	0.012	0.067	0.011	0.020	0.273	0.239	0.283	NO
	Top	0.013	0.026	0.031	0.050	0.008	0.008	0.047	0.052	0.063	NO
	Bottom	0.047	0.047	0.008	0.045	0.001	0.003	0.097	0.056	0.092	NO
NR Band 41 Ant3	Front	0.056	0.056	0.009	0.034	0.003	0.010	0.122	0.068	0.090	NO
	Back	0.244	0.044	0.231	0.326	0.045	0.044	0.332	0.520	0.570	NO

	Left	0.220	0.031	0.214	0.216	0.003	0.007	0.258	0.437	0.436	NO
	Right	0.009	0.037	0.012	0.067	0.011	0.020	0.066	0.032	0.076	NO
	Top	0.004	0.026	0.031	0.050	0.008	0.008	0.038	0.043	0.054	NO
	Bottom	0.004	0.047	0.008	0.045	0.001	0.003	0.054	0.013	0.049	NO
NR Band 66 Ant0	Front	0.126	0.056	0.009	0.034	0.003	0.010	0.192	0.138	0.160	NO
	Back	0.495	0.044	0.231	0.326	0.045	0.044	0.583	0.771	0.821	NO
	Left	0.010	0.031	0.214	0.216	0.003	0.007	0.048	0.227	0.226	NO
	Right	0.039	0.037	0.012	0.067	0.011	0.020	0.096	0.062	0.106	NO
	Top	0.006	0.026	0.031	0.050	0.008	0.008	0.040	0.045	0.056	NO
	Bottom	0.392	0.047	0.008	0.045	0.001	0.003	0.442	0.401	0.437	NO
NR Band 66 Ant4	Front	0.208	0.056	0.009	0.034	0.003	0.010	0.274	0.220	0.242	NO
	Back	0.490	0.044	0.231	0.326	0.045	0.044	0.578	0.766	0.816	NO
	Left	0.083	0.031	0.214	0.216	0.003	0.007	0.121	0.300	0.299	NO
	Right	0.003	0.037	0.012	0.067	0.011	0.020	0.060	0.026	0.070	NO
	Top	0.465	0.026	0.031	0.050	0.008	0.008	0.499	0.504	0.515	NO
	Bottom	0.008	0.047	0.008	0.045	0.001	0.003	0.058	0.017	0.053	NO
NR Band 71 Ant0	Front	0.114	0.056	0.009	0.034	0.003	0.010	0.180	0.126	0.148	NO
	Back	0.163	0.044	0.231	0.326	0.045	0.044	0.251	0.439	0.489	NO
	Left	0.118	0.031	0.214	0.216	0.003	0.007	0.156	0.335	0.334	NO
	Right	0.171	0.037	0.012	0.067	0.011	0.020	0.228	0.194	0.238	NO
	Top	0.015	0.026	0.031	0.050	0.008	0.008	0.049	0.054	0.065	NO
	Bottom	0.041	0.047	0.008	0.045	0.001	0.003	0.091	0.050	0.086	NO
NR Band 48 Ant1	Front	0.014	0.056	0.009	0.034	0.003	0.010	0.080	0.026	0.048	NO
	Back	0.271	0.044	0.231	0.326	0.045	0.044	0.359	0.547	0.597	NO
	Left	0.014	0.031	0.214	0.216	0.003	0.007	0.052	0.231	0.230	NO
	Right	0.198	0.037	0.012	0.067	0.011	0.020	0.255	0.221	0.265	NO
	Top	0.012	0.026	0.031	0.050	0.008	0.008	0.046	0.051	0.062	NO
	Bottom	0.015	0.047	0.008	0.045	0.001	0.003	0.065	0.024	0.060	NO
NR Band 77 Ant1	Front	0.007	0.056	0.009	0.034	0.003	0.010	0.073	0.019	0.041	NO
	Back	0.139	0.044	0.231	0.326	0.045	0.044	0.227	0.415	0.465	NO
	Left	0.009	0.031	0.214	0.216	0.003	0.007	0.047	0.226	0.225	NO
	Right	0.102	0.037	0.012	0.067	0.011	0.020	0.159	0.125	0.169	NO
	Top	0.011	0.026	0.031	0.050	0.008	0.008	0.045	0.050	0.061	NO
	Bottom	0.005	0.047	0.008	0.045	0.001	0.003	0.055	0.014	0.050	NO
NR Band 77 Ant2	Front	0.241	0.056	0.009	0.034	0.003	0.010	0.307	0.253	0.275	NO
	Back	0.779	0.044	0.231	0.326	0.045	0.044	0.867	1.055	1.105	NO
	Left	0.008	0.031	0.214	0.216	0.003	0.007	0.046	0.225	0.224	NO
	Right	0.622	0.037	0.012	0.067	0.011	0.020	0.679	0.645	0.689	NO
	Top	0.016	0.026	0.031	0.050	0.008	0.008	0.050	0.055	0.066	NO
	Bottom	0.187	0.047	0.008	0.045	0.001	0.003	0.237	0.196	0.232	NO
NR Band 77 Ant3	Front	0.129	0.056	0.009	0.034	0.003	0.010	0.195	0.141	0.163	NO
	Back	0.712	0.044	0.231	0.326	0.045	0.044	0.800	0.988	1.038	NO
	Left	0.745	0.031	0.214	0.216	0.003	0.007	0.783	0.962	0.961	NO
	Right	0.010	0.037	0.012	0.067	0.011	0.020	0.067	0.033	0.077	NO
	Top	0.011	0.026	0.031	0.050	0.008	0.008	0.045	0.050	0.061	NO
	Bottom	0.017	0.047	0.008	0.045	0.001	0.003	0.067	0.026	0.062	NO
NR Band 77 Ant4	Front	0.143	0.056	0.009	0.034	0.003	0.010	0.209	0.155	0.177	NO
	Back	0.833	0.044	0.231	0.326	0.045	0.044	0.921	1.109	1.159	NO
	Left	0.142	0.031	0.214	0.216	0.003	0.007	0.180	0.359	0.358	NO

