



SAR Test Report

For

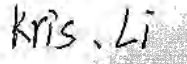
Applicant Name: FOXX Development Inc.
Address: 3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA
EUT Name: 5G Mobile Hotspot
Brand Name: FOXXD, FOXX, MIRO
Model Number: Q3

Issued By

Company Name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: 101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China
Report Number: BTF250916R00501

Test Standards: FCC 47 CFR§2.1093 IEEE Std.1528-2013 IEEE C95.1-2019
FCC ID: 2AQRM-Q3

Test Conclusion: Pass
Test Date: 2025-10-12 to 2025-11-12
Date of Issue: 2025-11-14

Tested By: 
Kris Li / Tester

Date: 2025-11-14

Reviewed By: 
Amenda Zhong / Project Engineer
Date: 2025-11-14

Approved By: 
Ryan CJ / EMC Manager
Date: 2025-11-14



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Revision History		
Version	Issue Date	Revisions Content
R_V0	2025-11-14	Original
Note:		Once the revision has been made, then previous versions reports are invalid.

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1. Introduction

1.1 Identification of Testing Laboratory

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130

1.2 Identification of the Responsible Testing Location

Test Location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China
Description:	All measurement facilities used to collect the measurement data are located at 101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China
FCC Registration Number	518915
Designation Number	CN1409

1.3 Laboratory Condition

Ambient Temperature:	21°C to 25°C
Ambient Relative Humidity:	48% to 59%
Ambient Pressure:	100 kPa to 102 kPa

1.4 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2. Product Information

2.1 Application Information

Company Name:	FOXX Development Inc.
Address:	3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA

2.2 Manufacturer Information

Company Name:	FOXX Development Inc.
Address:	3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA

2.3 Factory Information

Company Name:	FOXX Development Inc.
Address:	3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA

2.4 General Description of Equipment under Test (EUT)

EUT Name	5G Mobile Hotspot
Under Test Model Name	Q3
Sample No.	BTFSN250916009

2.5 Equipment under Test Ancillary Equipment

Ancillary Equipment 1	Rechargeable Battery	
	Capacity	10000mAh
	Nominal Voltage	3.7V

2.6 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/13/25/26/66/71 TDD LTE Band 41 5G Network FDD NR SA N2/5/25/66/71 TDD NR SA N41/48/77/78 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)
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The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	WCDMA, LTE, NR, WLAN		
Frequency Range	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 698 ~ 716 MHz	RX: 728 ~ 746 MHz
	LTE Band 13	TX: 777 ~ 787 MHz	RX: 746 ~ 756 MHz
	LTE Band 25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	LTE Band 26 part 90	TX: 814.7 ~ 823.3 MHz	RX: 859.7 ~ 868.3 MHz
	LTE Band 26 part 22	TX: 824.7 ~ 848.3 MHz	RX: 869.7 ~ 893.3 MHz
	LTE Band 41	2498.5 ~2687.5 MHz	
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	LTE Band 71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	NR SA N2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	NR SA N5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	NR SA N25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	NR SA N41	2496 ~ 2690 MHz	
	NR SA N48	3570 ~ 3680 MHz	
	NR SA N66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	NR SA N71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	NR SA N77a	3700 ~ 3980 MHz	
	NR SA N77d	3450 ~ 3550 MHz	
	NR SA N78a	3700 ~ 3800 MHz	
	NR SA N78e	3450 ~ 3550 MHz	
	802.11b/g/n(HT20)	2412 ~ 2462 MHz	
	802.11n(HT40)	2422 ~ 2452 MHz	
	802.11a /802.11n(HT20/40) /802.11ac(HT20/40/80)	U-NII-1: 5180 MHz ~ 5240 MHz, U-NII-2A: 5260 MHz ~ 5320 MHz, U-NII-2C: 5500 MHz ~ 5700 MHz, U-NII-3: 5745 MHz ~ 5825 MHz	
Antenna Type	WWAN: Internal Antenna WLAN: Internal Antenna		
Hotspot Function	Support		
Power Reduction	Not Support		
Exposure Category	General Population/Uncontrolled exposure		
EUT Stage	Portable Device		
Product	Type		
	☐ Production unit	☒ Identical prototype	

3. Summary of Test Results

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	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
3	IEEE C95.1-2019	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz
4	KDB447498 D04	Interim General RF Exposure Guidance v01
5	KDB865664 D01	SAR measurement 100MHz to 6GHz v01r04
6	KDB865664 D02	RF Exposure Reporting v01r02
7	KDB941225 D01	3G SAR Procedures v03r01
8	KDB941225 D05	SAR for LTE Devices v02r05
9	KDB248227 D01	802.11 Wi-Fi SAR v02r02
10	KDB941225 D06	Hotspot Mode v02r01
11	KDB648474 D04	Handset SAR v01r03
12	KDB690783 D01	SAR Listings on Grant v01r03

3.2 Device Category and SAR Limit

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user. Limit for General Population/Uncontrolled exposure should be applied for this device, it is 1.6 W/kg as averaged over any 1 gram of tissue.

Body Position	SAR Value (W/Kg)	
	General Population/ Uncontrolled Exposure	Occupational/ Controlled Exposure
Whole-Body SAR (averaged over the entire body)	0.08	0.4
Partial-Body SAR (averaged over any 1 gram of tissue)	1.60	8.0
SAR for hands, wrists, feet and ankles (averaged over any 10 grams of tissue)	4.0	20.0

NOTE:
General Population/Uncontrolled Exposure: Locations where there is the exposure of individuals who have no knowledge or control of their exposure. General population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.
Occupational/Controlled Exposure: Locations where there is exposure that may be incurred by persons who are aware of the potential for exposure. In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

3.3 Test Result Summary

The maximum results of Specific Absorption Rate (SAR) found during test as bellows:

<Highest Reported standalone SAR Summary>

Frequency Band		Maximum Reported SAR (W/kg) 10g		Equipment Class
		Body SAR (Separation 5 mm)	Limb SAR (Separation 0 mm)	
WWAN	WCDMA Band II	1.076	1.602	PCE
	WCDMA Band IV	1.118	1.914	
	WCDMA Band V	1.140	0.973	
	LTE Band 2	1.070	1.447	
	LTE Band 4	1.300	1.615	
	LTE Band 5	0.738	0.813	
	LTE Band 7	1.365	1.971	
	LTE Band 12	0.334	0.496	
	LTE Band 13	0.332	0.288	
	LTE Band 25	0.707	0.953	
	LTE Band 26 part 90	0.735	0.644	
	LTE Band 26 part 22	0.744	0.707	
	LTE Band 41	0.743	0.676	
	LTE Band 66	1.117	1.433	
	LTE Band 71	0.363	0.270	
	NR N2	0.586	0.792	
	NR N5	0.492	0.524	
	NR N25	0.603	0.811	
	NR N41	1.025	0.776	
	NR N48	1.214	1.232	
	NR N66	0.741	1.205	
	NR N71	0.238	0.246	
	NR N77a	0.058	0.031	
	NR N77d	0.034	0.041	
	NR N78a	0.122	0.019	
	NR N78e	0.038	0.038	
WLAN	2.4G WIFI	0.111	0.038	DTS
	5.2G WIFI	0.358	0.326	NII
	5.4G WIFI	0.108	0.062	
	5.6G WIFI	0.164	0.073	
	5.8G WIFI	0.127	0.132	
Limits (W/kg)		1.6	4.0	
Test Verdict		Pass		

This device is in compliance with Specific Absorption Rate(SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC47 CFR part 2(2.1093) and ANSI/IEEE C95.1-2019, and had been tested in accordance with the measurement methods and procedures specified in IEEE Std. 1528-2013.

<Highest Reported Simultaneous SAR>

Exposure Position	Simultaneous Configuration	Highest Reported Simultaneous Transmission SAR (W/kg)	Limit (W/kg)	Verdict
Body SAR (Separation 5 mm)	LTE Band 7 + 5.2G WIFI	1.597	1.6	Pass
Limb SAR (Separation 0 mm)	LTE Band 7 + 2.4G WIFI	1.971	4.0	Pass

3.4 Test Uncertainty

3.4.1 Measurement uncertainty evaluation for SAR test

Measurement uncertainty evaluation for SAR test (450MHz to 6GHz)

Uncertainty Component	Tol (+-%)	Prob. Dist.	Div.	Unc. $u(x_i)=a(x_i)/q_i$	Ci (1g)	Ci (10g)	1g U_i (+-%)	10 g U_i (+-%)	V_i v_{eff}
Measurement System									
Probe calibration	14	N (k = 2)	2	7.00	1	1	7.00	7.00	∞
Probe calibration drift	4	R	$\sqrt{3}$	2.31	1	1	2.31	2.31	∞
Probe linearity	4.7	R	$\sqrt{3}$	2.71	1	1	2.71	2.71	∞
detection limit	1	R	$\sqrt{3}$	0.58	1	1	0.58	0.58	∞
Probe isotropy	3.5	R	$\sqrt{3}$	2.02	0.71	0.71	1.43	1.43	∞
Hemispherical Isotropy	5.9	N	1	5.90	0.71	0.71	4.19	4.19	∞
Boundary effect	1	R	1.73	0.58	1	1	0.58	0.58	∞
Integration time	1.4	R	1.73	0.81	1	1	0.81	0.81	∞
Response time	0	R	1.73	0.00	1	1	0.00	0.00	∞
Readout electronics	0.5	N	1	0.50	1	1	0.50	0.50	∞
RF ambient and noise	3	R	$\sqrt{3}$	1.73	1	1	1.73	1.73	∞
Probe positioning errors	3.28	N	1	3.28	0.33	0.33	1.08	1.08	∞
Data processing errors	2.3	R	1	1.33	1	1	1.33	1.33	∞
Conductivity measurement	4.07	N	1	2.35	0.79	0.77	1.86	1.81	∞
Permittivity measurement	5.06	N	1	2.92	0.23	0.26	0.67	0.76	∞
Liquid Conductivity - Temperature Uncertainty	2.5	R	1	1.44	0.79	0.77	1.14	1.11	∞
Liquid Permittivity - Temperature Uncertainty	2.5	R	$\sqrt{3}$	1.44	0.23	0.26	0.33	0.38	∞
Shell permittivity	2.9	R	$\sqrt{3}$	1.67	0.25	0.25	0.42	0.42	∞
Repeatability of positioning the DUT or source against the phantom	2.7	N	1	2.70	2	2	5.40	5.40	∞
Uncertainty in accepted power	3	R	1	3.00	1	1	3.00	3.00	∞
Effect of operating mode on probe sensitivity	2.3	R	$\sqrt{3}$	1.33	1	1	1.33	1.33	∞
Variation in SAR due to drift in output of DUT	2.2	N	1	2.20	1	1	2.20	2.20	∞
Phantom deviation from target (ϵ' , σ)	1.9	N	1	1.90	1	1	1.90	1.90	∞
SAR scaling	0	R	$\sqrt{3}$	0.00	1	1	0.00	0.00	∞
Probe calibration	14	N (k = 2)	2	7.00	1	1	7.00	7.00	∞
Combined uncertainty	/						11.94	11.94	
Expanded Uncertainty (95% Confidence interval)	/						23.89	23.88	

* This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.4.2 Measurement uncertainty evaluation for system check

Uncertainty Component	Tol (+-%)	Prob. Dist.	Div.	Unc. $u(x_i)=a(x_i)/q_i$	Ci (1g)	Ci (10 g)	1g Ui (+-%)	10 g Ui (+-%)	Vi veff
Measurement System									
Probe calibration	14	N (k = 2)	2	7.00	1	1	7.00	7.00	∞
Probe calibration drift	4	R	1.73	2.31	1	1	2.31	2.31	∞
Probe linearity	4.7	R	1.73	2.72	1	1	2.72	2.72	∞
Detection limit	1	R	1.73	0.58	1	1	0.58	0.58	∞
Axial Isotropy	3.5	R	1.73	2.02	1	1	2.02	2.02	∞
Hemispherical Isotropy	5.9	R	1.73	3.41	0.71	0.71	2.42	2.42	∞
Boundary effect	1	R	1.73	0.58	0.71	0.71	0.41	0.41	∞
Integration time	1.4	R	1.73	0.81	1	1	0.81	0.81	∞
Response time	0	R	1.73	0.00	1	1	0.00	0.00	∞
Readout electronics	0.5	N	1	0.50	1	1	0.50	0.50	∞
Noise	3	R	1.73	1.73	1	1	1.73	1.73	∞
Reflections	3	R	1.73	1.73	1	1	1.73	1.73	∞
Positioner Mechanical Tolerance	3.28	R	1.73	1.90	0.33	0.33	0.63	0.63	∞
Positioning with respect to Phantom Shell	3.28	R	1.73	1.90	0.33	0.33	0.63	0.63	∞
Data processing errors	2.3	R	1.73	1.33	1	1	1.33	1.33	∞
Conductivity measurement	4.07	N	1	4.07	0.79	0.77	3.22	3.13	∞
Permittivity measurement	5.06	N	1	5.06	0.23	0.26	1.16	1.32	∞
Liquid Conductivity - Temperature Uncertainty	2.5	R	1.73	1.45	0.79	0.77	1.14	1.11	∞
Liquid Permittivity - Temperature Uncertainty	2.5	R	1.73	1.45	0.23	0.26	0.33	0.38	∞
Shell permittivity	2.9	R	1.73	1.68	0.25	0.25	0.42	0.42	∞
Distance between the radiating element of the DUT and the phantom medium	2.7	N	1	2.70	2	2	5.40	5.40	∞
Deviation of experimental antennas	4.5	N	1.73	2.60	1	1	2.60	2.60	∞
Other uncertainty contributions	2	R	1	2.00	1	1	2.00	2.00	∞
Uncertainty in accepted power	3	R	1.73	1.73	1	1	1.73	1.73	∞
Phantom deviation from target (ϵ' , σ)	1.9	N	1	1.90	1	0.87	1.90	1.65	∞
$u(\Delta SAR)$	/						11.89	11.85	
Expanded uncertainty (95% confidence interval)	/						23.79	23.70	

4. Measurement System

4.1 Specific Absorption Rate (SAR) Definition

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:

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

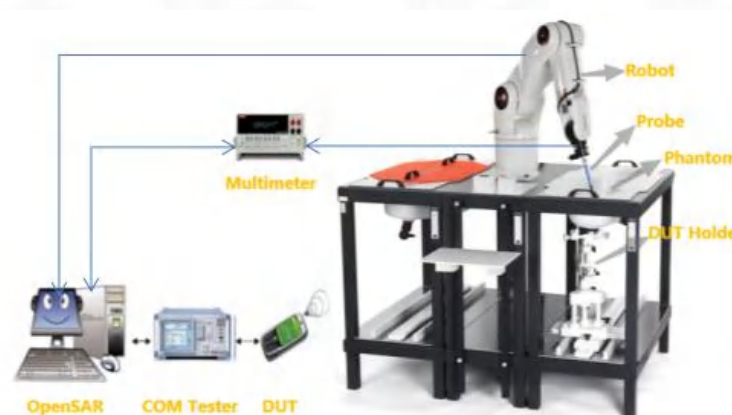
SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

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

Where: σ is the conductivity of the tissue,
 ρ is the mass density of the tissue and E is the RMS electrical field strength.

4.2 MVG SAR System

4.2.1 SAR system diagram



4.2.2 Robot



A standard high precision 6-axis robot (Denso) with teaches pendant with Scanning System

- It must be able to scan all the volume of the phantom to evaluate the tridimensional distribution of SAR.
- Must be able to set the probe orthogonal of the surface of the phantom ($\pm 30^\circ$).
- Detects stresses on the probe and stop itself if necessary to keep the integrity of the probe.

4.2.3 E-Field Probe

For the measurements, the Specific Dosimetric SSE2 E-Field Probe with following specifications is used:

- Dynamic range: 0.01-100 W/kg
- Tip diameter: 2mm for SSE2
- Distance between probe tip and sensor centre: 1mm for SSE2
- Distance between sensor centre and the inner phantom surface: 2mm for $f \geq 4\text{GHz}$.
- Probe linearity: $<0.25\text{dB}$.
- Axial Isotropy: $<0.25\text{dB}$.
- Spherical Isotropy: $<0.50\text{dB}$.
- Calibration range: 150 to 6000 MHz for head & body simulating liquid
- Angle between probe axis (evaluation axis) and surface normal line: less than 20° .



4.2.4 Phantoms

SAM Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The probe scanning of the E-Field is done in the 2 halves of the normalized head. The normalized shape of the phantom corresponds to the dimensions of 90% of an adult head size. It enables the dosimetric evaluation of left and right-hand phone usage and includes an additional flat phantom part for the simplified body performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.



SAM Phantom

The thickness of the phantom amounts to $2\text{ mm} \pm 0.2\text{ mm}$. The materials for the phantom do not affect the radiation of the device under test (DUT) : $\epsilon_r' < 5$
The head is filled with tissue simulating liquid. The hand do not have to be modeled.

TWIN SAM phantom

	Mechanical	Electrical	
Overall thickness	$2 \pm 0.2\text{ mm}$ (except ear area)	Relative permittivity	3.4
Dimensions	1000 mm(L) x 500 mm(W) x 200 mm(H)	Loss tangent	0.02
Maximum volume	27 L		
Material	Fiberglass based		

ELLIPTICAL Phantom

The phantom is for Body performance check filled with tissue-equivalent liquid to a depth of at least 150 mm, whose shell material is resistant to damage or reaction with tissue-equivalent liquid chemicals.



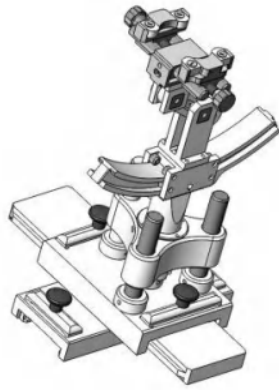
ELLI Phantom

The shape of the phantom is an ellipse with length $600\text{ mm} \pm 5\text{ mm}$ and width $400\text{ mm} \pm 5\text{ mm}$.
The phantom shell is made of low-loss and low-permittivity material, having loss tangent $\tan \delta \leq 0.05$ and relative permittivity:
 $\epsilon_r' \leq 5$ for $f \leq 3\text{ GHz}$
 $3 \leq \epsilon_r' \leq 5$ for $f > 3\text{ GHz}$
The thickness of the bottom-wall of the flat phantom is 2.0 mm with a tolerance of $\pm 0.2\text{ mm}$.

Technical & mechanical characteristics

Shell thickness	$2\text{ mm} \pm 0.2\text{ mm}$
Filling volume	25 L
Dimensions	600 mm x 400 mm x 200 mm
Permittivity	4.4
Loss tangent	0.017

4.2.5 Device Holder



System Material	Permittivity	Loss tangent
Delrin	3.7	0.005

(The positioning system allows obtaining cheek and tilting position with a very good accuracy. In compliance with CENELEC, the tilt angle uncertainty is lower than 1°.)

System Material	Permittivity	Loss tangent
PMMA	2.9	0.028

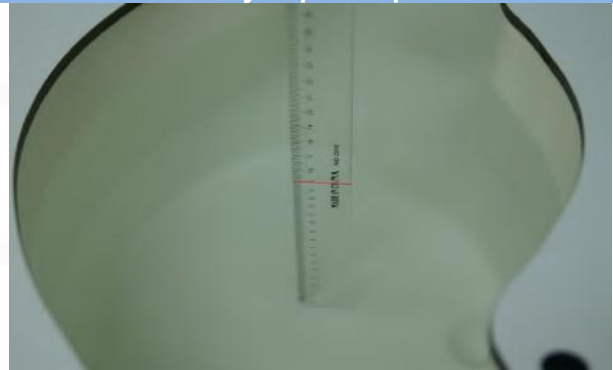
4.2.6 Simulating Liquid

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5%.

Head Liquid Depth



Body Liquid Depth



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

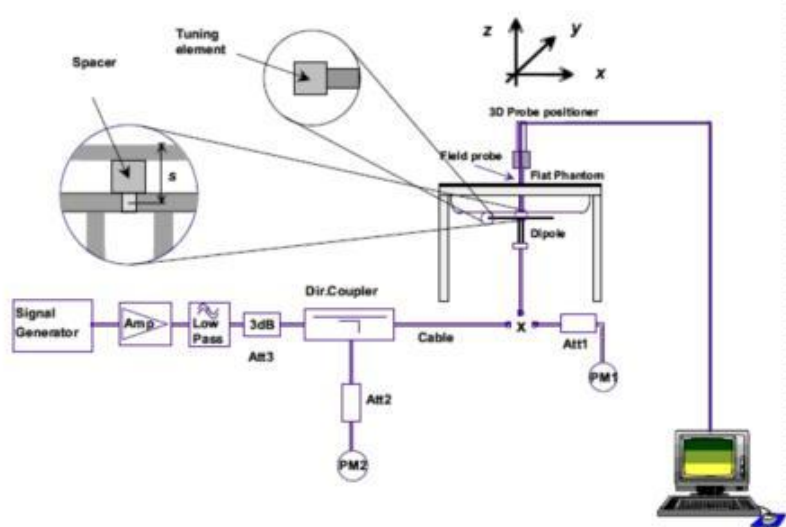
Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.40	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
3500	56.3	0	0	0.1	0	46.3	2.91	37.9
3700	56.7	0	0	0.1	0	46.1	3.12	37.7
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
5400	62.52	17.24			17.24		4.86	35.8
5600	62.52	17.24			17.24		5.07	35.5
5800	62.52	17.24			17.24		5.27	35.3

5. System Verification

5.1 Purpose of System Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal SAR measurements in a simplified setup with a well characterized source. The setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

5.2 System Check Setup



6. TEST POSITION CONFIGURATIONS

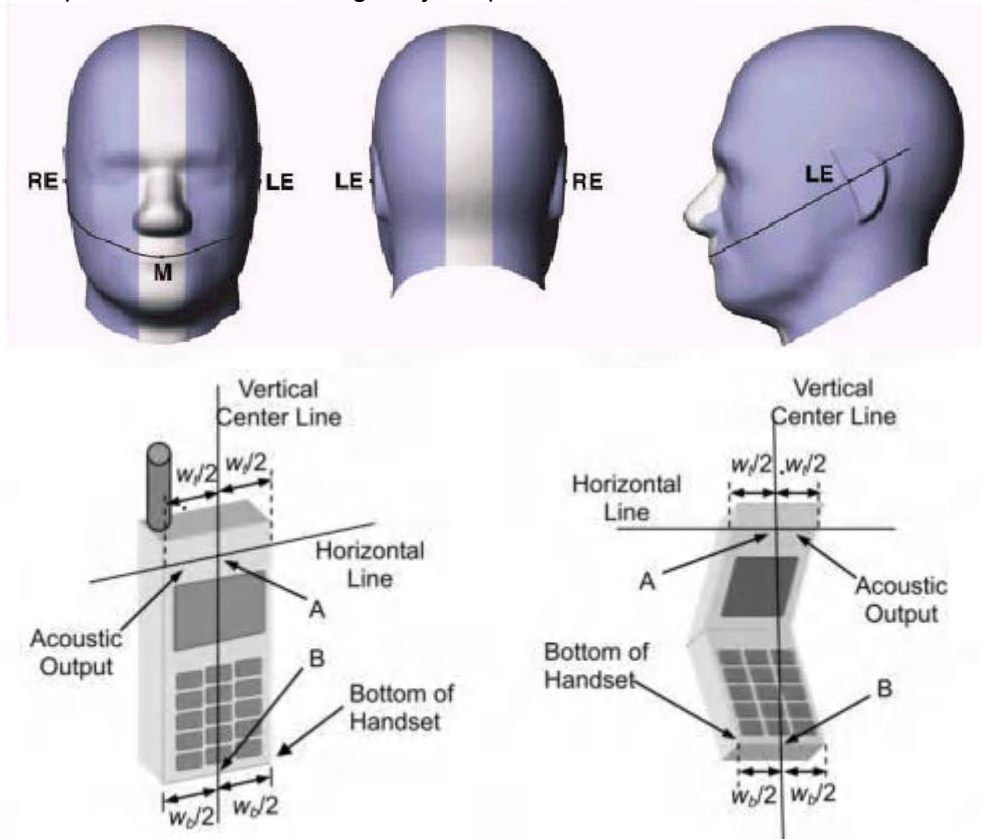
According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

6.1 Head Exposure Conditions

Head exposure is limited to next to the ear voice mode operations. Head SAR compliance is tested according to the test positions defined in IEEE Std 1528-2013 using the SAM phantom illustrated as below.

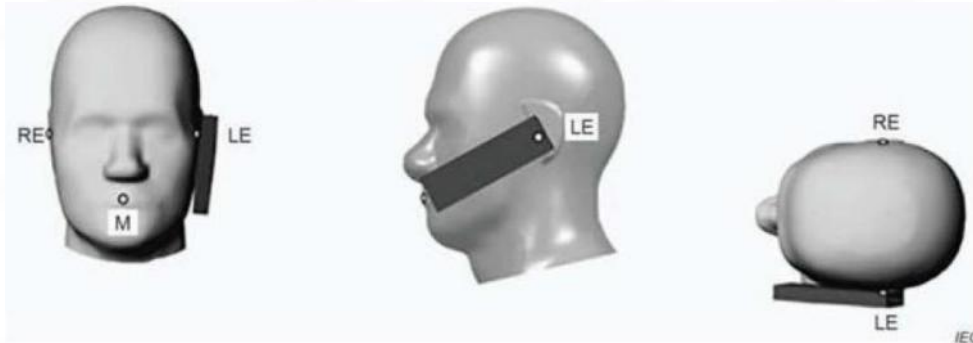
6.1.1 Two Imaginary Lines on the Handset

- The vertical center line passes through two points on the front side of the handset - the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the bottom of the handset.
- The horizontal line is perpendicular to the vertical center line and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical center line is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



6.1.2 Two Imaginary Lines on the Handset

- To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.



6.1.3 Titled Position

- To position the device in the “cheek” position described above.
- While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.

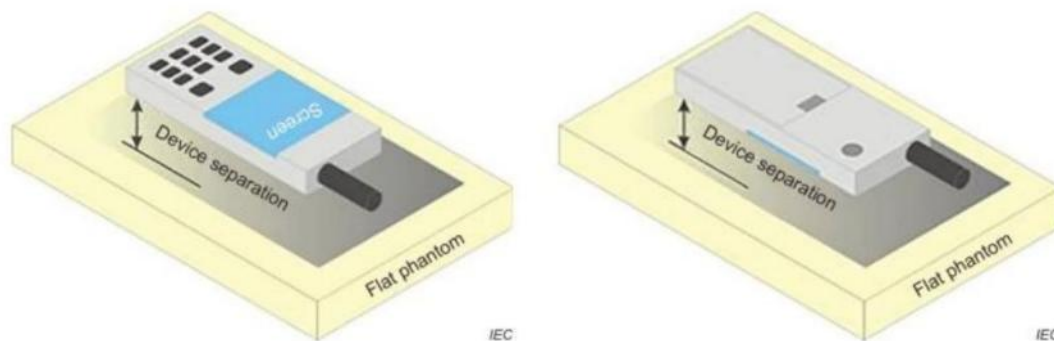


6.2 Body-worn Position Conditions

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB 447498 are used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode. When the reported SAR for a body-worn accessory.

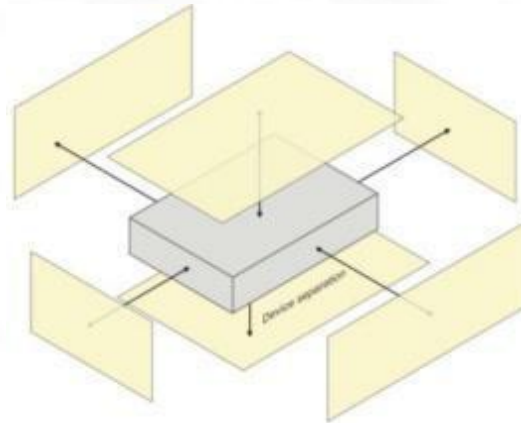
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics. All body-worn accessories containing metallic components are tested in conjunction with the host device.

Body-worn accessory SAR compliance is based on a single minimum test separation distance for all wireless and operating modes applicable to each body-worn accessory used by the host, and according to the relevant voice and/or data mode transmissions and operations. If a body-worn accessory supports voice only operations in its normal and expected use conditions, testing of data mode for body-worn compliance is not required. A conservative minimum test separation distance for supporting off-the-shelf body-worn accessories that may be acquired by users of consumer handsets is used to test for body-worn accessory SAR compliance. This distance is determined by the handset manufacturer, according to the requirements of Supplement C 01-01. Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, will be tested using a conservative minimum test separation distance ≤ 5 mm to support compliance.



6.3 Hotspot Mode Exposure Position Conditions

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing functions, the relevant hand and body exposure conditions are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge. When the form factor of a handset is smaller than 9 cm x 5 cm, a test separation distance of 5 mm (instead of 10 mm) is required for testing hotspot mode. When the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).



6.4 Product Specific 10g Exposure Consideration

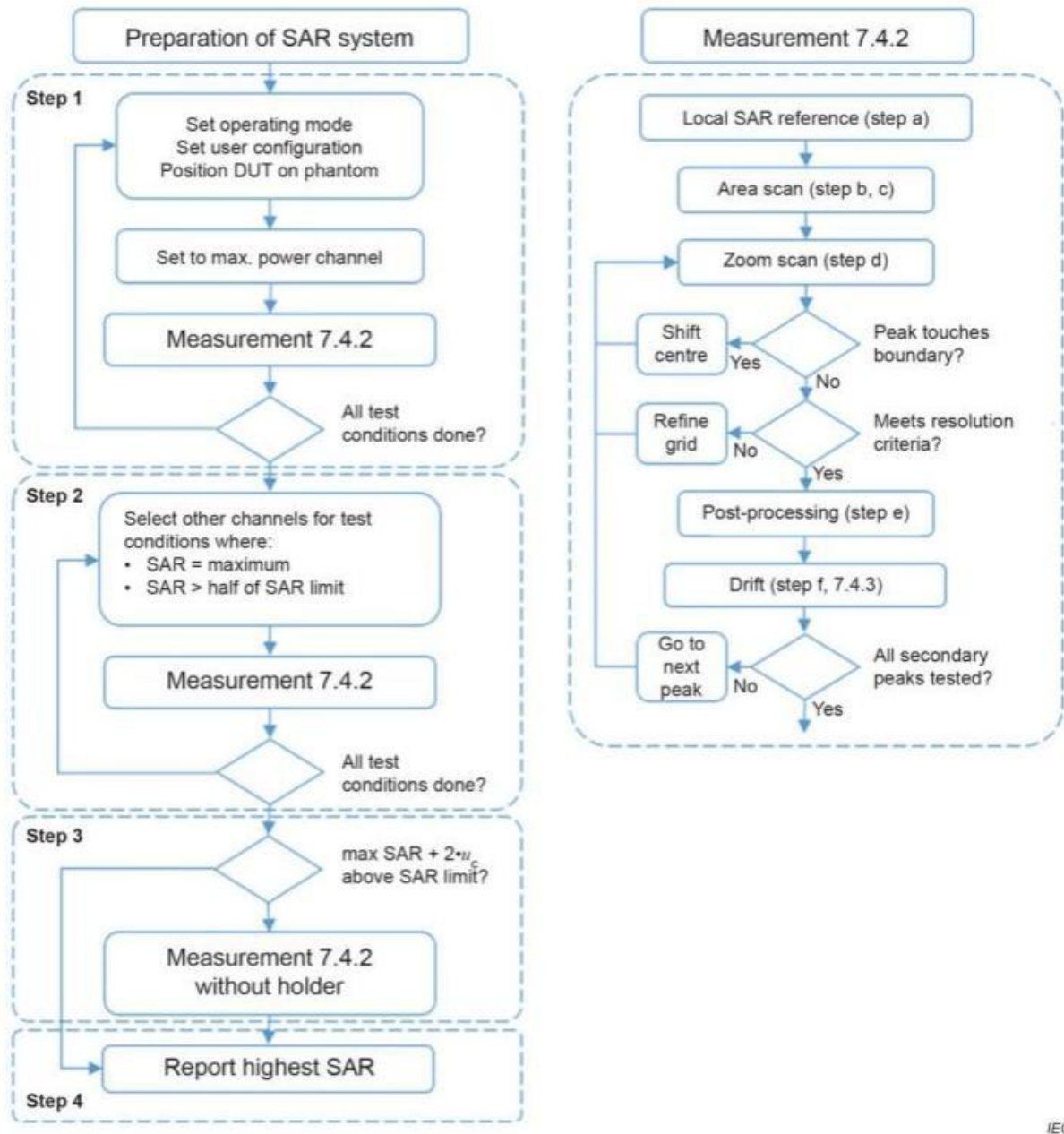
According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance;

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

7. Measurement Procedure

7.1 Measurement Process Diagram

Body SAR



IEC

7.2 SAR Scan General Requirement

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

			≤3GHz	>3GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			5±1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location			30°±1°	20°±1°
Maximum area scan spatial resolution: Δx Area , Δy Area			≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3–4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx Zoom , Δy Zoom			≤ 2 GHz: ≤ 8 mm 2 –3 GHz: ≤ 5 mm*	3–4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: Δz Zoom (n)		≤ 5 mm	3–4 GHz: ≤ 4 mm
				4–5 GHz: ≤ 3 mm
				5–6 GHz: ≤ 2 mm
	graded grid	Δz Zoom (1): between 1st two points closest to phantom surface	≤ 4 mm	3–4 GHz: ≤ 3 mm
				4–5 GHz: ≤ 2.5 mm
				5–6 GHz: ≤ 2 mm
		Δz Zoom (n>1): between subsequent points		≤ 1.5·Δz Zoom (n-1)
Minimum zoom scan volume	x, y, z		≥30 mm	3–4 GHz: ≥ 28 mm
				4–5 GHz: ≥ 25 mm
				5–6 GHz: ≥ 22 mm
Note:				
1. δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528- 2011 for details.				
2. * When zoom scan is required and the reported SAR from the area scan based 1 g SAR estimation procedures of KDB				
447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

7.3 Measurement Procedure

The following steps are used for each test position

- a. Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- b. Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- c. Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- d. Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 * 32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

7.4 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g.

When the 1 g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

8. Conducted RF Output Power

8.1 WCDMA

Mode		Maximum Tune-up(dBm)	WCDMA Band II		
			Conducted Power (dBm)		
			CH9262	CH9400	CH9538
RMC 12.2K		23.50	23.30	23.18	22.99
HSDPA	Subtest-1	22.00	21.51	21.35	21.15
	Subtest-2	22.00	21.51	21.34	21.16
	Subtest-3	22.00	21.52	21.34	21.16
	Subtest-4	22.00	21.51	21.34	21.17
HSUPA	Subtest-1	19.50	19.25	18.67	18.75
	Subtest-2	19.50	18.97	19.05	18.77
	Subtest-3	19.00	18.96	18.76	18.47
	Subtest-4	19.00	18.51	18.62	17.88
	Subtest-5	19.00	18.51	18.61	17.88
Mode		Maximum Tune-up(dBm)	WCDMA Band IV		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
RMC 12.2K		24.00	23.46	23.56	23.62
HSDPA	Subtest-1	22.00	21.51	21.60	21.69
	Subtest-2	22.00	21.52	21.60	21.70
	Subtest-3	22.00	21.50	21.61	21.69
	Subtest-4	22.00	21.52	21.60	21.66
HSUPA	Subtest-1	16.50	16.03	16.41	12.56
	Subtest-2	17.50	16.17	17.18	15.89
	Subtest-3	17.50	17.33	17.24	15.53
	Subtest-4	17.50	16.54	17.05	15.38
	Subtest-5	16.50	15.54	16.27	15.29
Mode		Maximum Tune-up(dBm)	WCDMA Band V		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
RMC 12.2K		24.00	23.56	23.59	23.45
HSDPA	Subtest-1	22.00	21.80	21.75	21.58
	Subtest-2	22.00	21.80	21.75	21.68
	Subtest-3	22.00	21.75	21.75	21.63
	Subtest-4	22.00	21.74	21.74	21.60
HSUPA	Subtest-1	20.00	19.81	19.58	19.72
	Subtest-2	20.50	19.82	20.07	19.98
	Subtest-3	20.50	20.09	20.31	19.68
	Subtest-4	19.50	18.81	19.23	18.95
	Subtest-5	19.50	18.83	19.29	19.22
Per KDB 941225 D01, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/2$ dB higher than the primary mode (RMC12.2kbps) or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.					

8.2 LTE

Band 2

LTE-FDD Band 2				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		18607	18900	19193
					1850.7MHz	1880.0MHz	1909.3MHz
1.4MHz	QPSK	1	0	23.00	18.62	22.66	22.52
			2	23.00	18.68	22.72	22.53
			5	23.00	18.65	22.68	22.49
		3	0	23.00	18.57	22.70	22.49
			2	23.00	18.59	22.68	22.52
			3	23.00	18.59	22.68	22.47
		6	0	22.00	17.62	21.68	21.53
	16QAM	1	0	22.00	17.72	21.88	21.66
			2	22.00	17.75	21.79	21.63
			5	22.00	17.74	21.78	21.64
		3	0	22.00	17.64	21.70	21.63
			2	22.00	17.70	21.72	21.57
			3	22.00	17.66	21.66	21.60
		6	0	21.00	16.66	20.73	20.50
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18615	18900	19185
					1851.5MHz	1880.0MHz	1908.5MHz
3MHz	QPSK	1	0	23.00	22.61	22.60	22.50
			7	23.00	22.64	22.72	22.55
			14	23.00	22.57	22.58	22.47
		8	0	22.00	21.65	21.64	21.61
			4	22.00	21.70	21.73	21.60
			7	22.00	21.68	21.69	21.57
		15	0	22.00	21.68	21.62	21.59
	16QAM	1	0	22.00	21.74	21.67	21.75
			7	22.00	21.86	21.81	21.77
			14	22.00	21.72	21.79	21.68
		8	0	21.00	20.72	20.68	20.62
			4	21.00	20.75	20.78	20.62
			7	21.00	20.71	20.72	20.57
		15	0	21.00	20.68	20.63	20.58
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18625	18900	19175
					1852.5MHz	1880.0MHz	1907.5MHz
5MHz	QPSK	1	0	23.00	22.65	22.72	22.63
			13	23.00	22.74	22.79	22.72
			24	23.00	22.66	22.72	22.63
		12	0	22.00	21.71	21.71	21.65
			6	22.00	21.73	21.79	21.67
			13	22.00	21.71	21.79	21.64
		25	0	22.00	21.71	21.68	21.64
	16QAM	1	0	22.00	21.71	21.82	21.79
			13	22.00	21.72	21.92	21.82
			24	22.00	21.76	21.81	21.64
		12	0	21.00	20.78	20.74	20.72
			6	21.00	20.77	20.82	20.74
			13	21.00	20.74	20.78	20.71
		25	0	21.00	20.74	20.73	20.69

LTE-FDD Band 2				Maximum Tune-up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		18650	18900	19150		
					1855.0MHz	1880.0MHz	1905.0MHz		
10MHz	QPSK	1	0	23.00	22.71	22.68	22.58		
			25	23.00	22.67	22.73	22.66		
			49	23.00	22.70	22.68	22.59		
		25	0	22.00	21.74	21.73	21.62		
			13	22.00	21.79	21.76	21.65		
			25	22.00	21.76	21.80	21.68		
		50	0	22.00	21.78	21.74	21.64		
			16QAM	1	0	22.00	21.86	21.82	21.74
					25	22.00	21.82	21.80	21.83
	49	22.00			21.83	21.77	21.76		
	25	0		22.00	21.81	21.73	21.86		
		13		22.00	21.80	21.86	21.92		
		25		22.00	21.76	21.91	21.87		
	50	0	21.00	20.84	20.84	20.95			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18675	18900	19125	
1857.5MHz						1880.0MHz	1902.5MHz		
15MHz	QPSK	1	0	22.50	22.41	22.42	22.45		
			38	22.50	22.45	22.49	22.44		
			74	22.50	22.44	22.45	22.42		
		36	0	22.00	21.49	21.51	21.42		
			18	22.00	21.51	21.51	21.52		
			39	22.00	21.52	21.61	21.48		
		75	0	22.00	21.56	21.50	21.44		
			16QAM	1	0	22.00	21.61	21.58	21.63
					38	22.00	21.68	21.63	21.62
	74	22.00			21.56	21.59	21.62		
	36	0		22.00	21.49	21.63	21.45		
		18		22.00	21.63	21.63	21.66		
		39		22.00	21.62	21.63	21.61		
	75	0	21.00	20.54	20.60	20.60			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18700	18900	19100	
1860.0MHz						1880.0MHz	1900.0MHz		
20MHz	QPSK	1	0	23.00	22.47	22.57	22.41		
			50	23.00	22.52	22.57	22.49		
			99	23.00	22.54	22.44	22.39		
		50	0	22.00	21.46	21.50	21.41		
			25	22.00	21.62	21.56	21.52		
			50	22.00	21.55	21.59	21.47		
		100	0	22.00	21.56	21.53	21.52		
			16QAM	1	0	22.00	21.47	21.52	21.75
					50	22.00	21.62	21.68	21.71
	99	22.00			21.67	21.58	21.68		
	50	0		22.00	21.48	21.56	21.48		
		25		22.00	21.68	21.67	21.65		
		50		22.00	21.62	21.60	21.57		
	100	0	21.00	20.45	20.47	20.62			

Band 4

LTE-FDD Band 4				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		19957	20175	20393
					1710.7MHz	1732.5MHz	1754.3MHz
1.4MHz	QPSK	1	0	23.00	22.52	22.57	22.69
			2	23.00	22.54	22.56	22.71
			5	23.00	22.48	22.53	22.63
		3	0	23.00	22.54	22.54	22.69
			2	23.00	22.54	22.55	22.64
			3	23.00	22.51	22.56	22.66
		6	0	22.00	21.55	21.58	21.66
	16QAM	1	0	22.00	21.71	21.62	21.79
			2	22.00	21.77	21.57	21.82
			5	22.00	21.66	21.65	21.79
		3	0	22.00	21.65	21.54	21.79
			2	22.00	21.61	21.57	21.78
			3	22.00	21.63	21.58	21.80
		6	0	21.00	20.62	20.60	20.67
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	19965	20175	20385
					1711.5MHz	1732.5MHz	1753.5MHz
3MHz	QPSK	1	0	23.00	22.48	22.42	22.61
			7	23.00	22.53	22.52	22.73
			14	23.00	22.43	22.43	22.67
		8	0	22.00	21.57	21.46	21.64
			4	22.00	21.58	21.54	21.73
			7	22.00	21.55	21.54	21.73
		15	0	22.00	21.59	21.47	21.63
	16QAM	1	0	22.00	21.67	21.43	21.74
			7	22.00	21.64	21.62	21.86
			14	22.00	21.52	21.60	21.85
		8	0	21.00	20.61	20.52	20.67
			4	21.00	20.59	20.63	20.76
			7	21.00	20.56	20.55	20.73
		15	0	21.00	20.59	20.48	20.66
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	19976	20175	20375
					1712.5MHz	1732.5MHz	1752.5MHz
5MHz	QPSK	1	0	19.00	18.51	17.97	17.75
			13	19.00	18.51	17.96	17.69
			24	18.50	18.34	17.88	17.63
		12	0	18.00	17.55	16.95	16.76
			6	18.00	17.55	17.03	16.73
			13	17.50	17.48	16.99	16.71
		25	0	18.00	17.51	16.95	16.70
	16QAM	1	0	17.50	17.48	16.99	16.86
			13	18.00	17.52	17.05	16.84
			24	17.50	17.35	16.94	16.81
		12	0	17.00	16.58	15.96	15.79
			6	17.00	16.55	16.06	15.76
			13	17.00	16.50	16.00	15.76
		25	0	17.00	16.51	15.93	15.73

