



SAR Test Report

Report No.: STS2605201H01

Issued for

Clover Industrial Co., Ltd

Factory Building 4,Hengchangrong High-tech Industrial
Park,Shangnan East Road,Hongtian, Huangpu
Community,Xinqiao Street,Baoan District,Shenzhen

Product Name: Tablet PC

Brand Name: N/A

Model Name: G17

Series Model(s): N/A

FCC ID: 2BCQA-G17

Test Standard: ANSI/IEEE Std. C95.1
FCC 47 CFR Part 2 (2.1093)
IEEE Std. 1528-2013

Max. Report SAR (1g) Body:1.040 W/kg

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.



TEST REPORT CERTIFICATION

Applicant's name : Clover Industrial Co., Ltd
Factory Building 4,Hengchangrong High-tech Industrial
Address : Park,Shangnan East Road,Hongtian, Huangpu
Community,Xinqiao Street,Baoan District,Shenzhen
Manufacturer's Name : Clover Industrial Co., Ltd
Factory Building 4,Hengchangrong High-tech Industrial
Address : Park,Shangnan East Road,Hongtian, Huangpu
Community,Xinqiao Street,Baoan District,Shenzhen

Product description

Product name : Tablet PC
Brand name : N/A
Model name : G17
Series Model..... : N/A

Standards..... : ANSI/IEEE Std. C95.1
FCC 47 CFR Part 2 (2.1093)
IEEE Std. 1528-2013

The device was tested by Shenzhen STS Test Services Co., Ltd. in accordance with the measurement methods and procedures specified in KDB 865664 The test results in this report apply only to the tested sample of the stated device/equipment. Other similar device/equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Date of Test..... :

Date (s) of performance of tests..... : 13 May 2026 ~ 23 June 2026

Date of Issue : 26 June 2026

Test Result..... : **Pass**

Testing Engineer :

(Xin.Liu)

Technical Manager :

(Eric Zhou)

Authorized Signatory :

(Bovey Yang)



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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	26 June 2026	STS2605201H01	ALL	Initial Issue



1. General Information

Environmental evaluation measurements of specific absorption rate (SAR) distributions in emulated human head and body tissues exposed to radio frequency (RF) radiation from wireless porTablet PC devices for compliance with the rules and regulations of the U.S. Federal Communications Commission (FCC).

1.1 EUT Description

Product Name	Tablet PC
Brand Name	N/A
Model Name	G17
Series Model	N/A
Sample number	260527005-1
Battery	Rated Voltage:3.85V Capacity:5000mAh
Device Category	PorTablet PC
Product stage	Production unit
RF Exposure Environment	General Population / Uncontrolled
Hardware Version	JF868N I1.0
Software Version	Android 16
Frequency Range	GSM 850: 824 MHz ~ 849 MHz PCS1900: 1850 MHz ~ 1910 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV:1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7:2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 824 MHz / 824 MHz ~ 849 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 617 MHz ~ 652 MHz WLAN802.11b/g/n20: 2412 MHz ~ 2462 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5150 ~ 5250 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5250 ~ 5350 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5470 ~ 5725 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5725 ~ 5850 MHz Bluetooth: 2402 MHz to 2480 MHz GPS: 1 559 MHz to 1 610MHz



Max. Reported SAR(1g): (Limit:1.6W/kg) Test distance: Body:0mm	Band	Mode	Body Worn and Hotspot(W/kg)
	PCB	GSM 850	0.200
	PCB	GSM 1900	0.255
	PCB	WCDMA Band II	1.007
	PCB	WCDMA Band V	0.113
	PCB	WCDMA Band IV	0.587
	PCB	LTE Band 7	0.167
	PCB	LTE Band 12/17	0.100
	PCB	LTE Band 13	0.099
	PCB	LTE Band 25/2	1.040
	PCB	LTE Band 26/5	0.156
	PCB	LTE Band 41	0.088
	PCB	LTE Band 66/4	0.618
	PCB	LTE Band 71	0.127
	DTS	2.4G WLAN	0.129
	DSS	BT	0.105
	NII	5.2G WLAN	0.199
	NII	5.3G WLAN	0.241
	NII	5.5G WLAN	0.256
NII	5.8G WLAN	0.240	
1-g Sum SAR			1.296
FCC Equipment Class	Licensed PorTablet PC Transmitter Body (PCB) Part 15 Spread Spectrum Transmitter (DSS) Digital Transmission System (DTS) Unlicensed National Information Infrastructure TX(NII)		
Operating Mode:	GSM: GSM Voice; GPRS/EGPRS Class 12 WCDMA: RMC, HSDPA, HSUPA Release 6 LTE: QPSK, 16QAM 2.4G WLAN : 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 5G WLAN: 802.11a(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11ac(OFDM):BPSK,QPSK,16-QAM,64-QAM,256-QAM Bluetooth: GFSK + π /4DQPSK+8DPSK BLE: GFSK GPS: BPSK		
Antenna Specification:	GSM/WCDMA/LTE: Internal FPC Antenna Bluetooth: Internal FPC Antenna WLAN: Internal FPC Antenna GPS: Internal FPC Antenna		
SIM Card	Support dual-SIM, dual standby, the multiple SIM card with two lines cannot transmitting at the same time		
Hotspot Mode	Support		
DTM Mode	Not Support		
Note: 1. The dual SIM card mobile has 2 SIM slots and supports dual SIM dual standby. The WWAN radio transmission will be enabled by either one SIM at a time (Single active) 2. After pre-scan two SIM cards power, we found test result of the SIM1 was the worse, so we chose SIM1 card to perform all tests. 3. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power 4. The SAR values for DSS are estimated. 5. According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping LTE bands as follows:			



a) The maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion.

b) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

- LTE Band 2 (1850-1910 MHz) is covered by LTE band 25 (1850-1915 MHz) and has the same maximum tune-up power, so only LTE Band 25 needs to be tested.

- LTE Band 4 (1710-1755 MHz) is covered by LTE band 66 (1710-1780 MHz) and has the same maximum tune-up power, so only LTE Band 66 needs to be tested.

- LTE Band 5 (824-849 MHz) is covered by LTE band 26 (814-849 MHz) and has the same maximum tune-up power, so only LTE Band 26 needs to be tested.

- LTE Band 17 (704-716 MHz) is covered by LTE band 12 (699-716 MHz) and has the same maximum tune-up power, so only LTE Band 12 needs to be tested.



1.2 Test Environment

Ambient conditions in the SAR laboratory:

Items	Required
Temperature (°C)	18-25
Humidity (%RH)	30-70

1.3 Test Factory

ShenZhen STS Test Services Co.,Ltd.

A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration No.: 625569

IC Registration No.: 12108A

A2LA Certificate No.: 4338.01



2. Test Standards and Limits

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	IEEE Std C95.1, 2019	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz. It specifies the maximum exposure limit of 1.6 W/kg as averaged over any 1 gram of tissue for portable PC devices being used within 20 cm of the user in the uncontrolled environment.
3	IEEE Std. 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
4	FCC KDB 447498 D04 v01	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable PC Devices
5	FCC KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
6	FCC KDB 865664 D02 v01r02	RF Exposure Reporting
7	FCC KDB 941225 D01 v03r01	SAR Measurement Procedures for 3G Devices
8	FCC KDB 941225 D05 v02r05	SAR for LTE Devices
9	FCC KDB 941225 D06 v02r01	Hotspot Mode SAR
10	FCC KDB 616217 D04 v01r02	SAR evaluation requirements for laptop, notebook, notebook and Tablet PC computers
11	FCC KDB 248227 D01 Wi-Fi SAR v02r02	SAR Considerations for 802.11 Devices

(A). Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

(B). Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

NOTE: Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1 gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

Population/Uncontrolled Environments:

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

Occupational/Controlled Environments:

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

NOTE

GENERAL POPULATION/UNCONTROLLED EXPOSURE

PARTIAL BODY LIMIT

1.6 W/kg

3. SAR Measurement System

3.1 Definition of Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

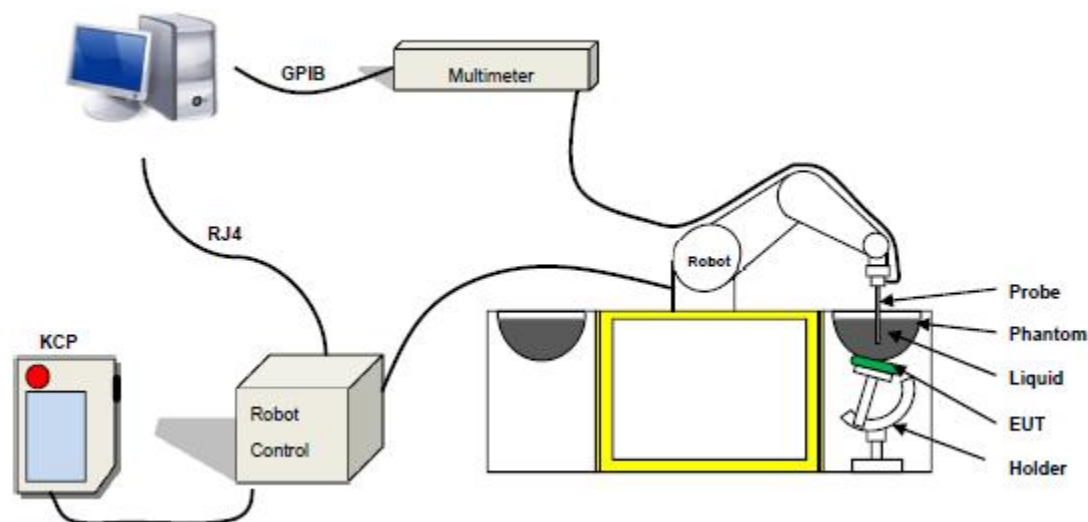
$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

ρ is the mass density of the tissue and E is the RMS electrical field strength.

3.2 SAR System

MVG SAR System Diagram:



COMOSAR is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The COMOSAR system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue

The following figure shows the system.



The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The Open SAR software computes the results to give a SAR value in a 1g or 10g mass.

3.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe SN 08/21 EPGO352 with following specifications is used

- Probe Length: 330 mm
- Length of Individual Dipoles: 2 mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter: 2.5 mm
- Distance between dipole/probe extremity: 1 mm
- Dynamic range: 0.01-100 W/kg
- Probe linearity: 3%
- Axial Isotropy: < 0.10 dB
- Spherical Isotropy: < 0.10 dB
- Calibration range: 150 MHz to 6 GHz for head & body simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°



Figure 1-MVG COMOSAR Dosimetric E field Dipole

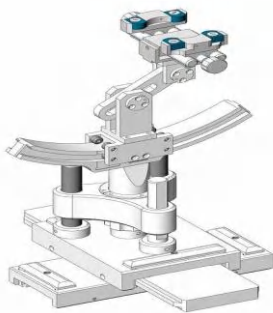
3.2.2 Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden Tablet PC. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.

Figure-SN 21/21 ELLI48



3.2.3 Device Holder



The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5 mm distance, a positioning uncertainty of ± 0.5 mm would produce a SAR uncertainty of ± 20 %. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions in which the devices must be measured are defined by the standards.

4. Tissue Simulating Liquids



4. Tissue Simulating Liquids

4.1 Simulating Liquids Parameter Check

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values

The uncertainty due to the liquid conductivity and permittivity arises from two different sources. The first source of error is the deviation of the liquid conductivity from its target value (max _ 5 %) and the second source of error arises from the measurement procedures used to assess conductivity. The uncertainty shall be assessed using a rectangular probability For 1 g averaging, the maximum weighting coefficient for SAR is 0,5.

The head tissue dielectric parameters recommended by the IEEE 62209-1528 have been incorporated in the following Table PC.

Frequency	ϵ_r	σ 10g S/m
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1450	40.5	1.20
1800 to 2000	40.0	1.40
2100	39.8	1.49
2450	39.2	1.80
2600	39.0	1.96
3000	38.5	2.40
3500	37.9	2.91
4000	37.4	3.43
4500	36.8	3.94
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27



The following Tablet PC gives the recipes for tissue simulating liquid and the theoretical Conductivity/Permittivity.

Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.4	40.0
2450	55.0	0	0	0.1	0	44.9	1.80	39.2
2600	54.9	0	0	0.1	0	45.0	1.96	39.0
Frequency (MHz)	Water (%)	Hexyl Carbitol (%)			Triton X-100 (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	62.52	17.24			17.24		4.66	36.0
5800	62.52	17.24			17.24		5.27	35.3
Body (From instrument manufacturer)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	51.7	47.2	0	0.9	0.1	0	0.96	55.5
835	50.8	48.2	0	0.9	0.1	0	0.97	55.2
900	50.8	48.2	0	0.9	0.1	0	1.05	55.0
1800, 1900, 2000	70.2	0	0	0.4	0	29.4	1.52	53.3
2450	68.6	0	0	0.1	0	31.3	1.95	52.7
2600	68.2	0	0	0.1	0	31.7	2.16	52.5
Frequency(MHz)	Water	DGBE (%)			Salt (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	78.60	21.40			/		5.30	49.00
5800	78.50	21.40			0.1		6.00	48.20

**LIQUID MEASUREMENT RESULTS**

Date	Ambient		Simulating Liquid		Parameters	Target	Measured	Deviation %	Limited %
	Temp. [°C]	Humidity %	Frequency(MHz)	Temp. [°C]					
2026-06-04	21.4	62	673	20.9	Permittivity	42.31	42.28	-0.07	±5
					Conductivity	0.88	0.89	0.58	±5
2026-06-04	21.4	62	704	20.9	Permittivity	42.15	42.68	1.27	±5
					Conductivity	0.89	0.91	2.48	±5
2026-06-04	21.2	60	711	20.8	Permittivity	42.11	42.70	1.41	±5
					Conductivity	0.89	0.89	0.29	±5
2026-06-04	21.1	61	750	20.8	Permittivity	41.90	41.96	0.14	±5
					Conductivity	0.89	0.85	-4.49	±5
2026-06-04	21.1	61	782	20.8	Permittivity	41.73	41.55	-0.43	±5
					Conductivity	0.89	0.91	1.88	±5
2026-06-04	21.2	63	819	20.4	Permittivity	41.58	41.37	-0.49	±5
					Conductivity	0.90	0.88	-2.02	±5
2026-06-04	21.2	63	824.2	20.4	Permittivity	41.55	42.01	1.11	±5
					Conductivity	0.90	0.91	1.25	±5
2026-06-04	21.1	60	826.4	20.6	Permittivity	41.54	42.29	1.80	±5
					Conductivity	0.90	0.92	2.34	±5
2026-06-04	21.3	63	835	20.7	Permittivity	41.50	43.02	3.66	±5
					Conductivity	0.90	0.92	2.22	±5
2026-06-04	21.3	63	836.5	20.8	Permittivity	41.50	42.69	2.87	±5
					Conductivity	0.90	0.88	-2.22	±5
2026-06-04	21.3	63	841.5	20.8	Permittivity	41.50	41.59	0.22	±5
					Conductivity	0.91	0.90	-0.77	±5
2026-06-05	21.9	57	1740	21.8	Permittivity	40.09	40.67	1.46	±5
					Conductivity	1.37	1.35	-1.15	±5
2026-06-05	21.8	57	1745	21.6	Permittivity	40.08	40.55	1.18	±5
					Conductivity	1.37	1.37	0.10	±5
2026-06-05	21.6	57	1800	21.5	Permittivity	40.00	40.41	1.02	±5
					Conductivity	1.40	1.43	2.14	±5
2026-06-05	21.6	57	1850.2	21.5	Permittivity	40.00	40.56	1.40	±5
					Conductivity	1.40	1.39	-0.71	±5
2026-06-05	21.6	57	1852.4	21.5	Permittivity	40.00	39.99	-0.02	±5
					Conductivity	1.40	1.38	-1.43	±5
2026-06-05	21.6	58	1860	21.5	Permittivity	40.00	41.69	4.22	±5
					Conductivity	1.40	1.38	-1.43	±5
2026-06-05	21.9	57	1880	21.8	Permittivity	40.00	40.35	0.88	±5
					Conductivity	1.40	1.39	-0.71	±5
2026-06-05	21.9	57	1882.5	21.8	Permittivity	40.00	40.75	1.88	±5
					Conductivity	1.40	1.41	0.71	±5
2026-06-05	21.8	57	1900	21.6	Permittivity	40.00	40.18	0.45	±5
					Conductivity	1.40	1.42	1.43	±5



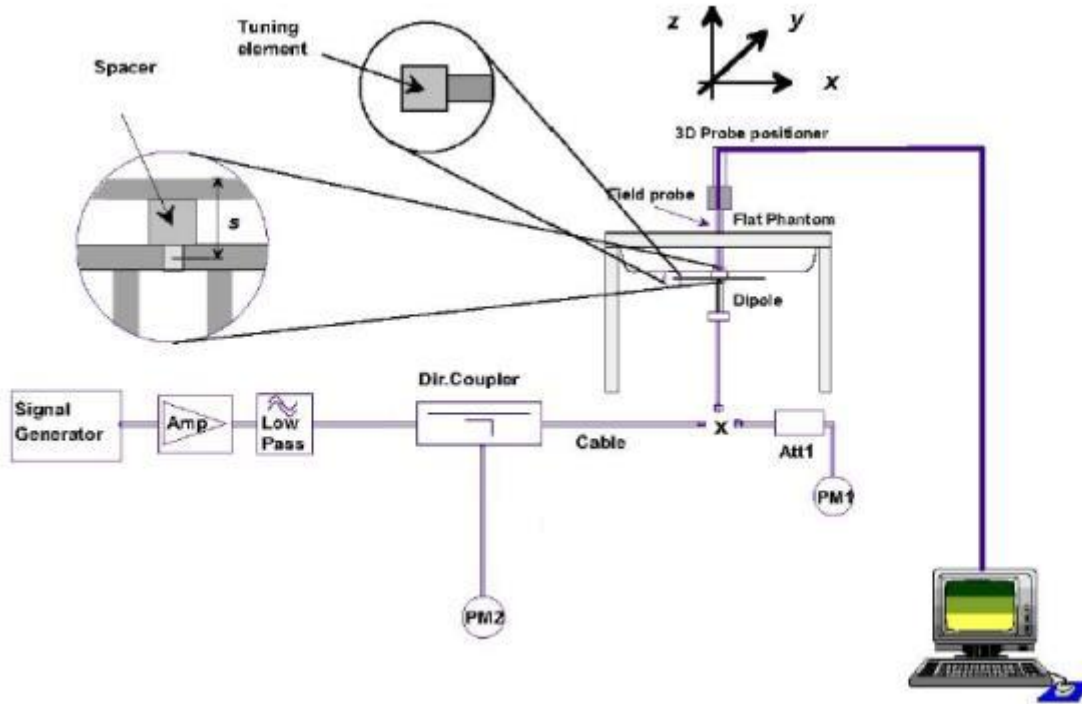
2026-06-05	21.7	55	1907.6	21.4	Permittivity	40.00	40.44	1.10	±5
					Conductivity	1.40	1.39	-0.71	±5
2026-06-05	21.9	57	2412	21.5	Permittivity	39.27	39.88	1.56	±5
					Conductivity	1.77	1.77	0.21	±5
2026-06-05	21.9	57	2450	21.5	Permittivity	39.20	39.55	0.89	±5
					Conductivity	1.80	1.77	-1.67	±5
2026-06-05	21.7	56	2462	21.8	Permittivity	39.18	39.63	1.15	±5
					Conductivity	1.81	1.83	1.10	±5
2026-06-06	21.7	55	2510	21.5	Permittivity	39.12	40.44	3.37	±5
					Conductivity	1.86	1.84	-1.08	±5
2026-06-06	21.9	56	2600	21.7	Permittivity	39.00	40.72	4.41	±5
					Conductivity	1.96	2.01	2.55	±5
2026-06-06	21.9	56	2680	21.7	Permittivity	38.90	39.63	1.88	±5
					Conductivity	2.05	2.04	-0.39	±5
2026-06-06	21.6	56	5200	21.4	Permittivity	36.00	36.88	2.44	±5
					Conductivity	4.66	4.64	-0.43	±5
2026-06-06	21.6	56	5210	21.4	Permittivity	35.99	36.53	1.50	±5
					Conductivity	4.67	4.66	-0.22	±5
2026-06-06	21.6	56	5260	21.4	Permittivity	35.94	36.80	2.39	±5
					Conductivity	4.72	4.73	0.21	±5
2026-06-06	21.7	54	5300	21.5	Permittivity	35.90	36.51	1.70	±5
					Conductivity	4.76	4.78	0.42	±5
2026-06-06	21.9	53	5600	21.7	Permittivity	35.55	36.11	1.58	±5
					Conductivity	5.07	5.01	-1.18	±5
2026-06-06	21.7	54	5670	21.4	Permittivity	35.46	35.69	0.65	±5
					Conductivity	5.14	5.17	0.58	±5
2026-06-06	21.7	56	5755	21.3	Permittivity	35.36	34.89	-1.33	±5
					Conductivity	5.22	5.29	1.34	±5
2026-06-06	21.8	55	5800	21.5	Permittivity	35.30	35.96	1.87	±5
					Conductivity	5.27	5.33	1.14	±5

5. SAR System Validation

5.1 Validation System

Each MVG system is equipped with one or more system validation kits. These units, together with the predefined measurement procedures within the MVG software, enable the user to conduct the system performance check and system validation. System kit includes a dipole, and dipole device holder.

The system check verifies that the system operates within its specifications. It's performed daily or before every SAR measurement. The system check uses normal SAR measurement in the flat section of the phantom with a matched dipole at a specified distance. The system validation setup is shown as below.





5.2 Validation Result

Comparing to the original SAR value provided by MVG, the validation data should be within its specification of 10 %.

Date	Freq.	Power	Tested Value	Normalized SAR	Target SAR	Tolerance	Limit
	(MHz)	(mW)	(W/Kg)	(W/kg)	1g(W/kg)	(%)	(%)
2026-06-04	750	100	0.856	8.56	8.49	0.82%	10
2026-06-04	835	100	0.947	9.47	9.63	-1.66%	10
2026-06-05	1800	100	3.854	38.54	38.31	0.60%	10
2026-06-05	1900	100	3.887	38.87	39.84	-2.43%	10
2026-06-05	2450	100	5.563	55.63	54.70	1.70%	10
2026-06-06	2600	100	5.589	55.89	56.16	-0.48%	10
2026-06-06	5200	10	1.560	156	158.49	-1.57%	10
2026-06-06	5300	10	1.663	166.3	167.20	-0.54%	10
2026-06-06	5600	10	1.777	177.7	175.65	1.17%	10
2026-06-06	5800	10	1.878	187.8	183.06	2.59%	10

Note:

- (1) We use a CW signal of 20dBm(750/835/1800/1900/2450/2600MHz) and 10dBm(5000-6000MHz) for system check, and then all SAR values are normalized to 1W forward power. The result must be within $\pm 10\%$ of target value.



6. SAR Evaluation Procedures

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurement are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface is 2.7mm. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

Step 2: Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in SATIMO software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in db) is specified in the standards for compliance testing. For example, a 2db range is required in IEEE Standard 1528 standards, whereby 3db is a requirement when compliance is assessed in accordance with the ARIB standard (Japan). If one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of Zoom Scans has to be increased accordingly.

Area Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100MHz to 6GHz

	$\leq 3 \text{ GHz}$	$> 3 \text{ GHz}$
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	$5 \pm 1 \text{ mm}$	$\frac{1}{2} \cdot 8 \cdot \ln(2) \pm 0.5 \text{ mm}$
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: $\Delta x_{\text{Area}}, \Delta y_{\text{Area}}$	$\leq 2 \text{ GHz}: \leq 15 \text{ mm}$ $2 - 3 \text{ GHz}: \leq 12 \text{ mm}$	$3 - 4 \text{ GHz}: \leq 12 \text{ mm}$ $4 - 6 \text{ GHz}: \leq 10 \text{ mm}$
	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 $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

Zoom Scans are used to assess the peak spatial SAR value within a cubic average volume containing 1g and 10g of simulated tissue. The Zoom Scan measures points (refer to Tablet PC below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1g and 10g and displays these values next to the job's label.



Zoom Scan Parameters extracted from KDB865664 d01 SAR Measurement 100MHz to 6GHz

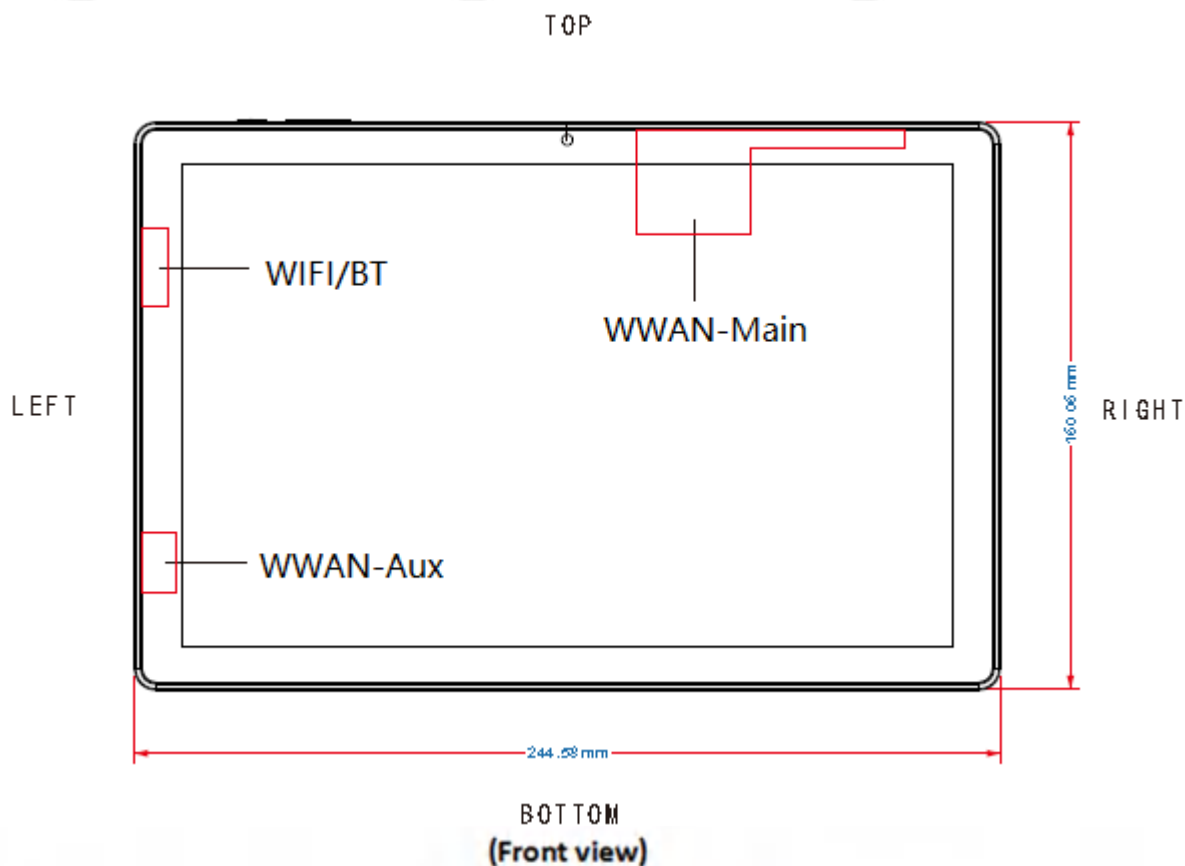
Maximum zoom scan spatial resolution: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			$\leq 2 \text{ GHz}: \leq 8 \text{ mm}$ $2 - 3 \text{ GHz}: \leq 5 \text{ mm}^*$	$3 - 4 \text{ GHz}: \leq 5 \text{ mm}^*$ $4 - 6 \text{ GHz}: \leq 4 \text{ mm}^*$
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		$\leq 5 \text{ mm}$	$3 - 4 \text{ GHz}: \leq 4 \text{ mm}$ $4 - 5 \text{ GHz}: \leq 3 \text{ mm}$ $5 - 6 \text{ GHz}: \leq 2 \text{ mm}$
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	$\leq 4 \text{ mm}$	$3 - 4 \text{ GHz}: \leq 3 \text{ mm}$ $4 - 5 \text{ GHz}: \leq 2.5 \text{ mm}$ $5 - 6 \text{ GHz}: \leq 2 \text{ mm}$
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)$	
Minimum zoom scan volume	x, y, z		$\geq 30 \text{ mm}$	$3 - 4 \text{ GHz}: \geq 28 \text{ mm}$ $4 - 5 \text{ GHz}: \geq 25 \text{ mm}$ $5 - 6 \text{ GHz}: \geq 22 \text{ mm}$
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 <u>reported</u> SAR from the <i>area scan based 1-g SAR estimation</i> procedures of KDB 447498 is $\leq 1.4 \text{ W/kg}$, $\leq 8 \text{ mm}$, $\leq 7 \text{ mm}$ and $\leq 5 \text{ mm}$ 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 Drift Measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the same settings. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

7. EUT Antenna Location Sketch

It is a Smart phone, support GSM/WCDMA/LTE/WLAN/BT mode.



ANT	Antenna Separation Distance(cm)				
	Back Side	Left Side	Right Side	Top Side	Bottom Side
WLAN/BT	0.5	0.5	23.5	4	11.5
WWAN	0.5	14.5	4	0.5	13

Note 1: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

2. According to KDB616217, exposures to hands for typical consumer transmitters used in Tablet PCs are not expected to exceed the extremity SAR limit; therefore, SAR evaluation for the front surface of Tablet PC display screens are generally not necessary.

**7.1 SAR test exclusion consider Tablet PC**

The WWAN/WLAN/BT SAR evaluation of Maximum power (dBm) summing tolerance.

Exposure Position	Wireless Interface	GSM850	PCS1900	WCDMA II	WCDMA V	WCDMA IV
	Calculated Frequency(GHz)	0.8242	1.8502	1.8524	0.8264	1.740
	Maximum Turn-up power (dBm)	27.00	22.50	24.00	23.00	23.00
	Maximum rated power(mW)	501.19	177.83	251.19	199.53	199.53
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.42	3.44	3.43	9.38	3.30
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (cm)	14.5	14.5	14.5	14.5	14.5
	exclusion threshold(mW)	1069.95	1692.69	1692.55	1072.21	1931.51
	Testing required?	NO	NO	NO	NO	NO
Right Edge	Separation distance (cm)	4	4	4	4	4
	exclusion threshold(mW)	175.08	158.05	157.98	175.06	168.86
	Testing required?	YES	YES	YES	YES	YES
Top Edge	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.42	3.44	3.43	9.38	3.30
	Testing required?	YES	YES	YES	YES	YES
Bottom Edge	Separation distance (cm)	13	13	13	13	13
	exclusion threshold(mW)	917.71	1384.40	1384.25	919.48	1570.92
	Testing required?	NO	NO	NO	NO	NO



Exposure Position	Wireless Interface	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 25	LTE Band 26(814-824)
	Calculated Frequency(GHz)	2.510	0.711	0.782	1.8825	0.819
	Maximum Turn-up power (dBm)	22.50	24.50	24.50	23.00	24.50
	Maximum rated power(mW)	177.83	281.84	281.84	199.53	281.84
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.69	11.59	10.14	3.39	9.50
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (cm)	14.5	14.5	14.5	14.5	14.5
	exclusion threshold(mW)	1657.03	952.01	1026.41	1690.65	1064.61
	Testing required?	NO	NO	NO	NO	NO
Right Edge	Separation distance (cm)	4	4	4	4	4
	exclusion threshold(mW)	142.07	176.34	175.53	157.10	175.14
	Testing required?	YES	YES	YES	YES	YES
Top Edge	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.69	11.59	10.14	3.39	9.50
	Testing required?	YES	YES	YES	YES	YES
Bottom Edge	Separation distance (cm)	13	13	13	13	13
	exclusion threshold(mW)	1345.46	825.18	883.66	1382.16	913.55
	Testing required?	NO	NO	NO	NO	NO



Exposure Position	Wireless Interface	LTE Band 26((824-849)	LTE Band 41	LTE Band 66	LTE Band 71	BT
	Calculated Frequency(GHz)	0.8415	2.680	1.745	0.673	2.441
	Maximum Turn-up power (dBm)	24.50	25.50	24.00	24.00	4.00
	Maximum rated power(mW)	281.84	354.81	251.19	251.19	2.51
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.15	2.55	3.60	12.51	2.75
	Testing required?	YES	YES	YES	YES	NO
Left Edge	Separation distance (cm)	14.5	14.5	14.5	14.5	0.5
	exclusion threshold(mW)	1087.67	1649.46	1699.63	911.56	2.75
	Testing required?	NO	NO	NO	NO	NO
Right Edge	Separation distance (cm)	4	4	4	4	23.5
	exclusion threshold(mW)	174.91	138.85	161.32	176.81	4158.04
	Testing required?	YES	YES	YES	YES	NO
Top Edge	Separation distance (cm)	0.5	0.5	0.5	0.5	4
	exclusion threshold(mW)	9.15	2.55	3.60	12.51	143.46
	Testing required?	YES	YES	YES	YES	NO
Bottom Edge	Separation distance (cm)	13	13	13	13	11.5
	exclusion threshold(mW)	931.53	1337.24	1392.00	793.21	1068.48
	Testing required?	NO	NO	NO	NO	NO



Exposure Position	Wireless Interface	2.4G WLAN	5.2G WLAN	5.3G WLAN	5.5G WLAN	5.8G WLAN
	Calculated Frequency(GHz)	2.412	5.210	5.260	5.670	5.755
	Maximum Turn-up power (dBm)	7.50	7.00	7.50	7.50	7.50
	Maximum rated power(mW)	5.62	5.01	5.62	5.62	5.62
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.78	1.50	1.49	1.40	1.38
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.78	1.50	1.49	1.40	1.38
	Testing required?	YES	YES	YES	YES	YES
Right Edge	Separation distance (cm)	23.5	23.5	23.5	23.5	23.5
	exclusion threshold(mW)	4156.30	4269.91	4271.34	4282.58	4284.81
	Testing required?	NO	NO	NO	NO	NO
Top Edge	Separation distance (cm)	4	4	4	4	4
	exclusion threshold(mW)	144.06	110.07	109.70	106.86	106.31
	Testing required?	NO	NO	NO	NO	NO
Bottom Edge	Separation distance (cm)	11.5	11.5	11.5	11.5	11.5
	exclusion threshold(mW)	1070.01	975.43	974.31	965.57	963.84
	Testing required?	NO	NO	NO	NO	NO

Note:

1. maximum power is the source-based time-average power and represents the maximum RF output power among production units.



2. Per KDB 447498 D04, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D04, if the maximum time-averaged power available does not exceed 1 mW. This stand-alone SAR exemption test.



4. Per KDB 447498 D04, the available maximum time-averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold P_{th} (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by:

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the separation distance (cm);

5. Per KDB 447498 D04, An alternative to the SAR-based exemption is using below Table PC and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in below Table PC to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

RF Source frequency (MHz)	Threshold ERP(watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.



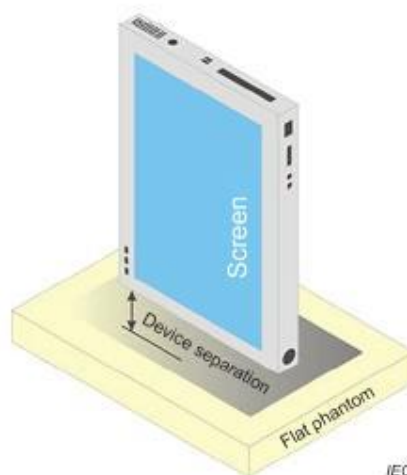
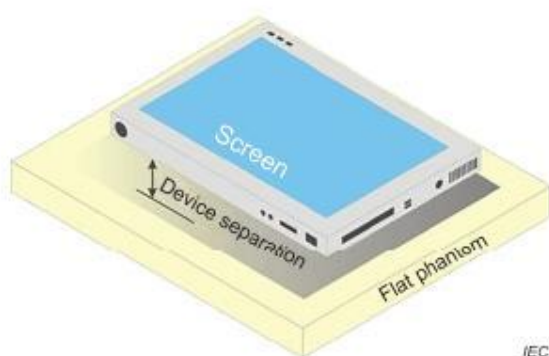
6. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion 8. for each frequency band, testing at higher data rates and higher order modulations is not required when the maximum average output power for each of each of these configurations is less than 1/4db higher than those measured at the lower data rate than 11b mode, thus the SAR can be excluded.
7. Per KDB 616217 D04, SAR evaluation for the front surface of Tablet PCt display screens are generally not necessary.
8. Per KDB 248227, as maximum rated power for U-NII-2A > U-NII-1, U-NII-2A was chosen for SAR evaluation. Based on the measurements obtained, SAR measurements on U-NII-1 are not required as highest reported SAR from U-NII-2A band is $\leq 1.2\text{W/Kg}$.

8. EUT Test Position

This EUT was tested in **Body back**, **Body Left** and **Body Top**.

8.1 Test Position

- (1) To position the EUT parallel to the phantom surface.
- (2) To adjust the EUT parallel to the flat phantom.
- (3) To adjust the distance between the EUT surface and the flat phantom to **0mm**.





9. Uncertainty

9.1 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEEE 1528: 2013. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

SATIMO Uncertainty- SN 08/21 EPG0352									
Measurement uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+/- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+/- %)	10g Ui (+/- %)	vi
Measurement System									
Probe calibration	E.2.1	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	0.71	0.71	0.07	0.07	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.71	0.71	0.42	0.42	∞
Boundary effect	E.2.3	0.80	R	1.73	1.00	1.00	0.46	0.46	∞
Linearity	E.2.4	1.25	R	1.73	1.00	1.00	0.72	0.72	∞
System detection limits	E.2.4	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Modulation response	E.2.5	3.42	R	1.73	1.00	1.00	1.97	1.97	∞
Readout Electronics	E.2.6	0.26	N	1.00	1.00	1.00	0.26	0.26	∞
Response Time	E.2.7	0.17	R	1.73	1.00	1.00	0.10	0.10	∞
Integration Time	E.2.8	1.43	R	1.73	1.00	1.00	0.83	0.83	∞
RF ambient conditions-Noise	E.6.1	3.51	R	1.73	1.00	1.00	2.03	2.03	∞
RF ambient conditions-reflections	E.6.1	3.15	R	1.73	1.00	1.00	1.82	1.82	∞
Probe positioner mechanical tolerance	E.6.2	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.40	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.10	R	1.73	1.00	1.00	1.21	1.21	∞
Test sample Related									
Test sample positioning	E.4.2	3.10	N	1.00	1.00	1.00	3.10	3.10	∞
Device holder uncertainty	E.4.1	3.80	N	1.00	1.00	1.00	3.80	3.80	∞
Output power variation—SAR drift measurement	E.2.9	4.50	R	1.73	1.00	1.00	2.60	2.60	∞
SAR scaling	E.6.5	1.80	R	1.73	1.00	1.00	1.04	1.04	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.70	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.90	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	2.40	R	1.73	0.78	0.71	1.08	0.98	M
Liquid permittivity measurement	E.3.3	4.10	N	1.00	0.78	0.71	3.20	2.91	M
Liquid conductivity—temperature uncertainty	E.3.4	2.70	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity—temperature uncertainty	E.3.4	4.80	N	1.00	0.23	0.26	1.10	1.25	∞
Combined Standard Uncertainty			RSS				10.08	9.59	
Expanded Uncertainty (95% Confidence interval)			K=2				19.58	19.18	



SATIMO Uncertainty- SN 08/21 EPG0352									
System Validation uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+ - %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+ %)	10g Ui (+-%)	vi
Measurement System									
Probe calibration	E.2.1	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	1.00	1.00	0.10	0.10	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.00	0.00	0.00	0.00	∞
Boundary effect	E.2.3	0.80	R	1.73	1.00	1.00	0.46	0.46	∞
Linearity	E.2.4	1.25	R	1.73	1.00	1.00	0.72	0.72	∞
System detection limits	E.2.4	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Modulation response	E.2.5	3.42	R	1.73	0.00	0.00	0.00	0.00	∞
Readout Electronics	E.2.6	0.26	N	1.00	1.00	1.00	0.26	0.26	∞
Response Time	E.2.7	0.17	R	1.73	0.00	0.00	0.00	0.00	∞
Integration Time	E.2.8	1.43	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions- Noise	E.6.1	3.51	R	1.73	1.00	1.00	2.03	2.03	∞
RF ambient conditions- reflections	E.6.1	3.15	R	1.73	1.00	1.00	1.82	1.82	∞
Probe positioner mechanical tolerance	E.6.2	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.40	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.10	R	1.73	1.00	1.00	1.21	1.21	∞
System validation source									
Deviation of experimental dipole from numerical dipole	E.6.4	4.80	N	1.00	1.00	1.00	4.80	4.80	∞
Input power and SAR drift measurement	8,6.6.4	5.10	R	1.73	1.00	1.00	2.94	2.94	∞
Dipole axis to liquid distance	8,E.6.6	2.40	R	1.73	1.00	1.00	1.39	1.39	∞
Phantom and set-up									
Phantom shell uncertainty— shape, thickness, and permittivity	E.3.1	3.70	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.90	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity (temperature uncertainty)	E.3.3	2.40	R	1.73	0.78	0.71	1.08	0.98	∞
Liquid conductivity (measured)	E.3.3	4.10	N	1.00	0.78	0.71	3.20	2.91	M
Liquid permittivity (temperature uncertainty)	E.3.4	2.70	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity (measured)	E.3.4	4.80	N	1.00	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty			RSS				9.72	9.52	
Expanded Uncertainty (95% Confidence interval)			K=2				19.44	19.03	



SATIMO Uncertainty- SN 08/21 EPGO352									
。 System Check uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+-%)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System									
Probe calibration drift	E.2.1.3	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	0.00	0.00	0.00	0.00	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.00	0.00	0.00	0.00	∞
Boundary effect	E.2.3	0.8	R	1.73	0.00	0.00	0.00	0.00	∞
Linearity	E.2.4	1.25	R	1.73	0.00	0.00	0.00	0.00	∞
System detection limits	E.2.4	1.20	R	1.73	0.00	0.00	0.00	0.00	∞
Modulation response	E.2.5	3.42	R	1.73	0.00	0.00	0.00	0.00	∞
Readout Electronics	E.2.6	0.26	N	1.00	0.00	0.00	0.00	0.00	∞
Response Time	E.2.7	0.17	R	1.73	0.00	0.00	0.00	0.00	∞
Integration Time	E.2.8	1.43	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions- Noise	E.6.1	3.51	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions- reflections	E.6.1	3.15	R	1.73	0.00	0.00	0.00	0.00	∞
Probe positioner mechanical tolerance	E.6.2	1.2	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.4	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	3.9	R	1.73	0.00	0.00	0.00	0.00	∞
System check source (dipole)									
Deviation of experimental dipoles	E.6.4	4.8	N	1.00	1.00	1.00	4.80	4.80	∞
Input power and SAR drift measurement	8,6.6.4	5.1	R	1.73	1.00	1.00	2.94	2.94	∞
Dipole axis to liquid distance	8,E.6.6	2.4	R	1.73	1.00	1.00	1.39	1.39	∞
Phantom and tissue parameters									
Phantom shell uncertainty— shape, thickness, and permittivity	E.3.1	3.7	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.9	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	2.4	R	1.73	0.78	0.71	1.08	0.98	∞
Liquid permittivity measurement	E.3.3	4.1	N	1.00	0.78	0.71	3.20	2.91	M
Liquid conductivity— temperature uncertainty	E.3.4	2.7	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity— temperature uncertainty	E.3.4	4.8	N	1.00	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty			RSS				5.56	5.20	
Expanded Uncertainty (95% Confidence interval)			K=2				11.12	10.41	



10. Conducted Power Measurement

10.1 Test Result

Burst Average Power (dBm)						
Band	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880.0	1909.8
GSM(GMSK, 1-Slot)	32.96	32.96	32.45	29.29	28.84	28.85
GPRS (GMSK, 1-Slot)	33.01	33.97	32.46	29.33	28.83	28.77
GPRS (GMSK, 2-Slot)	32.08	32.02	31.46	28.36	27.83	27.73
GPRS (GMSK, 3-Slot)	30.09	30.01	29.51	26.47	25.81	25.67
GPRS (GMSK, 4-Slot)	28.72	28.84	28.09	25.16	24.48	24.46
EGPRS(8PSK, 1-Slot)	27.98	27.63	27.47	26.37	26.17	26.16
EGPRS(8PSK, 2-Slot)	26.68	26.13	26.07	25.42	25.25	24.54
EGPRS(8PSK, 3-Slot)	24.00	24.06	24.03	23.24	22.73	22.88
EGPRS(8PSK, 4-Slot)	22.87	22.62	22.70	21.91	21.59	21.46
Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link						

Frame- Average Power(dBm)						
Band	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880.0	1909.8
GSM(GMSK, 1-Slot)	23.93	23.93	23.42	20.26	19.81	19.82
GPRS (GMSK, 1-Slot)	23.98	24.94	23.43	20.30	19.80	19.74
GPRS (GMSK, 2-Slot)	26.06	26.00	25.44	22.34	21.81	21.71
GPRS (GMSK, 3-Slot)	25.83	25.75	25.25	22.21	21.55	21.41
GPRS (GMSK, 4-Slot)	25.71	25.83	25.08	22.15	21.47	21.45
EGPRS(8PSK, 1-Slot)	18.95	18.60	18.44	17.34	17.14	17.13
EGPRS(8PSK, 2-Slot)	20.66	20.11	20.05	19.40	19.23	18.52
EGPRS(8PSK, 3-Slot)	19.74	19.80	19.77	18.98	18.47	18.62
EGPRS(8PSK, 4-Slot)	19.86	19.61	19.69	18.90	18.58	18.45
Remark : 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB						

**WCDMA**

Band	WCDMA Band 2			WCDMA Band 5			WCDMA Band 4		
Channel	9262	9400	9538	4132	4183	4233	1312	1413	1513
Frequency (MHz)	1852.4	1880	1907.6	826.4	836.6	846.6	1712.6	1740	1752.4
RMC 12.2Kbps	23.54	23.27	23.18	22.47	22.34	22.43	22.53	22.56	22.37
HSDPA Subtest-1	21.11	20.69	20.75	21.86	21.77	21.83	21.82	21.98	21.79
HSDPA Subtest-2	21.1	20.77	20.58	21.86	21.71	21.9	21.96	21.98	21.77
HSDPA Subtest-3	21.07	20.82	20.54	21.83	21.72	21.9	21.96	21.96	21.77
HSDPA Subtest-4	21.1	20.84	20.61	21.69	21.79	21.89	21.95	21.83	21.77
HSUPA Subtest-1	20.62	20.37	20.29	21.46	21.34	21.46	21.5	21.53	21.36
HSUPA Subtest-2	20.62	20.34	20.25	21.43	21.35	21.48	21.52	21.53	21.34
HSUPA Subtest-3	21.62	21.36	21.3	22.44	22.3	22.46	22.52	22.52	22.34
HSUPA Subtest-4	20.13	19.88	19.79	20.98	20.9	20.97	21.01	21.04	20.85
HSUPA Subtest-5	21.57	21.34	21.25	22.46	22.32	22.43	22.49	22.53	22.36

According to 3GPP 25.101 sub-clause 6.2.2, the maximum output power is allowed to be reduced by following the Tablet PC.

Tablet PC 6.1A: UE maximum output power with HS-DPCCH and E-DCH

UE Transmit Channel Configuration	CM(db)	MPR(db)
For all combinations of ,DPDCH,DPCCH HS-DPDCH,E-DPDCH and E-DPCCH	$0 \leq CM \leq 3.5$	MAX(CM-1,0)
Note: 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.		

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the



power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done. However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.

**2.4G WLAN**

2.4GWIFI				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
802.11b	1	2412	6.13	4.10
	7	2437	6.16	4.13
	11	2462	6.52	4.49
802.11g	1	2412	6.61	4.58
	7	2437	6.6	4.57
	11	2462	6.43	4.40
802.11 n-HT20	1	2412	7.06	5.08
	7	2437	6.87	4.86
	11	2462	6.57	4.54

Bluetooth

BT				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	2.24	1.67
	39	2441	3.7	2.34
	78	2480	1.94	1.56
$\pi/4$ -QPSK(2Mbps)	0	2402	1.59	1.44
	39	2441	2.89	1.95
	78	2480	1.92	1.56
8DPSK(3Mbps)	0	2402	1.64	1.46
	39	2441	2.88	1.94
	78	2480	1.88	1.54

BLE

BLE				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	1.95	1.57
	19	2440	2.53	1.79
	39	2480	1.74	1.49
GFSK(2Mbps)	0	2402	1.87	1.54
	19	2440	2.7	1.86
	39	2480	3.62	2.30



WLAN (5.2Gband)

5.2G WLAN				
Mode	Channel Number	Frequency (MHz)	Output Power (dBm)	Output Power (mW)
802.11a20	36	5180	6.62	4.59
	40	5200	6.42	4.39
	48	5240	6.6	4.57
802.11 n-HT20	36	5180	6.77	4.75
	40	5200	6.31	4.28
	48	5240	6.59	4.56
802.11 n-HT40	38	5190	6.85	4.84
	46	5230	6.51	4.48
802.11ac-VHT20	36	5180	6.94	4.94
	40	5200	6.53	4.50
	48	5240	6.37	4.34
802.11ac-VHT40	38	5190	6.67	4.65
	46	5230	6.44	4.41
802.11ac-VHT80	42	5210	6.87	4.86

WLAN (5.3Gband)

5.3G WLAN				
Mode	Channel Number	Frequency (MHz)	Output Power (dBm)	Output Power (mW)
802.11a20	52	5260	7.01	5.02
	60	5300	6.5	4.47
	64	5320	6.38	4.35
802.11 n-HT20	52	5260	7.01	5.02
	60	5300	6.22	4.19
	64	5320	6.65	4.62
802.11 n-HT40	54	5270	6.78	4.76
	62	5310	6.75	4.73
802.11ac-VHT20	52	5260	6.5	4.47
	60	5300	6.95	4.95
	64	5320	6.77	4.75
802.11ac-VHT40	54	5270	6.8	4.79
	62	5310	6.82	4.81
802.11ac-VHT80	58	5290	6.76	4.74

**WLAN (5.5Gband)**

5.5G WLAN				
Mode	Channel Number	Frequency (MHz)	Output Power (dBm)	Output Power (mW)
802.11a20	100	5500	6.66	4.63
	116	5580	6.28	4.25
	140	5700	6.63	4.60
802.11 n-HT20	100	5500	6.5	4.47
	116	5580	6.14	4.11
	140	5700	6.46	4.43
802.11 n-HT40	102	5510	7	5.01
	110	5550	6.7	4.68
	134	5670	7.22	5.27
802.11ac-VHT20	100	5500	6.51	4.48
	116	5580	6.17	4.14
	140	5700	6.47	4.44
802.11ac-VHT40	102	5510	7.15	5.19
	110	5550	6.67	4.65
	134	5670	7.27	5.33
802.11ac-VHT80	106	5530	6.97	4.98



WLAN (5.8Gband)

5.8G WLAN				
Mode	Channel Number	Frequency (MHz)	Output Power (dBm)	Output Power (mW)
802.11a20	149	5745	6.51	4.48
	157	5785	6.95	4.95
	165	5825	6.73	4.71
802.11 n-HT20	149	5745	6.3	4.27
	157	5785	6.83	4.82
	165	5825	6.53	4.50
802.11 n-HT40	151	5755	6.52	4.49
	159	5795	6.49	4.46
802.11ac-VHT20	149	5745	6.33	4.30
	157	5785	6.62	4.59
	165	5825	6.84	4.83
802.11ac-VHT40	151	5755	7.22	5.27
	159	5795	7.05	5.07
802.11ac-VHT80	155	5775	6.57	4.54



LTE Conducted Power

General Note:

1. ROHDE & SCHWARZ CMW500 base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05, 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.
4. Per KDB 941225 D05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05, 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 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.
6. Per KDB 941225 D05, 16QAM output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05, 16QAM SAR testing is not required.
7. Per KDB 941225 D05, Smaller bandwidth output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05, smaller bandwidth SAR testing is not required.