	Right	0.009	0.037	0.012	0.067	0.011	0.020	0.066	0.032	0.076	NO
	Top	0.802	0.026	0.031	0.050	0.008	0.008	0.836	0.841	0.852	NO
	Bottom	0.009	0.047	0.008	0.045	0.001	0.003	0.059	0.018	0.054	NO

Simultaneous Transmission ENDC SAR Summation Scenario for Hotspot

WWAN Band	WWAN Band	Exposure position	① MAX. WWAN SAR (W/kg)	② MAX. WWAN SAR (W/kg)	③MAX. WLAN6E Ant6 SAR (W/kg)	④MAX. WLAN6E Ant7 SAR (W/kg)	⑤MAX. WLAN6E MIMO SAR (W/kg)	⑥ MAX. BT Ant6 SAR (W/kg)	⑦ MAX. BT Ant7 SAR (W/kg)	Summed SAR ①+②+③+⑦	Summed SAR ①+②+④+⑥	Summed SAR ①+②+⑤	Volume scan
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.043	0.076	0.056	0.009	0.034	0.003	0.010	0.185	0.131	0.153	NO
		Back	0.112	0.130	0.044	0.231	0.326	0.045	0.044	0.330	0.518	0.568	NO
		Left	0.006	0.065	0.031	0.214	0.216	0.003	0.007	0.109	0.288	0.287	NO
		Right	0.078	0.080	0.037	0.012	0.067	0.011	0.020	0.215	0.181	0.225	NO
		Top	0.014	0.011	0.026	0.031	0.050	0.008	0.008	0.059	0.064	0.075	NO
		Bottom	0.003	0.010	0.047	0.008	0.045	0.001	0.003	0.063	0.022	0.058	NO
LTE Band 30 Ant1	NR Band 5 Ant0	Front	0.013	0.076	0.056	0.009	0.034	0.003	0.010	0.155	0.101	0.123	NO
		Back	0.059	0.130	0.044	0.231	0.326	0.045	0.044	0.277	0.465	0.515	NO
		Left	0.010	0.065	0.031	0.214	0.216	0.003	0.007	0.113	0.292	0.291	NO
		Right	0.005	0.080	0.037	0.012	0.067	0.011	0.020	0.142	0.108	0.152	NO
		Top	0.010	0.011	0.026	0.031	0.050	0.008	0.008	0.055	0.060	0.071	NO
		Bottom	0.003	0.010	0.047	0.008	0.045	0.001	0.003	0.063	0.022	0.058	NO
LTE Band 2 Ant4	NR Band 66 Ant0	Front	0.120	0.126	0.056	0.009	0.034	0.003	0.010	0.312	0.258	0.280	NO
		Back	0.343	0.495	0.044	0.231	0.326	0.045	0.044	0.926	1.114	1.164	NO
		Left	0.060	0.010	0.031	0.214	0.216	0.003	0.007	0.108	0.287	0.286	NO
		Right	0.002	0.039	0.037	0.012	0.067	0.011	0.020	0.098	0.064	0.108	NO
		Top	0.341	0.006	0.026	0.031	0.050	0.008	0.008	0.381	0.386	0.397	NO
		Bottom	0.005	0.392	0.047	0.008	0.045	0.001	0.003	0.447	0.406	0.442	NO
LTE Band 30 Ant4	NR Band 66 Ant0	Front	0.086	0.126	0.056	0.009	0.034	0.003	0.010	0.278	0.224	0.246	NO
		Back	0.356	0.495	0.044	0.231	0.326	0.045	0.044	0.939	1.127	1.177	NO
		Left	0.051	0.010	0.031	0.214	0.216	0.003	0.007	0.099	0.278	0.277	NO
		Right	0.009	0.039	0.037	0.012	0.067	0.011	0.020	0.105	0.071	0.115	NO
		Top	0.268	0.006	0.026	0.031	0.050	0.008	0.008	0.308	0.313	0.324	NO
		Bottom	0.004	0.392	0.047	0.008	0.045	0.001	0.003	0.446	0.405	0.441	NO
LTE Band 5 Ant0	NR Band 2 Ant1	Front	0.075	0.022	0.056	0.009	0.034	0.003	0.010	0.163	0.109	0.131	NO
		Back	0.136	0.055	0.044	0.231	0.326	0.045	0.044	0.279	0.467	0.517	NO
		Left	0.047	0.014	0.031	0.214	0.216	0.003	0.007	0.099	0.278	0.277	NO
		Right	0.080	0.004	0.037	0.012	0.067	0.011	0.020	0.141	0.107	0.151	NO
		Top	0.008	0.008	0.026	0.031	0.050	0.008	0.008	0.050	0.055	0.066	NO
		Bottom	0.020	0.009	0.047	0.008	0.045	0.001	0.003	0.079	0.038	0.074	NO
LTE Band 12 Ant0	NR Band 2 Ant1	Front	0.096	0.022	0.056	0.009	0.034	0.003	0.010	0.184	0.130	0.152	NO
		Back	0.160	0.055	0.044	0.231	0.326	0.045	0.044	0.303	0.491	0.541	NO
		Left	0.091	0.014	0.031	0.214	0.216	0.003	0.007	0.143	0.322	0.321	NO
		Right	0.127	0.004	0.037	0.012	0.067	0.011	0.020	0.188	0.154	0.198	NO
		Top	0.008	0.008	0.026	0.031	0.050	0.008	0.008	0.050	0.055	0.066	NO
		Bottom	0.018	0.009	0.047	0.008	0.045	0.001	0.003	0.077	0.036	0.072	NO
LTE Band 30 Ant4	NR Band 2 Ant0	Front	0.086	0.123	0.056	0.009	0.034	0.003	0.010	0.275	0.221	0.243	NO
		Back	0.356	0.392	0.044	0.231	0.326	0.045	0.044	0.836	1.024	1.074	NO
		Left	0.051	0.013	0.031	0.214	0.216	0.003	0.007	0.102	0.281	0.280	NO