LTE-FDD Band 4				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20000	20175	20350
					1715.0MHz	1732.5MHz	1750.0MHz
10MHz	QPSK	1	0	18.50	18.44	18.03	17.87
			25	18.50	18.34	18.03	17.80
			49	18.50	18.22	17.96	17.63
		25	0	17.50	17.44	16.99	16.81
			13	17.50	17.45	17.06	16.78
			25	17.50	17.34	17.01	16.77
		50	0	17.50	17.49	16.98	16.77
	16QAM	1	0	18.00	17.57	17.12	16.92
			25	18.00	17.51	17.09	16.97
			49	17.50	17.36	17.06	16.84
		25	0	22.50	21.90	21.94	22.00
			13	22.50	21.97	22.03	22.00
			25	22.50	21.95	22.03	22.07
		50	0	21.50	20.91	20.98	21.10
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20025	20175	20325
					1717.5MHz	1732.5MHz	1747.5MHz
15MHz	QPSK	1	0	18.50	18.39	17.69	17.98
			38	18.50	18.11	18.09	17.98
			74	18.00	17.85	17.99	17.78
		36	0	17.50	17.19	17.06	17.01
			18	17.50	17.18	17.06	16.98
			39	17.50	17.01	17.08	16.92
		75	0	17.50	17.16	17.05	16.96
	16QAM	1	0	17.50	17.44	17.15	17.03
			38	17.50	17.25	17.27	17.11
			74	17.50	16.99	17.21	16.93
		36	0	22.00	21.61	21.60	21.59
			18	22.00	21.71	21.73	21.66
			39	22.00	21.72	21.70	21.72
		75	0	21.00	20.60	20.69	20.82
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20050	20175	20300
					1720.0MHz	1732.5MHz	1745.0MHz
20MHz	QPSK	1	0	19.00	18.66	18.16	17.99
			50	18.50	18.35	18.09	18.07
			99	18.50	18.13	17.98	17.84
		50	0	17.50	17.47	17.18	17.02
			25	17.50	17.44	17.13	17.01
			50	17.50	17.33	17.09	16.97
		100	0	17.50	17.45	17.12	16.98
	16QAM	1	0	18.00	17.68	17.19	17.11
			50	18.00	17.53	17.27	17.46
			99	17.50	17.22	17.14	16.99
		50	0	22.00	21.61	21.62	21.64
			25	22.00	21.72	21.80	21.80
			50	22.00	21.69	21.72	21.75
		100	0	21.00	20.58	20.65	20.78

Band 5

LTE-FDD Band 5				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20407	20525	20643
					824.7MHz	836.5MHz	848.3MHz
1.4MHz	QPSK	1	0	15.50	15.21	14.97	15.28
			2	15.50	15.23	14.95	15.35
			5	15.50	15.15	14.96	15.11
		3	0	15.50	15.22	14.83	15.19
			2	15.50	15.18	14.91	15.10
			3	15.50	15.15	14.82	14.99
		6	0	14.50	14.20	13.82	14.19
	16QAM	1	0	14.50	14.37	14.00	14.26
			2	14.50	14.43	14.19	14.34
			5	14.50	13.95	13.95	14.02
		3	0	14.50	14.04	13.94	14.23
			2	14.50	14.05	13.94	14.18
			3	14.50	14.06	13.87	14.06
		6	0	13.50	12.99	12.88	13.25
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20415	20525	20635
					825.5MHz	836.5MHz	847.5MHz
3MHz	QPSK	1	0	16.00	15.54	15.34	14.92
			7	16.00	15.61	15.40	14.98
			14	15.50	15.49	15.22	14.62
		8	0	15.00	14.61	14.35	13.98
			4	15.00	14.61	14.33	14.20
			7	15.00	14.53	14.32	14.04
		15	0	15.00	14.57	14.30	14.06
	16QAM	1	0	15.00	14.57	14.40	14.08
			7	15.00	14.68	14.52	14.10
			14	15.00	14.51	14.00	13.83
		8	0	14.00	13.66	13.02	13.00
			4	14.00	13.61	12.98	13.03
			7	14.00	13.59	13.06	13.03
		15	0	14.00	13.64	12.96	13.10
LTE-FDD Band 5				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20425	20525	20625
					826.5MHz	836.5MHz	846.5MHz
5MHz	QPSK	1	0	15.50	15.19	15.49	15.31
			13	16.00	15.55	15.43	15.57
			24	16.00	15.60	15.34	15.58
		12	0	14.50	14.20	14.46	14.47
			6	14.50	14.43	14.18	14.35
			13	14.50	14.45	14.33	14.39
		25	0	14.50	14.45	14.37	14.42
	16QAM	1	0	15.00	14.53	14.61	14.34
			13	15.00	14.63	14.69	14.61
			24	15.00	14.53	14.32	14.45
		12	0	14.00	13.50	13.40	13.34
			6	14.00	13.59	13.30	13.44
			13	14.00	13.55	13.32	13.56
		25	0	14.00	13.53	13.41	13.44

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	15.00	14.94	14.94	14.85
			25	15.50	15.21	15.34	15.11
			49	16.00	15.58	14.89	15.26
		25	0	14.50	13.95	13.97	14.04
			13	14.50	14.11	13.97	14.12
			25	14.50	14.05	14.42	14.25
		50	0	14.50	14.05	14.42	14.15
	16QAM	1	0	15.00	14.04	14.50	13.94
			25	14.50	14.01	14.48	14.15
			49	15.00	14.07	14.51	14.34
		25	0	22.00	21.77	21.77	21.70
			13	22.00	21.83	21.77	21.71
			25	22.00	21.80	21.74	21.66
		50	0	21.00	20.83	20.80	20.81

Band 7

LTE-FDD Band 7				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20775	21100	21425
					2502.5MHz	2535.0MHz	2567.5MHz
5MHz	QPSK	1	0	20.00	18.02	19.00	19.52
			13	20.00	18.17	19.15	19.59
			24	20.00	18.14	19.12	19.50
		12	0	19.00	17.29	18.04	18.54
			6	19.00	17.30	18.13	18.53
			13	19.00	17.29	18.14	18.61
		25	0	19.00	17.25	18.02	18.52
	16QAM	1	0	19.00	17.22	17.96	18.68
			13	19.00	17.33	18.15	18.79
			24	19.00	17.33	18.19	18.70
		12	0	18.00	16.31	17.02	17.57
			6	18.00	16.33	17.11	17.54
			13	18.00	16.32	17.17	17.65
		25	0	18.00	16.33	17.06	17.56
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20800	21100	21400
					2505.0MHz	2535.0MHz	2565.0MHz
10MHz	QPSK	1	0	23.00	22.17	22.40	22.57
			25	23.00	22.21	22.49	22.64
			49	23.00	22.14	22.52	22.59
		25	0	22.00	21.18	21.44	21.63
			13	22.00	21.28	21.48	21.64
			25	22.00	21.27	21.57	21.71
		50	0	22.00	21.28	21.49	21.64
	16QAM	1	0	22.00	21.32	21.58	21.71
			25	22.00	21.39	21.71	21.75
			49	22.00	21.32	21.73	21.78
		25	0	22.00	21.12	21.41	21.54
			13	22.00	21.23	21.52	21.68
			25	22.00	21.24	21.56	21.63
		50	0	21.00	20.20	20.49	20.78

LTE-FDD Band 7				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		20825	21100	21375
					2507.5MHz	2535.0MHz	2562.5MHz
15MHz	QPSK	1	0	22.50	21.94	22.01	22.34
			38	22.50	21.98	22.19	22.41
			74	22.50	21.98	22.21	22.37
		36	0	21.50	20.96	21.27	21.44
			18	22.00	21.05	21.32	21.54
			39	22.00	21.07	21.42	21.50
		75	0	22.00	21.05	21.29	21.51
	16QAM	1	0	22.00	21.01	21.27	21.50
			38	22.00	21.17	21.39	21.62
			74	22.00	21.15	21.66	21.47
		36	0	21.50	20.99	21.22	21.40
			18	21.50	21.12	21.37	21.45
			39	21.50	21.08	21.38	21.45
		75	0	21.00	19.95	20.28	20.53
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20850	21100	21350
					2510.0MHz	2535.0MHz	2560.0MHz
20MHz	QPSK	1	0	23.00	21.87	22.15	22.50
			50	22.50	22.10	22.26	22.42
			99	22.50	22.03	22.34	22.30
		50	0	21.50	20.93	21.28	21.45
			25	22.00	21.07	21.35	21.57
			50	22.00	21.07	21.44	21.51
		100	0	22.00	21.03	21.33	21.53
	16QAM	1	0	21.50	20.95	21.23	21.49
			50	22.00	21.10	21.44	21.61
			99	22.00	21.21	21.52	21.65
		50	0	21.50	20.95	21.14	21.38
			25	22.00	21.11	21.42	21.55
			50	21.50	21.08	21.46	21.44
		100	0	21.00	19.94	20.25	20.54

Band 12

LTE-FDD Band 12				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23017	23095	23173
					699.7MHz	707.5MHz	715.3MHz
1.4MHz	QPSK	1	0	23.00	22.96	22.65	22.62
			2	23.50	23.00	22.69	22.57
			5	23.50	23.00	22.65	22.60
		3	0	23.00	22.96	22.65	22.58
			2	23.00	22.95	22.69	22.53
			3	23.00	22.93	22.63	22.55
		6	0	22.00	21.96	21.65	21.56
	16QAM	1	0	22.50	22.14	21.82	21.75
			2	22.50	22.17	21.82	21.75
			5	22.50	22.15	21.78	21.72
		3	0	22.50	22.04	21.71	21.66
			2	22.50	22.03	21.70	21.60
			3	22.50	22.03	21.65	21.65
		6	0	21.50	21.02	20.63	20.62

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23025	23095	23165
					700.5MHz	707.5MHz	714.5MHz
3MHz	QPSK	1	0	23.50	23.06	22.69	22.56
			7	23.50	23.02	22.70	22.61
			14	23.00	22.93	22.61	22.47
		8	0	22.50	22.07	21.73	21.59
			4	22.00	21.97	21.72	21.60
			7	22.00	21.91	21.68	21.63
		15	0	22.00	21.94	21.70	21.60
	16QAM	1	0	22.50	22.14	21.85	21.64
			7	22.50	22.19	21.84	21.77
			14	22.00	21.97	21.74	21.70
		8	0	21.50	21.05	20.76	20.67
			4	21.50	21.02	20.79	20.66
			7	21.00	20.93	20.70	20.67
		15	0	21.50	21.02	20.76	20.56
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	23.50	23.10	22.70	22.63
			13	23.50	23.00	22.73	22.69
			24	23.00	22.90	22.68	22.58
		12	0	22.50	22.09	21.76	21.62
			6	22.00	21.94	21.73	21.63
			13	22.00	21.90	21.72	21.64
		25	0	22.00	21.95	21.74	21.61
	16QAM	1	0	22.50	22.17	21.76	21.85
			13	22.50	22.13	21.79	21.85
			24	22.00	21.93	21.71	21.78
		12	0	21.50	21.07	20.75	20.66
			6	21.00	20.95	20.74	20.64
			13	21.00	20.90	20.71	20.66
		25	0	21.00	20.93	20.73	20.62
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23060	23095	23130
					704.0MHz	707.5MHz	711.0MHz
10MHz	QPSK	1	0	23.00	22.96	22.81	22.73
			25	23.00	22.81	22.69	22.72
			49	23.00	22.69	22.62	22.54
		25	0	22.00	21.90	21.74	21.68
			13	22.00	21.92	21.77	21.67
			25	22.00	21.74	21.69	21.68
		50	0	22.00	21.91	21.80	21.73
	16QAM	1	0	22.50	22.09	21.90	21.77
			25	22.00	21.92	21.75	21.76
			49	22.00	21.74	21.70	21.62
		25	0	22.00	21.96	21.83	21.59
			13	22.00	21.83	21.72	21.62
			25	22.00	21.71	21.67	21.62
		50	0	21.00	20.97	20.79	20.74

Band 13

LTE-FDD Band 13				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23205	23230	23255
					779.5MHz	782.0MHz	784.5MHz
5MHz	QPSK	1	0	23.50	23.19	23.22	23.23
			13	23.50	23.28	23.27	23.27
			24	23.50	23.25	23.21	23.19
		12	0	22.50	22.17	22.19	22.17
			6	22.50	22.24	22.20	22.16
			13	22.50	22.24	22.25	22.18
		25	0	22.50	22.24	22.16	22.14
	16QAM	1	0	22.50	22.23	22.23	22.45
			13	22.50	22.38	22.45	22.49
			24	22.50	22.43	22.30	22.36
		12	0	21.50	21.17	21.21	21.22
			6	21.50	21.25	21.21	21.13
			13	21.50	21.29	21.26	21.21
		25	0	21.50	21.26	21.19	21.17
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23230		
					782.0MHz		
10MHz	QPSK	1	0	23.50	23.16		
			25	23.50	23.27		
			49	23.50	23.16		
		25	0	22.50	22.20		
			13	22.50	22.24		
			25	22.50	22.26		
		50	0	22.50	22.23		
	16QAM	1	0	22.50	22.26		
			25	22.50	22.40		
			49	22.50	22.23		
		25	0	22.50	22.15		
			13	22.50	22.21		
			25	22.50	22.21		
		50	0	21.50	21.27		

Band 25

LTE-FDD Band 25				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26047	26365	26683
					1850.7MHz	1882.5MHz	1914.3MHz
1.4MHz	QPSK	1	0	23.00	22.62	22.57	22.59
			2	23.00	22.60	22.57	22.63
			5	23.00	22.50	22.52	22.60
		3	0	23.00	22.60	22.58	22.59
			2	23.00	22.51	22.56	22.58
			3	23.00	22.55	22.53	22.57
		6	0	22.00	21.55	21.55	21.59
	16QAM	1	0	22.00	21.68	21.68	21.76
			2	22.00	21.81	21.69	21.82
			5	22.00	21.68	21.68	21.78
		3	0	22.00	21.64	21.61	21.74
			2	22.00	21.68	21.60	21.70
			3	22.00	21.59	21.54	21.60
		6	0	21.00	20.61	20.61	20.62

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26055	26365	26675
					1851.5MHz	1882.5MHz	1913.5MHz
3MHz	QPSK	1	0	23.00	22.56	22.50	22.55
			7	23.00	22.67	22.56	22.68
			14	23.00	22.52	22.48	22.53
		8	0	22.00	21.62	21.60	21.56
			4	22.00	21.61	21.62	21.55
			7	22.00	21.56	21.59	21.64
		15	0	22.00	21.59	21.58	21.54
	16QAM	1	0	22.00	21.77	21.67	21.73
			7	22.00	21.76	21.75	21.72
			14	22.00	21.79	21.71	21.77
		8	0	21.00	20.60	20.65	20.60
			4	21.00	20.65	20.62	20.60
			7	21.00	20.62	20.59	20.67
		15	0	21.00	20.63	20.58	20.59
Bandwidth		Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26065	26365
	1852.5MHz					1882.5MHz	1912.5MHz
5MHz	QPSK	1	0	23.00	22.56	22.55	22.61
			13	23.00	22.67	22.67	22.78
			24	23.00	22.57	22.59	22.75
		12	0	22.00	21.68	21.56	21.61
			6	22.00	21.67	21.68	21.69
			13	22.00	21.65	21.65	21.69
		25	0	22.00	21.62	21.65	21.69
	16QAM	1	0	22.00	21.70	21.61	21.82
			13	22.00	21.82	21.71	21.87
			24	22.00	21.76	21.68	21.76
		12	0	21.00	20.68	20.59	20.63
			6	21.00	20.71	20.66	20.70
			13	21.00	20.66	20.65	20.69
		25	0	21.00	20.67	20.67	20.69
LTE-FDD Band 25				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26090	26365	26640
					1855.0MHz	1882.5MHz	1910.0MHz
10MHz	QPSK	1	0	23.00	22.62	22.52	22.52
			25	23.00	22.66	22.57	22.64
			49	23.00	22.59	22.55	22.66
		25	0	22.00	21.58	21.56	21.57
			13	22.00	21.70	21.67	21.70
			25	22.00	21.64	21.65	21.67
		50	0	22.00	21.66	21.67	21.60
	16QAM	1	0	22.00	21.66	21.69	21.65
			25	22.00	21.75	21.75	21.77
			49	22.00	21.72	21.75	21.79
		25	0	22.00	21.58	21.55	21.50
			13	22.00	21.67	21.66	21.58
			25	22.00	21.64	21.61	21.66
		50	0	21.00	20.63	20.59	20.74

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26115	26365	26615
					1857.5MHz	1882.5MHz	1907.5MHz
15MHz	QPSK	1	0	22.50	22.32	22.30	22.34
			38	22.50	22.39	22.35	22.44
			74	22.50	22.37	22.31	22.35
		36	0	21.50	21.41	21.35	21.36
			18	21.50	21.43	21.35	21.41
			39	21.50	21.43	21.38	21.42
		75	0	21.50	21.46	21.42	21.40
	16QAM	1	0	22.00	21.61	21.53	21.43
			38	22.00	21.64	21.57	21.56
			74	22.00	21.57	21.53	21.55
		36	0	21.50	21.38	21.37	21.36
			18	22.00	21.50	21.43	21.43
			39	21.50	21.46	21.42	21.38
		75	0	20.50	20.30	20.31	20.47
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26140	26365	26590
					1860.0MHz	1882.5MHz	1905.0MHz
20MHz	QPSK	1	0	22.50	22.36	22.35	22.35
			50	22.50	22.39	22.39	22.42
			99	22.50	22.27	22.30	22.35
		50	0	21.50	21.38	21.38	21.39
			25	22.00	21.50	21.45	21.48
			50	21.50	21.43	21.45	21.46
		100	0	21.50	21.46	21.47	21.47
	16QAM	1	0	21.50	21.37	21.37	21.48
			50	22.00	21.62	21.64	21.67
			99	22.00	21.43	21.49	21.73
		50	0	21.50	21.32	21.34	21.38
			25	22.00	21.49	21.44	21.51
			50	21.50	21.45	21.37	21.40
		100	0	20.50	20.39	20.32	20.48

Band 26 Part 90

LTE-FDD Band 26 Part 90				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26697	26740	26783
1.4MHz	QPSK	1	0	23.00	22.87	22.91	22.80
			2	23.00	22.92	22.85	22.88
			5	23.00	22.89	22.90	22.80
		3	0	23.00	22.84	22.84	22.77
			2	23.00	22.81	22.77	22.80
			3	23.00	22.79	22.91	22.77
		6	0	22.00	21.83	21.82	21.84
	16QAM	1	0	22.50	22.07	22.06	21.97
			2	22.50	22.00	21.96	22.10
			5	22.50	22.02	22.07	21.98
		3	0	22.00	21.92	21.90	21.90
			2	22.00	21.91	21.82	21.96
			3	22.00	21.97	21.84	21.87
		6	0	21.00	20.85	20.84	20.87

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26705	26740	26775
					815.5MHz	819.0MHz	822.5MHz
3MHz	QPSK	1	0	23.00	22.90	22.79	22.79
			7	23.00	22.97	22.90	22.88
			14	23.00	22.81	22.76	22.81
		8	0	22.00	21.92	21.89	21.88
			4	22.00	21.93	21.90	21.86
			7	22.00	21.87	21.87	21.85
		15	0	22.00	21.93	21.87	21.86
	16QAM	1	0	22.50	22.03	22.01	21.93
			7	22.50	22.04	21.99	22.09
			14	22.50	22.10	21.97	21.85
		8	0	21.00	20.93	20.91	20.92
			4	21.00	20.95	20.90	20.95
			7	21.00	20.91	20.86	20.89
		15	0	21.00	20.97	20.88	20.86

LTE-FDD Band 26 Part 90				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26715	26740	26765
					816.5MHz	819.0MHz	821.5MHz
5MHz	QPSK	1	0	23.00	22.89	22.94	22.90
			13	23.50	22.93	23.02	23.01
			24	23.00	22.92	22.93	22.89
		12	0	22.00	21.95	21.93	21.91
			6	22.00	21.92	21.92	21.93
			13	22.00	21.92	21.91	21.86
		25	0	22.00	21.91	21.92	21.90
	16QAM	1	0	22.50	21.92	22.01	22.09
			13	22.50	22.02	21.87	22.05
			24	22.50	21.98	21.99	22.01
		12	0	21.00	20.95	20.93	20.97
			6	21.00	20.92	20.92	20.94
			13	21.00	20.93	20.86	20.91
		25	0	21.00	20.93	20.92	20.91
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26740		
					819.0MHz		
10MHz	QPSK	1	0	23.00	22.88		
			25	23.00	22.90		
			49	23.00	22.80		
		25	0	22.00	21.80		
			13	22.00	21.92		
			25	22.00	21.87		
		50	0	22.00	21.92		
	16QAM	1	0	22.00	21.96		
			25	22.50	22.00		
			49	22.00	21.94		
		25	0	22.00	21.80		
			13	22.00	21.91		
			25	22.00	21.87		
		50	0	21.00	20.89		

Band 26 Part 22

LTE-FDD Band 26 Part 22				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26797	26915	27033
					824.7MHz	836.5MHz	848.3MHz
1.4MHz	QPSK	1	0	23.00	22.81	22.69	22.66
			2	23.00	22.86	22.75	22.30
			5	23.00	22.81	22.62	21.55
		3	0	23.00	22.82	22.66	22.36
			2	23.00	22.79	22.65	21.88
			3	23.00	22.77	22.71	21.62
		6	0	22.00	21.81	21.66	21.48
	16QAM	1	0	22.00	21.93	21.79	21.87
			2	22.00	21.88	21.75	21.43
			5	22.00	21.97	21.78	20.69
		3	0	22.00	21.94	21.69	21.60
			2	22.00	21.82	21.68	21.11
			3	22.00	21.86	21.71	20.85
		6	0	21.00	20.82	20.72	20.64
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26805	26915	27025
					825.5MHz	836.5MHz	847.5MHz
3MHz	QPSK	1	0	23.00	22.81	22.58	22.62
			7	23.00	22.89	22.68	22.68
			14	23.00	22.78	22.67	21.36
		8	0	22.00	21.85	21.67	21.61
			4	22.00	21.85	21.72	21.65
			7	22.00	21.82	21.69	21.67
		15	0	22.00	21.84	21.68	21.58
	16QAM	1	0	22.00	21.86	21.75	21.70
			7	22.50	22.00	21.80	21.68
			14	22.00	21.89	21.85	20.63
		8	0	21.00	20.86	20.62	20.65
			4	21.00	20.89	20.74	20.61
			7	21.00	20.81	20.69	20.66
		15	0	21.00	20.85	20.69	20.59

LTE-FDD Band 26 Part 22				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26815	26915	27015
					826.5MHz	836.5MHz	846.5MHz
5MHz	QPSK	1	0	23.00	22.85	22.70	22.62
			13	23.00	22.83	22.73	22.81
			24	23.00	22.73	22.70	21.43
		12	0	22.00	21.81	21.67	21.61
			6	22.00	21.89	21.65	21.61
			13	22.00	21.83	21.71	21.65
		25	0	22.00	21.85	21.63	21.64
	16QAM	1	0	22.00	21.83	21.72	21.74
			13	22.50	21.93	22.00	21.84
			24	22.00	21.92	21.73	20.83
		12	0	21.00	20.80	20.67	20.61
			6	21.00	20.85	20.64	20.62
			13	21.00	20.81	20.68	20.66
		25	0	21.00	20.84	20.67	20.61

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26840	26915	26990
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	23.00	22.84	22.66	22.60
			25	23.00	22.79	22.68	22.63
			49	23.00	22.69	22.58	21.57
		25	0	22.00	21.77	21.69	21.61
			13	22.00	21.85	21.78	21.62
			25	22.00	21.77	21.69	21.63
		50	0	22.00	21.83	21.70	21.68
	16QAM	1	0	22.50	22.04	21.80	21.68
			25	22.00	21.96	21.90	21.68
			49	22.00	21.87	21.68	20.86
		25	0	22.00	21.79	21.63	21.58
			13	22.00	21.79	21.64	21.59
			25	22.00	21.76	21.66	21.61
		50	0	21.00	20.78	20.72	20.70
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26865	26915	26965
					831.5MHz	836.5MHz	841.5MHz
15MHz	QPSK	1	0	23.00	22.60	22.41	22.40
			38	23.00	22.52	22.39	22.36
			74	22.50	22.38	22.26	21.84
		36	0	22.00	21.51	21.46	21.38
			18	22.00	21.57	21.42	21.32
			39	22.00	21.50	21.42	21.47
		75	0	22.00	21.58	21.44	21.52
	16QAM	1	0	22.00	21.70	21.57	21.46
			38	22.00	21.77	21.73	21.58
			74	22.00	21.66	21.47	21.17
		36	0	22.00	21.57	21.43	21.38
			18	22.00	21.62	21.44	21.35
			39	21.50	21.47	21.37	21.49
		75	0	20.50	20.49	20.46	20.42

Band 41

LTE-TDD Band 41				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		39675	40620	41565
5MHz	QPSK	1	0	23.00	22.63	22.62	22.48
			13	23.00	22.69	22.66	22.52
			24	23.00	22.64	22.60	22.44
		12	0	22.00	21.76	21.65	21.51
			6	22.00	21.74	21.73	21.52
			13	22.00	21.75	21.71	21.57
		25	0	22.00	21.76	21.72	21.50
	16QAM	1	0	22.00	21.53	21.46	21.38
			13	22.00	21.61	21.58	21.50
			24	22.00	21.67	21.52	21.42
		12	0	21.00	20.77	20.68	20.53
			6	21.00	20.78	20.74	20.51
			13	21.00	20.76	20.70	20.60
		25	0	21.00	20.76	20.72	20.51

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39700	40620	41540
					2501.0MHz	2593.0MHz	2685.0MHz
10MHz	QPSK	1	0	23.00	22.59	22.57	22.38
			25	23.00	22.75	22.60	22.49
			49	23.00	22.65	22.57	22.45
		25	0	22.00	21.80	21.67	21.49
			13	22.00	21.83	21.77	21.51
			25	22.00	21.82	21.72	21.55
		50	0	22.00	21.85	21.76	21.55
			0	22.00	21.52	21.56	21.32
			25	22.00	21.61	21.73	21.55
	16QAM	1	49	22.00	21.64	21.59	21.45
			0	22.00	21.61	21.59	21.43
			13	22.00	21.74	21.67	21.49
		25	25	22.00	21.73	21.63	21.44
			0	21.00	20.82	20.67	20.56

LTE-TDD Band 41				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		39725	40620	41515
15MHz	QPSK	1	0	23.00	22.52	22.41	22.20
			38	23.00	22.55	22.50	22.38
			74	23.00	22.52	22.33	22.19
		36	0	21.50	21.48	21.42	21.29
			18	22.00	21.61	21.50	21.34
			39	22.00	21.56	21.46	21.38
		75	0	22.00	21.59	21.48	21.31
	16QAM	1	0	21.50	21.31	21.47	21.12
			38	22.00	21.52	21.47	21.27
			74	22.00	21.56	21.39	21.23
		36	0	21.50	21.45	21.40	21.27
			18	22.00	21.58	21.49	21.26
			39	22.00	21.56	21.44	21.32
		75	0	20.50	20.44	20.41	20.36
20MHz	QPSK	1	0	22.50	22.44	22.49	22.25
			50	23.00	22.60	22.47	22.23
			99	23.00	22.50	22.25	22.28
		50	0	22.00	21.51	21.45	21.34
			25	22.00	21.67	21.52	21.35
			50	22.00	21.61	21.47	21.40
		100	0	22.00	21.60	21.50	21.32
	16QAM	1	0	21.50	21.46	21.39	21.33
			50	21.50	21.39	21.37	21.45
			99	21.50	21.34	21.39	21.42
		50	0	21.50	21.46	21.46	21.22
			25	22.00	21.65	21.50	21.32
			50	22.00	21.55	21.36	21.35
		100	0	20.50	20.45	20.41	20.38

Band 66

LTE-FDD Band 66				Maximum Tune-up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		131979	132322	132665		
					1710.7MHz	1745.0MHz	1779.3MHz		
1.4MHz	QPSK	1	0	23.50	22.71	22.85	23.04		
			2	23.50	22.74	22.85	23.02		
			5	23.50	22.68	22.82	23.03		
		3	0	23.50	22.76	22.89	23.00		
			2	23.00	22.73	22.89	22.97		
			3	23.50	22.70	22.86	23.03		
		6	0	22.50	21.72	21.89	22.00		
			16QAM	1	0	22.50	21.86	22.02	22.03
					2	22.50	21.88	22.00	22.16
	5	22.50			21.85	21.96	22.13		
	3	0		22.50	21.80	21.94	22.06		
		2		22.50	21.78	21.93	22.05		
		3		22.50	21.77	21.94	22.12		
	6	0		21.50	20.75	20.90	21.06		
	Bandwidth	Modulation		RB allocation	RB offset	Maximum Tune-up(dBm)	131987	132322	132657
							1711.5MHz	1745.0MHz	1778.5MHz
	3MHz	QPSK	1	0	23.00	22.69	22.73	22.89	
				7	23.00	22.78	22.83	22.98	
14				23.00	22.63	22.75	22.96		
8			0	22.00	21.72	21.77	21.99		
			4	22.50	21.78	21.86	22.07		
			7	22.50	21.71	21.83	22.04		
15			0	22.00	21.75	21.77	21.96		
16QAM			1	0	22.50	21.75	21.90	22.05	
				7	22.50	21.79	22.02	22.18	
		14		22.50	21.73	21.99	22.07		
		8	0	21.50	20.76	20.85	21.02		
			4	21.50	20.80	20.94	21.11		
			7	21.50	20.72	20.90	21.06		
		15	0	21.00	20.75	20.77	20.97		
		Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	131997	132322	132647
							1712.5MHz	1745.0MHz	1777.5MHz
5MHz		QPSK	1	0	23.00	22.74	22.86	22.99	
				13	23.50	22.82	22.87	23.07	
	24			23.00	22.75	22.84	22.98		
	12		0	22.00	21.77	21.81	21.93		
			6	22.50	21.77	21.84	22.03		
			13	22.50	21.78	21.90	22.02		
	25		0	22.00	21.78	21.81	21.99		
	16QAM		1	0	22.50	21.80	21.86	22.16	
				13	22.50	21.89	21.96	22.30	
		24		22.50	21.90	21.93	22.11		
		12	0	21.00	20.79	20.86	20.92		
			6	21.50	20.81	20.84	21.00		
			13	21.00	20.80	20.91	20.99		
		25	0	21.50	20.78	20.80	21.04		

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	132022	132322	132622	
					1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	QPSK	1	0	23.00	22.70	22.70	22.84	
			25	23.00	22.73	22.79	22.88	
			49	23.00	22.72	22.78	22.88	
		25	0	22.00	21.79	21.81	21.88	
			13	22.50	21.81	21.86	22.01	
			25	22.50	21.79	21.91	22.01	
	16QAM	50	0	22.50	21.84	21.83	22.03	
			0	22.50	21.77	21.92	22.01	
			25	22.50	21.75	22.00	22.07	
		1	49	22.50	21.85	22.03	22.09	
			25	0	22.00	21.68	21.73	21.86
				13	22.50	21.76	21.77	22.02
		25		22.00	21.77	21.82	21.97	
		50	0	21.50	20.83	20.84	21.03	
LTE-FDD Band 66				Maximum Tune-up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		132047	132322	132597	
					1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	QPSK	1	0	23.00	22.55	22.48	22.67	
			38	23.00	22.57	22.54	22.78	
			74	23.00	22.50	22.56	22.66	
		36	0	22.00	21.51	21.60	21.69	
			18	22.00	21.61	21.62	21.81	
			39	22.00	21.62	21.68	21.78	
	16QAM	75	0	22.00	21.61	21.63	21.78	
			0	22.00	21.65	21.69	21.70	
			38	22.00	21.80	21.82	21.82	
		1	74	22.00	21.60	21.76	21.81	
			36	0	22.00	21.46	21.52	21.66
				18	22.00	21.59	21.55	21.77
		39		22.00	21.59	21.64	21.80	
		75	0	21.00	20.52	20.59	20.83	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	132072	132322	132572	
					1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	QPSK	1	0	23.00	22.45	22.56	22.63	
			50	23.00	22.53	22.70	22.72	
			99	23.00	22.50	22.68	22.66	
		50	0	22.00	21.50	21.64	21.68	
			25	22.00	21.66	21.68	21.79	
			50	22.00	21.66	21.70	21.78	
	16QAM	100	0	22.00	21.65	21.67	21.77	
			0	22.00	21.48	21.71	21.76	
			50	22.00	21.72	21.90	21.98	
		1	99	22.00	21.52	21.81	21.96	
			50	0	22.00	21.49	21.55	21.65
				25	22.00	21.64	21.63	21.74
		50		22.00	21.54	21.69	21.74	
		100	0	21.00	20.48	20.58	20.79	

Band 71

LTE-FDD Band 71				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		133147	133297	133447
					665.5MHz	680.5MHz	695.5MHz
5MHz	QPSK	1	0	23.50	23.27	23.24	23.13
			13	23.50	23.34	23.32	23.13
			24	23.50	23.23	23.22	23.07
		12	0	22.50	22.26	22.24	22.10
			6	22.50	22.33	22.24	22.07
			13	22.50	22.31	22.29	22.11
		25	0	22.50	22.29	22.21	22.07
	16QAM	1	0	22.50	22.33	22.31	22.28
			13	22.50	22.42	22.41	22.45
			24	22.50	22.34	22.34	22.33
		12	0	21.50	21.25	21.27	21.09
			6	21.50	21.34	21.25	21.09
			13	21.50	21.31	21.29	21.14
		25	0	21.50	21.32	21.26	21.10
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133172	133297	133422
					668.0MHz	680.5MHz	693.0MHz
10MHz	QPSK	1	0	23.50	23.31	23.20	23.14
			25	23.50	23.33	23.26	23.11
			49	23.50	23.32	23.21	22.99
		25	0	22.50	22.31	22.26	22.13
			13	22.50	22.40	22.29	22.23
			25	22.50	22.38	22.32	22.18
		50	0	22.50	22.40	22.31	22.24
	16QAM	1	0	22.50	22.28	22.34	22.24
			25	22.50	22.32	22.49	22.30
			49	22.50	22.30	22.32	22.22
		25	0	22.50	22.26	22.22	22.16
			13	22.50	22.34	22.23	22.25
			25	22.50	22.31	22.25	22.11
		50	0	21.50	21.30	21.29	21.19
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133197	133297	133397
					670.5MHz	680.5MHz	690.5MHz
15MHz	QPSK	1	0	23.50	22.99	22.95	23.00
			38	23.50	23.02	23.01	22.94
			74	23.00	22.98	22.89	22.86
		36	0	22.00	21.93	21.94	21.90
			18	22.00	21.99	21.98	21.82
			39	22.50	22.04	21.94	21.90
		75	0	22.50	22.14	22.02	21.92
	16QAM	1	0	22.50	22.00	22.13	22.02
			38	22.50	22.14	22.19	22.11
			74	22.50	22.09	22.20	22.00
		36	0	22.00	21.92	21.95	21.93
			18	22.50	22.01	21.88	21.85
			39	22.00	21.98	21.87	21.86
		75	0	21.00	20.87	20.88	20.88

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133222	133322	133372
					673.0MHz	683.0MHz	688.0MHz
20MHz	QPSK	1	0	23.50	22.89	23.00	22.96
			50	23.50	22.96	23.07	22.97
			99	23.50	22.98	23.00	22.79
		50	0	22.00	21.88	21.97	21.93
			25	22.50	22.14	22.12	22.04
			50	22.50	22.00	21.92	21.90
		100	0	22.50	22.11	22.07	22.07
	16QAM	1	0	22.50	21.94	22.11	22.16
			50	22.50	22.00	22.26	22.18
			99	22.50	21.97	22.05	22.05
		50	0	22.00	21.90	21.89	21.86
			25	22.50	22.12	22.10	22.05
			50	22.00	21.98	21.91	21.83
		100	0	21.00	20.87	20.79	20.85

8.3 NR

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		370500 1852.5MHz	376000 1880MHz	381500 1907.5MHz
5MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.63	21.69	21.73
		Edge_1RB_Right	22.00	21.62	21.80	21.68
		Outer_Full	22.00	21.70	21.90	21.74
		Inner_Full	22.00	21.70	21.93	21.76
		Inner_1RB_Left	22.00	21.68	21.78	21.73
		Inner_1RB_Right	22.00	21.66	21.77	21.73
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.66	20.64	20.71
		Edge_1RB_Right	21.00	20.59	20.60	20.63
		Outer_Full	21.00	20.79	20.86	20.78
		Inner_Full	22.00	21.90	21.88	21.91
		Inner_1RB_Left	22.50	21.64	22.28	21.63
		Inner_1RB_Right	22.00	21.56	21.75	21.63
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.46	20.49	20.52
		Edge_1RB_Right	20.50	20.37	20.49	20.49
		Outer_Full	21.00	20.29	20.51	20.41
		Inner_Full	20.50	20.34	20.47	20.48
		Inner_1RB_Left	21.00	20.50	20.51	20.56
		Inner_1RB_Right	21.00	20.45	20.30	20.51
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.71	18.27	17.82
		Edge_1RB_Right	19.00	17.73	18.56	17.83
		Outer_Full	19.00	18.23	18.50	18.40
		Inner_Full	18.50	18.36	18.45	18.37
		Inner_1RB_Left	19.00	17.74	18.56	17.92
		Inner_1RB_Right	19.00	17.73	18.61	17.87
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.73	19.99	19.84
		Edge_1RB_Right	20.00	19.67	19.86	19.78
		Outer_Full	20.00	19.80	19.91	19.89
		Inner_Full	21.50	21.30	21.44	21.32
		Inner_1RB_Left	21.50	21.03	21.37	21.18
		Inner_1RB_Right	21.50	21.10	21.40	21.11
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.86	19.89	19.93
		Edge_1RB_Right	20.50	19.87	20.05	19.82
		Outer_Full	20.00	19.89	19.92	19.95
		Inner_Full	21.00	20.65	20.94	20.71
		Inner_1RB_Left	21.00	20.80	20.74	20.89
		Inner_1RB_Right	21.00	20.75	20.84	20.82
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.20	19.54	19.54
		Edge_1RB_Right	20.00	19.20	19.50	19.42
		Outer_Full	19.50	19.26	19.42	19.41
		Inner_Full	19.50	19.30	19.48	19.41
		Inner_1RB_Left	20.00	19.46	19.54	19.50
		Inner_1RB_Right	20.00	19.18	19.57	19.43
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.54	16.06	15.91
		Edge_1RB_Right	16.50	16.25	16.09	15.87
		Outer_Full	17.00	16.29	16.51	16.39
		Inner_Full	16.50	16.26	16.48	16.46
		Inner_1RB_Left	16.50	16.21	16.03	15.90
		Inner_1RB_Right	16.50	16.27	15.01	15.85

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		371000	376000	381000
				1855.0MHz	1880MHz	1905.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.80	21.78	21.89
		Edge_1RB_Right	22.00	21.83	21.88	21.75
		Outer_Full	22.00	21.89	21.95	21.90
		Inner_Full	22.50	21.90	22.01	21.90
		Inner_1RB_Left	22.00	21.89	21.87	21.95
		Inner_1RB_Right	22.00	21.82	21.80	21.69
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.80	20.76	20.79
		Edge_1RB_Right	21.00	20.75	20.95	20.70
		Outer_Full	21.00	20.90	20.90	20.87
		Inner_Full	22.00	21.90	21.93	21.92
		Inner_1RB_Left	22.00	21.78	21.86	21.74
		Inner_1RB_Right	22.00	21.82	21.78	21.77
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.58	20.35	20.64
		Edge_1RB_Right	21.00	20.61	20.53	20.55
		Outer_Full	21.00	20.45	20.49	20.60
		Inner_Full	21.00	20.44	20.57	20.50
		Inner_1RB_Left	21.00	20.68	20.52	20.72
		Inner_1RB_Right	21.00	20.69	20.36	20.60
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.07	18.41	18.15
		Edge_1RB_Right	18.50	18.11	18.44	18.06
		Outer_Full	19.00	18.35	18.50	18.42
		Inner_Full	18.50	18.37	18.49	18.47
		Inner_1RB_Left	18.50	17.98	18.46	18.07
		Inner_1RB_Right	19.00	18.04	18.66	18.00
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.85	19.94	19.91
		Edge_1RB_Right	20.00	19.79	19.93	19.78
		Outer_Full	20.50	19.92	20.02	20.00
		Inner_Full	21.50	21.25	21.31	21.25
		Inner_1RB_Left	21.50	21.21	21.16	21.25
		Inner_1RB_Right	21.50	21.26	21.22	21.18
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	19.93	20.02	20.02
		Edge_1RB_Right	20.50	19.94	20.11	19.90
		Outer_Full	20.50	19.89	20.04	20.02
		Inner_Full	21.00	20.89	20.89	20.88
		Inner_1RB_Left	21.00	20.90	20.66	20.97
		Inner_1RB_Right	21.00	20.91	20.93	20.84
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.51	19.51	19.52
		Edge_1RB_Right	20.00	19.50	19.51	19.47
		Outer_Full	20.00	19.46	19.59	19.53
		Inner_Full	20.00	19.41	19.52	19.54
		Inner_1RB_Left	20.00	19.47	19.59	19.48
		Inner_1RB_Right	20.00	19.43	19.50	19.37
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.59	16.23	16.19
		Edge_1RB_Right	17.00	16.64	16.20	16.14
		Outer_Full	16.50	16.37	16.43	16.43
		Inner_Full	17.00	16.41	16.51	16.46
		Inner_1RB_Left	17.00	16.51	16.07	16.20
		Inner_1RB_Right	16.50	16.25	16.17	16.15

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		371500	376000	380500
				1857.5MHz	1880MHz	1902.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.68	21.71	21.67
		Edge_1RB_Right	22.00	21.72	21.78	21.61
		Outer_Full	22.00	21.79	21.78	21.73
		Inner_Full	22.00	21.77	21.85	21.74
		Inner_1RB_Left	22.00	21.79	21.76	21.79
		Inner_1RB_Right	22.00	21.73	21.78	21.62
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.67	20.65	20.72
		Edge_1RB_Right	21.00	20.63	20.70	20.51
		Outer_Full	21.00	20.76	20.85	20.77
		Inner_Full	22.00	21.83	21.84	21.77
		Inner_1RB_Left	22.00	21.59	21.62	21.61
		Inner_1RB_Right	22.00	21.55	21.71	21.46
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.46	20.47	20.44
		Edge_1RB_Right	20.50	20.44	20.41	20.31
		Outer_Full	20.50	20.35	20.42	20.29
		Inner_Full	20.50	20.33	20.32	20.25
		Inner_1RB_Left	21.00	20.46	20.51	20.44
		Inner_1RB_Right	20.50	20.45	20.44	20.35
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.71	18.26	17.70
		Edge_1RB_Right	18.00	17.73	17.83	17.58
		Outer_Full	18.50	18.21	18.30	18.11
		Inner_Full	18.50	18.21	18.34	18.17
		Inner_1RB_Left	18.50	17.72	18.38	17.70
		Inner_1RB_Right	18.50	17.70	18.30	17.61
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.75	19.66	19.67
		Edge_1RB_Right	20.00	19.76	19.75	19.38
		Outer_Full	20.00	19.79	19.81	19.77
		Inner_Full	21.50	21.20	21.39	21.18
		Inner_1RB_Left	21.50	21.16	21.09	21.05
		Inner_1RB_Right	21.50	21.19	21.27	20.95
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.90	19.86	19.75
		Edge_1RB_Right	20.00	19.78	19.79	19.62
		Outer_Full	20.00	19.76	19.89	19.68
		Inner_Full	21.00	20.75	20.78	20.81
		Inner_1RB_Left	21.00	20.96	20.70	20.88
		Inner_1RB_Right	21.00	20.76	20.71	20.69
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.39	19.49	19.37
		Edge_1RB_Right	20.00	19.39	19.50	19.23
		Outer_Full	19.50	19.26	19.38	19.24
		Inner_Full	19.50	19.31	19.44	19.25
		Inner_1RB_Left	19.50	19.34	19.49	19.36
		Inner_1RB_Right	19.50	19.30	19.18	19.19
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	15.76	16.44	15.71
		Edge_1RB_Right	16.50	15.79	16.20	15.67
		Outer_Full	16.50	16.18	16.37	16.18
		Inner_Full	16.50	16.26	16.34	16.14
		Inner_1RB_Left	16.50	15.82	16.27	15.72
		Inner_1RB_Right	16.50	15.81	16.41	15.64