LTE Band 2

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band2	1.4	18607	1	#0	QPSK	23.54
NVNT	Band2	1.4	18607	1	#Mid	QPSK	23.77
NVNT	Band2	1.4	18607	1	#Max	QPSK	23.6
NVNT	Band2	1.4	18607	3	#0	QPSK	23.6
NVNT	Band2	1.4	18607	3	#Mid	QPSK	23.6
NVNT	Band2	1.4	18607	3	#Max	QPSK	23.58
NVNT	Band2	1.4	18607	6	#0	QPSK	22.56
NVNT	Band2	1.4	18607	1	#0	16QAM	22.7
NVNT	Band2	1.4	18607	1	#Mid	16QAM	22.83
NVNT	Band2	1.4	18607	1	#Max	16QAM	22.71
NVNT	Band2	1.4	18607	3	#0	16QAM	22.76
NVNT	Band2	1.4	18607	3	#Mid	16QAM	22.79
NVNT	Band2	1.4	18607	3	#Max	16QAM	22.74
NVNT	Band2	1.4	18607	6	#0	16QAM	21.77
NVNT	Band2	1.4	18900	1	#0	QPSK	23.07
NVNT	Band2	1.4	18900	1	#Mid	QPSK	23.27
NVNT	Band2	1.4	18900	1	#Max	QPSK	23.06
NVNT	Band2	1.4	18900	3	#0	QPSK	23.16
NVNT	Band2	1.4	18900	3	#Mid	QPSK	23.18
NVNT	Band2	1.4	18900	3	#Max	QPSK	23.17
NVNT	Band2	1.4	18900	6	#0	QPSK	22.07
NVNT	Band2	1.4	18900	1	#0	16QAM	22.32
NVNT	Band2	1.4	18900	1	#Mid	16QAM	22.43
NVNT	Band2	1.4	18900	1	#Max	16QAM	22.32
NVNT	Band2	1.4	18900	3	#0	16QAM	22.39
NVNT	Band2	1.4	18900	3	#Mid	16QAM	22.43
NVNT	Band2	1.4	18900	3	#Max	16QAM	22.41
NVNT	Band2	1.4	18900	6	#0	16QAM	21.34
NVNT	Band2	1.4	19193	1	#0	QPSK	23.02
NVNT	Band2	1.4	19193	1	#Mid	QPSK	23.25
NVNT	Band2	1.4	19193	1	#Max	QPSK	23.08
NVNT	Band2	1.4	19193	3	#0	QPSK	23.12
NVNT	Band2	1.4	19193	3	#Mid	QPSK	23.11
NVNT	Band2	1.4	19193	3	#Max	QPSK	23.14
NVNT	Band2	1.4	19193	6	#0	QPSK	22.08
NVNT	Band2	1.4	19193	1	#0	16QAM	21.95
NVNT	Band2	1.4	19193	1	#Mid	16QAM	22.1
NVNT	Band2	1.4	19193	1	#Max	16QAM	21.95
NVNT	Band2	1.4	19193	3	#0	16QAM	22.26
NVNT	Band2	1.4	19193	3	#Mid	16QAM	22.27
NVNT	Band2	1.4	19193	3	#Max	16QAM	22.33
NVNT	Band2	1.4	19193	6	#0	16QAM	21.33
NVNT	Band2	3	18615	1	#0	QPSK	23.55
NVNT	Band2	3	18615	1	#Mid	QPSK	23.7
NVNT	Band2	3	18615	1	#Max	QPSK	23.43
NVNT	Band2	3	18615	8	#0	QPSK	22.5
NVNT	Band2	3	18615	8	#Mid	QPSK	22.54



NVNT	Band2	3	18615	8	#Max	QPSK	22.48
NVNT	Band2	3	18615	15	#0	QPSK	22.49
NVNT	Band2	3	18615	1	#0	16QAM	22.92
NVNT	Band2	3	18615	1	#Mid	16QAM	23.2
NVNT	Band2	3	18615	1	#Max	16QAM	22.88
NVNT	Band2	3	18615	8	#0	16QAM	21.62
NVNT	Band2	3	18615	8	#Mid	16QAM	21.64
NVNT	Band2	3	18615	8	#Max	16QAM	21.56
NVNT	Band2	3	18615	15	#0	16QAM	21.57
NVNT	Band2	3	18900	1	#0	QPSK	23.08
NVNT	Band2	3	18900	1	#Mid	QPSK	23.54
NVNT	Band2	3	18900	1	#Max	QPSK	23.13
NVNT	Band2	3	18900	8	#0	QPSK	22.04
NVNT	Band2	3	18900	8	#Mid	QPSK	22.1
NVNT	Band2	3	18900	8	#Max	QPSK	22.1
NVNT	Band2	3	18900	15	#0	QPSK	22.07
NVNT	Band2	3	18900	1	#0	16QAM	22.29
NVNT	Band2	3	18900	1	#Mid	16QAM	22.63
NVNT	Band2	3	18900	1	#Max	16QAM	22.31
NVNT	Band2	3	18900	8	#0	16QAM	21.16
NVNT	Band2	3	18900	8	#Mid	16QAM	21.19
NVNT	Band2	3	18900	8	#Max	16QAM	21.16
NVNT	Band2	3	18900	15	#0	16QAM	21.11
NVNT	Band2	3	19185	1	#0	QPSK	23.1
NVNT	Band2	3	19185	1	#Mid	QPSK	23.46
NVNT	Band2	3	19185	1	#Max	QPSK	23.16
NVNT	Band2	3	19185	8	#0	QPSK	22.03
NVNT	Band2	3	19185	8	#Mid	QPSK	22.07
NVNT	Band2	3	19185	8	#Max	QPSK	22.04
NVNT	Band2	3	19185	15	#0	QPSK	22.04
NVNT	Band2	3	19185	1	#0	16QAM	22
NVNT	Band2	3	19185	1	#Mid	16QAM	22.3
NVNT	Band2	3	19185	1	#Max	16QAM	21.95
NVNT	Band2	3	19185	8	#0	16QAM	21.1
NVNT	Band2	3	19185	8	#Mid	16QAM	21.11
NVNT	Band2	3	19185	8	#Max	16QAM	21.1
NVNT	Band2	3	19185	15	#0	16QAM	21.19
NVNT	Band2	5	18625	1	#0	QPSK	23.38
NVNT	Band2	5	18625	1	#Mid	QPSK	23.75
NVNT	Band2	5	18625	1	#Max	QPSK	23.3
NVNT	Band2	5	18625	12	#0	QPSK	22.45
NVNT	Band2	5	18625	12	#Mid	QPSK	22.54
NVNT	Band2	5	18625	12	#Max	QPSK	22.56
NVNT	Band2	5	18625	25	#0	QPSK	22.5
NVNT	Band2	5	18625	1	#0	16QAM	22.95
NVNT	Band2	5	18625	1	#Mid	16QAM	23.44
NVNT	Band2	5	18625	1	#Max	16QAM	22.87
NVNT	Band2	5	18625	12	#0	16QAM	21.5
NVNT	Band2	5	18625	12	#Mid	16QAM	21.62
NVNT	Band2	5	18625	12	#Max	16QAM	21.58



NVNT	Band2	5	18625	25	#0	16QAM	21.56
NVNT	Band2	5	18900	1	#0	QPSK	22.97
NVNT	Band2	5	18900	1	#Mid	QPSK	23.32
NVNT	Band2	5	18900	1	#Max	QPSK	23.03
NVNT	Band2	5	18900	12	#0	QPSK	22.02
NVNT	Band2	5	18900	12	#Mid	QPSK	22.13
NVNT	Band2	5	18900	12	#Max	QPSK	22.14
NVNT	Band2	5	18900	25	#0	QPSK	22.14
NVNT	Band2	5	18900	1	#0	16QAM	22.34
NVNT	Band2	5	18900	1	#Mid	16QAM	22.81
NVNT	Band2	5	18900	1	#Max	16QAM	22.36
NVNT	Band2	5	18900	12	#0	16QAM	21.09
NVNT	Band2	5	18900	12	#Mid	16QAM	21.17
NVNT	Band2	5	18900	12	#Max	16QAM	21.13
NVNT	Band2	5	18900	25	#0	16QAM	21.23
NVNT	Band2	5	19175	1	#0	QPSK	22.94
NVNT	Band2	5	19175	1	#Mid	QPSK	23.32
NVNT	Band2	5	19175	1	#Max	QPSK	22.94
NVNT	Band2	5	19175	12	#0	QPSK	22.06
NVNT	Band2	5	19175	12	#Mid	QPSK	22.17
NVNT	Band2	5	19175	12	#Max	QPSK	22.06
NVNT	Band2	5	19175	25	#0	QPSK	22.09
NVNT	Band2	5	19175	1	#0	16QAM	22.38
NVNT	Band2	5	19175	1	#Mid	16QAM	22.77
NVNT	Band2	5	19175	1	#Max	16QAM	22.36
NVNT	Band2	5	19175	12	#0	16QAM	21.14
NVNT	Band2	5	19175	12	#Mid	16QAM	21.24
NVNT	Band2	5	19175	12	#Max	16QAM	21.15
NVNT	Band2	5	19175	25	#0	16QAM	21.11
NVNT	Band2	10	18650	1	#0	QPSK	23.53
NVNT	Band2	10	18650	1	#Mid	QPSK	23.53
NVNT	Band2	10	18650	1	#Max	QPSK	23.28
NVNT	Band2	10	18650	25	#0	QPSK	22.43
NVNT	Band2	10	18650	25	#Mid	QPSK	22.42
NVNT	Band2	10	18650	25	#Max	QPSK	22.45
NVNT	Band2	10	18650	50	#0	QPSK	22.41
NVNT	Band2	10	18650	1	#0	16QAM	22.92
NVNT	Band2	10	18650	1	#Mid	16QAM	22.98
NVNT	Band2	10	18650	1	#Max	16QAM	22.72
NVNT	Band2	10	18650	25	#0	16QAM	21.51
NVNT	Band2	10	18650	25	#Mid	16QAM	21.55
NVNT	Band2	10	18650	25	#Max	16QAM	21.51
NVNT	Band2	10	18650	50	#0	16QAM	21.47
NVNT	Band2	10	18900	1	#0	QPSK	23.12
NVNT	Band2	10	18900	1	#Mid	QPSK	23.23
NVNT	Band2	10	18900	1	#Max	QPSK	23.16
NVNT	Band2	10	18900	25	#0	QPSK	22.08
NVNT	Band2	10	18900	25	#Mid	QPSK	22.15
NVNT	Band2	10	18900	25	#Max	QPSK	22.21
NVNT	Band2	10	18900	50	#0	QPSK	22.15



NVNT	Band2	10	18900	1	#0	16QAM	22.3
NVNT	Band2	10	18900	1	#Mid	16QAM	22.45
NVNT	Band2	10	18900	1	#Max	16QAM	22.36
NVNT	Band2	10	18900	25	#0	16QAM	21.17
NVNT	Band2	10	18900	25	#Mid	16QAM	21.21
NVNT	Band2	10	18900	25	#Max	16QAM	21.28
NVNT	Band2	10	18900	50	#0	16QAM	21.26
NVNT	Band2	10	19150	1	#0	QPSK	23.15
NVNT	Band2	10	19150	1	#Mid	QPSK	23.26
NVNT	Band2	10	19150	1	#Max	QPSK	23.1
NVNT	Band2	10	19150	25	#0	QPSK	22.08
NVNT	Band2	10	19150	25	#Mid	QPSK	22.09
NVNT	Band2	10	19150	25	#Max	QPSK	22.16
NVNT	Band2	10	19150	50	#0	QPSK	22.11
NVNT	Band2	10	19150	1	#0	16QAM	22.02
NVNT	Band2	10	19150	1	#Mid	16QAM	22.13
NVNT	Band2	10	19150	1	#Max	16QAM	21.97
NVNT	Band2	10	19150	25	#0	16QAM	21.16
NVNT	Band2	10	19150	25	#Mid	16QAM	21.15
NVNT	Band2	10	19150	25	#Max	16QAM	21.24
NVNT	Band2	10	19150	50	#0	16QAM	21.18
NVNT	Band2	15	18675	1	#0	QPSK	23.43
NVNT	Band2	15	18675	1	#Mid	QPSK	23.58
NVNT	Band2	15	18675	1	#Max	QPSK	23.15
NVNT	Band2	15	18675	36	#0	QPSK	22.45
NVNT	Band2	15	18675	36	#Mid	QPSK	22.39
NVNT	Band2	15	18675	36	#Max	QPSK	22.27
NVNT	Band2	15	18675	75	#0	QPSK	22.36
NVNT	Band2	15	18675	1	#0	16QAM	22.85
NVNT	Band2	15	18675	1	#Mid	16QAM	23.05
NVNT	Band2	15	18675	1	#Max	16QAM	22.63
NVNT	Band2	15	18675	36	#0	16QAM	21.51
NVNT	Band2	15	18675	36	#Mid	16QAM	21.48
NVNT	Band2	15	18675	36	#Max	16QAM	21.37
NVNT	Band2	15	18675	75	#0	16QAM	21.42
NVNT	Band2	15	18900	1	#0	QPSK	23.05
NVNT	Band2	15	18900	1	#Mid	QPSK	23.4
NVNT	Band2	15	18900	1	#Max	QPSK	23.14
NVNT	Band2	15	18900	36	#0	QPSK	22.09
NVNT	Band2	15	18900	36	#Mid	QPSK	22.17
NVNT	Band2	15	18900	36	#Max	QPSK	22.24
NVNT	Band2	15	18900	75	#0	QPSK	22.17
NVNT	Band2	15	18900	1	#0	16QAM	22.27
NVNT	Band2	15	18900	1	#Mid	16QAM	22.63
NVNT	Band2	15	18900	1	#Max	16QAM	22.32
NVNT	Band2	15	18900	36	#0	16QAM	21.16
NVNT	Band2	15	18900	36	#Mid	16QAM	21.28
NVNT	Band2	15	18900	36	#Max	16QAM	21.32
NVNT	Band2	15	18900	75	#0	16QAM	21.17
NVNT	Band2	15	19125	1	#0	QPSK	23.11



NVNT	Band2	15	19125	1	#Mid	QPSK	23.49
NVNT	Band2	15	19125	1	#Max	QPSK	23.03
NVNT	Band2	15	19125	36	#0	QPSK	22.23
NVNT	Band2	15	19125	36	#Mid	QPSK	22.16
NVNT	Band2	15	19125	36	#Max	QPSK	22.19
NVNT	Band2	15	19125	75	#0	QPSK	22.17
NVNT	Band2	15	19125	1	#0	16QAM	22.24
NVNT	Band2	15	19125	1	#Mid	16QAM	22.49
NVNT	Band2	15	19125	1	#Max	16QAM	22.13
NVNT	Band2	15	19125	36	#0	16QAM	21.21
NVNT	Band2	15	19125	36	#Mid	16QAM	21.14
NVNT	Band2	15	19125	36	#Max	16QAM	21.18
NVNT	Band2	15	19125	75	#0	16QAM	21.25
NVNT	Band2	20	18700	1	#0	QPSK	23.29
NVNT	Band2	20	18700	1	#Mid	QPSK	23.43
NVNT	Band2	20	18700	1	#Max	QPSK	22.91
NVNT	Band2	20	18700	50	#0	QPSK	22.33
NVNT	Band2	20	18700	50	#Mid	QPSK	22.33
NVNT	Band2	20	18700	50	#Max	QPSK	22.13
NVNT	Band2	20	18700	100	#0	QPSK	22.27
NVNT	Band2	20	18700	1	#0	16QAM	22.64
NVNT	Band2	20	18700	1	#Mid	16QAM	22.74
NVNT	Band2	20	18700	1	#Max	16QAM	22.29
NVNT	Band2	20	18700	50	#0	16QAM	21.45
NVNT	Band2	20	18700	50	#Mid	16QAM	21.46
NVNT	Band2	20	18700	50	#Max	16QAM	21.25
NVNT	Band2	20	18700	100	#0	16QAM	21.33
NVNT	Band2	20	18900	1	#0	QPSK	22.92
NVNT	Band2	20	18900	1	#Mid	QPSK	23.3
NVNT	Band2	20	18900	1	#Max	QPSK	22.97
NVNT	Band2	20	18900	50	#0	QPSK	21.99
NVNT	Band2	20	18900	50	#Mid	QPSK	22.17
NVNT	Band2	20	18900	50	#Max	QPSK	22.15
NVNT	Band2	20	18900	100	#0	QPSK	22.11
NVNT	Band2	20	18900	1	#0	16QAM	22.24
NVNT	Band2	20	18900	1	#Mid	16QAM	22.58
NVNT	Band2	20	18900	1	#Max	16QAM	22.27
NVNT	Band2	20	18900	50	#0	16QAM	21.08
NVNT	Band2	20	18900	50	#Mid	16QAM	21.19
NVNT	Band2	20	18900	50	#Max	16QAM	21.19
NVNT	Band2	20	18900	100	#0	16QAM	21.18
NVNT	Band2	20	19100	1	#0	QPSK	22.98
NVNT	Band2	20	19100	1	#Mid	QPSK	23.25
NVNT	Band2	20	19100	1	#Max	QPSK	22.84
NVNT	Band2	20	19100	50	#0	QPSK	22.26
NVNT	Band2	20	19100	50	#Mid	QPSK	22.15
NVNT	Band2	20	19100	50	#Max	QPSK	22.12
NVNT	Band2	20	19100	100	#0	QPSK	22.22
NVNT	Band2	20	19100	1	#0	16QAM	22.25
NVNT	Band2	20	19100	1	#Mid	16QAM	22.55



NVNT	Band2	20	19100	1	#Max	16QAM	22.11
NVNT	Band2	20	19100	50	#0	16QAM	21.38
NVNT	Band2	20	19100	50	#Mid	16QAM	21.28
NVNT	Band2	20	19100	50	#Max	16QAM	21.22
NVNT	Band2	20	19100	100	#0	16QAM	21.27



LTE Band 4

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band4	1.4	19957	1	#0	QPSK	24.27
NVNT	Band4	1.4	19957	1	#Mid	QPSK	24.42
NVNT	Band4	1.4	19957	1	#Max	QPSK	24.24
NVNT	Band4	1.4	19957	3	#0	QPSK	24.22
NVNT	Band4	1.4	19957	3	#Mid	QPSK	24.15
NVNT	Band4	1.4	19957	3	#Max	QPSK	24.25
NVNT	Band4	1.4	19957	6	#0	QPSK	23.22
NVNT	Band4	1.4	19957	1	#0	16QAM	23.27
NVNT	Band4	1.4	19957	1	#Mid	16QAM	23.41
NVNT	Band4	1.4	19957	1	#Max	16QAM	23.28
NVNT	Band4	1.4	19957	3	#0	16QAM	23.37
NVNT	Band4	1.4	19957	3	#Mid	16QAM	23.38
NVNT	Band4	1.4	19957	3	#Max	16QAM	23.37
NVNT	Band4	1.4	19957	6	#0	16QAM	22.4
NVNT	Band4	1.4	20175	1	#0	QPSK	24.16
NVNT	Band4	1.4	20175	1	#Mid	QPSK	24.28
NVNT	Band4	1.4	20175	1	#Max	QPSK	24.12
NVNT	Band4	1.4	20175	3	#0	QPSK	24.26
NVNT	Band4	1.4	20175	3	#Mid	QPSK	24.25
NVNT	Band4	1.4	20175	3	#Max	QPSK	24.22
NVNT	Band4	1.4	20175	6	#0	QPSK	23.2
NVNT	Band4	1.4	20175	1	#0	16QAM	23.32
NVNT	Band4	1.4	20175	1	#Mid	16QAM	23.43
NVNT	Band4	1.4	20175	1	#Max	16QAM	23.31
NVNT	Band4	1.4	20175	3	#0	16QAM	23.4
NVNT	Band4	1.4	20175	3	#Mid	16QAM	23.39
NVNT	Band4	1.4	20175	3	#Max	16QAM	23.43
NVNT	Band4	1.4	20175	6	#0	16QAM	22.41
NVNT	Band4	1.4	20393	1	#0	QPSK	24.07
NVNT	Band4	1.4	20393	1	#Mid	QPSK	24.18
NVNT	Band4	1.4	20393	1	#Max	QPSK	24.06
NVNT	Band4	1.4	20393	3	#0	QPSK	24.1
NVNT	Band4	1.4	20393	3	#Mid	QPSK	24.08
NVNT	Band4	1.4	20393	3	#Max	QPSK	24.08
NVNT	Band4	1.4	20393	6	#0	QPSK	23.07
NVNT	Band4	1.4	20393	1	#0	16QAM	22.86
NVNT	Band4	1.4	20393	1	#Mid	16QAM	22.95
NVNT	Band4	1.4	20393	1	#Max	16QAM	22.82
NVNT	Band4	1.4	20393	3	#0	16QAM	23.12
NVNT	Band4	1.4	20393	3	#Mid	16QAM	23.18
NVNT	Band4	1.4	20393	3	#Max	16QAM	23.22
NVNT	Band4	1.4	20393	6	#0	16QAM	22.28
NVNT	Band4	3	19965	1	#0	QPSK	24.17
NVNT	Band4	3	19965	1	#Mid	QPSK	24.44
NVNT	Band4	3	19965	1	#Max	QPSK	24.15
NVNT	Band4	3	19965	8	#0	QPSK	23.18
NVNT	Band4	3	19965	8	#Mid	QPSK	23.21



NVNT	Band4	3	19965	8	#Max	QPSK	23.17
NVNT	Band4	3	19965	15	#0	QPSK	23.13
NVNT	Band4	3	19965	1	#0	16QAM	23.57
NVNT	Band4	3	19965	1	#Mid	16QAM	23.73
NVNT	Band4	3	19965	1	#Max	16QAM	23.55
NVNT	Band4	3	19965	8	#0	16QAM	22.24
NVNT	Band4	3	19965	8	#Mid	16QAM	22.26
NVNT	Band4	3	19965	8	#Max	16QAM	22.25
NVNT	Band4	3	19965	15	#0	16QAM	22.24
NVNT	Band4	3	20175	1	#0	QPSK	24.19
NVNT	Band4	3	20175	1	#Mid	QPSK	24.41
NVNT	Band4	3	20175	1	#Max	QPSK	24.19
NVNT	Band4	3	20175	8	#0	QPSK	23.2
NVNT	Band4	3	20175	8	#Mid	QPSK	23.18
NVNT	Band4	3	20175	8	#Max	QPSK	23.21
NVNT	Band4	3	20175	15	#0	QPSK	23.18
NVNT	Band4	3	20175	1	#0	16QAM	23.33
NVNT	Band4	3	20175	1	#Mid	16QAM	23.62
NVNT	Band4	3	20175	1	#Max	16QAM	23.35
NVNT	Band4	3	20175	8	#0	16QAM	22.27
NVNT	Band4	3	20175	8	#Mid	16QAM	22.28
NVNT	Band4	3	20175	8	#Max	16QAM	22.22
NVNT	Band4	3	20175	15	#0	16QAM	22.2
NVNT	Band4	3	20385	1	#0	QPSK	24.06
NVNT	Band4	3	20385	1	#Mid	QPSK	24.37
NVNT	Band4	3	20385	1	#Max	QPSK	24.1
NVNT	Band4	3	20385	8	#0	QPSK	23.05
NVNT	Band4	3	20385	8	#Mid	QPSK	23.05
NVNT	Band4	3	20385	8	#Max	QPSK	23
NVNT	Band4	3	20385	15	#0	QPSK	23
NVNT	Band4	3	20385	1	#0	16QAM	22.88
NVNT	Band4	3	20385	1	#Mid	16QAM	23.15
NVNT	Band4	3	20385	1	#Max	16QAM	22.81
NVNT	Band4	3	20385	8	#0	16QAM	22.06
NVNT	Band4	3	20385	8	#Mid	16QAM	22.08
NVNT	Band4	3	20385	8	#Max	16QAM	22.07
NVNT	Band4	3	20385	15	#0	16QAM	22.12
NVNT	Band4	5	19975	1	#0	QPSK	24.11
NVNT	Band4	5	19975	1	#Mid	QPSK	24.53
NVNT	Band4	5	19975	1	#Max	QPSK	24.01
NVNT	Band4	5	19975	12	#0	QPSK	23.19
NVNT	Band4	5	19975	12	#Mid	QPSK	23.23
NVNT	Band4	5	19975	12	#Max	QPSK	23.17
NVNT	Band4	5	19975	25	#0	QPSK	23.19
NVNT	Band4	5	19975	1	#0	16QAM	23.57
NVNT	Band4	5	19975	1	#Mid	16QAM	23.94
NVNT	Band4	5	19975	1	#Max	16QAM	23.56
NVNT	Band4	5	19975	12	#0	16QAM	22.21
NVNT	Band4	5	19975	12	#Mid	16QAM	22.26
NVNT	Band4	5	19975	12	#Max	16QAM	22.19



NVNT	Band4	5	19975	25	#0	16QAM	22.21
NVNT	Band4	5	20175	1	#0	QPSK	24.13
NVNT	Band4	5	20175	1	#Mid	QPSK	24.34
NVNT	Band4	5	20175	1	#Max	QPSK	24.12
NVNT	Band4	5	20175	12	#0	QPSK	23.2
NVNT	Band4	5	20175	12	#Mid	QPSK	23.21
NVNT	Band4	5	20175	12	#Max	QPSK	23.16
NVNT	Band4	5	20175	25	#0	QPSK	23.2
NVNT	Band4	5	20175	1	#0	16QAM	23.37
NVNT	Band4	5	20175	1	#Mid	16QAM	23.74
NVNT	Band4	5	20175	1	#Max	16QAM	23.39
NVNT	Band4	5	20175	12	#0	16QAM	22.16
NVNT	Band4	5	20175	12	#Mid	16QAM	22.24
NVNT	Band4	5	20175	12	#Max	16QAM	22.12
NVNT	Band4	5	20175	25	#0	16QAM	22.28
NVNT	Band4	5	20375	1	#0	QPSK	23.9
NVNT	Band4	5	20375	1	#Mid	QPSK	24.19
NVNT	Band4	5	20375	1	#Max	QPSK	23.88
NVNT	Band4	5	20375	12	#0	QPSK	23.02
NVNT	Band4	5	20375	12	#Mid	QPSK	23.11
NVNT	Band4	5	20375	12	#Max	QPSK	22.95
NVNT	Band4	5	20375	25	#0	QPSK	23.04
NVNT	Band4	5	20375	1	#0	16QAM	23.24
NVNT	Band4	5	20375	1	#Mid	16QAM	23.54
NVNT	Band4	5	20375	1	#Max	16QAM	23.19
NVNT	Band4	5	20375	12	#0	16QAM	22.08
NVNT	Band4	5	20375	12	#Mid	16QAM	22.18
NVNT	Band4	5	20375	12	#Max	16QAM	22.06
NVNT	Band4	5	20375	25	#0	16QAM	22.09
NVNT	Band4	10	20000	1	#0	QPSK	24.19
NVNT	Band4	10	20000	1	#Mid	QPSK	24.23
NVNT	Band4	10	20000	1	#Max	QPSK	24.07
NVNT	Band4	10	20000	25	#0	QPSK	23.19
NVNT	Band4	10	20000	25	#Mid	QPSK	23.22
NVNT	Band4	10	20000	25	#Max	QPSK	23.22
NVNT	Band4	10	20000	50	#0	QPSK	23.17
NVNT	Band4	10	20000	1	#0	16QAM	23.56
NVNT	Band4	10	20000	1	#Mid	16QAM	23.65
NVNT	Band4	10	20000	1	#Max	16QAM	23.47
NVNT	Band4	10	20000	25	#0	16QAM	22.27
NVNT	Band4	10	20000	25	#Mid	16QAM	22.24
NVNT	Band4	10	20000	25	#Max	16QAM	22.27
NVNT	Band4	10	20000	50	#0	16QAM	22.28
NVNT	Band4	10	20175	1	#0	QPSK	24.2
NVNT	Band4	10	20175	1	#Mid	QPSK	24.31
NVNT	Band4	10	20175	1	#Max	QPSK	24.15
NVNT	Band4	10	20175	25	#0	QPSK	23.25
NVNT	Band4	10	20175	25	#Mid	QPSK	23.21
NVNT	Band4	10	20175	25	#Max	QPSK	23.23
NVNT	Band4	10	20175	50	#0	QPSK	23.21



NVNT	Band4	10	20175	1	#0	16QAM	23.31
NVNT	Band4	10	20175	1	#Mid	16QAM	23.45
NVNT	Band4	10	20175	1	#Max	16QAM	23.3
NVNT	Band4	10	20175	25	#0	16QAM	22.26
NVNT	Band4	10	20175	25	#Mid	16QAM	22.27
NVNT	Band4	10	20175	25	#Max	16QAM	22.29
NVNT	Band4	10	20175	50	#0	16QAM	22.29
NVNT	Band4	10	20350	1	#0	QPSK	24.28
NVNT	Band4	10	20350	1	#Mid	QPSK	24.32
NVNT	Band4	10	20350	1	#Max	QPSK	24.01
NVNT	Band4	10	20350	25	#0	QPSK	23.15
NVNT	Band4	10	20350	25	#Mid	QPSK	23.09
NVNT	Band4	10	20350	25	#Max	QPSK	23.03
NVNT	Band4	10	20350	50	#0	QPSK	23.1
NVNT	Band4	10	20350	1	#0	16QAM	23
NVNT	Band4	10	20350	1	#Mid	16QAM	23.02
NVNT	Band4	10	20350	1	#Max	16QAM	22.79
NVNT	Band4	10	20350	25	#0	16QAM	22.22
NVNT	Band4	10	20350	25	#Mid	16QAM	22.16
NVNT	Band4	10	20350	25	#Max	16QAM	22.1
NVNT	Band4	10	20350	50	#0	16QAM	22.14
NVNT	Band4	15	20025	1	#0	QPSK	24.07
NVNT	Band4	15	20025	1	#Mid	QPSK	24.41
NVNT	Band4	15	20025	1	#Max	QPSK	23.99
NVNT	Band4	15	20025	36	#0	QPSK	23.19
NVNT	Band4	15	20025	36	#Mid	QPSK	23.22
NVNT	Band4	15	20025	36	#Max	QPSK	23.22
NVNT	Band4	15	20025	75	#0	QPSK	23.23
NVNT	Band4	15	20025	1	#0	16QAM	23.49
NVNT	Band4	15	20025	1	#Mid	16QAM	23.9
NVNT	Band4	15	20025	1	#Max	16QAM	23.42
NVNT	Band4	15	20025	36	#0	16QAM	22.26
NVNT	Band4	15	20025	36	#Mid	16QAM	22.25
NVNT	Band4	15	20025	36	#Max	16QAM	22.24
NVNT	Band4	15	20025	75	#0	16QAM	22.27
NVNT	Band4	15	20175	1	#0	QPSK	24.08
NVNT	Band4	15	20175	1	#Mid	QPSK	24.46
NVNT	Band4	15	20175	1	#Max	QPSK	24.11
NVNT	Band4	15	20175	36	#0	QPSK	23.27
NVNT	Band4	15	20175	36	#Mid	QPSK	23.3
NVNT	Band4	15	20175	36	#Max	QPSK	23.33
NVNT	Band4	15	20175	75	#0	QPSK	23.28
NVNT	Band4	15	20175	1	#0	16QAM	23.23
NVNT	Band4	15	20175	1	#Mid	16QAM	23.58
NVNT	Band4	15	20175	1	#Max	16QAM	23.32
NVNT	Band4	15	20175	36	#0	16QAM	22.31
NVNT	Band4	15	20175	36	#Mid	16QAM	22.35
NVNT	Band4	15	20175	36	#Max	16QAM	22.35
NVNT	Band4	15	20175	75	#0	16QAM	22.29
NVNT	Band4	15	20325	1	#0	QPSK	24.2



NVNT	Band4	15	20325	1	#Mid	QPSK	24.46
NVNT	Band4	15	20325	1	#Max	QPSK	24
NVNT	Band4	15	20325	36	#0	QPSK	23.34
NVNT	Band4	15	20325	36	#Mid	QPSK	23.34
NVNT	Band4	15	20325	36	#Max	QPSK	23.18
NVNT	Band4	15	20325	75	#0	QPSK	23.28
NVNT	Band4	15	20325	1	#0	16QAM	23.18
NVNT	Band4	15	20325	1	#Mid	16QAM	23.61
NVNT	Band4	15	20325	1	#Max	16QAM	23.03
NVNT	Band4	15	20325	36	#0	16QAM	22.24
NVNT	Band4	15	20325	36	#Mid	16QAM	22.24
NVNT	Band4	15	20325	36	#Max	16QAM	22.13
NVNT	Band4	15	20325	75	#0	16QAM	22.28
NVNT	Band4	20	20050	1	#0	QPSK	23.93
NVNT	Band4	20	20050	1	#Mid	QPSK	24.19
NVNT	Band4	20	20050	1	#Max	QPSK	23.86
NVNT	Band4	20	20050	50	#0	QPSK	23.04
NVNT	Band4	20	20050	50	#Mid	QPSK	23.14
NVNT	Band4	20	20050	50	#Max	QPSK	23.11
NVNT	Band4	20	20050	100	#0	QPSK	23.09
NVNT	Band4	20	20050	1	#0	16QAM	23.27
NVNT	Band4	20	20050	1	#Mid	16QAM	23.53
NVNT	Band4	20	20050	1	#Max	16QAM	23.17
NVNT	Band4	20	20050	50	#0	16QAM	22.16
NVNT	Band4	20	20050	50	#Mid	16QAM	22.26
NVNT	Band4	20	20050	50	#Max	16QAM	22.26
NVNT	Band4	20	20050	100	#0	16QAM	22.17
NVNT	Band4	20	20175	1	#0	QPSK	23.93
NVNT	Band4	20	20175	1	#Mid	QPSK	24.43
NVNT	Band4	20	20175	1	#Max	QPSK	24.01
NVNT	Band4	20	20175	50	#0	QPSK	23.15
NVNT	Band4	20	20175	50	#Mid	QPSK	23.23
NVNT	Band4	20	20175	50	#Max	QPSK	23.16
NVNT	Band4	20	20175	100	#0	QPSK	23.14
NVNT	Band4	20	20175	1	#0	16QAM	23.18
NVNT	Band4	20	20175	1	#Mid	16QAM	23.52
NVNT	Band4	20	20175	1	#Max	16QAM	23.14
NVNT	Band4	20	20175	50	#0	16QAM	22.2
NVNT	Band4	20	20175	50	#Mid	16QAM	22.27
NVNT	Band4	20	20175	50	#Max	16QAM	22.21



NVNT	Band4	20	20175	100	#0	16QAM	22.17
NVNT	Band4	20	20300	1	#0	QPSK	24.03
NVNT	Band4	20	20300	1	#Mid	QPSK	24.36
NVNT	Band4	20	20300	1	#Max	QPSK	23.78
NVNT	Band4	20	20300	50	#0	QPSK	23.26
NVNT	Band4	20	20300	50	#Mid	QPSK	23.17
NVNT	Band4	20	20300	50	#Max	QPSK	23.01
NVNT	Band4	20	20300	100	#0	QPSK	23.18
NVNT	Band4	20	20300	1	#0	16QAM	23.21
NVNT	Band4	20	20300	1	#Mid	16QAM	23.49
NVNT	Band4	20	20300	1	#Max	16QAM	22.98
NVNT	Band4	20	20300	50	#0	16QAM	22.32
NVNT	Band4	20	20300	50	#Mid	16QAM	22.31
NVNT	Band4	20	20300	50	#Max	16QAM	22.14
NVNT	Band4	20	20300	100	#0	16QAM	22.21



LTE Band 5

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band5	1.4	20407	1	#0	QPSK	24.35
NVNT	Band5	1.4	20407	1	#Mid	QPSK	24.4
NVNT	Band5	1.4	20407	1	#Max	QPSK	24.28
NVNT	Band5	1.4	20407	3	#0	QPSK	24.24
NVNT	Band5	1.4	20407	3	#Mid	QPSK	24.31
NVNT	Band5	1.4	20407	3	#Max	QPSK	24.26
NVNT	Band5	1.4	20407	6	#0	QPSK	23.3
NVNT	Band5	1.4	20407	1	#0	16QAM	23.38
NVNT	Band5	1.4	20407	1	#Mid	16QAM	23.46
NVNT	Band5	1.4	20407	1	#Max	16QAM	23.36
NVNT	Band5	1.4	20407	3	#0	16QAM	23.46
NVNT	Band5	1.4	20407	3	#Mid	16QAM	23.5
NVNT	Band5	1.4	20407	3	#Max	16QAM	23.39
NVNT	Band5	1.4	20407	6	#0	16QAM	22.44
NVNT	Band5	1.4	20525	1	#0	QPSK	24.04
NVNT	Band5	1.4	20525	1	#Mid	QPSK	24.22
NVNT	Band5	1.4	20525	1	#Max	QPSK	24.04
NVNT	Band5	1.4	20525	3	#0	QPSK	24.19
NVNT	Band5	1.4	20525	3	#Mid	QPSK	24.2
NVNT	Band5	1.4	20525	3	#Max	QPSK	24.18
NVNT	Band5	1.4	20525	6	#0	QPSK	23.08
NVNT	Band5	1.4	20525	1	#0	16QAM	23.29
NVNT	Band5	1.4	20525	1	#Mid	16QAM	23.42
NVNT	Band5	1.4	20525	1	#Max	16QAM	23.32
NVNT	Band5	1.4	20525	3	#0	16QAM	23.41
NVNT	Band5	1.4	20525	3	#Mid	16QAM	23.44
NVNT	Band5	1.4	20525	3	#Max	16QAM	23.45
NVNT	Band5	1.4	20525	6	#0	16QAM	22.27
NVNT	Band5	1.4	20643	1	#0	QPSK	24.17
NVNT	Band5	1.4	20643	1	#Mid	QPSK	24.36
NVNT	Band5	1.4	20643	1	#Max	QPSK	24.17
NVNT	Band5	1.4	20643	3	#0	QPSK	24.23
NVNT	Band5	1.4	20643	3	#Mid	QPSK	24.26
NVNT	Band5	1.4	20643	3	#Max	QPSK	24.19
NVNT	Band5	1.4	20643	6	#0	QPSK	23.18
NVNT	Band5	1.4	20643	1	#0	16QAM	22.96
NVNT	Band5	1.4	20643	1	#Mid	16QAM	23.18
NVNT	Band5	1.4	20643	1	#Max	16QAM	23.01
NVNT	Band5	1.4	20643	3	#0	16QAM	23.38
NVNT	Band5	1.4	20643	3	#Mid	16QAM	23.38
NVNT	Band5	1.4	20643	3	#Max	16QAM	23.35
NVNT	Band5	1.4	20643	6	#0	16QAM	22.41
NVNT	Band5	3	20415	1	#0	QPSK	24.2
NVNT	Band5	3	20415	1	#Mid	QPSK	24.47
NVNT	Band5	3	20415	1	#Max	QPSK	24.15
NVNT	Band5	3	20415	8	#0	QPSK	23.22
NVNT	Band5	3	20415	8	#Mid	QPSK	23.24



NVNT	Band5	3	20415	8	#Max	QPSK	23.21
NVNT	Band5	3	20415	15	#0	QPSK	23.17
NVNT	Band5	3	20415	1	#0	16QAM	23.66
NVNT	Band5	3	20415	1	#Mid	16QAM	23.95
NVNT	Band5	3	20415	1	#Max	16QAM	23.6
NVNT	Band5	3	20415	8	#0	16QAM	22.24
NVNT	Band5	3	20415	8	#Mid	16QAM	22.26
NVNT	Band5	3	20415	8	#Max	16QAM	22.21
NVNT	Band5	3	20415	15	#0	16QAM	22.19
NVNT	Band5	3	20525	1	#0	QPSK	24.09
NVNT	Band5	3	20525	1	#Mid	QPSK	24.43
NVNT	Band5	3	20525	1	#Max	QPSK	24.1
NVNT	Band5	3	20525	8	#0	QPSK	23.11
NVNT	Band5	3	20525	8	#Mid	QPSK	23.1
NVNT	Band5	3	20525	8	#Max	QPSK	23.11
NVNT	Band5	3	20525	15	#0	QPSK	23.09
NVNT	Band5	3	20525	1	#0	16QAM	23.27
NVNT	Band5	3	20525	1	#Mid	16QAM	23.74
NVNT	Band5	3	20525	1	#Max	16QAM	23.32
NVNT	Band5	3	20525	8	#0	16QAM	22.14
NVNT	Band5	3	20525	8	#Mid	16QAM	22.15
NVNT	Band5	3	20525	8	#Max	16QAM	22.13
NVNT	Band5	3	20525	15	#0	16QAM	22.06
NVNT	Band5	3	20635	1	#0	QPSK	24.19
NVNT	Band5	3	20635	1	#Mid	QPSK	24.53
NVNT	Band5	3	20635	1	#Max	QPSK	24.26
NVNT	Band5	3	20635	8	#0	QPSK	23.22
NVNT	Band5	3	20635	8	#Mid	QPSK	23.26
NVNT	Band5	3	20635	8	#Max	QPSK	23.17
NVNT	Band5	3	20635	15	#0	QPSK	23.16
NVNT	Band5	3	20635	1	#0	16QAM	23.05
NVNT	Band5	3	20635	1	#Mid	16QAM	23.33
NVNT	Band5	3	20635	1	#Max	16QAM	23.05
NVNT	Band5	3	20635	8	#0	16QAM	22.19
NVNT	Band5	3	20635	8	#Mid	16QAM	22.22
NVNT	Band5	3	20635	8	#Max	16QAM	22.16
NVNT	Band5	3	20635	15	#0	16QAM	22.25
NVNT	Band5	5	20425	1	#0	QPSK	24.1
NVNT	Band5	5	20425	1	#Mid	QPSK	24.54
NVNT	Band5	5	20425	1	#Max	QPSK	24.08
NVNT	Band5	5	20425	12	#0	QPSK	23.19
NVNT	Band5	5	20425	12	#Mid	QPSK	23.29
NVNT	Band5	5	20425	12	#Max	QPSK	23.18
NVNT	Band5	5	20425	25	#0	QPSK	23.2
NVNT	Band5	5	20425	1	#0	16QAM	23.68
NVNT	Band5	5	20425	1	#Mid	16QAM	23.93
NVNT	Band5	5	20425	1	#Max	16QAM	23.58
NVNT	Band5	5	20425	12	#0	16QAM	22.14
NVNT	Band5	5	20425	12	#Mid	16QAM	22.27
NVNT	Band5	5	20425	12	#Max	16QAM	22.2



NVNT	Band5	5	20425	25	#0	16QAM	22.19
NVNT	Band5	5	20525	1	#0	QPSK	24.03
NVNT	Band5	5	20525	1	#Mid	QPSK	24.39
NVNT	Band5	5	20525	1	#Max	QPSK	24.04
NVNT	Band5	5	20525	12	#0	QPSK	23.08
NVNT	Band5	5	20525	12	#Mid	QPSK	23.19
NVNT	Band5	5	20525	12	#Max	QPSK	23.15
NVNT	Band5	5	20525	25	#0	QPSK	23.19
NVNT	Band5	5	20525	1	#0	16QAM	23.37
NVNT	Band5	5	20525	1	#Mid	16QAM	23.77
NVNT	Band5	5	20525	1	#Max	16QAM	23.35
NVNT	Band5	5	20525	12	#0	16QAM	22.14
NVNT	Band5	5	20525	12	#Mid	16QAM	22.15
NVNT	Band5	5	20525	12	#Max	16QAM	22.08
NVNT	Band5	5	20525	25	#0	16QAM	22.25
NVNT	Band5	5	20625	1	#0	QPSK	24.01
NVNT	Band5	5	20625	1	#Mid	QPSK	24.32
NVNT	Band5	5	20625	1	#Max	QPSK	24.05
NVNT	Band5	5	20625	12	#0	QPSK	23.2
NVNT	Band5	5	20625	12	#Mid	QPSK	23.25
NVNT	Band5	5	20625	12	#Max	QPSK	23.1
NVNT	Band5	5	20625	25	#0	QPSK	23.15
NVNT	Band5	5	20625	1	#0	16QAM	23.26
NVNT	Band5	5	20625	1	#Mid	16QAM	23.73
NVNT	Band5	5	20625	1	#Max	16QAM	23.39
NVNT	Band5	5	20625	12	#0	16QAM	22.19
NVNT	Band5	5	20625	12	#Mid	16QAM	22.25
NVNT	Band5	5	20625	12	#Max	16QAM	22.08
NVNT	Band5	5	20625	25	#0	16QAM	22.17
NVNT	Band5	10	20450	1	#0	QPSK	24.18
NVNT	Band5	10	20450	1	#Mid	QPSK	24.29
NVNT	Band5	10	20450	1	#Max	QPSK	24.03
NVNT	Band5	10	20450	25	#0	QPSK	23.22
NVNT	Band5	10	20450	25	#Mid	QPSK	23.21
NVNT	Band5	10	20450	25	#Max	QPSK	23.13
NVNT	Band5	10	20450	50	#0	QPSK	23.19
NVNT	Band5	10	20450	1	#0	16QAM	23.62
NVNT	Band5	10	20450	1	#Mid	16QAM	23.68
NVNT	Band5	10	20450	1	#Max	16QAM	23.55
NVNT	Band5	10	20450	25	#0	16QAM	22.27
NVNT	Band5	10	20450	25	#Mid	16QAM	22.23
NVNT	Band5	10	20450	25	#Max	16QAM	22.19
NVNT	Band5	10	20450	50	#0	16QAM	22.19
NVNT	Band5	10	20525	1	#0	QPSK	24.15
NVNT	Band5	10	20525	1	#Mid	QPSK	24.19
NVNT	Band5	10	20525	1	#Max	QPSK	24.14
NVNT	Band5	10	20525	25	#0	QPSK	23.22
NVNT	Band5	10	20525	25	#Mid	QPSK	23.17
NVNT	Band5	10	20525	25	#Max	QPSK	23.26
NVNT	Band5	10	20525	50	#0	QPSK	23.24



NVNT	Band5	10	20525	1	#0	16QAM	23.33
NVNT	Band5	10	20525	1	#Mid	16QAM	23.39
NVNT	Band5	10	20525	1	#Max	16QAM	23.28
NVNT	Band5	10	20525	25	#0	16QAM	22.28
NVNT	Band5	10	20525	25	#Mid	16QAM	22.15
NVNT	Band5	10	20525	25	#Max	16QAM	22.26
NVNT	Band5	10	20525	50	#0	16QAM	22.29
NVNT	Band5	10	20600	1	#0	QPSK	24.23
NVNT	Band5	10	20600	1	#Mid	QPSK	24.27
NVNT	Band5	10	20600	1	#Max	QPSK	24.22
NVNT	Band5	10	20600	25	#0	QPSK	23.18
NVNT	Band5	10	20600	25	#Mid	QPSK	23.2
NVNT	Band5	10	20600	25	#Max	QPSK	23.04
NVNT	Band5	10	20600	50	#0	QPSK	23.12
NVNT	Band5	10	20600	1	#0	16QAM	23.06
NVNT	Band5	10	20600	1	#Mid	16QAM	23.1
NVNT	Band5	10	20600	1	#Max	16QAM	23.06
NVNT	Band5	10	20600	25	#0	16QAM	22.18
NVNT	Band5	10	20600	25	#Mid	16QAM	22.2
NVNT	Band5	10	20600	25	#Max	16QAM	22.04
NVNT	Band5	10	20600	50	#0	16QAM	22.11



LTE Band 7

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band7	5	20775	1	#0	QPSK	21.97
NVNT	Band7	5	20775	1	#Mid	QPSK	22.24
NVNT	Band7	5	20775	1	#Max	QPSK	21.97
NVNT	Band7	5	20775	12	#0	QPSK	21
NVNT	Band7	5	20775	12	#Mid	QPSK	21.11
NVNT	Band7	5	20775	12	#Max	QPSK	21.08
NVNT	Band7	5	20775	25	#0	QPSK	21.02
NVNT	Band7	5	20775	1	#0	16QAM	21.5
NVNT	Band7	5	20775	1	#Mid	16QAM	21.82
NVNT	Band7	5	20775	1	#Max	16QAM	21.48
NVNT	Band7	5	20775	12	#0	16QAM	20.01
NVNT	Band7	5	20775	12	#Mid	16QAM	20.09
NVNT	Band7	5	20775	12	#Max	16QAM	20.05
NVNT	Band7	5	20775	25	#0	16QAM	20
NVNT	Band7	5	21100	1	#0	QPSK	21.53
NVNT	Band7	5	21100	1	#Mid	QPSK	21.82
NVNT	Band7	5	21100	1	#Max	QPSK	21.48
NVNT	Band7	5	21100	12	#0	QPSK	20.56
NVNT	Band7	5	21100	12	#Mid	QPSK	20.59
NVNT	Band7	5	21100	12	#Max	QPSK	20.53
NVNT	Band7	5	21100	25	#0	QPSK	20.56
NVNT	Band7	5	21100	1	#0	16QAM	20.76
NVNT	Band7	5	21100	1	#Mid	16QAM	21.13
NVNT	Band7	5	21100	1	#Max	16QAM	20.78
NVNT	Band7	5	21100	12	#0	16QAM	19.45
NVNT	Band7	5	21100	12	#Mid	16QAM	19.53
NVNT	Band7	5	21100	12	#Max	16QAM	19.48
NVNT	Band7	5	21100	25	#0	16QAM	19.6



NVNT	Band7	5	21425	1	#0	QPSK	21.55
NVNT	Band7	5	21425	1	#Mid	QPSK	21.81
NVNT	Band7	5	21425	1	#Max	QPSK	21.4
NVNT	Band7	5	21425	12	#0	QPSK	20.67
NVNT	Band7	5	21425	12	#Mid	QPSK	20.63
NVNT	Band7	5	21425	12	#Max	QPSK	20.51
NVNT	Band7	5	21425	25	#0	QPSK	20.56
NVNT	Band7	5	21425	1	#0	16QAM	20.83
NVNT	Band7	5	21425	1	#Mid	16QAM	21.07
NVNT	Band7	5	21425	1	#Max	16QAM	20.7
NVNT	Band7	5	21425	12	#0	16QAM	19.63
NVNT	Band7	5	21425	12	#Mid	16QAM	19.63
NVNT	Band7	5	21425	12	#Max	16QAM	19.47
NVNT	Band7	5	21425	25	#0	16QAM	19.56
NVNT	Band7	10	20800	1	#0	QPSK	22.03
NVNT	Band7	10	20800	1	#Mid	QPSK	22.14
NVNT	Band7	10	20800	1	#Max	QPSK	21.99
NVNT	Band7	10	20800	25	#0	QPSK	21
NVNT	Band7	10	20800	25	#Mid	QPSK	21.06
NVNT	Band7	10	20800	25	#Max	QPSK	21.12
NVNT	Band7	10	20800	50	#0	QPSK	21
NVNT	Band7	10	20800	1	#0	16QAM	21.46
NVNT	Band7	10	20800	1	#Mid	16QAM	21.56
NVNT	Band7	10	20800	1	#Max	16QAM	21.34
NVNT	Band7	10	20800	25	#0	16QAM	20.05
NVNT	Band7	10	20800	25	#Mid	16QAM	20.09
NVNT	Band7	10	20800	25	#Max	16QAM	20.17
NVNT	Band7	10	20800	50	#0	16QAM	20.06
NVNT	Band7	10	21100	1	#0	QPSK	21.63
NVNT	Band7	10	21100	1	#Mid	QPSK	21.69



NVNT	Band7	10	21100	1	#Max	QPSK	21.55
NVNT	Band7	10	21100	25	#0	QPSK	20.63
NVNT	Band7	10	21100	25	#Mid	QPSK	20.57
NVNT	Band7	10	21100	25	#Max	QPSK	20.65
NVNT	Band7	10	21100	50	#0	QPSK	20.62
NVNT	Band7	10	21100	1	#0	16QAM	20.71
NVNT	Band7	10	21100	1	#Mid	16QAM	20.76
NVNT	Band7	10	21100	1	#Max	16QAM	20.71
NVNT	Band7	10	21100	25	#0	16QAM	19.62
NVNT	Band7	10	21100	25	#Mid	16QAM	19.58
NVNT	Band7	10	21100	25	#Max	16QAM	19.63
NVNT	Band7	10	21100	50	#0	16QAM	19.64
NVNT	Band7	10	21400	1	#0	QPSK	21.81
NVNT	Band7	10	21400	1	#Mid	QPSK	21.87
NVNT	Band7	10	21400	1	#Max	QPSK	21.62
NVNT	Band7	10	21400	25	#0	QPSK	20.82
NVNT	Band7	10	21400	25	#Mid	QPSK	20.7
NVNT	Band7	10	21400	25	#Max	QPSK	20.57
NVNT	Band7	10	21400	50	#0	QPSK	20.73
NVNT	Band7	10	21400	1	#0	16QAM	20.62
NVNT	Band7	10	21400	1	#Mid	16QAM	20.59
NVNT	Band7	10	21400	1	#Max	16QAM	20.35
NVNT	Band7	10	21400	25	#0	16QAM	19.83
NVNT	Band7	10	21400	25	#Mid	16QAM	19.68
NVNT	Band7	10	21400	25	#Max	16QAM	19.57
NVNT	Band7	10	21400	50	#0	16QAM	19.68
NVNT	Band7	15	20825	1	#0	QPSK	21.98
NVNT	Band7	15	20825	1	#Mid	QPSK	22.25
NVNT	Band7	15	20825	1	#Max	QPSK	21.86
NVNT	Band7	15	20825	36	#0	QPSK	21.05