		Right	0.009	0.060	0.037	0.012	0.067	0.011	0.020	0.126	0.092	0.136	NO
		Top	0.268	0.006	0.026	0.031	0.050	0.008	0.008	0.308	0.313	0.324	NO
		Bottom	0.004	0.342	0.047	0.008	0.045	0.001	0.003	0.396	0.355	0.391	NO
LTE Band 66 Ant4	NR Band 2 Ant0	Front	0.118	0.123	0.056	0.009	0.034	0.003	0.010	0.307	0.253	0.275	NO
		Back	0.385	0.392	0.044	0.231	0.326	0.045	0.044	0.865	1.053	1.103	NO
		Left	0.067	0.013	0.031	0.214	0.216	0.003	0.007	0.118	0.297	0.296	NO
		Right	0.007	0.060	0.037	0.012	0.067	0.011	0.020	0.124	0.090	0.134	NO
		Top	0.371	0.006	0.026	0.031	0.050	0.008	0.008	0.411	0.416	0.427	NO
		Bottom	0.003	0.342	0.047	0.008	0.045	0.001	0.003	0.395	0.354	0.390	NO
LTE Band 2 Ant4	NR Band 30 Ant0	Front	0.120	0.162	0.056	0.009	0.034	0.003	0.010	0.348	0.294	0.316	NO
		Back	0.343	0.361	0.044	0.231	0.326	0.045	0.044	0.792	0.980	1.030	NO
		Left	0.060	0.026	0.031	0.214	0.216	0.003	0.007	0.124	0.303	0.302	NO
		Right	0.002	0.030	0.037	0.012	0.067	0.011	0.020	0.089	0.055	0.099	NO
		Top	0.341	0.004	0.026	0.031	0.050	0.008	0.008	0.379	0.384	0.395	NO
		Bottom	0.005	0.356	0.047	0.008	0.045	0.001	0.003	0.411	0.370	0.406	NO
LTE Band 5 Ant0	NR Band 30 Ant1	Front	0.075	0.021	0.056	0.009	0.034	0.003	0.010	0.162	0.108	0.130	NO
		Back	0.136	0.094	0.044	0.231	0.326	0.045	0.044	0.318	0.506	0.556	NO
		Left	0.047	0.015	0.031	0.214	0.216	0.003	0.007	0.100	0.279	0.278	NO
		Right	0.080	0.009	0.037	0.012	0.067	0.011	0.020	0.146	0.112	0.156	NO
		Top	0.008	0.015	0.026	0.031	0.050	0.008	0.008	0.057	0.062	0.073	NO
		Bottom	0.020	0.004	0.047	0.008	0.045	0.001	0.003	0.074	0.033	0.069	NO
LTE Band 12 Ant0	NR Band 30 Ant1	Front	0.096	0.021	0.056	0.009	0.034	0.003	0.010	0.183	0.129	0.151	NO
		Back	0.160	0.094	0.044	0.231	0.326	0.045	0.044	0.342	0.530	0.580	NO
		Left	0.091	0.015	0.031	0.214	0.216	0.003	0.007	0.144	0.323	0.322	NO
		Right	0.127	0.009	0.037	0.012	0.067	0.011	0.020	0.193	0.159	0.203	NO
		Top	0.008	0.015	0.026	0.031	0.050	0.008	0.008	0.057	0.062	0.073	NO
		Bottom	0.018	0.004	0.047	0.008	0.045	0.001	0.003	0.072	0.031	0.067	NO
LTE Band 14 Ant0	NR Band 30 Ant1	Front	0.087	0.021	0.056	0.009	0.034	0.003	0.010	0.174	0.120	0.142	NO
		Back	0.141	0.094	0.044	0.231	0.326	0.045	0.044	0.323	0.511	0.561	NO
		Left	0.060	0.015	0.031	0.214	0.216	0.003	0.007	0.113	0.292	0.291	NO
		Right	0.096	0.009	0.037	0.012	0.067	0.011	0.020	0.162	0.128	0.172	NO
		Top	0.010	0.015	0.026	0.031	0.050	0.008	0.008	0.059	0.064	0.075	NO
		Bottom	0.034	0.004	0.047	0.008	0.045	0.001	0.003	0.088	0.047	0.083	NO
LTE Band 66 Ant4	NR Band 30 Ant0	Front	0.118	0.162	0.056	0.009	0.034	0.003	0.010	0.346	0.292	0.314	NO
		Back	0.385	0.361	0.044	0.231	0.326	0.045	0.044	0.834	1.022	1.072	NO
		Left	0.067	0.026	0.031	0.214	0.216	0.003	0.007	0.131	0.310	0.309	NO
		Right	0.007	0.030	0.037	0.012	0.067	0.011	0.020	0.094	0.060	0.104	NO
		Top	0.371	0.004	0.026	0.031	0.050	0.008	0.008	0.409	0.414	0.425	NO
		Bottom	0.003	0.356	0.047	0.008	0.045	0.001	0.003	0.409	0.368	0.404	NO
LTE Band 2 Ant4	NR Band 77 Ant1	Front	0.120	0.007	0.056	0.009	0.034	0.003	0.010	0.193	0.139	0.161	NO
		Back	0.343	0.139	0.044	0.231	0.326	0.045	0.044	0.570	0.758	0.808	NO
		Left	0.060	0.009	0.031	0.214	0.216	0.003	0.007	0.107	0.286	0.285	NO
		Right	0.002	0.102	0.037	0.012	0.067	0.011	0.020	0.161	0.127	0.171	NO
		Top	0.341	0.011	0.026	0.031	0.050	0.008	0.008	0.386	0.391	0.402	NO
		Bottom	0.005	0.005	0.047	0.008	0.045	0.001	0.003	0.060	0.019	0.055	NO
LTE Band 66 Ant4	NR Band 77 Ant1	Front	0.118	0.007	0.056	0.009	0.034	0.003	0.010	0.191	0.137	0.159	NO
		Back	0.385	0.139	0.044	0.231	0.326	0.045	0.044	0.612	0.800	0.850	NO
		Left	0.067	0.009	0.031	0.214	0.216	0.003	0.007	0.114	0.293	0.292	NO
		Right	0.007	0.102	0.037	0.012	0.067	0.011	0.020	0.166	0.132	0.176	NO