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		372000	376000	380000
				1860.0MHz	1880MHz	1900.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.64	21.67	21.67
		Edge_1RB_Right	22.00	21.71	21.71	21.57
		Outer_Full	22.00	21.74	21.74	21.73
		Inner_Full	22.00	21.69	21.80	21.76
		Inner_1RB_Left	22.00	21.71	21.70	21.75
		Inner_1RB_Right	22.00	21.73	21.72	21.59
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.60	20.65	20.69
		Edge_1RB_Right	21.00	20.64	20.86	20.46
		Outer_Full	21.00	20.70	20.78	20.76
		Inner_Full	22.00	21.78	21.86	21.75
		Inner_1RB_Left	22.00	21.59	21.55	21.65
		Inner_1RB_Right	22.00	21.59	21.79	21.39
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.38	20.22	20.45
		Edge_1RB_Right	20.50	20.39	20.18	20.23
		Outer_Full	20.50	20.35	20.43	20.29
		Inner_Full	20.50	20.34	20.33	20.32
		Inner_1RB_Left	20.50	20.38	20.36	20.39
		Inner_1RB_Right	20.50	20.41	20.18	20.27
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.84	18.41	17.78
		Edge_1RB_Right	18.50	17.82	18.32	17.61
		Outer_Full	18.50	18.32	18.28	18.22
		Inner_Full	18.50	18.22	18.35	18.21
		Inner_1RB_Left	19.00	17.86	18.62	17.79
		Inner_1RB_Right	18.50	16.43	18.25	17.64
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.65	19.74	19.81
		Edge_1RB_Right	20.00	19.68	19.62	19.59
		Outer_Full	20.00	19.69	19.79	19.75
		Inner_Full	21.50	21.16	21.36	21.23
		Inner_1RB_Left	21.50	20.96	21.07	21.29
		Inner_1RB_Right	21.50	20.92	21.14	20.98
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.81	19.68	19.78
		Edge_1RB_Right	20.00	19.87	19.92	19.65
		Outer_Full	20.00	19.74	19.82	19.74
		Inner_Full	21.00	20.68	20.88	20.76
		Inner_1RB_Left	21.00	20.80	20.67	20.80
		Inner_1RB_Right	21.00	20.75	20.48	20.63
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.26	19.32	19.35
		Edge_1RB_Right	19.50	19.35	19.18	19.24
		Outer_Full	19.50	19.30	19.36	19.31
		Inner_Full	19.50	19.33	19.34	19.26
		Inner_1RB_Left	19.50	19.30	18.91	19.32
		Inner_1RB_Right	19.50	19.19	19.24	18.99
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.33	15.93	15.95
		Edge_1RB_Right	16.50	16.32	16.00	15.80
		Outer_Full	16.50	16.20	16.32	16.25
		Inner_Full	16.50	16.17	16.28	16.24
		Inner_1RB_Left	16.50	16.21	15.91	15.92
		Inner_1RB_Right	16.50	16.36	15.87	15.65

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		372500	376000	379500
				1862.5MHz	1880MHz	1897.5MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.65	21.63	21.89
		Edge_1RB_Right	22.00	21.64	21.81	21.68
		Outer_Full	22.00	21.70	21.89	21.91
		Inner_Full	22.00	21.75	21.89	21.97
		Inner_1RB_Left	22.00	21.70	21.72	21.88
		Inner_1RB_Right	22.00	21.73	21.80	21.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.61	20.58	20.72
		Edge_1RB_Right	21.00	20.60	20.75	20.64
		Outer_Full	21.00	20.82	20.96	20.95
		Inner_Full	22.00	21.69	21.90	21.96
		Inner_1RB_Left	22.00	21.53	21.55	21.78
		Inner_1RB_Right	22.00	21.55	21.74	21.61
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.42	20.40	20.45
		Edge_1RB_Right	20.50	20.28	20.43	20.35
		Outer_Full	20.50	20.33	20.44	20.41
		Inner_Full	20.50	20.30	20.45	20.41
		Inner_1RB_Left	20.50	20.43	20.38	20.46
		Inner_1RB_Right	20.50	20.37	20.43	20.40
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.03	18.08	18.10
		Edge_1RB_Right	18.50	18.06	18.11	18.02
		Outer_Full	18.50	18.33	18.47	18.40
		Inner_Full	18.50	18.20	18.38	18.35
		Inner_1RB_Left	18.50	18.02	18.10	18.10
		Inner_1RB_Right	18.50	18.07	18.11	18.05
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.74	19.87	19.84
		Edge_1RB_Right	20.00	19.76	19.89	19.68
		Outer_Full	20.00	19.84	19.99	19.95
		Inner_Full	21.50	21.22	21.41	21.42
		Inner_1RB_Left	21.50	21.09	21.28	21.36
		Inner_1RB_Right	22.00	21.13	21.58	21.22
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.87	19.87	19.84
		Edge_1RB_Right	20.00	19.80	19.83	19.71
		Outer_Full	20.50	19.90	20.05	19.95
		Inner_Full	21.00	20.70	20.85	20.90
		Inner_1RB_Left	21.00	20.71	20.82	20.91
		Inner_1RB_Right	21.00	20.77	20.89	20.83
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.30	19.38	19.37
		Edge_1RB_Right	19.50	19.36	19.40	19.35
		Outer_Full	20.00	19.35	19.51	19.45
		Inner_Full	19.50	19.22	19.47	19.36
		Inner_1RB_Left	19.50	19.37	19.36	19.45
		Inner_1RB_Right	19.50	19.36	19.40	19.34
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.12	16.19	16.24
		Edge_1RB_Right	16.50	16.17	16.26	16.18
		Outer_Full	16.50	16.33	16.49	16.45
		Inner_Full	16.50	16.28	16.38	16.35
		Inner_1RB_Left	16.50	16.10	16.21	16.23
		Inner_1RB_Right	16.50	16.19	16.27	16.18

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		373000	376000	379000
				1865MHz	1880MHz	1895MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.70	21.75	21.89
		Edge_1RB_Right	22.00	21.81	21.79	21.70
		Outer_Full	22.50	21.98	22.04	22.08
		Inner_Full	22.50	21.93	21.96	22.00
		Inner_1RB_Left	22.00	21.75	21.71	21.86
		Inner_1RB_Right	22.00	21.84	21.77	21.73
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.72	20.60	20.69
		Edge_1RB_Right	21.00	20.68	20.79	20.61
		Outer_Full	21.50	21.04	21.01	21.09
		Inner_Full	22.00	21.87	21.88	21.96
		Inner_1RB_Left	22.00	21.65	21.55	21.83
		Inner_1RB_Right	22.00	21.72	21.74	21.68
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.54	20.39	20.57
		Edge_1RB_Right	20.50	20.49	20.47	20.42
		Outer_Full	21.00	20.60	20.61	20.60
		Inner_Full	21.00	20.45	20.53	20.54
		Inner_1RB_Left	21.00	20.45	20.42	20.56
		Inner_1RB_Right	20.50	20.48	20.48	20.45
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.33	18.19	18.36
		Edge_1RB_Right	18.50	18.34	18.25	18.14
		Outer_Full	19.00	18.54	18.51	18.52
		Inner_Full	18.50	18.42	18.42	18.46
		Inner_1RB_Left	18.50	18.33	18.22	18.36
		Inner_1RB_Right	18.50	18.35	18.16	18.16
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.89	19.84	19.94
		Edge_1RB_Right	20.00	19.90	19.87	19.73
		Outer_Full	20.50	20.01	20.09	20.05
		Inner_Full	21.50	21.43	21.39	21.48
		Inner_1RB_Left	21.50	21.34	21.26	21.44
		Inner_1RB_Right	21.50	21.31	21.36	21.19
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.87	19.85	19.99
		Edge_1RB_Right	20.00	19.96	19.81	19.86
		Outer_Full	20.50	20.00	20.10	19.98
		Inner_Full	21.00	20.77	20.84	20.91
		Inner_1RB_Left	21.00	20.82	20.88	20.92
		Inner_1RB_Right	21.00	20.89	20.94	20.79
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.49	19.37	19.53
		Edge_1RB_Right	19.50	19.48	19.38	19.43
		Outer_Full	20.00	19.62	19.64	19.55
		Inner_Full	20.00	19.47	19.50	19.50
		Inner_1RB_Left	20.00	19.46	19.35	19.51
		Inner_1RB_Right	19.50	19.44	19.37	19.29
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.37	16.36	16.46
		Edge_1RB_Right	16.50	16.37	16.39	16.20
		Outer_Full	17.00	16.53	16.54	16.48
		Inner_Full	16.50	16.37	16.41	16.38
		Inner_1RB_Left	16.50	16.37	16.32	16.47
		Inner_1RB_Right	16.50	16.37	16.38	16.22

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		374000	376000	378000
				1870.0MHz	1880MHz	1890.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.65	21.66	21.78
		Edge_1RB_Right	22.00	21.75	21.74	21.64
		Outer_Full	22.50	22.01	22.07	22.17
		Inner_Full	22.50	21.94	22.06	22.01
		Inner_1RB_Left	22.00	21.63	21.67	21.79
		Inner_1RB_Right	22.00	21.85	21.82	21.71
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.59	20.61	20.64
		Edge_1RB_Right	21.00	20.72	20.73	20.64
		Outer_Full	21.50	21.10	21.15	21.14
		Inner_Full	22.50	21.90	21.98	22.01
		Inner_1RB_Left	22.00	21.61	21.59	21.59
		Inner_1RB_Right	22.00	21.73	21.74	21.60
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.41	20.42	20.41
		Edge_1RB_Right	20.50	20.39	20.47	20.33
		Outer_Full	21.00	20.64	20.71	20.63
		Inner_Full	21.00	20.42	20.56	20.45
		Inner_1RB_Left	20.50	20.43	20.42	20.49
		Inner_1RB_Right	20.50	20.40	20.46	20.37
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.66	18.61	18.65
		Edge_1RB_Right	19.00	18.61	18.58	18.48
		Outer_Full	19.00	18.60	18.66	18.61
		Inner_Full	19.00	18.44	18.52	18.40
		Inner_1RB_Left	19.00	18.66	18.60	18.65
		Inner_1RB_Right	19.00	18.61	18.59	18.51
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.72	19.81	19.84
		Edge_1RB_Right	20.00	19.73	19.78	19.66
		Outer_Full	20.50	20.13	20.21	20.13
		Inner_Full	22.00	21.43	21.54	21.55
		Inner_1RB_Left	21.50	21.24	21.36	21.29
		Inner_1RB_Right	21.50	21.43	21.42	21.23
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.78	19.75	19.90
		Edge_1RB_Right	20.00	19.81	19.82	19.77
		Outer_Full	20.50	20.15	20.24	20.13
		Inner_Full	21.00	20.83	20.91	20.99
		Inner_1RB_Left	21.00	20.80	20.79	20.80
		Inner_1RB_Right	21.50	20.93	21.02	20.78
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.38	19.40	19.43
		Edge_1RB_Right	19.50	19.37	19.32	19.33
		Outer_Full	20.00	19.64	19.72	19.64
		Inner_Full	19.50	19.47	19.49	19.44
		Inner_1RB_Left	19.50	19.35	19.28	19.39
		Inner_1RB_Right	19.50	19.39	19.39	19.36
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.77	16.71	16.76
		Edge_1RB_Right	17.00	16.66	16.70	16.59
		Outer_Full	17.00	16.65	16.65	16.57
		Inner_Full	16.50	16.41	16.48	16.43
		Inner_1RB_Left	17.00	16.74	16.72	16.76
		Inner_1RB_Right	17.00	16.69	16.73	16.66

15K_N5			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		165300	167300	169300
				826.5MHz	836.5MHz	846.5MHz
5MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	17.00	16.58	16.94	16.87
		Edge_1RB_Right	17.00	16.76	16.99	16.74
		Outer_Full	17.00	16.81	16.89	16.86
		Inner_Full	17.00	16.55	16.72	16.95
		Inner_1RB_Left	17.50	16.58	17.00	16.79
		Inner_1RB_Right	17.50	16.46	16.77	17.10
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	16.00	15.64	15.67	15.87
		Edge_1RB_Right	16.00	15.48	15.76	15.84
		Outer_Full	16.00	15.57	15.74	15.96
		Inner_Full	17.50	16.55	16.85	17.10
		Inner_1RB_Left	17.00	16.72	16.62	16.86
		Inner_1RB_Right	17.00	16.45	16.67	16.37
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	16.00	15.02	15.26	15.65
		Edge_1RB_Right	16.00	15.10	15.22	15.54
		Outer_Full	16.00	15.02	15.28	15.58
		Inner_Full	15.50	15.18	15.36	15.48
		Inner_1RB_Left	15.50	15.00	15.25	15.45
		Inner_1RB_Right	16.00	15.27	15.29	15.56
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	13.50	12.58	13.24	12.73
		Edge_1RB_Right	13.50	12.44	13.32	12.91
		Outer_Full	13.50	12.89	13.36	13.40
		Inner_Full	13.50	13.01	13.17	13.39
		Inner_1RB_Left	13.50	12.59	13.25	12.77
		Inner_1RB_Right	14.00	12.48	13.50	12.92
	CP-OFDM QPSK	Edge_1RB_Left	15.00	14.57	14.57	14.76
		Edge_1RB_Right	15.00	14.36	14.75	14.99
		Outer_Full	15.00	14.51	14.68	14.84
		Inner_Full	17.00	16.05	16.32	16.54
		Inner_1RB_Left	17.00	16.00	16.58	16.34
		Inner_1RB_Right	17.00	15.92	16.58	16.08
	CP-OFDM 16 QAM	Edge_1RB_Left	15.00	14.74	14.72	14.79
		Edge_1RB_Right	15.50	14.69	14.78	15.17
		Outer_Full	15.00	14.57	14.70	14.97
		Inner_Full	16.00	15.78	15.79	15.85
		Inner_1RB_Left	16.00	15.82	15.79	15.85
		Inner_1RB_Right	16.00	15.83	15.70	15.66
	CP-OFDM 64 QAM	Edge_1RB_Left	15.00	14.54	14.17	14.45
		Edge_1RB_Right	15.00	14.37	14.21	14.74
		Outer_Full	14.50	14.38	14.32	14.43
		Inner_Full	14.50	14.05	14.23	14.39
		Inner_1RB_Left	14.50	14.47	14.32	14.38
		Inner_1RB_Right	15.00	14.12	14.32	14.77
	CP-OFDM 256 QAM	Edge_1RB_Left	11.00	10.94	10.70	10.94
		Edge_1RB_Right	11.50	10.81	10.79	11.17
		Outer_Full	11.50	10.96	11.18	11.49
		Inner_Full	11.50	11.31	11.21	11.49
		Inner_1RB_Left	11.50	11.00	10.75	10.93
		Inner_1RB_Right	11.50	10.87	10.83	11.15

15K_N5			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		165800	167300	168800
				829.0MHz	836.5MHz	844.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	16.62	16.70	22.62
		Edge_1RB_Right	22.50	16.67	16.65	22.11
		Outer_Full	23.00	16.56	16.81	22.73
		Inner_Full	23.00	16.55	16.81	22.69
		Inner_1RB_Left	23.00	16.61	16.64	22.71
		Inner_1RB_Right	23.00	16.67	16.64	22.58
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	15.57	15.69	21.71
		Edge_1RB_Right	21.50	15.55	15.70	21.19
		Outer_Full	22.00	15.66	15.93	21.79
		Inner_Full	23.00	16.57	16.77	22.80
		Inner_1RB_Left	23.00	16.69	17.08	22.56
		Inner_1RB_Right	22.50	16.57	16.81	22.17
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	15.45	15.46	21.40
		Edge_1RB_Right	21.50	15.53	15.23	21.06
		Outer_Full	21.50	15.19	15.38	21.25
		Inner_Full	21.50	14.98	15.37	21.25
		Inner_1RB_Left	21.50	15.39	15.12	21.45
		Inner_1RB_Right	21.50	15.39	15.35	21.29
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.00	12.88	19.56	18.85
		Edge_1RB_Right	20.00	12.90	19.87	18.79
		Outer_Full	19.50	13.05	19.31	19.15
		Inner_Full	19.50	12.86	19.37	19.05
		Inner_1RB_Left	20.00	12.81	19.51	18.82
		Inner_1RB_Right	19.50	12.84	19.45	18.82
	CP-OFDM QPSK	Edge_1RB_Left	21.00	14.60	20.84	20.72
		Edge_1RB_Right	21.00	14.53	20.63	20.60
		Outer_Full	21.00	14.55	20.87	20.76
		Inner_Full	22.50	15.98	22.27	22.19
		Inner_1RB_Left	22.50	15.95	22.27	22.14
		Inner_1RB_Right	22.50	15.95	22.32	21.50
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	14.67	20.81	20.73
		Edge_1RB_Right	21.00	14.74	20.76	20.60
		Outer_Full	21.00	14.57	20.88	20.74
		Inner_Full	22.00	15.56	21.87	21.75
		Inner_1RB_Left	22.00	15.66	21.93	21.82
		Inner_1RB_Right	22.00	15.76	21.79	21.05
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	14.18	20.38	20.37
		Edge_1RB_Right	20.50	14.20	20.29	20.41
		Outer_Full	20.50	14.09	20.35	20.21
		Inner_Full	20.50	14.00	20.33	20.19
		Inner_1RB_Left	20.50	14.11	20.45	20.27
		Inner_1RB_Right	20.50	14.14	20.21	20.34
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	10.81	17.07	16.98
		Edge_1RB_Right	17.00	10.93	16.94	16.99
		Outer_Full	17.50	11.01	17.26	17.19
		Inner_Full	17.50	10.99	17.33	17.22
		Inner_1RB_Left	17.50	10.83	17.05	16.95
		Inner_1RB_Right	17.50	10.92	17.00	16.88

15K_N5			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		166300	167300	168300
				831.5MHz	836.5MHz	841.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.56	22.52	22.37
		Edge_1RB_Right	23.00	22.65	22.57	22.19
		Outer_Full	23.00	22.68	22.56	22.54
		Inner_Full	23.00	22.65	22.62	22.59
		Inner_1RB_Left	23.00	22.59	22.57	22.51
		Inner_1RB_Right	23.00	22.61	22.54	22.29
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.54	21.51	21.45
		Edge_1RB_Right	22.00	21.62	21.57	21.41
		Outer_Full	22.00	21.67	21.72	21.79
		Inner_Full	23.00	22.72	22.62	22.66
		Inner_1RB_Left	22.50	22.46	22.46	22.35
		Inner_1RB_Right	23.00	22.48	22.52	22.13
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.28	21.20	21.05
		Edge_1RB_Right	21.50	21.28	21.25	20.95
		Outer_Full	21.50	21.24	21.25	21.14
		Inner_Full	21.50	21.18	21.26	21.07
		Inner_1RB_Left	21.50	21.29	21.25	20.96
		Inner_1RB_Right	21.50	21.36	21.24	21.29
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.34	18.47	18.96
		Edge_1RB_Right	19.00	18.52	18.50	18.59
		Outer_Full	19.50	18.96	19.07	18.99
		Inner_Full	19.50	18.99	19.05	19.04
		Inner_1RB_Left	19.50	18.40	18.46	19.02
		Inner_1RB_Right	19.00	18.50	18.53	18.93
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.40	20.45	20.62
		Edge_1RB_Right	21.00	20.53	20.55	20.36
		Outer_Full	21.00	20.55	20.57	20.56
		Inner_Full	22.50	22.10	22.05	22.14
		Inner_1RB_Left	22.50	21.95	22.03	22.07
		Inner_1RB_Right	22.50	22.08	22.05	21.62
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.54	20.46	20.56
		Edge_1RB_Right	21.00	20.61	20.51	20.59
		Outer_Full	21.00	20.56	20.59	20.61
		Inner_Full	22.00	21.75	21.72	21.60
		Inner_1RB_Left	22.00	21.66	21.64	21.72
		Inner_1RB_Right	22.00	21.72	21.64	21.46
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.11	20.08	19.76
		Edge_1RB_Right	20.50	20.11	20.08	20.08
		Outer_Full	20.50	20.03	20.09	20.08
		Inner_Full	20.50	20.00	20.15	20.02
		Inner_1RB_Left	20.50	20.08	20.13	19.91
		Inner_1RB_Right	20.50	20.20	20.13	19.69
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.44	17.19	17.28
		Edge_1RB_Right	17.00	16.65	16.91	16.86
		Outer_Full	17.50	16.98	16.92	17.11
		Inner_Full	17.50	17.05	17.11	17.02
		Inner_1RB_Left	17.50	16.53	17.14	17.12
		Inner_1RB_Right	17.50	16.64	17.22	17.17

15K_N5			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		166800	167300	167800
				834.0MHz	836.5MHz	839.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.53	22.49	22.47
		Edge_1RB_Right	23.00	22.45	22.53	22.05
		Outer_Full	23.00	22.65	22.66	22.58
		Inner_Full	23.00	22.56	22.62	22.65
		Inner_1RB_Left	23.00	22.48	22.52	22.50
		Inner_1RB_Right	23.00	22.53	22.58	22.48
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.64	21.53	21.43
		Edge_1RB_Right	21.50	21.37	21.46	21.12
		Outer_Full	22.00	21.66	21.73	21.65
		Inner_Full	23.00	22.66	22.65	22.74
		Inner_1RB_Left	23.00	22.53	22.46	22.47
		Inner_1RB_Right	23.00	22.74	22.47	21.93
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.02	21.24	21.20
		Edge_1RB_Right	21.50	21.13	21.19	20.91
		Outer_Full	21.50	21.16	21.25	21.16
		Inner_Full	21.50	21.14	21.32	21.29
		Inner_1RB_Left	21.50	21.06	21.26	21.19
		Inner_1RB_Right	21.50	21.18	21.27	21.17
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.56	18.56	18.49
		Edge_1RB_Right	19.00	18.51	18.57	18.53
		Outer_Full	19.50	19.06	19.04	19.15
		Inner_Full	19.50	19.01	19.08	19.16
		Inner_1RB_Left	19.00	18.52	18.56	18.54
		Inner_1RB_Right	19.00	18.54	18.62	18.52
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.49	20.45	20.45
		Edge_1RB_Right	20.50	20.44	20.48	20.41
		Outer_Full	21.00	20.59	20.57	20.72
		Inner_Full	22.50	22.04	22.09	22.14
		Inner_1RB_Left	22.50	22.32	21.88	22.00
		Inner_1RB_Right	22.00	21.95	21.79	21.56
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.51	20.54	20.42
		Edge_1RB_Right	21.00	20.49	20.55	20.67
		Outer_Full	21.00	20.55	20.59	20.64
		Inner_Full	22.00	21.62	21.68	21.70
		Inner_1RB_Left	22.00	21.61	21.66	21.53
		Inner_1RB_Right	22.00	21.54	21.58	21.08
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.11	20.12	20.11
		Edge_1RB_Right	20.50	20.11	20.10	20.18
		Outer_Full	20.50	20.06	20.08	20.19
		Inner_Full	20.50	20.10	20.20	20.26
		Inner_1RB_Left	20.50	20.07	20.04	20.05
		Inner_1RB_Right	20.50	20.03	19.99	20.11
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.66	16.73	16.72
		Edge_1RB_Right	17.00	16.78	16.74	16.67
		Outer_Full	17.50	17.02	17.02	17.22
		Inner_Full	17.50	16.98	17.12	17.18
		Inner_1RB_Left	17.00	16.65	16.72	16.74
		Inner_1RB_Right	17.00	16.55	16.69	16.62

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		370500	376500	382500
				1852.5MHz	1882.5MHz	1912.5MHz
5MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.81	21.82	21.78
		Edge_1RB_Right	22.00	21.76	21.91	21.71
		Outer_Full	22.00	21.80	21.93	21.74
		Inner_Full	22.50	21.89	22.01	21.78
		Inner_1RB_Left	22.00	21.88	21.97	21.83
		Inner_1RB_Right	22.00	21.83	21.98	21.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.76	20.84	20.68
		Edge_1RB_Right	21.00	20.80	20.86	20.55
		Outer_Full	21.50	20.97	21.00	20.80
		Inner_Full	22.50	22.05	22.08	20.32
		Inner_1RB_Left	22.00	21.76	21.81	21.66
		Inner_1RB_Right	22.00	21.75	21.85	21.54
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.74	20.69	20.63
		Edge_1RB_Right	21.00	20.62	20.68	20.56
		Outer_Full	21.00	20.56	20.64	20.50
		Inner_Full	21.00	20.64	20.69	20.58
		Inner_1RB_Left	21.00	20.75	20.75	20.70
		Inner_1RB_Right	21.00	20.63	20.77	20.65
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.99	18.05	18.44
		Edge_1RB_Right	18.50	18.00	18.13	18.26
		Outer_Full	19.00	18.48	18.52	18.38
		Inner_Full	19.00	18.50	18.69	18.51
		Inner_1RB_Left	19.00	17.96	18.16	18.56
		Inner_1RB_Right	18.50	17.99	18.14	18.47
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.88	20.01	19.93
		Edge_1RB_Right	20.50	19.82	20.10	19.77
		Outer_Full	20.50	19.92	20.09	19.97
		Inner_Full	21.50	21.27	21.47	21.26
		Inner_1RB_Left	21.50	21.24	21.35	21.17
		Inner_1RB_Right	21.50	21.31	21.24	21.08
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.13	20.06	19.97
		Edge_1RB_Right	20.50	20.00	20.10	19.98
		Outer_Full	20.50	20.05	20.15	19.94
		Inner_Full	21.00	20.77	20.86	20.80
		Inner_1RB_Left	21.50	20.92	21.07	20.87
		Inner_1RB_Right	21.50	20.95	21.03	20.93
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.58	19.68	19.63
		Edge_1RB_Right	20.00	19.56	19.67	19.57
		Outer_Full	20.00	19.50	19.56	19.46
		Inner_Full	20.00	19.51	19.67	19.56
		Inner_1RB_Left	20.00	19.62	19.65	19.59
		Inner_1RB_Right	20.00	19.54	19.68	19.57
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.06	16.12	15.94
		Edge_1RB_Right	16.50	16.10	16.22	16.01
		Outer_Full	17.00	16.53	16.59	16.52
		Inner_Full	17.00	16.53	16.64	16.55
		Inner_1RB_Left	16.50	16.05	16.21	16.00
		Inner_1RB_Right	16.50	16.06	16.21	15.99

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		371000	376500	382000
				1855.0MHz	1882.5MHz	1910.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.87	21.85	21.88
		Edge_1RB_Right	22.00	21.71	21.96	21.78
		Outer_Full	22.00	21.90	21.91	21.86
		Inner_Full	22.00	21.96	21.95	21.85
		Inner_1RB_Left	22.00	21.84	21.90	21.88
		Inner_1RB_Right	22.00	21.84	21.92	21.75
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.87	20.81	20.82
		Edge_1RB_Right	21.00	20.79	20.91	20.69
		Outer_Full	21.50	20.95	21.05	20.89
		Inner_Full	22.00	21.96	21.99	21.96
		Inner_1RB_Left	22.00	21.76	21.72	21.74
		Inner_1RB_Right	22.00	21.77	21.88	21.61
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.80	20.74	20.83
		Edge_1RB_Right	21.00	20.63	20.81	20.72
		Outer_Full	21.00	20.68	20.72	20.70
		Inner_Full	21.00	20.57	20.63	20.57
		Inner_1RB_Left	21.00	20.79	20.77	20.76
		Inner_1RB_Right	21.00	20.65	20.81	20.70
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.20	18.23	18.28
		Edge_1RB_Right	18.50	18.23	18.34	18.17
		Outer_Full	19.00	18.57	18.59	18.53
		Inner_Full	19.00	18.53	18.56	18.52
		Inner_1RB_Left	18.50	18.18	18.24	18.28
		Inner_1RB_Right	18.50	18.21	18.33	18.20
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.96	20.00	19.99
		Edge_1RB_Right	20.50	19.92	20.15	19.90
		Outer_Full	20.50	20.07	20.12	20.16
		Inner_Full	21.50	21.39	21.47	21.34
		Inner_1RB_Left	21.50	21.35	21.39	21.28
		Inner_1RB_Right	21.50	21.26	21.34	21.15
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.11	20.17	20.19
		Edge_1RB_Right	20.50	20.03	20.16	20.03
		Outer_Full	20.50	20.09	20.20	20.13
		Inner_Full	21.00	20.95	20.97	20.91
		Inner_1RB_Left	21.50	21.02	21.00	21.04
		Inner_1RB_Right	21.00	20.97	20.99	20.87
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.67	19.71	19.72
		Edge_1RB_Right	20.00	19.66	19.70	19.64
		Outer_Full	20.00	19.66	19.72	19.58
		Inner_Full	20.00	19.58	19.65	19.57
		Inner_1RB_Left	20.00	19.64	19.69	19.68
		Inner_1RB_Right	20.00	19.59	19.71	19.56
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.29	16.24	16.36
		Edge_1RB_Right	16.50	16.31	16.30	16.28
		Outer_Full	17.00	16.51	16.51	16.58
		Inner_Full	17.00	16.55	16.55	16.60
		Inner_1RB_Left	16.50	16.27	16.19	16.33
		Inner_1RB_Right	16.50	16.21	16.36	16.17

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		371500	376500	381500
				1857.5MHz	1882.5MHz	1907.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.72	21.64	21.74
		Edge_1RB_Right	22.00	21.66	21.74	21.58
		Outer_Full	22.00	21.71	21.81	21.83
		Inner_Full	22.00	21.77	21.87	21.76
		Inner_1RB_Left	22.00	21.73	21.76	21.76
		Inner_1RB_Right	22.00	21.76	21.83	21.58
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.71	20.66	20.73
		Edge_1RB_Right	21.00	20.69	20.79	20.65
		Outer_Full	21.00	20.85	20.93	20.84
		Inner_Full	22.00	21.73	21.89	21.85
		Inner_1RB_Left	22.00	21.62	21.65	21.64
		Inner_1RB_Right	22.00	21.64	21.79	21.56
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.55	20.50	20.58
		Edge_1RB_Right	21.00	20.51	20.69	20.37
		Outer_Full	21.00	20.45	20.53	20.43
		Inner_Full	21.00	20.48	20.51	20.48
		Inner_1RB_Left	21.00	20.64	20.57	20.57
		Inner_1RB_Right	21.00	20.59	20.61	20.43
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.00	17.86	17.83	17.83
		Edge_1RB_Right	18.00	17.81	17.96	17.76
		Outer_Full	18.50	18.34	18.41	18.34
		Inner_Full	18.50	18.37	18.45	18.29
		Inner_1RB_Left	18.00	17.83	17.96	17.83
		Inner_1RB_Right	18.50	17.81	18.06	17.76
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.88	19.88	19.84
		Edge_1RB_Right	20.00	19.84	19.99	19.68
		Outer_Full	20.50	19.86	19.89	20.03
		Inner_Full	21.50	21.26	21.35	21.20
		Inner_1RB_Left	21.50	21.23	21.28	21.20
		Inner_1RB_Right	22.00	21.60	21.41	21.06
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.00	20.06	19.98
		Edge_1RB_Right	20.00	19.93	19.98	19.83
		Outer_Full	20.00	19.93	19.99	19.87
		Inner_Full	21.00	20.86	20.99	20.88
		Inner_1RB_Left	21.50	20.92	20.93	21.08
		Inner_1RB_Right	21.50	20.78	21.02	20.76
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.49	19.57	19.58
		Edge_1RB_Right	20.00	19.41	19.62	19.42
		Outer_Full	20.00	19.41	19.51	19.40
		Inner_Full	19.50	19.40	19.48	19.38
		Inner_1RB_Left	20.00	19.41	19.55	19.55
		Inner_1RB_Right	20.00	19.41	19.61	19.44
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.30	15.97	15.83
		Edge_1RB_Right	16.50	16.33	16.05	15.80
		Outer_Full	16.50	16.41	16.45	16.27
		Inner_Full	16.50	16.44	16.41	16.34
		Inner_1RB_Left	16.50	16.24	15.88	15.92
		Inner_1RB_Right	16.50	16.38	16.03	15.80

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		372000	376500	381000
				1860.0MHz	1882.5MHz	1905.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.72	21.75	21.79
		Edge_1RB_Right	22.00	21.74	21.86	21.55
		Outer_Full	22.00	21.74	21.82	21.78
		Inner_Full	22.00	21.82	21.91	21.89
		Inner_1RB_Left	22.00	21.77	21.80	21.91
		Inner_1RB_Right	22.00	21.79	21.84	21.56
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.67	20.67	20.90
		Edge_1RB_Right	21.00	20.75	20.64	20.53
		Outer_Full	21.00	20.81	20.83	20.91
		Inner_Full	22.00	21.80	21.88	21.86
		Inner_1RB_Left	22.00	21.58	21.47	21.90
		Inner_1RB_Right	22.00	21.61	21.74	21.55
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.53	20.22	20.61
		Edge_1RB_Right	20.50	20.44	20.25	20.46
		Outer_Full	21.00	20.49	20.54	20.50
		Inner_Full	21.00	20.38	20.54	20.56
		Inner_1RB_Left	21.00	20.55	20.35	20.61
		Inner_1RB_Right	20.50	20.45	20.48	20.48
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.92	17.98	18.06
		Edge_1RB_Right	18.00	17.92	17.99	17.89
		Outer_Full	18.50	18.34	18.48	18.43
		Inner_Full	18.50	18.38	18.49	18.43
		Inner_1RB_Left	18.50	17.89	17.99	18.06
		Inner_1RB_Right	18.00	17.93	17.99	17.89
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.92	19.94	20.02
		Edge_1RB_Right	20.00	19.87	19.97	19.69
		Outer_Full	20.00	19.86	19.77	19.89
		Inner_Full	21.50	21.25	21.38	21.37
		Inner_1RB_Left	21.50	21.27	21.25	21.36
		Inner_1RB_Right	21.50	21.15	21.26	21.09
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.00	19.96	19.99
		Edge_1RB_Right	20.00	19.97	19.86	19.92
		Outer_Full	20.00	19.89	19.88	19.97
		Inner_Full	21.00	20.78	20.91	20.85
		Inner_1RB_Left	21.00	20.84	20.89	20.75
		Inner_1RB_Right	21.00	20.71	20.86	20.55
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.46	19.52	19.53
		Edge_1RB_Right	20.00	19.46	19.58	19.26
		Outer_Full	19.50	19.44	19.46	19.48
		Inner_Full	20.00	19.47	19.56	19.47
		Inner_1RB_Left	20.00	19.53	19.53	19.25
		Inner_1RB_Right	20.00	19.43	19.50	19.16
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.09	16.12	16.65
		Edge_1RB_Right	17.00	16.13	16.22	16.70
		Outer_Full	16.50	16.41	16.39	16.40
		Inner_Full	16.50	16.39	16.48	16.46
		Inner_1RB_Left	17.00	15.99	16.09	16.57
		Inner_1RB_Right	16.50	15.96	16.13	16.31

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		371000	376500	382000
				1855.0MHz	1882.5MHz	1910.0MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.91	21.87	21.97
		Edge_1RB_Right	22.00	21.92	21.95	21.78
		Outer_Full	22.50	21.94	21.98	22.01
		Inner_Full	22.50	21.90	22.06	21.92
		Inner_1RB_Left	22.00	21.88	21.89	21.91
		Inner_1RB_Right	22.50	21.89	22.01	21.62
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.81	20.82	20.85
		Edge_1RB_Right	21.00	20.74	20.91	20.65
		Outer_Full	21.50	21.04	21.15	21.06
		Inner_Full	22.50	21.82	22.02	21.96
		Inner_1RB_Left	22.50	21.72	21.72	22.06
		Inner_1RB_Right	22.00	21.71	21.99	21.67
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.63	20.70	20.72
		Edge_1RB_Right	21.00	20.57	20.70	20.52
		Outer_Full	21.00	20.58	20.56	20.60
		Inner_Full	21.00	20.57	20.77	20.65
		Inner_1RB_Left	21.00	20.71	20.69	20.72
		Inner_1RB_Right	21.00	20.65	20.72	20.58
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.36	18.42	18.43
		Edge_1RB_Right	18.50	18.30	18.36	18.15
		Outer_Full	19.00	18.61	18.60	18.59
		Inner_Full	19.00	18.51	18.65	18.50
		Inner_1RB_Left	18.50	18.35	18.33	18.33
		Inner_1RB_Right	18.50	18.30	18.36	18.24
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.96	20.06	20.05
		Edge_1RB_Right	20.50	19.99	20.09	19.89
		Outer_Full	20.50	20.12	20.15	20.08
		Inner_Full	22.00	21.48	21.59	21.45
		Inner_1RB_Left	22.00	21.29	21.40	21.60
		Inner_1RB_Right	21.50	21.27	21.43	21.18
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.15	20.11	20.04
		Edge_1RB_Right	20.50	20.12	20.12	19.85
		Outer_Full	20.50	20.20	20.22	20.16
		Inner_Full	21.50	20.94	21.07	20.99
		Inner_1RB_Left	21.50	20.99	21.13	21.06
		Inner_1RB_Right	21.50	21.00	21.05	20.89
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.64	19.64	19.58
		Edge_1RB_Right	20.00	19.68	19.71	19.50
		Outer_Full	20.00	19.65	19.65	19.64
		Inner_Full	20.00	19.59	19.75	19.60
		Inner_1RB_Left	20.00	19.61	19.61	19.61
		Inner_1RB_Right	20.00	19.67	19.59	19.44
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.42	16.43	16.42
		Edge_1RB_Right	17.00	16.54	16.47	16.25
		Outer_Full	17.00	16.61	16.58	16.59
		Inner_Full	17.00	16.57	16.66	16.54
		Inner_1RB_Left	16.50	16.45	16.39	16.43
		Inner_1RB_Right	17.00	16.50	16.45	16.24

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		373000	376500	380000
				1865MHz	1882.5MHz	1900MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.83	21.81	21.98
		Edge_1RB_Right	22.00	21.86	21.91	21.74
		Outer_Full	22.50	22.07	22.05	22.05
		Inner_Full	22.50	22.00	22.10	21.99
		Inner_1RB_Left	22.00	21.89	21.86	21.91
		Inner_1RB_Right	22.00	21.89	21.88	21.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.92	20.72	20.93
		Edge_1RB_Right	21.00	20.85	20.90	20.73
		Outer_Full	21.50	21.20	21.19	21.14
		Inner_Full	22.50	22.00	22.07	22.02
		Inner_1RB_Left	22.00	21.87	21.78	21.84
		Inner_1RB_Right	22.00	21.87	21.87	21.64
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.35	20.71	20.72
		Edge_1RB_Right	21.00	20.70	20.75	20.55
		Outer_Full	21.00	20.75	20.69	20.72
		Inner_Full	21.00	20.67	20.79	20.71
		Inner_1RB_Left	21.00	20.48	20.71	20.84
		Inner_1RB_Right	21.00	20.75	20.73	20.48
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.55	18.42	18.53
		Edge_1RB_Right	19.00	18.56	18.49	18.30
		Outer_Full	19.00	18.79	18.72	18.68
		Inner_Full	19.00	18.66	18.73	18.55
		Inner_1RB_Left	19.00	18.54	18.44	18.55
		Inner_1RB_Right	19.00	18.58	18.48	18.28
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.11	19.92	20.20
		Edge_1RB_Right	20.50	20.18	20.04	19.90
		Outer_Full	20.50	20.31	20.20	20.16
		Inner_Full	22.00	21.57	21.54	21.49
		Inner_1RB_Left	21.50	21.40	21.13	21.43
		Inner_1RB_Right	22.00	21.66	21.28	21.25
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.12	20.05	20.17
		Edge_1RB_Right	20.50	20.24	20.14	19.98
		Outer_Full	20.50	20.26	20.25	20.18
		Inner_Full	21.00	20.94	20.95	20.96
		Inner_1RB_Left	21.50	21.07	21.06	21.09
		Inner_1RB_Right	21.50	21.05	21.03	20.96
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.66	19.62	19.72
		Edge_1RB_Right	20.00	19.77	19.64	19.56
		Outer_Full	20.00	19.87	19.78	19.79
		Inner_Full	20.00	19.60	19.64	19.67
		Inner_1RB_Left	20.00	19.44	19.62	19.71
		Inner_1RB_Right	20.00	19.50	19.40	19.47
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.64	17.19	16.73
		Edge_1RB_Right	17.50	16.71	17.16	16.45
		Outer_Full	17.00	16.81	16.62	16.63
		Inner_Full	17.00	16.61	16.68	16.58
		Inner_1RB_Left	17.50	16.60	17.08	16.71
		Inner_1RB_Right	17.50	16.73	17.06	16.42

15K_N25			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		374000	376500	379000
				1870.0MHz	1882.5MHz	1895.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.64	21.63	21.86
		Edge_1RB_Right	22.00	21.71	21.69	21.64
		Outer_Full	22.50	21.91	22.06	22.12
		Inner_Full	22.50	21.84	22.02	22.07
		Inner_1RB_Left	22.00	21.62	21.65	21.85
		Inner_1RB_Right	22.00	21.73	21.70	21.67
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.72	20.57	20.69
		Edge_1RB_Right	21.00	20.67	20.68	20.57
		Outer_Full	21.50	21.05	21.14	21.16
		Inner_Full	22.50	21.86	22.01	22.09
		Inner_1RB_Left	22.00	21.52	21.56	21.61
		Inner_1RB_Right	22.00	21.66	21.64	21.49
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.38	20.45	20.55
		Edge_1RB_Right	20.50	20.42	20.45	20.35
		Outer_Full	21.00	20.64	20.67	20.75
		Inner_Full	21.00	20.52	20.56	20.68
		Inner_1RB_Left	21.00	20.43	20.42	20.62
		Inner_1RB_Right	21.00	20.51	20.40	20.41
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.74	18.70	18.97
		Edge_1RB_Right	19.00	18.74	18.67	18.63
		Outer_Full	19.00	18.70	18.71	18.76
		Inner_Full	19.00	18.50	18.49	18.62
		Inner_1RB_Left	19.00	18.72	18.77	18.96
		Inner_1RB_Right	19.00	18.74	18.72	18.65
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.86	19.88	20.01
		Edge_1RB_Right	20.50	20.01	19.89	19.76
		Outer_Full	20.50	20.19	20.15	20.29
		Inner_Full	22.00	21.41	21.51	21.57
		Inner_1RB_Left	21.50	21.36	21.32	21.45
		Inner_1RB_Right	21.50	21.35	21.37	21.29
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	19.91	19.71	20.08
		Edge_1RB_Right	20.50	20.03	19.89	19.74
		Outer_Full	20.50	20.26	18.75	20.32
		Inner_Full	21.50	20.77	21.02	21.05
		Inner_1RB_Left	21.00	20.79	20.79	20.90
		Inner_1RB_Right	21.00	20.83	20.98	20.95
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.40	19.43	19.59
		Edge_1RB_Right	20.00	19.58	19.47	19.35
		Outer_Full	20.00	19.69	19.71	19.82
		Inner_Full	20.00	19.54	19.56	19.66
		Inner_1RB_Left	20.00	19.46	19.42	19.63
		Inner_1RB_Right	20.00	19.61	19.53	19.42
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.85	16.84	17.00
		Edge_1RB_Right	17.00	16.84	16.78	16.69
		Outer_Full	17.00	16.71	16.72	16.77
		Inner_Full	17.00	16.47	16.50	16.58
		Inner_1RB_Left	17.00	16.81	16.78	16.98
		Inner_1RB_Right	17.00	16.95	16.80	16.73