NVNT	Band7	15	20825	36	#Mid	QPSK	21.1
NVNT	Band7	15	20825	36	#Max	QPSK	21.13
NVNT	Band7	15	20825	75	#0	QPSK	21.1
NVNT	Band7	15	20825	1	#0	16QAM	21.37
NVNT	Band7	15	20825	1	#Mid	16QAM	21.71
NVNT	Band7	15	20825	1	#Max	16QAM	21.21
NVNT	Band7	15	20825	36	#0	16QAM	20.05
NVNT	Band7	15	20825	36	#Mid	16QAM	20.08
NVNT	Band7	15	20825	36	#Max	16QAM	20.11
NVNT	Band7	15	20825	75	#0	16QAM	20.08
NVNT	Band7	15	21100	1	#0	QPSK	21.6
NVNT	Band7	15	21100	1	#Mid	QPSK	21.81
NVNT	Band7	15	21100	1	#Max	QPSK	21.52
NVNT	Band7	15	21100	36	#0	QPSK	20.74
NVNT	Band7	15	21100	36	#Mid	QPSK	20.69
NVNT	Band7	15	21100	36	#Max	QPSK	20.69
NVNT	Band7	15	21100	75	#0	QPSK	20.77
NVNT	Band7	15	21100	1	#0	16QAM	20.68
NVNT	Band7	15	21100	1	#Mid	16QAM	21.06
NVNT	Band7	15	21100	1	#Max	16QAM	20.7
NVNT	Band7	15	21100	36	#0	16QAM	19.71
NVNT	Band7	15	21100	36	#Mid	16QAM	19.69
NVNT	Band7	15	21100	36	#Max	16QAM	19.74
NVNT	Band7	15	21100	75	#0	16QAM	19.67
NVNT	Band7	15	21375	1	#0	QPSK	21.78
NVNT	Band7	15	21375	1	#Mid	QPSK	22.14
NVNT	Band7	15	21375	1	#Max	QPSK	21.59
NVNT	Band7	15	21375	36	#0	QPSK	20.89
NVNT	Band7	15	21375	36	#Mid	QPSK	20.88
NVNT	Band7	15	21375	36	#Max	QPSK	20.72



NVNT	Band7	15	21375	75	#0	QPSK	20.82
NVNT	Band7	15	21375	1	#0	16QAM	20.84
NVNT	Band7	15	21375	1	#Mid	16QAM	21.01
NVNT	Band7	15	21375	1	#Max	16QAM	20.51
NVNT	Band7	15	21375	36	#0	16QAM	19.83
NVNT	Band7	15	21375	36	#Mid	16QAM	19.77
NVNT	Band7	15	21375	36	#Max	16QAM	19.64
NVNT	Band7	15	21375	75	#0	16QAM	19.83
NVNT	Band7	20	20850	1	#0	QPSK	21.83
NVNT	Band7	20	20850	1	#Mid	QPSK	22.21
NVNT	Band7	20	20850	1	#Max	QPSK	21.66
NVNT	Band7	20	20850	50	#0	QPSK	20.9
NVNT	Band7	20	20850	50	#Mid	QPSK	21.05
NVNT	Band7	20	20850	50	#Max	QPSK	21.04
NVNT	Band7	20	20850	100	#0	QPSK	20.98
NVNT	Band7	20	20850	1	#0	16QAM	21.16
NVNT	Band7	20	20850	1	#Mid	16QAM	21.43
NVNT	Band7	20	20850	1	#Max	16QAM	20.9
NVNT	Band7	20	20850	50	#0	16QAM	19.95
NVNT	Band7	20	20850	50	#Mid	16QAM	20.11
NVNT	Band7	20	20850	50	#Max	16QAM	20.07
NVNT	Band7	20	20850	100	#0	16QAM	19.94
NVNT	Band7	20	21100	1	#0	QPSK	21.6
NVNT	Band7	20	21100	1	#Mid	QPSK	21.81
NVNT	Band7	20	21100	1	#Max	QPSK	21.47
NVNT	Band7	20	21100	50	#0	QPSK	20.66
NVNT	Band7	20	21100	50	#Mid	QPSK	20.63
NVNT	Band7	20	21100	50	#Max	QPSK	20.66
NVNT	Band7	20	21100	100	#0	QPSK	20.63
NVNT	Band7	20	21100	1	#0	16QAM	20.58



NVNT	Band7	20	21100	1	#Mid	16QAM	20.89
NVNT	Band7	20	21100	1	#Max	16QAM	20.7
NVNT	Band7	20	21100	50	#0	16QAM	19.63
NVNT	Band7	20	21100	50	#Mid	16QAM	19.62
NVNT	Band7	20	21100	50	#Max	16QAM	19.69
NVNT	Band7	20	21100	100	#0	16QAM	19.68
NVNT	Band7	20	21350	1	#0	QPSK	21.57
NVNT	Band7	20	21350	1	#Mid	QPSK	21.95
NVNT	Band7	20	21350	1	#Max	QPSK	21.34
NVNT	Band7	20	21350	50	#0	QPSK	20.82
NVNT	Band7	20	21350	50	#Mid	QPSK	20.83
NVNT	Band7	20	21350	50	#Max	QPSK	20.55
NVNT	Band7	20	21350	100	#0	QPSK	20.65
NVNT	Band7	20	21350	1	#0	16QAM	20.81
NVNT	Band7	20	21350	1	#Mid	16QAM	21.21
NVNT	Band7	20	21350	1	#Max	16QAM	20.52
NVNT	Band7	20	21350	50	#0	16QAM	19.85
NVNT	Band7	20	21350	50	#Mid	16QAM	19.9
NVNT	Band7	20	21350	50	#Max	16QAM	19.63
NVNT	Band7	20	21350	100	#0	16QAM	19.71



LTE Band 12

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band12	1.4	23017	1	#0	QPSK	23.78
NVNT	Band12	1.4	23017	1	#Mid	QPSK	23.99
NVNT	Band12	1.4	23017	1	#Max	QPSK	23.92
NVNT	Band12	1.4	23017	3	#0	QPSK	23.78
NVNT	Band12	1.4	23017	3	#Mid	QPSK	23.8
NVNT	Band12	1.4	23017	3	#Max	QPSK	23.86
NVNT	Band12	1.4	23017	6	#0	QPSK	22.88
NVNT	Band12	1.4	23017	1	#0	16QAM	22.96
NVNT	Band12	1.4	23017	1	#Mid	16QAM	23.1
NVNT	Band12	1.4	23017	1	#Max	16QAM	23
NVNT	Band12	1.4	23017	3	#0	16QAM	23.07
NVNT	Band12	1.4	23017	3	#Mid	16QAM	23.04
NVNT	Band12	1.4	23017	3	#Max	16QAM	23.04
NVNT	Band12	1.4	23017	6	#0	16QAM	22
NVNT	Band12	1.4	23095	1	#0	QPSK	23.86
NVNT	Band12	1.4	23095	1	#Mid	QPSK	23.99
NVNT	Band12	1.4	23095	1	#Max	QPSK	23.81
NVNT	Band12	1.4	23095	3	#0	QPSK	23.92
NVNT	Band12	1.4	23095	3	#Mid	QPSK	23.94
NVNT	Band12	1.4	23095	3	#Max	QPSK	23.88
NVNT	Band12	1.4	23095	6	#0	QPSK	22.92
NVNT	Band12	1.4	23095	1	#0	16QAM	23.02
NVNT	Band12	1.4	23095	1	#Mid	16QAM	23.09
NVNT	Band12	1.4	23095	1	#Max	16QAM	23.01
NVNT	Band12	1.4	23095	3	#0	16QAM	23.07
NVNT	Band12	1.4	23095	3	#Mid	16QAM	23.15
NVNT	Band12	1.4	23095	3	#Max	16QAM	23.1
NVNT	Band12	1.4	23095	6	#0	16QAM	22.07
NVNT	Band12	1.4	23173	1	#0	QPSK	23.78
NVNT	Band12	1.4	23173	1	#Mid	QPSK	24.04
NVNT	Band12	1.4	23173	1	#Max	QPSK	23.83
NVNT	Band12	1.4	23173	3	#0	QPSK	23.83
NVNT	Band12	1.4	23173	3	#Mid	QPSK	23.87
NVNT	Band12	1.4	23173	3	#Max	QPSK	23.85
NVNT	Band12	1.4	23173	6	#0	QPSK	22.83
NVNT	Band12	1.4	23173	1	#0	16QAM	22.59
NVNT	Band12	1.4	23173	1	#Mid	16QAM	22.78
NVNT	Band12	1.4	23173	1	#Max	16QAM	22.57
NVNT	Band12	1.4	23173	3	#0	16QAM	22.94
NVNT	Band12	1.4	23173	3	#Mid	16QAM	22.97
NVNT	Band12	1.4	23173	3	#Max	16QAM	22.97
NVNT	Band12	1.4	23173	6	#0	16QAM	22.04
NVNT	Band12	3	23025	1	#0	QPSK	23.72
NVNT	Band12	3	23025	1	#Mid	QPSK	24.04
NVNT	Band12	3	23025	1	#Max	QPSK	23.82
NVNT	Band12	3	23025	8	#0	QPSK	22.81
NVNT	Band12	3	23025	8	#Mid	QPSK	22.86



NVNT	Band12	3	23025	8	#Max	QPSK	22.85
NVNT	Band12	3	23025	15	#0	QPSK	22.78
NVNT	Band12	3	23025	1	#0	16QAM	23.15
NVNT	Band12	3	23025	1	#Mid	16QAM	23.49
NVNT	Band12	3	23025	1	#Max	16QAM	23.27
NVNT	Band12	3	23025	8	#0	16QAM	21.78
NVNT	Band12	3	23025	8	#Mid	16QAM	21.8
NVNT	Band12	3	23025	8	#Max	16QAM	21.85
NVNT	Band12	3	23025	15	#0	16QAM	21.81
NVNT	Band12	3	23095	1	#0	QPSK	23.84
NVNT	Band12	3	23095	1	#Mid	QPSK	24.12
NVNT	Band12	3	23095	1	#Max	QPSK	23.78
NVNT	Band12	3	23095	8	#0	QPSK	22.84
NVNT	Band12	3	23095	8	#Mid	QPSK	22.9
NVNT	Band12	3	23095	8	#Max	QPSK	22.87
NVNT	Band12	3	23095	15	#0	QPSK	22.83
NVNT	Band12	3	23095	1	#0	16QAM	23.09
NVNT	Band12	3	23095	1	#Mid	16QAM	23.29
NVNT	Band12	3	23095	1	#Max	16QAM	22.99
NVNT	Band12	3	23095	8	#0	16QAM	21.9
NVNT	Band12	3	23095	8	#Mid	16QAM	21.92
NVNT	Band12	3	23095	8	#Max	16QAM	21.9
NVNT	Band12	3	23095	15	#0	16QAM	21.81
NVNT	Band12	3	23165	1	#0	QPSK	23.83
NVNT	Band12	3	23165	1	#Mid	QPSK	24.23
NVNT	Band12	3	23165	1	#Max	QPSK	23.84
NVNT	Band12	3	23165	8	#0	QPSK	22.8
NVNT	Band12	3	23165	8	#Mid	QPSK	22.83
NVNT	Band12	3	23165	8	#Max	QPSK	22.77
NVNT	Band12	3	23165	15	#0	QPSK	22.76
NVNT	Band12	3	23165	1	#0	16QAM	22.67
NVNT	Band12	3	23165	1	#Mid	16QAM	22.95
NVNT	Band12	3	23165	1	#Max	16QAM	22.6
NVNT	Band12	3	23165	8	#0	16QAM	21.81
NVNT	Band12	3	23165	8	#Mid	16QAM	21.81
NVNT	Band12	3	23165	8	#Max	16QAM	21.77
NVNT	Band12	3	23165	15	#0	16QAM	21.84
NVNT	Band12	5	23035	1	#0	QPSK	23.63
NVNT	Band12	5	23035	1	#Mid	QPSK	24.13
NVNT	Band12	5	23035	1	#Max	QPSK	23.74
NVNT	Band12	5	23035	12	#0	QPSK	22.85
NVNT	Band12	5	23035	12	#Mid	QPSK	22.82
NVNT	Band12	5	23035	12	#Max	QPSK	22.77
NVNT	Band12	5	23035	25	#0	QPSK	22.83
NVNT	Band12	5	23035	1	#0	16QAM	23.22
NVNT	Band12	5	23035	1	#Mid	16QAM	23.64
NVNT	Band12	5	23035	1	#Max	16QAM	23.29
NVNT	Band12	5	23035	12	#0	16QAM	21.82
NVNT	Band12	5	23035	12	#Mid	16QAM	21.89
NVNT	Band12	5	23035	12	#Max	16QAM	21.79



NVNT	Band12	5	23035	25	#0	16QAM	21.8
NVNT	Band12	5	23095	1	#0	QPSK	23.77
NVNT	Band12	5	23095	1	#Mid	QPSK	24.18
NVNT	Band12	5	23095	1	#Max	QPSK	23.77
NVNT	Band12	5	23095	12	#0	QPSK	22.82
NVNT	Band12	5	23095	12	#Mid	QPSK	22.89
NVNT	Band12	5	23095	12	#Max	QPSK	22.9
NVNT	Band12	5	23095	25	#0	QPSK	22.88
NVNT	Band12	5	23095	1	#0	16QAM	23.08
NVNT	Band12	5	23095	1	#Mid	16QAM	23.31
NVNT	Band12	5	23095	1	#Max	16QAM	23.07
NVNT	Band12	5	23095	12	#0	16QAM	21.84
NVNT	Band12	5	23095	12	#Mid	16QAM	21.9
NVNT	Band12	5	23095	12	#Max	16QAM	21.88
NVNT	Band12	5	23095	25	#0	16QAM	21.92
NVNT	Band12	5	23155	1	#0	QPSK	23.66
NVNT	Band12	5	23155	1	#Mid	QPSK	24.02
NVNT	Band12	5	23155	1	#Max	QPSK	23.6
NVNT	Band12	5	23155	12	#0	QPSK	22.79
NVNT	Band12	5	23155	12	#Mid	QPSK	22.79
NVNT	Band12	5	23155	12	#Max	QPSK	22.7
NVNT	Band12	5	23155	25	#0	QPSK	22.77
NVNT	Band12	5	23155	1	#0	16QAM	22.99
NVNT	Band12	5	23155	1	#Mid	16QAM	23.36
NVNT	Band12	5	23155	1	#Max	16QAM	22.92
NVNT	Band12	5	23155	12	#0	16QAM	21.84
NVNT	Band12	5	23155	12	#Mid	16QAM	21.84
NVNT	Band12	5	23155	12	#Max	16QAM	21.75
NVNT	Band12	5	23155	25	#0	16QAM	21.78
NVNT	Band12	10	23060	1	#0	QPSK	23.68
NVNT	Band12	10	23060	1	#Mid	QPSK	23.94
NVNT	Band12	10	23060	1	#Max	QPSK	23.79
NVNT	Band12	10	23060	25	#0	QPSK	23.02
NVNT	Band12	10	23060	25	#Mid	QPSK	22.86
NVNT	Band12	10	23060	25	#Max	QPSK	22.93
NVNT	Band12	10	23060	50	#0	QPSK	22.9
NVNT	Band12	10	23060	1	#0	16QAM	23.17
NVNT	Band12	10	23060	1	#Mid	16QAM	23.39
NVNT	Band12	10	23060	1	#Max	16QAM	23.2
NVNT	Band12	10	23060	25	#0	16QAM	22
NVNT	Band12	10	23060	25	#Mid	16QAM	21.96
NVNT	Band12	10	23060	25	#Max	16QAM	22.03
NVNT	Band12	10	23060	50	#0	16QAM	22.02
NVNT	Band12	10	23095	1	#0	QPSK	23.82
NVNT	Band12	10	23095	1	#Mid	QPSK	23.95
NVNT	Band12	10	23095	1	#Max	QPSK	23.79
NVNT	Band12	10	23095	25	#0	QPSK	22.9
NVNT	Band12	10	23095	25	#Mid	QPSK	22.88
NVNT	Band12	10	23095	25	#Max	QPSK	22.93
NVNT	Band12	10	23095	50	#0	QPSK	22.86



NVNT	Band12	10	23095	1	#0	16QAM	22.98
NVNT	Band12	10	23095	1	#Mid	16QAM	23.11
NVNT	Band12	10	23095	1	#Max	16QAM	22.94
NVNT	Band12	10	23095	25	#0	16QAM	21.92
NVNT	Band12	10	23095	25	#Mid	16QAM	21.9
NVNT	Band12	10	23095	25	#Max	16QAM	21.97
NVNT	Band12	10	23095	50	#0	16QAM	21.95
NVNT	Band12	10	23130	1	#0	QPSK	23.96
NVNT	Band12	10	23130	1	#Mid	QPSK	24.05
NVNT	Band12	10	23130	1	#Max	QPSK	23.83
NVNT	Band12	10	23130	25	#0	QPSK	22.85
NVNT	Band12	10	23130	25	#Mid	QPSK	22.83
NVNT	Band12	10	23130	25	#Max	QPSK	22.72
NVNT	Band12	10	23130	50	#0	QPSK	22.71
NVNT	Band12	10	23130	1	#0	16QAM	22.72
NVNT	Band12	10	23130	1	#Mid	16QAM	22.8
NVNT	Band12	10	23130	1	#Max	16QAM	22.63
NVNT	Band12	10	23130	25	#0	16QAM	21.81
NVNT	Band12	10	23130	25	#Mid	16QAM	21.87
NVNT	Band12	10	23130	25	#Max	16QAM	21.75
NVNT	Band12	10	23130	50	#0	16QAM	21.76



LTE Band 13

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band13	5	23205	1	#0	QPSK	23.97
NVNT	Band13	5	23205	1	#Mid	QPSK	24.42
NVNT	Band13	5	23205	1	#Max	QPSK	23.99
NVNT	Band13	5	23205	12	#0	QPSK	23.1
NVNT	Band13	5	23205	12	#Mid	QPSK	23.14
NVNT	Band13	5	23205	12	#Max	QPSK	23.01
NVNT	Band13	5	23205	25	#0	QPSK	23.08
NVNT	Band13	5	23205	1	#0	16QAM	23.47
NVNT	Band13	5	23205	1	#Mid	16QAM	23.9
NVNT	Band13	5	23205	1	#Max	16QAM	23.56
NVNT	Band13	5	23205	12	#0	16QAM	22
NVNT	Band13	5	23205	12	#Mid	16QAM	22.12
NVNT	Band13	5	23205	12	#Max	16QAM	22.02
NVNT	Band13	5	23205	25	#0	16QAM	22.05
NVNT	Band13	5	23230	1	#0	QPSK	24.01
NVNT	Band13	5	23230	1	#Mid	QPSK	24.37
NVNT	Band13	5	23230	1	#Max	QPSK	23.92
NVNT	Band13	5	23230	12	#0	QPSK	23.08
NVNT	Band13	5	23230	12	#Mid	QPSK	23.1
NVNT	Band13	5	23230	12	#Max	QPSK	23.07
NVNT	Band13	5	23230	25	#0	QPSK	23.14
NVNT	Band13	5	23230	1	#0	16QAM	23.32
NVNT	Band13	5	23230	1	#Mid	16QAM	23.69
NVNT	Band13	5	23230	1	#Max	16QAM	23.28
NVNT	Band13	5	23230	12	#0	16QAM	22.03
NVNT	Band13	5	23230	12	#Mid	16QAM	22.06
NVNT	Band13	5	23230	12	#Max	16QAM	21.98
NVNT	Band13	5	23230	25	#0	16QAM	22.15
NVNT	Band13	5	23255	1	#0	QPSK	23.95
NVNT	Band13	5	23255	1	#Mid	QPSK	24.27
NVNT	Band13	5	23255	1	#Max	QPSK	23.81
NVNT	Band13	5	23255	12	#0	QPSK	22.96
NVNT	Band13	5	23255	12	#Mid	QPSK	23.08
NVNT	Band13	5	23255	12	#Max	QPSK	23.07
NVNT	Band13	5	23255	25	#0	QPSK	23.02
NVNT	Band13	5	23255	1	#0	16QAM	23.3
NVNT	Band13	5	23255	1	#Mid	16QAM	23.77
NVNT	Band13	5	23255	1	#Max	16QAM	23.16
NVNT	Band13	5	23255	12	#0	16QAM	22.03
NVNT	Band13	5	23255	12	#Mid	16QAM	22.11
NVNT	Band13	5	23255	12	#Max	16QAM	22.08
NVNT	Band13	5	23255	25	#0	16QAM	21.99
NVNT	Band13	10	23230	1	#0	QPSK	24.01
NVNT	Band13	10	23230	1	#Mid	QPSK	24.17
NVNT	Band13	10	23230	1	#Max	QPSK	23.93
NVNT	Band13	10	23230	25	#0	QPSK	23.16
NVNT	Band13	10	23230	25	#Mid	QPSK	23.08



NVNT	Band13	10	23230	25	#Max	QPSK	23.17
NVNT	Band13	10	23230	50	#0	QPSK	23.14
NVNT	Band13	10	23230	1	#0	16QAM	23.42
NVNT	Band13	10	23230	1	#Mid	16QAM	23.58
NVNT	Band13	10	23230	1	#Max	16QAM	23.37
NVNT	Band13	10	23230	25	#0	16QAM	22.19
NVNT	Band13	10	23230	25	#Mid	16QAM	22.1
NVNT	Band13	10	23230	25	#Max	16QAM	22.19
NVNT	Band13	10	23230	50	#0	16QAM	22.17



LTE Band 17

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band17	5	23755	1	#0	QPSK	23.81
NVNT	Band17	5	23755	1	#Mid	QPSK	24.24
NVNT	Band17	5	23755	1	#Max	QPSK	23.78
NVNT	Band17	5	23755	12	#0	QPSK	22.87
NVNT	Band17	5	23755	12	#Mid	QPSK	22.9
NVNT	Band17	5	23755	12	#Max	QPSK	22.88
NVNT	Band17	5	23755	25	#0	QPSK	22.89
NVNT	Band17	5	23755	1	#0	16QAM	23.33
NVNT	Band17	5	23755	1	#Mid	16QAM	23.67
NVNT	Band17	5	23755	1	#Max	16QAM	23.3
NVNT	Band17	5	23755	12	#0	16QAM	21.87
NVNT	Band17	5	23755	12	#Mid	16QAM	21.93
NVNT	Band17	5	23755	12	#Max	16QAM	21.92
NVNT	Band17	5	23755	25	#0	16QAM	21.9
NVNT	Band17	5	23790	1	#0	QPSK	23.82
NVNT	Band17	5	23790	1	#Mid	QPSK	24.12
NVNT	Band17	5	23790	1	#Max	QPSK	23.65
NVNT	Band17	5	23790	12	#0	QPSK	22.81
NVNT	Band17	5	23790	12	#Mid	QPSK	22.86
NVNT	Band17	5	23790	12	#Max	QPSK	22.75
NVNT	Band17	5	23790	25	#0	QPSK	22.81
NVNT	Band17	5	23790	1	#0	16QAM	23.07
NVNT	Band17	5	23790	1	#Mid	16QAM	23.43
NVNT	Band17	5	23790	1	#Max	16QAM	22.99
NVNT	Band17	5	23790	12	#0	16QAM	21.78
NVNT	Band17	5	23790	12	#Mid	16QAM	21.83
NVNT	Band17	5	23790	12	#Max	16QAM	21.72
NVNT	Band17	5	23790	25	#0	16QAM	21.82
NVNT	Band17	5	23825	1	#0	QPSK	23.68
NVNT	Band17	5	23825	1	#Mid	QPSK	23.87
NVNT	Band17	5	23825	1	#Max	QPSK	23.57
NVNT	Band17	5	23825	12	#0	QPSK	22.8
NVNT	Band17	5	23825	12	#Mid	QPSK	22.82
NVNT	Band17	5	23825	12	#Max	QPSK	22.7
NVNT	Band17	5	23825	25	#0	QPSK	22.72
NVNT	Band17	5	23825	1	#0	16QAM	22.97
NVNT	Band17	5	23825	1	#Mid	16QAM	23.29
NVNT	Band17	5	23825	1	#Max	16QAM	22.86
NVNT	Band17	5	23825	12	#0	16QAM	21.85
NVNT	Band17	5	23825	12	#Mid	16QAM	21.86
NVNT	Band17	5	23825	12	#Max	16QAM	21.69
NVNT	Band17	5	23825	25	#0	16QAM	21.76
NVNT	Band17	10	23780	1	#0	QPSK	23.86
NVNT	Band17	10	23780	1	#Mid	QPSK	23.98
NVNT	Band17	10	23780	1	#Max	QPSK	23.7
NVNT	Band17	10	23780	25	#0	QPSK	22.84
NVNT	Band17	10	23780	25	#Mid	QPSK	22.86



NVNT	Band17	10	23780	25	#Max	QPSK	22.82
NVNT	Band17	10	23780	50	#0	QPSK	22.79
NVNT	Band17	10	23780	1	#0	16QAM	23.29
NVNT	Band17	10	23780	1	#Mid	16QAM	23.36
NVNT	Band17	10	23780	1	#Max	16QAM	23.12
NVNT	Band17	10	23780	25	#0	16QAM	21.92
NVNT	Band17	10	23780	25	#Mid	16QAM	21.92
NVNT	Band17	10	23780	25	#Max	16QAM	21.87
NVNT	Band17	10	23780	50	#0	16QAM	21.82
NVNT	Band17	10	23790	1	#0	QPSK	23.87
NVNT	Band17	10	23790	1	#Mid	QPSK	23.94
NVNT	Band17	10	23790	1	#Max	QPSK	23.74
NVNT	Band17	10	23790	25	#0	QPSK	22.82
NVNT	Band17	10	23790	25	#Mid	QPSK	22.81
NVNT	Band17	10	23790	25	#Max	QPSK	22.78
NVNT	Band17	10	23790	50	#0	QPSK	22.76
NVNT	Band17	10	23790	1	#0	16QAM	23.04
NVNT	Band17	10	23790	1	#Mid	16QAM	23.11
NVNT	Band17	10	23790	1	#Max	16QAM	22.91
NVNT	Band17	10	23790	25	#0	16QAM	21.82
NVNT	Band17	10	23790	25	#Mid	16QAM	21.89
NVNT	Band17	10	23790	25	#Max	16QAM	21.8
NVNT	Band17	10	23790	50	#0	16QAM	21.82
NVNT	Band17	10	23800	1	#0	QPSK	23.93
NVNT	Band17	10	23800	1	#Mid	QPSK	24.01
NVNT	Band17	10	23800	1	#Max	QPSK	23.81
NVNT	Band17	10	23800	25	#0	QPSK	22.85
NVNT	Band17	10	23800	25	#Mid	QPSK	22.81
NVNT	Band17	10	23800	25	#Max	QPSK	22.74
NVNT	Band17	10	23800	50	#0	QPSK	22.79
NVNT	Band17	10	23800	1	#0	16QAM	22.73
NVNT	Band17	10	23800	1	#Mid	16QAM	22.8
NVNT	Band17	10	23800	1	#Max	16QAM	22.61
NVNT	Band17	10	23800	25	#0	16QAM	21.88
NVNT	Band17	10	23800	25	#Mid	16QAM	21.84
NVNT	Band17	10	23800	25	#Max	16QAM	21.79
NVNT	Band17	10	23800	50	#0	16QAM	21.78



LTE Band 25

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band25	1.4	26047	1	#0	QPSK	23.05
NVNT	Band25	1.4	26047	1	#Mid	QPSK	23.22
NVNT	Band25	1.4	26047	1	#Max	QPSK	23.06
NVNT	Band25	1.4	26047	3	#0	QPSK	23
NVNT	Band25	1.4	26047	3	#Mid	QPSK	23.05
NVNT	Band25	1.4	26047	3	#Max	QPSK	23.03
NVNT	Band25	1.4	26047	6	#0	QPSK	22.04
NVNT	Band25	1.4	26047	1	#0	16QAM	22.18
NVNT	Band25	1.4	26047	1	#Mid	16QAM	22.27
NVNT	Band25	1.4	26047	1	#Max	16QAM	22.22
NVNT	Band25	1.4	26047	3	#0	16QAM	22.21
NVNT	Band25	1.4	26047	3	#Mid	16QAM	22.19
NVNT	Band25	1.4	26047	3	#Max	16QAM	22.21
NVNT	Band25	1.4	26047	6	#0	16QAM	21.25
NVNT	Band25	1.4	26365	1	#0	QPSK	22.73
NVNT	Band25	1.4	26365	1	#Mid	QPSK	22.94
NVNT	Band25	1.4	26365	1	#Max	QPSK	22.74
NVNT	Band25	1.4	26365	3	#0	QPSK	22.85
NVNT	Band25	1.4	26365	3	#Mid	QPSK	22.88
NVNT	Band25	1.4	26365	3	#Max	QPSK	22.85
NVNT	Band25	1.4	26365	6	#0	QPSK	21.76
NVNT	Band25	1.4	26365	1	#0	16QAM	22.01
NVNT	Band25	1.4	26365	1	#Mid	16QAM	22.09
NVNT	Band25	1.4	26365	1	#Max	16QAM	21.98
NVNT	Band25	1.4	26365	3	#0	16QAM	22.03
NVNT	Band25	1.4	26365	3	#Mid	16QAM	22.1
NVNT	Band25	1.4	26365	3	#Max	16QAM	22.08
NVNT	Band25	1.4	26365	6	#0	16QAM	21



NVNT	Band25	1.4	26683	1	#0	QPSK	22.81
NVNT	Band25	1.4	26683	1	#Mid	QPSK	23
NVNT	Band25	1.4	26683	1	#Max	QPSK	22.83
NVNT	Band25	1.4	26683	3	#0	QPSK	22.88
NVNT	Band25	1.4	26683	3	#Mid	QPSK	22.82
NVNT	Band25	1.4	26683	3	#Max	QPSK	22.87
NVNT	Band25	1.4	26683	6	#0	QPSK	21.79
NVNT	Band25	1.4	26683	1	#0	16QAM	21.69
NVNT	Band25	1.4	26683	1	#Mid	16QAM	21.87
NVNT	Band25	1.4	26683	1	#Max	16QAM	21.69
NVNT	Band25	1.4	26683	3	#0	16QAM	22.01
NVNT	Band25	1.4	26683	3	#Mid	16QAM	22
NVNT	Band25	1.4	26683	3	#Max	16QAM	22.05
NVNT	Band25	1.4	26683	6	#0	16QAM	21.1
NVNT	Band25	3	26055	1	#0	QPSK	22.97
NVNT	Band25	3	26055	1	#Mid	QPSK	23.28
NVNT	Band25	3	26055	1	#Max	QPSK	22.95
NVNT	Band25	3	26055	8	#0	QPSK	21.94
NVNT	Band25	3	26055	8	#Mid	QPSK	21.99
NVNT	Band25	3	26055	8	#Max	QPSK	22
NVNT	Band25	3	26055	15	#0	QPSK	21.93
NVNT	Band25	3	26055	1	#0	16QAM	22.44
NVNT	Band25	3	26055	1	#Mid	16QAM	22.82
NVNT	Band25	3	26055	1	#Max	16QAM	22.37
NVNT	Band25	3	26055	8	#0	16QAM	21.06
NVNT	Band25	3	26055	8	#Mid	16QAM	21.09
NVNT	Band25	3	26055	8	#Max	16QAM	21.06
NVNT	Band25	3	26055	15	#0	16QAM	21.07
NVNT	Band25	3	26365	1	#0	QPSK	22.85
NVNT	Band25	3	26365	1	#Mid	QPSK	22.98



NVNT	Band25	3	26365	1	#Max	QPSK	22.85
NVNT	Band25	3	26365	8	#0	QPSK	21.79
NVNT	Band25	3	26365	8	#Mid	QPSK	21.81
NVNT	Band25	3	26365	8	#Max	QPSK	21.81
NVNT	Band25	3	26365	15	#0	QPSK	21.78
NVNT	Band25	3	26365	1	#0	16QAM	22.01
NVNT	Band25	3	26365	1	#Mid	16QAM	22.3
NVNT	Band25	3	26365	1	#Max	16QAM	22.05
NVNT	Band25	3	26365	8	#0	16QAM	20.86
NVNT	Band25	3	26365	8	#Mid	16QAM	20.88
NVNT	Band25	3	26365	8	#Max	16QAM	20.85
NVNT	Band25	3	26365	15	#0	16QAM	20.82
NVNT	Band25	3	26675	1	#0	QPSK	22.83
NVNT	Band25	3	26675	1	#Mid	QPSK	23.14
NVNT	Band25	3	26675	1	#Max	QPSK	22.89
NVNT	Band25	3	26675	8	#0	QPSK	21.82
NVNT	Band25	3	26675	8	#Mid	QPSK	21.81
NVNT	Band25	3	26675	8	#Max	QPSK	21.78
NVNT	Band25	3	26675	15	#0	QPSK	21.8
NVNT	Band25	3	26675	1	#0	16QAM	21.75
NVNT	Band25	3	26675	1	#Mid	16QAM	22.05
NVNT	Band25	3	26675	1	#Max	16QAM	21.77
NVNT	Band25	3	26675	8	#0	16QAM	20.88
NVNT	Band25	3	26675	8	#Mid	16QAM	20.9
NVNT	Band25	3	26675	8	#Max	16QAM	20.87
NVNT	Band25	3	26675	15	#0	16QAM	20.98
NVNT	Band25	5	26065	1	#0	QPSK	22.94
NVNT	Band25	5	26065	1	#Mid	QPSK	23.4
NVNT	Band25	5	26065	1	#Max	QPSK	22.82
NVNT	Band25	5	26065	12	#0	QPSK	21.99



NVNT	Band25	5	26065	12	#Mid	QPSK	22.07
NVNT	Band25	5	26065	12	#Max	QPSK	21.97
NVNT	Band25	5	26065	25	#0	QPSK	22.02
NVNT	Band25	5	26065	1	#0	16QAM	22.48
NVNT	Band25	5	26065	1	#Mid	16QAM	22.8
NVNT	Band25	5	26065	1	#Max	16QAM	22.43
NVNT	Band25	5	26065	12	#0	16QAM	21
NVNT	Band25	5	26065	12	#Mid	16QAM	21.1
NVNT	Band25	5	26065	12	#Max	16QAM	21.06
NVNT	Band25	5	26065	25	#0	16QAM	21.08
NVNT	Band25	5	26365	1	#0	QPSK	22.69
NVNT	Band25	5	26365	1	#Mid	QPSK	23.07
NVNT	Band25	5	26365	1	#Max	QPSK	22.77
NVNT	Band25	5	26365	12	#0	QPSK	21.75
NVNT	Band25	5	26365	12	#Mid	QPSK	21.84
NVNT	Band25	5	26365	12	#Max	QPSK	21.8
NVNT	Band25	5	26365	25	#0	QPSK	21.77
NVNT	Band25	5	26365	1	#0	16QAM	22.06
NVNT	Band25	5	26365	1	#Mid	16QAM	22.45
NVNT	Band25	5	26365	1	#Max	16QAM	22.07
NVNT	Band25	5	26365	12	#0	16QAM	20.76
NVNT	Band25	5	26365	12	#Mid	16QAM	20.86
NVNT	Band25	5	26365	12	#Max	16QAM	20.78
NVNT	Band25	5	26365	25	#0	16QAM	20.85
NVNT	Band25	5	26665	1	#0	QPSK	22.7
NVNT	Band25	5	26665	1	#Mid	QPSK	23.06
NVNT	Band25	5	26665	1	#Max	QPSK	22.75
NVNT	Band25	5	26665	12	#0	QPSK	21.87
NVNT	Band25	5	26665	12	#Mid	QPSK	21.86
NVNT	Band25	5	26665	12	#Max	QPSK	21.74



NVNT	Band25	5	26665	25	#0	QPSK	21.84
NVNT	Band25	5	26665	1	#0	16QAM	22.09
NVNT	Band25	5	26665	1	#Mid	16QAM	22.45
NVNT	Band25	5	26665	1	#Max	16QAM	22.13
NVNT	Band25	5	26665	12	#0	16QAM	20.95
NVNT	Band25	5	26665	12	#Mid	16QAM	20.97
NVNT	Band25	5	26665	12	#Max	16QAM	20.75
NVNT	Band25	5	26665	25	#0	16QAM	20.89
NVNT	Band25	10	26090	1	#0	QPSK	22.98
NVNT	Band25	10	26090	1	#Mid	QPSK	22.98
NVNT	Band25	10	26090	1	#Max	QPSK	22.8
NVNT	Band25	10	26090	25	#0	QPSK	21.97
NVNT	Band25	10	26090	25	#Mid	QPSK	21.96
NVNT	Band25	10	26090	25	#Max	QPSK	21.97
NVNT	Band25	10	26090	50	#0	QPSK	21.96
NVNT	Band25	10	26090	1	#0	16QAM	22.43
NVNT	Band25	10	26090	1	#Mid	16QAM	22.45
NVNT	Band25	10	26090	1	#Max	16QAM	22.3
NVNT	Band25	10	26090	25	#0	16QAM	21.06
NVNT	Band25	10	26090	25	#Mid	16QAM	21.06
NVNT	Band25	10	26090	25	#Max	16QAM	21.02
NVNT	Band25	10	26090	50	#0	16QAM	21.03
NVNT	Band25	10	26365	1	#0	QPSK	22.76
NVNT	Band25	10	26365	1	#Mid	QPSK	22.93
NVNT	Band25	10	26365	1	#Max	QPSK	22.83
NVNT	Band25	10	26365	25	#0	QPSK	21.81
NVNT	Band25	10	26365	25	#Mid	QPSK	21.87
NVNT	Band25	10	26365	25	#Max	QPSK	21.85
NVNT	Band25	10	26365	50	#0	QPSK	21.81
NVNT	Band25	10	26365	1	#0	16QAM	21.94



NVNT	Band25	10	26365	1	#Mid	16QAM	22.15
NVNT	Band25	10	26365	1	#Max	16QAM	22.04
NVNT	Band25	10	26365	25	#0	16QAM	20.9
NVNT	Band25	10	26365	25	#Mid	16QAM	20.93
NVNT	Band25	10	26365	25	#Max	16QAM	20.94
NVNT	Band25	10	26365	50	#0	16QAM	20.94
NVNT	Band25	10	26640	1	#0	QPSK	22.82
NVNT	Band25	10	26640	1	#Mid	QPSK	22.94
NVNT	Band25	10	26640	1	#Max	QPSK	22.9
NVNT	Band25	10	26640	25	#0	QPSK	21.84
NVNT	Band25	10	26640	25	#Mid	QPSK	21.78
NVNT	Band25	10	26640	25	#Max	QPSK	21.67
NVNT	Band25	10	26640	50	#0	QPSK	21.76
NVNT	Band25	10	26640	1	#0	16QAM	21.69
NVNT	Band25	10	26640	1	#Mid	16QAM	21.82
NVNT	Band25	10	26640	1	#Max	16QAM	21.76
NVNT	Band25	10	26640	25	#0	16QAM	20.88
NVNT	Band25	10	26640	25	#Mid	16QAM	20.9
NVNT	Band25	10	26640	25	#Max	16QAM	20.73
NVNT	Band25	10	26640	50	#0	16QAM	20.88
NVNT	Band25	15	26115	1	#0	QPSK	22.95
NVNT	Band25	15	26115	1	#Mid	QPSK	23.07
NVNT	Band25	15	26115	1	#Max	QPSK	22.68
NVNT	Band25	15	26115	36	#0	QPSK	21.99
NVNT	Band25	15	26115	36	#Mid	QPSK	21.98
NVNT	Band25	15	26115	36	#Max	QPSK	21.85
NVNT	Band25	15	26115	75	#0	QPSK	21.89
NVNT	Band25	15	26115	1	#0	16QAM	22.38
NVNT	Band25	15	26115	1	#Mid	16QAM	22.59
NVNT	Band25	15	26115	1	#Max	16QAM	22.15
NVNT	Band25	15	26115	36	#0	16QAM	21.07
NVNT	Band25	15	26115	36	#Mid	16QAM	21.05
NVNT	Band25	15	26115	36	#Max	16QAM	20.91
NVNT	Band25	15	26115	75	#0	16QAM	20.99
NVNT	Band25	15	26365	1	#0	QPSK	22.7
NVNT	Band25	15	26365	1	#Mid	QPSK	23.16
NVNT	Band25	15	26365	1	#Max	QPSK	22.85
NVNT	Band25	15	26365	36	#0	QPSK	21.82
NVNT	Band25	15	26365	36	#Mid	QPSK	21.82
NVNT	Band25	15	26365	36	#Max	QPSK	21.85
NVNT	Band25	15	26365	75	#0	QPSK	21.8
NVNT	Band25	15	26365	1	#0	16QAM	21.87
NVNT	Band25	15	26365	1	#Mid	16QAM	22.3
NVNT	Band25	15	26365	1	#Max	16QAM	22.04
NVNT	Band25	15	26365	36	#0	16QAM	20.86
NVNT	Band25	15	26365	36	#Mid	16QAM	20.93



NVNT	Band25	15	26365	36	#Max	16QAM	20.95
NVNT	Band25	15	26365	75	#0	16QAM	20.85
NVNT	Band25	15	26615	1	#0	QPSK	22.75
NVNT	Band25	15	26615	1	#Mid	QPSK	23.14
NVNT	Band25	15	26615	1	#Max	QPSK	22.86
NVNT	Band25	15	26615	36	#0	QPSK	21.77
NVNT	Band25	15	26615	36	#Mid	QPSK	21.84
NVNT	Band25	15	26615	36	#Max	QPSK	21.75
NVNT	Band25	15	26615	75	#0	QPSK	21.75
NVNT	Band25	15	26615	1	#0	16QAM	21.87
NVNT	Band25	15	26615	1	#Mid	16QAM	22.13
NVNT	Band25	15	26615	1	#Max	16QAM	21.92
NVNT	Band25	15	26615	36	#0	16QAM	20.77
NVNT	Band25	15	26615	36	#Mid	16QAM	20.84
NVNT	Band25	15	26615	36	#Max	16QAM	20.72
NVNT	Band25	15	26615	75	#0	16QAM	20.85
NVNT	Band25	20	26140	1	#0	QPSK	22.77
NVNT	Band25	20	26140	1	#Mid	QPSK	22.82
NVNT	Band25	20	26140	1	#Max	QPSK	22.47
NVNT	Band25	20	26140	50	#0	QPSK	21.91
NVNT	Band25	20	26140	50	#Mid	QPSK	21.85
NVNT	Band25	20	26140	50	#Max	QPSK	21.71
NVNT	Band25	20	26140	100	#0	QPSK	21.83
NVNT	Band25	20	26140	1	#0	16QAM	22.14
NVNT	Band25	20	26140	1	#Mid	16QAM	22.28
NVNT	Band25	20	26140	1	#Max	16QAM	21.84
NVNT	Band25	20	26140	50	#0	16QAM	21.02
NVNT	Band25	20	26140	50	#Mid	16QAM	20.96
NVNT	Band25	20	26140	50	#Max	16QAM	20.84
NVNT	Band25	20	26140	100	#0	16QAM	20.9
NVNT	Band25	20	26365	1	#0	QPSK	22.56
NVNT	Band25	20	26365	1	#Mid	QPSK	23
NVNT	Band25	20	26365	1	#Max	QPSK	22.65
NVNT	Band25	20	26365	50	#0	QPSK	21.66
NVNT	Band25	20	26365	50	#Mid	QPSK	21.81
NVNT	Band25	20	26365	50	#Max	QPSK	21.81
NVNT	Band25	20	26365	100	#0	QPSK	21.78
NVNT	Band25	20	26365	1	#0	16QAM	21.84
NVNT	Band25	20	26365	1	#Mid	16QAM	22.24
NVNT	Band25	20	26365	1	#Max	16QAM	21.97
NVNT	Band25	20	26365	50	#0	16QAM	20.72
NVNT	Band25	20	26365	50	#Mid	16QAM	20.86
NVNT	Band25	20	26365	50	#Max	16QAM	20.82
NVNT	Band25	20	26365	100	#0	16QAM	20.86
NVNT	Band25	20	26590	1	#0	QPSK	22.64
NVNT	Band25	20	26590	1	#Mid	QPSK	22.87
NVNT	Band25	20	26590	1	#Max	QPSK	22.61
NVNT	Band25	20	26590	50	#0	QPSK	21.73
NVNT	Band25	20	26590	50	#Mid	QPSK	21.76
NVNT	Band25	20	26590	50	#Max	QPSK	21.59



NVNT	Band25	20	26590	100	#0	QPSK	21.66
NVNT	Band25	20	26590	1	#0	16QAM	21.94
NVNT	Band25	20	26590	1	#Mid	16QAM	22.17
NVNT	Band25	20	26590	1	#Max	16QAM	21.86
NVNT	Band25	20	26590	50	#0	16QAM	20.88
NVNT	Band25	20	26590	50	#Mid	16QAM	20.88
NVNT	Band25	20	26590	50	#Max	16QAM	20.72
NVNT	Band25	20	26590	100	#0	16QAM	20.81



LTE Band 26

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band26(814-824)	1.4	26697	1	#0	QPSK	24.23
NVNT	Band26(814-824)	1.4	26697	1	#Mid	QPSK	24.39
NVNT	Band26(814-824)	1.4	26697	1	#Max	QPSK	24.23
NVNT	Band26(814-824)	1.4	26697	3	#0	QPSK	24.17
NVNT	Band26(814-824)	1.4	26697	3	#Mid	QPSK	24.19
NVNT	Band26(814-824)	1.4	26697	3	#Max	QPSK	24.21
NVNT	Band26(814-824)	1.4	26697	6	#0	QPSK	23.21
NVNT	Band26(814-824)	1.4	26697	1	#0	16QAM	23.21
NVNT	Band26(814-824)	1.4	26697	1	#Mid	16QAM	23.35
NVNT	Band26(814-824)	1.4	26697	1	#Max	16QAM	23.27
NVNT	Band26(814-824)	1.4	26697	3	#0	16QAM	23.34
NVNT	Band26(814-824)	1.4	26697	3	#Mid	16QAM	23.35
NVNT	Band26(814-824)	1.4	26697	3	#Max	16QAM	23.37
NVNT	Band26(814-824)	1.4	26697	6	#0	16QAM	22.35
NVNT	Band26(814-824)	1.4	26740	1	#0	QPSK	24.19
NVNT	Band26(814-824)	1.4	26740	1	#Mid	QPSK	24.38
NVNT	Band26(814-824)	1.4	26740	1	#Max	QPSK	24.21
NVNT	Band26(814-824)	1.4	26740	3	#0	QPSK	24.36
NVNT	Band26(814-824)	1.4	26740	3	#Mid	QPSK	24.32
NVNT	Band26(814-824)	1.4	26740	3	#Max	QPSK	24.36
NVNT	Band26(814-824)	1.4	26740	6	#0	QPSK	23.22
NVNT	Band26(814-824)	1.4	26740	1	#0	16QAM	23.45
NVNT	Band26(814-824)	1.4	26740	1	#Mid	16QAM	23.57
NVNT	Band26(814-824)	1.4	26740	1	#Max	16QAM	23.45
NVNT	Band26(814-824)	1.4	26740	3	#0	16QAM	23.56
NVNT	Band26(814-824)	1.4	26740	3	#Mid	16QAM	23.59
NVNT	Band26(814-824)	1.4	26740	3	#Max	16QAM	23.57
NVNT	Band26(814-824)	1.4	26740	6	#0	16QAM	22.46



NVNT	Band26(814-824)	1.4	26783	1	#0	QPSK	24.32
NVNT	Band26(814-824)	1.4	26783	1	#Mid	QPSK	24.45
NVNT	Band26(814-824)	1.4	26783	1	#Max	QPSK	24.33
NVNT	Band26(814-824)	1.4	26783	3	#0	QPSK	24.36
NVNT	Band26(814-824)	1.4	26783	3	#Mid	QPSK	24.35
NVNT	Band26(814-824)	1.4	26783	3	#Max	QPSK	24.33
NVNT	Band26(814-824)	1.4	26783	6	#0	QPSK	23.29
NVNT	Band26(814-824)	1.4	26783	1	#0	16QAM	23.15
NVNT	Band26(814-824)	1.4	26783	1	#Mid	16QAM	23.31
NVNT	Band26(814-824)	1.4	26783	1	#Max	16QAM	23.13
NVNT	Band26(814-824)	1.4	26783	3	#0	16QAM	23.48
NVNT	Band26(814-824)	1.4	26783	3	#Mid	16QAM	23.49
NVNT	Band26(814-824)	1.4	26783	3	#Max	16QAM	23.5
NVNT	Band26(814-824)	1.4	26783	6	#0	16QAM	22.45
NVNT	Band26(814-824)	3	26705	1	#0	QPSK	24.19
NVNT	Band26(814-824)	3	26705	1	#Mid	QPSK	24.47
NVNT	Band26(814-824)	3	26705	1	#Max	QPSK	24.2
NVNT	Band26(814-824)	3	26705	8	#0	QPSK	23.22
NVNT	Band26(814-824)	3	26705	8	#Mid	QPSK	23.24
NVNT	Band26(814-824)	3	26705	8	#Max	QPSK	23.28
NVNT	Band26(814-824)	3	26705	15	#0	QPSK	23.2
NVNT	Band26(814-824)	3	26705	1	#0	16QAM	23.54
NVNT	Band26(814-824)	3	26705	1	#Mid	16QAM	23.98
NVNT	Band26(814-824)	3	26705	1	#Max	16QAM	23.66
NVNT	Band26(814-824)	3	26705	8	#0	16QAM	22.24
NVNT	Band26(814-824)	3	26705	8	#Mid	16QAM	22.29
NVNT	Band26(814-824)	3	26705	8	#Max	16QAM	22.29
NVNT	Band26(814-824)	3	26705	15	#0	16QAM	22.26
NVNT	Band26(814-824)	3	26740	1	#0	QPSK	24.28
NVNT	Band26(814-824)	3	26740	1	#Mid	QPSK	24.58



NVNT	Band26(814-824)	3	26740	1	#Max	QPSK	24.27
NVNT	Band26(814-824)	3	26740	8	#0	QPSK	23.28
NVNT	Band26(814-824)	3	26740	8	#Mid	QPSK	23.34
NVNT	Band26(814-824)	3	26740	8	#Max	QPSK	23.29
NVNT	Band26(814-824)	3	26740	15	#0	QPSK	23.27
NVNT	Band26(814-824)	3	26740	1	#0	16QAM	23.49
NVNT	Band26(814-824)	3	26740	1	#Mid	16QAM	23.82
NVNT	Band26(814-824)	3	26740	1	#Max	16QAM	23.52
NVNT	Band26(814-824)	3	26740	8	#0	16QAM	22.29
NVNT	Band26(814-824)	3	26740	8	#Mid	16QAM	22.33
NVNT	Band26(814-824)	3	26740	8	#Max	16QAM	22.33
NVNT	Band26(814-824)	3	26740	15	#0	16QAM	22.26
NVNT	Band26(814-824)	3	26775	1	#0	QPSK	24.31
NVNT	Band26(814-824)	3	26775	1	#Mid	QPSK	24.62
NVNT	Band26(814-824)	3	26775	1	#Max	QPSK	24.4
NVNT	Band26(814-824)	3	26775	8	#0	QPSK	23.28
NVNT	Band26(814-824)	3	26775	8	#Mid	QPSK	23.32
NVNT	Band26(814-824)	3	26775	8	#Max	QPSK	23.28
NVNT	Band26(814-824)	3	26775	15	#0	QPSK	23.31
NVNT	Band26(814-824)	3	26775	1	#0	16QAM	23.2
NVNT	Band26(814-824)	3	26775	1	#Mid	16QAM	23.55
NVNT	Band26(814-824)	3	26775	1	#Max	16QAM	23.19
NVNT	Band26(814-824)	3	26775	8	#0	16QAM	22.27
NVNT	Band26(814-824)	3	26775	8	#Mid	16QAM	22.28
NVNT	Band26(814-824)	3	26775	8	#Max	16QAM	22.3
NVNT	Band26(814-824)	3	26775	15	#0	16QAM	22.39
NVNT	Band26(814-824)	5	26715	1	#0	QPSK	24.11
NVNT	Band26(814-824)	5	26715	1	#Mid	QPSK	24.65
NVNT	Band26(814-824)	5	26715	1	#Max	QPSK	24.24
NVNT	Band26(814-824)	5	26715	12	#0	QPSK	23.21