		Top	0.371	0.011	0.026	0.031	0.050	0.008	0.008	0.416	0.421	0.432	NO
		Bottom	0.003	0.005	0.047	0.008	0.045	0.001	0.003	0.058	0.017	0.053	NO
LTE Band 12 Ant0	NR Band 77 Ant1	Front	0.096	0.007	0.056	0.009	0.034	0.003	0.010	0.169	0.115	0.137	NO
		Back	0.160	0.139	0.044	0.231	0.326	0.045	0.044	0.387	0.575	0.625	NO
		Left	0.091	0.009	0.031	0.214	0.216	0.003	0.007	0.138	0.317	0.316	NO
		Right	0.127	0.102	0.037	0.012	0.067	0.011	0.020	0.286	0.252	0.296	NO
		Top	0.008	0.011	0.026	0.031	0.050	0.008	0.008	0.053	0.058	0.069	NO
		Bottom	0.018	0.005	0.047	0.008	0.045	0.001	0.003	0.073	0.032	0.068	NO
LTE Band 14 Ant0	NR Band 77 Ant1	Front	0.087	0.007	0.056	0.009	0.034	0.003	0.010	0.160	0.106	0.128	NO
		Back	0.141	0.139	0.044	0.231	0.326	0.045	0.044	0.368	0.556	0.606	NO
		Left	0.060	0.009	0.031	0.214	0.216	0.003	0.007	0.107	0.286	0.285	NO
		Right	0.096	0.102	0.037	0.012	0.067	0.011	0.020	0.255	0.221	0.265	NO
		Top	0.010	0.011	0.026	0.031	0.050	0.008	0.008	0.055	0.060	0.071	NO
		Bottom	0.034	0.005	0.047	0.008	0.045	0.001	0.003	0.089	0.048	0.084	NO
LTE Band 14 Ant0	NR Band 2 Ant1	Front	0.087	0.022	0.056	0.009	0.034	0.003	0.010	0.175	0.121	0.143	NO
		Back	0.141	0.055	0.044	0.231	0.326	0.045	0.044	0.284	0.472	0.522	NO
		Left	0.060	0.014	0.031	0.214	0.216	0.003	0.007	0.112	0.291	0.290	NO
		Right	0.096	0.004	0.037	0.012	0.067	0.011	0.020	0.157	0.123	0.167	NO
		Top	0.010	0.008	0.026	0.031	0.050	0.008	0.008	0.052	0.057	0.068	NO
		Bottom	0.034	0.009	0.047	0.008	0.045	0.001	0.003	0.093	0.052	0.088	NO
LTE Band 2 Ant1	NR Band 71 Ant0	Front	0.043	0.114	0.056	0.009	0.034	0.003	0.010	0.223	0.169	0.191	NO
		Back	0.112	0.163	0.044	0.231	0.326	0.045	0.044	0.363	0.551	0.601	NO
		Left	0.006	0.118	0.031	0.214	0.216	0.003	0.007	0.162	0.341	0.340	NO
		Right	0.078	0.171	0.037	0.012	0.067	0.011	0.020	0.306	0.272	0.316	NO
		Top	0.014	0.015	0.026	0.031	0.050	0.008	0.008	0.063	0.068	0.079	NO