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		510204 2551.02MHz	518599 2592.99MHz	526999 2634.99MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.50	21.96	21.62	23.10
		Edge_1RB_Right	23.00	21.92	21.75	22.94
		Outer_Full	24.00	22.65	22.33	23.71
		Inner_Full	24.00	22.61	22.35	23.66
		Inner_1RB_Left	24.00	22.56	22.26	23.63
		Inner_1RB_Right	24.00	22.47	22.25	23.52
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	21.88	21.73	22.97
		Edge_1RB_Right	23.00	21.89	21.80	22.86
		Outer_Full	24.00	22.62	22.43	23.73
		Inner_Full	24.00	22.62	22.28	23.64
		Inner_1RB_Left	23.50	22.45	22.20	23.44
		Inner_1RB_Right	23.50	22.40	22.09	23.45
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.50	22.06	21.86	23.05
		Edge_1RB_Right	23.00	22.03	21.79	22.99
		Outer_Full	24.00	22.64	22.31	23.71
		Inner_Full	24.00	22.62	22.21	23.65
		Inner_1RB_Left	24.00	22.66	22.25	23.66
		Inner_1RB_Right	24.00	22.59	22.22	23.60
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.50	21.19	20.85	22.27
		Edge_1RB_Right	22.50	21.25	20.84	22.28
		Outer_Full	22.50	21.17	20.86	22.17
		Inner_Full	22.50	21.17	20.82	22.26
		Inner_1RB_Left	22.50	21.22	20.80	22.24
		Inner_1RB_Right	22.50	21.19	20.89	22.23
	CP-OFDM QPSK	Edge_1RB_Left	23.50	22.03	21.76	23.14
		Edge_1RB_Right	23.50	21.94	21.70	23.00
		Outer_Full	24.00	22.64	22.30	23.71
		Inner_Full	24.00	22.62	22.31	23.66
		Inner_1RB_Left	24.00	22.48	22.38	23.60
		Inner_1RB_Right	24.00	22.44	22.25	23.59
	CP-OFDM 16 QAM	Edge_1RB_Left	23.00	21.94	21.59	22.99
		Edge_1RB_Right	23.00	21.91	21.53	22.96
		Outer_Full	24.00	22.61	22.36	23.67
		Inner_Full	24.00	22.59	22.27	23.60
		Inner_1RB_Left	24.00	22.42	22.14	23.59
		Inner_1RB_Right	24.00	22.49	22.04	23.58
	CP-OFDM 64 QAM	Edge_1RB_Left	23.50	22.02	21.70	23.08
		Edge_1RB_Right	23.00	21.92	21.60	22.92
		Outer_Full	23.50	22.13	21.75	23.24
		Inner_Full	23.50	22.12	21.74	23.15
		Inner_1RB_Left	23.50	22.06	21.80	23.13
		Inner_1RB_Right	23.50	22.00	21.70	23.11
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	19.38	18.96	20.42
		Edge_1RB_Right	20.50	19.42	19.00	20.43
		Outer_Full	20.50	19.27	18.92	20.27
		Inner_Full	20.50	19.38	19.01	20.41
		Inner_1RB_Left	20.50	19.34	19.00	20.41
		Inner_1RB_Right	20.50	19.40	18.96	20.39

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		511200	518597	525996
				2556.0MHz	2592.99MHz	2629.98MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.50	21.76	21.62	23.03
		Edge_1RB_Right	23.00	21.60	22.74	22.85
		Outer_Full	24.00	22.33	22.36	23.61
		Inner_Full	24.00	22.31	22.31	23.58
		Inner_1RB_Left	24.00	22.28	22.14	23.51
		Inner_1RB_Right	23.50	22.12	23.18	23.41
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	21.68	21.52	22.91
		Edge_1RB_Right	23.00	21.56	22.63	22.79
		Outer_Full	24.00	22.31	22.39	23.59
		Inner_Full	24.00	22.36	22.28	23.58
		Inner_1RB_Left	23.50	22.23	22.02	23.46
		Inner_1RB_Right	23.50	22.15	22.96	23.31
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.00	21.77	21.67	22.97
		Edge_1RB_Right	23.00	21.71	22.77	22.88
		Outer_Full	24.00	22.34	22.35	23.58
		Inner_Full	24.00	22.41	22.24	23.58
		Inner_1RB_Left	24.00	22.43	22.23	23.50
		Inner_1RB_Right	23.50	22.20	23.18	23.49
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.50	20.99	20.80	22.12
		Edge_1RB_Right	22.50	20.82	21.93	22.09
		Outer_Full	22.50	20.88	20.84	22.12
		Inner_Full	22.50	20.93	20.71	22.17
		Inner_1RB_Left	22.50	20.92	20.80	22.14
		Inner_1RB_Right	22.50	20.81	21.78	22.11
	CP-OFDM QPSK	Edge_1RB_Left	23.50	21.80	21.78	23.10
		Edge_1RB_Right	23.00	21.76	22.91	22.95
		Outer_Full	24.00	22.39	22.37	23.59
		Inner_Full	24.00	22.41	22.31	23.59
		Inner_1RB_Left	24.00	22.35	22.30	23.62
		Inner_1RB_Right	23.50	22.26	23.27	23.44
	CP-OFDM 16 QAM	Edge_1RB_Left	23.00	21.72	21.74	22.84
		Edge_1RB_Right	23.00	21.61	22.88	22.80
		Outer_Full	24.00	22.38	22.43	23.56
		Inner_Full	24.00	22.45	22.23	23.58
		Inner_1RB_Left	23.50	22.32	22.24	23.35
		Inner_1RB_Right	23.50	22.09	23.17	23.36
	CP-OFDM 64 QAM	Edge_1RB_Left	23.50	21.90	21.89	23.10
		Edge_1RB_Right	23.00	21.75	22.91	22.90
		Outer_Full	23.50	21.89	21.85	23.06
		Inner_Full	23.50	21.94	21.74	23.14
		Inner_1RB_Left	23.50	21.97	21.87	23.09
		Inner_1RB_Right	23.00	21.73	22.81	22.88
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	19.16	18.99	20.34
		Edge_1RB_Right	20.50	19.00	20.04	20.29
		Outer_Full	20.50	19.01	19.03	20.13
		Inner_Full	20.50	19.10	18.88	20.28
		Inner_1RB_Left	20.50	19.17	18.96	20.39
		Inner_1RB_Right	20.50	19.01	19.91	20.23

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		512201	518599	525000
				2561.01MHz	2592.99MHz	2625MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.50	21.98	21.86	23.09
		Edge_1RB_Right	23.50	21.75	23.21	22.90
		Outer_Full	24.00	22.71	22.85	23.79
		Inner_Full	24.00	22.60	22.46	23.65
		Inner_1RB_Left	24.00	22.54	22.36	23.59
		Inner_1RB_Right	24.00	22.33	23.78	23.43
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	21.94	21.73	22.96
		Edge_1RB_Right	23.50	21.64	23.09	22.88
		Outer_Full	24.00	22.74	22.92	23.80
		Inner_Full	24.00	22.62	22.34	23.63
		Inner_1RB_Left	23.50	22.44	22.22	23.40
		Inner_1RB_Right	24.00	22.19	23.58	23.36
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.50	22.08	21.89	23.05
		Edge_1RB_Right	23.50	21.84	23.19	23.02
		Outer_Full	24.00	22.73	22.84	23.81
		Inner_Full	24.00	22.69	22.44	23.67
		Inner_1RB_Left	24.00	22.56	22.36	23.56
		Inner_1RB_Right	24.00	22.39	23.67	23.49
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	23.00	21.66	21.39	22.55
		Edge_1RB_Right	23.00	21.37	22.76	22.50
		Outer_Full	22.50	21.23	21.37	22.26
		Inner_Full	22.50	21.10	20.87	22.13
		Inner_1RB_Left	23.00	21.63	21.37	22.55
		Inner_1RB_Right	23.00	21.33	22.69	22.49
	CP-OFDM QPSK	Edge_1RB_Left	23.50	22.08	21.81	23.07
		Edge_1RB_Right	23.50	21.89	23.32	22.98
		Outer_Full	24.00	22.75	22.91	23.74
		Inner_Full	24.00	22.59	22.55	23.72
		Inner_1RB_Left	24.00	22.49	22.42	23.85
		Inner_1RB_Right	24.00	22.45	23.77	23.50
	CP-OFDM 16 QAM	Edge_1RB_Left	23.00	21.94	21.65	22.92
		Edge_1RB_Right	23.50	21.66	23.10	22.90
		Outer_Full	24.00	22.71	22.96	23.78
		Inner_Full	24.00	22.65	22.42	23.68
		Inner_1RB_Left	24.00	22.58	22.39	23.52
		Inner_1RB_Right	23.50	22.18	23.47	23.38
	CP-OFDM 64 QAM	Edge_1RB_Left	23.50	21.97	21.90	23.04
		Edge_1RB_Right	23.50	21.78	23.20	22.99
		Outer_Full	23.50	22.27	22.41	23.30
		Inner_Full	23.50	22.15	21.95	23.21
		Inner_1RB_Left	23.50	22.11	21.89	23.17
		Inner_1RB_Right	23.50	21.79	23.28	23.07
	CP-OFDM 256 QAM	Edge_1RB_Left	21.00	19.84	19.56	20.75
		Edge_1RB_Right	21.00	19.57	20.82	20.65
		Outer_Full	20.50	19.41	19.61	20.41
		Inner_Full	20.50	19.24	19.06	20.26
		Inner_1RB_Left	21.00	19.86	19.52	20.75
		Inner_1RB_Right	21.00	19.50	20.84	20.55

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		511204	518599	523999
				2556.02MHz	2592.99MHz	2619.99MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.93	21.91	21.98
		Edge_1RB_Right	23.50	21.67	23.25	22.98
		Outer_Full	24.00	22.74	22.99	23.89
		Inner_Full	24.00	22.52	22.57	23.86
		Inner_1RB_Left	23.00	22.48	22.41	22.58
		Inner_1RB_Right	24.00	22.20	23.73	23.46
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.95	21.82	21.81
		Edge_1RB_Right	23.50	21.53	23.13	22.99
		Outer_Full	24.00	22.68	23.11	23.97
		Inner_Full	24.00	22.57	22.52	23.83
		Inner_1RB_Left	22.50	22.44	22.30	22.46
		Inner_1RB_Right	24.00	22.01	23.59	23.45
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.06	21.96	21.99
		Edge_1RB_Right	23.50	21.70	23.23	23.07
		Outer_Full	24.00	22.75	23.10	23.93
		Inner_Full	24.00	22.55	22.51	23.85
		Inner_1RB_Left	23.00	22.53	22.37	22.62
		Inner_1RB_Right	24.00	22.11	23.67	23.60
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	21.94	21.82	21.92
		Edge_1RB_Right	23.50	21.58	23.08	22.94
		Outer_Full	22.50	21.21	21.53	22.38
		Inner_Full	22.50	21.04	21.03	22.29
		Inner_1RB_Left	22.00	21.95	21.76	21.98
		Inner_1RB_Right	23.50	21.53	23.02	22.94
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.06	22.10	22.13
		Edge_1RB_Right	23.50	21.70	23.36	23.00
		Outer_Full	24.00	22.72	23.12	23.94
		Inner_Full	24.00	22.52	22.73	23.86
		Inner_1RB_Left	23.00	22.62	22.53	22.61
		Inner_1RB_Right	24.00	22.33	23.84	23.55
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.00	21.83	21.83
		Edge_1RB_Right	23.50	21.68	23.04	22.78
		Outer_Full	24.00	22.66	23.18	23.95
		Inner_Full	24.00	22.60	22.65	23.91
		Inner_1RB_Left	23.00	22.56	22.26	22.43
		Inner_1RB_Right	24.00	22.05	23.63	23.48
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.10	21.90	21.99
		Edge_1RB_Right	23.50	21.70	23.17	22.93
		Outer_Full	24.00	22.24	22.69	23.50
		Inner_Full	23.50	22.03	22.12	23.37
		Inner_1RB_Left	22.50	22.06	21.95	22.06
		Inner_1RB_Right	23.50	21.74	23.23	22.97
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	20.11	20.06	20.15
		Edge_1RB_Right	21.50	19.67	21.26	21.13
		Outer_Full	21.00	19.35	19.70	20.52
		Inner_Full	20.50	19.24	19.27	20.47
		Inner_1RB_Left	20.50	20.15	20.03	20.17
		Inner_1RB_Right	21.50	19.68	21.21	21.10

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		514200	518599	522996
				2571.0MHz	2592.99MHz	2614.98MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.37	22.28	22.10
		Edge_1RB_Right	24.00	22.05	23.52	23.29
		Outer_Full	24.00	22.91	23.27	23.89
		Inner_Full	24.50	22.83	23.01	24.12
		Inner_1RB_Left	23.00	22.85	22.76	22.60
		Inner_1RB_Right	24.50	22.54	24.03	23.81
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.29	22.18	22.00
		Edge_1RB_Right	23.50	21.88	23.40	23.27
		Outer_Full	24.00	22.85	23.31	23.88
		Inner_Full	24.50	22.79	22.88	24.11
		Inner_1RB_Left	23.00	22.84	22.70	22.48
		Inner_1RB_Right	24.50	22.38	24.01	23.83
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.37	22.28	22.12
		Edge_1RB_Right	24.00	21.99	23.52	23.41
		Outer_Full	24.00	22.87	23.27	23.84
		Inner_Full	24.50	22.85	22.91	24.11
		Inner_1RB_Left	23.00	22.94	22.78	22.54
		Inner_1RB_Right	24.50	22.53	24.02	23.81
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	21.82	21.74	21.49
		Edge_1RB_Right	23.00	21.44	22.89	22.74
		Outer_Full	22.50	21.44	21.79	22.41
		Inner_Full	23.00	21.33	21.45	22.65
		Inner_1RB_Left	22.00	21.83	21.61	21.44
		Inner_1RB_Right	23.00	21.39	22.88	22.76
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.46	22.40	22.21
		Edge_1RB_Right	24.00	22.09	23.66	23.29
		Outer_Full	24.00	22.90	23.31	23.91
		Inner_Full	24.50	22.80	23.07	24.16
		Inner_1RB_Left	23.50	23.00	22.79	22.93
		Inner_1RB_Right	24.50	22.50	24.08	23.81
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.39	22.15	21.98
		Edge_1RB_Right	23.50	21.85	23.37	23.22
		Outer_Full	24.00	22.87	23.37	23.91
		Inner_Full	24.50	22.88	23.03	24.12
		Inner_1RB_Left	23.00	22.80	22.66	22.58
		Inner_1RB_Right	24.00	22.34	23.88	23.75
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.38	22.17	22.12
		Edge_1RB_Right	23.50	21.93	23.40	23.31
		Outer_Full	23.50	22.42	22.83	23.43
		Inner_Full	24.00	22.34	22.55	23.57
		Inner_1RB_Left	22.50	22.46	22.26	22.09
		Inner_1RB_Right	24.00	21.99	23.53	23.31
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.82	19.66	19.43
		Edge_1RB_Right	21.00	19.45	20.92	20.76
		Outer_Full	20.50	19.39	19.82	20.34
		Inner_Full	21.00	19.36	19.47	20.57
		Inner_1RB_Left	20.00	19.92	19.69	19.45
		Inner_1RB_Right	21.00	19.42	20.90	20.73

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		515201	518599	522000
				2576.01MHz	2592.99MHz	2610.0MHz
60MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.26	22.33	22.10
		Edge_1RB_Right	24.00	23.45	23.51	23.32
		Outer_Full	24.00	23.02	23.41	23.69
		Inner_Full	24.00	22.65	23.12	23.83
		Inner_1RB_Left	23.00	22.81	22.77	22.55
		Inner_1RB_Right	24.50	24.01	24.08	23.81
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.25	22.35	21.94
		Edge_1RB_Right	23.50	23.28	23.48	23.21
		Outer_Full	24.00	23.03	23.42	23.75
		Inner_Full	24.00	22.69	23.10	23.74
		Inner_1RB_Left	23.00	22.78	22.72	22.49
		Inner_1RB_Right	24.00	23.85	23.88	23.75
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.33	22.40	22.06
		Edge_1RB_Right	24.00	23.37	23.51	23.35
		Outer_Full	24.00	23.05	23.43	23.65
		Inner_Full	24.00	22.73	23.13	23.78
		Inner_1RB_Left	23.00	22.89	22.88	22.63
		Inner_1RB_Right	24.50	23.92	24.04	23.88
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	21.73	21.72	21.45
		Edge_1RB_Right	23.00	22.81	22.90	22.79
		Outer_Full	22.50	21.53	21.97	22.23
		Inner_Full	22.50	21.21	21.59	22.23
		Inner_1RB_Left	22.00	21.76	21.72	21.43
		Inner_1RB_Right	23.00	22.85	22.92	22.80
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.33	22.43	22.17
		Edge_1RB_Right	24.00	23.52	23.57	23.38
		Outer_Full	24.00	22.96	23.45	23.66
		Inner_Full	24.00	22.69	23.16	23.80
		Inner_1RB_Left	23.00	22.92	22.77	22.61
		Inner_1RB_Right	24.00	23.92	23.95	23.73
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.24	22.26	21.96
		Edge_1RB_Right	23.50	23.24	23.46	23.22
		Outer_Full	24.00	23.00	23.46	23.69
		Inner_Full	24.00	22.67	23.12	23.75
		Inner_1RB_Left	23.00	22.76	22.68	22.57
		Inner_1RB_Right	24.00	23.68	23.82	23.73
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.28	22.37	22.02
		Edge_1RB_Right	23.50	23.39	23.44	23.25
		Outer_Full	23.50	22.52	22.96	23.20
		Inner_Full	23.50	22.23	22.59	23.23
		Inner_1RB_Left	22.50	22.45	22.42	21.97
		Inner_1RB_Right	23.50	23.34	23.44	23.26
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.74	19.70	19.44
		Edge_1RB_Right	21.00	20.85	20.94	20.78
		Outer_Full	20.50	19.52	19.93	20.18
		Inner_Full	20.50	19.19	19.57	20.26
		Inner_1RB_Left	20.00	19.79	19.67	19.47
		Inner_1RB_Right	21.00	20.90	20.96	20.80

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		516204 2581.02MHz	518599 2592.99MHz	520999 2604.99MHz
70MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.32	22.40	22.17
		Edge_1RB_Right	23.50	23.48	23.44	23.31
		Outer_Full	24.00	23.33	23.57	23.77
		Inner_Full	24.00	22.76	23.13	23.58
		Inner_1RB_Left	23.00	22.88	22.83	22.72
		Inner_1RB_Right	24.00	23.99	23.98	23.81
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.40	22.32	22.17
		Edge_1RB_Right	23.50	23.42	23.44	23.27
		Outer_Full	24.00	23.32	23.54	23.75
		Inner_Full	24.00	22.71	23.02	23.50
		Inner_1RB_Left	23.00	22.86	22.84	22.61
		Inner_1RB_Right	24.00	23.86	23.94	23.84
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.48	22.42	22.21
		Edge_1RB_Right	24.00	23.48	23.53	23.34
		Outer_Full	24.00	23.34	23.55	23.76
		Inner_Full	24.00	22.79	23.09	23.57
		Inner_1RB_Left	23.00	22.92	22.91	22.72
		Inner_1RB_Right	24.00	23.94	23.97	23.85
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	23.00	22.45	22.50	22.36
		Edge_1RB_Right	24.00	23.57	23.43	23.28
		Outer_Full	22.50	21.83	22.08	22.27
		Inner_Full	22.50	21.27	21.58	22.09
		Inner_1RB_Left	23.00	22.47	22.55	22.36
		Inner_1RB_Right	24.00	23.64	23.41	23.32
	CP-OFDM QPSK	Edge_1RB_Left	23.00	22.40	22.57	22.25
		Edge_1RB_Right	24.00	23.59	23.51	23.34
		Outer_Full	24.00	23.39	23.60	23.79
		Inner_Full	24.00	22.80	23.23	23.69
		Inner_1RB_Left	23.50	23.02	22.82	22.87
		Inner_1RB_Right	24.50	24.18	24.36	23.98
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.34	22.29	22.07
		Edge_1RB_Right	23.50	23.31	23.39	23.27
		Outer_Full	24.00	23.37	23.67	23.79
		Inner_Full	24.00	22.77	23.22	23.61
		Inner_1RB_Left	23.50	23.00	22.75	22.67
		Inner_1RB_Right	24.00	23.95	23.84	23.71
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.37	22.28	22.24
		Edge_1RB_Right	23.50	23.45	23.37	23.31
		Outer_Full	23.50	22.90	23.18	23.29
		Inner_Full	23.50	22.30	22.68	23.16
		Inner_1RB_Left	23.00	22.54	22.45	22.28
		Inner_1RB_Right	24.00	23.56	23.40	23.39
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	20.44	20.46	20.28
		Edge_1RB_Right	21.50	21.33	21.39	21.27
		Outer_Full	20.50	19.89	20.17	20.26
		Inner_Full	20.50	19.30	19.67	20.10
		Inner_1RB_Left	20.50	20.49	20.47	20.29
		Inner_1RB_Right	21.50	21.39	21.43	21.27

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		517200	518599	519996
				2586.0MHz	2592.99MHz	2599.98MHz
80MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.35	22.40	22.27
		Edge_1RB_Right	23.50	23.46	23.40	23.37
		Outer_Full	24.00	23.51	23.68	23.73
		Inner_Full	23.50	22.93	23.24	23.43
		Inner_1RB_Left	23.00	22.84	22.86	22.77
		Inner_1RB_Right	24.00	23.92	23.88	23.85
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.25	22.33	22.18
		Edge_1RB_Right	23.50	23.28	23.33	23.29
		Outer_Full	24.00	23.52	23.66	23.75
		Inner_Full	23.50	22.90	23.20	23.33
		Inner_1RB_Left	23.00	22.82	22.78	22.71
		Inner_1RB_Right	24.00	23.86	23.82	23.75
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.32	22.41	22.23
		Edge_1RB_Right	23.50	23.33	23.37	23.36
		Outer_Full	24.00	23.50	23.69	23.71
		Inner_Full	23.50	22.93	23.26	23.38
		Inner_1RB_Left	23.00	22.87	22.92	22.83
		Inner_1RB_Right	24.00	23.93	23.90	23.84
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	23.00	22.75	22.79	22.84
		Edge_1RB_Right	24.00	23.81	23.77	23.68
		Outer_Full	22.50	22.04	22.21	22.24
		Inner_Full	22.00	21.43	21.76	21.85
		Inner_1RB_Left	23.00	22.73	22.84	22.61
		Inner_1RB_Right	24.00	23.67	23.72	23.66
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.41	22.43	22.34
		Edge_1RB_Right	24.00	23.77	23.47	23.51
		Outer_Full	24.00	23.52	23.66	23.67
		Inner_Full	23.50	22.90	23.29	23.41
		Inner_1RB_Left	23.00	22.86	22.98	22.85
		Inner_1RB_Right	24.00	23.98	23.91	23.93
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.24	22.34	22.04
		Edge_1RB_Right	23.50	23.24	23.39	23.29
		Outer_Full	24.00	23.48	23.74	23.74
		Inner_Full	23.50	22.96	23.25	23.34
		Inner_1RB_Left	23.00	22.90	22.96	22.66
		Inner_1RB_Right	24.00	23.85	23.79	23.72
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.29	22.46	22.35
		Edge_1RB_Right	24.00	23.37	23.52	23.42
		Outer_Full	23.50	23.02	23.21	23.27
		Inner_Full	23.00	22.39	22.75	22.86
		Inner_1RB_Left	22.50	22.27	22.44	22.46
		Inner_1RB_Right	23.50	23.43	23.37	23.39
	CP-OFDM 256 QAM	Edge_1RB_Left	21.00	20.66	20.64	20.60
		Edge_1RB_Right	22.00	21.63	21.69	21.61
		Outer_Full	20.50	20.06	20.24	20.24
		Inner_Full	20.00	19.42	19.76	19.90
		Inner_1RB_Left	21.00	20.63	20.77	20.63
		Inner_1RB_Right	22.00	21.59	21.62	21.61

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		518201 2591.01MHz	518599 2592.99MHz	519000 2595.0MHz
90MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.46	22.45	22.41
		Edge_1RB_Right	23.50	23.41	23.37	23.48
		Outer_Full	24.00	23.85	23.76	23.75
		Inner_Full	23.50	23.34	23.25	23.23
		Inner_1RB_Left	23.00	22.95	22.89	22.90
		Inner_1RB_Right	24.00	23.97	23.82	23.99
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.39	22.32	22.35
		Edge_1RB_Right	23.50	23.40	23.25	23.43
		Outer_Full	24.00	23.88	23.79	23.73
		Inner_Full	23.50	23.33	23.32	23.22
		Inner_1RB_Left	23.00	22.84	22.84	22.94
		Inner_1RB_Right	24.00	23.84	23.86	23.98
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.00	22.52	22.45	22.47
		Edge_1RB_Right	24.00	23.46	23.39	23.53
		Outer_Full	24.00	23.87	23.80	23.77
		Inner_Full	23.50	23.33	23.29	23.16
		Inner_1RB_Left	23.50	23.02	23.00	22.97
		Inner_1RB_Right	24.50	24.06	23.93	24.00
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	23.50	23.07	23.04	23.07
		Edge_1RB_Right	24.50	23.97	23.95	24.20
		Outer_Full	22.50	22.33	22.32	22.23
		Inner_Full	22.00	21.83	21.85	21.69
		Inner_1RB_Left	23.50	23.15	23.23	23.12
		Inner_1RB_Right	24.50	23.97	24.21	24.03
	CP-OFDM QPSK	Edge_1RB_Left	23.00	22.54	22.66	22.34
		Edge_1RB_Right	24.00	23.43	23.42	23.51
		Outer_Full	24.00	23.86	23.88	23.72
		Inner_Full	23.50	23.32	23.44	23.24
		Inner_1RB_Left	23.50	23.08	22.98	22.97
		Inner_1RB_Right	24.00	23.89	23.85	23.93
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.46	22.39	22.39
		Edge_1RB_Right	23.50	23.34	23.48	23.34
		Outer_Full	24.00	23.86	23.85	23.77
		Inner_Full	23.50	23.30	23.35	23.24
		Inner_1RB_Left	23.00	22.82	22.98	22.83
		Inner_1RB_Right	24.00	23.77	23.84	23.81
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.36	22.43	22.49
		Edge_1RB_Right	23.50	23.45	23.30	23.42
		Outer_Full	23.50	23.30	23.36	23.29
		Inner_Full	23.00	22.75	22.84	22.74
		Inner_1RB_Left	23.00	22.55	22.53	22.44
		Inner_1RB_Right	24.00	23.46	23.24	23.50
	CP-OFDM 256 QAM	Edge_1RB_Left	21.50	21.00	21.03	21.00
		Edge_1RB_Right	22.00	21.86	21.90	21.95
		Outer_Full	20.50	20.30	20.36	20.28
		Inner_Full	20.00	19.83	19.89	19.66
		Inner_1RB_Left	21.00	20.96	20.99	20.97
		Inner_1RB_Right	22.00	21.83	21.87	21.92

30K_N48			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		638334	641666	645000
				3575.01MHz	3624.99MHz	3675MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.54	16.58	20.16
		Edge_1RB_Right	22.00	21.42	21.55	19.82
		Outer_Full	22.00	20.30	21.90	15.73
		Inner_Full	21.50	21.42	20.75	19.16
		Inner_1RB_Left	22.00	21.17	21.83	16.53
		Inner_1RB_Right	22.00	21.56	19.33	19.35
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.80	15.48	20.70
		Edge_1RB_Right	21.50	21.21	20.13	19.58
		Outer_Full	22.00	21.60	20.67	19.99
		Inner_Full	21.00	20.44	20.72	16.16
		Inner_1RB_Left	21.50	20.18	21.29	19.80
		Inner_1RB_Right	22.00	21.58	19.97	21.34
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.99	20.69	20.33
		Edge_1RB_Right	22.00	20.66	21.53	21.67
		Outer_Full	22.00	21.73	21.47	20.69
		Inner_Full	22.00	21.52	20.78	21.12
		Inner_1RB_Left	22.00	21.80	20.99	20.89
		Inner_1RB_Right	20.00	19.94	19.05	19.64
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	19.49	21.51	21.86
		Edge_1RB_Right	21.50	20.31	18.67	21.25
		Outer_Full	21.50	20.22	19.06	21.33
		Inner_Full	22.00	20.08	21.50	21.64
		Inner_1RB_Left	22.00	20.77	21.40	21.50
		Inner_1RB_Right	21.50	19.94	20.74	21.36
	CP-OFDM QPSK	Edge_1RB_Left	22.00	19.60	17.72	21.86
		Edge_1RB_Right	21.50	21.21	20.10	20.06
		Outer_Full	21.50	19.92	21.13	21.23
		Inner_Full	21.50	21.40	20.45	20.59
		Inner_1RB_Left	21.00	20.91	17.43	17.89
		Inner_1RB_Right	21.50	20.68	20.04	21.30
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	21.24	21.87	21.73
		Edge_1RB_Right	21.50	21.27	14.25	17.77
		Outer_Full	22.00	21.49	21.71	15.66
		Inner_Full	21.50	21.14	19.62	15.84
		Inner_1RB_Left	22.00	21.89	20.74	19.41
		Inner_1RB_Right	20.00	19.51	13.90	17.36
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.17	17.14	20.87
		Edge_1RB_Right	22.00	20.35	16.97	21.66
		Outer_Full	21.00	20.90	18.16	19.01
		Inner_Full	21.50	20.19	18.41	21.22
		Inner_1RB_Left	21.00	20.74	20.73	20.89
		Inner_1RB_Right	22.00	21.80	17.92	20.51
	CP-OFDM 256 QAM	Edge_1RB_Left	21.00	17.98	20.66	19.30
		Edge_1RB_Right	21.50	18.09	21.20	19.84
		Outer_Full	20.50	18.28	20.00	20.27
		Inner_Full	21.00	18.53	20.58	19.40
		Inner_1RB_Left	21.00	18.70	20.85	20.13
		Inner_1RB_Right	20.50	17.83	20.23	19.42

30K_N48			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		638668	641666	644666
				3580.02MHz	3624.99MHz	3669.99MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.33	21.75	17.94
		Edge_1RB_Right	22.00	16.87	20.92	21.87
		Outer_Full	20.50	20.37	20.23	20.33
		Inner_Full	21.50	19.24	21.27	19.82
		Inner_1RB_Left	22.00	21.61	20.08	21.24
		Inner_1RB_Right	21.50	21.21	20.28	20.84
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	21.36	21.42	20.21
		Edge_1RB_Right	21.00	20.67	15.35	19.45
		Outer_Full	22.00	21.62	21.89	21.10
		Inner_Full	22.00	20.46	21.89	21.47
		Inner_1RB_Left	20.00	19.63	19.94	19.45
		Inner_1RB_Right	21.00	20.85	19.74	19.09
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	19.74	17.63	21.40
		Edge_1RB_Right	22.00	21.89	20.16	19.58
		Outer_Full	21.50	18.62	18.92	21.09
		Inner_Full	20.50	20.48	13.02	18.68
		Inner_1RB_Left	22.00	21.41	21.04	21.58
		Inner_1RB_Right	22.00	19.24	21.55	16.73
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	20.88	21.20	12.82
		Edge_1RB_Right	22.00	20.20	21.51	20.62
		Outer_Full	20.00	19.75	18.67	19.13
		Inner_Full	22.00	21.66	19.05	21.49
		Inner_1RB_Left	21.50	20.50	21.07	19.79
		Inner_1RB_Right	21.50	21.40	20.51	20.74
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.76	15.52	21.61
		Edge_1RB_Right	21.50	20.24	20.71	21.20
		Outer_Full	21.50	20.64	17.69	21.14
		Inner_Full	22.00	21.84	21.26	17.66
		Inner_1RB_Left	22.00	21.81	21.52	19.99
		Inner_1RB_Right	21.00	20.94	18.93	20.13
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.30	20.76	20.47
		Edge_1RB_Right	21.00	19.67	20.91	20.90
		Outer_Full	22.00	21.84	21.59	20.65
		Inner_Full	22.00	18.59	20.32	21.70
		Inner_1RB_Left	22.00	21.76	20.90	21.56
		Inner_1RB_Right	21.50	15.51	18.40	21.25
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.70	19.03	19.91
		Edge_1RB_Right	22.00	21.17	21.65	21.43
		Outer_Full	22.00	19.03	21.60	18.82
		Inner_Full	22.00	14.58	21.87	21.28
		Inner_1RB_Left	21.00	20.83	18.22	18.81
		Inner_1RB_Right	22.00	20.72	21.87	14.75
	CP-OFDM 256 QAM	Edge_1RB_Left	22.00	18.56	21.86	19.32
		Edge_1RB_Right	21.00	19.62	20.51	18.92
		Outer_Full	19.00	17.25	18.97	15.87
		Inner_Full	22.00	20.70	21.75	19.49
		Inner_1RB_Left	21.50	18.40	21.05	19.05
		Inner_1RB_Right	20.50	20.05	20.30	19.65

30K_N48			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		639000	641666	644332
				3585MHz	3624.99MHz	3664.98MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.50	21.19	20.75	20.99
		Edge_1RB_Right	21.50	19.30	21.09	19.11
		Outer_Full	20.50	19.44	20.15	19.77
		Inner_Full	22.00	19.51	21.74	21.84
		Inner_1RB_Left	22.00	19.69	20.39	21.57
		Inner_1RB_Right	21.00	20.82	17.58	16.20
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.99	21.81	21.26
		Edge_1RB_Right	22.00	21.36	20.64	21.53
		Outer_Full	20.00	19.24	19.49	19.84
		Inner_Full	21.50	21.09	19.77	20.54
		Inner_1RB_Left	22.00	20.90	16.12	21.54
		Inner_1RB_Right	22.00	20.86	17.32	21.80
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	20.32	17.14	21.14
		Edge_1RB_Right	22.00	20.17	21.45	21.72
		Outer_Full	21.00	20.60	20.48	18.66
		Inner_Full	21.50	19.63	21.44	18.64
		Inner_1RB_Left	21.00	18.61	20.96	18.46
		Inner_1RB_Right	21.50	21.16	20.29	21.18
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.31	15.20	20.75
		Edge_1RB_Right	20.00	17.32	14.88	19.58
		Outer_Full	20.50	19.16	20.11	17.52
		Inner_Full	21.00	20.41	17.03	20.70
		Inner_1RB_Left	22.00	18.17	18.44	21.82
		Inner_1RB_Right	22.00	21.83	20.45	21.37
	CP-OFDM QPSK	Edge_1RB_Left	21.50	20.65	19.27	21.47
		Edge_1RB_Right	22.00	21.51	19.17	20.17
		Outer_Full	21.00	20.89	18.50	18.62
		Inner_Full	22.00	20.52	20.09	21.85
		Inner_1RB_Left	22.00	21.28	21.24	21.87
		Inner_1RB_Right	22.00	21.03	20.80	21.62
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	21.16	21.28	20.01
		Edge_1RB_Right	21.50	19.75	20.45	21.20
		Outer_Full	20.50	19.82	20.24	19.20
		Inner_Full	22.00	20.07	21.86	17.06
		Inner_1RB_Left	22.00	18.39	21.51	19.80
		Inner_1RB_Right	22.00	21.34	18.08	21.60
	CP-OFDM 64 QAM	Edge_1RB_Left	21.50	21.42	19.66	20.57
		Edge_1RB_Right	22.00	21.75	21.41	19.67
		Outer_Full	20.50	16.75	20.23	17.72
		Inner_Full	21.50	15.75	21.32	21.14
		Inner_1RB_Left	22.00	21.07	21.87	20.46
		Inner_1RB_Right	21.00	19.03	20.83	19.69
	CP-OFDM 256 QAM	Edge_1RB_Left	22.00	20.51	20.70	21.87
		Edge_1RB_Right	21.00	19.53	20.13	20.88
		Outer_Full	17.00	16.17	16.70	15.54
		Inner_Full	20.00	18.06	19.74	17.04
		Inner_1RB_Left	21.50	21.21	20.35	19.01
		Inner_1RB_Right	21.50	21.34	17.68	20.00

30K_N48			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		639334	641666	644000
				3590.01MHz	3624.99MHz	3660MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.66	21.03	19.74
		Edge_1RB_Right	21.50	17.07	19.24	21.45
		Outer_Full	20.50	20.01	18.16	18.77
		Inner_Full	22.00	17.41	21.86	20.74
		Inner_1RB_Left	21.50	19.20	21.41	19.38
		Inner_1RB_Right	22.00	21.67	18.12	18.90
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	17.77	21.05	20.63
		Edge_1RB_Right	21.50	21.30	20.85	20.91
		Outer_Full	20.50	18.79	20.14	16.95
		Inner_Full	21.00	20.86	20.57	20.79
		Inner_1RB_Left	22.00	20.88	19.47	21.82
		Inner_1RB_Right	20.50	17.37	15.43	20.38
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.36	20.71	21.08
		Edge_1RB_Right	21.00	20.59	20.83	19.86
		Outer_Full	20.50	17.17	15.56	20.36
		Inner_Full	21.00	20.48	20.80	20.98
		Inner_1RB_Left	22.00	20.28	21.50	19.03
		Inner_1RB_Right	20.50	20.47	19.62	20.15
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	19.89	20.78	21.55
		Edge_1RB_Right	20.50	20.46	19.58	19.82
		Outer_Full	19.00	14.62	17.30	18.78
		Inner_Full	20.00	18.42	19.52	14.03
		Inner_1RB_Left	21.50	21.40	20.85	21.10
		Inner_1RB_Right	22.00	21.18	18.82	21.81
	CP-OFDM QPSK	Edge_1RB_Left	21.50	21.02	17.83	21.17
		Edge_1RB_Right	22.00	21.75	21.66	19.80
		Outer_Full	20.00	17.68	19.58	14.54
		Inner_Full	22.00	21.39	21.80	21.17
		Inner_1RB_Left	21.00	20.88	18.43	19.56
		Inner_1RB_Right	21.50	21.32	16.66	18.34
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	18.38	20.38	20.97
		Edge_1RB_Right	22.00	20.44	21.89	20.33
		Outer_Full	18.00	17.25	17.18	17.66
		Inner_Full	20.00	17.75	19.92	18.23
		Inner_1RB_Left	22.00	20.55	21.39	21.74
		Inner_1RB_Right	21.50	21.23	14.33	20.14
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	21.75	16.18	20.81
		Edge_1RB_Right	22.00	21.76	19.66	19.68
		Outer_Full	18.50	18.11	17.97	18.23
		Inner_Full	21.50	21.26	18.36	20.71
		Inner_1RB_Left	21.00	16.34	20.69	17.83
		Inner_1RB_Right	22.00	18.86	21.58	21.50
	CP-OFDM 256 QAM	Edge_1RB_Left	21.50	20.78	21.29	21.33
		Edge_1RB_Right	20.00	19.36	17.25	19.88
		Outer_Full	17.00	16.92	12.02	14.41
		Inner_Full	19.00	17.85	15.71	18.68
		Inner_1RB_Left	22.00	19.89	19.86	21.72
		Inner_1RB_Right	22.00	21.83	17.52	19.60

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		342500	349000	355500
				1712.5MHz	1745.0MHz	1777.5MHz
5MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	21.99	21.96	22.05
		Edge_1RB_Right	22.50	22.05	22.04	22.03
		Outer_Full	22.50	22.10	22.10	22.12
		Inner_Full	22.50	22.12	22.10	22.13
		Inner_1RB_Left	22.50	21.99	22.01	22.10
		Inner_1RB_Right	22.50	21.97	21.96	22.09
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	20.99	21.12	20.99
		Edge_1RB_Right	21.50	21.07	20.87	21.02
		Outer_Full	21.50	21.11	21.18	21.16
		Inner_Full	22.50	22.11	22.19	22.28
		Inner_1RB_Left	22.50	21.86	22.04	21.99
		Inner_1RB_Right	22.50	21.99	22.13	21.94
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.58	20.53	20.78
		Edge_1RB_Right	21.00	20.49	20.52	20.75
		Outer_Full	21.00	20.65	20.71	20.63
		Inner_Full	21.00	20.64	20.70	20.73
		Inner_1RB_Left	21.00	20.80	20.68	20.80
		Inner_1RB_Right	21.00	20.31	20.74	20.78
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.60	18.08	18.11
		Edge_1RB_Right	19.00	18.67	18.12	18.09
		Outer_Full	19.00	18.54	18.53	18.60
		Inner_Full	19.00	18.53	18.69	18.61
		Inner_1RB_Left	19.00	18.53	18.11	18.08
		Inner_1RB_Right	19.00	18.51	18.12	18.18
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.11	20.09	20.14
		Edge_1RB_Right	20.50	20.03	20.11	20.18
		Outer_Full	20.50	20.05	20.10	20.09
		Inner_Full	22.00	21.49	21.64	21.67
		Inner_1RB_Left	22.00	21.35	21.52	21.45
		Inner_1RB_Right	22.00	21.47	21.58	21.43
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.02	20.05	20.17
		Edge_1RB_Right	20.50	20.08	20.03	20.16
		Outer_Full	20.50	20.14	20.17	20.29
		Inner_Full	21.50	20.98	21.04	21.05
		Inner_1RB_Left	21.50	21.10	21.20	21.13
		Inner_1RB_Right	21.50	20.95	21.22	21.18
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.54	19.75	19.71
		Edge_1RB_Right	20.00	19.74	19.71	19.74
		Outer_Full	20.00	19.61	19.66	19.69
		Inner_Full	20.00	19.48	19.72	19.68
		Inner_1RB_Left	20.00	19.70	19.73	19.70
		Inner_1RB_Right	20.00	19.73	19.69	19.74
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.69	16.22	16.67
		Edge_1RB_Right	17.00	16.67	16.22	16.68
		Outer_Full	17.00	16.58	16.65	16.57
		Inner_Full	17.00	16.68	16.69	16.66
		Inner_1RB_Left	17.00	16.58	16.14	16.83
		Inner_1RB_Right	17.00	16.56	16.20	16.55