NVNT	Band26(814-824)	5	26715	12	#Mid	QPSK	23.28
NVNT	Band26(814-824)	5	26715	12	#Max	QPSK	23.3
NVNT	Band26(814-824)	5	26715	25	#0	QPSK	23.27
NVNT	Band26(814-824)	5	26715	1	#0	16QAM	23.58
NVNT	Band26(814-824)	5	26715	1	#Mid	16QAM	24
NVNT	Band26(814-824)	5	26715	1	#Max	16QAM	23.72
NVNT	Band26(814-824)	5	26715	12	#0	16QAM	22.17
NVNT	Band26(814-824)	5	26715	12	#Mid	16QAM	22.32
NVNT	Band26(814-824)	5	26715	12	#Max	16QAM	22.31
NVNT	Band26(814-824)	5	26715	25	#0	16QAM	22.27
NVNT	Band26(814-824)	5	26740	1	#0	QPSK	24.17
NVNT	Band26(814-824)	5	26740	1	#Mid	QPSK	24.58
NVNT	Band26(814-824)	5	26740	1	#Max	QPSK	24.16
NVNT	Band26(814-824)	5	26740	12	#0	QPSK	23.27
NVNT	Band26(814-824)	5	26740	12	#Mid	QPSK	23.37
NVNT	Band26(814-824)	5	26740	12	#Max	QPSK	23.32
NVNT	Band26(814-824)	5	26740	25	#0	QPSK	23.35
NVNT	Band26(814-824)	5	26740	1	#0	16QAM	23.48
NVNT	Band26(814-824)	5	26740	1	#Mid	16QAM	23.97
NVNT	Band26(814-824)	5	26740	1	#Max	16QAM	23.53
NVNT	Band26(814-824)	5	26740	12	#0	16QAM	22.19
NVNT	Band26(814-824)	5	26740	12	#Mid	16QAM	22.3
NVNT	Band26(814-824)	5	26740	12	#Max	16QAM	22.26
NVNT	Band26(814-824)	5	26740	25	#0	16QAM	22.35
NVNT	Band26(814-824)	5	26765	1	#0	QPSK	24.12
NVNT	Band26(814-824)	5	26765	1	#Mid	QPSK	24.6
NVNT	Band26(814-824)	5	26765	1	#Max	QPSK	24.14
NVNT	Band26(814-824)	5	26765	12	#0	QPSK	23.3
NVNT	Band26(814-824)	5	26765	12	#Mid	QPSK	23.34
NVNT	Band26(814-824)	5	26765	12	#Max	QPSK	23.33



NVNT	Band26(814-824)	5	26765	25	#0	QPSK	23.34
NVNT	Band26(814-824)	5	26765	1	#0	16QAM	23.5
NVNT	Band26(814-824)	5	26765	1	#Mid	16QAM	24.14
NVNT	Band26(814-824)	5	26765	1	#Max	16QAM	23.55
NVNT	Band26(814-824)	5	26765	12	#0	16QAM	22.32
NVNT	Band26(814-824)	5	26765	12	#Mid	16QAM	22.4
NVNT	Band26(814-824)	5	26765	12	#Max	16QAM	22.34
NVNT	Band26(814-824)	5	26765	25	#0	16QAM	22.32
NVNT	Band26(814-824)	10	26740	1	#0	QPSK	24.17
NVNT	Band26(814-824)	10	26740	1	#Mid	QPSK	24.3
NVNT	Band26(814-824)	10	26740	1	#Max	QPSK	24.29
NVNT	Band26(814-824)	10	26740	25	#0	QPSK	23.29
NVNT	Band26(814-824)	10	26740	25	#Mid	QPSK	23.29
NVNT	Band26(814-824)	10	26740	25	#Max	QPSK	23.35
NVNT	Band26(814-824)	10	26740	50	#0	QPSK	23.3
NVNT	Band26(814-824)	10	26740	1	#0	16QAM	23.57
NVNT	Band26(814-824)	10	26740	1	#Mid	16QAM	23.82
NVNT	Band26(814-824)	10	26740	1	#Max	16QAM	23.69
NVNT	Band26(814-824)	10	26740	25	#0	16QAM	22.31
NVNT	Band26(814-824)	10	26740	25	#Mid	16QAM	22.34
NVNT	Band26(814-824)	10	26740	25	#Max	16QAM	22.39
NVNT	Band26(814-824)	10	26740	50	#0	16QAM	22.32
NVNT	Band26(824-849)	1.4	26797	1	#0	QPSK	24.31
NVNT	Band26(824-849)	1.4	26797	1	#Mid	QPSK	24.48
NVNT	Band26(824-849)	1.4	26797	1	#Max	QPSK	24.29
NVNT	Band26(824-849)	1.4	26797	3	#0	QPSK	24.32
NVNT	Band26(824-849)	1.4	26797	3	#Mid	QPSK	24.34
NVNT	Band26(824-849)	1.4	26797	3	#Max	QPSK	24.41
NVNT	Band26(824-849)	1.4	26797	6	#0	QPSK	23.29
NVNT	Band26(824-849)	1.4	26797	1	#0	16QAM	23.41



NVNT	Band26(824-849)	1.4	26797	1	#Mid	16QAM	23.55
NVNT	Band26(824-849)	1.4	26797	1	#Max	16QAM	23.41
NVNT	Band26(824-849)	1.4	26797	3	#0	16QAM	23.54
NVNT	Band26(824-849)	1.4	26797	3	#Mid	16QAM	23.52
NVNT	Band26(824-849)	1.4	26797	3	#Max	16QAM	23.51
NVNT	Band26(824-849)	1.4	26797	6	#0	16QAM	22.47
NVNT	Band26(824-849)	1.4	26915	1	#0	QPSK	24.07
NVNT	Band26(824-849)	1.4	26915	1	#Mid	QPSK	24.22
NVNT	Band26(824-849)	1.4	26915	1	#Max	QPSK	24.02
NVNT	Band26(824-849)	1.4	26915	3	#0	QPSK	24.2
NVNT	Band26(824-849)	1.4	26915	3	#Mid	QPSK	24.16
NVNT	Band26(824-849)	1.4	26915	3	#Max	QPSK	24.17
NVNT	Band26(824-849)	1.4	26915	6	#0	QPSK	23.07
NVNT	Band26(824-849)	1.4	26915	1	#0	16QAM	23.3
NVNT	Band26(824-849)	1.4	26915	1	#Mid	16QAM	23.42
NVNT	Band26(824-849)	1.4	26915	1	#Max	16QAM	23.28
NVNT	Band26(824-849)	1.4	26915	3	#0	16QAM	23.41
NVNT	Band26(824-849)	1.4	26915	3	#Mid	16QAM	23.5
NVNT	Band26(824-849)	1.4	26915	3	#Max	16QAM	23.43
NVNT	Band26(824-849)	1.4	26915	6	#0	16QAM	22.28
NVNT	Band26(824-849)	1.4	27033	1	#0	QPSK	24.21
NVNT	Band26(824-849)	1.4	27033	1	#Mid	QPSK	24.34
NVNT	Band26(824-849)	1.4	27033	1	#Max	QPSK	24.21
NVNT	Band26(824-849)	1.4	27033	3	#0	QPSK	24.24
NVNT	Band26(824-849)	1.4	27033	3	#Mid	QPSK	24.23
NVNT	Band26(824-849)	1.4	27033	3	#Max	QPSK	24.22
NVNT	Band26(824-849)	1.4	27033	6	#0	QPSK	23.16
NVNT	Band26(824-849)	1.4	27033	1	#0	16QAM	23.04
NVNT	Band26(824-849)	1.4	27033	1	#Mid	16QAM	23.18
NVNT	Band26(824-849)	1.4	27033	1	#Max	16QAM	23.02



NVNT	Band26(824-849)	1.4	27033	3	#0	16QAM	23.4
NVNT	Band26(824-849)	1.4	27033	3	#Mid	16QAM	23.4
NVNT	Band26(824-849)	1.4	27033	3	#Max	16QAM	23.4
NVNT	Band26(824-849)	1.4	27033	6	#0	16QAM	22.39
NVNT	Band26(824-849)	3	26805	1	#0	QPSK	24.25
NVNT	Band26(824-849)	3	26805	1	#Mid	QPSK	24.57
NVNT	Band26(824-849)	3	26805	1	#Max	QPSK	24.16
NVNT	Band26(824-849)	3	26805	8	#0	QPSK	23.26
NVNT	Band26(824-849)	3	26805	8	#Mid	QPSK	23.29
NVNT	Band26(824-849)	3	26805	8	#Max	QPSK	23.23
NVNT	Band26(824-849)	3	26805	15	#0	QPSK	23.25
NVNT	Band26(824-849)	3	26805	1	#0	16QAM	23.76
NVNT	Band26(824-849)	3	26805	1	#Mid	16QAM	23.98
NVNT	Band26(824-849)	3	26805	1	#Max	16QAM	23.64
NVNT	Band26(824-849)	3	26805	8	#0	16QAM	22.32
NVNT	Band26(824-849)	3	26805	8	#Mid	16QAM	22.32
NVNT	Band26(824-849)	3	26805	8	#Max	16QAM	22.26
NVNT	Band26(824-849)	3	26805	15	#0	16QAM	22.29
NVNT	Band26(824-849)	3	26915	1	#0	QPSK	24.09
NVNT	Band26(824-849)	3	26915	1	#Mid	QPSK	24.41
NVNT	Band26(824-849)	3	26915	1	#Max	QPSK	24.14
NVNT	Band26(824-849)	3	26915	8	#0	QPSK	23.12
NVNT	Band26(824-849)	3	26915	8	#Mid	QPSK	23.12
NVNT	Band26(824-849)	3	26915	8	#Max	QPSK	23.15
NVNT	Band26(824-849)	3	26915	15	#0	QPSK	23.14
NVNT	Band26(824-849)	3	26915	1	#0	16QAM	23.39
NVNT	Band26(824-849)	3	26915	1	#Mid	16QAM	23.65
NVNT	Band26(824-849)	3	26915	1	#Max	16QAM	23.4
NVNT	Band26(824-849)	3	26915	8	#0	16QAM	22.17
NVNT	Band26(824-849)	3	26915	8	#Mid	16QAM	22.18



NVNT	Band26(824-849)	3	26915	8	#Max	16QAM	22.15
NVNT	Band26(824-849)	3	26915	15	#0	16QAM	22.12
NVNT	Band26(824-849)	3	27025	1	#0	QPSK	24.23
NVNT	Band26(824-849)	3	27025	1	#Mid	QPSK	24.61
NVNT	Band26(824-849)	3	27025	1	#Max	QPSK	24.3
NVNT	Band26(824-849)	3	27025	8	#0	QPSK	23.26
NVNT	Band26(824-849)	3	27025	8	#Mid	QPSK	23.26
NVNT	Band26(824-849)	3	27025	8	#Max	QPSK	23.19
NVNT	Band26(824-849)	3	27025	15	#0	QPSK	23.21
NVNT	Band26(824-849)	3	27025	1	#0	16QAM	23.06
NVNT	Band26(824-849)	3	27025	1	#Mid	16QAM	23.35
NVNT	Band26(824-849)	3	27025	1	#Max	16QAM	23.11
NVNT	Band26(824-849)	3	27025	8	#0	16QAM	22.25
NVNT	Band26(824-849)	3	27025	8	#Mid	16QAM	22.26
NVNT	Band26(824-849)	3	27025	8	#Max	16QAM	22.23
NVNT	Band26(824-849)	3	27025	15	#0	16QAM	22.33
NVNT	Band26(824-849)	5	26815	1	#0	QPSK	24.19
NVNT	Band26(824-849)	5	26815	1	#Mid	QPSK	24.58
NVNT	Band26(824-849)	5	26815	1	#Max	QPSK	24.1
NVNT	Band26(824-849)	5	26815	12	#0	QPSK	23.24
NVNT	Band26(824-849)	5	26815	12	#Mid	QPSK	23.3
NVNT	Band26(824-849)	5	26815	12	#Max	QPSK	23.2
NVNT	Band26(824-849)	5	26815	25	#0	QPSK	23.24
NVNT	Band26(824-849)	5	26815	1	#0	16QAM	23.7
NVNT	Band26(824-849)	5	26815	1	#Mid	16QAM	24.23
NVNT	Band26(824-849)	5	26815	1	#Max	16QAM	23.63
NVNT	Band26(824-849)	5	26815	12	#0	16QAM	22.26
NVNT	Band26(824-849)	5	26815	12	#Mid	16QAM	22.3
NVNT	Band26(824-849)	5	26815	12	#Max	16QAM	22.19
NVNT	Band26(824-849)	5	26815	25	#0	16QAM	22.23



NVNT	Band26(824-849)	5	26915	1	#0	QPSK	24.03
NVNT	Band26(824-849)	5	26915	1	#Mid	QPSK	24.45
NVNT	Band26(824-849)	5	26915	1	#Max	QPSK	24.04
NVNT	Band26(824-849)	5	26915	12	#0	QPSK	23.18
NVNT	Band26(824-849)	5	26915	12	#Mid	QPSK	23.24
NVNT	Band26(824-849)	5	26915	12	#Max	QPSK	23.12
NVNT	Band26(824-849)	5	26915	25	#0	QPSK	23.18
NVNT	Band26(824-849)	5	26915	1	#0	16QAM	23.37
NVNT	Band26(824-849)	5	26915	1	#Mid	16QAM	23.73
NVNT	Band26(824-849)	5	26915	1	#Max	16QAM	23.42
NVNT	Band26(824-849)	5	26915	12	#0	16QAM	22.14
NVNT	Band26(824-849)	5	26915	12	#Mid	16QAM	22.18
NVNT	Band26(824-849)	5	26915	12	#Max	16QAM	22.06
NVNT	Band26(824-849)	5	26915	25	#0	16QAM	22.25
NVNT	Band26(824-849)	5	27015	1	#0	QPSK	23.98
NVNT	Band26(824-849)	5	27015	1	#Mid	QPSK	24.46
NVNT	Band26(824-849)	5	27015	1	#Max	QPSK	24
NVNT	Band26(824-849)	5	27015	12	#0	QPSK	23.25
NVNT	Band26(824-849)	5	27015	12	#Mid	QPSK	23.26
NVNT	Band26(824-849)	5	27015	12	#Max	QPSK	23.16
NVNT	Band26(824-849)	5	27015	25	#0	QPSK	23.23
NVNT	Band26(824-849)	5	27015	1	#0	16QAM	23.36
NVNT	Band26(824-849)	5	27015	1	#Mid	16QAM	23.77
NVNT	Band26(824-849)	5	27015	1	#Max	16QAM	23.43
NVNT	Band26(824-849)	5	27015	12	#0	16QAM	22.29
NVNT	Band26(824-849)	5	27015	12	#Mid	16QAM	22.29
NVNT	Band26(824-849)	5	27015	12	#Max	16QAM	22.11
NVNT	Band26(824-849)	5	27015	25	#0	16QAM	22.25
NVNT	Band26(824-849)	10	26840	1	#0	QPSK	24.25
NVNT	Band26(824-849)	10	26840	1	#Mid	QPSK	24.27



NVNT	Band26(824-849)	10	26840	1	#Max	QPSK	24.09
NVNT	Band26(824-849)	10	26840	25	#0	QPSK	23.24
NVNT	Band26(824-849)	10	26840	25	#Mid	QPSK	23.17
NVNT	Band26(824-849)	10	26840	25	#Max	QPSK	23.12
NVNT	Band26(824-849)	10	26840	50	#0	QPSK	23.17
NVNT	Band26(824-849)	10	26840	1	#0	16QAM	23.69
NVNT	Band26(824-849)	10	26840	1	#Mid	16QAM	23.68
NVNT	Band26(824-849)	10	26840	1	#Max	16QAM	23.51
NVNT	Band26(824-849)	10	26840	25	#0	16QAM	22.27
NVNT	Band26(824-849)	10	26840	25	#Mid	16QAM	22.22
NVNT	Band26(824-849)	10	26840	25	#Max	16QAM	22.16
NVNT	Band26(824-849)	10	26840	50	#0	16QAM	22.19
NVNT	Band26(824-849)	10	26915	1	#0	QPSK	24.1
NVNT	Band26(824-849)	10	26915	1	#Mid	QPSK	24.22
NVNT	Band26(824-849)	10	26915	1	#Max	QPSK	24.11
NVNT	Band26(824-849)	10	26915	25	#0	QPSK	23.25
NVNT	Band26(824-849)	10	26915	25	#Mid	QPSK	23.16
NVNT	Band26(824-849)	10	26915	25	#Max	QPSK	23.2
NVNT	Band26(824-849)	10	26915	50	#0	QPSK	23.26
NVNT	Band26(824-849)	10	26915	1	#0	16QAM	23.32
NVNT	Band26(824-849)	10	26915	1	#Mid	16QAM	23.44
NVNT	Band26(824-849)	10	26915	1	#Max	16QAM	23.36
NVNT	Band26(824-849)	10	26915	25	#0	16QAM	22.31
NVNT	Band26(824-849)	10	26915	25	#Mid	16QAM	22.16
NVNT	Band26(824-849)	10	26915	25	#Max	16QAM	22.26
NVNT	Band26(824-849)	10	26915	50	#0	16QAM	22.33
NVNT	Band26(824-849)	10	26990	1	#0	QPSK	24.18
NVNT	Band26(824-849)	10	26990	1	#Mid	QPSK	24.34
NVNT	Band26(824-849)	10	26990	1	#Max	QPSK	24.25
NVNT	Band26(824-849)	10	26990	25	#0	QPSK	23.25



NVNT	Band26(824-849)	10	26990	25	#Mid	QPSK	23.18
NVNT	Band26(824-849)	10	26990	25	#Max	QPSK	23.05
NVNT	Band26(824-849)	10	26990	50	#0	QPSK	23.13
NVNT	Band26(824-849)	10	26990	1	#0	16QAM	23.03
NVNT	Band26(824-849)	10	26990	1	#Mid	16QAM	23.14
NVNT	Band26(824-849)	10	26990	1	#Max	16QAM	23.09
NVNT	Band26(824-849)	10	26990	25	#0	16QAM	22.26
NVNT	Band26(824-849)	10	26990	25	#Mid	16QAM	22.21
NVNT	Band26(824-849)	10	26990	25	#Max	16QAM	22.1
NVNT	Band26(824-849)	10	26990	50	#0	16QAM	22.16
NVNT	Band26(824-849)	15	26865	1	#0	QPSK	24.18
NVNT	Band26(824-849)	15	26865	1	#Mid	QPSK	24.29
NVNT	Band26(824-849)	15	26865	1	#Max	QPSK	24.04
NVNT	Band26(824-849)	15	26865	36	#0	QPSK	23.21
NVNT	Band26(824-849)	15	26865	36	#Mid	QPSK	23.22
NVNT	Band26(824-849)	15	26865	36	#Max	QPSK	23.15
NVNT	Band26(824-849)	15	26865	75	#0	QPSK	23.25
NVNT	Band26(824-849)	15	26865	1	#0	16QAM	23.62
NVNT	Band26(824-849)	15	26865	1	#Mid	16QAM	23.82
NVNT	Band26(824-849)	15	26865	1	#Max	16QAM	23.5
NVNT	Band26(824-849)	15	26865	36	#0	16QAM	22.26
NVNT	Band26(824-849)	15	26865	36	#Mid	16QAM	22.21
NVNT	Band26(824-849)	15	26865	36	#Max	16QAM	22.16
NVNT	Band26(824-849)	15	26865	75	#0	16QAM	22.22
NVNT	Band26(824-849)	15	26915	1	#0	QPSK	24.08
NVNT	Band26(824-849)	15	26915	1	#Mid	QPSK	24.31
NVNT	Band26(824-849)	15	26915	1	#Max	QPSK	24.06
NVNT	Band26(824-849)	15	26915	36	#0	QPSK	23.22
NVNT	Band26(824-849)	15	26915	36	#Mid	QPSK	23.21
NVNT	Band26(824-849)	15	26915	36	#Max	QPSK	23.22



NVNT	Band26(824-849)	15	26915	75	#0	QPSK	23.28
NVNT	Band26(824-849)	15	26915	1	#0	16QAM	23.25
NVNT	Band26(824-849)	15	26915	1	#Mid	16QAM	23.71
NVNT	Band26(824-849)	15	26915	1	#Max	16QAM	23.3
NVNT	Band26(824-849)	15	26915	36	#0	16QAM	22.3
NVNT	Band26(824-849)	15	26915	36	#Mid	16QAM	22.26
NVNT	Band26(824-849)	15	26915	36	#Max	16QAM	22.26
NVNT	Band26(824-849)	15	26915	75	#0	16QAM	22.25
NVNT	Band26(824-849)	15	26965	1	#0	QPSK	24.06
NVNT	Band26(824-849)	15	26965	1	#Mid	QPSK	24.41
NVNT	Band26(824-849)	15	26965	1	#Max	QPSK	24.16
NVNT	Band26(824-849)	15	26965	36	#0	QPSK	23.19
NVNT	Band26(824-849)	15	26965	36	#Mid	QPSK	23.22
NVNT	Band26(824-849)	15	26965	36	#Max	QPSK	23.15
NVNT	Band26(824-849)	15	26965	75	#0	QPSK	23.17
NVNT	Band26(824-849)	15	26965	1	#0	16QAM	23.16
NVNT	Band26(824-849)	15	26965	1	#Mid	16QAM	23.61
NVNT	Band26(824-849)	15	26965	1	#Max	16QAM	23.27
NVNT	Band26(824-849)	15	26965	36	#0	16QAM	22.13
NVNT	Band26(824-849)	15	26965	36	#Mid	16QAM	22.17
NVNT	Band26(824-849)	15	26965	36	#Max	16QAM	22.1
NVNT	Band26(824-849)	15	26965	75	#0	16QAM	22.22



LTE Band 41

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band41(2500-2690)	5	39715	1	#0	QPSK	24.2
NVNT	Band41(2500-2690)	5	39715	1	#Mid	QPSK	24.55
NVNT	Band41(2500-2690)	5	39715	1	#Max	QPSK	24.21
NVNT	Band41(2500-2690)	5	39715	12	#0	QPSK	23.18
NVNT	Band41(2500-2690)	5	39715	12	#Mid	QPSK	23.26
NVNT	Band41(2500-2690)	5	39715	12	#Max	QPSK	23.2
NVNT	Band41(2500-2690)	5	39715	25	#0	QPSK	23.16
NVNT	Band41(2500-2690)	5	39715	1	#0	16QAM	23.48
NVNT	Band41(2500-2690)	5	39715	1	#Mid	16QAM	23.83
NVNT	Band41(2500-2690)	5	39715	1	#Max	16QAM	23.53
NVNT	Band41(2500-2690)	5	39715	12	#0	16QAM	22.03
NVNT	Band41(2500-2690)	5	39715	12	#Mid	16QAM	22.17
NVNT	Band41(2500-2690)	5	39715	12	#Max	16QAM	22.13
NVNT	Band41(2500-2690)	5	39715	25	#0	16QAM	22.06
NVNT	Band41(2500-2690)	5	40640	1	#0	QPSK	23.88
NVNT	Band41(2500-2690)	5	40640	1	#Mid	QPSK	24.25
NVNT	Band41(2500-2690)	5	40640	1	#Max	QPSK	23.92
NVNT	Band41(2500-2690)	5	40640	12	#0	QPSK	22.88
NVNT	Band41(2500-2690)	5	40640	12	#Mid	QPSK	22.97
NVNT	Band41(2500-2690)	5	40640	12	#Max	QPSK	22.88
NVNT	Band41(2500-2690)	5	40640	25	#0	QPSK	22.95
NVNT	Band41(2500-2690)	5	40640	1	#0	16QAM	22.94
NVNT	Band41(2500-2690)	5	40640	1	#Mid	16QAM	23.29
NVNT	Band41(2500-2690)	5	40640	1	#Max	16QAM	23
NVNT	Band41(2500-2690)	5	40640	12	#0	16QAM	21.81
NVNT	Band41(2500-2690)	5	40640	12	#Mid	16QAM	21.87
NVNT	Band41(2500-2690)	5	40640	12	#Max	16QAM	21.83
NVNT	Band41(2500-2690)	5	40640	25	#0	16QAM	21.9



NVNT	Band41(2500-2690)	5	41565	1	#0	QPSK	24.64
NVNT	Band41(2500-2690)	5	41565	1	#Mid	QPSK	23.25
NVNT	Band41(2500-2690)	5	41565	1	#Max	QPSK	23.41
NVNT	Band41(2500-2690)	5	41565	12	#0	QPSK	23.64
NVNT	Band41(2500-2690)	5	41565	12	#Mid	QPSK	23.67
NVNT	Band41(2500-2690)	5	41565	12	#Max	QPSK	23.57
NVNT	Band41(2500-2690)	5	41565	25	#0	QPSK	23.55
NVNT	Band41(2500-2690)	5	41565	1	#0	16QAM	23.57
NVNT	Band41(2500-2690)	5	41565	1	#Mid	16QAM	23.92
NVNT	Band41(2500-2690)	5	41565	1	#Max	16QAM	23.54
NVNT	Band41(2500-2690)	5	41565	12	#0	16QAM	22.49
NVNT	Band41(2500-2690)	5	41565	12	#Mid	16QAM	22.53
NVNT	Band41(2500-2690)	5	41565	12	#Max	16QAM	22.44
NVNT	Band41(2500-2690)	5	41565	25	#0	16QAM	22.39
NVNT	Band41(2500-2690)	10	39740	1	#0	QPSK	24.26
NVNT	Band41(2500-2690)	10	39740	1	#Mid	QPSK	24.42
NVNT	Band41(2500-2690)	10	39740	1	#Max	QPSK	24.26
NVNT	Band41(2500-2690)	10	39740	25	#0	QPSK	23.22
NVNT	Band41(2500-2690)	10	39740	25	#Mid	QPSK	23.22
NVNT	Band41(2500-2690)	10	39740	25	#Max	QPSK	23.31
NVNT	Band41(2500-2690)	10	39740	50	#0	QPSK	23.2
NVNT	Band41(2500-2690)	10	39740	1	#0	16QAM	23.5
NVNT	Band41(2500-2690)	10	39740	1	#Mid	16QAM	23.69
NVNT	Band41(2500-2690)	10	39740	1	#Max	16QAM	23.56
NVNT	Band41(2500-2690)	10	39740	25	#0	16QAM	22.14
NVNT	Band41(2500-2690)	10	39740	25	#Mid	16QAM	22.19
NVNT	Band41(2500-2690)	10	39740	25	#Max	16QAM	22.28
NVNT	Band41(2500-2690)	10	39740	50	#0	16QAM	22.15
NVNT	Band41(2500-2690)	10	40640	1	#0	QPSK	23.9
NVNT	Band41(2500-2690)	10	40640	1	#Mid	QPSK	24.13



NVNT	Band41(2500-2690)	10	40640	1	#Max	QPSK	23.96
NVNT	Band41(2500-2690)	10	40640	25	#0	QPSK	22.96
NVNT	Band41(2500-2690)	10	40640	25	#Mid	QPSK	22.99
NVNT	Band41(2500-2690)	10	40640	25	#Max	QPSK	22.94
NVNT	Band41(2500-2690)	10	40640	50	#0	QPSK	22.95
NVNT	Band41(2500-2690)	10	40640	1	#0	16QAM	22.94
NVNT	Band41(2500-2690)	10	40640	1	#Mid	16QAM	23.13
NVNT	Band41(2500-2690)	10	40640	1	#Max	16QAM	22.96
NVNT	Band41(2500-2690)	10	40640	25	#0	16QAM	21.9
NVNT	Band41(2500-2690)	10	40640	25	#Mid	16QAM	21.96
NVNT	Band41(2500-2690)	10	40640	25	#Max	16QAM	21.9
NVNT	Band41(2500-2690)	10	40640	50	#0	16QAM	21.92
NVNT	Band41(2500-2690)	10	41540	1	#0	QPSK	24.45
NVNT	Band41(2500-2690)	10	41540	1	#Mid	QPSK	25.02
NVNT	Band41(2500-2690)	10	41540	1	#Max	QPSK	24.78
NVNT	Band41(2500-2690)	10	41540	25	#0	QPSK	23.63
NVNT	Band41(2500-2690)	10	41540	25	#Mid	QPSK	23.66
NVNT	Band41(2500-2690)	10	41540	25	#Max	QPSK	23.6
NVNT	Band41(2500-2690)	10	41540	50	#0	QPSK	23.55
NVNT	Band41(2500-2690)	10	41540	1	#0	16QAM	23.56
NVNT	Band41(2500-2690)	10	41540	1	#Mid	16QAM	23.58
NVNT	Band41(2500-2690)	10	41540	1	#Max	16QAM	23.42
NVNT	Band41(2500-2690)	10	41540	25	#0	16QAM	22.51
NVNT	Band41(2500-2690)	10	41540	25	#Mid	16QAM	22.53
NVNT	Band41(2500-2690)	10	41540	25	#Max	16QAM	22.48
NVNT	Band41(2500-2690)	10	41540	50	#0	16QAM	22.44
NVNT	Band41(2500-2690)	15	39765	1	#0	QPSK	24.16
NVNT	Band41(2500-2690)	15	39765	1	#Mid	QPSK	24.49
NVNT	Band41(2500-2690)	15	39765	1	#Max	QPSK	24.18
NVNT	Band41(2500-2690)	15	39765	36	#0	QPSK	23.26



NVNT	Band41(2500-2690)	15	39765	36	#Mid	QPSK	23.36
NVNT	Band41(2500-2690)	15	39765	36	#Max	QPSK	23.4
NVNT	Band41(2500-2690)	15	39765	75	#0	QPSK	23.31
NVNT	Band41(2500-2690)	15	39765	1	#0	16QAM	23.43
NVNT	Band41(2500-2690)	15	39765	1	#Mid	16QAM	23.77
NVNT	Band41(2500-2690)	15	39765	1	#Max	16QAM	23.47
NVNT	Band41(2500-2690)	15	39765	36	#0	16QAM	22.17
NVNT	Band41(2500-2690)	15	39765	36	#Mid	16QAM	22.26
NVNT	Band41(2500-2690)	15	39765	36	#Max	16QAM	22.29
NVNT	Band41(2500-2690)	15	39765	75	#0	16QAM	22.23
NVNT	Band41(2500-2690)	15	40640	1	#0	QPSK	23.82
NVNT	Band41(2500-2690)	15	40640	1	#Mid	QPSK	24.22
NVNT	Band41(2500-2690)	15	40640	1	#Max	QPSK	23.88
NVNT	Band41(2500-2690)	15	40640	36	#0	QPSK	23.05
NVNT	Band41(2500-2690)	15	40640	36	#Mid	QPSK	23.1
NVNT	Band41(2500-2690)	15	40640	36	#Max	QPSK	23.05
NVNT	Band41(2500-2690)	15	40640	75	#0	QPSK	23.07
NVNT	Band41(2500-2690)	15	40640	1	#0	16QAM	22.81
NVNT	Band41(2500-2690)	15	40640	1	#Mid	16QAM	23.22
NVNT	Band41(2500-2690)	15	40640	1	#Max	16QAM	22.89
NVNT	Band41(2500-2690)	15	40640	36	#0	16QAM	21.99
NVNT	Band41(2500-2690)	15	40640	36	#Mid	16QAM	22.04
NVNT	Band41(2500-2690)	15	40640	36	#Max	16QAM	22.01
NVNT	Band41(2500-2690)	15	40640	75	#0	16QAM	21.98
NVNT	Band41(2500-2690)	15	41515	1	#0	QPSK	24.99
NVNT	Band41(2500-2690)	15	41515	1	#Mid	QPSK	24.24
NVNT	Band41(2500-2690)	15	41515	1	#Max	QPSK	24.18
NVNT	Band41(2500-2690)	15	41515	36	#0	QPSK	23.94
NVNT	Band41(2500-2690)	15	41515	36	#Mid	QPSK	23.92
NVNT	Band41(2500-2690)	15	41515	36	#Max	QPSK	23.88



NVNT	Band41(2500-2690)	15	41515	75	#0	QPSK	23.88
NVNT	Band41(2500-2690)	15	41515	1	#0	16QAM	23.72
NVNT	Band41(2500-2690)	15	41515	1	#Mid	16QAM	24
NVNT	Band41(2500-2690)	15	41515	1	#Max	16QAM	23.66
NVNT	Band41(2500-2690)	15	41515	36	#0	16QAM	22.69
NVNT	Band41(2500-2690)	15	41515	36	#Mid	16QAM	22.65
NVNT	Band41(2500-2690)	15	41515	36	#Max	16QAM	22.61
NVNT	Band41(2500-2690)	15	41515	75	#0	16QAM	22.68
NVNT	Band41(2500-2690)	20	39790	1	#0	QPSK	24.1
NVNT	Band41(2500-2690)	20	39790	1	#Mid	QPSK	24.44
NVNT	Band41(2500-2690)	20	39790	1	#Max	QPSK	23.95
NVNT	Band41(2500-2690)	20	39790	50	#0	QPSK	23.05
NVNT	Band41(2500-2690)	20	39790	50	#Mid	QPSK	23.21
NVNT	Band41(2500-2690)	20	39790	50	#Max	QPSK	23.2
NVNT	Band41(2500-2690)	20	39790	100	#0	QPSK	23.14
NVNT	Band41(2500-2690)	20	39790	1	#0	16QAM	23.13
NVNT	Band41(2500-2690)	20	39790	1	#Mid	16QAM	23.52
NVNT	Band41(2500-2690)	20	39790	1	#Max	16QAM	23.05
NVNT	Band41(2500-2690)	20	39790	50	#0	16QAM	22.04
NVNT	Band41(2500-2690)	20	39790	50	#Mid	16QAM	22.21
NVNT	Band41(2500-2690)	20	39790	50	#Max	16QAM	22.23
NVNT	Band41(2500-2690)	20	39790	100	#0	16QAM	22.11
NVNT	Band41(2500-2690)	20	40640	1	#0	QPSK	23.69
NVNT	Band41(2500-2690)	20	40640	1	#Mid	QPSK	24.21
NVNT	Band41(2500-2690)	20	40640	1	#Max	QPSK	23.78
NVNT	Band41(2500-2690)	20	40640	50	#0	QPSK	22.86
NVNT	Band41(2500-2690)	20	40640	50	#Mid	QPSK	22.92
NVNT	Band41(2500-2690)	20	40640	50	#Max	QPSK	22.9
NVNT	Band41(2500-2690)	20	40640	100	#0	QPSK	22.87
NVNT	Band41(2500-2690)	20	40640	1	#0	16QAM	22.71



NVNT	Band41(2500-2690)	20	40640	1	#Mid	16QAM	23.18
NVNT	Band41(2500-2690)	20	40640	1	#Max	16QAM	22.76
NVNT	Band41(2500-2690)	20	40640	50	#0	16QAM	21.82
NVNT	Band41(2500-2690)	20	40640	50	#Mid	16QAM	21.91
NVNT	Band41(2500-2690)	20	40640	50	#Max	16QAM	21.81
NVNT	Band41(2500-2690)	20	40640	100	#0	16QAM	21.84
NVNT	Band41(2500-2690)	20	41490	1	#0	QPSK	24.64
NVNT	Band41(2500-2690)	20	41490	1	#Mid	QPSK	25.08
NVNT	Band41(2500-2690)	20	41490	1	#Max	QPSK	24.65
NVNT	Band41(2500-2690)	20	41490	50	#0	QPSK	23.57
NVNT	Band41(2500-2690)	20	41490	50	#Mid	QPSK	23.57
NVNT	Band41(2500-2690)	20	41490	50	#Max	QPSK	23.57
NVNT	Band41(2500-2690)	20	41490	100	#0	QPSK	23.55
NVNT	Band41(2500-2690)	20	41490	1	#0	16QAM	23.4
NVNT	Band41(2500-2690)	20	41490	1	#Mid	16QAM	23.78
NVNT	Band41(2500-2690)	20	41490	1	#Max	16QAM	23.34
NVNT	Band41(2500-2690)	20	41490	50	#0	16QAM	22.51
NVNT	Band41(2500-2690)	20	41490	50	#Mid	16QAM	22.54
NVNT	Band41(2500-2690)	20	41490	50	#Max	16QAM	22.5
NVNT	Band41(2500-2690)	20	41490	100	#0	16QAM	22.46



LTE Band 66

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band66	1.4	131979	1	#0	QPSK	23.81
NVNT	Band66	1.4	131979	1	#Mid	QPSK	23.98
NVNT	Band66	1.4	131979	1	#Max	QPSK	23.81
NVNT	Band66	1.4	131979	3	#0	QPSK	23.76
NVNT	Band66	1.4	131979	3	#Mid	QPSK	23.78
NVNT	Band66	1.4	131979	3	#Max	QPSK	23.81
NVNT	Band66	1.4	131979	6	#0	QPSK	22.78
NVNT	Band66	1.4	131979	1	#0	16QAM	22.88
NVNT	Band66	1.4	131979	1	#Mid	16QAM	22.98
NVNT	Band66	1.4	131979	1	#Max	16QAM	22.88
NVNT	Band66	1.4	131979	3	#0	16QAM	22.95
NVNT	Band66	1.4	131979	3	#Mid	16QAM	22.97
NVNT	Band66	1.4	131979	3	#Max	16QAM	22.92
NVNT	Band66	1.4	131979	6	#0	16QAM	21.99
NVNT	Band66	1.4	132322	1	#0	QPSK	23.7
NVNT	Band66	1.4	132322	1	#Mid	QPSK	23.87
NVNT	Band66	1.4	132322	1	#Max	QPSK	23.67
NVNT	Band66	1.4	132322	3	#0	QPSK	23.82
NVNT	Band66	1.4	132322	3	#Mid	QPSK	23.8
NVNT	Band66	1.4	132322	3	#Max	QPSK	23.74
NVNT	Band66	1.4	132322	6	#0	QPSK	22.74
NVNT	Band66	1.4	132322	1	#0	16QAM	22.84
NVNT	Band66	1.4	132322	1	#Mid	16QAM	22.98
NVNT	Band66	1.4	132322	1	#Max	16QAM	22.84
NVNT	Band66	1.4	132322	3	#0	16QAM	22.95
NVNT	Band66	1.4	132322	3	#Mid	16QAM	22.99
NVNT	Band66	1.4	132322	3	#Max	16QAM	22.94
NVNT	Band66	1.4	132322	6	#0	16QAM	21.98
NVNT	Band66	1.4	132665	1	#0	QPSK	23.67
NVNT	Band66	1.4	132665	1	#Mid	QPSK	23.83
NVNT	Band66	1.4	132665	1	#Max	QPSK	23.69
NVNT	Band66	1.4	132665	3	#0	QPSK	23.72
NVNT	Band66	1.4	132665	3	#Mid	QPSK	23.69
NVNT	Band66	1.4	132665	3	#Max	QPSK	23.71
NVNT	Band66	1.4	132665	6	#0	QPSK	22.68
NVNT	Band66	1.4	132665	1	#0	16QAM	22.54
NVNT	Band66	1.4	132665	1	#Mid	16QAM	22.62
NVNT	Band66	1.4	132665	1	#Max	16QAM	22.53
NVNT	Band66	1.4	132665	3	#0	16QAM	22.83
NVNT	Band66	1.4	132665	3	#Mid	16QAM	22.87
NVNT	Band66	1.4	132665	3	#Max	16QAM	22.86
NVNT	Band66	1.4	132665	6	#0	16QAM	21.92
NVNT	Band66	3	131987	1	#0	QPSK	23.76
NVNT	Band66	3	131987	1	#Mid	QPSK	23.98
NVNT	Band66	3	131987	1	#Max	QPSK	23.67
NVNT	Band66	3	131987	8	#0	QPSK	22.71
NVNT	Band66	3	131987	8	#Mid	QPSK	22.74



NVNT	Band66	3	131987	8	#Max	QPSK	22.75
NVNT	Band66	3	131987	15	#0	QPSK	22.69
NVNT	Band66	3	131987	1	#0	16QAM	23.14
NVNT	Band66	3	131987	1	#Mid	16QAM	23.4
NVNT	Band66	3	131987	1	#Max	16QAM	23.08
NVNT	Band66	3	131987	8	#0	16QAM	21.84
NVNT	Band66	3	131987	8	#Mid	16QAM	21.81
NVNT	Band66	3	131987	8	#Max	16QAM	21.8
NVNT	Band66	3	131987	15	#0	16QAM	21.8
NVNT	Band66	3	132322	1	#0	QPSK	23.79
NVNT	Band66	3	132322	1	#Mid	QPSK	24.02
NVNT	Band66	3	132322	1	#Max	QPSK	23.73
NVNT	Band66	3	132322	8	#0	QPSK	22.74
NVNT	Band66	3	132322	8	#Mid	QPSK	22.74
NVNT	Band66	3	132322	8	#Max	QPSK	22.74
NVNT	Band66	3	132322	15	#0	QPSK	22.71
NVNT	Band66	3	132322	1	#0	16QAM	22.93
NVNT	Band66	3	132322	1	#Mid	16QAM	23.21
NVNT	Band66	3	132322	1	#Max	16QAM	22.88
NVNT	Band66	3	132322	8	#0	16QAM	21.8
NVNT	Band66	3	132322	8	#Mid	16QAM	21.82
NVNT	Band66	3	132322	8	#Max	16QAM	21.75
NVNT	Band66	3	132322	15	#0	16QAM	21.71
NVNT	Band66	3	132657	1	#0	QPSK	23.74
NVNT	Band66	3	132657	1	#Mid	QPSK	23.94
NVNT	Band66	3	132657	1	#Max	QPSK	23.73
NVNT	Band66	3	132657	8	#0	QPSK	22.63
NVNT	Band66	3	132657	8	#Mid	QPSK	22.66
NVNT	Band66	3	132657	8	#Max	QPSK	22.64
NVNT	Band66	3	132657	15	#0	QPSK	22.63
NVNT	Band66	3	132657	1	#0	16QAM	22.57
NVNT	Band66	3	132657	1	#Mid	16QAM	22.87
NVNT	Band66	3	132657	1	#Max	16QAM	22.55
NVNT	Band66	3	132657	8	#0	16QAM	21.72
NVNT	Band66	3	132657	8	#Mid	16QAM	21.76
NVNT	Band66	3	132657	8	#Max	16QAM	21.71
NVNT	Band66	3	132657	15	#0	16QAM	21.82
NVNT	Band66	5	131997	1	#0	QPSK	23.68
NVNT	Band66	5	131997	1	#Mid	QPSK	23.92
NVNT	Band66	5	131997	1	#Max	QPSK	23.61
NVNT	Band66	5	131997	12	#0	QPSK	22.72
NVNT	Band66	5	131997	12	#Mid	QPSK	22.79
NVNT	Band66	5	131997	12	#Max	QPSK	22.7
NVNT	Band66	5	131997	25	#0	QPSK	22.72
NVNT	Band66	5	131997	1	#0	16QAM	23.19
NVNT	Band66	5	131997	1	#Mid	16QAM	23.58
NVNT	Band66	5	131997	1	#Max	16QAM	23.16
NVNT	Band66	5	131997	12	#0	16QAM	21.76
NVNT	Band66	5	131997	12	#Mid	16QAM	21.8
NVNT	Band66	5	131997	12	#Max	16QAM	21.77



NVNT	Band66	5	131997	25	#0	16QAM	21.79
NVNT	Band66	5	132322	1	#0	QPSK	23.74
NVNT	Band66	5	132322	1	#Mid	QPSK	24.1
NVNT	Band66	5	132322	1	#Max	QPSK	23.67
NVNT	Band66	5	132322	12	#0	QPSK	22.78
NVNT	Band66	5	132322	12	#Mid	QPSK	22.77
NVNT	Band66	5	132322	12	#Max	QPSK	22.71
NVNT	Band66	5	132322	25	#0	QPSK	22.77
NVNT	Band66	5	132322	1	#0	16QAM	23.05
NVNT	Band66	5	132322	1	#Mid	16QAM	23.33
NVNT	Band66	5	132322	1	#Max	16QAM	22.95
NVNT	Band66	5	132322	12	#0	16QAM	21.77
NVNT	Band66	5	132322	12	#Mid	16QAM	21.77
NVNT	Band66	5	132322	12	#Max	16QAM	21.69
NVNT	Band66	5	132322	25	#0	16QAM	21.87
NVNT	Band66	5	132647	1	#0	QPSK	23.54
NVNT	Band66	5	132647	1	#Mid	QPSK	24.02
NVNT	Band66	5	132647	1	#Max	QPSK	23.58
NVNT	Band66	5	132647	12	#0	QPSK	22.65
NVNT	Band66	5	132647	12	#Mid	QPSK	22.73
NVNT	Band66	5	132647	12	#Max	QPSK	22.66
NVNT	Band66	5	132647	25	#0	QPSK	22.67
NVNT	Band66	5	132647	1	#0	16QAM	22.93
NVNT	Band66	5	132647	1	#Mid	16QAM	23.31
NVNT	Band66	5	132647	1	#Max	16QAM	22.91
NVNT	Band66	5	132647	12	#0	16QAM	21.75
NVNT	Band66	5	132647	12	#Mid	16QAM	21.82
NVNT	Band66	5	132647	12	#Max	16QAM	21.74
NVNT	Band66	5	132647	25	#0	16QAM	21.74
NVNT	Band66	10	132022	1	#0	QPSK	23.8
NVNT	Band66	10	132022	1	#Mid	QPSK	23.8
NVNT	Band66	10	132022	1	#Max	QPSK	23.66
NVNT	Band66	10	132022	25	#0	QPSK	22.8
NVNT	Band66	10	132022	25	#Mid	QPSK	22.75
NVNT	Band66	10	132022	25	#Max	QPSK	22.76
NVNT	Band66	10	132022	50	#0	QPSK	22.79
NVNT	Band66	10	132022	1	#0	16QAM	23.16
NVNT	Band66	10	132022	1	#Mid	16QAM	23.18
NVNT	Band66	10	132022	1	#Max	16QAM	23.09
NVNT	Band66	10	132022	25	#0	16QAM	21.89
NVNT	Band66	10	132022	25	#Mid	16QAM	21.85
NVNT	Band66	10	132022	25	#Max	16QAM	21.84
NVNT	Band66	10	132022	50	#0	16QAM	21.87
NVNT	Band66	10	132322	1	#0	QPSK	23.81
NVNT	Band66	10	132322	1	#Mid	QPSK	23.88
NVNT	Band66	10	132322	1	#Max	QPSK	23.68
NVNT	Band66	10	132322	25	#0	QPSK	22.88
NVNT	Band66	10	132322	25	#Mid	QPSK	22.81
NVNT	Band66	10	132322	25	#Max	QPSK	22.75
NVNT	Band66	10	132322	50	#0	QPSK	22.8



NVNT	Band66	10	132322	1	#0	16QAM	22.98
NVNT	Band66	10	132322	1	#Mid	16QAM	23
NVNT	Band66	10	132322	1	#Max	16QAM	22.81
NVNT	Band66	10	132322	25	#0	16QAM	21.93
NVNT	Band66	10	132322	25	#Mid	16QAM	21.87
NVNT	Band66	10	132322	25	#Max	16QAM	21.82
NVNT	Band66	10	132322	50	#0	16QAM	21.86
NVNT	Band66	10	132622	1	#0	QPSK	23.7
NVNT	Band66	10	132622	1	#Mid	QPSK	23.85
NVNT	Band66	10	132622	1	#Max	QPSK	23.76
NVNT	Band66	10	132622	25	#0	QPSK	22.71
NVNT	Band66	10	132622	25	#Mid	QPSK	22.68
NVNT	Band66	10	132622	25	#Max	QPSK	22.69
NVNT	Band66	10	132622	50	#0	QPSK	22.7
NVNT	Band66	10	132622	1	#0	16QAM	22.53
NVNT	Band66	10	132622	1	#Mid	16QAM	22.65
NVNT	Band66	10	132622	1	#Max	16QAM	22.58
NVNT	Band66	10	132622	25	#0	16QAM	21.8
NVNT	Band66	10	132622	25	#Mid	16QAM	21.77
NVNT	Band66	10	132622	25	#Max	16QAM	21.79
NVNT	Band66	10	132622	50	#0	16QAM	21.77
NVNT	Band66	15	132047	1	#0	QPSK	23.71
NVNT	Band66	15	132047	1	#Mid	QPSK	23.86
NVNT	Band66	15	132047	1	#Max	QPSK	23.64
NVNT	Band66	15	132047	36	#0	QPSK	22.8
NVNT	Band66	15	132047	36	#Mid	QPSK	22.78
NVNT	Band66	15	132047	36	#Max	QPSK	22.75
NVNT	Band66	15	132047	75	#0	QPSK	22.8
NVNT	Band66	15	132047	1	#0	16QAM	23.09
NVNT	Band66	15	132047	1	#Mid	16QAM	23.4
NVNT	Band66	15	132047	1	#Max	16QAM	23.02
NVNT	Band66	15	132047	36	#0	16QAM	21.81
NVNT	Band66	15	132047	36	#Mid	16QAM	21.87
NVNT	Band66	15	132047	36	#Max	16QAM	21.82
NVNT	Band66	15	132047	75	#0	16QAM	21.82
NVNT	Band66	15	132322	1	#0	QPSK	23.78
NVNT	Band66	15	132322	1	#Mid	QPSK	23.99
NVNT	Band66	15	132322	1	#Max	QPSK	23.51
NVNT	Band66	15	132322	36	#0	QPSK	22.92
NVNT	Band66	15	132322	36	#Mid	QPSK	22.9
NVNT	Band66	15	132322	36	#Max	QPSK	22.74
NVNT	Band66	15	132322	75	#0	QPSK	22.85
NVNT	Band66	15	132322	1	#0	16QAM	22.89
NVNT	Band66	15	132322	1	#Mid	16QAM	23.14
NVNT	Band66	15	132322	1	#Max	16QAM	22.68
NVNT	Band66	15	132322	36	#0	16QAM	21.98
NVNT	Band66	15	132322	36	#Mid	16QAM	21.93
NVNT	Band66	15	132322	36	#Max	16QAM	21.8
NVNT	Band66	15	132322	75	#0	16QAM	21.87
NVNT	Band66	15	132597	1	#0	QPSK	23.51