		Bottom	0.003	0.041	0.047	0.008	0.045	0.001	0.003	0.094	0.053	0.089	NO
LTE Band 2 Ant4	NR Band 41 Ant0	Front	0.120	0.333	0.056	0.009	0.034	0.003	0.010	0.519	0.465	0.487	NO
		Back	0.343	0.467	0.044	0.231	0.326	0.045	0.044	0.898	1.086	1.136	NO
		Left	0.060	0.031	0.031	0.214	0.216	0.003	0.007	0.129	0.308	0.307	NO
		Right	0.002	0.081	0.037	0.012	0.067	0.011	0.020	0.140	0.106	0.150	NO
		Top	0.341	0.003	0.026	0.031	0.050	0.008	0.008	0.378	0.383	0.394	NO
		Bottom	0.005	0.525	0.047	0.008	0.045	0.001	0.003	0.580	0.539	0.575	NO
LTE Band 12 Ant0	NR Band 25 Ant1	Front	0.096	0.022	0.056	0.009	0.034	0.003	0.010	0.184	0.130	0.152	NO
		Back	0.160	0.055	0.044	0.231	0.326	0.045	0.044	0.303	0.491	0.541	NO
		Left	0.091	0.014	0.031	0.214	0.216	0.003	0.007	0.143	0.322	0.321	NO
		Right	0.127	0.004	0.037	0.012	0.067	0.011	0.020	0.188	0.154	0.198	NO
		Top	0.008	0.008	0.026	0.031	0.050	0.008	0.008	0.050	0.055	0.066	NO
		Bottom	0.018	0.009	0.047	0.008	0.045	0.001	0.003	0.077	0.036	0.072	NO
LTE Band 66 Ant4	NR Band 25 Ant0	Front	0.118	0.123	0.056	0.009	0.034	0.003	0.010	0.307	0.253	0.275	NO
		Back	0.385	0.392	0.044	0.231	0.326	0.045	0.044	0.865	1.053	1.103	NO
		Left	0.067	0.013	0.031	0.214	0.216	0.003	0.007	0.118	0.297	0.296	NO
		Right	0.007	0.060	0.037	0.012	0.067	0.011	0.020	0.124	0.090	0.134	NO
		Top	0.371	0.006	0.026	0.031	0.050	0.008	0.008	0.411	0.416	0.427	NO
		Bottom	0.003	0.342	0.047	0.008	0.045	0.001	0.003	0.395	0.354	0.390	NO
LTE Band 66 Ant4	NR Band 41 Ant0	Front	0.118	0.333	0.056	0.009	0.034	0.003	0.010	0.517	0.463	0.485	NO
		Back	0.385	0.467	0.044	0.231	0.326	0.045	0.044	0.940	1.128	**1.178**	NO
		Left	0.067	0.031	0.031	0.214	0.216	0.003	0.007	0.136	0.315	0.314	NO
		Right	0.007	0.081	0.037	0.012	0.067	0.011	0.020	0.145	0.111	0.155	NO
		Top	0.371	0.003	0.026	0.031	0.050	0.008	0.008	0.408	0.413	0.424	NO