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		343000	349000	355000
				1715.0MHz	1745.0MHz	1775.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.13	22.11	21.69
		Edge_1RB_Right	22.50	22.03	22.08	21.63
		Outer_Full	22.50	22.24	22.16	21.72
		Inner_Full	22.50	22.20	21.80	21.73
		Inner_1RB_Left	22.50	22.14	22.17	21.63
		Inner_1RB_Right	22.50	22.09	22.06	21.61
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	21.16	20.67	20.63
		Edge_1RB_Right	21.50	21.00	20.47	20.63
		Outer_Full	21.50	21.21	20.76	20.76
		Inner_Full	22.50	22.20	21.67	21.75
		Inner_1RB_Left	22.50	22.04	21.59	21.59
		Inner_1RB_Right	22.50	22.04	21.61	21.69
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.83	20.35	20.29
		Edge_1RB_Right	21.00	20.84	20.28	20.41
		Outer_Full	21.00	20.78	20.20	20.36
		Inner_Full	21.00	20.68	20.23	20.29
		Inner_1RB_Left	21.00	20.88	20.41	20.31
		Inner_1RB_Right	21.00	20.91	20.36	20.45
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.23	18.23	17.79
		Edge_1RB_Right	18.50	18.42	18.31	17.86
		Outer_Full	19.00	18.65	18.19	18.26
		Inner_Full	19.00	18.61	18.25	18.26
		Inner_1RB_Left	18.50	18.27	18.48	17.78
		Inner_1RB_Right	18.50	18.39	18.35	17.90
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.23	19.70	19.66
		Edge_1RB_Right	20.50	20.15	19.75	19.63
		Outer_Full	20.50	20.22	19.76	19.82
		Inner_Full	22.00	21.63	21.20	21.24
		Inner_1RB_Left	22.00	21.53	21.26	21.07
		Inner_1RB_Right	22.00	21.91	20.95	21.05
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.18	19.72	20.10
		Edge_1RB_Right	20.50	20.19	19.64	19.75
		Outer_Full	20.50	20.25	19.66	19.85
		Inner_Full	21.50	21.23	20.69	20.74
		Inner_1RB_Left	21.50	21.16	20.80	20.59
		Inner_1RB_Right	21.50	21.16	20.64	20.66
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.72	19.31	19.27
		Edge_1RB_Right	20.00	19.85	19.28	19.41
		Outer_Full	20.00	19.74	19.32	19.33
		Inner_Full	20.00	19.73	19.28	19.32
		Inner_1RB_Left	20.00	19.76	19.30	19.22
		Inner_1RB_Right	20.00	19.80	19.23	19.35
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.35	15.97	15.95
		Edge_1RB_Right	17.00	16.51	16.00	16.08
		Outer_Full	17.00	16.68	16.20	16.26
		Inner_Full	17.00	16.68	16.24	16.29
		Inner_1RB_Left	16.50	16.34	15.88	15.85
		Inner_1RB_Right	16.50	16.47	15.89	15.96

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		343500	349000	354500
				1717.5MHz	1745.0MHz	1772.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.55	21.58	21.58
		Edge_1RB_Right	22.00	21.46	21.43	21.69
		Outer_Full	22.00	21.52	21.54	21.68
		Inner_Full	22.00	21.54	21.60	21.70
		Inner_1RB_Left	22.00	21.50	21.54	21.63
		Inner_1RB_Right	22.00	21.49	21.57	21.68
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.48	20.50	20.50
		Edge_1RB_Right	21.00	20.51	20.57	20.57
		Outer_Full	21.00	20.62	20.63	20.79
		Inner_Full	22.00	21.62	21.69	21.75
		Inner_1RB_Left	22.00	21.59	21.54	21.44
		Inner_1RB_Right	22.00	21.57	21.53	21.45
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.20	20.27	20.33
		Edge_1RB_Right	20.50	20.25	20.31	20.40
		Outer_Full	20.50	20.23	20.14	20.21
		Inner_Full	20.50	20.20	20.07	20.14
		Inner_1RB_Left	20.50	20.24	20.26	20.32
		Inner_1RB_Right	20.50	20.22	19.83	20.39
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.16	17.54	17.53
		Edge_1RB_Right	18.50	18.14	17.60	17.67
		Outer_Full	18.50	18.20	18.07	18.05
		Inner_Full	18.50	18.16	18.10	18.11
		Inner_1RB_Left	18.00	17.78	17.56	17.53
		Inner_1RB_Right	18.50	18.17	17.58	17.69
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.67	19.69	19.60
		Edge_1RB_Right	20.00	19.56	19.99	19.72
		Outer_Full	20.00	19.65	19.63	19.64
		Inner_Full	21.50	20.97	21.07	21.24
		Inner_1RB_Left	21.50	21.01	21.41	21.13
		Inner_1RB_Right	21.50	20.93	20.94	21.01
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.58	19.64	19.71
		Edge_1RB_Right	20.00	19.58	19.81	19.78
		Outer_Full	20.00	19.62	19.60	19.62
		Inner_Full	21.00	20.54	20.63	20.75
		Inner_1RB_Left	21.00	20.53	20.31	20.66
		Inner_1RB_Right	21.00	20.55	20.48	20.71
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.96	19.25	19.21
		Edge_1RB_Right	19.50	19.37	19.16	19.29
		Outer_Full	19.50	19.17	19.23	19.14
		Inner_Full	19.50	19.19	19.09	19.15
		Inner_1RB_Left	19.50	19.06	19.11	19.14
		Inner_1RB_Right	19.50	19.12	19.13	19.30
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.01	15.69	15.55
		Edge_1RB_Right	16.50	16.17	15.73	15.71
		Outer_Full	16.50	16.17	16.06	16.10
		Inner_Full	16.50	16.20	16.14	16.09
		Inner_1RB_Left	16.50	16.38	15.71	15.55
		Inner_1RB_Right	16.50	16.26	15.74	15.69

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		344000	349000	354000
				1720.0MHz	1745.0MHz	1770.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.64	21.66	21.61
		Edge_1RB_Right	22.00	21.65	21.69	21.64
		Outer_Full	22.00	21.59	21.63	21.72
		Inner_Full	22.00	21.59	21.66	21.75
		Inner_1RB_Left	22.00	21.65	21.63	21.64
		Inner_1RB_Right	22.00	21.62	21.64	21.60
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.57	20.57	20.52
		Edge_1RB_Right	21.00	20.57	20.63	20.54
		Outer_Full	21.00	20.66	20.65	20.80
		Inner_Full	22.00	21.61	21.73	21.81
		Inner_1RB_Left	22.00	21.53	21.54	21.47
		Inner_1RB_Right	22.00	21.53	21.59	21.52
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.17	20.21	20.27
		Edge_1RB_Right	20.50	20.21	20.12	20.37
		Outer_Full	20.50	20.31	20.25	20.27
		Inner_Full	20.50	20.29	20.23	20.29
		Inner_1RB_Left	20.50	20.19	20.16	20.33
		Inner_1RB_Right	20.50	20.19	20.20	20.39
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.70	18.38	17.63
		Edge_1RB_Right	19.00	17.66	18.60	17.79
		Outer_Full	18.50	18.22	18.14	18.16
		Inner_Full	18.50	18.24	18.16	18.12
		Inner_1RB_Left	18.50	17.65	18.11	17.73
		Inner_1RB_Right	18.50	17.68	18.29	17.80
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.66	19.77	19.74
		Edge_1RB_Right	20.00	19.62	19.65	19.69
		Outer_Full	20.00	19.78	19.73	19.73
		Inner_Full	21.50	21.07	21.12	21.28
		Inner_1RB_Left	21.50	21.09	21.17	21.10
		Inner_1RB_Right	21.50	21.02	20.99	21.04
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.71	19.74	19.66
		Edge_1RB_Right	20.00	19.71	19.79	19.72
		Outer_Full	20.00	19.67	19.64	19.74
		Inner_Full	21.00	20.61	20.70	20.79
		Inner_1RB_Left	21.00	20.65	20.69	20.56
		Inner_1RB_Right	21.00	20.62	20.58	20.69
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.28	19.36	19.22
		Edge_1RB_Right	19.50	18.96	19.33	19.29
		Outer_Full	19.50	19.27	19.23	19.17
		Inner_Full	19.50	19.21	19.28	19.19
		Inner_1RB_Left	19.50	19.02	19.25	19.26
		Inner_1RB_Right	19.50	19.24	19.24	19.29
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.05	16.28	16.18
		Edge_1RB_Right	16.50	16.41	16.32	16.27
		Outer_Full	16.50	16.24	16.21	16.16
		Inner_Full	16.50	16.23	16.20	16.18
		Inner_1RB_Left	16.50	16.37	16.42	16.24
		Inner_1RB_Right	16.50	16.01	16.26	16.17

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		344500	349000	353500
				1722.5MHz	1745.0MHz	1767.5MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.76	21.85	21.82
		Edge_1RB_Right	22.00	21.61	21.81	21.87
		Outer_Full	22.00	21.90	21.90	21.92
		Inner_Full	22.00	21.84	21.78	21.88
		Inner_1RB_Left	22.00	21.73	21.79	21.81
		Inner_1RB_Right	22.00	21.77	21.83	21.79
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.66	20.78	20.70
		Edge_1RB_Right	21.00	20.62	20.69	20.71
		Outer_Full	21.00	20.89	20.91	20.90
		Inner_Full	22.00	21.91	21.87	21.85
		Inner_1RB_Left	22.00	21.65	21.77	21.76
		Inner_1RB_Right	22.00	21.62	21.79	21.70
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.42	20.32	20.43
		Edge_1RB_Right	21.00	20.42	20.33	20.60
		Outer_Full	20.50	20.45	20.40	20.42
		Inner_Full	20.50	20.46	20.39	20.42
		Inner_1RB_Left	20.50	20.36	20.33	20.47
		Inner_1RB_Right	21.00	20.35	20.29	20.51
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.11	18.13	18.13
		Edge_1RB_Right	18.50	18.09	18.10	18.18
		Outer_Full	18.50	18.39	18.36	18.37
		Inner_Full	18.50	18.32	18.34	18.31
		Inner_1RB_Left	18.50	18.04	18.14	18.11
		Inner_1RB_Right	18.50	18.08	18.08	18.14
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.79	19.86	19.85
		Edge_1RB_Right	20.00	19.78	19.94	19.98
		Outer_Full	20.00	19.91	19.93	19.94
		Inner_Full	21.50	21.37	21.37	21.40
		Inner_1RB_Left	21.50	21.49	21.39	21.23
		Inner_1RB_Right	21.50	21.39	21.32	21.38
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.76	19.75	19.82
		Edge_1RB_Right	20.00	19.71	19.85	19.96
		Outer_Full	20.50	19.87	19.93	20.04
		Inner_Full	21.00	20.86	20.80	20.88
		Inner_1RB_Left	21.00	20.80	20.87	20.86
		Inner_1RB_Right	21.00	20.77	20.87	20.87
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.41	19.50	19.45
		Edge_1RB_Right	20.00	19.31	19.44	19.51
		Outer_Full	19.50	19.47	19.45	19.46
		Inner_Full	19.50	19.38	19.34	19.41
		Inner_1RB_Left	19.50	19.13	19.47	19.42
		Inner_1RB_Right	20.00	19.27	19.41	19.52
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.46	16.96	16.30
		Edge_1RB_Right	17.00	16.66	16.43	16.33
		Outer_Full	16.50	16.41	16.40	16.36
		Inner_Full	16.50	16.31	16.37	16.33
		Inner_1RB_Left	17.00	16.64	16.82	16.15
		Inner_1RB_Right	17.00	16.70	16.77	16.34

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		345000	349000	353000
				1725.0MHz	1745.0MHz	1765.0MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.81	21.86	21.83
		Edge_1RB_Right	22.00	21.66	21.78	21.92
		Outer_Full	22.50	22.04	22.00	22.04
		Inner_Full	22.50	22.00	21.94	21.97
		Inner_1RB_Left	22.00	21.76	21.80	21.89
		Inner_1RB_Right	22.00	21.69	21.82	21.93
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.74	20.80	20.69
		Edge_1RB_Right	21.00	20.85	20.71	20.77
		Outer_Full	21.50	21.11	20.93	21.09
		Inner_Full	22.00	21.95	21.90	21.90
		Inner_1RB_Left	22.00	21.71	21.78	21.68
		Inner_1RB_Right	22.00	21.48	21.76	21.64
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.48	20.55	20.44
		Edge_1RB_Right	21.00	20.41	20.33	20.51
		Outer_Full	21.00	20.63	20.57	20.56
		Inner_Full	21.00	20.53	20.45	20.54
		Inner_1RB_Left	21.00	20.50	20.21	20.52
		Inner_1RB_Right	21.00	20.39	20.43	20.53
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.28	18.86	18.34
		Edge_1RB_Right	19.00	18.19	18.80	18.28
		Outer_Full	19.00	18.54	18.52	18.56
		Inner_Full	18.50	18.40	18.44	18.42
		Inner_1RB_Left	19.00	18.31	18.80	18.29
		Inner_1RB_Right	19.00	18.18	18.71	18.28
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.84	19.93	19.85
		Edge_1RB_Right	20.00	19.62	19.93	19.96
		Outer_Full	20.50	20.15	20.04	20.03
		Inner_Full	21.50	21.47	21.41	21.42
		Inner_1RB_Left	21.50	21.19	21.40	21.38
		Inner_1RB_Right	21.50	21.29	21.40	21.32
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.03	19.90	19.86
		Edge_1RB_Right	20.00	19.85	19.91	19.82
		Outer_Full	20.50	20.09	20.01	20.07
		Inner_Full	21.00	20.99	20.79	20.92
		Inner_1RB_Left	21.00	20.63	20.87	20.87
		Inner_1RB_Right	21.00	20.73	20.85	20.93
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.33	19.42	19.61
		Edge_1RB_Right	20.00	19.29	19.42	19.54
		Outer_Full	20.00	19.62	19.57	19.52
		Inner_Full	19.50	19.45	19.39	19.45
		Inner_1RB_Left	19.50	19.42	19.49	19.43
		Inner_1RB_Right	20.00	19.57	19.49	19.41
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.72	17.05	17.29
		Edge_1RB_Right	17.00	16.84	16.85	16.66
		Outer_Full	17.00	16.64	16.45	16.57
		Inner_Full	16.50	16.42	16.38	16.41
		Inner_1RB_Left	17.50	16.70	16.81	17.07
		Inner_1RB_Right	17.00	16.85	16.90	16.92

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		343500	349000	354500
				1730.0MHz	1745.0MHz	1760.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.72	21.84	21.74
		Edge_1RB_Right	22.00	21.75	21.73	21.84
		Outer_Full	22.50	22.09	22.09	22.07
		Inner_Full	22.00	21.96	21.90	21.98
		Inner_1RB_Left	22.00	21.76	21.78	21.70
		Inner_1RB_Right	22.00	21.78	21.78	21.81
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.76	20.81	20.67
		Edge_1RB_Right	21.00	20.68	20.66	20.69
		Outer_Full	21.50	21.05	21.12	21.12
		Inner_Full	22.00	21.92	21.93	21.95
		Inner_1RB_Left	22.00	21.67	21.75	21.63
		Inner_1RB_Right	22.00	21.65	21.70	21.66
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.37	20.43	20.38
		Edge_1RB_Right	21.00	20.38	20.45	20.51
		Outer_Full	21.00	20.65	20.62	20.64
		Inner_Full	20.50	20.44	20.44	20.49
		Inner_1RB_Left	21.00	20.41	20.52	20.39
		Inner_1RB_Right	20.50	20.48	20.48	20.45
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.63	18.77	18.67
		Edge_1RB_Right	19.00	18.53	18.56	18.69
		Outer_Full	19.00	18.63	18.59	18.66
		Inner_Full	18.50	18.40	18.42	18.47
		Inner_1RB_Left	19.00	18.66	18.77	18.65
		Inner_1RB_Right	19.00	18.55	18.57	18.64
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.84	19.93	19.76
		Edge_1RB_Right	20.00	19.84	19.84	19.86
		Outer_Full	20.50	20.13	20.15	20.17
		Inner_Full	21.50	21.42	21.43	21.48
		Inner_1RB_Left	21.50	21.35	21.30	21.23
		Inner_1RB_Right	21.50	21.36	21.42	21.46
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.84	19.92	19.73
		Edge_1RB_Right	20.00	19.75	19.83	19.88
		Outer_Full	20.50	20.14	20.14	20.10
		Inner_Full	21.00	20.91	20.89	20.90
		Inner_1RB_Left	21.00	20.92	20.96	20.75
		Inner_1RB_Right	21.00	20.88	20.96	20.96
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.44	19.47	19.34
		Edge_1RB_Right	19.50	19.39	19.36	19.42
		Outer_Full	20.00	19.62	19.65	19.65
		Inner_Full	20.00	19.51	19.46	19.49
		Inner_1RB_Left	19.50	19.34	19.43	19.25
		Inner_1RB_Right	19.50	19.43	19.40	19.46
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.80	16.91	16.76
		Edge_1RB_Right	17.00	16.69	16.68	16.80
		Outer_Full	17.00	16.64	16.68	16.63
		Inner_Full	16.50	16.45	16.42	16.38
		Inner_1RB_Left	17.00	16.72	16.81	16.76
		Inner_1RB_Right	17.00	16.71	16.72	16.77

15K_N71			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		133100	136100	139100
				665.5MHz	680.5MHz	695.5MHz
5MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	8.83	22.60	22.51
		Edge_1RB_Right	23.00	7.48	22.55	22.57
		Outer_Full	23.00	7.74	22.67	22.47
		Inner_Full	23.00	12.39	22.67	22.41
		Inner_1RB_Left	23.00	5.52	22.62	22.51
		Inner_1RB_Right	23.00	5.77	22.55	22.58
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	11.00	21.67	21.57
		Edge_1RB_Right	22.00	11.01	21.62	21.62
		Outer_Full	22.00	11.28	21.68	21.57
		Inner_Full	23.00	12.84	22.83	22.62
		Inner_1RB_Left	23.00	10.99	22.62	22.56
		Inner_1RB_Right	23.00	11.48	22.59	22.54
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.37	21.47	21.30
		Edge_1RB_Right	21.50	21.37	21.40	21.24
		Outer_Full	21.50	21.17	21.15	21.00
		Inner_Full	21.50	21.32	21.25	21.11
		Inner_1RB_Left	22.00	21.45	21.55	21.25
		Inner_1RB_Right	21.50	21.30	21.43	21.28
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.57	18.50	18.37
		Edge_1RB_Right	19.00	18.56	18.47	18.41
		Outer_Full	19.50	19.01	18.95	18.93
		Inner_Full	19.50	19.07	18.87	19.07
		Inner_1RB_Left	19.00	18.61	18.52	18.42
		Inner_1RB_Right	19.00	18.56	18.41	18.42
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.52	20.45	20.40
		Edge_1RB_Right	20.50	20.46	20.34	20.37
		Outer_Full	21.00	20.55	20.38	20.50
		Inner_Full	22.50	22.22	22.11	21.95
		Inner_1RB_Left	22.50	22.03	22.04	21.95
		Inner_1RB_Right	22.50	22.01	22.01	21.95
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.48	20.41	20.36
		Edge_1RB_Right	20.50	20.40	20.42	20.44
		Outer_Full	21.00	20.64	20.50	20.52
		Inner_Full	22.00	21.60	21.58	21.42
		Inner_1RB_Left	22.00	21.83	21.73	21.55
		Inner_1RB_Right	22.00	21.69	21.70	21.65
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.18	20.01	20.01
		Edge_1RB_Right	20.50	20.05	20.03	20.02
		Outer_Full	20.50	20.07	20.05	20.02
		Inner_Full	20.50	20.07	19.98	20.04
		Inner_1RB_Left	20.50	20.18	20.08	19.99
		Inner_1RB_Right	20.50	20.01	19.97	19.90
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.71	16.64	16.51
		Edge_1RB_Right	17.00	16.66	16.59	16.40
		Outer_Full	17.50	17.12	16.93	16.92
		Inner_Full	17.50	17.07	17.05	17.03
		Inner_1RB_Left	17.00	16.72	16.65	16.45
		Inner 1RB Right	17.00	16.61	16.53	16.47

15K_N71			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		133600	136100	138600
				668MHz	680.5MHz	693MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.61	22.62	22.34
		Edge_1RB_Right	23.00	22.67	22.56	22.27
		Outer_Full	23.00	22.71	22.66	22.41
		Inner_Full	23.00	22.70	22.64	22.46
		Inner_1RB_Left	23.00	22.64	22.56	22.40
		Inner_1RB_Right	23.00	22.68	22.58	22.30
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.59	21.63	21.55
		Edge_1RB_Right	22.00	21.67	21.55	21.11
		Outer_Full	22.00	21.68	21.73	21.42
		Inner_Full	23.00	22.72	22.71	22.39
		Inner_1RB_Left	23.00	22.59	22.65	22.33
		Inner_1RB_Right	23.00	22.71	22.51	22.25
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.40	21.31	21.15
		Edge_1RB_Right	21.50	21.39	21.26	20.99
		Outer_Full	21.50	21.39	21.29	20.94
		Inner_Full	21.50	21.25	21.19	20.92
		Inner_1RB_Left	21.50	21.39	21.35	21.14
		Inner_1RB_Right	21.50	21.45	21.26	21.05
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.71	18.65	18.44
		Edge_1RB_Right	19.00	18.66	18.52	18.44
		Outer_Full	19.50	19.01	18.97	18.80
		Inner_Full	19.50	19.01	18.93	18.73
		Inner_1RB_Left	19.00	18.71	18.73	18.41
		Inner_1RB_Right	19.00	18.67	18.58	18.45
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.46	20.53	20.18
		Edge_1RB_Right	20.50	20.37	20.34	20.16
		Outer_Full	21.00	20.49	20.53	20.32
		Inner_Full	22.50	22.24	22.15	21.84
		Inner_1RB_Left	22.50	22.05	22.07	21.76
		Inner_1RB_Right	22.50	22.10	22.07	21.60
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.55	20.49	20.35
		Edge_1RB_Right	21.00	20.51	20.35	20.30
		Outer_Full	21.00	20.60	20.53	20.36
		Inner_Full	22.00	21.73	21.77	21.43
		Inner_1RB_Left	22.00	21.71	21.66	21.52
		Inner_1RB_Right	22.00	21.68	21.60	21.39
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.19	19.92	19.83
		Edge_1RB_Right	20.50	20.10	19.68	19.76
		Outer_Full	20.50	20.11	19.89	19.82
		Inner_Full	20.50	20.08	19.88	19.82
		Inner_1RB_Left	20.50	20.08	19.94	19.80
		Inner_1RB_Right	20.50	20.04	19.68	19.82
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.85	17.32	16.61
		Edge_1RB_Right	17.50	16.73	17.05	16.56
		Outer_Full	17.50	17.06	16.87	16.84
		Inner_Full	17.50	17.05	16.84	16.86
		Inner_1RB_Left	17.50	16.82	17.01	16.59
		Inner_1RB_Right	17.50	16.82	17.05	16.55

15K_N71			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		134100	136100	138100
				670.5MHz	680.5MHz	690.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.30	22.38	22.29
		Edge_1RB_Right	22.50	22.44	22.29	22.23
		Outer_Full	22.50	22.37	22.40	22.46
		Inner_Full	22.50	22.43	22.48	22.40
		Inner_1RB_Left	22.50	22.37	22.42	22.32
		Inner_1RB_Right	22.50	22.37	22.28	22.22
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	21.30	21.42	21.45
		Edge_1RB_Right	21.50	21.39	21.37	21.31
		Outer_Full	22.00	21.43	21.49	21.50
		Inner_Full	22.50	22.43	22.47	22.45
		Inner_1RB_Left	22.50	22.32	22.34	22.43
		Inner_1RB_Right	22.50	22.41	22.23	22.34
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.11	21.28	21.20
		Edge_1RB_Right	21.50	21.09	21.15	20.97
		Outer_Full	21.50	20.90	21.03	20.97
		Inner_Full	21.50	20.95	21.01	21.00
		Inner_1RB_Left	21.50	21.03	21.16	21.17
		Inner_1RB_Right	21.50	21.13	21.05	21.09
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.18	18.16	18.18
		Edge_1RB_Right	18.50	18.20	18.21	18.29
		Outer_Full	19.00	18.76	18.71	18.67
		Inner_Full	19.00	18.69	18.65	18.63
		Inner_1RB_Left	18.50	18.20	18.19	18.21
		Inner_1RB_Right	18.50	18.16	18.26	18.22
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.18	20.20	20.20
		Edge_1RB_Right	20.50	20.16	20.26	20.24
		Outer_Full	20.50	20.31	20.19	20.26
		Inner_Full	22.00	21.80	21.93	21.90
		Inner_1RB_Left	22.00	21.76	21.95	21.90
		Inner_1RB_Right	22.00	21.86	21.80	21.78
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.34	20.26	20.27
		Edge_1RB_Right	20.50	20.22	20.22	20.25
		Outer_Full	20.50	20.31	20.24	20.25
		Inner_Full	22.00	21.50	21.57	21.51
		Inner_1RB_Left	21.50	21.43	21.46	21.47
		Inner_1RB_Right	21.50	21.46	21.45	21.39
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.84	19.81	19.83
		Edge_1RB_Right	20.00	19.70	19.80	19.81
		Outer_Full	20.00	19.78	19.69	19.72
		Inner_Full	20.00	19.85	19.78	19.71
		Inner_1RB_Left	20.00	19.77	19.78	19.83
		Inner_1RB_Right	20.00	19.71	19.85	19.79
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.34	16.42	16.27
		Edge_1RB_Right	16.50	16.40	16.46	16.38
		Outer_Full	17.00	16.71	16.85	16.60
		Inner_Full	17.00	16.74	16.76	16.68
		Inner_1RB_Left	16.50	16.28	16.34	16.29
		Inner_1RB_Right	16.50	16.39	16.42	16.34

15K_N71			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		134600	136100	137600
				673MHz	680.5MHz	688MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.35	22.39	22.48
		Edge_1RB_Right	22.50	22.46	22.38	22.24
		Outer_Full	22.50	22.46	22.47	22.41
		Inner_Full	22.50	22.43	22.39	22.38
		Inner_1RB_Left	22.50	22.39	22.37	22.35
		Inner_1RB_Right	22.50	22.45	22.42	22.27
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	21.36	21.33	21.45
		Edge_1RB_Right	21.50	21.42	21.36	21.29
		Outer_Full	21.50	21.46	21.48	21.39
		Inner_Full	22.50	22.47	22.47	22.44
		Inner_1RB_Left	22.50	22.32	22.27	22.44
		Inner_1RB_Right	22.50	22.41	22.38	22.32
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.08	21.06	21.09
		Edge_1RB_Right	21.50	21.05	21.08	21.02
		Outer_Full	21.50	21.00	21.00	21.04
		Inner_Full	21.50	21.00	21.02	21.00
		Inner_1RB_Left	21.50	21.05	21.05	21.19
		Inner_1RB_Right	21.50	21.06	21.03	21.03
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.33	18.41	18.37
		Edge_1RB_Right	18.50	18.31	18.32	18.37
		Outer_Full	19.00	18.78	18.72	18.87
		Inner_Full	19.00	18.76	18.73	18.76
		Inner_1RB_Left	18.50	18.37	18.36	18.41
		Inner_1RB_Right	18.50	18.26	18.30	18.27
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.25	20.30	20.25
		Edge_1RB_Right	20.50	20.22	20.21	20.29
		Outer_Full	20.50	20.23	20.36	20.32
		Inner_Full	22.00	21.90	21.92	21.91
		Inner_1RB_Left	22.50	21.78	21.87	22.25
		Inner_1RB_Right	22.00	21.83	21.63	21.86
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.28	20.26	20.24
		Edge_1RB_Right	20.50	20.21	20.19	20.28
		Outer_Full	20.50	20.16	20.33	20.32
		Inner_Full	21.50	21.49	21.47	21.42
		Inner_1RB_Left	21.50	21.44	21.38	21.49
		Inner_1RB_Right	21.50	21.35	21.33	21.29
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.78	19.91	19.78
		Edge_1RB_Right	20.00	19.83	19.64	19.84
		Outer_Full	20.00	19.76	19.90	19.80
		Inner_Full	20.00	19.81	19.78	19.87
		Inner_1RB_Left	20.00	19.86	19.75	19.85
		Inner_1RB_Right	20.00	19.75	19.61	19.73
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.48	16.55	16.58
		Edge_1RB_Right	17.00	16.48	16.48	16.57
		Outer_Full	17.00	16.73	16.85	16.88
		Inner_Full	17.00	16.71	16.69	16.84
		Inner_1RB_Left	17.00	16.50	16.52	16.53
		Inner_1RB_Right	17.00	16.36	16.35	16.51

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647001	656000	665000
				3705.0MHz	3840.0MHz	3975.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	25.72	26.07	25.77
		Edge_1RB_Right	26.50	25.75	26.11	25.85
		Outer_Full	27.00	26.24	26.80	26.42
		Inner_Full	27.00	26.30	26.66	26.39
		Inner_1RB_Left	27.00	26.18	26.54	26.30
		Inner_1RB_Right	27.00	26.25	26.68	26.35
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.57	25.95	25.57
		Edge_1RB_Right	26.00	25.50	25.94	25.75
		Outer_Full	27.00	26.33	26.74	26.48
		Inner_Full	27.00	26.12	26.70	26.40
		Inner_1RB_Left	27.00	25.89	26.54	26.18
		Inner_1RB_Right	26.50	25.95	26.46	26.21
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.60	26.11	25.77
		Edge_1RB_Right	26.50	25.64	26.14	26.05
		Outer_Full	27.00	26.25	26.74	26.31
		Inner_Full	27.00	26.18	26.66	26.51
		Inner_1RB_Left	27.00	26.08	26.70	26.45
		Inner_1RB_Right	27.00	26.19	26.68	26.33
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.50	24.73	25.21	24.86
		Edge_1RB_Right	25.50	24.88	25.22	24.94
		Outer_Full	25.50	24.72	25.21	24.85
		Inner_Full	25.50	24.74	25.23	24.92
		Inner_1RB_Left	25.50	24.72	25.19	24.84
		Inner_1RB_Right	25.50	24.83	25.26	24.93
	CP-OFDM QPSK	Edge_1RB_Left	26.50	25.72	26.16	25.94
		Edge_1RB_Right	26.50	25.80	26.13	26.03
		Outer_Full	27.00	26.16	26.74	26.34
		Inner_Full	27.00	26.31	26.70	26.49
		Inner_1RB_Left	27.00	26.28	26.60	26.39
		Inner_1RB_Right	27.00	26.35	26.64	26.38
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.54	26.01	25.72
		Edge_1RB_Right	26.50	25.62	26.12	25.77
		Outer_Full	27.00	26.29	26.64	26.43
		Inner_Full	27.00	26.12	26.69	26.28
		Inner_1RB_Left	27.00	26.11	26.58	26.23
		Inner_1RB_Right	27.00	26.09	26.58	26.13
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.65	26.08	25.77
		Edge_1RB_Right	26.50	25.71	26.20	25.91
		Outer_Full	26.50	25.69	26.28	25.89
		Inner_Full	26.50	25.69	26.23	26.02
		Inner_1RB_Left	26.50	25.67	26.16	25.81
		Inner_1RB_Right	26.50	25.67	26.18	25.78
	CP-OFDM 256 QAM	Edge_1RB_Left	23.50	22.79	23.35	22.94
		Edge_1RB_Right	23.50	22.97	23.45	23.06
		Outer_Full	23.50	22.70	23.23	22.96
		Inner_Full	23.50	22.87	23.33	23.01
		Inner_1RB_Left	23.50	22.82	23.36	22.95
		Inner_1RB_Right	23.50	22.91	23.47	23.00

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647334	656000	664667
				3710.0MHz	3840.0MHz	3970.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.62	25.89	25.54
		Edge_1RB_Right	26.50	25.62	26.04	25.62
		Outer_Full	27.00	26.10	26.56	26.31
		Inner_Full	26.50	26.22	26.47	26.24
		Inner_1RB_Left	26.50	26.13	26.29	25.97
		Inner_1RB_Right	26.50	26.11	26.31	26.14
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.48	25.75	25.43
		Edge_1RB_Right	26.00	25.45	25.88	25.70
		Outer_Full	26.50	26.23	26.45	26.22
		Inner_Full	26.50	26.10	26.49	26.36
		Inner_1RB_Left	26.50	25.92	26.21	25.94
		Inner_1RB_Right	26.50	25.96	26.48	25.99
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.62	25.97	25.74
		Edge_1RB_Right	26.50	25.56	26.08	25.84
		Outer_Full	27.00	26.12	26.62	26.25
		Inner_Full	27.00	26.10	26.50	26.24
		Inner_1RB_Left	26.50	26.06	26.47	26.22
		Inner_1RB_Right	27.00	26.13	26.62	26.20
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.00	24.68	24.95	24.79
		Edge_1RB_Right	25.50	24.75	25.27	24.71
		Outer_Full	25.50	24.64	25.07	24.75
		Inner_Full	25.50	24.64	25.04	24.63
		Inner_1RB_Left	25.00	24.64	24.95	24.76
		Inner_1RB_Right	25.50	24.66	25.05	24.84
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.79	25.94	25.69
		Edge_1RB_Right	26.50	25.78	26.08	25.79
		Outer_Full	26.50	26.09	26.46	26.19
		Inner_Full	27.00	26.17	26.56	26.27
		Inner_1RB_Left	26.50	26.21	26.40	26.26
		Inner_1RB_Right	27.00	26.18	26.53	26.37
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.46	25.75	25.47
		Edge_1RB_Right	26.00	25.47	25.91	25.57
		Outer_Full	26.50	26.14	26.48	26.34
		Inner_Full	27.00	26.04	26.50	26.22
		Inner_1RB_Left	26.50	25.98	26.33	26.04
		Inner_1RB_Right	26.50	26.08	26.49	26.24
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.59	25.91	25.65
		Edge_1RB_Right	26.50	25.64	26.12	25.77
		Outer_Full	26.00	25.57	25.95	25.66
		Inner_Full	26.50	25.60	26.11	25.76
		Inner_1RB_Left	26.00	25.62	25.97	25.71
		Inner_1RB_Right	26.50	25.66	26.09	25.71
	CP-OFDM 256 QAM	Edge_1RB_Left	23.00	22.70	22.99	22.74
		Edge_1RB_Right	23.50	22.83	23.29	22.95
		Outer_Full	23.00	22.64	22.98	22.76
		Inner_Full	23.50	22.66	23.15	23.00
		Inner_1RB_Left	23.50	22.69	23.02	22.76
		Inner_1RB_Right	23.50	22.77	23.17	22.76

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648000	656000	664000
				3720.0MHz	3840.0MHz	3960.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.68	25.84	25.57
		Edge_1RB_Right	26.50	25.59	26.08	25.76
		Outer_Full	27.00	26.50	26.84	26.70
		Inner_Full	27.00	26.43	26.62	26.34
		Inner_1RB_Left	26.50	26.13	26.39	25.99
		Inner_1RB_Right	26.50	26.20	26.49	26.35
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.41	25.79	25.64
		Edge_1RB_Right	26.00	25.51	25.98	25.54
		Outer_Full	27.00	26.53	26.73	26.49
		Inner_Full	27.00	26.33	26.68	26.35
		Inner_1RB_Left	26.50	25.90	26.22	26.00
		Inner_1RB_Right	26.50	26.01	26.32	26.13
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.56	25.90	25.66
		Edge_1RB_Right	26.00	25.66	25.99	25.65
		Outer_Full	27.00	26.54	26.81	26.55
		Inner_Full	27.00	26.28	26.66	26.33
		Inner_1RB_Left	26.50	26.11	26.41	26.42
		Inner_1RB_Right	27.00	26.30	26.61	26.54
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.00	25.47	25.78	25.47
		Edge_1RB_Right	26.00	25.52	25.77	25.51
		Outer_Full	25.50	25.05	25.35	24.93
		Inner_Full	25.50	24.78	25.17	24.87
		Inner_1RB_Left	26.00	25.49	25.82	25.47
		Inner_1RB_Right	26.00	25.57	25.76	25.52
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.80	25.95	25.62
		Edge_1RB_Right	26.50	25.85	26.04	25.86
		Outer_Full	27.00	26.51	26.79	26.51
		Inner_Full	27.00	26.40	26.71	26.33
		Inner_1RB_Left	27.00	26.32	26.50	26.26
		Inner_1RB_Right	27.00	26.22	26.49	26.56
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.48	25.80	25.58
		Edge_1RB_Right	26.00	25.68	25.92	25.73
		Outer_Full	27.00	26.53	26.75	26.51
		Inner_Full	27.00	26.41	26.72	26.37
		Inner_1RB_Left	26.50	25.97	26.28	26.05
		Inner_1RB_Right	26.50	26.21	26.48	26.16
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.63	25.92	25.60
		Edge_1RB_Right	26.50	25.72	26.03	25.90
		Outer_Full	26.50	26.03	26.38	26.06
		Inner_Full	26.50	25.83	26.12	25.86
		Inner_1RB_Left	26.50	25.63	26.01	25.63
		Inner_1RB_Right	26.50	25.75	26.08	25.85
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	23.47	23.79	23.42
		Edge_1RB_Right	24.00	23.57	23.85	23.59
		Outer_Full	23.50	23.11	23.37	22.92
		Inner_Full	23.50	22.88	23.25	23.01
		Inner_1RB_Left	24.00	23.50	23.83	23.44
		Inner_1RB_Right	24.00	23.58	23.81	23.57

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648334	656000	663667
				3725.0MHz	3840.0MHz	3955.0MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	25.77	26.03	25.65
		Edge_1RB_Right	26.50	25.96	26.21	25.93
		Outer_Full	27.00	26.53	26.87	26.76
		Inner_Full	27.00	26.46	26.90	26.53
		Inner_1RB_Left	27.00	26.25	26.62	26.39
		Inner_1RB_Right	27.00	26.49	26.72	26.44
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.55	25.94	25.54
		Edge_1RB_Right	26.50	25.89	26.12	25.72
		Outer_Full	27.00	26.52	26.93	26.64
		Inner_Full	27.00	26.39	26.97	26.55
		Inner_1RB_Left	27.00	26.01	26.50	26.25
		Inner_1RB_Right	27.00	26.41	26.67	26.25
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.84	26.16	25.67
		Edge_1RB_Right	26.50	26.22	26.26	26.12
		Outer_Full	27.00	26.47	26.98	26.56
		Inner_Full	27.00	26.42	26.99	26.56
		Inner_1RB_Left	27.00	26.15	26.80	26.53
		Inner_1RB_Right	27.00	26.50	26.83	26.57
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.50	24.90	25.41	24.97
		Edge_1RB_Right	26.00	25.32	25.55	25.17
		Outer_Full	26.00	24.97	25.54	24.83
		Inner_Full	25.50	24.91	25.40	24.92
		Inner_1RB_Left	25.50	24.85	25.48	25.20
		Inner_1RB_Right	26.00	25.31	25.59	25.21
	CP-OFDM QPSK	Edge_1RB_Left	26.50	25.88	26.11	25.82
		Edge_1RB_Right	26.50	26.02	26.36	26.05
		Outer_Full	27.50	26.47	27.00	26.59
		Inner_Full	27.00	26.43	26.97	26.64
		Inner_1RB_Left	27.00	26.39	26.79	26.54
		Inner_1RB_Right	27.00	26.55	26.82	26.64
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.54	26.04	25.74
		Edge_1RB_Right	26.50	25.96	26.36	25.78
		Outer_Full	27.00	26.45	26.93	26.64
		Inner_Full	27.00	26.43	26.99	26.54
		Inner_1RB_Left	27.00	26.16	26.60	26.50
		Inner_1RB_Right	27.00	26.54	26.74	26.43
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.73	26.23	25.83
		Edge_1RB_Right	26.50	26.03	26.46	25.96
		Outer_Full	26.50	26.00	26.48	26.06
		Inner_Full	27.00	25.89	26.51	26.06
		Inner_1RB_Left	26.50	25.70	26.23	25.73
		Inner_1RB_Right	26.50	26.13	26.47	26.10
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	22.92	23.51	23.28
		Edge_1RB_Right	24.00	23.41	23.64	23.20
		Outer_Full	24.00	23.00	23.55	22.97
		Inner_Full	23.50	22.92	23.44	22.96
		Inner_1RB_Left	23.50	22.95	23.49	23.13
		Inner_1RB_Right	24.00	23.36	23.68	23.24

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648667	656000	663334
				3730.0MHz	3840.0MHz	3950.0MHz
60MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	25.95	26.10	26.09
		Edge_1RB_Right	26.50	26.14	26.28	26.18
		Outer_Full	27.50	26.75	27.02	27.01
		Inner_Full	27.50	26.61	27.05	26.86
		Inner_1RB_Left	27.00	26.46	26.75	26.60
		Inner_1RB_Right	27.00	26.60	26.76	26.85
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.50	25.85	25.97	26.09
		Edge_1RB_Right	26.50	26.14	26.32	26.09
		Outer_Full	27.50	26.72	27.02	27.04
		Inner_Full	27.50	26.57	27.12	26.85
		Inner_1RB_Left	27.00	26.25	26.61	26.56
		Inner_1RB_Right	27.00	26.62	26.74	26.65
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.97	26.16	26.38
		Edge_1RB_Right	27.00	26.26	26.38	26.51
		Outer_Full	27.50	26.69	27.08	26.94
		Inner_Full	27.50	26.63	27.03	26.90
		Inner_1RB_Left	27.00	26.48	26.77	26.92
		Inner_1RB_Right	27.00	26.71	26.95	26.84
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.00	25.10	25.32	25.62
		Edge_1RB_Right	26.50	25.49	25.57	26.03
		Outer_Full	26.00	25.29	25.55	25.75
		Inner_Full	26.00	25.06	25.49	25.78
		Inner_1RB_Left	26.00	25.08	25.31	25.82
		Inner_1RB_Right	26.50	25.53	25.58	26.09
	CP-OFDM QPSK	Edge_1RB_Left	26.50	26.08	26.21	26.36
		Edge_1RB_Right	26.50	26.24	26.32	26.35
		Outer_Full	27.50	26.70	27.06	26.96
		Inner_Full	27.00	26.63	26.99	26.90
		Inner_1RB_Left	27.00	26.57	26.80	26.80
		Inner_1RB_Right	27.00	26.76	26.90	26.88
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.80	25.97	26.06
		Edge_1RB_Right	26.50	26.17	26.21	26.20
		Outer_Full	27.50	26.70	27.01	26.94
		Inner_Full	27.50	26.59	27.04	26.90
		Inner_1RB_Left	27.00	26.27	26.64	26.83
		Inner_1RB_Right	27.00	26.61	26.75	26.68
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.93	26.18	26.30
		Edge_1RB_Right	26.50	26.28	26.36	26.20
		Outer_Full	27.00	26.24	26.59	26.48
		Inner_Full	27.00	26.09	26.55	26.47
		Inner_1RB_Left	26.50	25.92	26.13	26.21
		Inner_1RB_Right	26.50	26.25	26.36	26.21
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	23.08	23.37	23.59
		Edge_1RB_Right	24.50	23.49	23.66	24.18
		Outer_Full	24.00	23.23	23.56	23.97
		Inner_Full	24.00	23.14	23.62	23.80
		Inner_1RB_Left	24.00	23.08	23.50	23.67
		Inner_1RB_Right	24.50	23.49	23.73	24.03