NVNT	Band66	15	132597	1	#Mid	QPSK	23.94
NVNT	Band66	15	132597	1	#Max	QPSK	23.64
NVNT	Band66	15	132597	36	#0	QPSK	22.66
NVNT	Band66	15	132597	36	#Mid	QPSK	22.69
NVNT	Band66	15	132597	36	#Max	QPSK	22.69
NVNT	Band66	15	132597	75	#0	QPSK	22.73
NVNT	Band66	15	132597	1	#0	16QAM	22.64
NVNT	Band66	15	132597	1	#Mid	16QAM	23
NVNT	Band66	15	132597	1	#Max	16QAM	22.72
NVNT	Band66	15	132597	36	#0	16QAM	21.67
NVNT	Band66	15	132597	36	#Mid	16QAM	21.72
NVNT	Band66	15	132597	36	#Max	16QAM	21.67
NVNT	Band66	15	132597	75	#0	16QAM	21.76
NVNT	Band66	20	132072	1	#0	QPSK	23.55
NVNT	Band66	20	132072	1	#Mid	QPSK	23.79
NVNT	Band66	20	132072	1	#Max	QPSK	23.5
NVNT	Band66	20	132072	50	#0	QPSK	22.65
NVNT	Band66	20	132072	50	#Mid	QPSK	22.7
NVNT	Band66	20	132072	50	#Max	QPSK	22.7
NVNT	Band66	20	132072	100	#0	QPSK	22.65
NVNT	Band66	20	132072	1	#0	16QAM	22.89
NVNT	Band66	20	132072	1	#Mid	16QAM	23.07
NVNT	Band66	20	132072	1	#Max	16QAM	22.8
NVNT	Band66	20	132072	50	#0	16QAM	21.78
NVNT	Band66	20	132072	50	#Mid	16QAM	21.83
NVNT	Band66	20	132072	50	#Max	16QAM	21.79
NVNT	Band66	20	132072	100	#0	16QAM	21.76
NVNT	Band66	20	132322	1	#0	QPSK	23.66
NVNT	Band66	20	132322	1	#Mid	QPSK	23.97
NVNT	Band66	20	132322	1	#Max	QPSK	23.39
NVNT	Band66	20	132322	50	#0	QPSK	22.82
NVNT	Band66	20	132322	50	#Mid	QPSK	22.78
NVNT	Band66	20	132322	50	#Max	QPSK	22.59
NVNT	Band66	20	132322	100	#0	QPSK	22.7
NVNT	Band66	20	132322	1	#0	16QAM	22.78
NVNT	Band66	20	132322	1	#Mid	16QAM	23.07
NVNT	Band66	20	132322	1	#Max	16QAM	22.57
NVNT	Band66	20	132322	50	#0	16QAM	21.85
NVNT	Band66	20	132322	50	#Mid	16QAM	21.82
NVNT	Band66	20	132322	50	#Max	16QAM	21.64
NVNT	Band66	20	132322	100	#0	16QAM	21.78
NVNT	Band66	20	132572	1	#0	QPSK	23.3
NVNT	Band66	20	132572	1	#Mid	QPSK	23.7
NVNT	Band66	20	132572	1	#Max	QPSK	23.45
NVNT	Band66	20	132572	50	#0	QPSK	22.54
NVNT	Band66	20	132572	50	#Mid	QPSK	22.64
NVNT	Band66	20	132572	50	#Max	QPSK	22.58
NVNT	Band66	20	132572	100	#0	QPSK	22.58
NVNT	Band66	20	132572	1	#0	16QAM	22.55
NVNT	Band66	20	132572	1	#Mid	16QAM	22.96



NVNT	Band66	20	132572	1	#Max	16QAM	22.65
NVNT	Band66	20	132572	50	#0	16QAM	21.7
NVNT	Band66	20	132572	50	#Mid	16QAM	21.78
NVNT	Band66	20	132572	50	#Max	16QAM	21.71
NVNT	Band66	20	132572	100	#0	16QAM	21.67



LTE Band 71

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
NVNT	Band71	5	133147	1	#0	QPSK	23.47
NVNT	Band71	5	133147	1	#Mid	QPSK	23.95
NVNT	Band71	5	133147	1	#Max	QPSK	23.53
NVNT	Band71	5	133147	12	#0	QPSK	22.61
NVNT	Band71	5	133147	12	#Mid	QPSK	22.72
NVNT	Band71	5	133147	12	#Max	QPSK	22.65
NVNT	Band71	5	133147	25	#0	QPSK	22.67
NVNT	Band71	5	133147	1	#0	16QAM	22.88
NVNT	Band71	5	133147	1	#Mid	16QAM	23.34
NVNT	Band71	5	133147	1	#Max	16QAM	22.92
NVNT	Band71	5	133147	12	#0	16QAM	21.6
NVNT	Band71	5	133147	12	#Mid	16QAM	21.7
NVNT	Band71	5	133147	12	#Max	16QAM	21.64
NVNT	Band71	5	133147	25	#0	16QAM	21.59
NVNT	Band71	5	133297	1	#0	QPSK	23.37
NVNT	Band71	5	133297	1	#Mid	QPSK	23.81
NVNT	Band71	5	133297	1	#Max	QPSK	23.29
NVNT	Band71	5	133297	12	#0	QPSK	22.43
NVNT	Band71	5	133297	12	#Mid	QPSK	22.53
NVNT	Band71	5	133297	12	#Max	QPSK	22.5
NVNT	Band71	5	133297	25	#0	QPSK	22.51
NVNT	Band71	5	133297	1	#0	16QAM	22.97
NVNT	Band71	5	133297	1	#Mid	16QAM	23.28
NVNT	Band71	5	133297	1	#Max	16QAM	22.78
NVNT	Band71	5	133297	12	#0	16QAM	21.39
NVNT	Band71	5	133297	12	#Mid	16QAM	21.45
NVNT	Band71	5	133297	12	#Max	16QAM	21.45
NVNT	Band71	5	133297	25	#0	16QAM	21.43
NVNT	Band71	5	133447	1	#0	QPSK	23.39
NVNT	Band71	5	133447	1	#Mid	QPSK	23.83
NVNT	Band71	5	133447	1	#Max	QPSK	23.58
NVNT	Band71	5	133447	12	#0	QPSK	22.54
NVNT	Band71	5	133447	12	#Mid	QPSK	22.59
NVNT	Band71	5	133447	12	#Max	QPSK	22.48
NVNT	Band71	5	133447	25	#0	QPSK	22.52
NVNT	Band71	5	133447	1	#0	16QAM	22.74
NVNT	Band71	5	133447	1	#Mid	16QAM	23.21
NVNT	Band71	5	133447	1	#Max	16QAM	22.89
NVNT	Band71	5	133447	12	#0	16QAM	21.41
NVNT	Band71	5	133447	12	#Mid	16QAM	21.51
NVNT	Band71	5	133447	12	#Max	16QAM	21.39
NVNT	Band71	5	133447	25	#0	16QAM	21.53
NVNT	Band71	10	133172	1	#0	QPSK	23.6
NVNT	Band71	10	133172	1	#Mid	QPSK	23.78
NVNT	Band71	10	133172	1	#Max	QPSK	23.62
NVNT	Band71	10	133172	25	#0	QPSK	22.71
NVNT	Band71	10	133172	25	#Mid	QPSK	22.65



NVNT	Band71	10	133172	25	#Max	QPSK	22.57
NVNT	Band71	10	133172	50	#0	QPSK	22.62
NVNT	Band71	10	133172	1	#0	16QAM	23.03
NVNT	Band71	10	133172	1	#Mid	16QAM	23.21
NVNT	Band71	10	133172	1	#Max	16QAM	23.1
NVNT	Band71	10	133172	25	#0	16QAM	21.68
NVNT	Band71	10	133172	25	#Mid	16QAM	21.69
NVNT	Band71	10	133172	25	#Max	16QAM	21.57
NVNT	Band71	10	133172	50	#0	16QAM	21.65
NVNT	Band71	10	133297	1	#0	QPSK	23.57
NVNT	Band71	10	133297	1	#Mid	QPSK	23.55
NVNT	Band71	10	133297	1	#Max	QPSK	23.31
NVNT	Band71	10	133297	25	#0	QPSK	22.47
NVNT	Band71	10	133297	25	#Mid	QPSK	22.49
NVNT	Band71	10	133297	25	#Max	QPSK	22.64
NVNT	Band71	10	133297	50	#0	QPSK	22.52
NVNT	Band71	10	133297	1	#0	16QAM	22.77
NVNT	Band71	10	133297	1	#Mid	16QAM	22.69
NVNT	Band71	10	133297	1	#Max	16QAM	22.56
NVNT	Band71	10	133297	25	#0	16QAM	21.45
NVNT	Band71	10	133297	25	#Mid	16QAM	21.46
NVNT	Band71	10	133297	25	#Max	16QAM	21.58
NVNT	Band71	10	133297	50	#0	16QAM	21.55
NVNT	Band71	10	133422	1	#0	QPSK	23.41
NVNT	Band71	10	133422	1	#Mid	QPSK	23.69
NVNT	Band71	10	133422	1	#Max	QPSK	23.73
NVNT	Band71	10	133422	25	#0	QPSK	22.64
NVNT	Band71	10	133422	25	#Mid	QPSK	22.52
NVNT	Band71	10	133422	25	#Max	QPSK	22.65
NVNT	Band71	10	133422	50	#0	QPSK	22.61
NVNT	Band71	10	133422	1	#0	16QAM	22.24
NVNT	Band71	10	133422	1	#Mid	16QAM	22.53
NVNT	Band71	10	133422	1	#Max	16QAM	22.58
NVNT	Band71	10	133422	25	#0	16QAM	21.66
NVNT	Band71	10	133422	25	#Mid	16QAM	21.5
NVNT	Band71	10	133422	25	#Max	16QAM	21.62
NVNT	Band71	10	133422	50	#0	16QAM	21.59
NVNT	Band71	15	133197	1	#0	QPSK	23.5
NVNT	Band71	15	133197	1	#Mid	QPSK	23.73
NVNT	Band71	15	133197	1	#Max	QPSK	23.44
NVNT	Band71	15	133197	36	#0	QPSK	22.75
NVNT	Band71	15	133197	36	#Mid	QPSK	22.79
NVNT	Band71	15	133197	36	#Max	QPSK	22.72
NVNT	Band71	15	133197	75	#0	QPSK	22.76
NVNT	Band71	15	133197	1	#0	16QAM	22.95
NVNT	Band71	15	133197	1	#Mid	16QAM	23.3
NVNT	Band71	15	133197	1	#Max	16QAM	22.94
NVNT	Band71	15	133197	36	#0	16QAM	21.74
NVNT	Band71	15	133197	36	#Mid	16QAM	21.76
NVNT	Band71	15	133197	36	#Max	16QAM	21.73



NVNT	Band71	15	133197	75	#0	16QAM	21.67
NVNT	Band71	15	133297	1	#0	QPSK	23.54
NVNT	Band71	15	133297	1	#Mid	QPSK	23.67
NVNT	Band71	15	133297	1	#Max	QPSK	23.27
NVNT	Band71	15	133297	36	#0	QPSK	22.52
NVNT	Band71	15	133297	36	#Mid	QPSK	22.53
NVNT	Band71	15	133297	36	#Max	QPSK	22.54
NVNT	Band71	15	133297	75	#0	QPSK	22.52
NVNT	Band71	15	133297	1	#0	16QAM	22.75
NVNT	Band71	15	133297	1	#Mid	16QAM	22.87
NVNT	Band71	15	133297	1	#Max	16QAM	22.53
NVNT	Band71	15	133297	36	#0	16QAM	21.54
NVNT	Band71	15	133297	36	#Mid	16QAM	21.51
NVNT	Band71	15	133297	36	#Max	16QAM	21.55
NVNT	Band71	15	133297	75	#0	16QAM	21.49
NVNT	Band71	15	133397	1	#0	QPSK	23.27
NVNT	Band71	15	133397	1	#Mid	QPSK	23.65
NVNT	Band71	15	133397	1	#Max	QPSK	23.67
NVNT	Band71	15	133397	36	#0	QPSK	22.5
NVNT	Band71	15	133397	36	#Mid	QPSK	22.5
NVNT	Band71	15	133397	36	#Max	QPSK	22.65
NVNT	Band71	15	133397	75	#0	QPSK	22.55
NVNT	Band71	15	133397	1	#0	16QAM	22.39
NVNT	Band71	15	133397	1	#Mid	16QAM	22.81
NVNT	Band71	15	133397	1	#Max	16QAM	22.75
NVNT	Band71	15	133397	36	#0	16QAM	21.37
NVNT	Band71	15	133397	36	#Mid	16QAM	21.45
NVNT	Band71	15	133397	36	#Max	16QAM	21.56
NVNT	Band71	15	133397	75	#0	16QAM	21.54
NVNT	Band71	20	133222	1	#0	QPSK	23.38



NVNT	Band71	20	133222	1	#Mid	QPSK	23.67
NVNT	Band71	20	133222	1	#Max	QPSK	23.17
NVNT	Band71	20	133222	50	#0	QPSK	22.78
NVNT	Band71	20	133222	50	#Mid	QPSK	22.68
NVNT	Band71	20	133222	50	#Max	QPSK	22.68
NVNT	Band71	20	133222	100	#0	QPSK	22.74
NVNT	Band71	20	133222	1	#0	16QAM	22.72
NVNT	Band71	20	133222	1	#Mid	16QAM	23.06
NVNT	Band71	20	133222	1	#Max	16QAM	22.51
NVNT	Band71	20	133222	50	#0	16QAM	21.76
NVNT	Band71	20	133222	50	#Mid	16QAM	21.68
NVNT	Band71	20	133222	50	#Max	16QAM	21.73
NVNT	Band71	20	133222	100	#0	16QAM	21.76
NVNT	Band71	20	133297	1	#0	QPSK	23.47
NVNT	Band71	20	133297	1	#Mid	QPSK	23.59
NVNT	Band71	20	133297	1	#Max	QPSK	23.21
NVNT	Band71	20	133297	50	#0	QPSK	22.42
NVNT	Band71	20	133297	50	#Mid	QPSK	22.48
NVNT	Band71	20	133297	50	#Max	QPSK	22.5
NVNT	Band71	20	133297	100	#0	QPSK	22.44
NVNT	Band71	20	133297	1	#0	16QAM	22.67
NVNT	Band71	20	133297	1	#Mid	16QAM	22.77
NVNT	Band71	20	133297	1	#Max	16QAM	22.48
NVNT	Band71	20	133297	50	#0	16QAM	21.41
NVNT	Band71	20	133297	50	#Mid	16QAM	21.44
NVNT	Band71	20	133297	50	#Max	16QAM	21.46
NVNT	Band71	20	133297	100	#0	16QAM	21.43
NVNT	Band71	20	133372	1	#0	QPSK	23.21
NVNT	Band71	20	133372	1	#Mid	QPSK	23.37
NVNT	Band71	20	133372	1	#Max	QPSK	23.39



NVNT	Band71	20	133372	50	#0	QPSK	22.16
NVNT	Band71	20	133372	50	#Mid	QPSK	22.36
NVNT	Band71	20	133372	50	#Max	QPSK	22.42
NVNT	Band71	20	133372	100	#0	QPSK	22.3
NVNT	Band71	20	133372	1	#0	16QAM	22.55
NVNT	Band71	20	133372	1	#Mid	16QAM	22.65
NVNT	Band71	20	133372	1	#Max	16QAM	22.71
NVNT	Band71	20	133372	50	#0	16QAM	21.2
NVNT	Band71	20	133372	50	#Mid	16QAM	21.42
NVNT	Band71	20	133372	50	#Max	16QAM	21.44
NVNT	Band71	20	133372	100	#0	16QAM	21.27

11. EUT and Test Setup Photo

11.1 EUT Photo

Front side

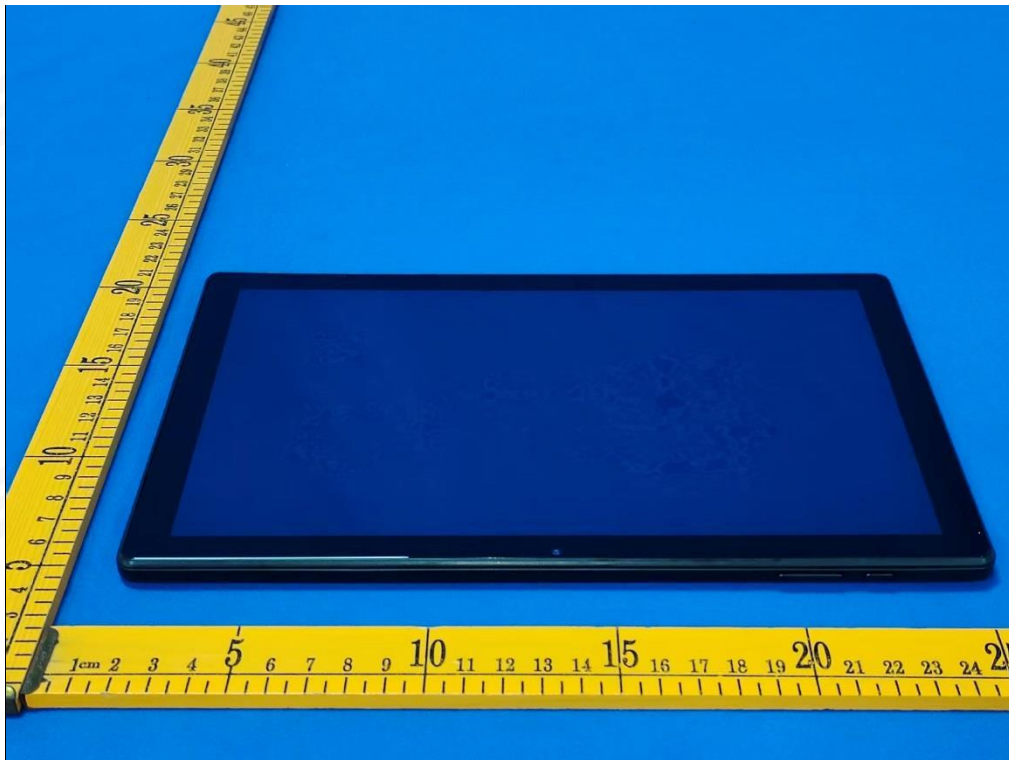


Back side





Top side



Bottom side



Left side

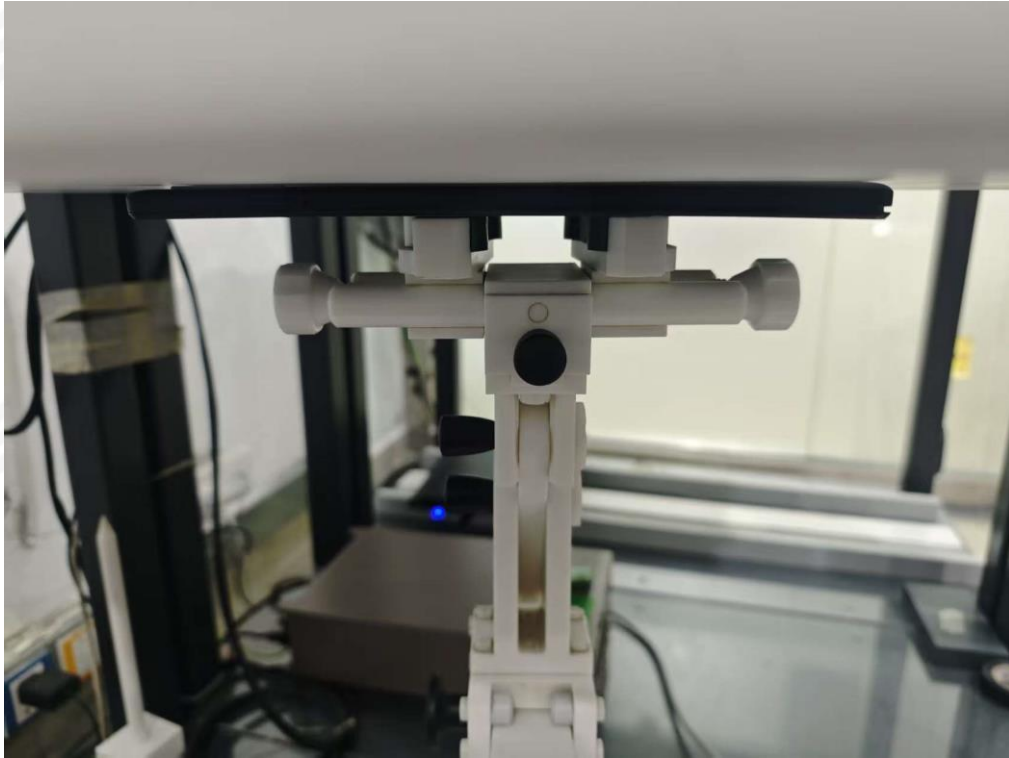


Right side

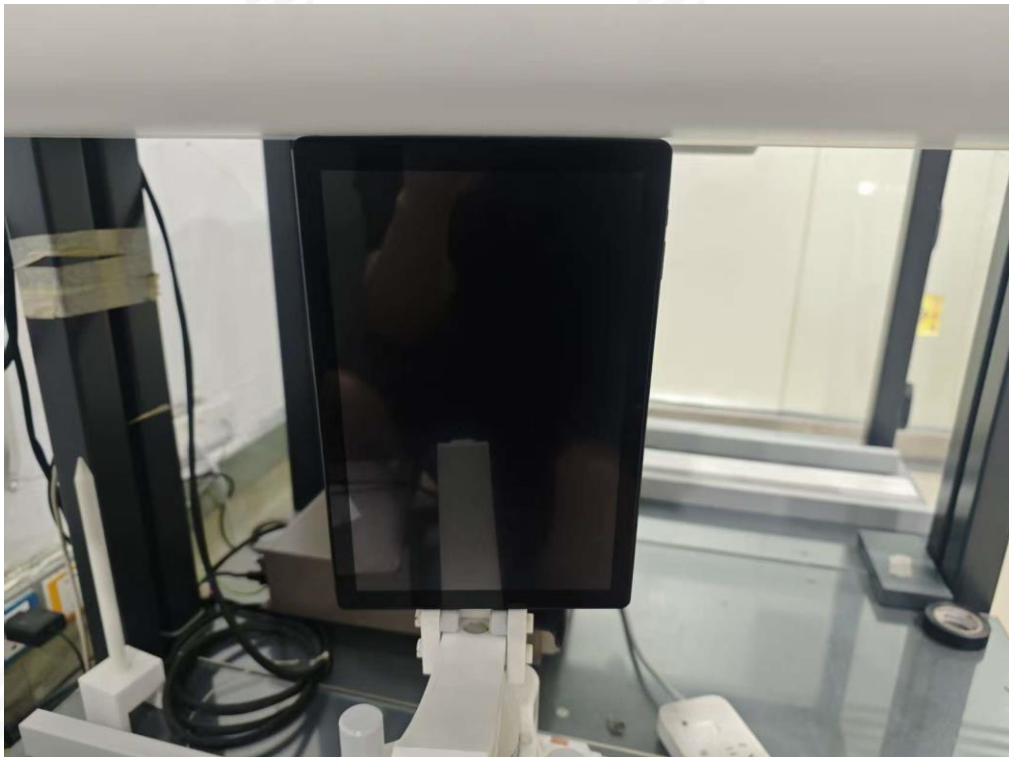


11.2 Setup Photo

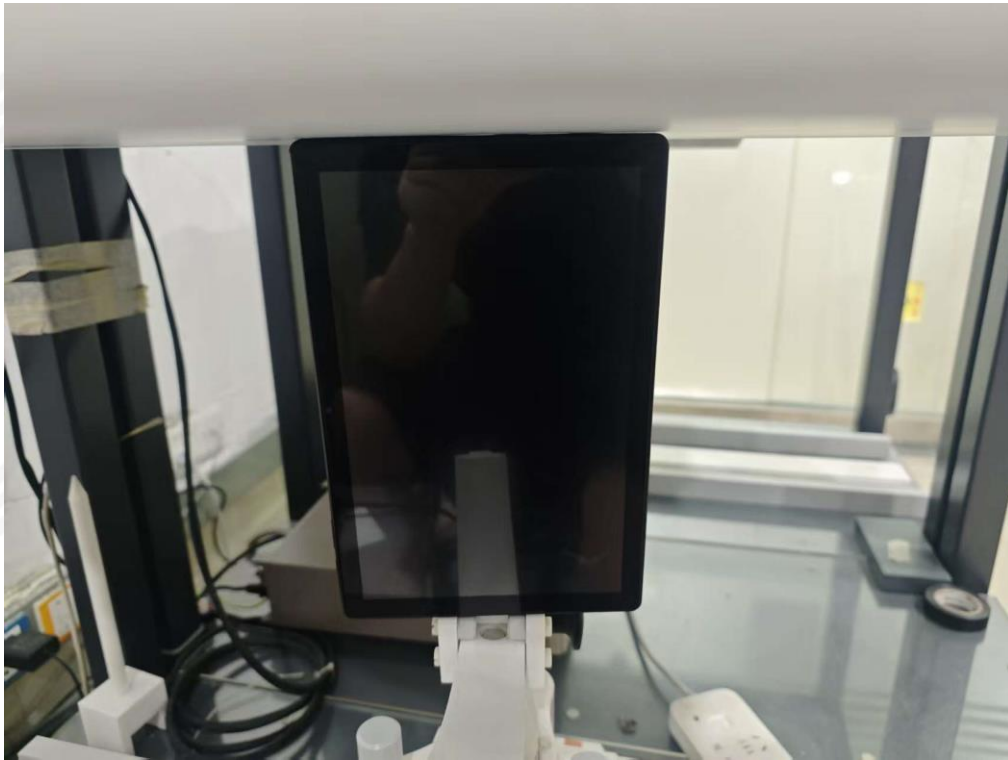
Body Back side(separation distance is 0mm)



Body Left side(separation distance is 0mm)



Body Right side(separation distance is 0mm)

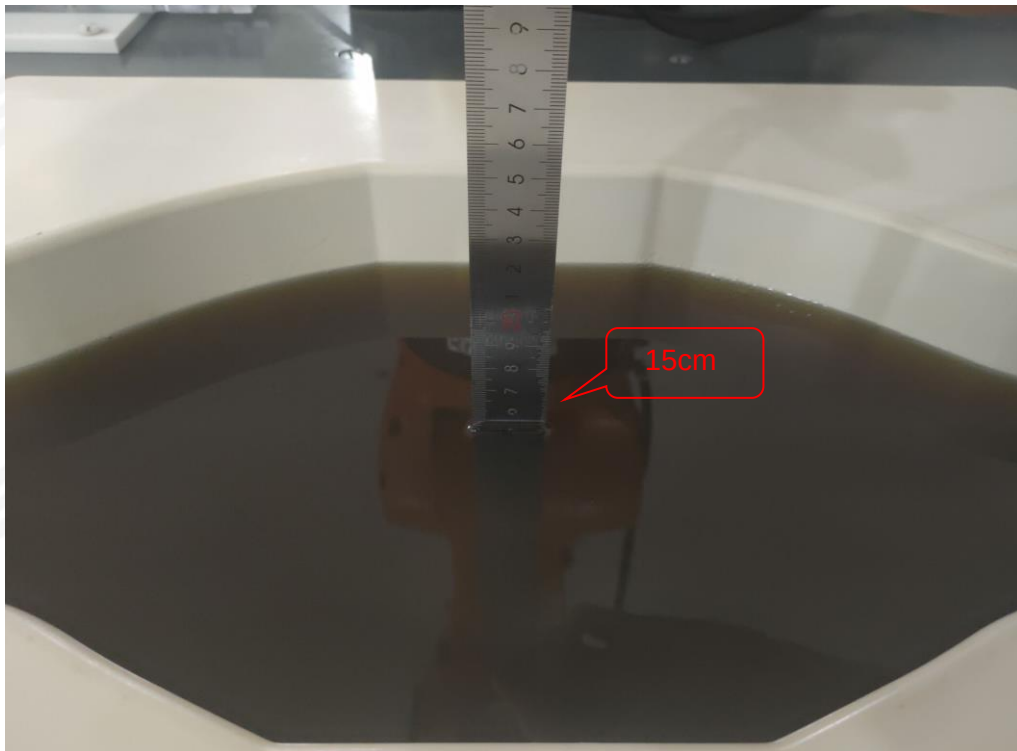


Body Top side(separation distance is 0mm)





Liquid depth (15 cm)





12. SAR Result Summary

12.1 Body-worn and Hotspot SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn- up Power(dBm)	Meas.Output Power(dBm)	Scale SAR (W/Kg)	Meas.No.
GSM850	GPRS Data- 2 Slot	Back Side	824.2	0.182	3.25	32.50	32.08	0.200	1
		Right Side	824.2	0.085	-1.41	32.50	32.08	0.094	/
		Top Side	824.2	0.141	-2.65	32.50	32.08	0.155	/
GSM1900	GPRS Data- 2 Slot	Back Side	1850.2	0.247	0.08	28.50	28.36	0.255	2
		Right Side	1850.2	0.103	-4.14	28.50	28.36	0.106	/
		Top Side	1850.2	0.168	0.06	28.50	28.36	0.174	/
WCDMA Band II	RMC	Back Side	1852.4	0.906	-2.85	24.00	23.54	1.007	3
		Back Side	1880	0.822	-1.85	24.00	23.27	0.972	/
		Back Side	1907.6	0.803	-1.36	24.00	23.18	0.970	/
		Right Side	1852.4	0.778	0.08	24.00	23.54	0.865	/
		Top Side	1852.4	0.858	-4.17	24.00	23.54	0.954	/
WCDMA Band V	RMC	Back Side	826.4	0.100	2.95	23.00	22.47	0.113	4
		Right Side	826.4	0.032	3.32	23.00	22.47	0.036	/
		Top Side	826.4	0.058	0.01	23.00	22.47	0.066	/
WCDMA Band IV	RMC	Back Side	1740	0.530	-4.12	23.00	22.56	0.587	5
		Right Side	1740	0.289	0.37	23.00	22.56	0.320	/
		Top Side	1740	0.441	0.09	23.00	22.56	0.488	/



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaled SAR (W/Kg)	Meas.No.
LTE Band 7	20M	QPSK	1	Mid	Back Side	2510.0	0.156	-3.95	22.50	22.21	0.167	6
			50	Mid	Back Side	2510.0	0.123	-4.12	21.50	21.05	0.136	/
			1	Mid	Right Side	2510.0	0.074	-4.03	22.50	22.21	0.079	/
			50	Mid	Right Side	2510.0	0.045	0.08	21.50	21.05	0.050	/
			1	Mid	Top Side	2510.0	0.103	-3.33	22.50	22.21	0.110	/
			50	Mid	Top Side	2510.0	0.086	0.06	21.50	21.05	0.095	/
LTE Band 12	10M	QPSK	1	Mid	Back Side	711.0	0.090	-4.15	24.50	24.05	0.100	7
			25	0	Back Side	704.0	0.075	0.08	23.50	23.02	0.084	/
			1	Mid	Right Side	711.0	0.041	-0.12	24.50	24.05	0.045	/
			25	0	Right Side	704.0	0.029	1.06	23.50	23.02	0.032	/
			1	Mid	Top Side	711.0	0.066	-0.07	24.50	24.05	0.073	/
			25	0	Top Side	704.0	0.051	4.15	23.50	23.02	0.057	/
LTE Band 13	10M	QPSK	1	Mid	Back Side	782.0	0.092	0.06	24.50	24.17	0.099	8
			25	Max	Back Side	782.0	0.078	-0.28	23.50	23.17	0.084	/
			1	Mid	Right Side	782.0	0.061	-0.09	24.50	24.17	0.066	/
			25	Max	Right Side	782.0	0.047	0.07	23.50	23.17	0.051	/
			1	Mid	Top Side	782.0	0.077	4.14	24.50	24.17	0.083	/
			25	Max	Top Side	782.0	0.065	-4.25	23.50	23.17	0.070	/
LTE Band 25	20M	QPSK	1	Mid	Back Side	1882.5	0.927	3.15	23.50	23.00	1.040	9
			50	0	Back Side	1860.0	0.722	1.05	22.00	21.91	0.737	/
			100	0	Back Side	1860.0	0.704	-2.85	22.00	21.83	0.732	/



			1	Mid	Right Side	1882.5	0.795	-2.22	23.50	23.00	0.892	/
			50	0	Right Side	1860.0	0.396	-1.36	22.00	21.91	0.404	/
			1	Mid	Top Side	1882.5	0.858	-0.07	23.50	23.00	0.963	/
			50	0	Top Side	1860.0	0.548	-4.21	22.00	21.91	0.559	/
LTE Band 26(814-824)	10M	QPSK	1	Mid	Back Side	819.0	0.136	-1.65	24.50	24.30	0.142	/
			25	Max	Back Side	819.0	0.109	3.25	23.50	23.35	0.113	/
			1	Mid	Right Side	819.0	0.082	-2.65	24.50	24.30	0.086	/
			25	Max	Right Side	819.0	0.059	2.15	23.50	23.35	0.061	/
			1	Mid	Top Side	819.0	0.108	-1.26	24.50	24.30	0.113	/
			25	Max	Top Side	819.0	0.085	1.63	23.50	23.35	0.088	/
LTE Band 26(824-849)	15M	QPSK	1	Mid	Back Side	841.5	0.153	0.02	24.50	24.41	0.156	10
			36	Max	Back Side	836.5	0.135	-1.33	23.50	23.22	0.144	/
			1	Mid	Right Side	841.5	0.106	-4.65	24.50	24.41	0.108	/
			36	Max	Right Side	836.5	0.079	2.89	23.50	23.22	0.084	/
			1	Mid	Top Side	841.5	0.142	-4.25	24.50	24.41	0.145	/
			36	Max	Top Side	836.5	0.118	0.01	23.50	23.22	0.126	/
LTE Band 41	20M	QPSK	1	Mid	Back Side	2680.0	0.080	-0.12	25.50	25.08	0.088	11
			50	0	Back Side	2680.0	0.069	-3.25	24.00	23.57	0.076	/
			1	Mid	Right Side	2680.0	0.049	-2.98	25.50	25.08	0.054	/
			50	0	Right Side	2680.0	0.022	-4.18	24.00	23.57	0.024	/
			1	Mid	Top Side	2680.0	0.071	-1.77	25.50	25.08	0.078	/
			50	0	Top Side	2680.0	0.056	2.63	24.00	23.57	0.062	/
	20M	QPSK	1	Mid	Back Side	1745.0	0.614	-0.02	24.00	23.97	0.618	12



LTE Band 66			50	0	Back Side	1745.0	0.569	-0.85	23.00	22.82	0.593	/
			1	Mid	Right Side	1745.0	0.521	0.04	24.00	23.97	0.525	/
			50	0	Right Side	1745.0	0.468	-3.47	23.00	22.82	0.488	/
			1	Mid	Top Side	1745.0	0.569	-4.52	24.00	23.97	0.573	/
			50	0	Top Side	1745.0	0.502	-1.11	23.00	22.82	0.523	/
LTE Band 71	20M	QPSK	1	Mid	Back Side	673.0	0.118	-3.65	24.00	23.67	0.127	13
			50	0	Back Side	673.0	0.102	2.09	23.00	22.78	0.107	
			1	Mid	Right Side	673.0	0.053	-4.58	24.00	23.67	0.057	
			50	0	Right Side	673.0	0.041	2.11	23.00	22.78	0.043	
			1	Mid	Top Side	673.0	0.089	-3.74	24.00	23.67	0.096	
			50	0	Top Side	673.0	0.063	-4.12	23.00	22.78	0.066	

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaled SAR (W/Kg)	Meas.No.
2.4GHz WLAN	802.11b	Back Side	2462	0.089	-3.64	7.00	6.52	0.099	/
		Left Side	2462	0.074	-4.58	7.00	6.52	0.083	/
	802.11n- HT20	Back Side	2412	0.117	-1.18	7.50	7.06	0.129	14
		Left Side	2412	0.103	-2.65	7.50	7.06	0.114	/
5.2GHz WLAN	802.11 ac- HT80	Back Side	5210	0.193	-2.98	7.00	6.87	0.199	15
		Left Side	5210	0.148	3.15	7.00	6.87	0.152	/
5.3GHz WLAN	802.11 a20	Back Side	5260	0.215	0.02	7.50	7.01	0.241	16
		Left Side	5260	0.154	-0.16	7.50	7.01	0.172	/
5.6GHz WLAN	802.11 n- HT40	Back Side	5670	0.240	0.07	7.50	7.22	0.256	17
		Left Side	5670	0.188	4.18	7.50	7.22	0.201	/
5.8GHz WLAN	802.11 ac- HT40	Back Side	5755	0.225	-3.36	7.50	7.22	0.240	18
		Left Side	5755	0.168	-0.12	7.50	7.22	0.179	/

Note:

- The test separation of all above Tablet PC is 0mm.
- Per KDB 447498 D04, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - Scaled SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
- Per KDB 248227- 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. (The highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power was **0.106** W/Kg for Body)
- When the user enables the personal Wireless router functions for the handsets, actual operations



include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "PorTablet PC Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.

12.3 Repeated SAR

Band	Mod.	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaled SAR(W/Kg)	Meas. No.
WCDMA Band II	RMC	Back Side	1852.4	0.896	2.18	24.00	23.54	0.996	-

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaled SAR(W/Kg)	Meas. No.
LTE Band 25	20M	QPSK	1	Mid	Back Side	1882.5	0.918	-3.26	23.50	23.00	1.030	-

12.4 Repeated SAR measurement

Band	Mod.	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio	Original Measured	2nd Repeated SAR 1g	Ratio
WCDMA Band II	RMC	Back Side	1852.4	1.007	0.996	1.011	-	-	-

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio	Original Measured	2nd Repeated SAR 1g	Ratio
LTE Band 25	20M	QPSK	1	Mid	Back Side	1882.5	1.040	1.030	1.010	-	-	-

Note:

1. Per KDB 447498 D04, for each frequency band, repeated SAR measurement is required only when the measured SAR is $\geq 0.8\text{W/Kg}$.
2. Per 447498 D04, if the ratio of largest to smallest SAR for the original and first repeated measurement is ≤ 1.2 and the measured SAR $< 1.45\text{W/Kg}$, only one repeated measurement is required.
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 $\geq 1.45\text{W/Kg}$.
4. The ratio is the difference in percentage between original and repeated measured SAR.



12.5 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Body	1. GSM + 2.4GHz WLAN/5G WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN/5G WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN/5G WLAN
	6. LTE + Bluetooth

NOTE:

1. Bluetooth and WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion: a) (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f (GHz) /x] W/kg for test separation distances ≤ 50 mm; Where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR. b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is >50mm.

Estimated SAR		Maximum Average Power		Dis.	Frequency(GHz)	Stand alone SAR(1&10g) [W/kg]
		dBm	mW			
BT	Body	4.00	2.512	5	2.441	0.105



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Body	GSM	0.255	0.384
		2.4G WLAN	0.129	
GSM + Bluetooth	Body	GSM	0.255	0.360
		Bluetooth	0.105	
GSM + 5G WLAN	Body	GSM	0.255	0.511
		5G WLAN	0.256	
WCDMA + 2.4G WLAN	Body	WCDMA	1.007	1.136
		2.4G WLAN	0.129	
WCDMA + Bluetooth	Body	WCDMA	1.007	1.112
		Bluetooth	0.105	
WCDMA + 5G WLAN	Body	WCDMA	1.007	1.263
		5G WLAN	0.256	
LTE + 2.4G WLAN	Body	LTE	1.040	1.169
		2.4G WLAN	0.129	
LTE + Bluetooth	Body	LTE	1.040	1.145
		Bluetooth	0.105	
LTE + 5G WLAN	Body	LTE	1.040	1.296
		5G WLAN	0.256	

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
SAR Test System	SATIMO	N/A	V5.3.15.11	N/A	N/A
750MHz Dipole	MVG	SID750	SN 30/14 DIP0G750-331	2023.07.04	2026.07.03
835MHz Dipole	MVG	SID835	SN 30/14 DIP0G835-332	2023.07.04	2026.07.03
1800MHz Dipole	MVG	SID1800	5023-DIP1G800-747	2023.12.20	2026.12.19
1900MHz Dipole	MVG	SID1900	SN 30/14 DIP1G900-333	2023.09.14	2026.09.13
2450MHz Dipole	MVG	SID2450	SN 30/14 DIP2G450-335	2023.07.04	2026.07.03
2600MHz Dipole	MVG	SID2600	SN 30/14 DIP2G600-336	2023.07.04	2026.07.03
Waveguide	MVG	SWG5500	SN 13/14 WGA32	2023.07.04	2026.07.03
E-Field Probe	MVG	SSE2	SN 08/21 EPG0352	2025.09.15	2026.09.14
Dielectric Probe Kit	MVG	SCLMP	SN 32/14 OCPG67	2025.09.15	2026.09.14
Antenna	MVG	ANTA3	SN 07/13 ZNTA52	N/A	N/A
Phantom1	MVG	SAM	SN 32/14 SAM115	N/A	N/A
Phantom3	MVG	SAM	SN 21/21 ELLI48	N/A	N/A
Phone holder	MVG	N/A	SN 32/14 MSH97	N/A	N/A
Laptop holder	MVG	N/A	SN 32/14 LSH29	N/A	N/A
Attenuator	Agilent	HXT-10-8-SMA	240327017	2026.02.04	2027.02.03
Directional coupler	Xi'an Xingbo	XBOH-OA08-20dB	211123-4-3	2026.02.03	2027.02.02
Network Analyzer	Agilent	E5071C	MY46520378	2025-09-26	2026-09-24
Multi Meter	Keithley	Multi Meter 2000	4050073	2025-09-22	2026-09-21
Signal Generator	Agilent	N5182A	MY50140530	2025-09-26	2026-09-25
Wireless Communication Test Set	Agilent	8960-E5515C	MY48360751	2026.02.04	2027.02.03
Wireless Communication Test Set	R&S	CMW500	156324	2025-09-25	2026-09-24
Power Amplifier	DESAY	WCS-DLNA50M8G50G1	CSKJLNA231227A	2025-09-29	2026-09-28
Power Meter	R&S	NRP	100510	2025-09-25	2026-09-24
Power Sensor	R&S	NRP-Z11	101919	2025-09-25	2026-09-24
Power Sensor	Keysight	U2021XA	MY56280002	2025-09-25	2026-09-24
Temperature hygrometer	TOPRIE	TP502V4-P	6700000124198	2025.10.09	2026.10.08
Thermograph	Elitech	RC-4	S/N EF7176501537	2025.10.17	2026.10.16

Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

Area scan resolution: dx=15mm, dy=15mm

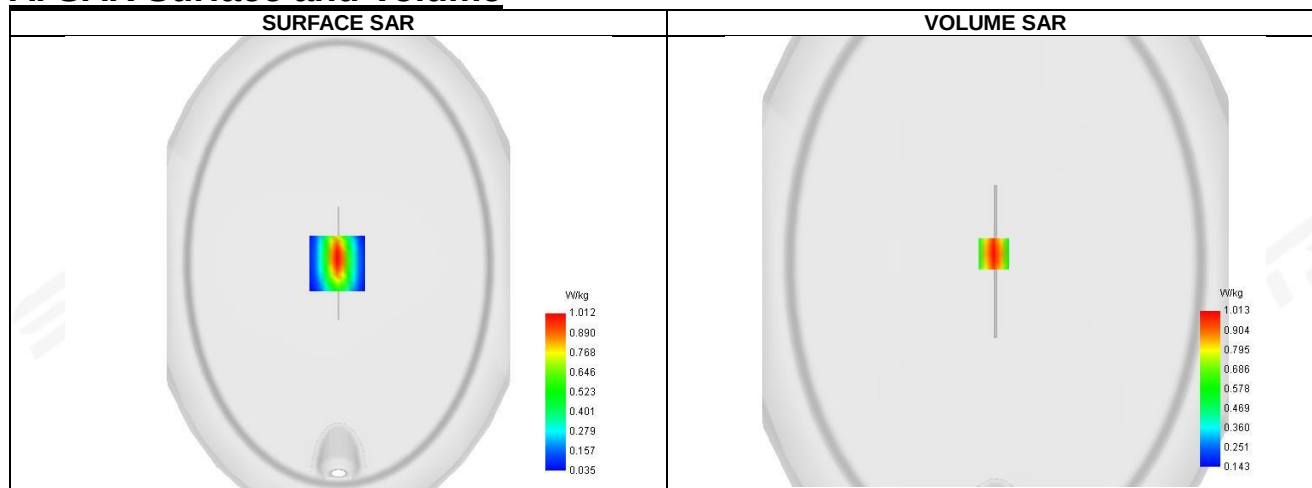
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2026-06-04

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW
Frequency (MHz)	750MHz
Relative permittivity	41.96
Conductivity (S/m)	0.85
Probe	SN 08/21 EPGO352
ConvF	1.51
Crest factor	1:1

A. SAR Surface and Volume



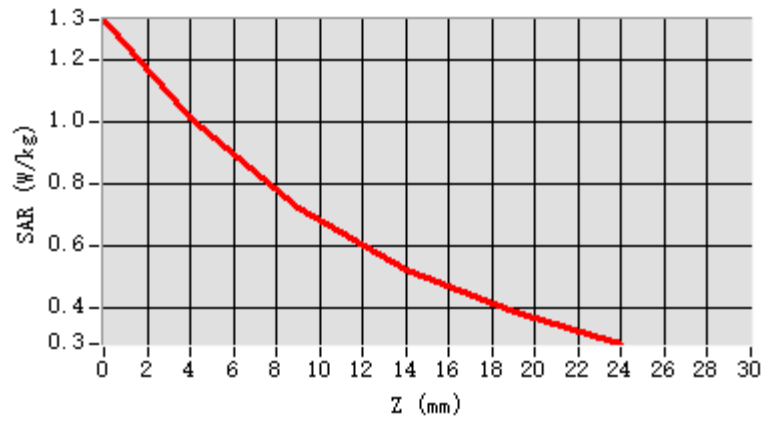
Maximum location: X=-2.00, Y=8.00 ; SAR Peak: 1.33 W/kg

B. SAR 1g & 10g

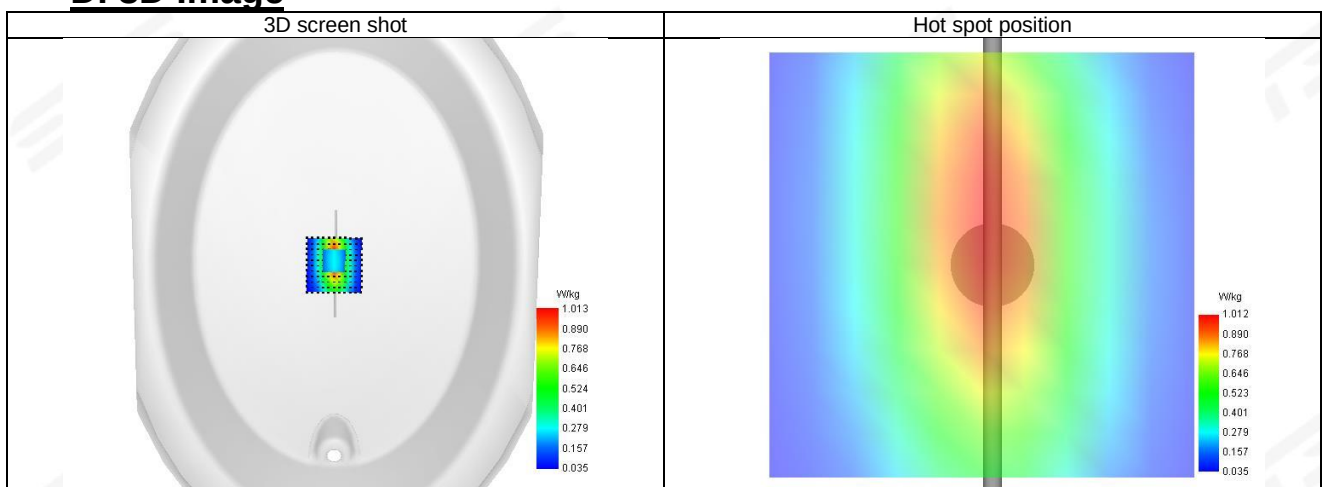
SAR 10g (W/Kg)	0.574
SAR 1g (W/Kg)	0.856
Horizontal validation criteria: minimum distance (mm)	12.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.769784

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.327	1.013	0.723	0.524	0.387



D. 3D Image



**System Performance Check Data (835MHz)**

Type: Phone measurement (Complete)

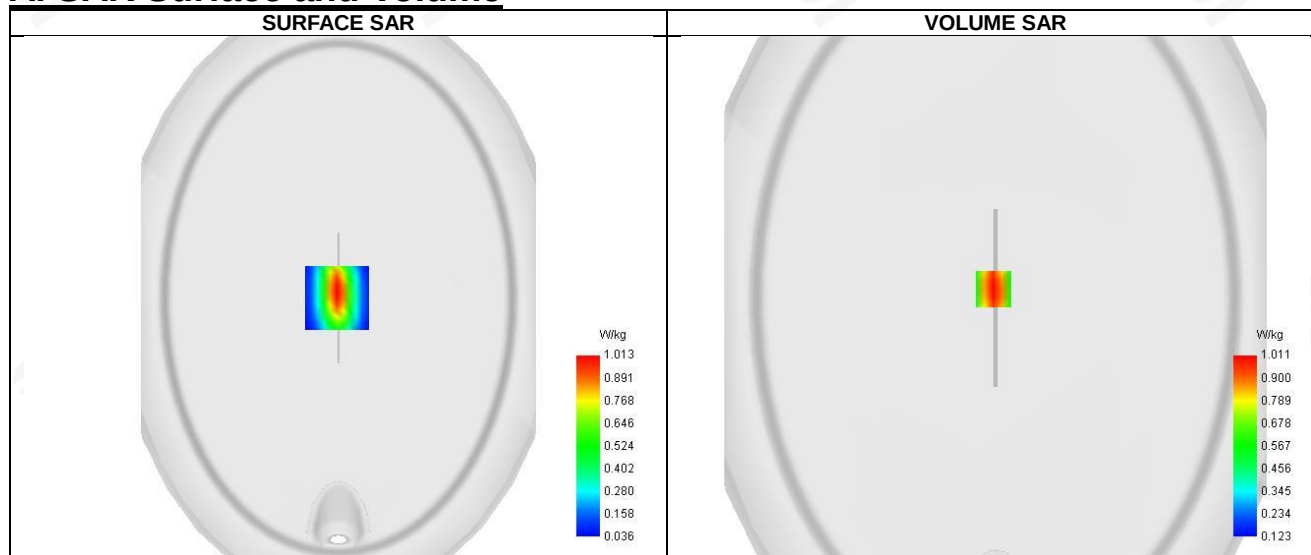
Area scan resolution: dx=15mm, dy=15mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2026-06-04

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW
Frequency (MHz)	835MHz
Relative permittivity	43.02
Conductivity (S/m)	0.92
Probe	SN 08/21 EPGO352
ConvF	1.49
Crest factor:	1:1

A. SAR Surface and Volume

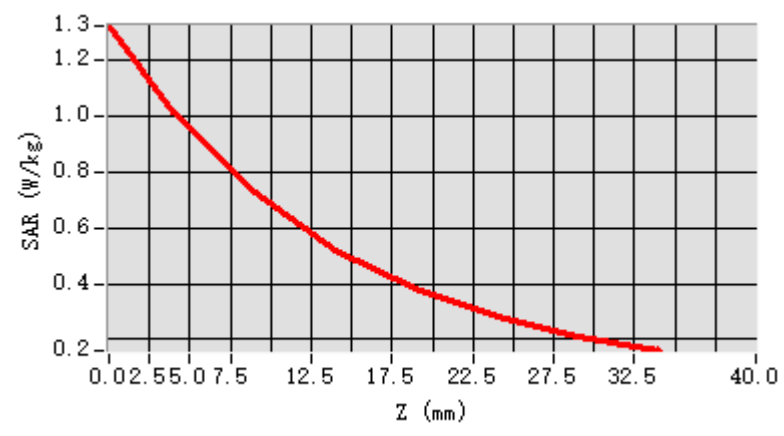
Maximum location: X=-2.00, Y=8.00 ; SAR Peak: 1.32 W/kg

B. SAR 1g & 10g

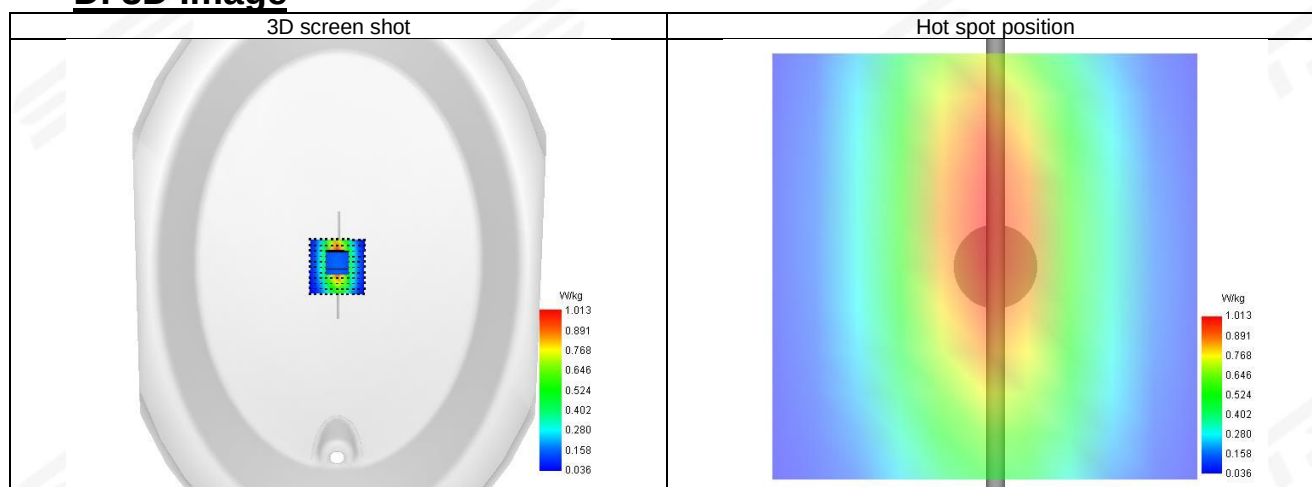
SAR 10g (W/Kg)	0.641
SAR 1g (W/Kg)	0.947
Horizontal validation criteria: minimum distance (mm)	12.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.276541