		Bottom	0.003	0.525	0.047	0.008	0.045	0.001	0.003	0.578	0.537	0.573	NO
LTE Band 2 Ant4	NR Band 48 Ant1	Front	0.120	0.014	0.056	0.009	0.034	0.003	0.010	0.200	0.146	0.168	NO
		Back	0.343	0.271	0.044	0.231	0.326	0.045	0.044	0.702	0.890	0.940	NO
		Left	0.060	0.014	0.031	0.214	0.216	0.003	0.007	0.112	0.291	0.290	NO
		Right	0.002	0.198	0.037	0.012	0.067	0.011	0.020	0.257	0.223	0.267	NO
		Top	0.341	0.012	0.026	0.031	0.050	0.008	0.008	0.387	0.392	0.403	NO
		Bottom	0.005	0.015	0.047	0.008	0.045	0.001	0.003	0.070	0.029	0.065	NO
LTE Band 66 Ant4	NR Band 48 Ant1	Front	0.118	0.014	0.056	0.009	0.034	0.003	0.010	0.198	0.144	0.166	NO
		Back	0.385	0.271	0.044	0.231	0.326	0.045	0.044	0.744	0.932	0.982	NO
		Left	0.067	0.014	0.031	0.214	0.216	0.003	0.007	0.119	0.298	0.297	NO
		Right	0.007	0.198	0.037	0.012	0.067	0.011	0.020	0.262	0.228	0.272	NO
		Top	0.371	0.012	0.026	0.031	0.050	0.008	0.008	0.417	0.422	0.433	NO
		Bottom	0.003	0.015	0.047	0.008	0.045	0.001	0.003	0.068	0.027	0.063	NO
LTE Band 48 Ant1	NR Band 66 Ant4	Front	0.002	0.208	0.056	0.009	0.034	0.003	0.010	0.276	0.222	0.244	NO
		Back	0.038	0.490	0.044	0.231	0.326	0.045	0.044	0.616	0.804	0.854	NO
		Left	0.003	0.083	0.031	0.214	0.216	0.003	0.007	0.124	0.303	0.302	NO
		Right	0.022	0.003	0.037	0.012	0.067	0.011	0.020	0.082	0.048	0.092	NO
		Top	0.015	0.465	0.026	0.031	0.050	0.008	0.008	0.514	0.519	0.530	NO
		Bottom	0.007	0.008	0.047	0.008	0.045	0.001	0.003	0.065	0.024	0.060	NO
LTE Band 48 Ant1	NR Band 25 Ant4	Front	0.002	0.270	0.056	0.009	0.034	0.003	0.010	0.338	0.284	0.306	NO
		Back	0.038	0.750	0.044	0.231	0.326	0.045	0.044	0.876	1.064	1.114	NO
		Left	0.003	0.114	0.031	0.214	0.216	0.003	0.007	0.155	0.334	0.333	NO
		Right	0.022	0.009	0.037	0.012	0.067	0.011	0.020	0.088	0.054	0.098	NO
		Top	0.015	0.704	0.026	0.031	0.050	0.008	0.008	0.753	0.758	0.769	NO