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		649334	656000	662667
				3735.0MHz	3840.0MHz	3945.0MHz
70MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	25.94	26.03	26.14
		Edge_1RB_Right	26.50	26.27	26.19	26.34
		Outer_Full	27.50	26.84	27.12	27.06
		Inner_Full	27.50	26.60	27.10	26.94
		Inner_1RB_Left	27.00	26.44	26.75	26.75
		Inner_1RB_Right	27.00	26.82	26.89	26.90
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.50	25.81	25.99	26.07
		Edge_1RB_Right	26.50	26.37	26.32	26.40
		Outer_Full	27.50	26.87	27.09	27.00
		Inner_Full	27.50	26.59	27.05	26.94
		Inner_1RB_Left	27.00	26.32	26.51	26.63
		Inner_1RB_Right	27.00	26.86	26.67	26.96
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.94	26.14	26.06
		Edge_1RB_Right	26.50	26.46	26.36	26.36
		Outer_Full	27.50	26.85	27.27	27.25
		Inner_Full	27.50	26.63	27.05	26.90
		Inner_1RB_Left	27.00	26.42	26.60	26.64
		Inner_1RB_Right	27.00	26.92	26.95	26.92
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.50	25.71	25.99	26.29
		Edge_1RB_Right	27.00	26.12	26.09	26.88
		Outer_Full	26.50	25.33	25.66	26.04
		Inner_Full	26.00	25.12	25.61	25.77
		Inner_1RB_Left	26.50	25.65	25.98	26.19
		Inner_1RB_Right	27.00	26.06	26.10	26.64
	CP-OFDM QPSK	Edge_1RB_Left	26.50	26.01	26.14	26.22
		Edge_1RB_Right	27.00	26.37	26.38	26.70
		Outer_Full	27.50	26.83	27.24	27.09
		Inner_Full	27.50	26.66	27.08	26.86
		Inner_1RB_Left	27.00	26.53	26.77	26.65
		Inner_1RB_Right	27.00	26.92	26.92	26.97
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.72	26.04	26.05
		Edge_1RB_Right	26.50	26.33	26.23	26.23
		Outer_Full	27.50	26.80	27.27	27.04
		Inner_Full	27.50	26.67	27.06	26.85
		Inner_1RB_Left	27.00	26.33	26.53	26.45
		Inner_1RB_Right	27.00	26.77	26.89	26.78
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.86	26.15	26.10
		Edge_1RB_Right	27.00	26.43	26.50	26.34
		Outer_Full	27.00	26.36	26.74	26.52
		Inner_Full	27.00	26.17	26.59	26.45
		Inner_1RB_Left	26.50	25.95	26.14	26.20
		Inner_1RB_Right	27.00	26.43	26.42	26.70
	CP-OFDM 256 QAM	Edge_1RB_Left	24.50	23.71	24.17	24.22
		Edge_1RB_Right	25.00	24.17	24.30	24.89
		Outer_Full	24.00	23.47	23.77	23.99
		Inner_Full	24.00	23.21	23.63	23.87
		Inner_1RB_Left	24.50	23.66	24.09	24.34
		Inner_1RB_Right	25.00	24.15	24.15	24.66

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		649334	656000	662667
				3740.0MHz	3840.0MHz	3940.0MHz
80MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	25.89	26.08	26.32
		Edge_1RB_Right	26.50	26.36	26.27	26.30
		Outer_Full	27.50	26.95	27.25	27.04
		Inner_Full	27.50	26.60	26.99	27.08
		Inner_1RB_Left	27.00	26.45	26.73	26.83
		Inner_1RB_Right	27.00	26.92	26.76	26.89
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.50	25.82	26.03	26.15
		Edge_1RB_Right	26.50	26.28	26.12	26.11
		Outer_Full	27.50	26.92	27.28	27.11
		Inner_Full	27.50	26.68	27.12	26.90
		Inner_1RB_Left	27.00	26.27	26.46	26.66
		Inner_1RB_Right	27.00	26.78	26.68	26.59
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.88	26.19	26.21
		Edge_1RB_Right	26.50	26.43	26.38	26.30
		Outer_Full	27.50	26.95	27.25	27.11
		Inner_Full	27.50	26.72	27.16	26.93
		Inner_1RB_Left	27.00	26.49	26.67	26.77
		Inner_1RB_Right	27.50	27.03	26.90	26.88
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.50	25.85	26.23	26.47
		Edge_1RB_Right	27.00	26.34	26.31	26.97
		Outer_Full	26.50	25.45	25.68	26.14
		Inner_Full	26.00	25.21	25.60	25.96
		Inner_1RB_Left	26.50	25.90	26.18	26.42
		Inner_1RB_Right	27.00	26.31	26.32	26.96
	CP-OFDM QPSK	Edge_1RB_Left	26.50	25.99	26.19	26.30
		Edge_1RB_Right	26.50	26.44	26.49	26.34
		Outer_Full	27.50	26.96	27.21	27.12
		Inner_Full	27.50	26.67	27.08	26.93
		Inner_1RB_Left	27.00	26.59	26.79	26.98
		Inner_1RB_Right	27.50	27.02	26.90	27.05
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.76	25.93	26.12
		Edge_1RB_Right	26.50	26.33	26.18	26.18
		Outer_Full	27.50	26.97	27.28	27.20
		Inner_Full	27.50	26.68	27.08	26.86
		Inner_1RB_Left	27.00	26.26	26.54	26.63
		Inner_1RB_Right	27.00	26.74	26.71	26.72
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.87	26.08	26.40
		Edge_1RB_Right	26.50	26.38	26.27	26.31
		Outer_Full	27.00	26.46	26.78	26.53
		Inner_Full	27.00	26.18	26.56	26.36
		Inner_1RB_Left	26.50	25.97	26.10	26.29
		Inner_1RB_Right	26.50	26.39	26.23	26.32
	CP-OFDM 256 QAM	Edge_1RB_Left	25.00	23.96	24.32	24.52
		Edge_1RB_Right	25.00	24.41	24.46	24.94
		Outer_Full	24.50	23.49	23.77	24.10
		Inner_Full	24.00	23.28	23.67	23.83
		Inner_1RB_Left	25.00	23.95	24.28	24.52
		Inner_1RB_Right	25.50	24.37	24.43	25.06

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		649667	656000	662334
				3745.0MHz	3840.0MHz	3935.0MHz
90MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	25.98	26.04	26.33
		Edge_1RB_Right	27.00	26.59	26.51	26.29
		Outer_Full	27.50	27.04	27.40	27.22
		Inner_Full	27.50	26.66	27.07	26.88
		Inner_1RB_Left	27.00	26.47	26.69	26.82
		Inner_1RB_Right	27.50	27.15	26.98	26.95
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.50	25.80	25.95	26.30
		Edge_1RB_Right	26.50	26.49	26.16	26.10
		Outer_Full	27.50	27.05	27.18	27.27
		Inner_Full	27.50	26.80	27.12	27.00
		Inner_1RB_Left	27.00	26.32	26.41	26.68
		Inner_1RB_Right	27.00	26.91	26.65	26.49
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.89	26.10	26.32
		Edge_1RB_Right	27.00	26.55	26.19	26.22
		Outer_Full	27.50	27.05	27.22	27.19
		Inner_Full	27.50	26.82	27.19	26.99
		Inner_1RB_Left	27.00	26.46	26.58	26.86
		Inner_1RB_Right	27.50	27.11	26.97	26.81
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	27.00	26.03	26.36	26.69
		Edge_1RB_Right	27.00	26.67	26.51	26.91
		Outer_Full	26.50	25.46	25.83	26.13
		Inner_Full	26.00	25.22	25.58	25.93
		Inner_1RB_Left	27.00	26.02	26.38	26.86
		Inner_1RB_Right	27.50	26.68	26.45	27.02
	CP-OFDM QPSK	Edge_1RB_Left	27.00	26.03	26.20	26.57
		Edge_1RB_Right	27.00	26.74	26.48	26.47
		Outer_Full	27.50	27.04	27.21	27.16
		Inner_Full	27.50	26.68	27.11	26.93
		Inner_1RB_Left	27.50	26.54	26.70	27.00
		Inner_1RB_Right	27.50	27.21	26.95	26.84
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.79	26.09	26.19
		Edge_1RB_Right	26.50	26.47	26.23	26.11
		Outer_Full	27.50	27.02	27.16	27.24
		Inner_Full	27.50	26.82	27.23	26.99
		Inner_1RB_Left	27.00	26.32	26.50	26.72
		Inner_1RB_Right	27.00	26.97	26.78	26.81
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.88	26.16	26.29
		Edge_1RB_Right	27.00	26.62	26.29	26.20
		Outer_Full	27.00	26.52	26.70	26.59
		Inner_Full	27.00	26.20	26.55	26.29
		Inner_1RB_Left	26.50	25.83	26.08	26.38
		Inner_1RB_Right	27.00	26.57	26.47	26.12
	CP-OFDM 256 QAM	Edge_1RB_Left	25.00	24.08	24.41	24.64
		Edge_1RB_Right	25.00	24.75	24.55	24.94
		Outer_Full	24.50	23.60	23.82	24.06
		Inner_Full	24.00	23.28	23.61	23.92
		Inner_1RB_Left	25.00	24.14	24.39	24.77
		Inner_1RB_Right	25.00	24.78	24.47	24.98

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		650000	656000	662000
				3750.0MHz	3840.0MHz	3930.0MHz
100MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.50	26.02	26.09	26.31
		Edge_1RB_Right	26.50	26.47	26.35	26.34
		Outer_Full	27.50	27.14	27.33	27.34
		Inner_Full	27.50	26.77	27.11	26.92
		Inner_1RB_Left	27.00	26.51	26.49	26.81
		Inner_1RB_Right	27.50	27.06	26.84	26.84
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.50	25.72	25.94	26.30
		Edge_1RB_Right	26.50	26.34	26.07	26.23
		Outer_Full	27.50	27.15	27.32	27.28
		Inner_Full	27.50	26.85	27.09	27.03
		Inner_1RB_Left	27.00	26.31	26.43	26.70
		Inner_1RB_Right	27.00	26.90	26.66	26.73
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.91	26.11	26.33
		Edge_1RB_Right	27.00	26.51	26.26	26.41
		Outer_Full	27.50	27.11	27.28	27.27
		Inner_Full	27.50	26.78	27.12	26.92
		Inner_1RB_Left	27.00	26.54	26.61	26.90
		Inner_1RB_Right	27.50	27.10	26.95	27.02
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	27.50	26.58	26.76	27.09
		Edge_1RB_Right	27.50	26.92	26.99	27.38
		Outer_Full	26.00	25.61	25.89	25.97
		Inner_Full	26.00	25.29	25.69	25.81
		Inner_1RB_Left	27.50	26.56	26.74	27.08
		Inner_1RB_Right	27.50	26.93	26.86	27.39
	CP-OFDM QPSK	Edge_1RB_Left	26.50	26.05	26.16	26.36
		Edge_1RB_Right	27.00	26.67	26.42	26.42
		Outer_Full	27.50	27.14	27.30	27.27
		Inner_Full	27.50	26.74	27.05	26.85
		Inner_1RB_Left	27.00	26.61	26.79	26.81
		Inner_1RB_Right	27.50	27.14	27.00	26.93
	CP-OFDM 16 QAM	Edge_1RB_Left	26.50	25.83	26.07	26.25
		Edge_1RB_Right	27.00	26.52	26.31	26.34
		Outer_Full	27.50	27.16	27.23	27.26
		Inner_Full	27.50	26.76	27.12	27.04
		Inner_1RB_Left	27.00	26.44	26.50	26.77
		Inner_1RB_Right	27.00	26.99	26.72	26.81
	CP-OFDM 64 QAM	Edge_1RB_Left	26.50	25.93	26.13	26.43
		Edge_1RB_Right	27.00	26.53	26.35	26.40
		Outer_Full	27.00	26.62	26.86	26.90
		Inner_Full	27.00	26.28	26.62	26.42
		Inner_1RB_Left	26.50	26.01	26.21	26.32
		Inner_1RB_Right	27.00	26.54	26.33	26.39
	CP-OFDM 256 QAM	Edge_1RB_Left	25.50	24.66	24.80	25.27
		Edge_1RB_Right	26.00	25.08	24.99	25.64
		Outer_Full	24.50	23.72	23.98	24.15
		Inner_Full	24.00	23.41	23.69	23.81
		Inner_1RB_Left	25.50	24.56	24.74	25.23
		Inner_1RB_Right	25.50	25.01	24.99	25.37

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647001	656000	665000
				3455.01MHz	3500.01MHz	3544.98MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	25.00	24.25	24.30	24.97
		Edge_1RB_Right	25.00	24.18	24.47	24.94
		Outer_Full	26.00	24.97	24.96	25.66
		Inner_Full	26.00	24.89	25.07	25.57
		Inner_1RB_Left	25.50	24.79	24.92	25.47
		Inner_1RB_Right	25.50	24.66	24.92	25.48
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	25.00	24.12	24.15	24.84
		Edge_1RB_Right	25.00	24.10	24.27	24.82
		Outer_Full	26.00	24.87	25.06	25.62
		Inner_Full	26.00	24.81	24.94	25.59
		Inner_1RB_Left	25.50	24.69	24.73	25.34
		Inner_1RB_Right	25.50	24.60	24.86	25.39
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.34	24.32	24.93
		Edge_1RB_Right	25.50	24.24	24.39	25.07
		Outer_Full	26.00	24.89	24.99	25.66
		Inner_Full	26.00	24.93	25.04	25.53
		Inner_1RB_Left	26.00	24.88	24.93	25.51
		Inner_1RB_Right	26.00	24.79	24.97	25.63
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	24.50	23.47	23.50	24.16
		Edge_1RB_Right	24.50	23.41	23.67	24.26
		Outer_Full	24.50	23.40	23.45	24.10
		Inner_Full	24.50	23.43	23.57	24.17
		Inner_1RB_Left	24.00	23.33	23.55	23.96
		Inner_1RB_Right	24.50	23.35	23.50	24.18
	CP-OFDM QPSK	Edge_1RB_Left	25.50	24.50	24.40	25.07
		Edge_1RB_Right	25.50	24.41	24.50	25.12
		Outer_Full	26.00	24.85	24.92	25.64
		Inner_Full	26.00	24.85	25.01	25.63
		Inner_1RB_Left	26.00	24.90	24.91	25.51
		Inner_1RB_Right	26.00	24.83	24.96	25.55
	CP-OFDM 16 QAM	Edge_1RB_Left	25.00	24.24	24.34	24.92
		Edge_1RB_Right	25.50	24.18	24.39	25.04
		Outer_Full	26.00	24.82	24.98	25.54
		Inner_Full	26.00	24.81	24.94	25.56
		Inner_1RB_Left	25.50	24.74	24.79	25.40
		Inner_1RB_Right	26.00	24.63	24.81	25.55
	CP-OFDM 64 QAM	Edge_1RB_Left	25.50	24.31	24.37	25.00
		Edge_1RB_Right	25.50	24.32	24.47	25.06
		Outer_Full	25.50	24.37	24.42	25.06
		Inner_Full	25.50	24.33	24.50	25.04
		Inner_1RB_Left	25.00	24.36	24.40	24.95
		Inner_1RB_Right	25.50	24.26	24.45	25.07
	CP-OFDM 256 QAM	Edge_1RB_Left	22.50	21.39	21.49	22.18
		Edge_1RB_Right	22.50	21.45	21.70	22.33
		Outer_Full	22.50	21.42	21.43	22.16
		Inner_Full	22.50	21.45	21.64	22.36
		Inner_1RB_Left	22.50	21.47	21.61	22.21
		Inner_1RB_Right	22.50	21.41	21.66	22.25

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		630668	633334	636000
				3460.02MHz	3500.01MHz	3540MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	25.00	24.30	24.09	24.55
		Edge_1RB_Right	25.00	23.96	24.21	24.71
		Outer_Full	25.50	24.83	24.70	25.23
		Inner_Full	25.50	24.78	24.77	25.27
		Inner_1RB_Left	25.50	24.64	24.48	25.07
		Inner_1RB_Right	25.50	24.50	24.79	25.13
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.01	24.04	24.35
		Edge_1RB_Right	25.00	23.99	24.10	24.56
		Outer_Full	25.50	24.78	24.81	25.26
		Inner_Full	25.50	24.87	24.68	25.31
		Inner_1RB_Left	25.00	24.62	24.41	24.89
		Inner_1RB_Right	25.50	24.50	24.59	25.29
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.27	24.11	24.61
		Edge_1RB_Right	25.00	24.25	24.21	24.82
		Outer_Full	25.50	24.72	24.72	25.31
		Inner_Full	25.50	24.77	24.70	25.24
		Inner_1RB_Left	25.50	24.78	24.58	25.11
		Inner_1RB_Right	25.50	24.67	24.78	25.31
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	24.00	23.34	23.16	23.65
		Edge_1RB_Right	24.00	23.34	23.39	23.86
		Outer_Full	24.00	23.27	23.23	23.83
		Inner_Full	24.00	23.38	23.28	23.82
		Inner_1RB_Left	24.00	23.37	23.13	23.60
		Inner_1RB_Right	24.00	23.20	23.36	23.81
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.27	24.14	24.65
		Edge_1RB_Right	25.00	24.18	24.40	24.80
		Outer_Full	25.50	24.67	24.65	25.12
		Inner_Full	25.50	24.76	24.84	25.35
		Inner_1RB_Left	25.50	24.75	24.63	25.12
		Inner_1RB_Right	25.50	24.57	24.81	25.20
	CP-OFDM 16 QAM	Edge_1RB_Left	24.50	24.20	24.02	24.38
		Edge_1RB_Right	25.00	24.23	24.15	24.67
		Outer_Full	25.50	24.82	24.67	25.15
		Inner_Full	25.50	24.75	24.77	25.23
		Inner_1RB_Left	25.00	24.79	24.50	24.96
		Inner_1RB_Right	25.50	24.78	24.66	25.21
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.17	24.10	24.65
		Edge_1RB_Right	25.00	24.19	24.29	24.82
		Outer_Full	25.00	24.18	24.23	24.75
		Inner_Full	25.00	24.29	24.28	24.74
		Inner_1RB_Left	25.00	24.25	24.14	24.56
		Inner_1RB_Right	25.00	24.11	24.24	24.89
	CP-OFDM 256 QAM	Edge_1RB_Left	22.00	21.35	21.18	21.69
		Edge_1RB_Right	22.00	21.25	21.45	21.94
		Outer_Full	22.00	21.31	21.18	21.72
		Inner_Full	22.00	21.39	21.27	21.81
		Inner_1RB_Left	22.00	21.46	21.19	21.71
		Inner_1RB_Right	22.00	21.27	21.38	21.92

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		631334	633334	635332
				3470.01MHz	3500.01MHz	3529.98MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	24.50	24.32	24.12	24.48
		Edge_1RB_Right	25.00	24.15	24.51	24.81
		Outer_Full	26.00	24.97	25.14	25.54
		Inner_Full	25.50	24.80	24.96	25.35
		Inner_1RB_Left	25.00	24.77	24.64	24.92
		Inner_1RB_Right	25.50	24.48	25.01	25.40
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.24	23.92	24.32
		Edge_1RB_Right	25.00	24.12	24.32	24.74
		Outer_Full	25.50	24.94	25.11	25.48
		Inner_Full	25.50	24.80	24.85	25.38
		Inner_1RB_Left	25.00	24.74	24.47	24.74
		Inner_1RB_Right	25.50	24.48	24.81	25.27
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	24.50	24.42	24.20	24.49
		Edge_1RB_Right	25.00	24.16	24.53	24.95
		Outer_Full	26.00	25.08	25.07	25.56
		Inner_Full	25.50	24.80	24.95	25.39
		Inner_1RB_Left	25.50	24.96	24.81	25.07
		Inner_1RB_Right	26.00	24.71	25.08	25.62
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	24.50	24.25	23.97	24.38
		Edge_1RB_Right	25.00	23.93	24.31	24.77
		Outer_Full	24.00	23.50	23.59	23.95
		Inner_Full	24.00	23.27	23.42	23.78
		Inner_1RB_Left	24.50	24.14	23.99	24.39
		Inner_1RB_Right	25.00	23.88	24.32	24.81
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.43	24.32	24.61
		Edge_1RB_Right	25.00	24.20	24.74	24.94
		Outer_Full	26.00	24.95	25.14	25.59
		Inner_Full	25.50	24.68	24.98	25.42
		Inner_1RB_Left	25.50	24.86	24.71	25.18
		Inner_1RB_Right	25.50	24.78	25.17	25.45
	CP-OFDM 16 QAM	Edge_1RB_Left	24.50	24.15	24.14	24.31
		Edge_1RB_Right	25.00	24.01	24.44	24.85
		Outer_Full	26.00	24.93	25.17	25.61
		Inner_Full	25.50	24.78	24.99	25.39
		Inner_1RB_Left	25.00	24.73	24.58	24.93
		Inner_1RB_Right	25.50	24.57	24.98	25.49
	CP-OFDM 64 QAM	Edge_1RB_Left	24.50	24.35	24.31	24.41
		Edge_1RB_Right	25.00	24.15	24.67	24.93
		Outer_Full	25.50	24.54	24.68	25.17
		Inner_Full	25.00	24.31	24.45	24.94
		Inner_1RB_Left	25.00	24.37	24.24	24.51
		Inner_1RB_Right	25.00	24.24	24.67	24.89
	CP-OFDM 256 QAM	Edge_1RB_Left	22.50	22.40	22.10	22.40
		Edge_1RB_Right	23.00	22.09	22.43	22.75
		Outer_Full	22.50	21.56	21.72	22.12
		Inner_Full	22.00	21.43	21.70	21.97
		Inner_1RB_Left	22.50	22.22	22.01	22.39
		Inner 1RB Right	23.00	21.96	22.26	22.76

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		631668	633334	635000
				3475.02MHz	3500.01MHz	3525MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	25.00	24.57	24.41	24.59
		Edge_1RB_Right	25.00	24.53	24.97	24.84
		Outer_Full	25.50	25.12	25.30	25.33
		Inner_Full	25.50	24.97	25.25	25.36
		Inner_1RB_Left	25.50	25.08	24.92	25.17
		Inner_1RB_Right	26.00	25.09	25.40	25.52
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.46	24.39	24.44
		Edge_1RB_Right	25.00	24.52	24.73	24.90
		Outer_Full	25.50	24.98	25.26	25.44
		Inner_Full	25.50	24.98	25.15	25.31
		Inner_1RB_Left	25.00	24.93	24.89	24.91
		Inner_1RB_Right	25.50	24.90	25.22	25.40
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.62	24.58	24.66
		Edge_1RB_Right	25.50	24.66	24.97	25.13
		Outer_Full	25.50	25.06	25.20	25.41
		Inner_Full	25.50	24.93	25.15	25.36
		Inner_1RB_Left	25.50	25.10	24.96	25.03
		Inner_1RB_Right	26.00	25.19	25.35	25.56
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	24.00	23.70	23.60	23.81
		Edge_1RB_Right	24.50	23.89	24.08	24.47
		Outer_Full	24.00	23.67	23.85	23.95
		Inner_Full	24.00	23.49	23.67	23.85
		Inner_1RB_Left	24.00	23.86	23.62	23.73
		Inner_1RB_Right	24.50	23.93	24.19	24.44
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.55	24.49	24.81
		Edge_1RB_Right	25.50	24.73	24.91	25.00
		Outer_Full	25.50	25.05	25.24	25.36
		Inner_Full	25.50	24.96	25.18	25.32
		Inner_1RB_Left	25.50	25.09	24.95	25.28
		Inner_1RB_Right	26.00	25.16	25.55	25.53
	CP-OFDM 16 QAM	Edge_1RB_Left	25.00	24.44	24.46	24.56
		Edge_1RB_Right	25.00	24.53	24.66	24.99
		Outer_Full	25.50	25.05	25.36	25.39
		Inner_Full	25.50	25.03	25.21	25.29
		Inner_1RB_Left	25.50	25.08	24.93	24.97
		Inner_1RB_Right	26.00	25.10	25.38	25.53
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.63	24.54	24.61
		Edge_1RB_Right	25.50	24.63	24.85	25.06
		Outer_Full	25.00	24.62	24.74	24.86
		Inner_Full	25.00	24.48	24.65	24.79
		Inner_1RB_Left	25.00	24.59	24.48	24.60
		Inner_1RB_Right	25.50	24.62	24.87	25.03
	CP-OFDM 256 QAM	Edge_1RB_Left	22.00	21.81	21.63	21.79
		Edge_1RB_Right	22.50	21.86	22.13	22.44
		Outer_Full	22.00	21.52	21.81	21.95
		Inner_Full	22.00	21.45	21.69	21.90
		Inner_1RB_Left	22.00	21.91	21.76	21.88
		Inner_1RB_Right	22.50	21.84	22.19	22.42

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		632000	633334	634666
				3480MHz	3500.01MHz	3519.99MHz
60MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	24.50	24.48	24.47	24.41
		Edge_1RB_Right	25.50	24.56	24.89	25.09
		Outer_Full	26.00	25.21	25.32	25.61
		Inner_Full	26.00	25.07	25.24	25.54
		Inner_1RB_Left	25.50	25.01	24.77	25.03
		Inner_1RB_Right	25.50	25.09	25.33	25.49
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.34	24.31	24.39
		Edge_1RB_Right	25.00	24.44	24.66	24.96
		Outer_Full	26.00	25.20	25.32	25.57
		Inner_Full	25.50	25.12	25.17	25.45
		Inner_1RB_Left	25.00	24.92	24.83	24.83
		Inner_1RB_Right	26.00	25.00	25.14	25.55
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.57	24.40	24.43
		Edge_1RB_Right	25.50	24.59	24.93	25.05
		Outer_Full	26.00	25.20	25.30	25.61
		Inner_Full	25.50	25.10	25.20	25.48
		Inner_1RB_Left	25.50	25.17	25.01	25.06
		Inner_1RB_Right	26.00	25.16	25.39	25.65
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	24.00	23.64	23.55	23.62
		Edge_1RB_Right	24.50	23.84	24.19	24.39
		Outer_Full	24.50	23.78	23.78	24.02
		Inner_Full	24.00	23.56	23.74	23.98
		Inner_1RB_Left	24.00	23.79	23.65	23.58
		Inner_1RB_Right	24.50	23.94	24.20	24.41
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.62	24.58	24.58
		Edge_1RB_Right	25.50	24.69	24.96	25.19
		Outer_Full	26.00	25.17	25.28	25.50
		Inner_Full	26.00	25.08	25.22	25.53
		Inner_1RB_Left	25.50	25.14	25.01	25.10
		Inner_1RB_Right	26.00	25.27	25.66	25.69
	CP-OFDM 16 QAM	Edge_1RB_Left	24.50	24.45	24.37	24.36
		Edge_1RB_Right	25.00	24.50	24.71	24.99
		Outer_Full	26.00	25.21	25.36	25.56
		Inner_Full	25.50	25.14	25.17	25.33
		Inner_1RB_Left	25.00	24.97	24.86	24.94
		Inner_1RB_Right	25.50	25.15	25.30	25.46
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.66	24.52	24.44
		Edge_1RB_Right	25.50	24.59	24.80	25.04
		Outer_Full	25.50	24.77	24.80	25.06
		Inner_Full	25.00	24.57	24.70	24.98
		Inner_1RB_Left	25.00	24.72	24.50	24.50
		Inner_1RB_Right	25.50	24.61	24.79	25.10
	CP-OFDM 256 QAM	Edge_1RB_Left	22.00	21.69	21.56	21.68
		Edge_1RB_Right	23.00	22.11	22.32	22.59
		Outer_Full	22.50	21.73	21.81	22.06
		Inner_Full	22.00	21.60	21.74	21.95
		Inner_1RB_Left	22.00	21.77	21.65	21.62
		Inner_1RB_Right	23.00	21.97	22.27	22.52

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		649334	656000	662667
				3485.01MHz	3500.01MHz	3514.98MHz
70MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	25.00	24.61	24.38	24.33
		Edge_1RB_Right	25.00	24.73	24.82	24.91
		Outer_Full	26.00	25.26	25.36	25.70
		Inner_Full	25.50	25.08	25.16	25.47
		Inner_1RB_Left	25.00	24.98	24.81	24.81
		Inner_1RB_Right	25.50	25.24	25.25	25.37
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.44	24.23	24.25
		Edge_1RB_Right	25.00	24.66	24.78	24.82
		Outer_Full	26.00	25.27	25.37	25.57
		Inner_Full	25.50	25.03	25.13	25.30
		Inner_1RB_Left	25.00	24.87	24.74	24.84
		Inner_1RB_Right	25.50	25.06	25.20	25.27
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.54	24.44	24.52
		Edge_1RB_Right	25.50	24.74	24.94	25.01
		Outer_Full	26.00	25.30	25.32	25.63
		Inner_Full	25.50	25.03	25.14	25.48
		Inner_1RB_Left	25.50	25.08	24.99	25.00
		Inner_1RB_Right	26.00	25.42	25.40	25.66
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	24.50	24.43	24.18	24.11
		Edge_1RB_Right	25.00	24.48	24.68	24.85
		Outer_Full	24.50	23.79	23.93	24.01
		Inner_Full	24.00	23.60	23.67	23.84
		Inner_1RB_Left	24.50	24.31	24.16	24.14
		Inner_1RB_Right	25.00	24.44	24.74	24.82
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.57	24.53	24.44
		Edge_1RB_Right	25.50	24.89	25.02	25.02
		Outer_Full	26.00	25.23	25.40	25.60
		Inner_Full	25.50	25.02	25.21	25.49
		Inner_1RB_Left	25.50	25.12	25.01	24.97
		Inner_1RB_Right	26.00	25.42	25.41	25.50
	CP-OFDM 16 QAM	Edge_1RB_Left	24.50	24.47	24.24	24.28
		Edge_1RB_Right	25.00	24.61	24.72	24.86
		Outer_Full	26.00	25.29	25.37	25.61
		Inner_Full	25.50	25.03	25.16	25.39
		Inner_1RB_Left	25.00	24.96	24.87	24.90
		Inner_1RB_Right	26.00	25.12	25.33	25.56
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.53	24.50	24.42
		Edge_1RB_Right	25.00	24.70	24.86	24.98
		Outer_Full	25.50	24.78	24.90	25.00
		Inner_Full	25.00	24.58	24.65	24.86
		Inner_1RB_Left	24.50	24.48	24.41	24.44
		Inner_1RB_Right	25.00	24.83	24.88	24.99
	CP-OFDM 256 QAM	Edge_1RB_Left	22.50	22.34	22.13	22.37
		Edge_1RB_Right	23.00	22.58	22.71	22.87
		Outer_Full	22.50	21.80	21.89	22.08
		Inner_Full	22.50	21.50	21.66	22.03
		Inner_1RB_Left	22.50	22.32	22.28	22.28
		Inner_1RB_Right	23.00	22.66	22.80	22.94

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		632668	633334	634000
				3490.02MHz	3500.01MHz	3510.0MHz
80MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	25.00	24.54	24.41	24.26
		Edge_1RB_Right	25.00	24.82	24.82	24.86
		Outer_Full	26.00	25.40	25.43	25.57
		Inner_Full	25.50	25.10	25.17	25.36
		Inner_1RB_Left	25.00	24.94	24.77	24.82
		Inner_1RB_Right	25.50	25.36	25.29	25.42
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	25.00	24.66	24.29	24.26
		Edge_1RB_Right	25.00	24.92	24.70	24.90
		Outer_Full	26.00	25.39	25.49	25.53
		Inner_Full	25.50	25.11	25.14	25.25
		Inner_1RB_Left	25.50	25.06	24.70	24.71
		Inner_1RB_Right	25.50	25.37	25.24	25.41
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.57	24.56	24.49
		Edge_1RB_Right	25.50	25.09	25.12	25.06
		Outer_Full	26.00	25.46	25.36	25.51
		Inner_Full	25.50	25.11	25.07	25.32
		Inner_1RB_Left	25.50	25.02	25.01	25.08
		Inner_1RB_Right	26.00	25.26	25.46	25.63
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.00	24.52	24.35	24.35
		Edge_1RB_Right	25.50	24.81	24.95	25.05
		Outer_Full	24.50	23.93	24.00	24.06
		Inner_Full	24.00	23.56	23.69	23.80
		Inner_1RB_Left	24.50	24.47	24.45	24.31
		Inner_1RB_Right	25.50	24.83	24.97	25.13
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.59	24.42	24.49
		Edge_1RB_Right	25.50	24.98	24.90	25.02
		Outer_Full	26.00	25.42	25.42	25.61
		Inner_Full	25.50	25.17	25.17	25.36
		Inner_1RB_Left	25.50	25.11	25.01	25.03
		Inner_1RB_Right	26.00	25.48	25.52	25.71
	CP-OFDM 16 QAM	Edge_1RB_Left	24.50	24.40	24.29	24.20
		Edge_1RB_Right	25.00	24.69	24.67	24.80
		Outer_Full	26.00	25.42	25.45	25.59
		Inner_Full	25.50	25.08	25.12	25.33
		Inner_1RB_Left	25.00	24.96	24.84	24.98
		Inner_1RB_Right	25.50	25.27	25.30	25.42
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.55	24.49	24.48
		Edge_1RB_Right	25.50	24.83	24.82	25.03
		Outer_Full	25.50	24.90	24.92	25.08
		Inner_Full	25.00	24.58	24.60	24.72
		Inner_1RB_Left	25.00	24.58	24.47	24.55
		Inner_1RB_Right	25.50	24.93	24.98	25.00
	CP-OFDM 256 QAM	Edge_1RB_Left	22.50	22.48	22.45	22.47
		Edge_1RB_Right	23.50	22.95	23.10	23.15
		Outer_Full	22.50	21.95	21.97	22.20
		Inner_Full	22.00	21.71	21.78	21.86
		Inner_1RB_Left	23.00	22.67	22.40	22.58
		Inner 1RB Right	23.50	22.94	23.08	23.18

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		633000	633334	633666
				3495MHz	3500.01MHz	3504.99MHz
90MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	24.50	24.44	24.41	24.37
		Edge_1RB_Right	25.00	24.96	24.94	24.99
		Outer_Full	26.00	25.54	25.50	25.68
		Inner_Full	25.50	25.08	25.18	25.32
		Inner_1RB_Left	25.00	24.93	24.99	24.89
		Inner_1RB_Right	26.00	25.51	25.38	25.42
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.30	24.34	24.26
		Edge_1RB_Right	25.00	24.87	24.86	24.90
		Outer_Full	26.00	25.51	25.64	25.66
		Inner_Full	25.50	25.15	25.29	25.39
		Inner_1RB_Left	25.00	24.86	24.79	24.88
		Inner_1RB_Right	25.50	25.31	25.38	25.31
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.58	24.52	24.49
		Edge_1RB_Right	25.50	25.03	25.01	25.04
		Outer_Full	26.00	25.52	25.52	25.66
		Inner_Full	25.50	25.08	25.22	25.32
		Inner_1RB_Left	25.50	25.12	24.99	25.06
		Inner_1RB_Right	26.00	25.64	25.56	25.67
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.00	24.70	24.60	24.58
		Edge_1RB_Right	25.50	25.23	25.28	25.28
		Outer_Full	24.50	24.04	24.00	24.16
		Inner_Full	24.00	23.65	23.75	23.85
		Inner_1RB_Left	25.00	24.61	24.60	24.48
		Inner_1RB_Right	25.50	25.21	25.15	25.19
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.57	24.56	24.57
		Edge_1RB_Right	25.50	25.06	25.07	25.07
		Outer_Full	26.00	25.41	25.58	25.60
		Inner_Full	25.50	25.08	25.21	25.37
		Inner_1RB_Left	25.50	25.10	25.25	24.97
		Inner_1RB_Right	26.00	25.56	25.51	25.57
	CP-OFDM 16 QAM	Edge_1RB_Left	24.50	24.37	24.26	24.26
		Edge_1RB_Right	25.00	24.85	24.79	24.96
		Outer_Full	26.00	25.44	25.53	25.72
		Inner_Full	25.50	25.15	25.20	25.29
		Inner_1RB_Left	25.50	24.93	24.83	25.02
		Inner_1RB_Right	26.00	25.60	25.36	25.43
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.52	24.57	24.45
		Edge_1RB_Right	25.50	25.13	24.97	25.05
		Outer_Full	25.50	24.91	24.99	25.05
		Inner_Full	25.00	24.51	24.68	24.74
		Inner_1RB_Left	25.00	24.56	24.45	24.49
		Inner_1RB_Right	25.50	25.07	24.95	25.01
	CP-OFDM 256 QAM	Edge_1RB_Left	23.00	22.74	22.64	22.74
		Edge_1RB_Right	23.50	23.42	23.27	23.26
		Outer_Full	22.50	22.10	22.02	22.21
		Inner_Full	22.00	21.62	21.79	21.79
		Inner_1RB_Left	23.00	22.72	22.65	22.77
		Inner_1RB_Right	23.50	23.36	23.20	23.25

30K_N77d			Maximum Tune-up(dBm)	Conducted Power(dBm)	
Bandwidth	Modulation	RB allocation		633334	
				3500.01MHz	
100MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	24.50	24.43	
		Edge_1RB_Right	25.00	24.97	
		Outer_Full	26.00	25.69	
		Inner_Full	25.50	25.25	
		Inner_1RB_Left	25.00	24.99	
		Inner_1RB_Right	26.00	25.54	
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	24.50	24.41	
		Edge_1RB_Right	25.00	24.96	
		Outer_Full	26.00	25.61	
		Inner_Full	25.50	25.24	
		Inner_1RB_Left	25.00	24.94	
		Inner_1RB_Right	25.50	25.49	
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	25.00	24.60	
		Edge_1RB_Right	25.50	25.18	
		Outer_Full	26.00	25.67	
		Inner_Full	25.50	25.17	
		Inner_1RB_Left	25.50	25.05	
		Inner_1RB_Right	26.00	25.66	
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.50	25.07	
		Edge_1RB_Right	26.00	25.56	
		Outer_Full	24.50	24.16	
		Inner_Full	24.00	23.74	
		Inner_1RB_Left	25.50	25.07	
		Inner_1RB_Right	26.00	25.54	
	CP-OFDM QPSK	Edge_1RB_Left	25.00	24.54	
		Edge_1RB_Right	25.50	25.12	
		Outer_Full	26.00	25.68	
		Inner_Full	25.50	25.22	
		Inner_1RB_Left	25.50	25.12	
		Inner_1RB_Right	26.00	25.71	
	CP-OFDM 16 QAM	Edge_1RB_Left	25.00	24.60	
		Edge_1RB_Right	25.00	24.98	
		Outer_Full	26.00	25.73	
		Inner_Full	25.50	25.17	
		Inner_1RB_Left	25.00	24.95	
		Inner_1RB_Right	25.50	25.46	
	CP-OFDM 64 QAM	Edge_1RB_Left	25.00	24.65	
		Edge_1RB_Right	25.50	25.26	
		Outer_Full	25.50	25.13	
		Inner_Full	25.00	24.67	
		Inner_1RB_Left	25.00	24.58	
		Inner_1RB_Right	25.50	25.14	
	CP-OFDM 256 QAM	Edge_1RB_Left	23.50	23.24	
		Edge_1RB_Right	24.00	23.67	
		Outer_Full	22.50	22.15	
		Inner_Full	22.00	21.82	
		Inner_1RB_Left	23.50	23.10	
		Inner_1RB_Right	24.00	23.62	

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647000	650000	653000
				3705MHz	3750MHz	3795MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.60	25.70	25.92
		Edge_1RB_Right	26.00	25.65	25.66	25.99
		Outer_Full	27.00	26.09	26.34	26.52
		Inner_Full	27.00	26.20	26.28	26.53
		Inner_1RB_Left	26.50	26.16	26.17	26.45
		Inner_1RB_Right	27.00	26.18	26.19	26.54
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.46	25.59	25.74
		Edge_1RB_Right	26.00	25.50	25.59	25.85
		Outer_Full	27.00	26.22	26.25	26.72
		Inner_Full	26.50	26.05	26.34	26.46
		Inner_1RB_Left	26.50	25.91	26.12	26.32
		Inner_1RB_Right	26.50	25.94	26.13	26.37
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.54	25.74	25.96
		Edge_1RB_Right	26.50	25.60	25.78	26.00
		Outer_Full	27.00	26.12	26.36	26.53
		Inner_Full	27.00	26.09	26.33	26.53
		Inner_1RB_Left	26.50	26.10	26.27	26.39
		Inner_1RB_Right	27.00	26.11	26.32	26.51
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.00	24.63	24.81	24.98
		Edge_1RB_Right	25.50	24.78	24.91	25.16
		Outer_Full	25.50	24.59	24.83	25.01
		Inner_Full	25.50	24.66	24.90	25.06
		Inner_1RB_Left	25.00	24.56	24.78	24.95
		Inner_1RB_Right	25.50	24.68	24.89	25.12
	CP-OFDM QPSK	Edge_1RB_Left	26.50	25.66	25.77	26.00
		Edge_1RB_Right	26.50	25.75	25.77	26.13
		Outer_Full	27.00	26.04	26.31	26.55
		Inner_Full	27.00	26.29	26.23	26.52
		Inner_1RB_Left	26.50	26.18	26.18	26.47
		Inner_1RB_Right	27.00	26.19	26.16	26.56
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.52	25.58	25.75
		Edge_1RB_Right	26.00	25.65	25.63	25.83
		Outer_Full	27.00	26.21	26.24	26.65
		Inner_Full	26.50	26.03	26.27	26.47
		Inner_1RB_Left	26.50	25.93	26.16	26.31
		Inner_1RB_Right	26.50	25.98	26.22	26.45
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.47	25.73	25.83
		Edge_1RB_Right	26.00	25.50	25.72	25.98
		Outer_Full	26.50	25.59	25.82	26.02
		Inner_Full	26.50	25.59	25.81	26.01
		Inner_1RB_Left	26.00	25.54	25.69	25.90
		Inner_1RB_Right	26.50	25.51	25.75	26.01
	CP-OFDM 256 QAM	Edge_1RB_Left	23.50	22.73	22.93	23.12
		Edge_1RB_Right	23.50	22.83	23.05	23.24
		Outer_Full	23.50	22.62	22.88	23.03
		Inner_Full	23.50	22.78	22.98	23.13
		Inner_1RB_Left	23.50	22.70	22.85	23.05
		Inner_1RB_Right	23.50	22.85	22.98	23.19

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647334	650000	652666
				3710.01MHz	3750MHz	3789.99MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.50	25.47	25.78
		Edge_1RB_Right	26.00	25.49	25.54	25.90
		Outer_Full	26.50	25.97	26.13	26.43
		Inner_Full	26.50	26.11	26.13	26.44
		Inner_1RB_Left	26.50	26.06	25.94	26.26
		Inner_1RB_Right	26.50	26.01	26.02	26.45
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.30	25.37	25.64
		Edge_1RB_Right	26.00	25.36	25.46	25.78
		Outer_Full	26.50	26.01	26.08	26.47
		Inner_Full	26.50	25.98	26.23	26.45
		Inner_1RB_Left	26.50	25.82	25.92	26.12
		Inner_1RB_Right	26.50	25.82	26.04	26.30
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.45	25.51	25.76
		Edge_1RB_Right	26.00	25.50	25.66	25.91
		Outer_Full	26.50	25.98	26.17	26.39
		Inner_Full	26.50	25.96	26.18	26.41
		Inner_1RB_Left	26.50	26.01	26.08	26.32
		Inner_1RB_Right	26.50	26.08	26.24	26.44
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.00	24.56	24.58	24.84
		Edge_1RB_Right	25.50	24.59	24.69	25.00
		Outer_Full	25.00	24.51	24.65	24.97
		Inner_Full	25.00	24.54	24.75	24.96
		Inner_1RB_Left	25.00	24.52	24.53	24.86
		Inner_1RB_Right	25.00	24.58	24.71	24.92
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.68	25.59	25.86
		Edge_1RB_Right	26.50	25.61	25.64	26.08
		Outer_Full	26.50	25.98	26.10	26.42
		Inner_Full	26.50	26.12	26.10	26.45
		Inner_1RB_Left	26.50	26.12	26.02	26.29
		Inner_1RB_Right	27.00	26.13	26.14	26.54
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.28	25.35	25.64
		Edge_1RB_Right	26.00	25.36	25.58	25.81
		Outer_Full	26.50	26.06	26.03	26.40
		Inner_Full	26.50	25.96	26.12	26.41
		Inner_1RB_Left	26.50	25.87	25.95	26.17
		Inner_1RB_Right	26.50	25.88	26.10	26.31
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.47	25.52	25.77
		Edge_1RB_Right	26.00	25.60	25.65	25.88
		Outer_Full	26.00	25.46	25.63	25.87
		Inner_Full	26.00	25.44	25.66	25.87
		Inner_1RB_Left	26.00	25.46	25.57	25.81
		Inner_1RB_Right	26.00	25.62	25.64	25.92
	CP-OFDM 256 QAM	Edge_1RB_Left	23.00	22.61	22.68	22.91
		Edge_1RB_Right	23.50	22.64	22.83	23.03
		Outer_Full	23.00	22.49	22.68	22.93
		Inner_Full	23.50	22.63	22.80	23.01
		Inner_1RB_Left	23.00	22.53	22.69	22.93
		Inner_1RB_Right	23.50	22.64	22.80	23.00