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.321	1.011	0.724	0.521	0.381	0.284	0.213



D. 3D Image



**System Performance Check Data(1800MHz)**

Type: Phone measurement (Complete)

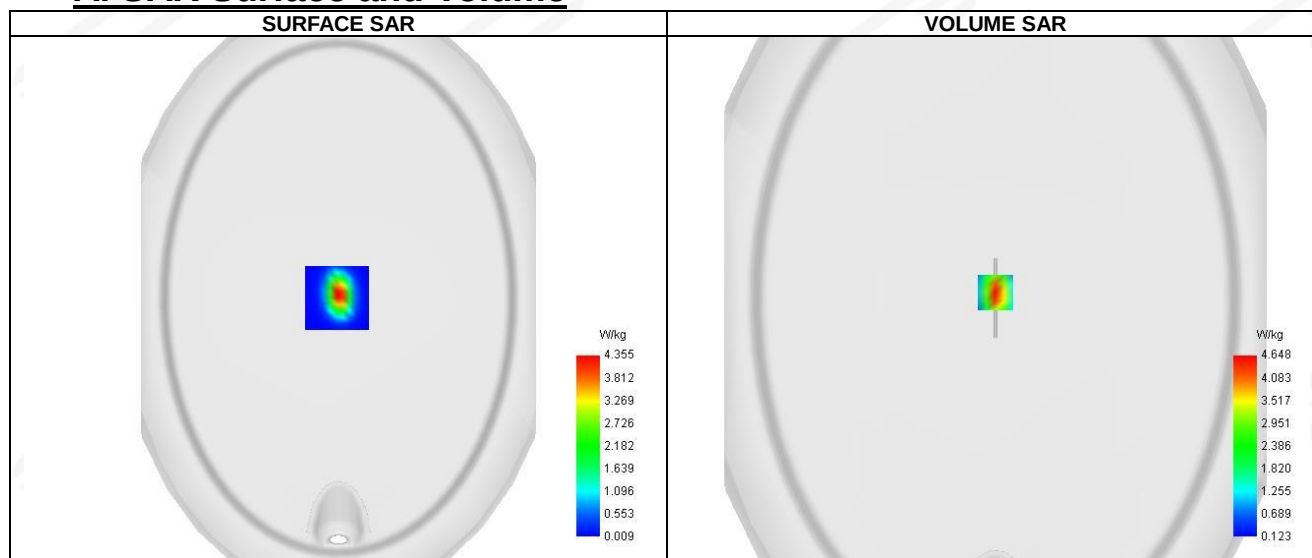
Area scan resolution: dx=15mm, dy=15mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2026-06-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1800MHz
Relative permittivity	40.41
Conductivity (S/m)	1.43
Probe	SN 08/21 EPGO352
ConvF	1.54
Crest factor:	1:1

A. SAR Surface and Volume

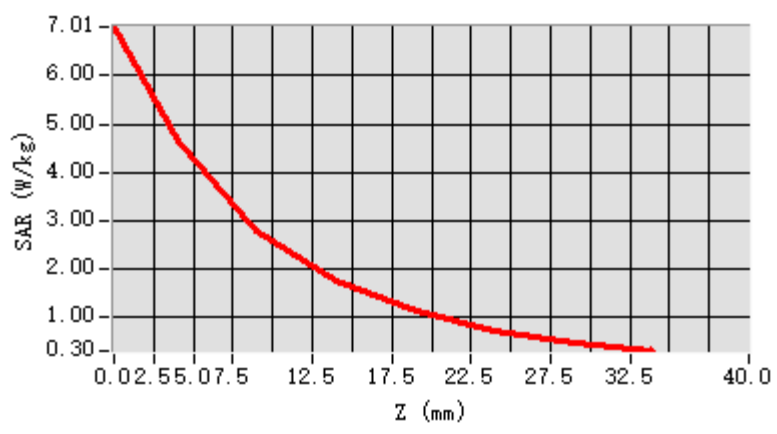
Maximum location: X=0.00, Y=5.00 ; SAR Peak: 7.02 W/kg

B. SAR 1g & 10g

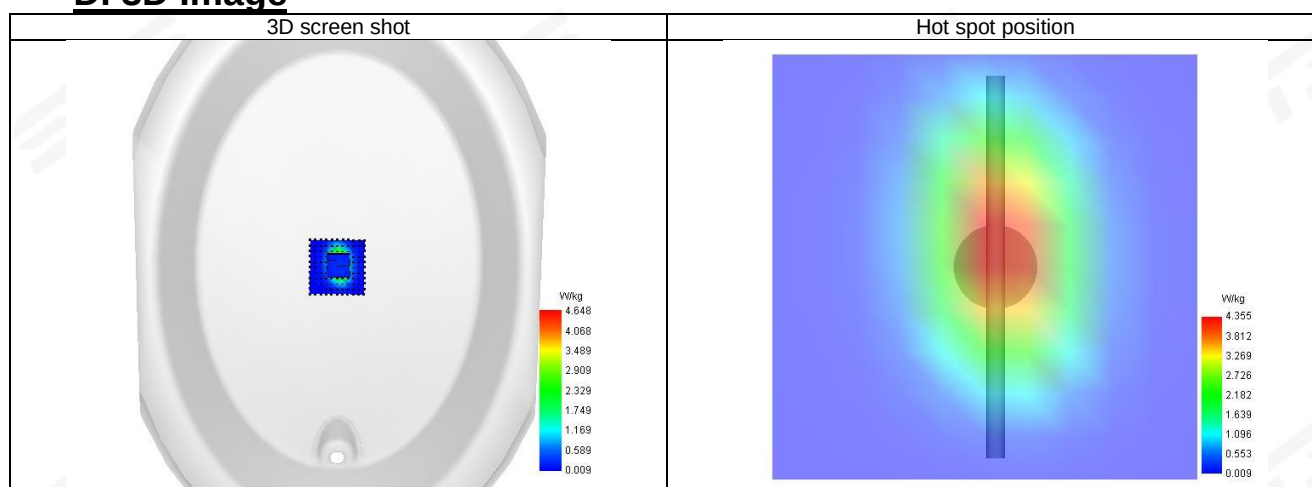
SAR 10g (W/Kg)	2.155
SAR 1g (W/Kg)	3.854
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.760137

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	7.010	4.648	2.778	1.743	1.112	0.711	0.459



D. 3D Image



**System Performance Check Data (1900MHz)**

Type: Phone measurement (Complete)

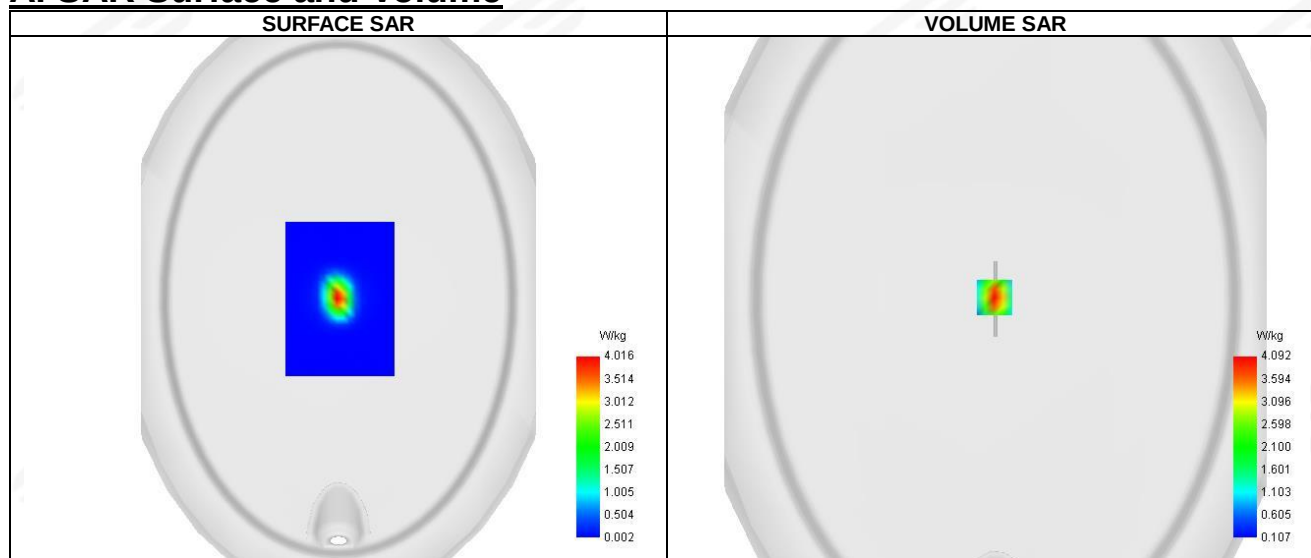
Area scan resolution: dx=15mm, dy=15mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2026-06-05

Experimental conditions.

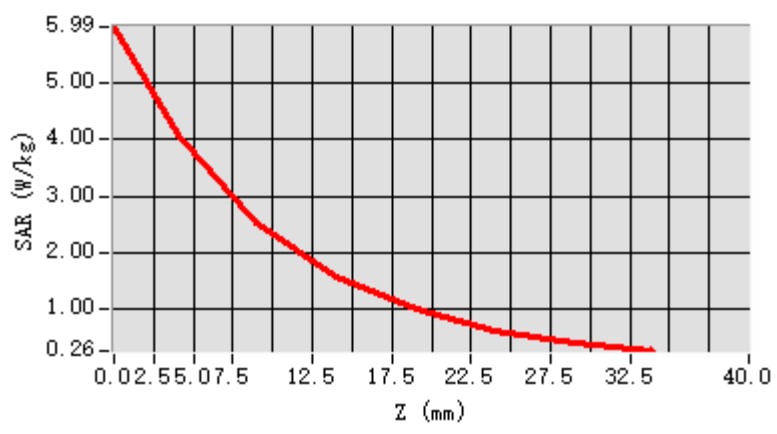
Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1900MHz
Relative permittivity	40.18
Conductivity (S/m)	1.42
Probe	SN 08/21 EPGO352
ConvF	1.73
Crest factor:	1:1

A. SAR Surface and Volume**B. SAR 1g & 10g**

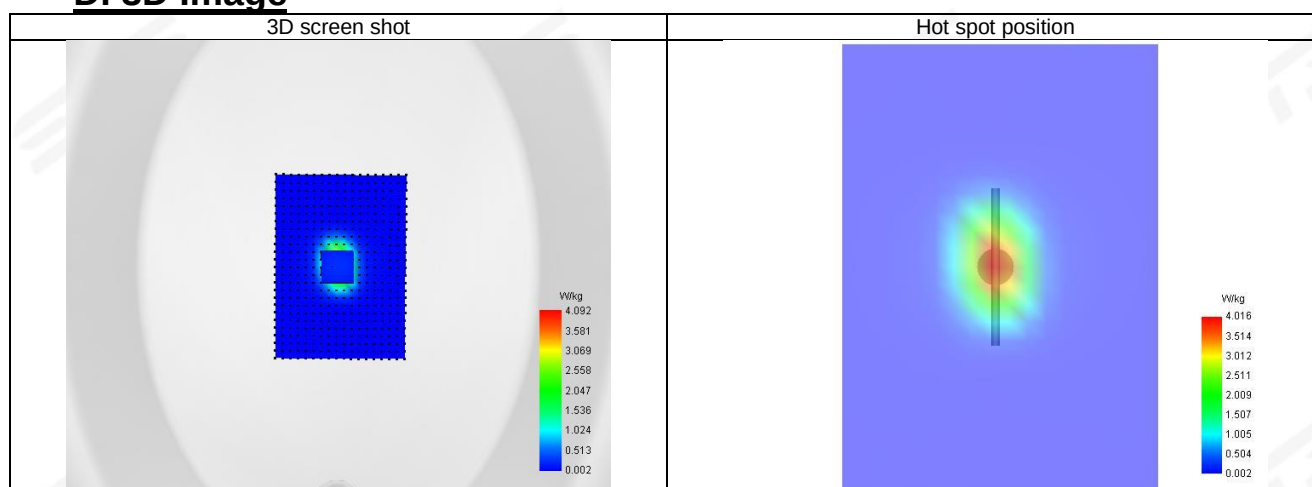
SAR 10g (W/Kg)	2.175
SAR 1g (W/Kg)	3.887
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.884367

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.990	4.092	2.532	1.568	1.008	0.633	0.398



D. 3D Image



**System Performance Check Data (2450MHz)**

Type: Phone measurement (Complete)

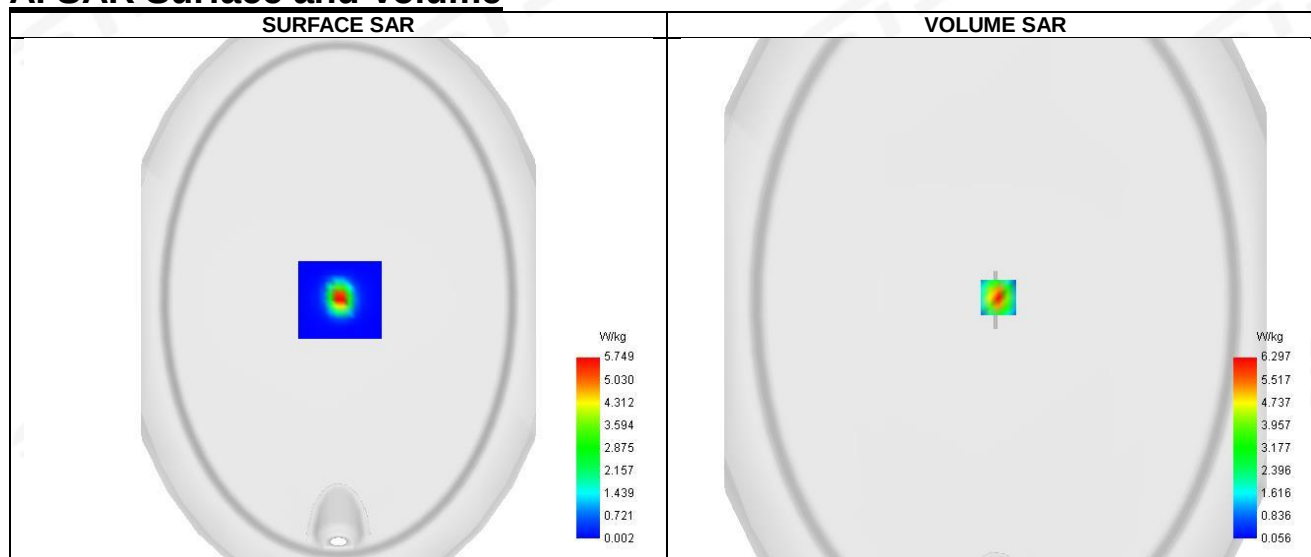
Area scan resolution: dx=12mm, dy=12mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2026-06-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.55
Conductivity (S/m)	1.77
Probe	SN 08/21 EPG0352
ConvF	1.82
Crest factor:	1:1

A. SAR Surface and Volume

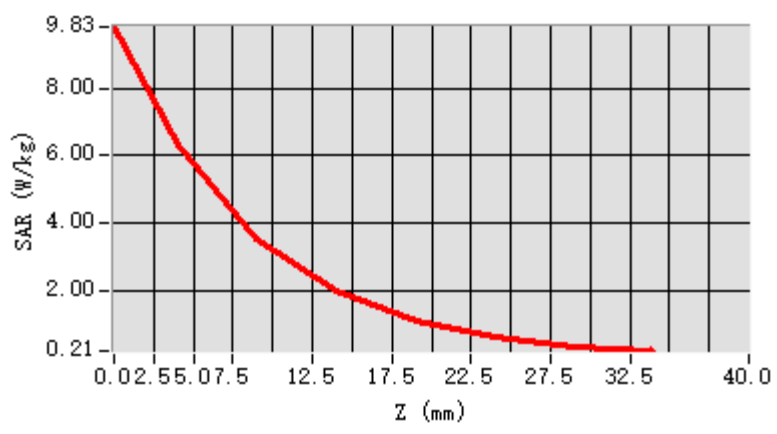
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 9.80 W/kg

B. SAR 1g & 10g

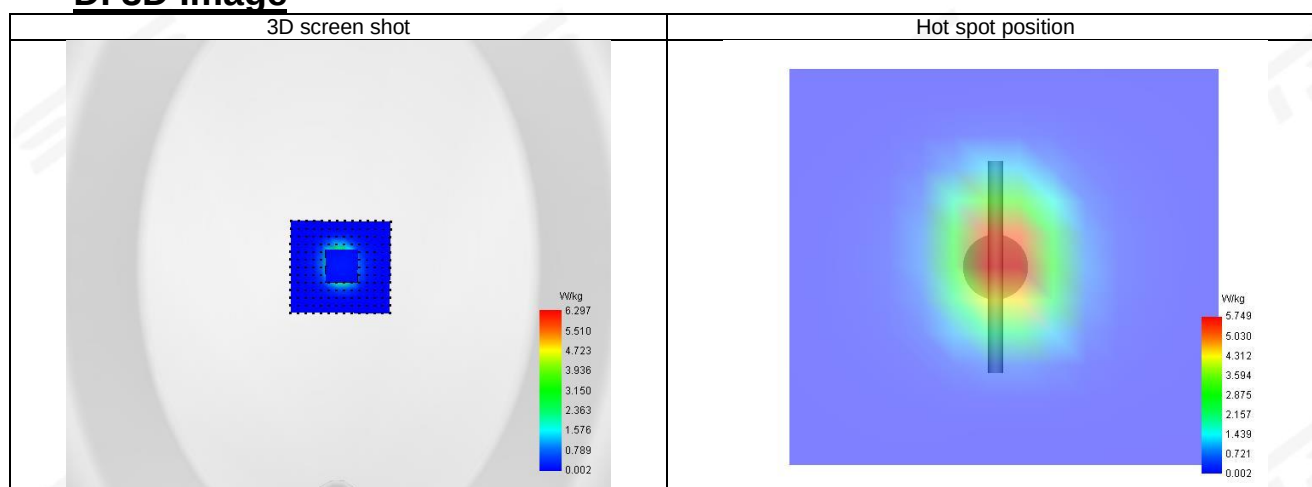
SAR 10g (W/Kg)	2.584
SAR 1g (W/Kg)	5.563
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.811445

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.826	6.297	3.514	1.966	1.116	0.627	0.353



D. 3D Image



**System Performance Check Data(2600MHz)**

Type: Phone measurement (Complete)

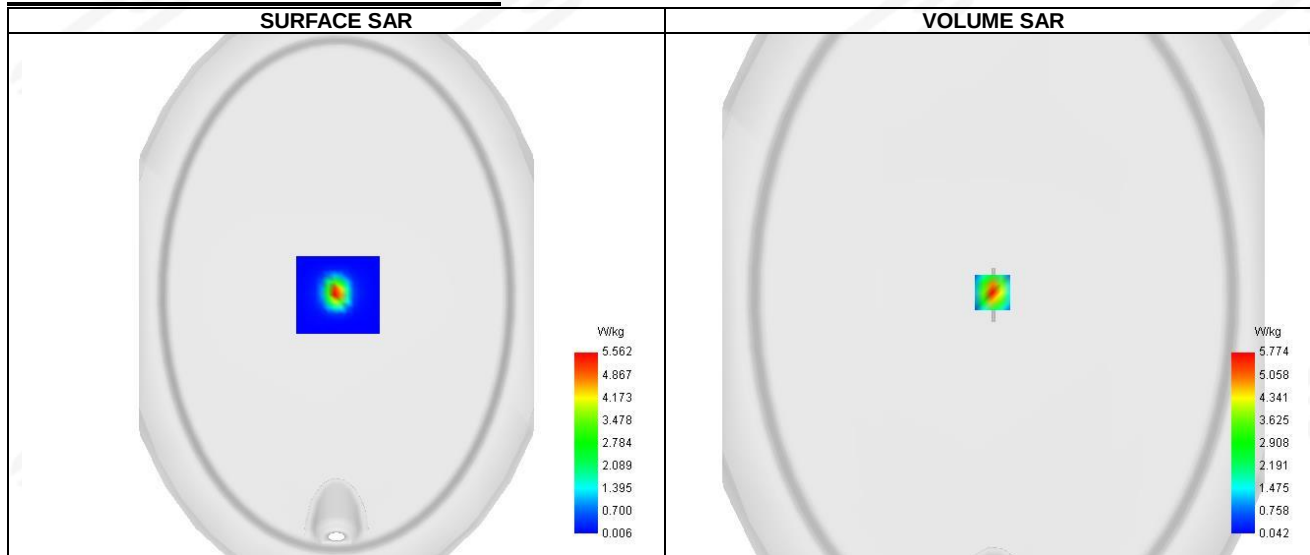
Area scan resolution: dx=12mm,dy=12mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2026-06-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2600
Relative permittivity	40.72
Conductivity (S/m)	2.01
Probe	SN 08/21 EPGO352
ConvF	1.70
Crest factor:	1:1

A. SAR Surface and Volume

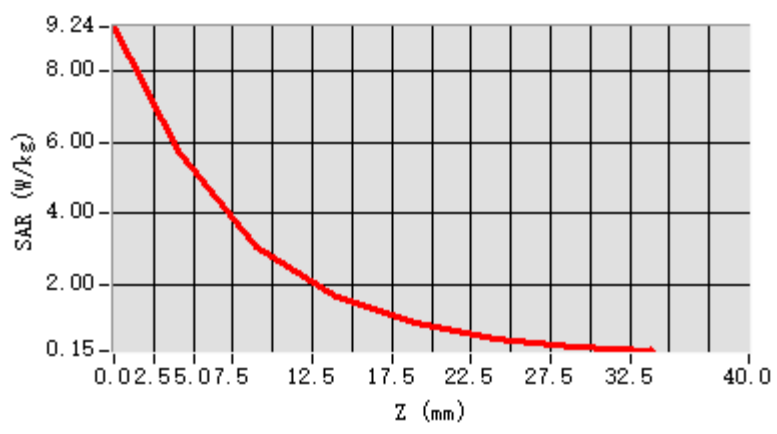
Maximum location: X=-1.00, Y=2.00 ; SAR Peak: 9.22 W/kg

B. SAR 1g & 10g

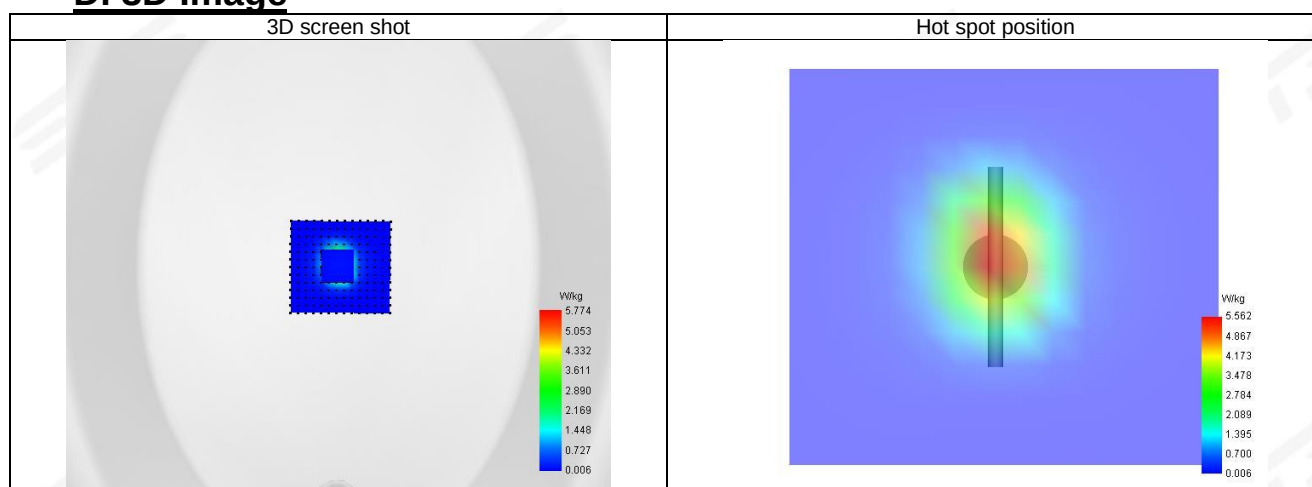
SAR 10g (W/Kg)	2.556
SAR 1g (W/Kg)	5.589
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	53.609843

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.241	5.774	3.096	1.691	0.917	0.497	0.269



D. 3D Image



**System Performance Check Data (5200MHz)**

Type: Dipole measurement (Complete)

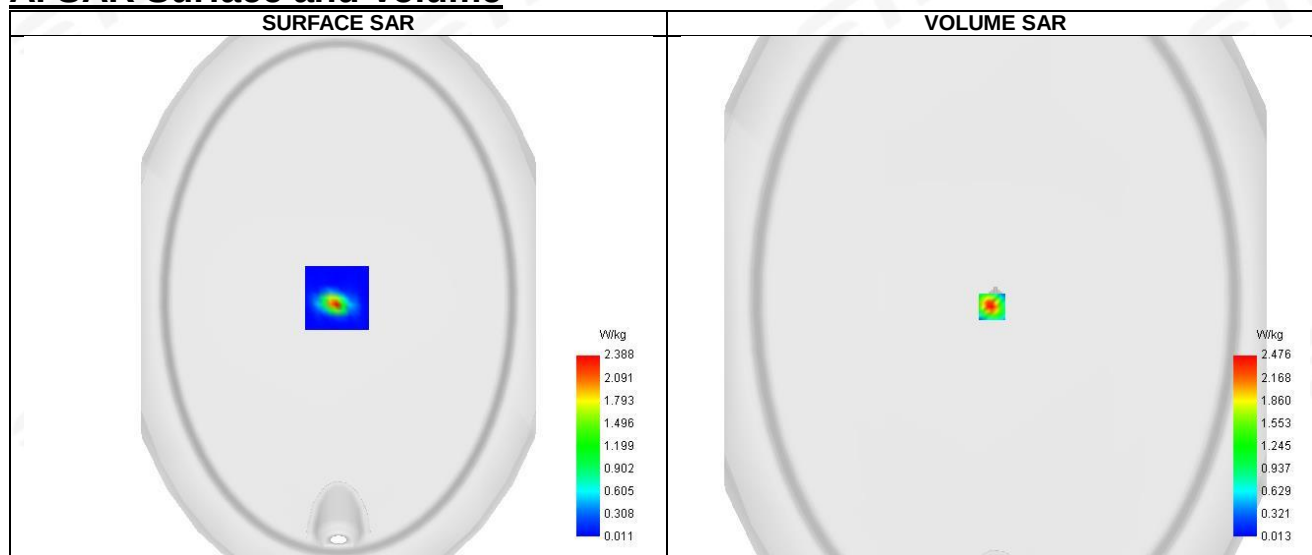
Area scan resolution: dx=10mm,dy=10mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-06-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5200MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5200
Relative permittivity	36.88
Conductivity (S/m)	4.64
Probe	SN 08/21 EPGO352
ConvF	1.37
Crest factor:	1:1

A. SAR Surface and Volume

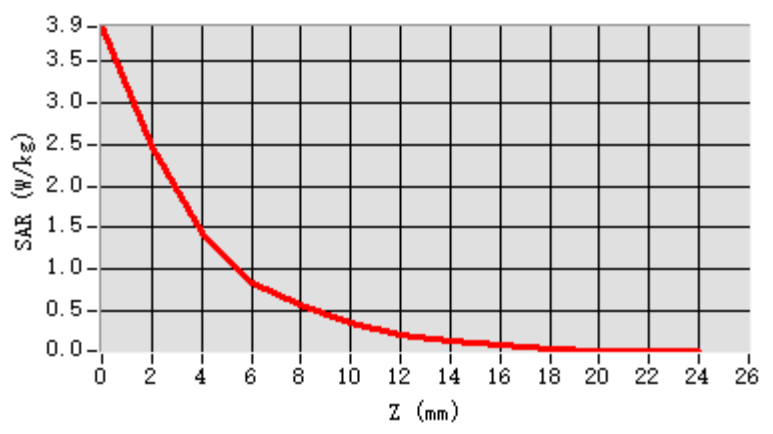
Maximum location: X=-3.00, Y=-8.00 ; SAR Peak: 4.16 W/kg

B. SAR 1g & 10g

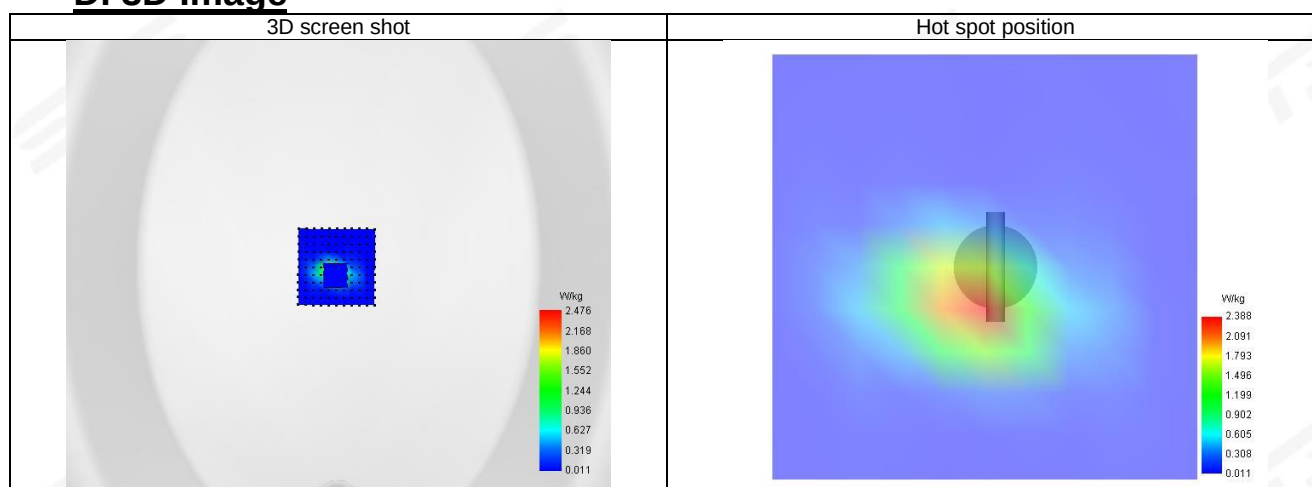
SAR 10g (W/Kg)	0.769
SAR 1g (W/Kg)	1.560
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	57.858396

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	3.914	2.476	1.433	0.826	0.562	0.347	0.215	0.133	0.082	0.051	0.031	0.019



D. 3D Image



**System Performance Check Data (5300MHz)**

Type: Dipole measurement (Complete)

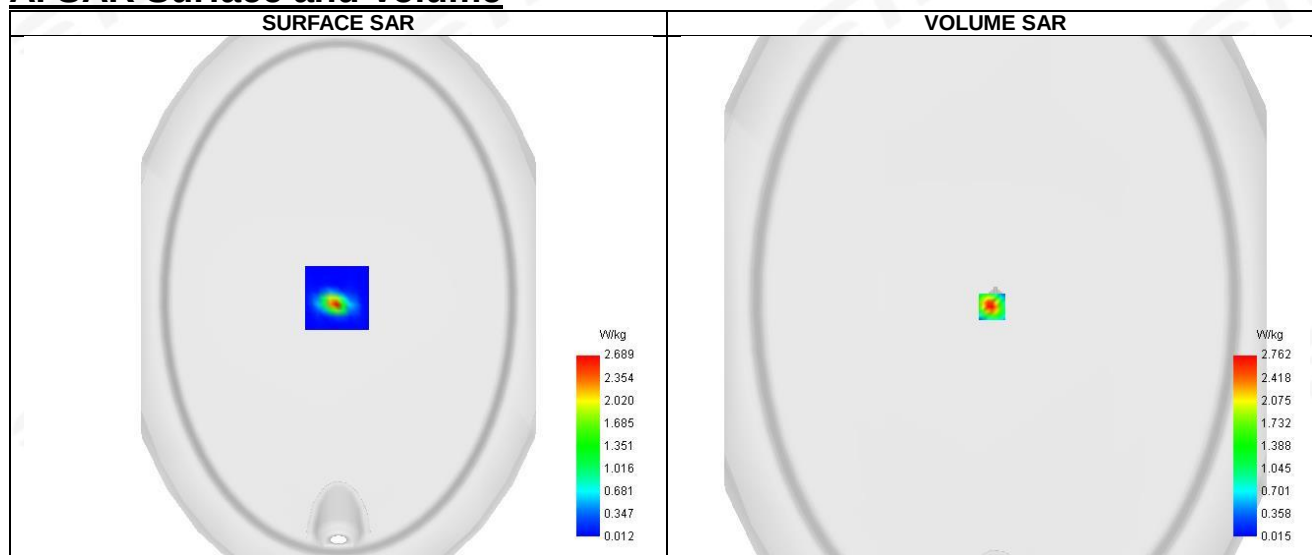
Area scan resolution: dx=10mm,dy=10mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-06-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5300MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5300
Relative permittivity	36.51
Conductivity (S/m)	4.78
Probe	SN 08/21 EPGO352
ConvF	1.26
Crest factor:	1:1

A. SAR Surface and Volume

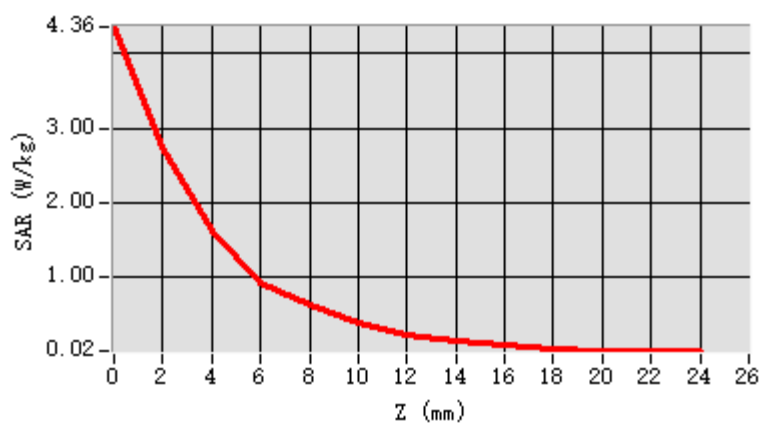
Maximum location: X=-3.00, Y=-8.00 ; SAR Peak: 4.63 W/kg

B. SAR 1g & 10g

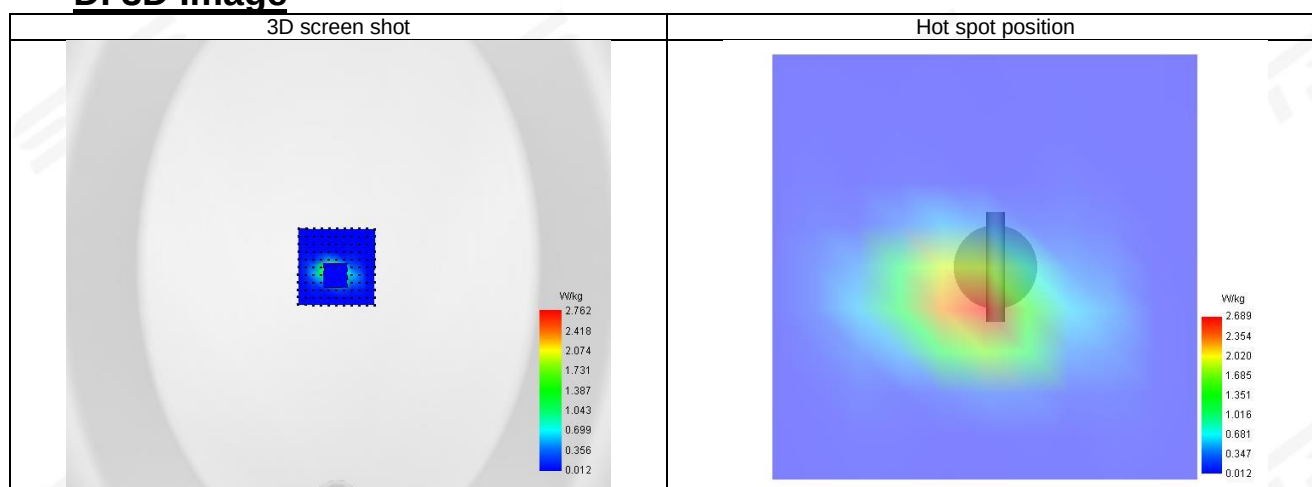
SAR 10g (W/Kg)	0.632
SAR 1g (W/Kg)	1.663
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	58.585391

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	4.357	2.762	1.618	0.927	0.623	0.384	0.236	0.145	0.089	0.055	0.034	0.021



D. 3D Image



**System Performance Check Data (5600MHz)**

Type: Dipole measurement (Complete)

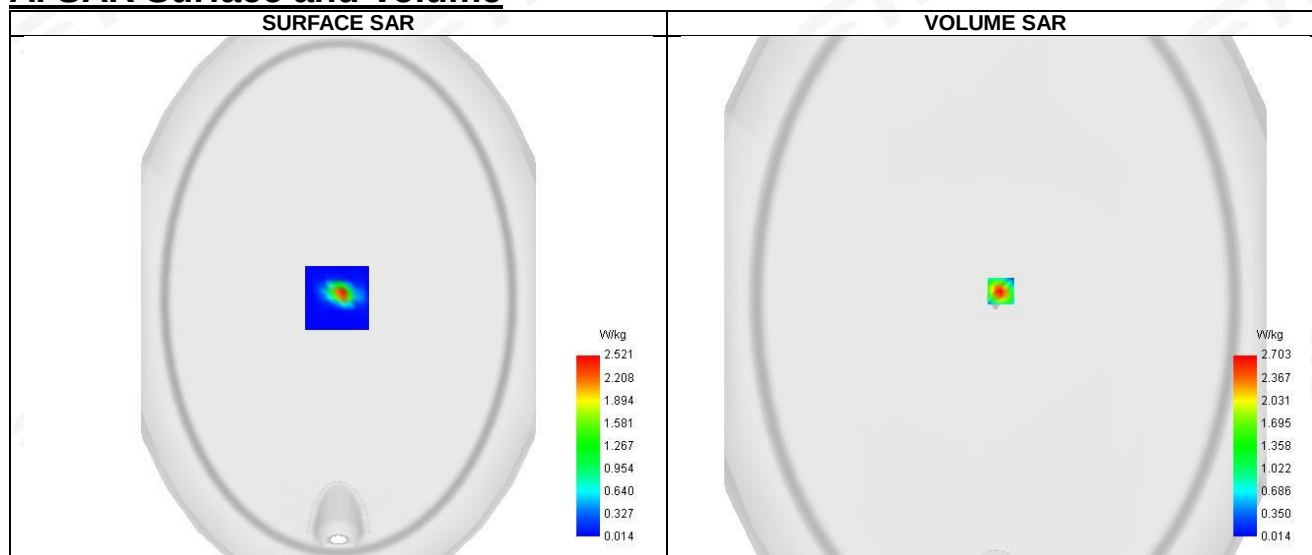
Area scan resolution: dx=10mm,dy=10mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-06-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5600
Relative permittivity	36.11
Conductivity (S/m)	5.01
Probe	SN 08/21 EPGO352
ConvF	1.21
Crest factor:	1:1

A. SAR Surface and Volume

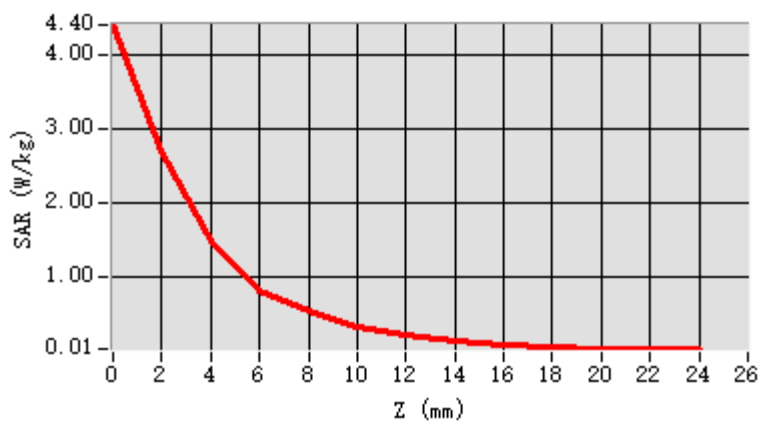
Maximum location: X=5.00, Y=6.00 ; SAR Peak: 4.74 W/kg

B. SAR 1g & 10g

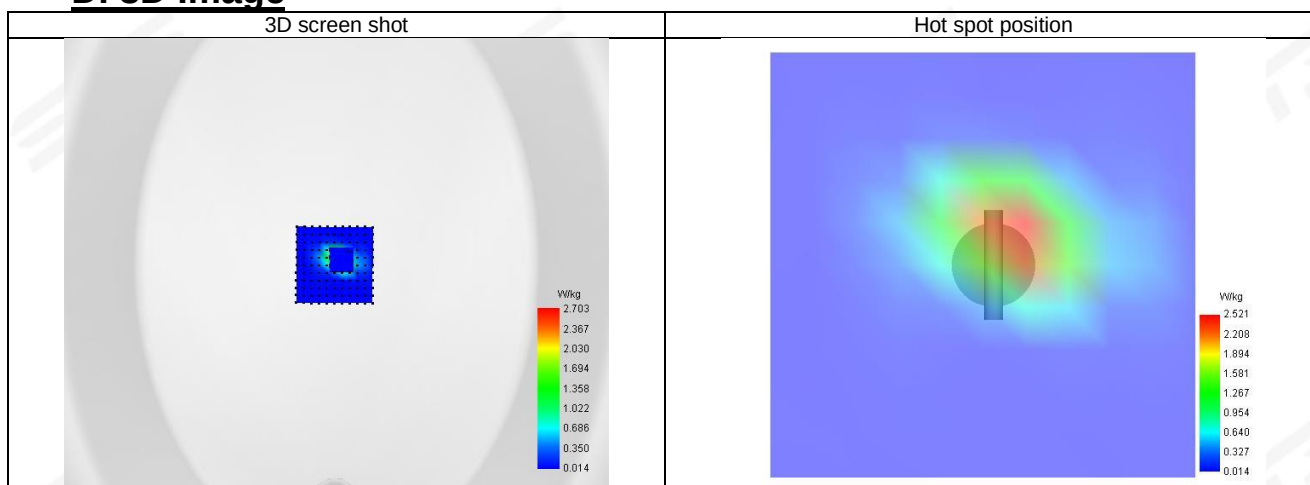
SAR 10g (W/Kg)	0.624
SAR 1g (W/Kg)	1.777
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	55.123646

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	4.401	2.703	1.490	0.795	0.541	0.321	0.191	0.113	0.067	0.040	0.024	0.014



D. 3D Image



**System Performance Check Data (5800MHz)**

Type: Dipole measurement (Complete)

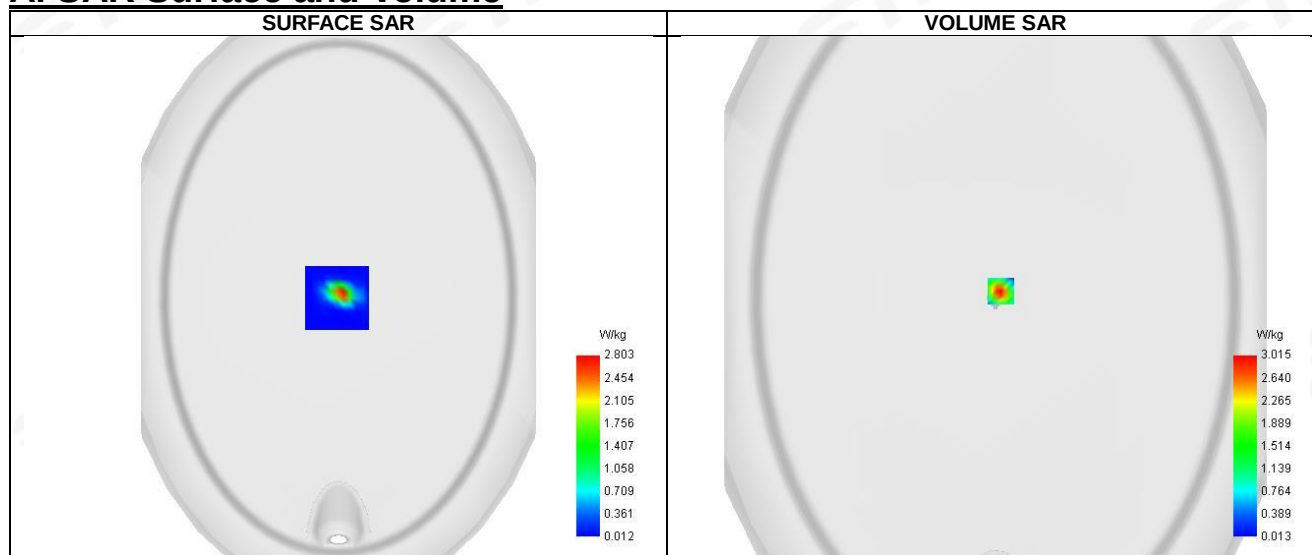
Area scan resolution: dx=10mm,dy=10mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-06-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5800
Relative permittivity	35.96
Conductivity (S/m)	5.33
Probe	SN 08/21 EPGO352
ConvF	1.32
Crest factor:	1:1

A. SAR Surface and Volume

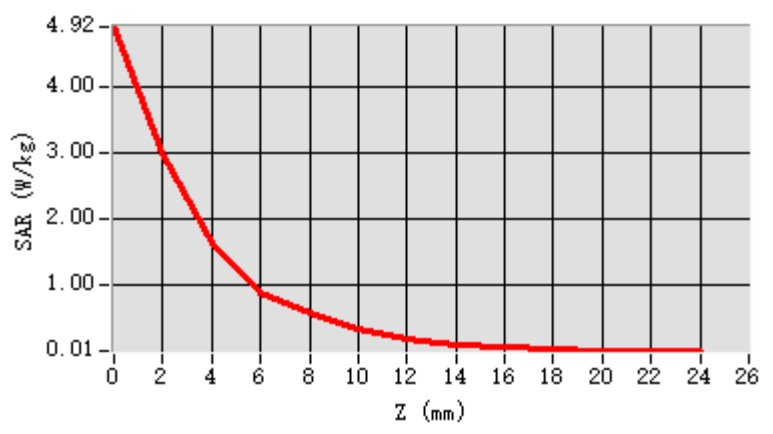
Maximum location: X=5.00, Y=6.00 ; SAR Peak: 5.31 W/kg

B. SAR 1g & 10g

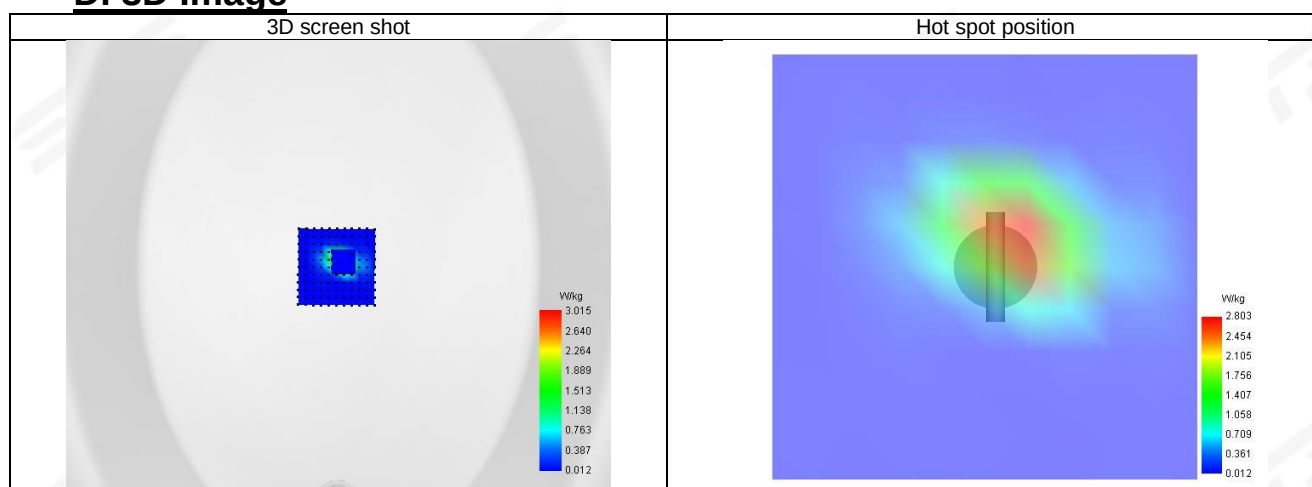
SAR 10g (W/Kg)	0.748
SAR 1g (W/Kg)	1.878
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	54.604644

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	4.918	3.015	1.646	0.886	0.586	0.344	0.202	0.119	0.070	0.041	0.024	0.014

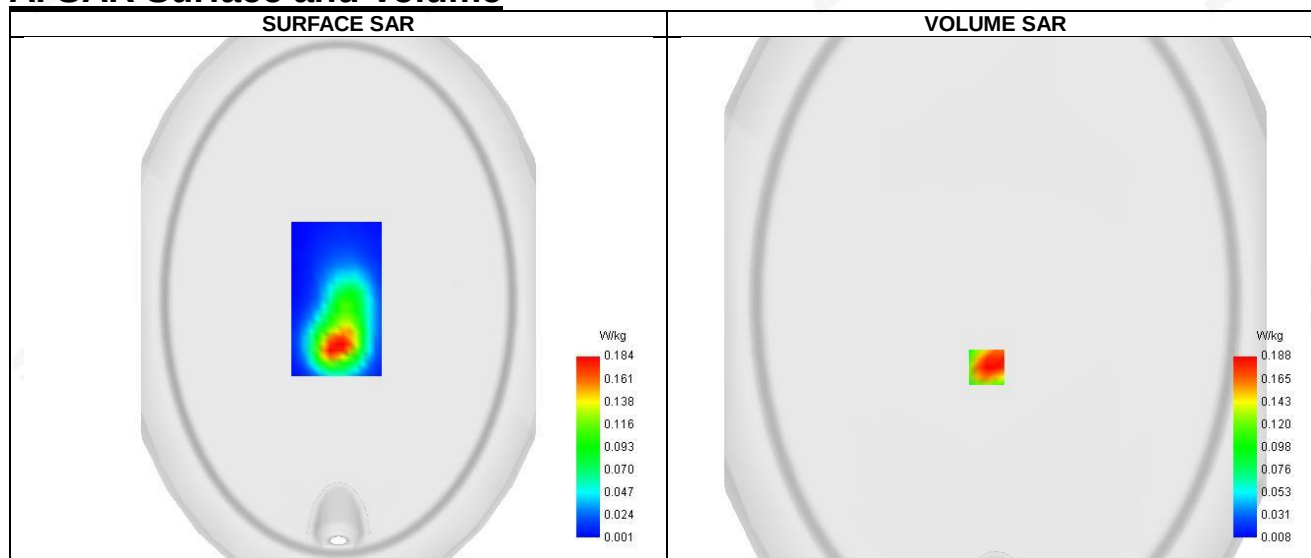


D. 3D Image



**Appendix B. SAR Test Plots**Plot 1: DUT: Tablet PC; EUT Model: G17

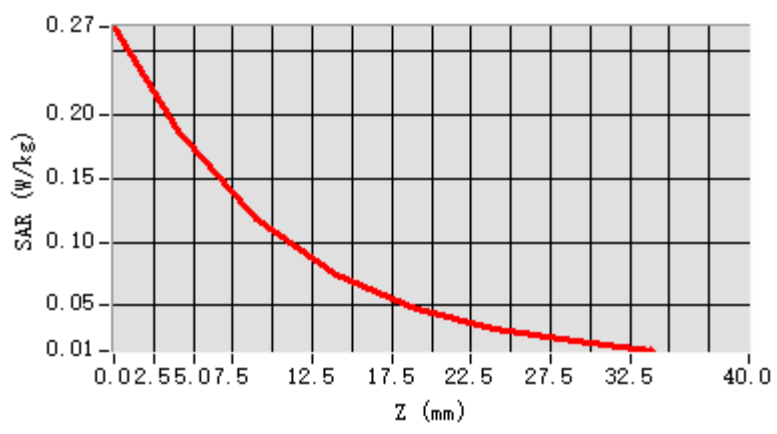
Test Date	2026-06-04
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	824.2
Relative permittivity (real part)	42.01
Conductivity (S/m)	0.91