		Bottom	0.007	0.012	0.047	0.008	0.045	0.001	0.003	0.069	0.028	0.064	NO
LTE Band 13 Ant0	NR Band 2 Ant1	Front	0.092	0.022	0.056	0.009	0.034	0.003	0.010	0.180	0.126	0.148	NO
		Back	0.145	0.055	0.044	0.231	0.326	0.045	0.044	0.288	0.476	0.526	NO
		Left	0.063	0.014	0.031	0.214	0.216	0.003	0.007	0.115	0.294	0.293	NO
		Right	0.099	0.004	0.037	0.012	0.067	0.011	0.020	0.160	0.126	0.170	NO
		Top	0.016	0.008	0.026	0.031	0.050	0.008	0.008	0.058	0.063	0.074	NO
		Bottom	0.012	0.009	0.047	0.008	0.045	0.001	0.003	0.071	0.030	0.066	NO
LTE Band 2 Ant1	NR Band 5 Ant0	Front	0.043	0.076	0.056	0.009	0.034	0.003	0.010	0.185	0.131	0.153	NO
		Back	0.112	0.130	0.044	0.231	0.326	0.045	0.044	0.330	0.518	0.568	NO
		Left	0.006	0.065	0.031	0.214	0.216	0.003	0.007	0.109	0.288	0.287	NO
		Right	0.078	0.080	0.037	0.012	0.067	0.011	0.020	0.215	0.181	0.225	NO
		Top	0.014	0.011	0.026	0.031	0.050	0.008	0.008	0.059	0.064	0.075	NO
		Bottom	0.003	0.010	0.047	0.008	0.045	0.001	0.003	0.063	0.022	0.058	NO
LTE Band 48 Ant1	NR Band 5 Ant0	Front	0.002	0.076	0.056	0.009	0.034	0.003	0.010	0.144	0.090	0.112	NO
		Back	0.038	0.130	0.044	0.231	0.326	0.045	0.044	0.256	0.444	0.494	NO
		Left	0.003	0.065	0.031	0.214	0.216	0.003	0.007	0.106	0.285	0.284	NO
		Right	0.022	0.080	0.037	0.012	0.067	0.011	0.020	0.159	0.125	0.169	NO
		Top	0.015	0.011	0.026	0.031	0.050	0.008	0.008	0.060	0.065	0.076	NO
		Bottom	0.007	0.010	0.047	0.008	0.045	0.001	0.003	0.067	0.026	0.062	NO
LTE Band 13 Ant0	NR Band 77 Ant1	Front	0.092	0.007	0.056	0.009	0.034	0.003	0.010	0.165	0.111	0.133	NO
		Back	0.145	0.139	0.044	0.231	0.326	0.045	0.044	0.372	0.560	0.610	NO
		Left	0.063	0.009	0.031	0.214	0.216	0.003	0.007	0.110	0.289	0.288	NO
		Right	0.099	0.102	0.037	0.012	0.067	0.011	0.020	0.258	0.224	0.268	NO
		Top	0.016	0.011	0.026	0.031	0.050	0.008	0.008	0.061	0.066	0.077	NO
		Bottom	0.012	0.005	0.047	0.008	0.045	0.001	0.003	0.067	0.026	0.062	NO