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648000	650000	652000
				3720MHz	3750MHz	3780MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.55	25.49	25.64
		Edge_1RB_Right	26.50	25.57	25.67	26.01
		Outer_Full	27.00	26.36	26.49	26.72
		Inner_Full	27.00	26.29	26.29	26.54
		Inner_1RB_Left	26.50	26.06	25.98	26.20
		Inner_1RB_Right	27.00	26.05	26.22	26.51
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.35	25.41	25.60
		Edge_1RB_Right	26.00	25.57	25.64	25.91
		Outer_Full	27.00	26.42	26.40	26.73
		Inner_Full	27.00	26.18	26.33	26.51
		Inner_1RB_Left	26.50	25.85	25.93	26.13
		Inner_1RB_Right	26.50	26.04	26.10	26.37
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.54	25.54	25.70
		Edge_1RB_Right	26.00	25.68	25.75	25.99
		Outer_Full	27.00	26.42	26.52	26.79
		Inner_Full	27.00	26.18	26.30	26.50
		Inner_1RB_Left	26.50	26.10	26.06	26.29
		Inner_1RB_Right	27.00	26.27	26.33	26.53
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.00	25.37	25.41	25.59
		Edge_1RB_Right	26.00	25.43	25.54	25.82
		Outer_Full	25.50	24.96	24.99	25.26
		Inner_Full	25.50	24.73	24.82	25.02
		Inner_1RB_Left	26.00	25.34	25.36	25.57
		Inner_1RB_Right	26.00	25.41	25.52	25.76
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.62	25.55	25.72
		Edge_1RB_Right	26.50	25.65	25.77	26.10
		Outer_Full	27.00	26.41	26.50	26.69
		Inner_Full	26.50	26.29	26.28	26.49
		Inner_1RB_Left	26.50	26.12	26.09	26.23
		Inner_1RB_Right	27.00	26.24	26.33	26.61
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.42	25.46	25.57
		Edge_1RB_Right	26.00	25.53	25.60	25.90
		Outer_Full	27.00	26.40	26.41	26.72
		Inner_Full	27.00	26.15	26.35	26.53
		Inner_1RB_Left	26.50	25.89	25.94	26.10
		Inner_1RB_Right	26.50	26.05	26.18	26.34
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.54	25.49	25.72
		Edge_1RB_Right	26.50	25.65	25.66	26.01
		Outer_Full	26.50	25.92	26.06	26.25
		Inner_Full	26.00	25.73	25.81	25.99
		Inner_1RB_Left	26.00	25.56	25.53	25.74
		Inner_1RB_Right	26.50	25.74	25.81	26.05
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	23.38	23.43	23.60
		Edge_1RB_Right	24.00	23.43	23.63	23.79
		Outer_Full	23.50	22.95	23.05	23.25
		Inner_Full	23.50	22.76	22.92	23.07
		Inner_1RB_Left	24.00	23.40	23.50	23.63
		Inner_1RB_Right	24.00	23.45	23.60	23.83

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648334	650000	651666
				3725.01MHz	3750MHz	3774.99MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.63	25.60	25.80
		Edge_1RB_Right	26.50	25.84	26.03	26.17
		Outer_Full	27.00	26.34	26.49	26.74
		Inner_Full	27.00	26.27	26.38	26.72
		Inner_1RB_Left	26.50	26.15	26.15	26.31
		Inner_1RB_Right	27.00	26.38	26.46	26.67
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.46	25.67	25.73
		Edge_1RB_Right	26.50	25.75	26.08	25.98
		Outer_Full	27.00	26.39	26.42	26.70
		Inner_Full	27.00	26.23	26.41	26.66
		Inner_1RB_Left	26.50	25.87	26.18	26.28
		Inner_1RB_Right	27.00	26.31	26.60	26.49
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.50	25.63	25.79	26.00
		Edge_1RB_Right	26.50	25.98	26.18	26.15
		Outer_Full	27.00	26.32	26.43	26.69
		Inner_Full	27.00	26.32	26.45	26.71
		Inner_1RB_Left	27.00	26.13	26.10	26.56
		Inner_1RB_Right	27.00	26.51	26.46	26.69
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.50	24.87	24.91	25.19
		Edge_1RB_Right	25.50	25.25	25.27	25.40
		Outer_Full	25.50	24.92	25.00	25.31
		Inner_Full	25.50	24.84	24.94	25.21
		Inner_1RB_Left	25.50	24.84	24.88	25.16
		Inner_1RB_Right	25.50	25.25	25.33	25.40
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.68	25.69	25.90
		Edge_1RB_Right	26.50	25.89	26.09	26.24
		Outer_Full	27.00	26.36	26.45	26.67
		Inner_Full	27.00	26.24	26.35	26.71
		Inner_1RB_Left	26.50	26.26	26.20	26.42
		Inner_1RB_Right	27.00	26.51	26.56	26.72
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.45	25.55	25.76
		Edge_1RB_Right	26.00	25.79	25.93	25.98
		Outer_Full	27.00	26.43	26.37	26.68
		Inner_Full	27.00	26.30	26.43	26.62
		Inner_1RB_Left	26.50	26.02	26.05	26.36
		Inner_1RB_Right	27.00	26.39	26.48	26.54
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.60	25.61	25.92
		Edge_1RB_Right	26.50	25.90	26.04	26.11
		Outer_Full	26.50	25.87	25.94	26.17
		Inner_Full	26.50	25.74	25.95	26.19
		Inner_1RB_Left	26.00	25.58	25.70	25.99
		Inner_1RB_Right	26.50	26.01	26.02	26.10
	CP-OFDM 256 QAM	Edge_1RB_Left	23.50	22.89	22.89	23.28
		Edge_1RB_Right	23.50	23.26	23.38	23.48
		Outer_Full	23.50	22.95	23.01	23.23
		Inner_Full	23.50	22.82	23.06	23.24
		Inner_1RB_Left	23.50	22.88	22.96	23.23
		Inner_1RB_Right	23.50	23.25	23.34	23.41

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648668	650000	651332
				3730.02MHz	3750MHz	3769.98MHz
60MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.63	25.62	25.67
		Edge_1RB_Right	26.50	25.86	25.99	26.18
		Outer_Full	27.00	26.48	26.51	26.69
		Inner_Full	27.00	26.39	26.41	26.64
		Inner_1RB_Left	26.50	26.17	26.17	26.23
		Inner_1RB_Right	27.00	26.41	26.55	26.74
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.54	25.64	25.65
		Edge_1RB_Right	26.50	25.83	26.01	26.12
		Outer_Full	27.00	26.55	26.48	26.62
		Inner_Full	27.00	26.41	26.43	26.67
		Inner_1RB_Left	26.50	26.02	26.02	26.16
		Inner_1RB_Right	27.00	26.38	26.42	26.59
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.73	25.64	25.84
		Edge_1RB_Right	26.50	26.08	26.10	26.26
		Outer_Full	27.00	26.47	26.50	26.71
		Inner_Full	27.00	26.44	26.50	26.66
		Inner_1RB_Left	26.50	26.11	26.16	26.31
		Inner_1RB_Right	27.00	26.48	26.63	26.75
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.00	24.82	24.77	24.97
		Edge_1RB_Right	25.50	25.25	25.31	25.44
		Outer_Full	25.50	25.04	25.10	25.14
		Inner_Full	25.50	24.88	24.97	25.09
		Inner_1RB_Left	25.00	24.81	24.77	24.98
		Inner_1RB_Right	25.50	25.25	25.27	25.48
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.83	25.60	25.68
		Edge_1RB_Right	26.50	25.92	26.06	26.30
		Outer_Full	27.00	26.46	26.47	26.69
		Inner_Full	27.00	26.37	26.42	26.55
		Inner_1RB_Left	26.50	26.30	26.25	26.35
		Inner_1RB_Right	27.00	26.56	26.67	26.91
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.51	25.58	25.65
		Edge_1RB_Right	26.50	25.85	26.05	26.08
		Outer_Full	27.00	26.40	26.45	26.59
		Inner_Full	27.00	26.41	26.45	26.56
		Inner_1RB_Left	26.50	26.10	26.13	26.18
		Inner_1RB_Right	27.00	26.50	26.48	26.66
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.70	25.61	25.76
		Edge_1RB_Right	26.50	26.02	26.05	26.22
		Outer_Full	26.50	26.00	25.98	26.16
		Inner_Full	26.50	25.90	25.92	26.04
		Inner_1RB_Left	26.00	25.75	25.70	25.76
		Inner_1RB_Right	26.50	26.07	26.06	26.30
	CP-OFDM 256 QAM	Edge_1RB_Left	23.00	22.90	22.85	22.96
		Edge_1RB_Right	23.50	23.30	23.39	23.48
		Outer_Full	23.50	23.06	23.05	23.19
		Inner_Full	23.50	22.88	22.98	23.10
		Inner_1RB_Left	23.00	22.92	22.87	22.98
		Inner_1RB_Right	24.00	23.28	23.36	23.50

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		649000 3735.0MHz	650000 3750.0MHz	651000 3765.0MHz
70MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.59	25.61	25.56
		Edge_1RB_Right	26.50	26.10	26.11	26.25
		Outer_Full	27.00	26.52	26.64	26.63
		Inner_Full	26.50	26.33	26.40	26.37
		Inner_1RB_Left	26.50	26.22	26.18	26.07
		Inner_1RB_Right	27.00	26.70	26.59	26.84
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.51	25.59	25.40
		Edge_1RB_Right	26.50	26.12	25.99	26.15
		Outer_Full	27.00	26.61	26.62	26.61
		Inner_Full	26.50	26.40	26.41	26.44
		Inner_1RB_Left	26.50	26.05	26.11	25.93
		Inner_1RB_Right	27.00	26.68	26.57	26.64
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.59	25.71	25.55
		Edge_1RB_Right	26.50	26.21	26.13	26.22
		Outer_Full	27.00	26.63	26.62	26.62
		Inner_Full	26.50	26.39	26.47	26.42
		Inner_1RB_Left	26.50	26.24	26.22	26.04
		Inner_1RB_Right	27.00	26.80	26.65	26.84
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	25.50	25.46	25.39	25.36
		Edge_1RB_Right	26.50	25.85	25.86	26.04
		Outer_Full	25.50	25.14	25.15	25.12
		Inner_Full	25.00	24.98	24.99	24.94
		Inner_1RB_Left	25.50	25.44	25.45	25.42
		Inner_1RB_Right	26.50	25.83	25.79	26.02
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.74	25.75	25.64
		Edge_1RB_Right	26.50	26.18	26.15	26.40
		Outer_Full	27.00	26.59	26.63	26.61
		Inner_Full	26.50	26.38	26.36	26.41
		Inner_1RB_Left	26.50	26.42	26.26	26.18
		Inner_1RB_Right	27.00	26.76	26.73	26.96
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.56	25.50	25.45
		Edge_1RB_Right	26.50	26.09	26.11	26.13
		Outer_Full	27.00	26.58	26.62	26.52
		Inner_Full	26.50	26.39	26.47	26.39
		Inner_1RB_Left	26.50	26.01	26.08	25.93
		Inner_1RB_Right	27.00	26.55	26.56	26.81
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.52	25.60	25.56
		Edge_1RB_Right	26.50	26.17	26.11	26.29
		Outer_Full	26.50	26.11	26.13	26.12
		Inner_Full	26.00	25.88	25.96	25.97
		Inner_1RB_Left	26.00	25.65	25.70	25.54
		Inner_1RB_Right	26.50	26.13	26.19	26.31
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	23.50	23.47	23.48
		Edge_1RB_Right	24.50	23.90	23.87	24.08
		Outer_Full	23.50	23.16	23.15	23.25
		Inner_Full	23.50	22.93	22.98	23.03
		Inner_1RB_Left	24.00	23.53	23.50	23.51
		Inner_1RB_Right	24.50	23.85	23.89	24.04

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		649340	650000	650666
				3740.1MHz	3750MHz	3759.99MHz
80MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.67	25.56	25.53
		Edge_1RB_Right	26.50	26.04	26.11	26.19
		Outer_Full	27.00	26.64	26.64	26.67
		Inner_Full	26.50	26.37	26.37	26.43
		Inner_1RB_Left	26.50	26.24	26.15	26.11
		Inner_1RB_Right	27.00	26.58	26.51	26.73
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	25.50	25.40	25.36	25.42
		Edge_1RB_Right	26.50	25.92	25.87	26.03
		Outer_Full	27.00	26.58	26.55	26.63
		Inner_Full	26.50	26.40	26.39	26.41
		Inner_1RB_Left	26.50	25.91	25.95	26.04
		Inner_1RB_Right	27.00	26.37	26.46	26.53
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.49	25.53	25.55
		Edge_1RB_Right	26.50	26.06	26.07	26.14
		Outer_Full	27.00	26.62	26.61	26.65
		Inner_Full	26.50	26.35	26.39	26.41
		Inner_1RB_Left	26.50	26.21	26.20	26.16
		Inner_1RB_Right	27.00	26.69	26.61	26.77
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.00	25.54	25.62	25.66
		Edge_1RB_Right	26.50	26.08	26.00	26.14
		Outer_Full	25.50	25.17	25.19	25.25
		Inner_Full	25.50	24.97	24.99	25.00
		Inner_1RB_Left	26.00	25.64	25.70	25.65
		Inner_1RB_Right	26.50	26.05	26.05	26.09
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.74	25.61	25.59
		Edge_1RB_Right	26.50	26.12	26.16	26.31
		Outer_Full	27.00	26.60	26.59	26.66
		Inner_Full	26.50	26.31	26.29	26.36
		Inner_1RB_Left	26.50	26.24	26.27	26.21
		Inner_1RB_Right	27.00	26.63	26.76	26.76
	CP-OFDM 16 QAM	Edge_1RB_Left	25.50	25.47	25.48	25.43
		Edge_1RB_Right	26.50	25.98	25.95	26.05
		Outer_Full	27.00	26.59	26.54	26.59
		Inner_Full	26.50	26.32	26.40	26.42
		Inner_1RB_Left	26.50	26.04	26.02	26.00
		Inner_1RB_Right	27.00	26.59	26.50	26.57
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.62	25.56	25.58
		Edge_1RB_Right	26.50	26.10	26.08	26.11
		Outer_Full	26.50	26.15	26.13	26.19
		Inner_Full	26.00	25.86	25.84	25.87
		Inner_1RB_Left	26.00	25.68	25.62	25.53
		Inner_1RB_Right	26.50	25.99	26.07	26.10
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	23.69	23.66	23.66
		Edge_1RB_Right	24.50	24.10	24.07	24.12
		Outer_Full	23.50	23.18	23.22	23.25
		Inner_Full	23.50	23.01	23.03	23.13
		Inner_1RB_Left	24.00	23.65	23.71	23.73
		Inner_1RB_Right	24.50	24.10	24.04	24.13

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647168	650000	652832
				3707.52MHz	3750MHz	3792.48MHz
90MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.54	25.48	25.70
		Edge_1RB_Right	26.50	26.16	26.13	26.06
		Outer_Full	27.00	26.72	26.69	26.71
		Inner_Full	26.50	26.23	26.25	26.40
		Inner_1RB_Left	26.50	26.12	26.19	26.26
		Inner_1RB_Right	27.00	26.72	26.63	26.57
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	26.00	25.38	25.45	25.52
		Edge_1RB_Right	26.50	26.09	25.98	25.86
		Outer_Full	27.00	26.66	26.67	26.68
		Inner_Full	26.50	26.45	26.47	26.45
		Inner_1RB_Left	26.50	25.90	26.01	26.06
		Inner_1RB_Right	27.00	26.69	26.64	26.45
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.54	25.67	25.64
		Edge_1RB_Right	26.50	26.20	26.06	26.01
		Outer_Full	27.00	26.69	26.66	26.67
		Inner_Full	26.50	26.39	26.40	26.48
		Inner_1RB_Left	26.50	26.05	26.22	26.28
		Inner_1RB_Right	27.00	26.78	26.67	26.59
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.00	25.67	25.83	25.86
		Edge_1RB_Right	26.50	26.39	26.24	26.11
		Outer_Full	25.50	25.15	25.21	25.24
		Inner_Full	25.00	24.87	24.96	24.94
		Inner_1RB_Left	26.00	25.68	25.77	25.79
		Inner_1RB_Right	26.50	26.36	26.23	26.11
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.61	25.71	25.76
		Edge_1RB_Right	26.50	26.34	26.21	26.19
		Outer_Full	27.00	26.60	26.64	26.66
		Inner_Full	26.50	26.26	26.33	26.39
		Inner_1RB_Left	26.50	26.20	26.29	26.38
		Inner_1RB_Right	27.00	26.80	26.70	26.65
	CP-OFDM 16 QAM	Edge_1RB_Left	26.00	25.49	25.55	25.52
		Edge_1RB_Right	26.50	26.10	26.09	25.95
		Outer_Full	27.00	26.64	26.66	26.69
		Inner_Full	26.50	26.35	26.37	26.49
		Inner_1RB_Left	26.50	25.97	26.00	26.04
		Inner_1RB_Right	27.00	26.71	26.48	26.60
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.46	25.50	25.63
		Edge_1RB_Right	26.50	26.26	26.05	26.07
		Outer_Full	26.50	26.13	26.10	26.16
		Inner_Full	26.00	25.77	25.81	25.84
		Inner_1RB_Left	26.00	25.52	25.61	25.63
		Inner_1RB_Right	26.50	26.21	26.00	25.97
	CP-OFDM 256 QAM	Edge_1RB_Left	24.00	23.80	23.86	23.96
		Edge_1RB_Right	24.50	24.44	24.33	24.23
		Outer_Full	23.50	23.33	23.39	23.29
		Inner_Full	23.50	22.97	23.02	22.98
		Inner_1RB_Left	24.00	23.77	23.90	23.94
		Inner_1RB_Right	24.50	24.38	24.25	24.15

30K_N78a			Maximum Tune-up(dBm)	Conducted Power(dBm)	
Bandwidth	Modulation	RB allocation		650000	
				3750.0MHz	
100MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	26.00	25.59	
		Edge_1RB_Right	26.50	26.24	
		Outer_Full	27.00	26.78	
		Inner_Full	26.50	26.38	
		Inner_1RB_Left	26.50	26.08	
		Inner_1RB_Right	27.00	26.64	
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	25.50	25.36	
		Edge_1RB_Right	26.50	26.03	
		Outer_Full	27.00	26.72	
		Inner_Full	26.50	26.35	
		Inner_1RB_Left	26.00	25.83	
		Inner_1RB_Right	26.50	26.47	
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	26.00	25.57	
		Edge_1RB_Right	26.50	26.21	
		Outer_Full	27.00	26.71	
		Inner_Full	26.50	26.40	
		Inner_1RB_Left	26.50	26.12	
		Inner_1RB_Right	27.00	26.80	
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	26.50	26.21	
		Edge_1RB_Right	27.00	26.56	
		Outer_Full	25.50	25.30	
		Inner_Full	25.00	24.96	
		Inner_1RB_Left	26.50	26.19	
		Inner_1RB_Right	27.00	26.61	
	CP-OFDM QPSK	Edge_1RB_Left	26.00	25.81	
		Edge_1RB_Right	26.50	26.28	
		Outer_Full	27.00	26.71	
		Inner_Full	26.50	26.32	
		Inner_1RB_Left	26.50	26.29	
		Inner_1RB_Right	27.00	26.78	
	CP-OFDM 16 QAM	Edge_1RB_Left	25.50	25.34	
		Edge_1RB_Right	26.50	26.05	
		Outer_Full	27.00	26.71	
		Inner_Full	26.50	26.42	
		Inner_1RB_Left	26.00	25.93	
		Inner_1RB_Right	27.00	26.53	
	CP-OFDM 64 QAM	Edge_1RB_Left	26.00	25.52	
		Edge_1RB_Right	26.50	26.33	
		Outer_Full	26.50	26.23	
		Inner_Full	26.00	25.87	
		Inner_1RB_Left	26.00	25.60	
		Inner_1RB_Right	26.50	26.10	
	CP-OFDM 256 QAM	Edge_1RB_Left	24.50	24.27	
		Edge_1RB_Right	25.00	24.79	
		Outer_Full	23.50	23.35	
		Inner_Full	23.50	23.01	
		Inner_1RB_Left	24.50	24.32	
		Inner_1RB_Right	25.00	24.65	

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		630334	633334	636332
				3455.01MHz	3500.01MHz	3544.98MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.00	20.12	20.18	20.82
		Edge_1RB_Right	21.00	20.05	20.37	20.85
		Outer_Full	22.00	20.71	20.84	21.52
		Inner_Full	22.00	20.75	20.94	21.53
		Inner_1RB_Left	21.50	20.67	20.71	21.34
		Inner_1RB_Right	21.50	20.55	20.78	21.39
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	19.98	20.05	20.70
		Edge_1RB_Right	21.00	19.92	20.05	20.75
		Outer_Full	22.00	20.83	20.95	21.54
		Inner_Full	21.50	20.61	20.79	21.41
		Inner_1RB_Left	21.50	20.53	20.55	21.22
		Inner_1RB_Right	21.50	20.41	20.60	21.29
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.17	20.21	20.82
		Edge_1RB_Right	21.00	20.00	20.29	20.93
		Outer_Full	22.00	20.75	20.92	21.57
		Inner_Full	22.00	20.71	20.84	21.50
		Inner_1RB_Left	21.50	20.75	20.83	21.43
		Inner_1RB_Right	21.50	20.64	20.85	21.49
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.50	19.27	19.31	20.02
		Edge_1RB_Right	20.50	19.29	19.46	20.11
		Outer_Full	20.50	19.27	19.34	20.02
		Inner_Full	20.50	19.31	19.35	20.11
		Inner_1RB_Left	20.50	19.17	19.25	20.01
		Inner_1RB_Right	20.50	19.23	19.45	20.12
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.21	20.33	20.90
		Edge_1RB_Right	21.00	20.13	20.45	20.95
		Outer_Full	22.00	20.69	20.86	21.50
		Inner_Full	22.00	20.68	20.94	21.52
		Inner_1RB_Left	21.50	20.73	20.71	21.41
		Inner_1RB_Right	21.50	20.57	20.92	21.49
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.17	20.19	20.79
		Edge_1RB_Right	21.00	20.08	20.17	20.91
		Outer_Full	22.00	20.71	20.89	21.51
		Inner_Full	21.50	20.74	20.87	21.44
		Inner_1RB_Left	21.50	20.55	20.68	21.29
		Inner_1RB_Right	21.50	20.45	20.82	21.34
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.25	20.18	20.87
		Edge_1RB_Right	21.00	20.19	20.24	20.93
		Outer_Full	21.00	20.24	20.39	20.99
		Inner_Full	21.00	20.24	20.37	20.98
		Inner_1RB_Left	21.00	20.13	20.24	20.89
		Inner_1RB_Right	21.00	20.09	20.28	20.93
	CP-OFDM 256 QAM	Edge_1RB_Left	18.50	17.39	17.42	18.11
		Edge_1RB_Right	18.50	17.28	17.50	18.19
		Outer_Full	18.50	17.20	17.37	18.02
		Inner_Full	18.50	17.29	17.37	18.13
		Inner_1RB_Left	18.50	17.34	17.35	18.07
		Inner_1RB_Right	18.50	17.32	17.57	18.14

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		630500	633334	636166
				3460.2MHz	3500.01MHz	3540.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.06	19.92	20.48
		Edge_1RB_Right	21.00	19.80	20.15	20.59
		Outer_Full	21.50	20.60	20.64	21.20
		Inner_Full	21.50	20.52	20.67	21.22
		Inner_1RB_Left	21.00	20.58	20.48	20.97
		Inner_1RB_Right	21.50	20.39	20.66	21.07
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	19.98	19.81	20.33
		Edge_1RB_Right	21.00	19.77	20.02	20.52
		Outer_Full	21.50	20.53	20.66	21.16
		Inner_Full	21.50	20.61	20.64	21.15
		Inner_1RB_Left	21.00	20.50	20.34	20.88
		Inner_1RB_Right	21.50	20.27	20.45	21.05
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.15	19.95	20.54
		Edge_1RB_Right	21.00	19.93	20.12	20.74
		Outer_Full	21.50	20.56	20.66	21.09
		Inner_Full	21.50	20.61	20.60	21.17
		Inner_1RB_Left	21.50	20.73	20.51	21.01
		Inner_1RB_Right	21.50	20.45	20.74	21.19
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.00	19.13	19.03	19.53
		Edge_1RB_Right	20.00	18.97	19.23	19.73
		Outer_Full	20.00	19.03	19.18	19.72
		Inner_Full	20.00	19.19	19.15	19.69
		Inner_1RB_Left	20.00	19.18	19.06	19.50
		Inner_1RB_Right	20.00	19.04	19.20	19.70
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.15	20.05	20.52
		Edge_1RB_Right	21.00	19.97	20.27	20.66
		Outer_Full	21.50	20.51	20.62	21.13
		Inner_Full	21.50	20.54	20.66	21.14
		Inner_1RB_Left	21.50	20.70	20.59	21.02
		Inner_1RB_Right	21.50	20.46	20.78	21.08
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.00	19.90	20.39
		Edge_1RB_Right	21.00	19.92	20.08	20.70
		Outer_Full	21.50	20.46	20.70	21.11
		Inner_Full	21.50	20.60	20.57	21.17
		Inner_1RB_Left	21.00	20.58	20.37	20.97
		Inner_1RB_Right	21.50	20.34	20.52	21.16
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.27	20.00	20.51
		Edge_1RB_Right	21.00	19.95	20.27	20.68
		Outer_Full	21.00	19.97	20.11	20.66
		Inner_Full	21.00	20.13	20.18	20.71
		Inner_1RB_Left	20.50	20.16	20.03	20.49
		Inner_1RB_Right	21.00	20.01	20.19	20.71
	CP-OFDM 256 QAM	Edge_1RB_Left	18.00	17.22	17.13	17.57
		Edge_1RB_Right	18.00	17.07	17.33	17.82
		Outer_Full	18.00	16.99	17.10	17.66
		Inner_Full	18.00	17.10	17.18	17.72
		Inner_1RB_Left	18.00	17.27	17.06	17.62
		Inner_1RB_Right	18.00	17.06	17.32	17.77

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		631334	633334	635332
				3470.01MHz	3500.01MHz	3529.98MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.16	20.01	20.39
		Edge_1RB_Right	21.00	20.01	20.46	20.70
		Outer_Full	21.50	20.94	21.02	21.41
		Inner_Full	21.50	20.69	20.86	21.30
		Inner_1RB_Left	21.00	20.69	20.50	20.94
		Inner_1RB_Right	21.50	20.51	20.91	21.29
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.08	19.87	20.14
		Edge_1RB_Right	21.00	19.95	20.24	20.66
		Outer_Full	21.50	20.85	21.05	21.42
		Inner_Full	21.50	20.63	20.77	21.28
		Inner_1RB_Left	21.00	20.59	20.40	20.70
		Inner_1RB_Right	21.50	20.45	20.73	21.18
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.20	20.06	20.40
		Edge_1RB_Right	21.00	20.08	20.50	20.85
		Outer_Full	21.50	20.85	21.03	21.44
		Inner_Full	21.50	20.69	20.82	21.23
		Inner_1RB_Left	21.00	20.79	20.62	20.87
		Inner_1RB_Right	21.50	20.63	20.99	21.35
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.50	19.99	19.85	20.20
		Edge_1RB_Right	21.00	19.79	20.10	20.58
		Outer_Full	20.00	19.40	19.52	19.98
		Inner_Full	20.00	19.21	19.29	19.77
		Inner_1RB_Left	20.50	19.96	19.86	20.16
		Inner_1RB_Right	21.00	19.77	20.15	20.55
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.24	20.10	20.55
		Edge_1RB_Right	21.00	20.14	20.54	20.85
		Outer_Full	21.50	20.97	21.04	21.48
		Inner_Full	21.50	20.78	20.77	21.36
		Inner_1RB_Left	21.50	20.86	20.62	21.02
		Inner_1RB_Right	21.50	20.74	21.02	21.32
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.03	19.94	20.30
		Edge_1RB_Right	21.00	19.92	20.22	20.73
		Outer_Full	21.50	20.85	21.07	21.48
		Inner_Full	21.50	20.69	20.93	21.26
		Inner_1RB_Left	21.00	20.69	20.42	20.83
		Inner_1RB_Right	21.50	20.57	20.88	21.19
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.22	19.94	20.35
		Edge_1RB_Right	21.00	20.14	20.45	20.81
		Outer_Full	21.50	20.42	20.57	21.04
		Inner_Full	21.00	20.13	20.32	20.76
		Inner_1RB_Left	20.50	20.29	20.07	20.39
		Inner_1RB_Right	21.00	20.16	20.50	20.86
	CP-OFDM 256 QAM	Edge_1RB_Left	18.50	18.09	18.00	18.27
		Edge_1RB_Right	19.00	17.87	18.23	18.74
		Outer_Full	18.00	17.48	17.54	17.97
		Inner_Full	18.00	17.25	17.46	17.83
		Inner_1RB_Left	18.50	18.10	17.98	18.25
		Inner_1RB_Right	19.00	17.88	18.32	18.65

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		631668	633334	635000
				3475.02MHz	3500.01MHz	3525MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.39	20.36	20.43
		Edge_1RB_Right	21.00	20.40	20.78	20.90
		Outer_Full	21.50	21.01	21.06	21.33
		Inner_Full	21.50	20.84	21.05	21.31
		Inner_1RB_Left	21.00	20.93	20.80	20.98
		Inner_1RB_Right	21.50	20.96	21.29	21.48
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.38	20.28	20.28
		Edge_1RB_Right	21.00	20.34	20.65	20.89
		Outer_Full	21.50	20.99	21.19	21.28
		Inner_Full	21.50	20.99	21.04	21.27
		Inner_1RB_Left	21.00	20.83	20.87	20.87
		Inner_1RB_Right	21.50	20.83	21.17	21.39
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.61	20.46	20.53
		Edge_1RB_Right	21.50	20.49	20.80	21.08
		Outer_Full	21.50	20.91	21.09	21.31
		Inner_Full	21.50	20.85	21.03	21.26
		Inner_1RB_Left	21.00	20.97	20.92	20.94
		Inner_1RB_Right	22.00	20.95	21.28	21.50
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.00	19.68	19.72	19.74
		Edge_1RB_Right	20.50	19.77	20.19	20.40
		Outer_Full	20.50	19.61	19.74	20.00
		Inner_Full	20.00	19.49	19.68	19.93
		Inner_1RB_Left	20.00	19.74	19.64	19.74
		Inner_1RB_Right	20.50	19.80	20.12	20.46
	CP-OFDM QPSK	Edge_1RB_Left	20.50	20.43	20.49	20.45
		Edge_1RB_Right	21.50	20.42	20.91	21.03
		Outer_Full	21.50	20.96	21.06	21.35
		Inner_Full	21.50	20.85	21.09	21.34
		Inner_1RB_Left	21.50	20.95	21.06	21.00
		Inner_1RB_Right	22.00	21.00	21.40	21.67
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.35	20.35	20.30
		Edge_1RB_Right	21.00	20.28	20.72	20.95
		Outer_Full	21.50	21.00	21.11	21.34
		Inner_Full	21.50	20.91	20.99	21.27
		Inner_1RB_Left	21.00	20.90	20.85	20.89
		Inner_1RB_Right	21.50	20.89	21.21	21.45
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.57	20.46	20.52
		Edge_1RB_Right	21.50	20.46	20.87	21.17
		Outer_Full	21.00	20.45	20.58	20.82
		Inner_Full	21.00	20.35	20.47	20.76
		Inner_1RB_Left	21.00	20.56	20.54	20.49
		Inner_1RB_Right	21.50	20.37	20.72	21.09
	CP-OFDM 256 QAM	Edge_1RB_Left	18.00	17.74	17.73	17.89
		Edge_1RB_Right	18.50	17.80	18.26	18.47
		Outer_Full	18.50	17.48	17.82	18.05
		Inner_Full	18.00	17.49	17.70	17.96
		Inner_1RB_Left	18.00	17.75	17.77	17.86
		Inner_1RB_Right	18.50	17.76	18.29	18.49

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		632000	633334	634666
				3480MHz	3500MHz	3520MHz
60MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.48	20.32	20.22
		Edge_1RB_Right	21.00	20.67	20.86	20.92
		Outer_Full	21.50	21.22	21.14	21.34
		Inner_Full	21.50	21.01	21.09	21.34
		Inner_1RB_Left	21.50	21.01	20.87	20.76
		Inner_1RB_Right	21.50	21.19	21.38	21.42
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.34	20.17	20.04
		Edge_1RB_Right	21.00	20.47	20.59	20.82
		Outer_Full	21.50	21.07	21.16	21.32
		Inner_Full	21.50	21.03	21.05	21.28
		Inner_1RB_Left	21.00	20.85	20.72	20.63
		Inner_1RB_Right	21.50	20.96	21.14	21.33
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.52	20.35	20.27
		Edge_1RB_Right	21.00	20.53	20.74	20.95
		Outer_Full	21.50	21.10	21.17	21.27
		Inner_Full	21.50	21.08	21.07	21.32
		Inner_1RB_Left	21.50	21.11	20.91	20.80
		Inner_1RB_Right	22.00	21.12	21.41	21.52
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.00	19.72	19.59	19.57
		Edge_1RB_Right	20.50	19.96	20.20	20.40
		Outer_Full	20.50	19.72	19.78	20.00
		Inner_Full	20.00	19.61	19.69	19.91
		Inner_1RB_Left	20.00	19.71	19.55	19.64
		Inner_1RB_Right	20.50	19.96	20.19	20.39
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.59	20.41	20.35
		Edge_1RB_Right	21.00	20.75	20.89	20.96
		Outer_Full	21.50	21.09	21.11	21.35
		Inner_Full	21.50	21.02	20.98	21.26
		Inner_1RB_Left	21.50	21.16	20.84	20.97
		Inner_1RB_Right	22.00	21.19	21.37	21.53
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.41	20.19	20.10
		Edge_1RB_Right	21.00	20.53	20.67	20.99
		Outer_Full	21.50	21.11	21.08	21.28
		Inner_Full	21.50	21.06	21.00	21.20
		Inner_1RB_Left	21.00	20.94	20.80	20.66
		Inner_1RB_Right	21.50	21.04	21.24	21.39
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.51	20.27	20.25
		Edge_1RB_Right	21.00	20.61	20.80	20.93
		Outer_Full	21.00	20.61	20.63	20.79
		Inner_Full	21.00	20.54	20.54	20.74
		Inner_1RB_Left	21.00	20.52	20.39	20.27
		Inner_1RB_Right	21.00	20.54	20.73	20.99
	CP-OFDM 256 QAM	Edge_1RB_Left	18.00	17.75	17.62	17.55
		Edge_1RB_Right	18.50	18.09	18.26	18.44
		Outer_Full	18.50	17.73	17.81	18.02
		Inner_Full	18.00	17.55	17.69	17.91
		Inner_1RB_Left	18.00	17.87	17.61	17.71
		Inner_1RB_Right	18.50	18.01	18.25	18.43

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		632334	633334	634334
				3485MHz	3500MHz	3515MHz
70MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.42	20.36	20.41
		Edge_1RB_Right	21.50	20.73	20.81	21.03
		Outer_Full	22.00	21.14	21.25	21.50
		Inner_Full	21.50	20.96	21.14	21.46
		Inner_1RB_Left	21.00	20.96	20.87	20.87
		Inner_1RB_Right	21.50	21.21	21.41	21.49
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.42	20.26	20.27
		Edge_1RB_Right	21.00	20.60	20.67	20.86
		Outer_Full	22.00	21.16	21.32	21.52
		Inner_Full	21.50	20.95	21.06	21.33
		Inner_1RB_Left	21.50	21.00	20.77	20.75
		Inner_1RB_Right	21.50	21.27	21.23	21.42
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.54	20.36	20.40
		Edge_1RB_Right	21.50	20.72	20.85	21.01
		Outer_Full	22.00	21.18	21.27	21.50
		Inner_Full	21.50	20.94	21.04	21.34
		Inner_1RB_Left	21.50	20.82	21.06	21.08
		Inner_1RB_Right	22.00	21.05	21.48	21.65
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.50	20.32	20.28	20.30
		Edge_1RB_Right	21.00	20.54	20.82	20.95
		Outer_Full	20.50	19.70	19.93	20.17
		Inner_Full	20.50	19.50	19.71	20.01
		Inner_1RB_Left	20.50	20.29	20.27	20.29
		Inner_1RB_Right	21.00	20.54	20.76	20.96
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.61	20.50	20.47
		Edge_1RB_Right	21.50	20.84	20.94	21.04
		Outer_Full	22.00	21.22	21.29	21.53
		Inner_Full	21.50	20.96	21.11	21.37
		Inner_1RB_Left	21.50	21.11	20.94	21.04
		Inner_1RB_Right	22.00	21.38	21.48	21.66
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.37	20.34	20.31
		Edge_1RB_Right	21.00	20.46	20.80	20.95
		Outer_Full	22.00	21.16	21.30	21.51
		Inner_Full	21.50	21.00	21.07	21.36
		Inner_1RB_Left	21.00	20.91	20.85	20.97
		Inner_1RB_Right	22.00	21.12	21.33	21.54
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.41	20.45	20.42
		Edge_1RB_Right	21.00	20.78	20.85	20.99
		Outer_Full	21.50	20.76	20.77	21.00
		Inner_Full	21.00	20.42	20.64	20.86
		Inner_1RB_Left	21.00	20.54	20.50	20.50
		Inner_1RB_Right	21.50	20.69	20.82	21.11
	CP-OFDM 256 QAM	Edge_1RB_Left	18.50	18.32	18.32	18.40
		Edge_1RB_Right	19.00	18.62	18.85	18.99
		Outer_Full	18.50	17.80	17.98	18.21
		Inner_Full	18.50	17.60	17.75	18.03
		Inner_1RB_Left	18.50	18.38	18.31	18.38
		Inner_1RB_Right	19.00	18.59	18.90	18.97

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		632667	633334	634000
				3490MHz	3500MHz	3510MHz
80MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.00	20.52	20.47	20.31
		Edge_1RB_Right	21.00	20.89	20.96	20.97
		Outer_Full	21.50	21.49	21.40	21.47
		Inner_Full	21.50	21.18	21.15	21.29
		Inner_1RB_Left	21.50	21.05	20.94	20.88
		Inner_1RB_Right	22.00	21.42	21.50	21.55
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.37	20.34	20.25
		Edge_1RB_Right	21.00	20.77	20.79	20.90
		Outer_Full	22.00	21.43	21.46	21.53
		Inner_Full	21.50	21.07	21.11	21.23
		Inner_1RB_Left	21.00	20.94	20.86	20.80
		Inner_1RB_Right	22.00	21.31	21.38	21.53
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.57	20.46	20.43
		Edge_1RB_Right	21.50	20.90	20.98	21.09
		Outer_Full	22.00	21.45	21.43	21.50
		Inner_Full	21.50	21.13	21.10	21.24
		Inner_1RB_Left	21.50	21.24	21.08	20.93
		Inner_1RB_Right	22.00	21.51	21.54	21.58
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.00	20.73	20.49	20.53
		Edge_1RB_Right	21.50	20.93	21.08	21.25
		Outer_Full	20.50	20.05	20.07	20.22
		Inner_Full	20.00	19.72	19.73	19.90
		Inner_1RB_Left	21.00	20.65	20.46	20.51
		Inner_1RB_Right	21.50	21.00	21.07	21.17
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.62	20.53	20.40
		Edge_1RB_Right	21.50	20.99	20.95	21.06
		Outer_Full	22.00	21.46	21.33	21.53
		Inner_Full	21.50	21.18	21.07	21.27
		Inner_1RB_Left	21.50	21.23	21.01	20.97
		Inner_1RB_Right	22.00	21.52	21.57	21.63
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.40	20.30	20.25
		Edge_1RB_Right	21.00	20.73	20.77	20.93
		Outer_Full	21.50	21.46	21.37	21.48
		Inner_Full	21.50	21.12	21.03	21.21
		Inner_1RB_Left	21.00	20.96	20.87	20.93
		Inner_1RB_Right	22.00	21.30	21.39	21.51
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.46	20.36	20.47
		Edge_1RB_Right	21.50	20.88	21.01	21.12
		Outer_Full	21.00	20.89	20.84	20.99
		Inner_Full	21.00	20.61	20.50	20.66
		Inner_1RB_Left	21.00	20.65	20.53	20.45
		Inner_1RB_Right	21.50	20.96	20.89	21.09
	CP-OFDM 256 QAM	Edge_1RB_Left	19.00	18.75	18.54	18.50
		Edge_1RB_Right	19.50	19.07	19.06	19.25
		Outer_Full	18.50	18.04	18.07	18.19
		Inner_Full	18.00	17.76	17.78	17.99
		Inner_1RB_Left	19.00	18.66	18.48	18.56
		Inner_1RB_Right	19.50	19.04	19.12	19.26

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		633000	633334	633666
				3495MHz	3500MHz	3505MHz
90MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.49	20.48	20.43
		Edge_1RB_Right	21.50	21.05	20.92	21.00
		Outer_Full	22.00	21.47	21.49	21.59
		Inner_Full	21.50	21.13	21.23	21.31
		Inner_1RB_Left	21.50	21.08	21.00	21.00
		Inner_1RB_Right	22.00	21.60	21.53	21.53
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.40	20.35	20.37
		Edge_1RB_Right	21.00	20.89	20.92	20.89
		Outer_Full	22.00	21.44	21.53	21.60
		Inner_Full	21.50	21.05	21.20	21.27
		Inner_1RB_Left	21.00	20.96	20.87	20.87
		Inner_1RB_Right	22.00	21.49	21.51	21.47
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.58	20.56	20.58
		Edge_1RB_Right	21.50	21.13	21.12	21.08
		Outer_Full	22.00	21.41	21.51	21.62
		Inner_Full	21.50	21.07	21.16	21.28
		Inner_1RB_Left	21.50	21.09	21.03	21.08
		Inner_1RB_Right	22.00	21.65	21.62	21.59
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.00	20.76	20.68	20.65
		Edge_1RB_Right	21.50	21.30	21.34	21.37
		Outer_Full	20.50	20.08	20.15	20.28
		Inner_Full	20.00	19.70	19.79	19.90
		Inner_1RB_Left	21.00	20.68	20.67	20.67
		Inner_1RB_Right	21.50	21.37	21.31	21.35
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.70	20.66	20.52
		Edge_1RB_Right	21.50	21.15	21.11	21.11
		Outer_Full	22.00	21.47	21.47	21.54
		Inner_Full	21.50	21.02	21.15	21.36
		Inner_1RB_Left	21.50	21.11	21.09	21.06
		Inner_1RB_Right	22.00	21.65	21.60	21.61
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.48	20.24	20.33
		Edge_1RB_Right	21.00	20.91	20.94	20.93
		Outer_Full	22.00	21.44	21.48	21.61
		Inner_Full	21.50	21.10	21.15	21.37
		Inner_1RB_Left	21.50	20.97	21.07	20.87
		Inner_1RB_Right	22.00	21.58	21.57	21.46
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.66	20.65	20.51
		Edge_1RB_Right	21.50	21.15	21.06	21.06
		Outer_Full	21.50	20.90	20.94	21.04
		Inner_Full	21.00	20.51	20.61	20.71
		Inner_1RB_Left	21.00	20.66	20.53	20.47
		Inner_1RB_Right	21.50	21.13	21.05	21.10
	CP-OFDM 256 QAM	Edge_1RB_Left	19.00	18.90	18.83	18.77
		Edge_1RB_Right	19.50	19.45	19.46	19.42
		Outer_Full	18.50	18.12	18.22	18.25
		Inner_Full	18.00	17.74	17.87	17.94
		Inner_1RB_Left	19.00	18.82	18.80	18.82
		Inner_1RB_Right	19.50	19.42	19.39	19.45

30K_N78e			Maximum Tune-up(dBm)	Conducted Power(dBm)	
Bandwidth	Modulation	RB allocation		633334	
				3500MHz	
100MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	20.50	20.49	
		Edge_1RB_Right	21.00	20.99	
		Outer_Full	22.00	21.57	
		Inner_Full	21.50	21.20	
		Inner_1RB_Left	21.50	21.02	
		Inner_1RB_Right	22.00	21.54	
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	20.36	
		Edge_1RB_Right	21.00	20.94	
		Outer_Full	22.00	21.51	
		Inner_Full	21.50	21.06	
		Inner_1RB_Left	21.00	20.96	
		Inner_1RB_Right	22.00	21.50	
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.56	
		Edge_1RB_Right	21.50	21.10	
		Outer_Full	22.00	21.54	
		Inner_Full	21.50	21.13	
		Inner_1RB_Left	21.50	21.09	
		Inner_1RB_Right	22.00	21.62	
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.24	
		Edge_1RB_Right	22.00	21.73	
		Outer_Full	20.50	20.27	
		Inner_Full	20.00	19.78	
		Inner_1RB_Left	21.50	21.17	
		Inner_1RB_Right	22.00	21.67	
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.61	
		Edge_1RB_Right	21.50	21.11	
		Outer_Full	22.00	21.56	
		Inner_Full	21.50	21.20	
		Inner_1RB_Left	21.50	21.00	
		Inner_1RB_Right	22.00	21.63	
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.40	
		Edge_1RB_Right	21.00	20.92	
		Outer_Full	22.00	21.52	
		Inner_Full	21.50	21.07	
		Inner_1RB_Left	21.00	20.94	
		Inner_1RB_Right	22.00	21.57	
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	20.62	
		Edge_1RB_Right	21.50	21.04	
		Outer_Full	21.50	21.09	
		Inner_Full	21.00	20.53	
		Inner_1RB_Left	21.00	20.64	
		Inner_1RB_Right	21.50	21.11	
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.32	
		Edge_1RB_Right	20.00	19.82	
		Outer_Full	18.50	18.30	
		Inner_Full	18.00	17.84	
		Inner_1RB_Left	19.50	19.31	
		Inner_1RB_Right	20.00	19.73	

8.4 Wi-Fi

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
2.4g Wifi (2.4~2.4835)	802.11b	1	2412	14.96	15.00	Yes
		6	2437	14.47	14.50	No
		11	2462	14.15	14.50	No
	802.11g	1	2412	14.62	15.00	No
		6	2437	14.12	14.50	No
		11	2462	13.92	14.00	No
	802.11n(HT20)	1	2412	14.45	14.50	No
		6	2437	13.97	14.00	No
		11	2462	13.75	14.00	No
	802.11n(HT40)	3	2422	15.20	15.50	No
		6	2437	14.88	15.00	No
		9	2452	14.93	15.00	No

Note: SAR is not required for the following 2.4 GHz OFDM conditions as the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is $\leq 1.2\text{W/kg}$.