A. SAR Surface and Volume**B. SAR 1g & 10g**

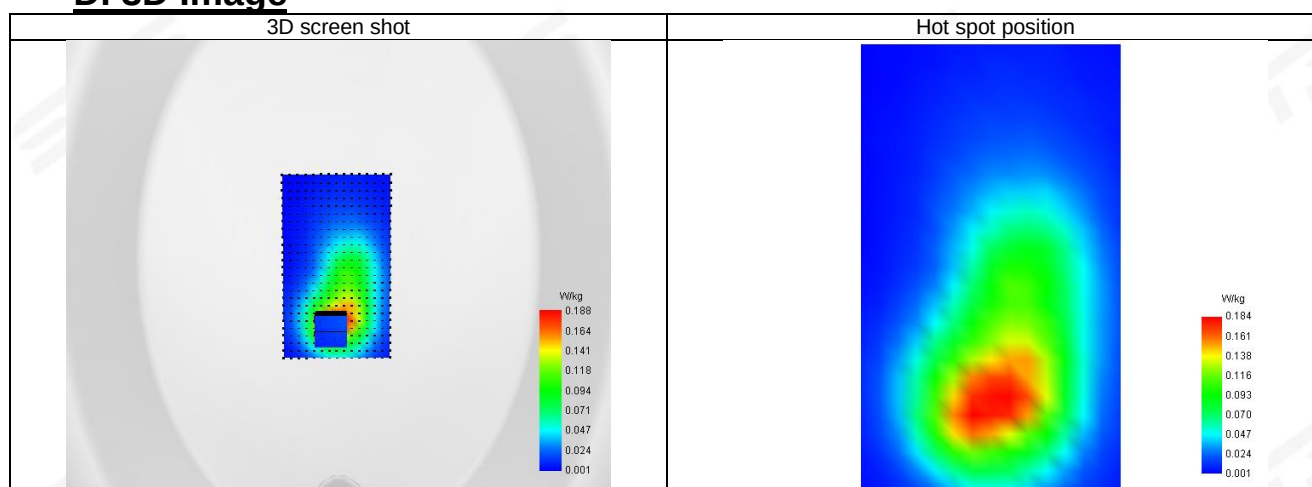
SAR 10g (W/Kg)	0.100
SAR 1g (W/Kg)	0.182
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.931439

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.269	0.188	0.118	0.074	0.048	0.032	0.022

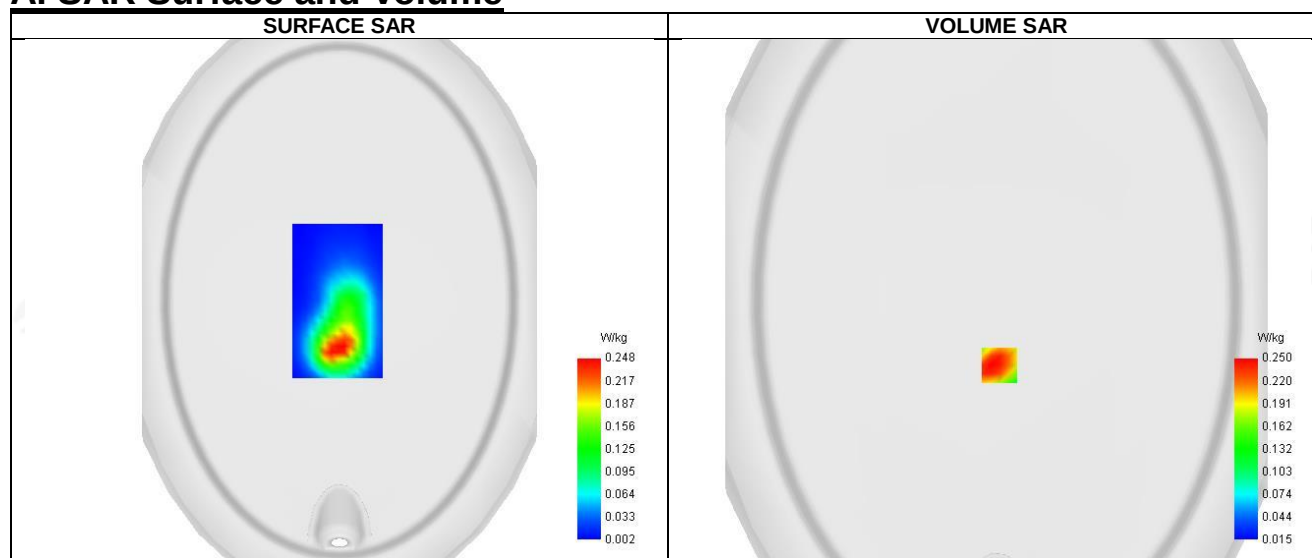


D. 3D Image



**Plot 2: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-05
ConvF	1.73
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.56
Conductivity (S/m)	1.39

A. SAR Surface and Volume

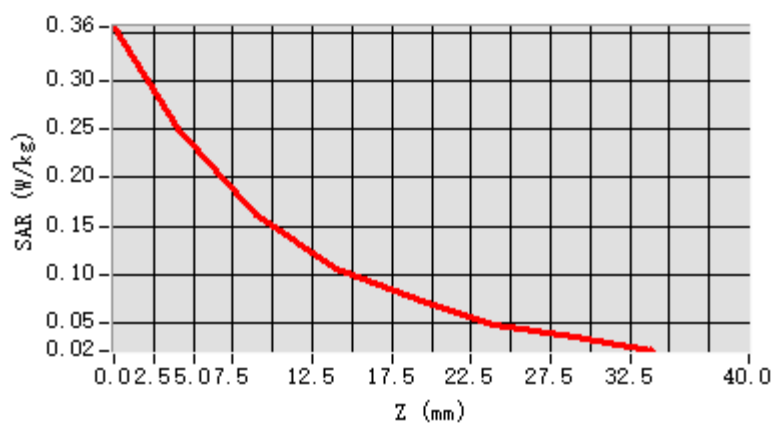
Maximum location: X=3.00, Y=-58.00 ; SAR Peak: 0.36 W/kg

B. SAR 1g & 10g

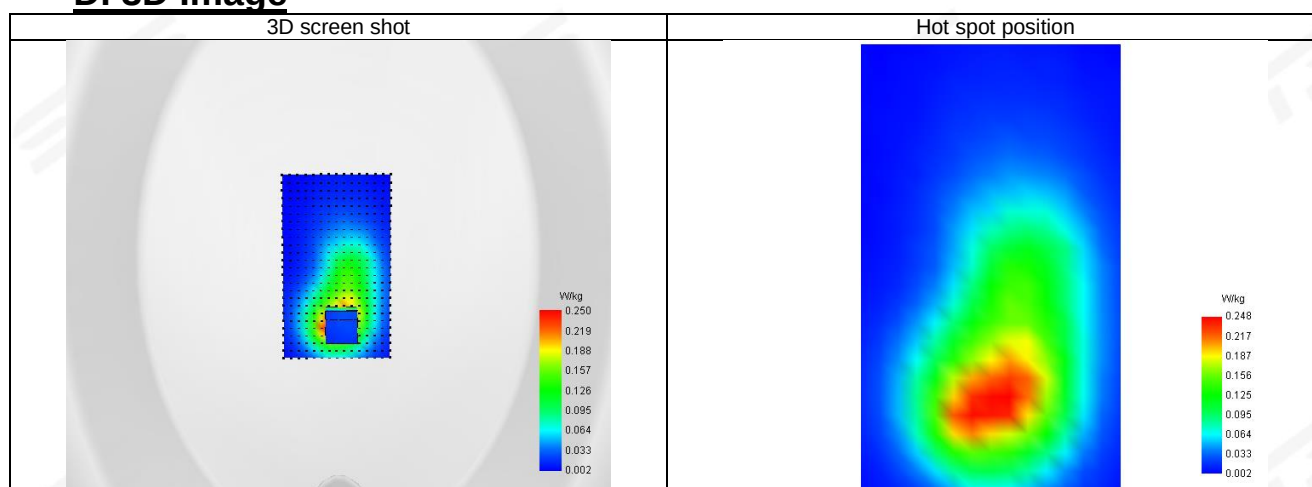
SAR 10g (W/Kg)	0.144
SAR 1g (W/Kg)	0.247
Horizontal validation criteria: minimum distance (mm)	28.844410
Vertical validation criteria: SAR ratio M2/M1 (%)	70.090107

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.355	0.250	0.162	0.105	0.076	0.049	0.036

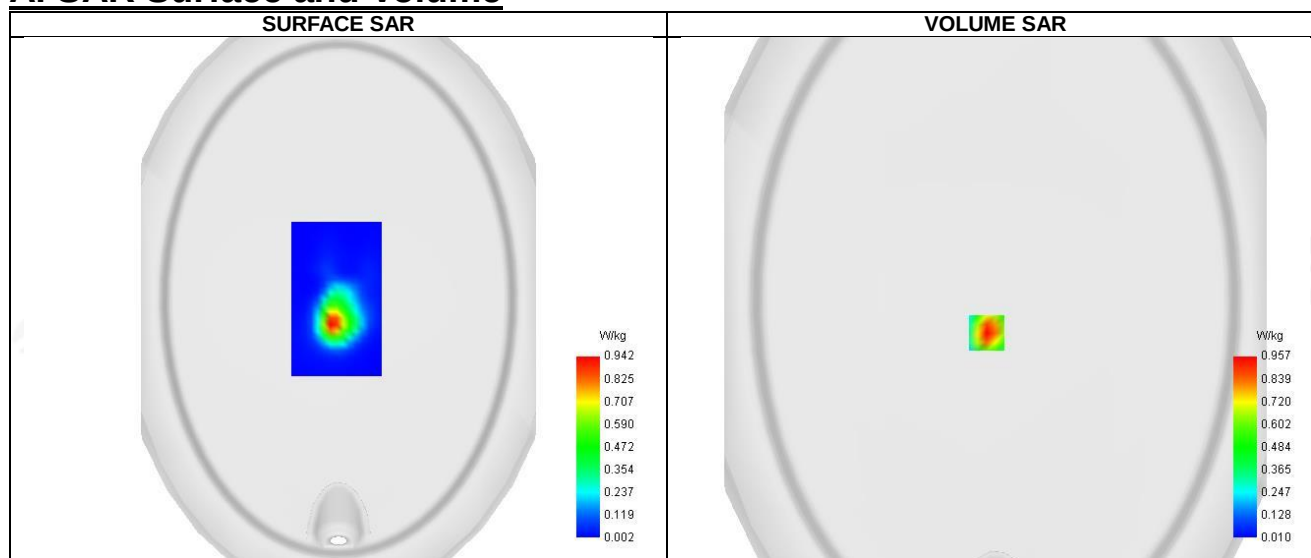


D. 3D Image



**Plot 3: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-05
ConvF	1.73
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA II
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1852.4
Relative permittivity (real part)	39.99
Conductivity (S/m)	1.38

A. SAR Surface and Volume

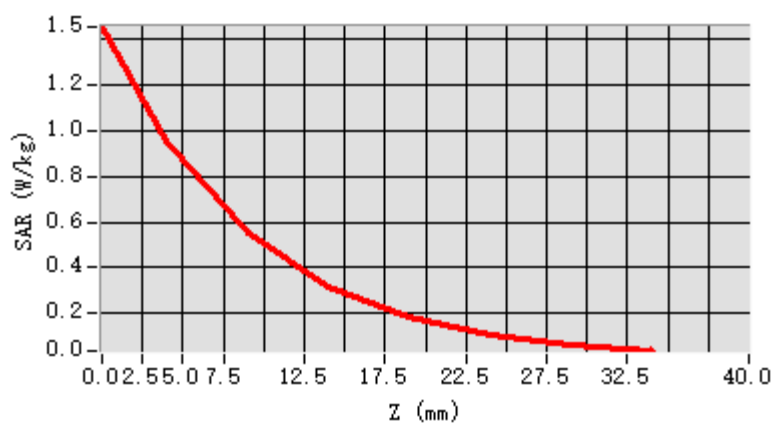
Maximum location: X=-8.00, Y=-31.00 ; SAR Peak: 1.46 W/kg

B. SAR 1g & 10g

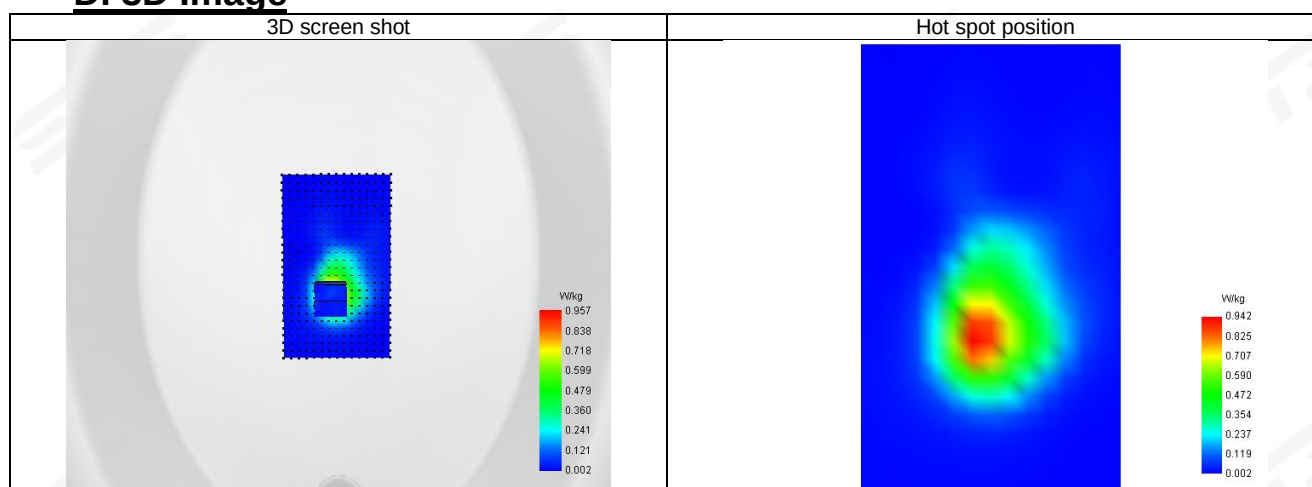
SAR 10g (W/Kg)	0.498
SAR 1g (W/Kg)	0.906
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.663116

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.457	0.957	0.552	0.317	0.182	0.106	0.061

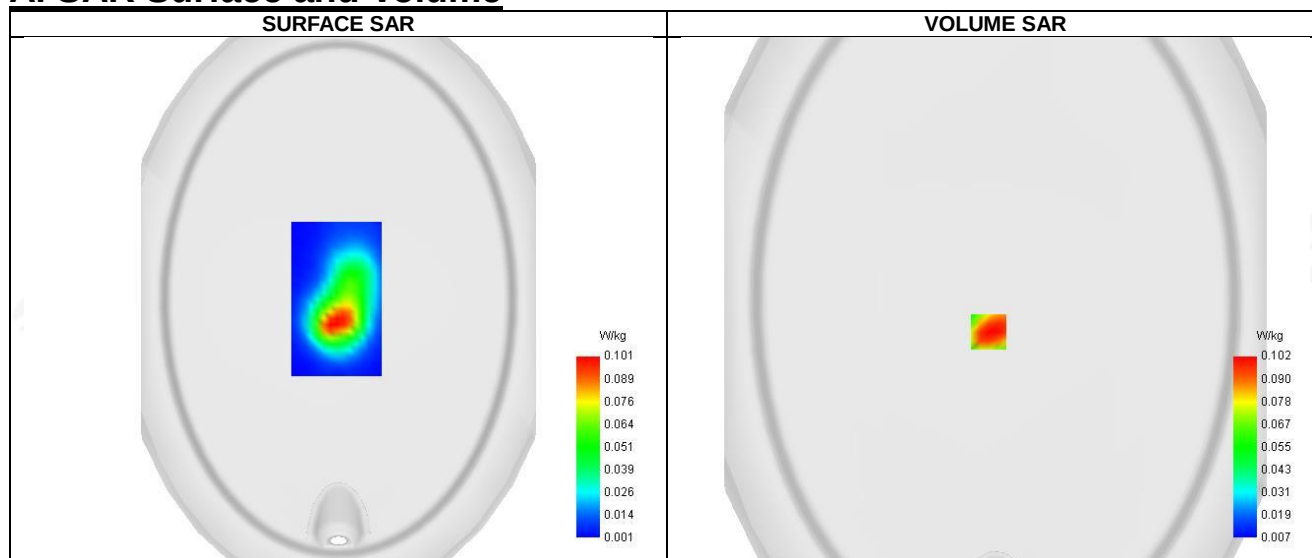


D. 3D Image



**Plot 4: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-04
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	826.4
Relative permittivity (real part)	42.29
Conductivity (S/m)	0.92

A. SAR Surface and Volume

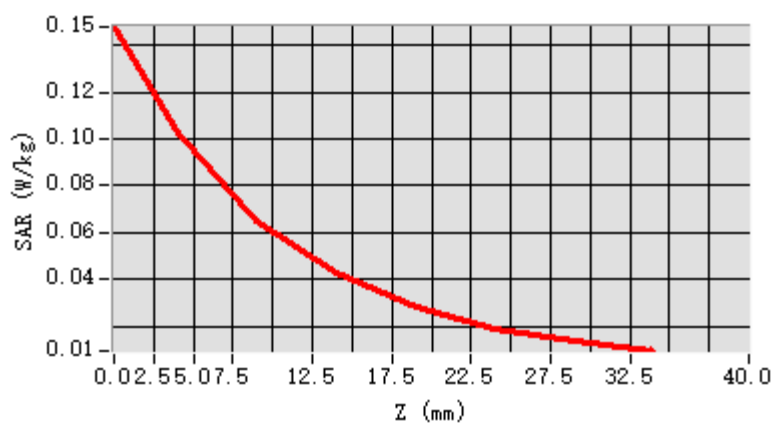
Maximum location: X=-6.00, Y=-30.00 ; SAR Peak: 0.15 W/kg

B. SAR 1g & 10g

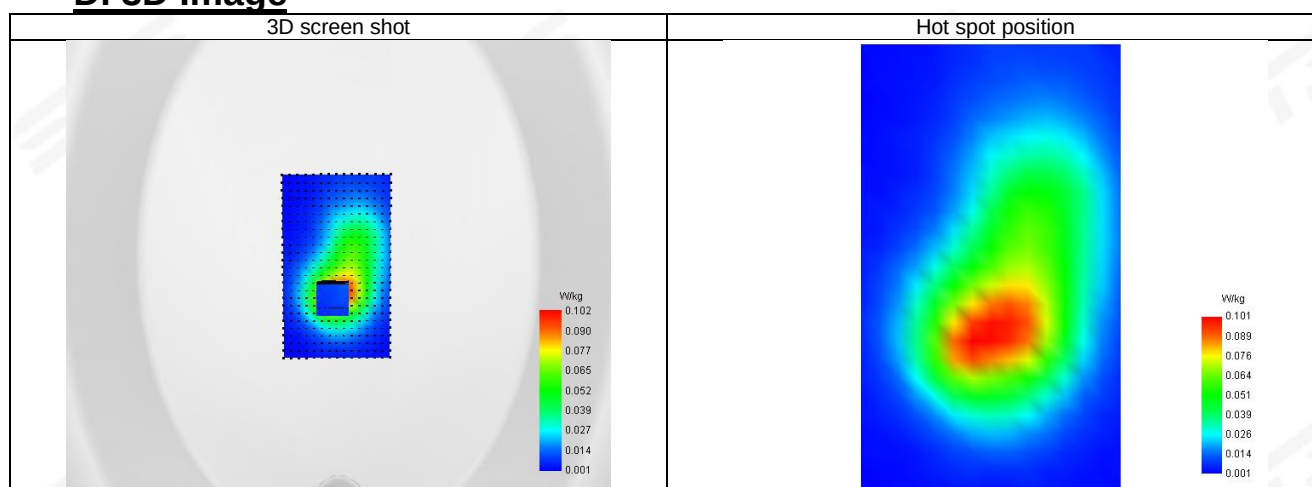
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.100
Horizontal validation criteria: minimum distance (mm)	15.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.685458

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.148	0.102	0.065	0.043	0.029	0.019	0.014

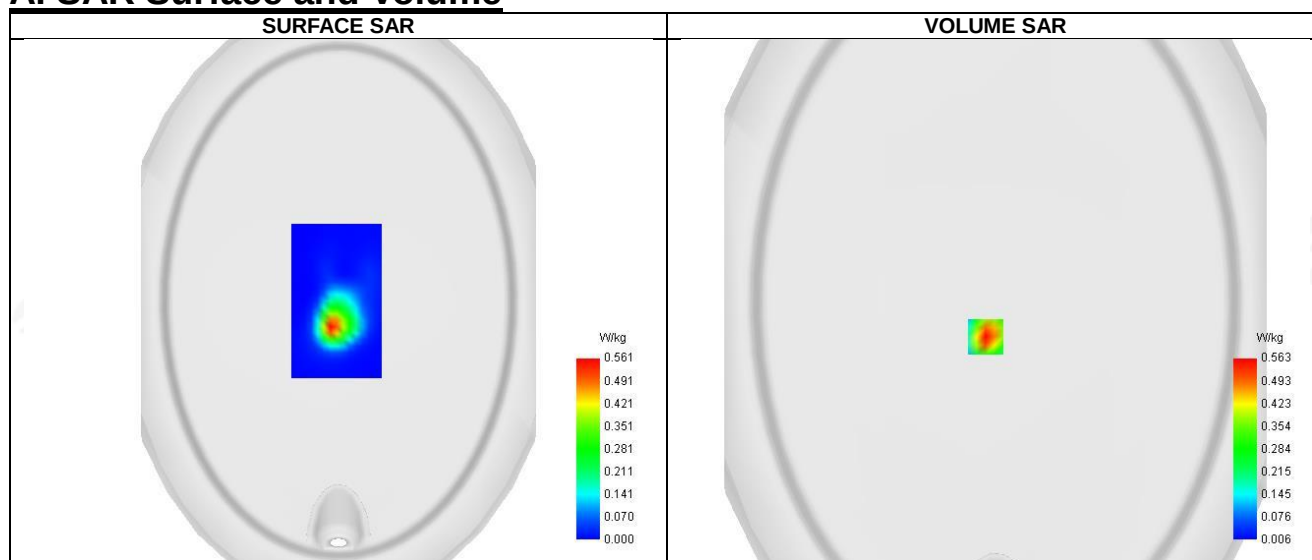


D. 3D Image



**Plot 5: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-05
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA IV
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1740
Relative permittivity (real part)	40.67
Conductivity (S/m)	1.35

A. SAR Surface and Volume

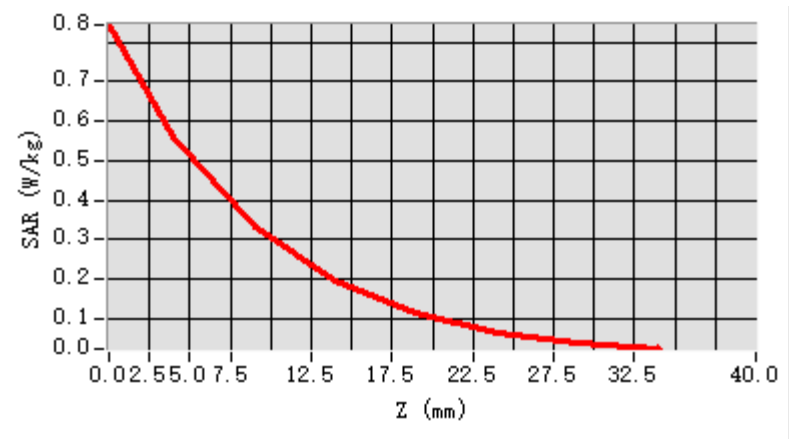
Maximum location: X=-9.00, Y=-32.00 ; SAR Peak: 0.86 W/kg

B. SAR 1g & 10g

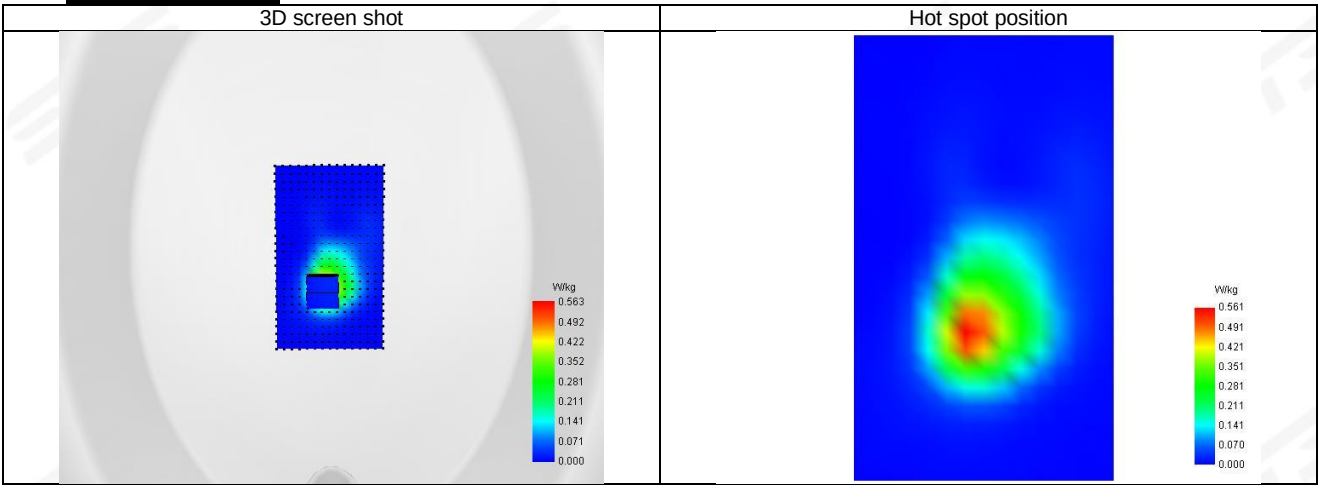
SAR 10g (W/Kg)	0.290
SAR 1g (W/Kg)	0.530
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.845446

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.843	0.563	0.331	0.194	0.114	0.067	0.041

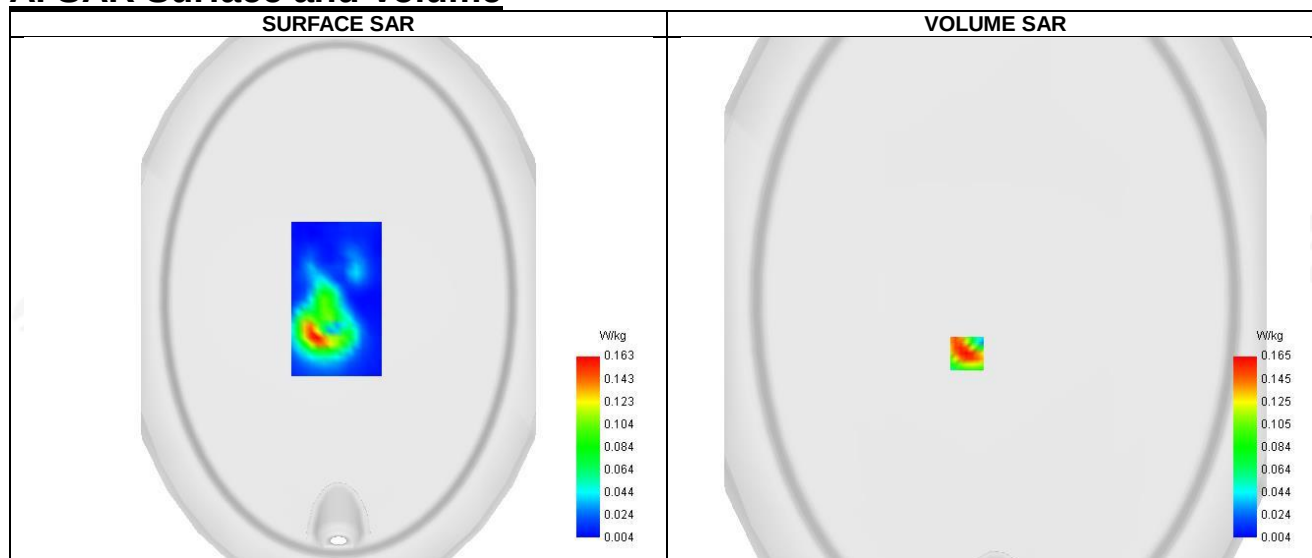


D. 3D Image



**Plot 6: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-06
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=12mm, dy=12mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 7(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	40.44
Conductivity (S/m)	1.84

A. SAR Surface and Volume

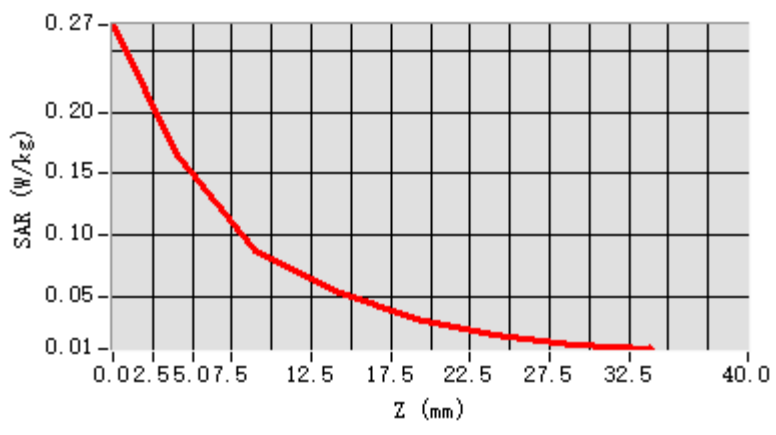
Maximum location: X=-26.00, Y=-49.00 ; SAR Peak: 0.27 W/kg

B. SAR 1g & 10g

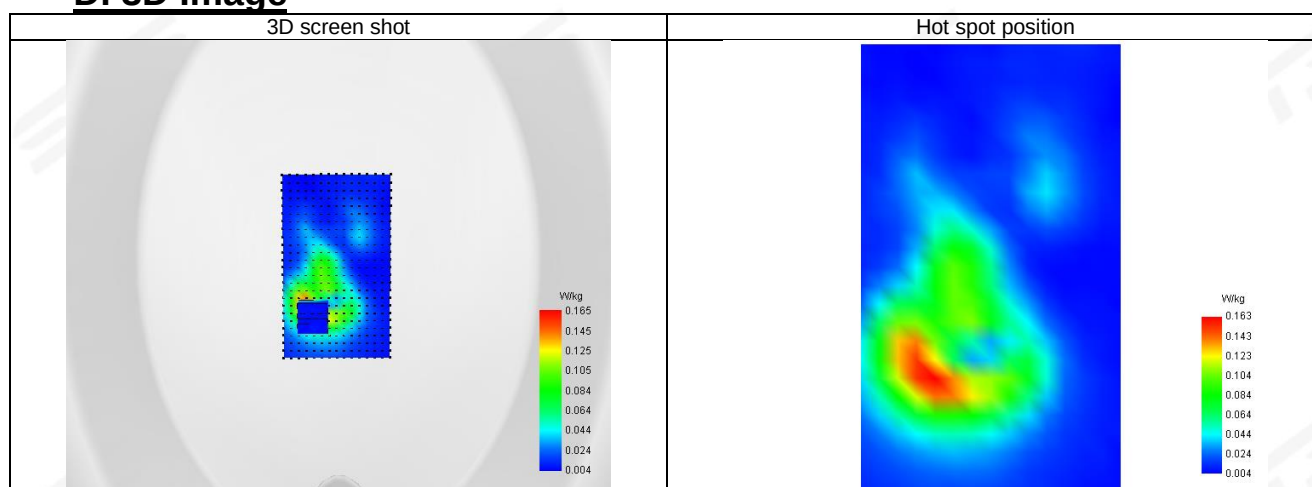
SAR 10g (W/Kg)	0.082
SAR 1g (W/Kg)	0.156
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	52.779750

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.271	0.165	0.087	0.054	0.031	0.018	0.010

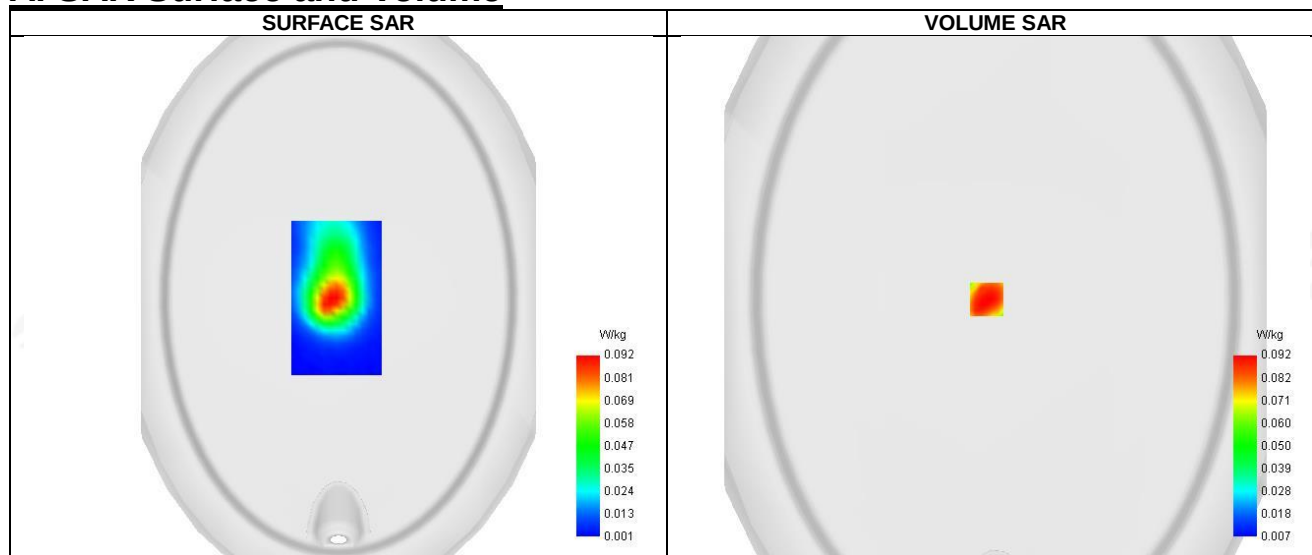


D. 3D Image



**Plot 7: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-04
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	711
Relative permittivity (real part)	42.70
Conductivity (S/m)	0.89

A. SAR Surface and Volume

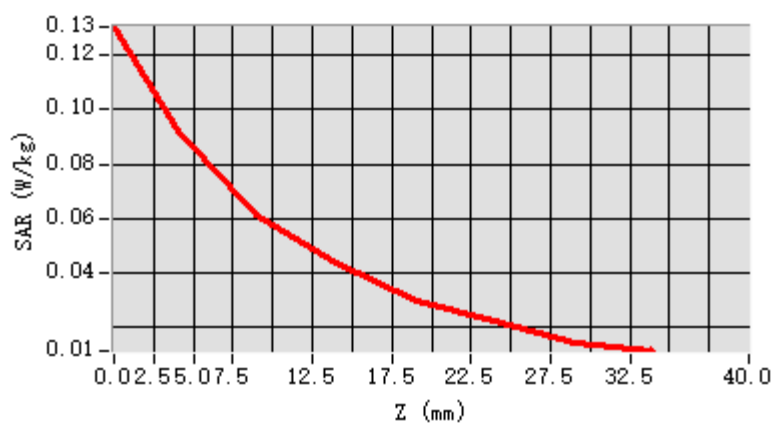
Maximum location: X=-8.00, Y=-1.00 ; SAR Peak: 0.14 W/kg

B. SAR 1g & 10g

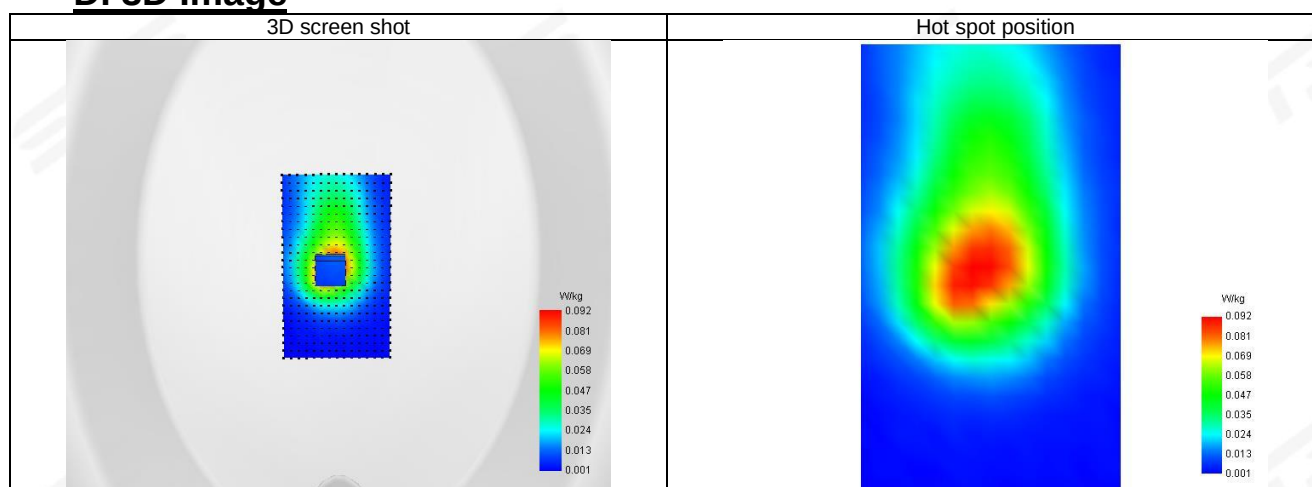
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.090
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.185426

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.131	0.092	0.061	0.044	0.029	0.022	0.014



D. 3D Image

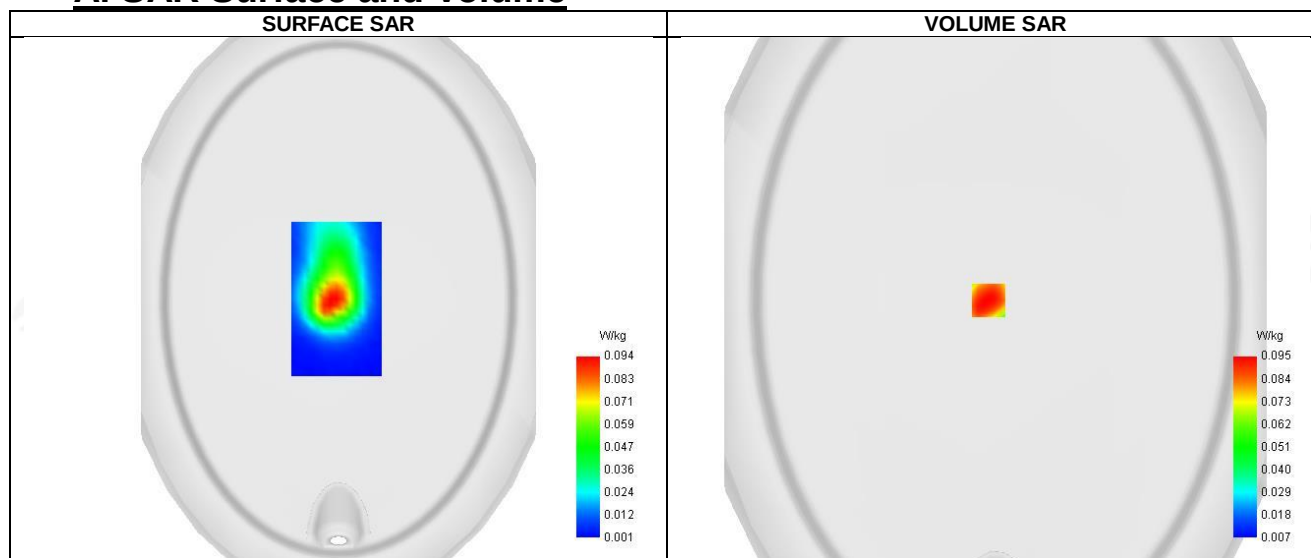




Plot 8: DUT: Tablet PC; EUT Model: G17

Test Date	2026-06-04
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 13 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	782
Relative permittivity (real part)	41.55
Conductivity (S/m)	0.91

A. SAR Surface and Volume



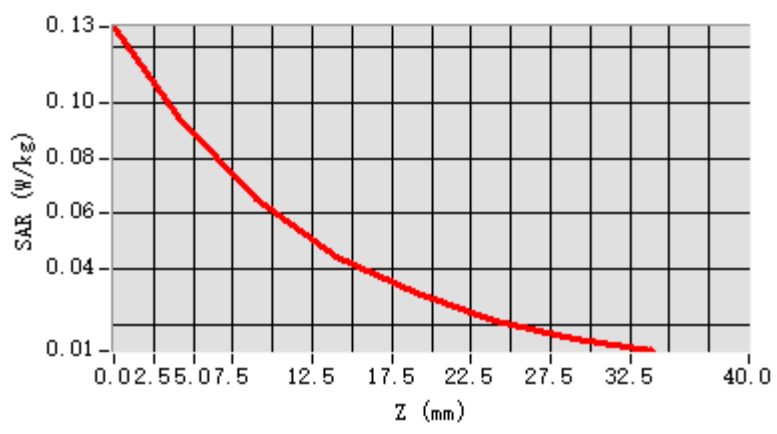
Maximum location: X=-6.00, Y=-1.00 ; SAR Peak: 0.14 W/kg

B. SAR 1g & 10g

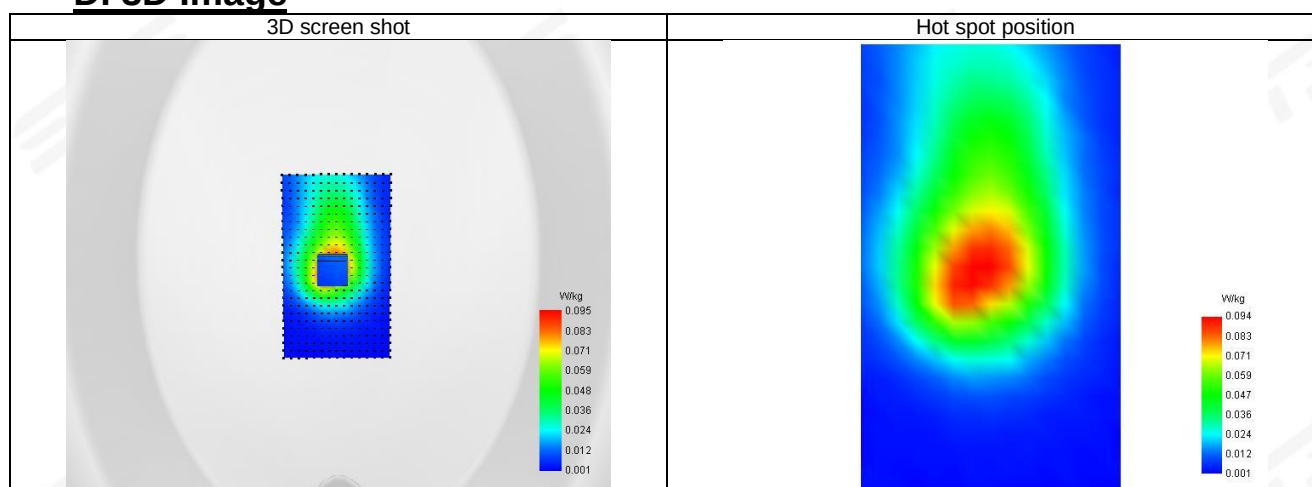
SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.092
Horizontal validation criteria: minimum distance (mm)	15.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.252418

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.127	0.095	0.065	0.044	0.031	0.022	0.015

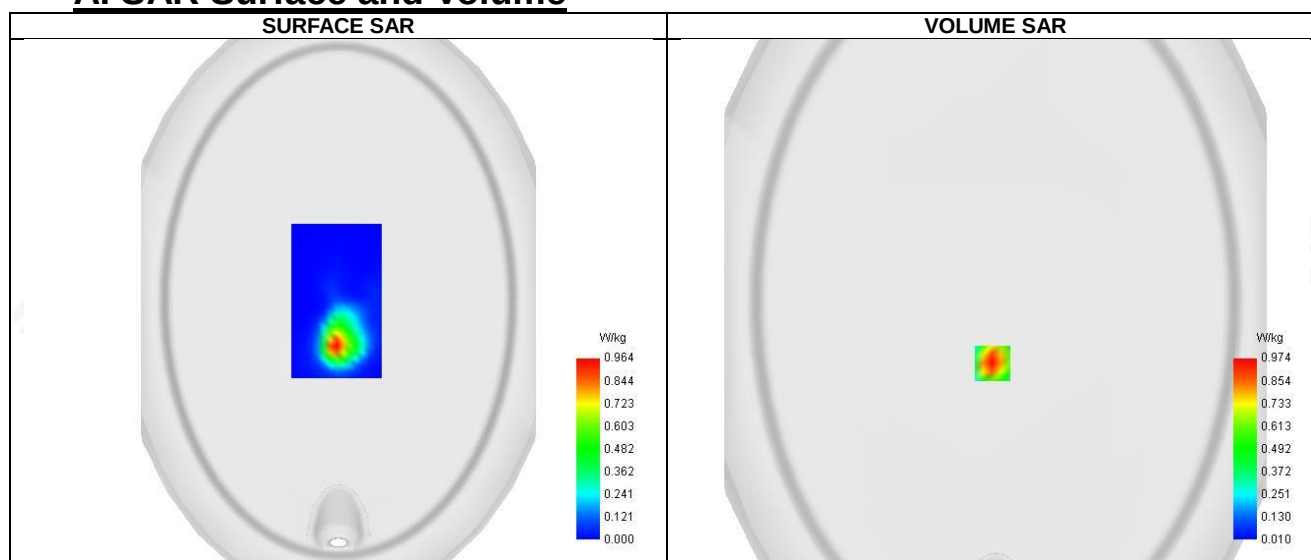


D. 3D Image



**Plot 9: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-05
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 25 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1882.5
Relative permittivity (real part)	40.75
Conductivity (S/m)	1.41

A. SAR Surface and Volume

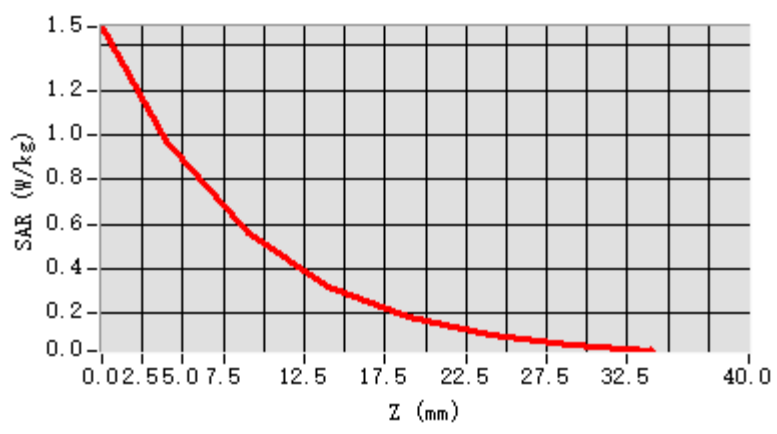
Maximum location: X=-3.00, Y=-56.00 ; SAR Peak: 1.53 W/kg

B. SAR 1g & 10g

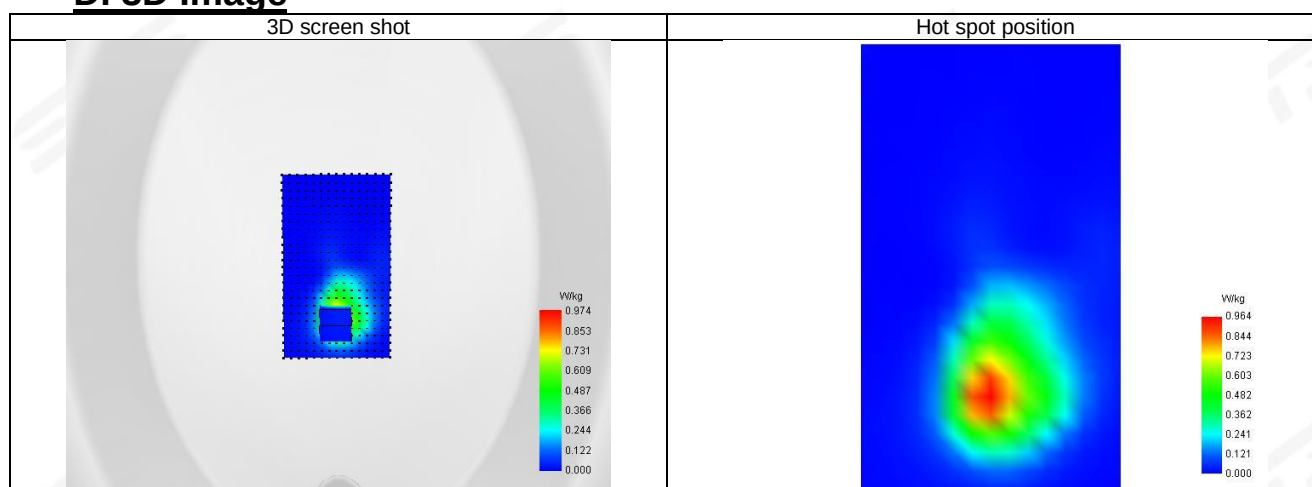
SAR 10g (W/Kg)	0.496
SAR 1g (W/Kg)	0.927
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.416582

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.484	0.974	0.560	0.320	0.181	0.103	0.059

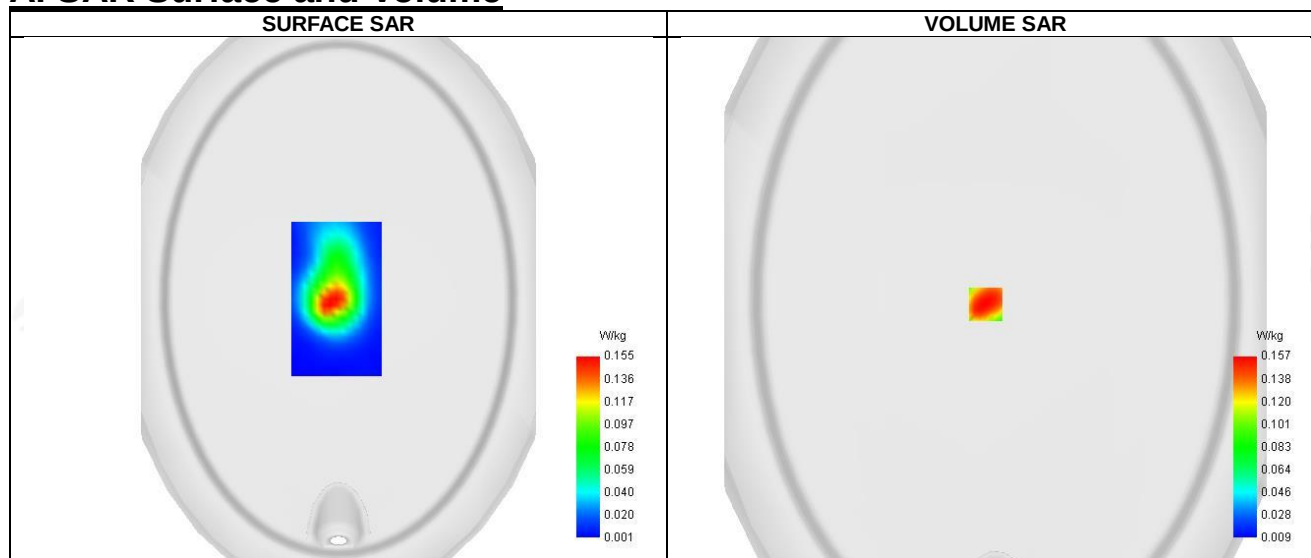


D. 3D Image



**Plot 10: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-04
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=15m, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 26 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	841.5
Relative permittivity (real part)	41.59
Conductivity (S/m)	0.90