LTE Band 5 Ant0	NR Band 77 Ant1	Front	0.075	0.007	0.056	0.009	0.034	0.003	0.010	0.148	0.094	0.116	NO
		Back	0.136	0.139	0.044	0.231	0.326	0.045	0.044	0.363	0.551	0.601	NO
		Left	0.047	0.009	0.031	0.214	0.216	0.003	0.007	0.094	0.273	0.272	NO
		Right	0.080	0.102	0.037	0.012	0.067	0.011	0.020	0.239	0.205	0.249	NO
		Top	0.008	0.011	0.026	0.031	0.050	0.008	0.008	0.053	0.058	0.069	NO
		Bottom	0.020	0.005	0.047	0.008	0.045	0.001	0.003	0.075	0.034	0.070	NO

9 Equipment list

Test Platform		SPEAG DASY8 Professional				
Description		SAR Test System (Frequency range 600MHz-6GHz)				
Software Reference		DASY8; SEMCAD				
Hardware Reference						
Equipment		Manufacturer	Model	Serial Number	Calibration Date	Due date of calibration
☒	DAE	SPEAG	DAE4ip	1826	2023/12/27	2024/12/26
☒	E-field PROBE	SPEAG	EX3DV4	7833	2023/08/24	2024/08/23
☒	Dipole	SPEAG	D750V3	1188	2022/03/29	2025/03/28
☒	Dipole	SPEAG	D835V2	4d114	2022/03/31	2025/03/30
☒	Dipole	SPEAG	D1800V2	2d170	2022/03/31	2025/03/30
☒	Dipole	SPEAG	D1900V2	5d136	2022/06/07	2025/06/06
☒	Dipole	SPEAG	D2300V2	1096	2022/03/31	2025/03/30
☒	Dipole	SPEAG	D2450V2	817	2022/04/01	2025/03/31
☒	Dipole	SPEAG	D2600V2	1158	2022/03/31	2025/03/30
☒	Dipole	SPEAG	D3500V2	1101	2021/09/09	2024/09/08
☒	Dipole	SPEAG	D3700V2	1103	2021/09/09	2024/09/08
☒	Dipole	SPEAG	D3900V2	1080	2021/09/13	2024/09/12
☒	Dipole	SPEAG	D5GHzV2	1095	2022/06/01	2025/05/31
☒	Signal Generator	R&S	SMBV100B	103571	2023/03/16	2024/03/15
☒	S-Parameter Network Analyzer	Agilent	E5071C	MY46417539	2023/03/31	2024/03/30
☒	Communication System	Anritsu	CMW500	159275	2023/08/22	2024/08/23
☒	Power meter	Anritsu	ML2495A	1445010	2023/03/16	2024/03/15
☒	Power sensor	Anritsu	MA2411B	1339220	2023/03/16	2024/03/15
☒	Signal Analyzer	KEYSIGHT	N9030B	MY61330164	2024/01/15	2025/01/13
☒	Electro Thermometer	DF	TH608	N/A	2024/02/26	2025/02/25
☒	SAM PHANTOM (ELI4 v4.0)	SPEAG	QDOVA004AA	2217	N/A	N/A
☒	Twin SAM Phantom	SPEAG	QD000P41AA	2155	N/A	N/A
☒	DAK-3.5 probe	SPEAG	DAK-3.5	1333	N/A	N/A

Note: All the equipments are within the valid period when the tests are performed.

10 Calibration certificate

Please see the Appendix C

11 Photographs

Please see the Appendix D

Appendix A: Detailed System Check Results

Appendix B: Detailed Test Results

Appendix C: Calibration certificate

Appendix D: Photographs

- End of the Report -