A. SAR Surface and Volume

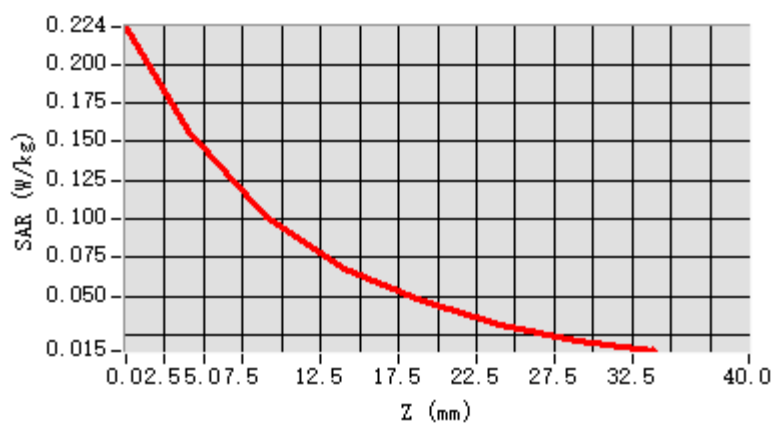
Maximum location: X=-9.00, Y=-5.00 ; SAR Peak: 0.23 W/kg

B. SAR 1g & 10g

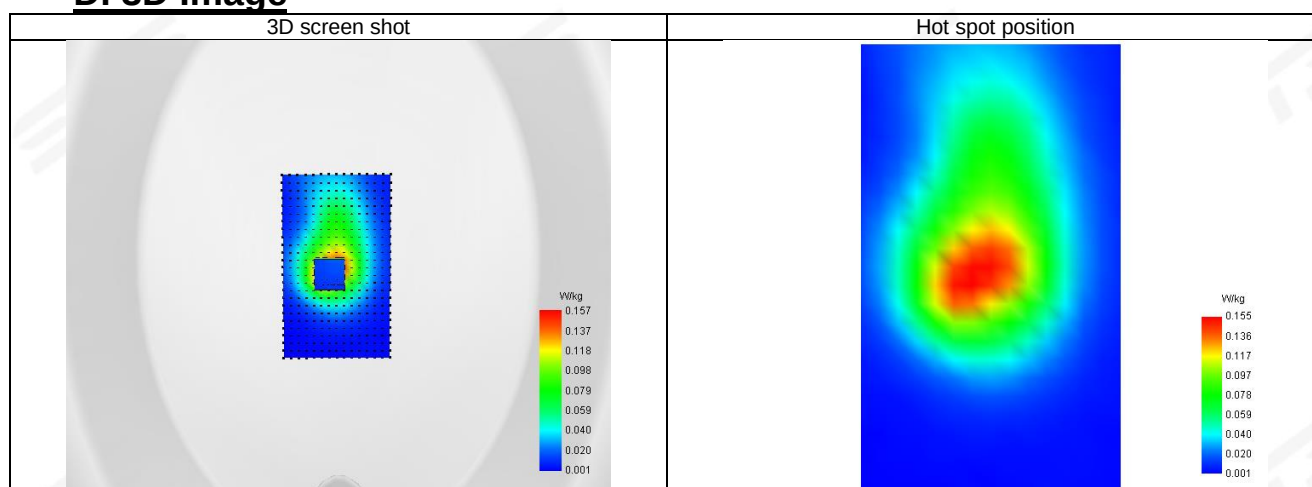
SAR 10g (W/Kg)	0.086
SAR 1g (W/Kg)	0.153
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.528451

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.224	0.157	0.102	0.068	0.046	0.031	0.021

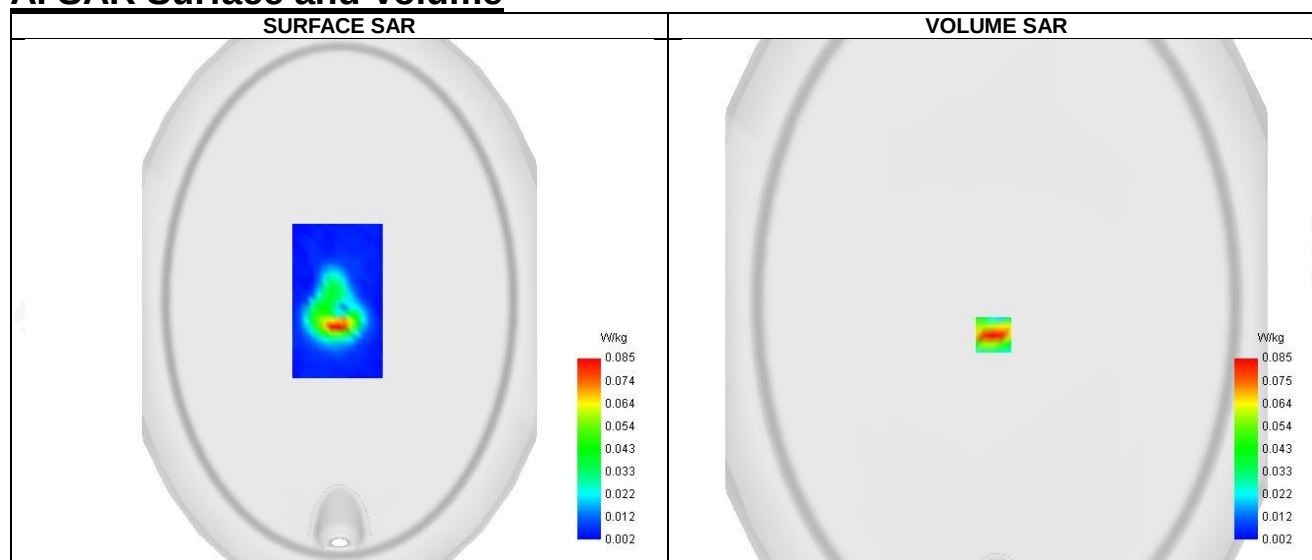


D. 3D Image



**Plot 11: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-06
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=12mm, dy=12mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 41 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2680
Relative permittivity (real part)	39.63
Conductivity (S/m)	2.04

A. SAR Surface and Volume

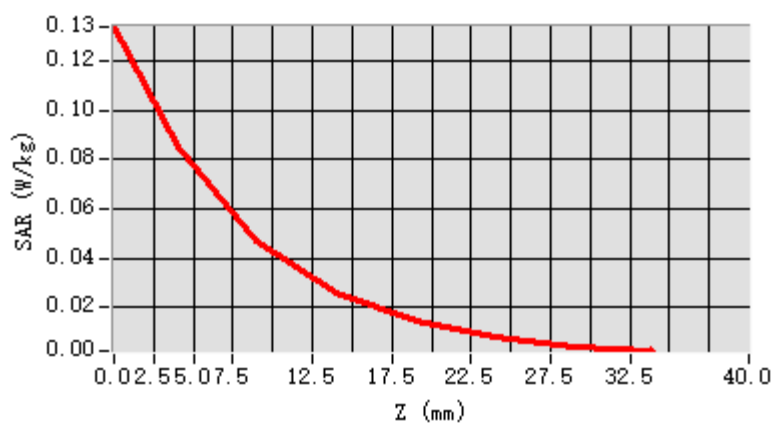
Maximum location: X=-3.00, Y=-31.00 ; SAR Peak: 0.14 W/kg

B. SAR 1g & 10g

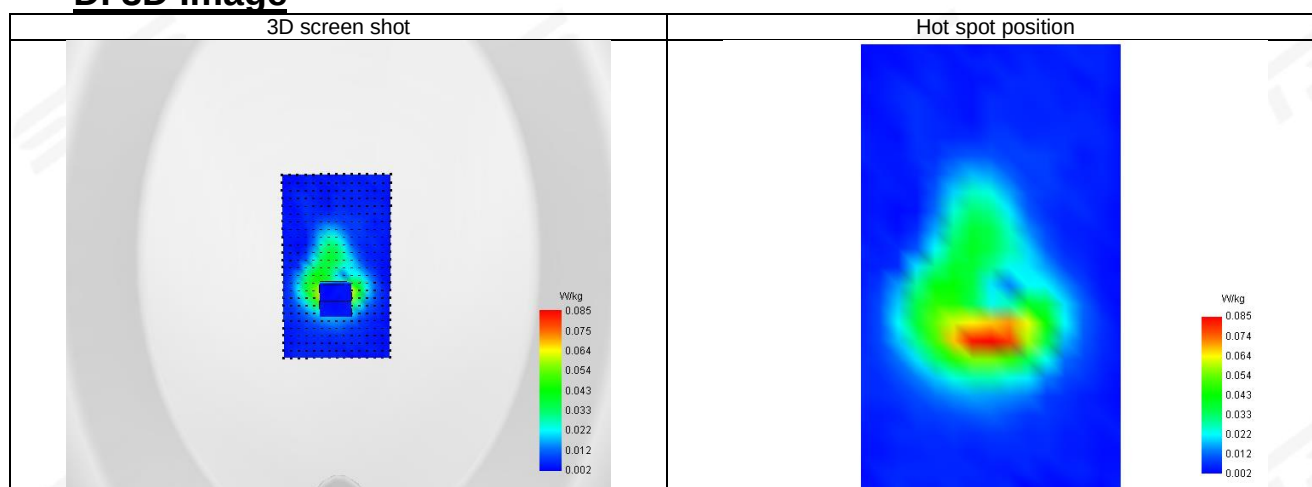
SAR 10g (W/Kg)	0.040
SAR 1g (W/Kg)	0.080
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.366324

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.134	0.085	0.047	0.026	0.015	0.008	0.005

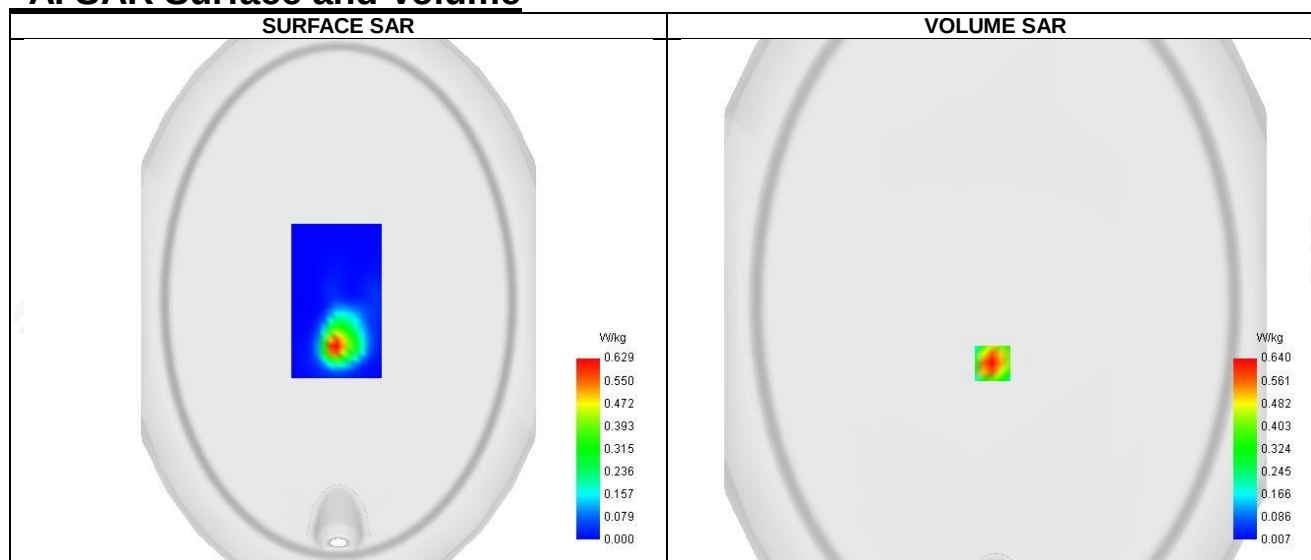


D. 3D Image



**Plot 12: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-05
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 66 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.55
Conductivity (S/m)	1.37

A. SAR Surface and Volume

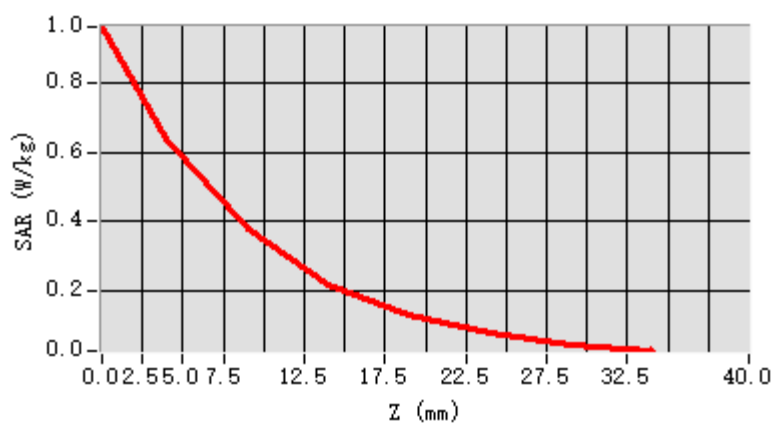
Maximum location: X=-3.00, Y=-56.00 ; SAR Peak: 1.01 W/kg

B. SAR 1g & 10g

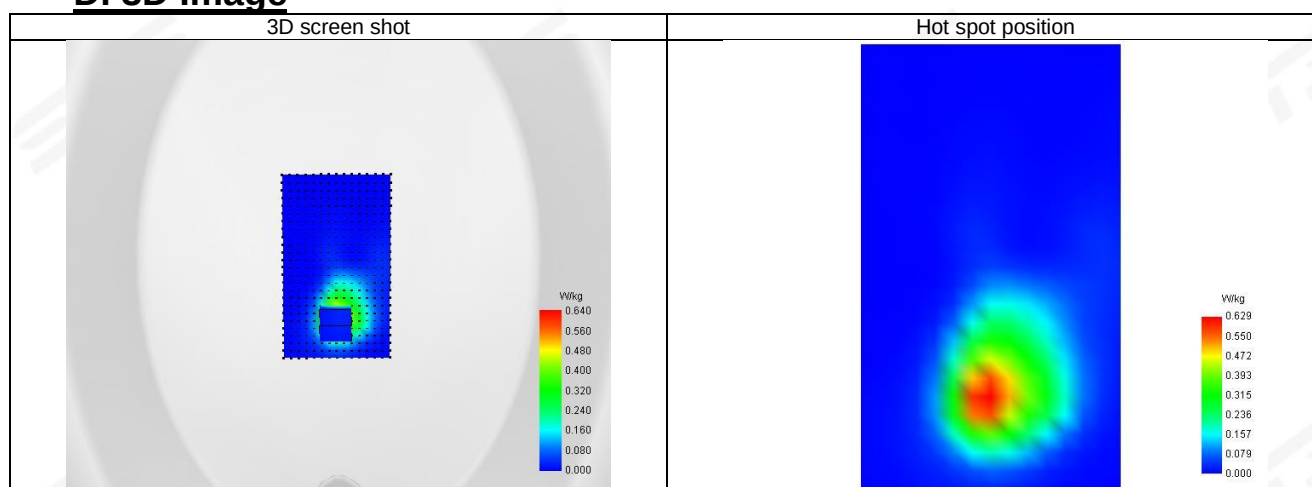
SAR 10g (W/Kg)	0.329
SAR 1g (W/Kg)	0.614
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.935390

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.962	0.640	0.377	0.219	0.130	0.077	0.045

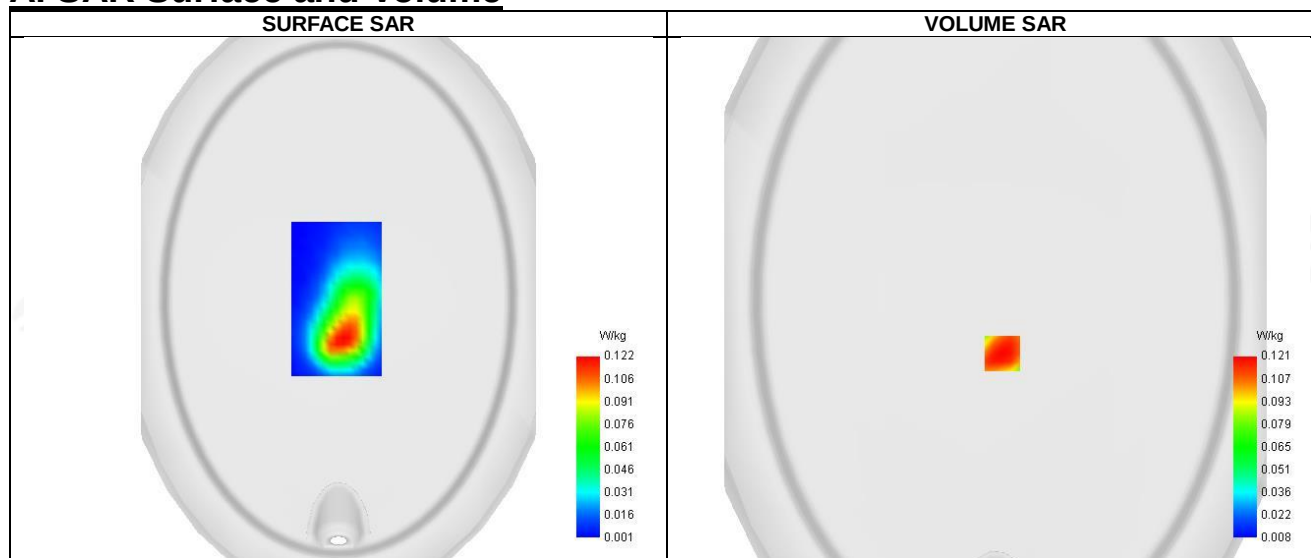


D. 3D Image



**Plot 13: DUT: Tablet PC; EUT Model: G17**

Test Date	2026-06-04
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=15mm, dy=15mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 71 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	673
Relative permittivity (real part)	42.28
Conductivity (S/m)	0.89

A. SAR Surface and Volume

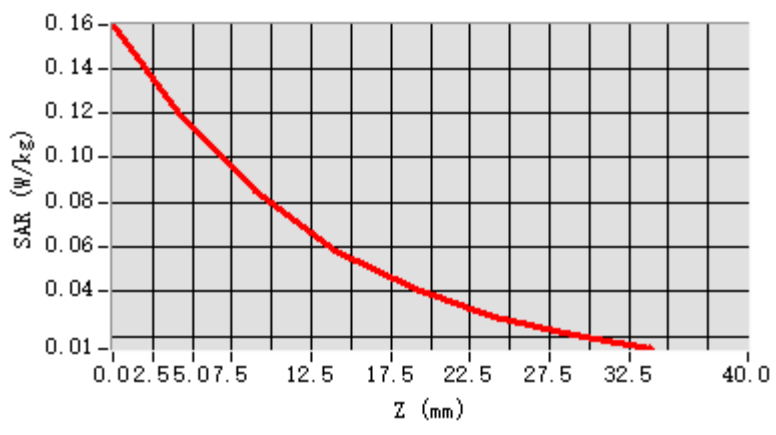
Maximum location: X=6.00, Y=-49.00 ; SAR Peak: 0.17 W/kg

B. SAR 1g & 10g

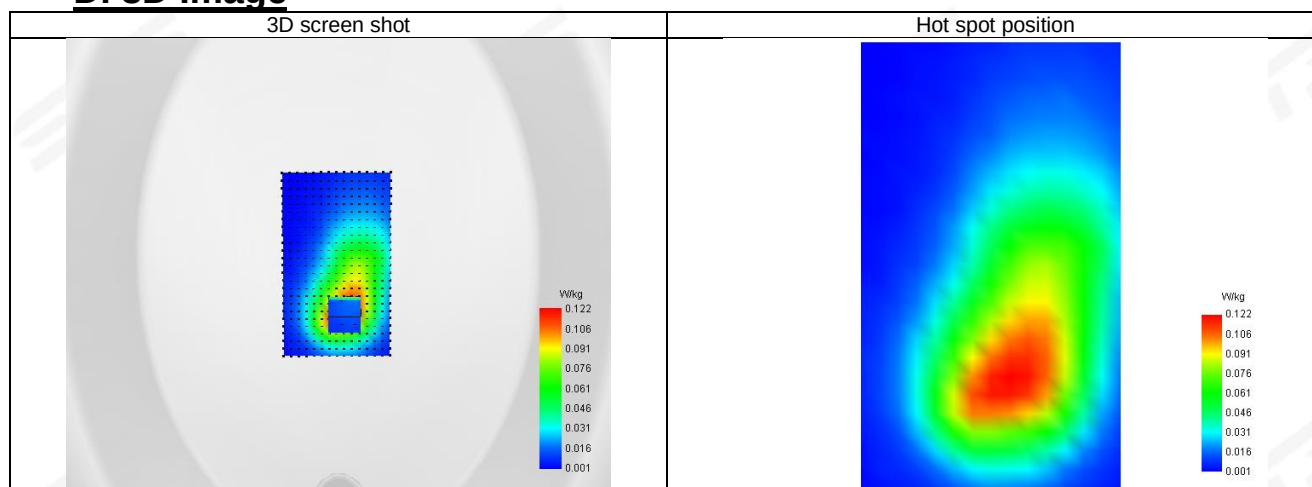
SAR 10g (W/Kg)	0.081
SAR 1g (W/Kg)	0.118
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.368545

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.159	0.121	0.085	0.059	0.042	0.029	0.020



D. 3D Image

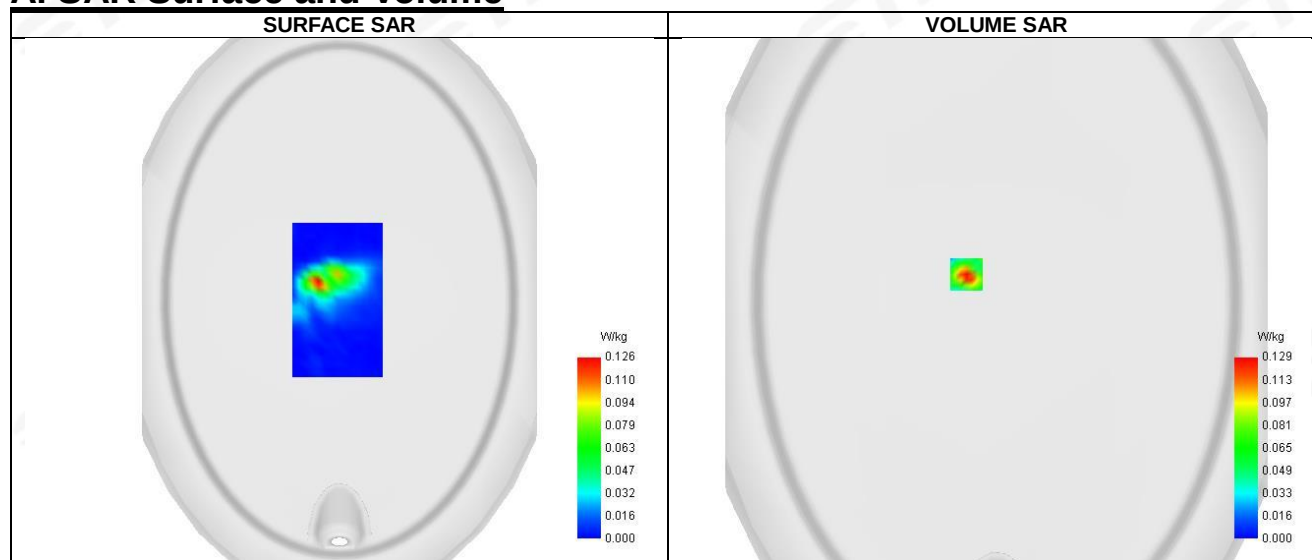




Plot 14: DUT: Tablet PC; EUT Model: G17

Test Date	2026-06-05
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=12mm, dy=12mm, h= 5.00 mm
Zoom Scan	5x5x5, dx=7mm, dy=7mm, dz=7mm
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11n20 ISM
Signal	IEEE 802.11n20 (Crest factor: 1.0)
Frequency (MHz)	2412
Relative permittivity (real part)	39.88
Conductivity (S/m)	1.77

A. SAR Surface and Volume

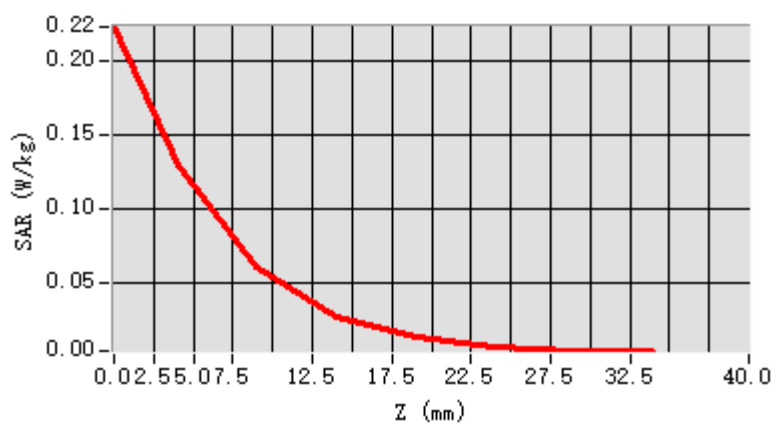


B. SAR 1g & 10g

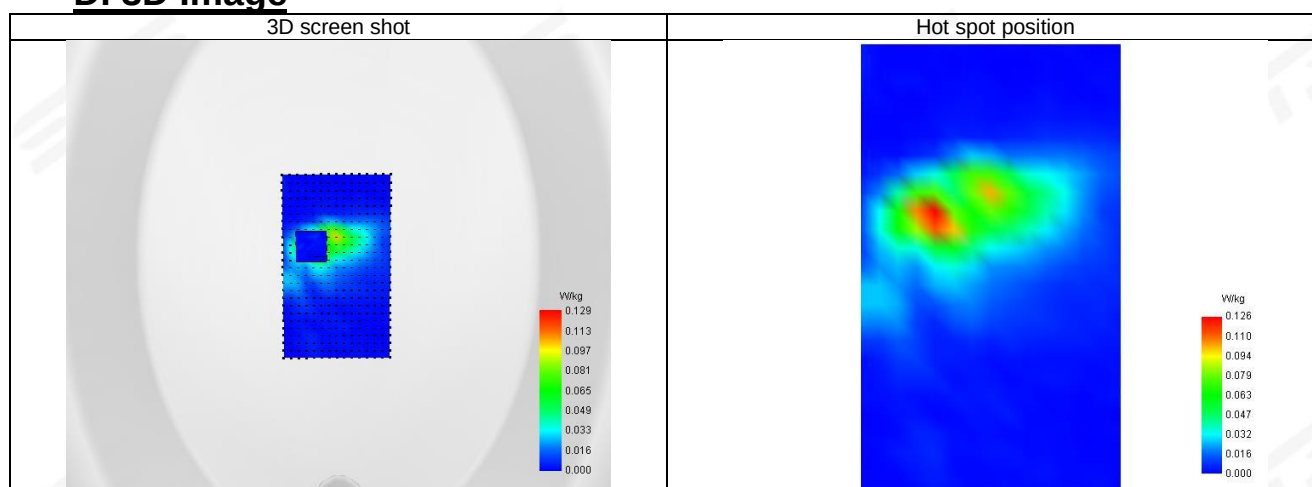
SAR 10g (W/Kg)	0.052
SAR 1g (W/Kg)	0.117
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	47.155061

C. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.223	0.129	0.061	0.027	0.013	0.007	0.004



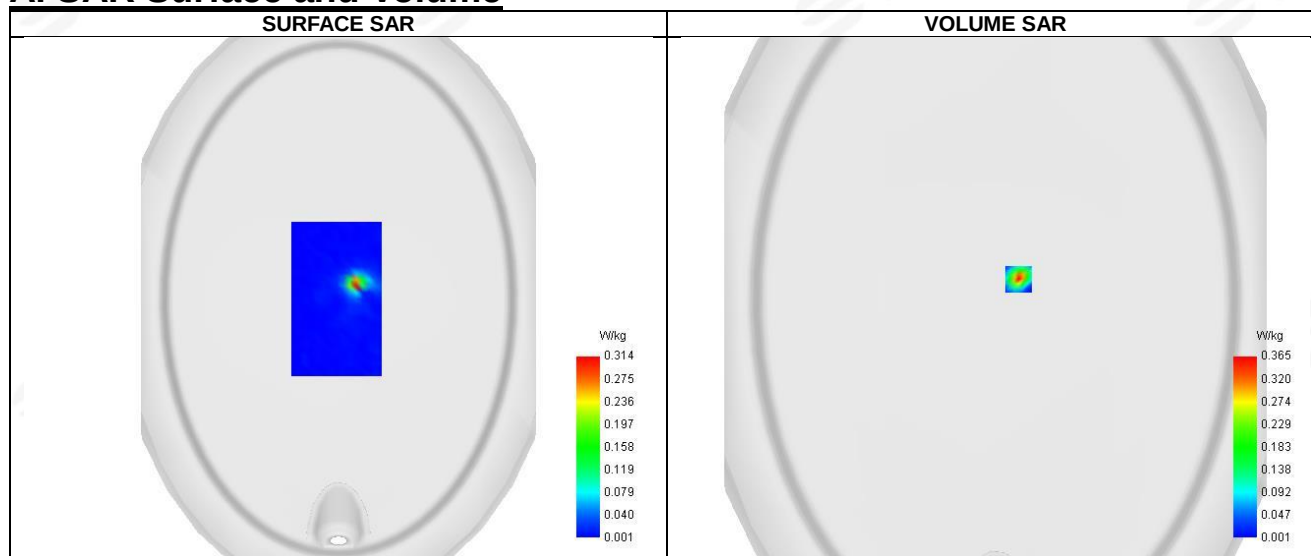
D. 3D Image





Plot 15: DUT: Tablet PC; EUT Model: G17

Test Date	2026-06-06
ConvF	1.37
Probe	SN 08/21 EPGO352
Area Scan	dx=10mm, dy=10mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11ac80 ISM
Signal	IEEE802.ac80 (Crest factor: 1.0)
Frequency (MHz)	5210
Relative permittivity (real part)	36.53
Conductivity (S/m)	4.66

A. SAR Surface and Volume

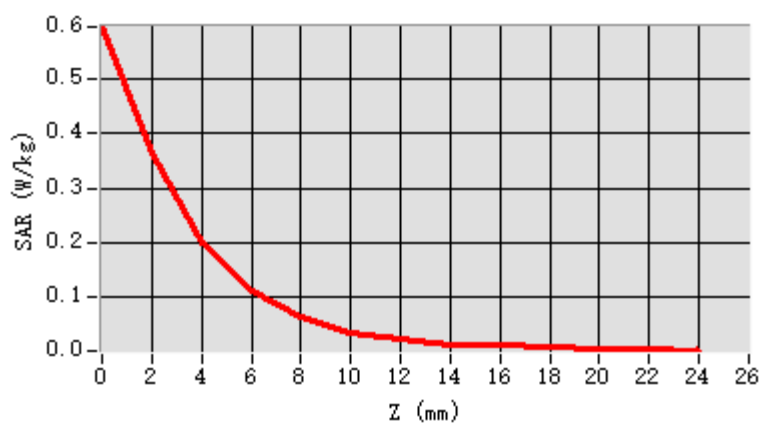
Maximum location: X=21.00, Y=18.00 ; SAR Peak: 0.62 W/kg

B. SAR 1g & 10g

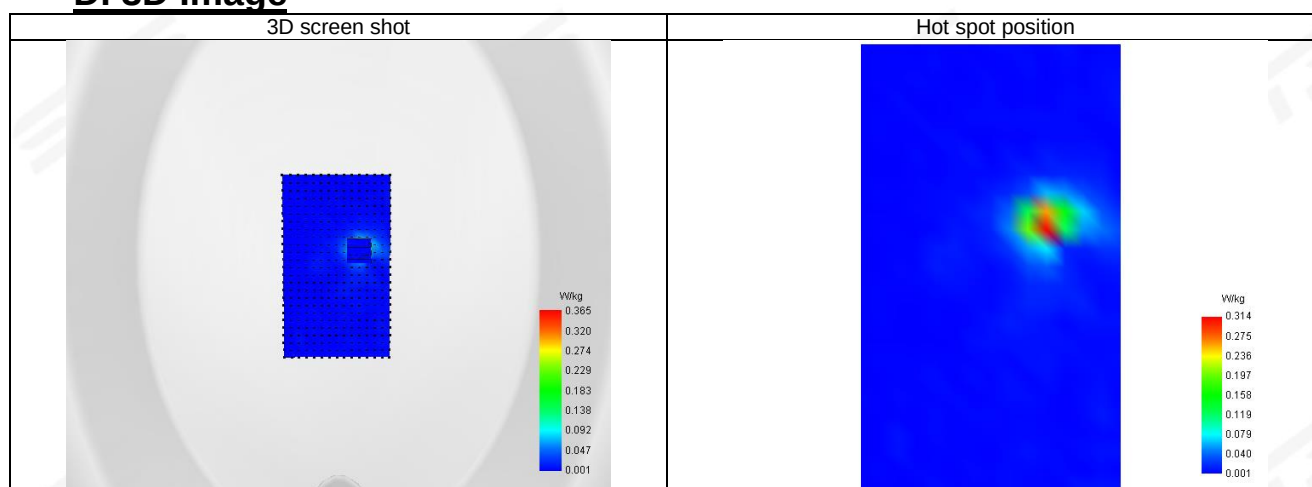
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.193
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.534476

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.596	0.365	0.199	0.110	0.062	0.035	0.023	0.013	0.011	0.007	0.006	0.006



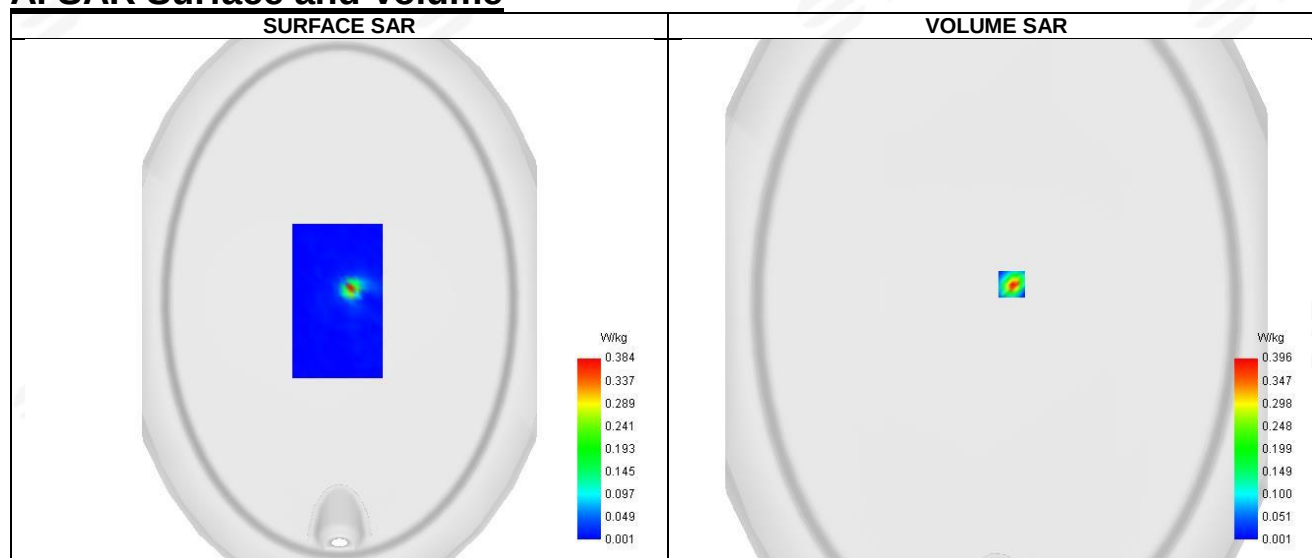
D. 3D Image





Plot 16: DUT: Tablet PC; EUT Model: G17

Test Date	2026-06-06
ConvF	1.26
Probe	SN 08/21 EPGO352
Area Scan	dx=10mm, dy=10mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11a20 ISM
Signal	IEEE802.a20 (Crest factor: 1.0)
Frequency (MHz)	5260
Relative permittivity (real part)	36.80
Conductivity (S/m)	4.73

A. SAR Surface and Volume

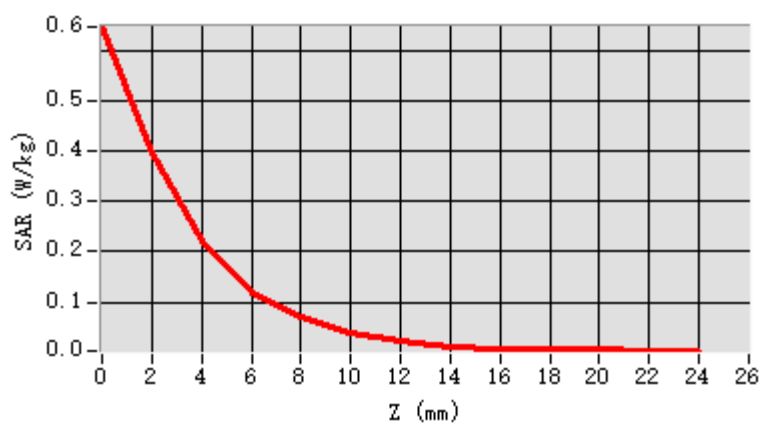
Maximum location: X=14.00, Y=15.00 ; SAR Peak: 0.68 W/kg

B. SAR 1g & 10g

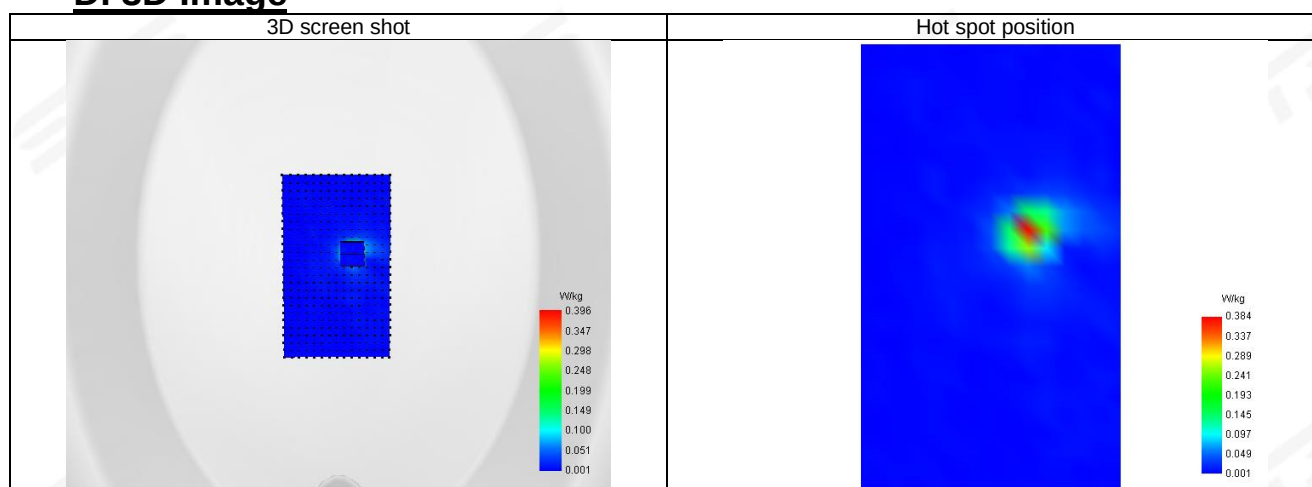
SAR 10g (W/Kg)	0.063
SAR 1g (W/Kg)	0.215
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.948451

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.646	0.396	0.222	0.117	0.069	0.038	0.022	0.012	0.009	0.008	0.007	0.003



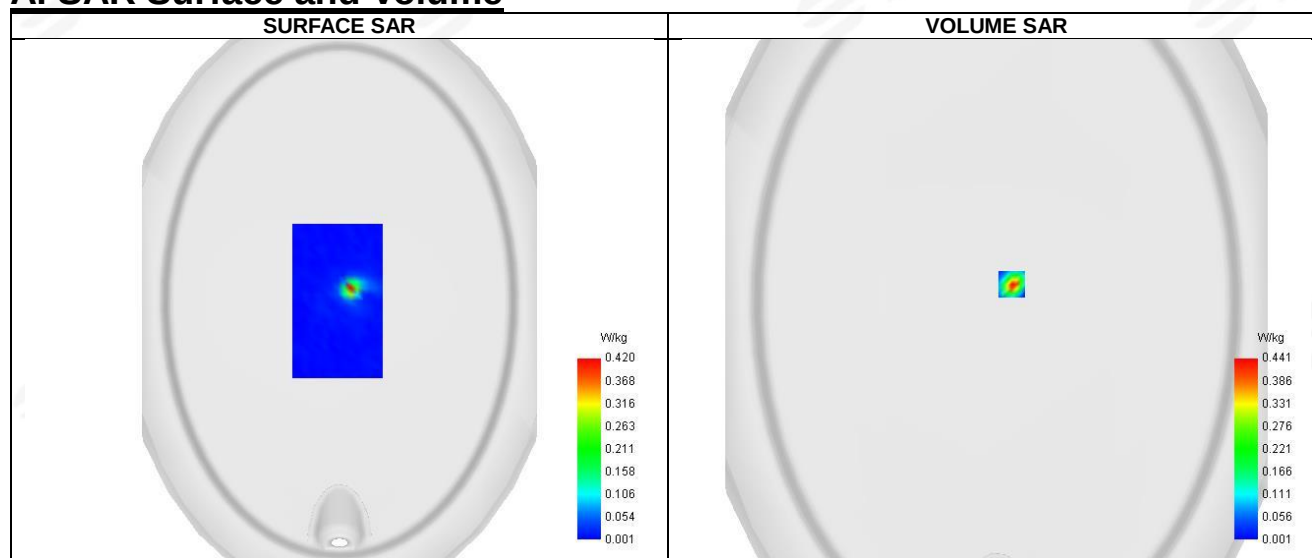
D. 3D Image





Plot 17: DUT: Tablet PC; EUT Model: G17

Test Date	2026-06-06
ConvF	1.21
Probe	SN 08/21 EPGO352
Area Scan	dx=10mm, dy=10mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11n40 ISM
Signal	IEEE802.n40 (Crest factor: 1.0)
Frequency (MHz)	5670
Relative permittivity (real part)	35.69
Conductivity (S/m)	5.17

A. SAR Surface and Volume

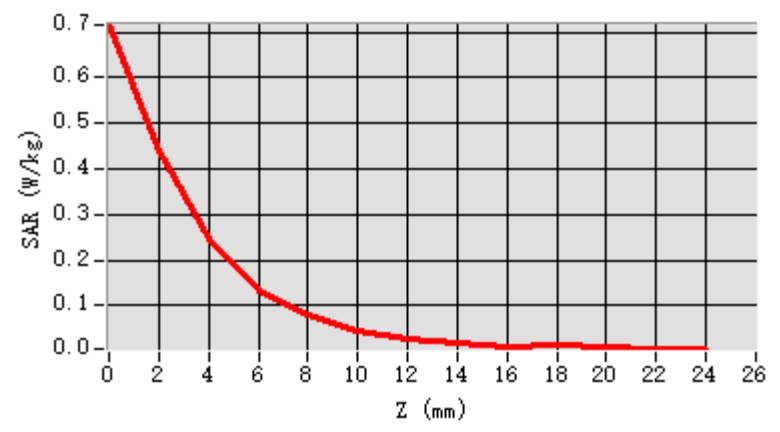
Maximum location: X=14.00, Y=15.00 ; SAR Peak: 0.75 W/kg

B. SAR 1g & 10g

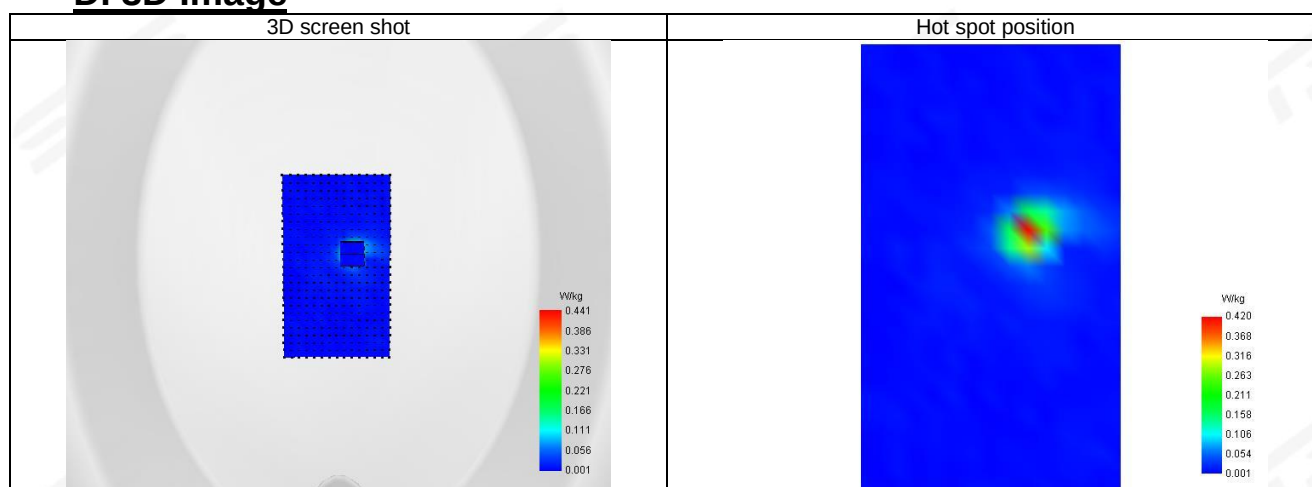
SAR 10g (W/Kg)	0.071
SAR 1g (W/Kg)	0.240
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.143699

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.716	0.441	0.247	0.132	0.080	0.046	0.026	0.020	0.008	0.013	0.007	0.005



D. 3D Image

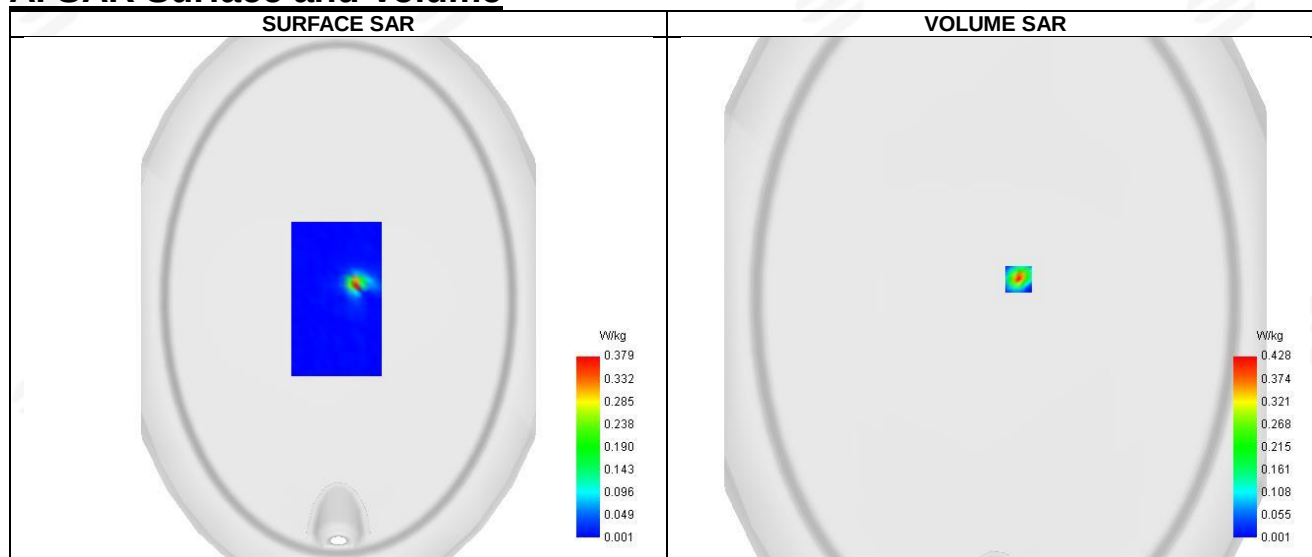




Plot 18: DUT: Tablet PC; EUT Model: G17

Test Date	2026-06-06
ConvF	1.32
Probe	SN 08/21 EPGO352
Area Scan	dx=10mm, dy=10mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11ac40 ISM
Signal	IEEE802.ac40 (Crest factor: 1.0)
Frequency (MHz)	5755
Relative permittivity (real part)	34.89
Conductivity (S/m)	5.29

A. SAR Surface and Volume



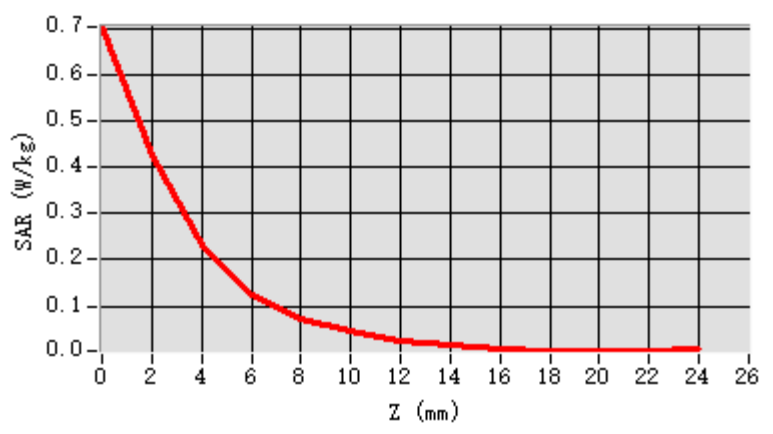
Maximum location: X=21.00, Y=18.00 ; SAR Peak: 0.74 W/kg

B. SAR 1g & 10g

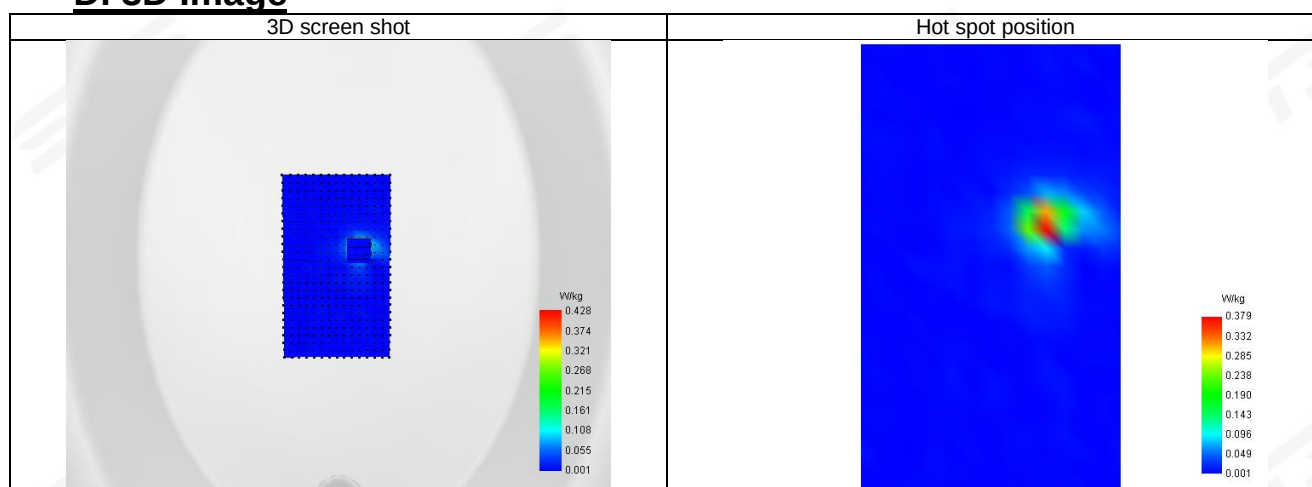
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.225
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.006738

C. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.705	0.428	0.231	0.126	0.071	0.044	0.022	0.016	0.009	0.003	0.005	0.003



D. 3D Image





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※