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-1 (5.150~5.250)	802.11a	36	5180	13.16	13.50	No
		40	5200	13.69	14.00	No
		48	5240	14.01	14.50	No
	802.11n(HT20)	36	5180	12.87	13.00	No
		40	5200	13.45	13.50	No
		48	5240	13.83	14.00	No
	802.11ac(VHT20)	36	5180	12.94	13.00	No
		40	5200	13.49	13.50	No
		48	5240	13.82	14.00	No
	802.11n(HT40)	38	5190	14.52	15.00	No
		46	5230	15.11	15.50	No
	802.11ac(VHT40)	38	5190	14.57	15.00	No
		46	5230	15.17	15.50	Yes
	802.11ac(VHT80)	42	5210	14.87	15.00	No

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-2a (5.250~5.350)	802.11a	52	5260	14.47	14.50	No
		56	5300	14.53	15.00	No
		64	5320	14.96	15.00	No
	802.11n(HT20)	52	5260	14.29	14.50	No
		56	5300	14.37	14.50	No
		64	5320	14.82	15.00	No
	802.11ac(VHT20)	52	5260	14.33	14.50	No
		56	5300	14.42	14.50	No
		64	5320	14.84	15.00	No
	802.11n(HT40)	54	5270	15.47	15.50	No
		62	5310	15.55	16.00	No
	802.11ac(VHT40)	54	5270	15.52	16.00	No
		62	5310	15.56	16.00	Yes
	802.11ac(VHT80)	58	5290	15.43	15.50	No

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-2c (5.470~5.725)	802.11a	100	5500	14.86	15.00	No
		120	5580	15.07	15.50	No
		140	5700	14.20	14.50	No
	802.11n(HT20)	100	5500	14.85	15.00	No
		120	5580	15.01	15.50	No
		140	5700	14.02	14.50	No
	802.11ac(VHT20)	100	5500	14.85	15.00	No
		120	5580	15.02	15.50	No
		140	5700	14.10	14.50	No
	802.11n(HT40)	102	5510	15.35	15.50	No
		118	5550	15.51	16.00	No
		134	5670	15.56	16.00	No
	802.11ac(VHT40)	102	5510	15.36	15.50	No
		118	5550	15.54	16.00	No
		134	5670	15.62	16.00	Yes
	802.11ac(VHT80)	106	5530	15.15	15.50	No
		122	5610	15.53	16.00	No

Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-3 (5.725~5.850)	802.11a	149	5745	13.17	13.50	No
		157	5785	11.58	12.00	No
		165	5825	10.31	10.50	No
	802.11n(HT20)	149	5745	13.01	13.50	No
		157	5785	11.34	11.50	No
		165	5825	10.08	10.50	No
	802.11ac(VHT20)	149	5745	13.07	13.50	No
		157	5785	11.40	11.50	No
		165	5825	10.11	10.50	No
	802.11n(HT40)	151	5755	13.70	14.00	No
		159	5795	12.06	12.50	No
	802.11ac(VHT40)	151	5755	13.79	14.00	Yes
		159	5795	12.19	12.50	No
	802.11ac(VHT80)	155	5775	13.00	13.50	No

Note

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01, the 1-g SAR test exclusion thresholds for 300 MHz to 6 GHz at *test separation distances* ≤ 40 cm are determined by:

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B. 2})$$

where

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B. 1})$$

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

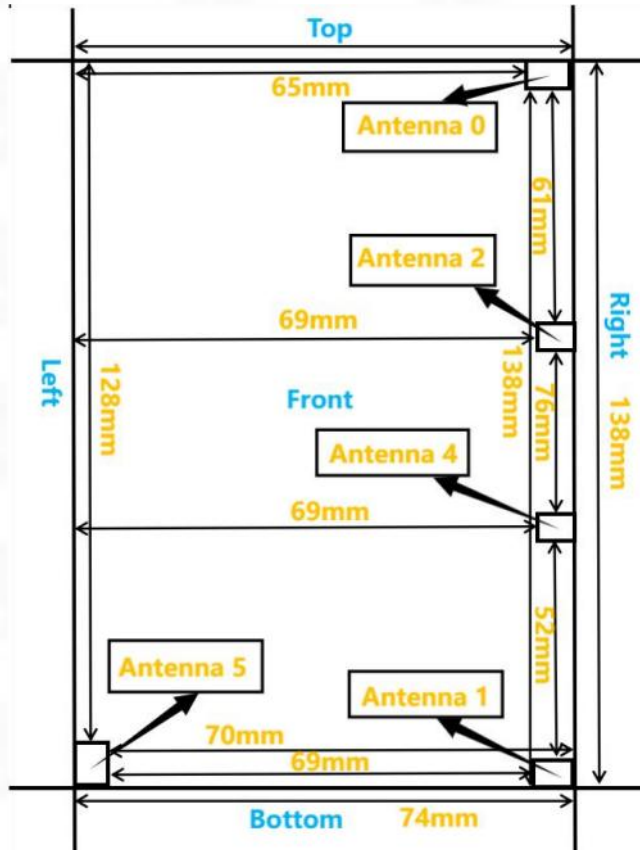
and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

*When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine estimated SAR.

- Per KDB 248227 D01 v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
- The output power of all data rate were prescan, just the worst case (the lowest data rate) of all mode were shown in report.
- Per KDB 447498 requires when the standalone SAR test exclusion of section 4.3.1 is applied to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to the following format to determine simultaneous transmission SAR test exclusion:
(max.power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] $\cdot [\sqrt{f}(\text{GHz}) / x]$
W/kg for test separation distances ≤ 50 mm;
where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.
0.4 W/Kg for 1-g SAR and 1.0 W/kg for 10-g SAR, when the test separation distances is > 50 mm

9. Test Exclusion Consideration

Antenna information:



Antenna 0	GSM/WCDMA/LTE/NR TX/RX
Antenna 1	DRX
Antenna 2	DRX
Antenna 4	NR TX/RX
Antenna 5	WLAN TX/RX

Note:

1. KDB 447498 D04v01, particular DUT edges were not required to be evaluated for SAR if the antenna-to-edge distance is greater than 2.5cm.
2. Per KDB648474 D04, 10-g extremity SAR is not required when Body-Worn mode 1-g reported SAR < 1.2W/Kg.
3. Ant.0 include WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/25/26/41/66/71, NR N2/5/25/66/71
4. Ant.4 include NR N41/48/77/78
5. Ant.5 include 2.4G/5G WIFI

Distance of The Antenna to the EUT surface and edge (mm)						
Antenna	Front Side (mm)	Back Side (mm)	Left Edge (mm)	Right Edge (mm)	Top Edge (mm)	Bottom Edge (mm)
ANT 0	<25	<25	65	<25	<25	134
ANT 4	<25	<25	69	<25	85	52
ANT 5	<25	<25	<25	70	128	<25
Positions for SAR tests: Hotspot mode						
Antenna	Front Side (mm)	Back Side (mm)	Left Edge (mm)	Right Edge (mm)	Top Edge (mm)	Bottom Edge (mm)
ANT 0	Yes	Yes	No	Yes	Yes	No
ANT 4	Yes	Yes	No	Yes	No	No
ANT 5	Yes	Yes	Yes	No	No	Yes

10. Test Result

Body(5mm gap)												
Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Reported SAR (W/kg)	Meas. No.
WCDMA Band 2 (RMC*)	Front	9262	1852.4	-2.240	1.028	100.00	1.000	23.30	23.50	1.047	1.076	1#
	Front-repeat	9262	1852.4	1.250	1.026	100.00	1.000	23.30	23.50	1.047	1.074	/
	Front	9400	1880.0	3.220	0.911	100.00	1.000	23.18	23.50	1.076	0.980	/
	Front	9538	1907.6	-0.320	0.789	100.00	1.000	22.99	23.00	1.002	0.791	/
	Back	9262	1852.4	-3.010	0.751	100.00	1.000	23.30	23.50	1.047	0.786	/
	Right	9262	1852.4	1.600	0.755	100.00	1.000	23.30	23.50	1.047	0.790	/
	Top	9262	1852.4	-1.720	0.761	100.00	1.000	23.30	23.50	1.047	0.797	/
Limb(0mm Gap)												
Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Reported SAR (W/kg)	Meas. No.
WCDMA Band 2 (RMC*)	Front	9262	1852.4	-2.630	1.530	100.00	1.000	23.30	23.50	1.047	1.602	2#

Body(5mm gap)												
Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Reported SAR (W/kg)	Meas. No.
WCDMA Band 4 (RMC*)	Front	1312	1712.4	2.360	0.856	100.00	1.000	23.46	23.50	1.009	0.864	/
	Front	1413	1732.6	3.510	0.942	100.00	1.000	23.56	24.00	1.107	1.043	/
	Front	1513	1752.6	-3.520	1.025	100.00	1.000	23.62	24.00	1.091	1.118	3#
	Front-repeat	1513	1752.6	2.640	1.021	100.00	1.000	23.62	24.00	1.091	1.114	/
	Back	1513	1752.6	-4.770	0.728	100.00	1.000	23.62	24.00	1.091	0.794	/
	Right	1513	1752.6	2.870	0.729	100.00	1.000	23.62	24.00	1.091	0.795	/
	Top	1513	1752.6	-2.020	0.731	100.00	1.000	23.62	24.00	1.091	0.798	/
Limb(0mm Gap)												
Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Reported SAR (W/kg)	Meas. No.
WCDMA Band 4 (RMC*)	Front	1513	1752.6	2.810	1.754	100.00	1.000	23.62	24.00	1.091	1.914	4#

Body(5mm gap)												
Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Reported SAR (W/kg)	Meas. No.
WCDMA Band 5 (RMC*)	Front	4132	826.4	1.250	0.963	100.00	1.000	23.56	24.00	1.107	1.066	/
	Front	4183	836.6	3.740	1.037	100.00	1.000	23.59	24.00	1.099	1.140	5#
	Front-repeat	4183	836.6	0.340	1.035	100.00	1.000	23.59	24.00	1.099	1.137	/
	Front	4233	846.6	-0.160	0.892	100.00	1.000	23.45	23.50	1.012	0.903	/
	Back	4183	836.6	-3.360	0.723	100.00	1.000	23.59	24.00	1.099	0.795	/
	Right	4183	836.6	-1.060	0.724	100.00	1.000	23.59	24.00	1.099	0.796	/
	Top	4183	836.6	2.580	0.727	100.00	1.000	23.59	24.00	1.099	0.799	/
Limb(0mm Gap)												
Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Reported SAR (W/kg)	Meas. No.
WCDMA Band 5 (RMC*)	Front	4183	836.6	-0.930	0.885	100.00	1.000	23.59	24.00	1.099	0.973	6#

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas. SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 2 (BW: 20MHz)	1RB	Front	18700	1860.0	2.620	0.895	100.00	1.000	22.47	22.50	1.007	0.901	/
		Front	18900	1880.0	-1.750	0.969	100.00	1.000	22.57	23.00	1.104	1.070	7#
		Front-repeat	18900	1880.0	-1.230	0.965	100.00	1.000	22.57	23.00	1.104	1.065	/
		Front	19100	1900.0	4.320	0.871	100.00	1.000	22.41	22.50	1.021	0.889	/
		Back	18900	1880.0	-0.500	0.721	100.00	1.000	22.57	23.00	1.104	0.796	/
		Right	18900	1880.0	3.350	0.720	100.00	1.000	22.57	23.00	1.104	0.795	/
		Top	18900	1880.0	1.980	0.723	100.00	1.000	22.57	23.00	1.104	0.798	/

	50%RB	Front	18900	1880.0	-2.360	0.723	100.00	1.000	21.59	22.00	1.099	0.795	/
		Back	18900	1880.0	0.080	0.520	100.00	1.000	21.59	22.00	1.099	0.571	/
		Right	18900	1880.0	3.840	0.521	100.00	1.000	21.59	22.00	1.099	0.573	/
		Top	18900	1880.0	-0.960	0.524	100.00	1.000	21.59	22.00	1.099	0.576	/

Limb(0mm Gap)

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 2 (BW: 20MHz)	1RB	Front	18900	1880.0	-0.490	1.311	100.00	1.000	22.57	23.00	1.104	1.447	8#
	50%RB	Front	18900	1880.0	3.940	0.961	100.00	1.000	21.59	22.00	1.099	1.056	/

Body(5mm Gap)

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 4 (BW: 20MHz)	1RB	Front	20050	1860.0	1.850	1.203	100.00	1.000	18.66	19.00	1.081	1.300	9#
		Front-repeat	20050	1860.0	2.320	1.201	100.00	1.000	18.66	19.00	1.081	1.298	/
		Front	20175	1732.5	-1.620	0.826	100.00	1.000	18.16	18.50	1.081	0.893	/
		Front	20300	1745.0	3.450	0.768	100.00	1.000	17.99	18.00	1.002	0.770	/
		Back	20050	1860.0	-0.980	0.723	100.00	1.000	18.66	19.00	1.081	0.782	/
		Right	20050	1860.0	3.340	0.724	100.00	1.000	18.66	19.00	1.081	0.783	/
		Top	20050	1860.0	-1.700	0.729	100.00	1.000	18.66	19.00	1.081	0.788	/
		Front	20050	1860.0	-3.330	0.793	100.00	1.000	17.47	17.50	1.007	0.799	/
	50%RB	Back	20050	1860.0	3.610	0.376	100.00	1.000	17.47	17.50	1.007	0.379	/
		Right	20050	1860.0	2.400	0.379	100.00	1.000	17.47	17.50	1.007	0.382	/
		Top	20050	1860.0	3.160	0.381	100.00	1.000	17.47	17.50	1.007	0.384	/

Limb(0mm Gap)

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 4 (BW: 20MHz)	1RB	Front	20050	1860.0	-4.290	1.494	100.00	1.000	18.66	19.00	1.081	1.615	10#
	50%RB	Front	20050	1860.0	0.860	0.985	100.00	1.000	17.47	17.50	1.007	0.992	/

Body(5mm Gap)

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 5 (BW: 10MHz)	1RB	Front	20450	829.0	-2.980	0.670	100.00	1.000	15.58	16.00	1.102	0.738	11#
		Back	20450	829.0	-2.180	0.518	100.00	1.000	15.58	16.00	1.102	0.571	/
		Right	20450	829.0	-0.170	0.521	100.00	1.000	15.58	16.00	1.102	0.574	/
		Top	20450	829.0	-1.110	0.524	100.00	1.000	15.58	16.00	1.102	0.577	/
	50%RB	Front	20450	829.0	3.060	0.311	100.00	1.000	14.11	14.50	1.094	0.340	/
		Back	20450	829.0	-4.810	0.254	100.00	1.000	14.11	14.50	1.094	0.278	/
		Right	20450	829.0	4.030	0.257	100.00	1.000	14.11	14.50	1.094	0.281	/
		Top	20450	829.0	3.230	0.258	100.00	1.000	14.11	14.50	1.094	0.282	/

Limb(0mm Gap)

Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 5 (BW: 10MHz)	1RB	Front	20450	829.0	-3.890	0.738	100.00	1.000	15.58	16.00	1.102	0.813	12#
	50%RB	Front	20450	829.0	-4.200	0.369	100.00	1.000	14.11	14.50	1.094	0.404	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 7 (BW: 20MHz)	1RB	Front	20850	2510.0	2.360	0.791	100.00	1.000	21.87	22.00	1.030	0.815	/
		Front	21100	2535.0	-0.340	0.986	100.00	1.000	22.15	22.50	1.084	1.069	/
		Front	21350	2560.0	-1.300	1.217	100.00	1.000	22.50	23.00	1.122	1.365	13#
		Front-repeat	21350	2560.0	3.250	1.213	100.00	1.000	22.50	23.00	1.122	1.361	/
		Back	21350	2560.0	-3.190	0.707	100.00	1.000	22.50	23.00	1.122	0.793	/
		Right	21350	2560.0	4.630	0.710	100.00	1.000	22.50	23.00	1.122	0.797	/
	Top	21350	2560.0	3.910	0.711	100.00	1.000	22.50	23.00	1.122	0.798	/	
	Back	21350	2560.0	4.390	0.314	100.00	1.000	21.57	22.00	1.104	0.347	/	
	Right	21350	2560.0	-0.640	0.313	100.00	1.000	21.57	22.00	1.104	0.346	/	
	Top	21350	2560.0	4.440	0.315	100.00	1.000	21.57	22.00	1.104	0.348	/	
Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 7 (BW: 20MHz)	1RB	Front	21350	2560.0	2.160	1.757	100.00	1.000	22.50	23.00	1.122	1.971	14#
	50%RB	Front	21350	2560.0	-3.170	1.344	100.00	1.000	21.57	22.00	1.104	1.484	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 12 (BW: 10MHz)	1RB	Front	23060	704.0	0.920	0.331	100.00	1.000	22.96	23.00	1.009	0.334	15#
		Back	23060	704.0	3.900	0.211	100.00	1.000	22.96	23.00	1.009	0.213	/
		Right	23060	704.0	0.650	0.212	100.00	1.000	22.96	23.00	1.009	0.214	/
		Top	23060	704.0	-0.390	0.214	100.00	1.000	22.96	23.00	1.009	0.216	/
	50%RB	Front	23060	704.0	-4.860	0.209	100.00	1.000	21.92	22.00	1.019	0.213	/
		Back	23060	704.0	-4.220	0.108	100.00	1.000	21.92	22.00	1.019	0.110	/
		Right	23060	704.0	2.480	0.108	100.00	1.000	21.92	22.00	1.019	0.110	/
		Top	23060	704.0	-2.650	0.110	100.00	1.000	21.92	22.00	1.019	0.112	/
Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 12 (BW: 10MHz)	1RB	Front	23060	704.0	-1.430	0.492	100.00	1.000	22.96	23.00	1.009	0.496	16#
	50%RB	Front	23060	704.0	-0.150	0.301	100.00	1.000	21.92	22.00	1.019	0.307	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 13 (BW: 10MHz)	1RB	Front	23230	782.0	-3.750	0.315	100.00	1.000	23.27	23.50	1.054	0.332	17#
		Back	23230	782.0	0.770	0.201	100.00	1.000	23.27	23.50	1.054	0.212	/
		Right	23230	782.0	3.210	0.204	100.00	1.000	23.27	23.50	1.054	0.215	/
		Top	23230	782.0	4.180	0.205	100.00	1.000	23.27	23.50	1.054	0.216	/
	50%RB	Front	23230	782.0	-2.950	0.211	100.00	1.000	22.26	22.50	1.057	0.223	/
		Back	23230	782.0	0.870	0.166	100.00	1.000	22.26	22.50	1.057	0.175	/
		Right	23230	782.0	4.920	0.165	100.00	1.000	22.26	22.50	1.057	0.174	/
		Top	23230	782.0	1.380	0.167	100.00	1.000	22.26	22.50	1.057	0.177	/
Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 13 (BW: 10MHz)	1RB	Front	23230	782.0	-3.660	0.273	100.00	1.000	23.27	23.50	1.054	0.288	18#
	50%RB	Front	23230	782.0	1.310	0.111	100.00	1.000	22.26	22.50	1.057	0.117	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 25 (BW: 20MHz)	1RB	Front	26590	1905.0	-2.760	0.694	100.00	1.000	22.42	22.50	1.019	0.707	19#
		Back	26590	1905.0	0.120	0.493	100.00	1.000	22.42	22.50	1.019	0.502	/
		Right	26590	1905.0	1.640	0.495	100.00	1.000	22.42	22.50	1.019	0.504	/
		Top	26590	1905.0	3.850	0.498	100.00	1.000	22.42	22.50	1.019	0.507	/
	50%RB	Front	26590	1905.0	-2.000	0.411	100.00	1.000	21.48	22.00	1.127	0.463	/
		Back	26590	1905.0	0.410	0.372	100.00	1.000	21.48	22.00	1.127	0.419	/
		Right	26590	1905.0	-3.210	0.374	100.00	1.000	21.48	22.00	1.127	0.421	/
		Top	26590	1905.0	-0.030	0.375	100.00	1.000	21.48	22.00	1.127	0.423	/

Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 25 (BW: 20MHz)	1RB	Front	26590	1905.0	-2.370	0.935	100.00	1.000	22.42	22.50	1.019	0.953	20#
	50%RB	Front	26590	1905.0	-1.450	0.621	100.00	1.000	21.48	22.00	1.127	0.700	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 26 Part 90 (BW:10MHz)	1RB	Front	26740	819.0	-3.540	0.718	100.00	1.000	22.90	23.00	1.023	0.735	21#
		Back	26740	819.0	-1.160	0.529	100.00	1.000	22.90	23.00	1.023	0.541	/
		Right	26740	819.0	3.720	0.531	100.00	1.000	22.90	23.00	1.023	0.543	/
		Top	26740	819.0	3.390	0.534	100.00	1.000	22.90	23.00	1.023	0.546	/
	50%RB	Front	26740	819.0	3.110	0.588	100.00	1.000	21.92	22.00	1.019	0.599	/
		Back	26740	819.0	4.310	0.518	100.00	1.000	21.92	22.00	1.019	0.528	/
		Right	26740	819.0	3.130	0.520	100.00	1.000	21.92	22.00	1.019	0.530	/
		Top	26740	819.0	2.180	0.521	100.00	1.000	21.92	22.00	1.019	0.531	/

Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 26 Part 90 (BW:10MHz)	1RB	Front	26740	819.0	-1.090	0.630	100.00	1.000	22.90	23.00	1.023	0.644	22#
	50%RB	Front	26740	819.0	1.420	0.337	100.00	1.000	21.92	22.00	1.019	0.343	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 26 Part 22 (BW:15MHz)	1RB	Front	26865	831.5	-1.590	0.679	100.00	1.000	22.60	23.00	1.096	0.744	23#
		Back	26865	831.5	-1.570	0.344	100.00	1.000	22.60	23.00	1.096	0.377	/
		Right	26865	831.5	-3.130	0.347	100.00	1.000	22.60	23.00	1.096	0.380	/
		Top	26865	831.5	4.100	0.348	100.00	1.000	22.60	23.00	1.096	0.381	/
	50%RB	Front	26865	831.5	-3.660	0.391	100.00	1.000	21.57	22.00	1.104	0.432	/
		Back	26865	831.5	1.000	0.255	100.00	1.000	21.57	22.00	1.104	0.282	/
		Right	26865	831.5	1.650	0.255	100.00	1.000	21.57	22.00	1.104	0.282	/
		Top	26865	831.5	-0.250	0.256	100.00	1.000	21.57	22.00	1.104	0.283	/

Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 26 Part 22 (BW:15MHz)	1RB	Front	26865	831.5	-1.500	0.645	100.00	1.000	22.60	23.00	1.096	0.707	24#
	50%RB	Front	26865	831.5	-1.550	0.341	100.00	1.000	21.57	22.00	1.104	0.376	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 41 (BW: 20MHz)	1RB	Front	40250	2556.0	-4.820	0.678	100.00	1.000	22.60	23.00	1.096	0.743	25#
		Back	40250	2556.0	-2.250	0.497	100.00	1.000	22.60	23.00	1.096	0.545	/
		Right	40250	2556.0	-3.820	0.498	100.00	1.000	22.60	23.00	1.096	0.546	/
		Top	40250	2556.0	-4.680	0.501	100.00	1.000	22.60	23.00	1.096	0.549	/
	50%RB	Front	40250	2556.0	-2.710	0.547	100.00	1.000	21.67	22.00	1.079	0.590	/
		Back	40250	2556.0	0.050	0.381	100.00	1.000	21.67	22.00	1.079	0.411	/
		Right	40250	2556.0	4.910	0.384	100.00	1.000	21.67	22.00	1.079	0.414	/
		Top	40250	2556.0	-2.170	0.386	100.00	1.000	21.67	22.00	1.079	0.416	/

Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 41 (BW: 20MHz)	1RB	Front	40250	2556.0	4.890	0.617	100.00	1.000	22.60	23.00	1.096	0.676	26#
	50%RB	Front	40250	2556.0	-3.200	0.401	100.00	1.000	21.67	22.00	1.079	0.433	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 66 (BW: 20MHz)	1RB	Front	132072	1720.0	3.560	0.914	100.00	1.000	22.53	23.00	1.114	1.018	/
		Front	132322	1745.0	2.420	0.995	100.00	1.000	22.70	23.00	1.072	1.066	/
		Front	132572	1770.0	0.330	1.047	100.00	1.000	22.72	23.00	1.067	1.117	27#
		Front-repeat	132572	1770.0	-2.350	1.043	100.00	1.000	22.72	23.00	1.067	1.113	/
		Back	132572	1770.0	-4.870	0.745	100.00	1.000	22.72	23.00	1.067	0.795	/
		Right	132572	1770.0	-1.630	0.749	100.00	1.000	22.72	23.00	1.067	0.799	/
		Top	132572	1770.0	0.360	0.746	100.00	1.000	22.72	23.00	1.067	0.796	/
	50%RB	Front	132572	1770.0	-0.420	0.760	100.00	1.000	21.79	22.00	1.050	0.798	/
		Back	132572	1770.0	-0.730	0.394	100.00	1.000	21.79	22.00	1.050	0.414	/
		Right	132572	1770.0	-3.410	0.395	100.00	1.000	21.79	22.00	1.050	0.415	/
		Top	132572	1770.0	0.180	0.398	100.00	1.000	21.79	22.00	1.050	0.418	/

Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 66 (BW: 20MHz)	1RB	Front	132572	1770.0	4.520	1.343	100.00	1.000	22.72	23.00	1.067	1.433	28#
	50%RB	Front	132572	1770.0	4.010	1.015	100.00	1.000	21.79	22.00	1.050	1.066	/

Body(5mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Band 71 (BW: 20MHz)	1RB	Front	133322	683.0	2.360	0.329	100.00	1.000	23.07	23.50	1.104	0.363	29#
		Back	133322	683.0	-3.240	0.227	100.00	1.000	23.07	23.50	1.104	0.251	/
		Right	133322	683.0	1.200	0.230	100.00	1.000	23.07	23.50	1.104	0.254	/
		Top	133322	683.0	0.950	0.232	100.00	1.000	23.07	23.50	1.104	0.256	/
	50%RB	Front	133322	683.0	4.710	0.245	100.00	1.000	22.12	22.50	1.091	0.267	/
		Back	133322	683.0	2.170	0.124	100.00	1.000	22.12	22.50	1.091	0.135	/
		Right	133322	683.0	-0.700	0.125	100.00	1.000	22.12	22.50	1.091	0.136	/
		Top	133322	683.0	-3.720	0.127	100.00	1.000	22.12	22.50	1.091	0.139	/

Limb(0mm Gap)													
Mode	Channel Type	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Band 71 (BW: 20MHz)	1RB	Front	133322	683.0	-1.700	0.245	100.00	1.000	23.07	23.50	1.104	0.270	30#
	50%RB	Front	133322	683.0	-2.990	0.122	100.00	1.000	22.12	22.50	1.091	0.133	/

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
15K N2 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	378000	1890.0	3.130	0.543	100.00	1.000	22.17	22.50	1.079	0.586	31#
		Back	378000	1890.0	-0.270	0.363	100.00	1.000	22.17	22.50	1.079	0.392	/
		Right	378000	1890.0	2.460	0.365	100.00	1.000	22.17	22.50	1.079	0.394	/
		Top	378000	1890.0	-1.870	0.369	100.00	1.000	22.17	22.50	1.079	0.398	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
15K N2 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	378000	1890.0	0.540	0.734	100.00	1.000	22.17	22.50	1.079	0.792	32#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
15K N5 (BW: 20MHz)	DFT-s-OFDM QPSK	Front	167300	836.5	2.340	0.455	100.00	1.000	22.66	23.00	1.081	0.492	33#
		Back	167300	836.5	-0.360	0.291	100.00	1.000	22.66	23.00	1.081	0.315	/
		Right	167300	836.5	-4.560	0.292	100.00	1.000	22.66	23.00	1.081	0.316	/
		Top	167300	836.5	2.960	0.294	100.00	1.000	22.66	23.00	1.081	0.318	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
15K N5 (BW: 20MHz)	DFT-s-OFDM QPSK	Front	167300	836.5	-2.590	0.485	100.00	1.000	22.66	23.00	1.081	0.524	34#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
15K N25 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	379000	1895.0	3.070	0.553	100.00	1.000	22.12	22.50	1.091	0.603	35#
		Back	379000	1895.0	0.210	0.346	100.00	1.000	22.12	22.50	1.091	0.377	/
		Right	379000	1895.0	-0.920	0.345	100.00	1.000	22.12	22.50	1.091	0.376	/
		Top	379000	1895.0	-2.980	0.347	100.00	1.000	22.12	22.50	1.091	0.379	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
15K N25 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	379000	1895.0	-2.640	0.743	100.00	1.000	22.12	22.50	1.091	0.811	36#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
30K N41 (BW: 90MHz)	DFT-s-OFDM QPSK	Front	518201	1860.0	-0.560	0.990	100.00	1.000	23.85	24.00	1.035	1.025	37#
		Front-repeat	518201	1860.0	2.360	0.987	100.00	1.000	23.85	24.00	1.035	1.022	/
		Front	518599	2592.99	-0.350	0.956	100.00	1.000	23.76	24.00	1.057	1.010	/
		Front	519000	2595.0	4.320	0.951	100.00	1.000	23.75	24.00	1.059	1.007	/
		Back	518201	1860.0	-3.030	0.770	100.00	1.000	23.85	24.00	1.035	0.797	/
		Right	518201	1860.0	-0.360	0.771	100.00	1.000	23.85	24.00	1.035	0.798	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
30K N41 (BW: 90MHz)	DFT-s-OFDM QPSK	Front	518201	1860.0	2.790	0.750	100.00	1.000	23.85	24.00	1.035	0.776	38#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
30K N48 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	639334	3590.01	2.350	0.869	100.00	1.000	26.03	26.50	1.114	0.968	/
		Front	641666	3624.99	-3.160	1.152	100.00	1.000	26.77	27.00	1.054	1.214	39#
		Front-repeat	641666	3624.99	1.260	1.150	100.00	1.000	26.77	27.00	1.054	1.213	/
		Front	644000	3660.00	0.350	1.010	100.00	1.000	26.64	27.00	1.086	1.097	/
		Back	641666	3624.99	-0.510	0.753	100.00	1.000	26.77	27.00	1.054	0.794	/
		Right	641666	3624.99	2.070	0.755	100.00	1.000	26.77	27.00	1.054	0.796	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
30K N48 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	641666	3624.99	-4.350	1.169	100.00	1.000	26.77	27.00	1.054	1.232	40#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
15K N66 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	349000	1745.0	-4.120	0.674	100.00	1.000	22.09	22.50	1.099	0.741	41#
		Back	349000	1745.0	-3.250	0.383	100.00	1.000	22.09	22.50	1.099	0.421	/
		Right	349000	1745.0	4.710	0.385	100.00	1.000	22.09	22.50	1.099	0.423	/
		Top	349000	1745.0	2.390	0.386	100.00	1.000	22.09	22.50	1.099	0.424	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
15K N66 (BW: 40MHz)	DFT-s-OFDM QPSK	Front	349000	1745.0	-0.780	1.096	100.00	1.000	22.09	22.50	1.099	1.205	42#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
15K N71 (BW: 20MHz)	DFT-s-OFDM QPSK	Front	137600	688.0	2.610	0.237	100.00	1.000	22.48	22.50	1.005	0.238	43#
		Back	137600	688.0	-0.060	0.100	100.00	1.000	22.48	22.50	1.005	0.101	/
		Right	137600	688.0	-3.460	0.102	100.00	1.000	22.48	22.50	1.005	0.103	/
		Top	137600	688.0	4.790	0.104	100.00	1.000	22.48	22.50	1.005	0.105	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
15K N71 (BW: 20MHz)	DFT-s-OFDM QPSK	Front	137600	688.0	-2.520	0.245	100.00	1.000	22.48	22.50	1.005	0.246	44#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
30K N77a (BW: 100MHz)	DFT-s-OFDM QPSK	Front	662000	3930.0	0.500	0.056	100.00	1.000	27.34	27.50	1.038	0.058	45#
		Back	662000	3930.0	1.990	0.032	100.00	1.000	27.34	27.50	1.038	0.033	/
		Right	662000	3930.0	-2.110	0.035	100.00	1.000	27.34	27.50	1.038	0.036	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
30K N77a (BW: 100MHz)	DFT-s-OFDM QPSK	Front	662000	3930.0	-2.280	0.030	100.00	1.000	27.34	27.50	1.038	0.031	46#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
30K N77d (BW: 100MHz)	DFT-s-OFDM QPSK	Front	633334	3500.01	1.690	0.032	100.00	1.000	25.69	26.00	1.074	0.034	47#
		Back	633334	3500.01	-3.270	0.017	100.00	1.000	25.69	26.00	1.074	0.018	/
		Right	633334	3500.01	-3.890	0.019	100.00	1.000	25.69	26.00	1.074	0.020	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
30K N77d (BW: 100MHz)	DFT-s-OFDM QPSK	Front	633334	3500.01	2.750	0.038	100.00	1.000	25.69	26.00	1.074	0.041	48#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
30K N78a (BW: 100MHz)	DFT-s-OFDM QPSK	Front	650000	3750.0	1.120	0.116	100.00	1.000	26.78	27.00	1.052	0.122	49#
		Back	650000	3750.0	-0.900	0.084	100.00	1.000	26.78	27.00	1.052	0.088	/
		Right	650000	3750.0	0.450	0.087	100.00	1.000	26.78	27.00	1.052	0.092	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
30K N78a (BW: 100MHz)	DFT-s-OFDM QPSK	Front	650000	3750.0	2.780	0.018	100.00	1.000	26.78	27.00	1.052	0.019	50#

Body(5mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
30K N78e (BW: 100MHz)	DFT-s-OFDM QPSK	Front	633334	3500.0	-4.170	0.034	100.00	1.000	21.57	22.00	1.104	0.038	51#
		Back	633334	3500.0	2.330	0.015	100.00	1.000	21.57	22.00	1.104	0.017	/
		Right	633334	3500.0	-4.300	0.016	100.00	1.000	21.57	22.00	1.104	0.018	/
Limb(0mm Gap)													
Mode	Modulation	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
30K N78e (BW: 100MHz)	DFT-s-OFDM QPSK	Front	633334	3500.0	1.470	0.034	100.00	1.000	21.57	22.00	1.104	0.038	52#

Body(5mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
2.4g Wifi (2.4~2.4835)	802.11b	Front	1	2412	-1.220	0.105	100.00	1.000	14.96	15.00	1.009	0.106	/
		Back	1	2412	2.310	0.098	100.00	1.000	14.96	15.00	1.009	0.099	/
		Left	1	2412	3.210	0.099	100.00	1.000	14.96	15.00	1.009	0.100	/
		Bottom	1	2412	-2.830	0.110	100.00	1.000	14.96	15.00	1.009	0.111	53#
Limb(0mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
2.4g Wifi (2.4~2.4835)	802.11b	Bottom	1	2412	1.530	0.038	100.00	1.000	14.96	15.00	1.009	0.038	54#

Body(5mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
U-NII-1 (5.150~5.250)	802.11ac(VHT40)	Front	46	5230	1.240	0.215	100.00	1.000	15.17	15.50	1.079	0.232	/
		Back	46	5230	-3.510	0.208	100.00	1.000	15.17	15.50	1.079	0.224	/
		Left	46	5230	4.250	0.209	100.00	1.000	15.17	15.50	1.079	0.226	/
		Bottom	46	5230	2.710	0.332	100.00	1.000	15.17	15.50	1.079	0.358	55#
Limb(0mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
U-NII-1 (5.150~5.250)	802.11ac(VHT40)	Bottom	46	5230	-1.580	0.302	100.00	1.000	15.17	15.50	1.079	0.326	56#

Body(5mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
U-NII-2a (5.250~5.350)	802.11ac(VHT40)	Front	62	5310	2.350	0.081	100.00	1.000	15.56	16.00	1.107	0.090	/
		Back	62	5310	-0.120	0.078	100.00	1.000	15.56	16.00	1.107	0.086	/
		Left	62	5310	-1.240	0.079	100.00	1.000	15.56	16.00	1.107	0.087	/
		Bottom	62	5310	1.470	0.098	100.00	1.000	15.56	16.00	1.107	0.108	57#
Limb(0mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
U-NII-2a (5.250~5.350)	802.11ac(VHT40)	Bottom	62	5310	-0.740	0.056	100.00	1.000	15.56	16.00	1.107	0.062	58#

Body(5mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
U-NII-2c (5.470~5.725)	802.11ac(VHT40)	Front	134	5670	3.450	0.123	100.00	1.000	15.62	16.00	1.091	0.134	/
		Back	134	5670	-2.650	0.113	100.00	1.000	15.62	16.00	1.091	0.123	/
		Left	134	5670	3.560	0.114	100.00	1.000	15.62	16.00	1.091	0.124	/
		Bottom	134	5670	1.770	0.150	100.00	1.000	15.62	16.00	1.091	0.164	59#
Limb(0mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
U-NII-2c (5.470~5.725)	802.11ac(VHT40)	Bottom	134	5670	-4.600	0.067	100.00	1.000	15.62	16.00	1.091	0.073	60#

Body(5mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	1g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
U-NII-3 (5.725~5.850)	802.11ac(VHT40)	Front	151	5755	-0.130	0.109	100.00	1.000	13.79	14.00	1.050	0.114	/
		Back	151	5755	3.240	0.103	100.00	1.000	13.79	14.00	1.050	0.108	/
		Left	151	5755	-4.120	0.105	100.00	1.000	13.79	14.00	1.050	0.110	/
		Bottom	151	5755	-1.900	0.121	100.00	1.000	13.79	14.00	1.050	0.127	61#
Limb(0mm Gap)													
Band (GHz)	Mode	Position	Ch.	Freq. (MHz)	Power Drift (%)	10g Meas SAR (W/kg)	Duty cycle (%)	Duty cycle Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
U-NII-3 (5.725~5.850)	802.11ac(VHT40)	Bottom	151	5755	-3.940	0.126	100.00	1.000	13.79	14.00	1.050	0.132	62#

Note:

- The maximum SAR Value of each test band is marked bold.
- SAR plot is provided only for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
- Per KDB 447498 D04 v01, for each exposure position, if the highest output power channel Reported SAR $\leq 0.8\text{W/kg}$, other channels SAR testing is not necessary.
- Per KDB 447498 D04 v01, the report SAR is measured SAR value adjusted for maximum tune-up tolerance. Scaling Factor = $10^{[(\text{tune-up limit power (dBm)} - \text{Ave. power power (dBm)})/10]}$, where tune-up limit is the maximum rated power among all production units.
Reported SAR(W/kg)=Measured SAR (W/kg)*Scaling Factor.

11. SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10 , the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 , or when the original or repeated measurement is ≥ 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 , and the original, first or second repeated measurement is ≥ 1.5 W/kg, perform a third repeated measurement.

For 10g SAR, the 10-g Extremity SAR are 2.5 times higher than the 1-g SAR assessment indicated above.

As the above result shows, the highest measured 1g SAR is $1.217 > 0.8$ W/kg and 10g SAR is $1.757 < 2.0$ W/kg, repeated measurement is as below.

Body

Mode	Position	Ch.	Freq. (MHz)	1g Meas SAR (W/kg)	the ratio of largest to smallest SAR for the original and first repeated measurements
WCDMA Band 2	Front	9262	1852.4	1.028	1.002
	Front-repeat	9262	1852.4	1.026	
WCDMA Band 4	Front	1513	1752.6	1.025	1.004
	Front-repeat	1513	1752.6	1.021	
WCDMA Band 5	Front	4183	836.6	1.037	1.002
	Front-repeat	4183	836.6	1.035	
LTE Band 2	Front	18900	1880.0	0.969	1.004
	Front-repeat	18900	1880.0	0.965	
LTE Band 4	Front	20050	1860.0	1.203	1.002
	Front-repeat	20050	1860.0	1.201	
LTE Band 7	Front	21350	2560.0	1.217	1.003
	Front-repeat	21350	2560.0	1.213	
LTE Band 66	Front	132572	1770.0	1.047	1.004
	Front-repeat	132572	1770.0	1.043	
NR Band 41	Front	518201	1860.0	0.990	1.003
	Front-repeat	518201	1860.0	0.987	
NR Band 48	Front	641666	3624.99	1.152	1.002
	Front-repeat	641666	3624.99	1.150	

12. Simultaneous Transmission

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/SAR 10g 4.0 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 10g 4.0 W/kg), SAR test exclusion is determined by the SAR to Peak Location Ratio (SPLSR).

12.1 Simultaneous Transmission Mode Considerations

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. The device has 3 Tx antennas, WWAN main antenna supports WCDMA/LTE/NR, Wifi antenna supports 2.4G/5G Wi-Fi. The 2 antennas can always transmit simultaneously. The work mode combination is showed as below table.

Application Simultaneous Transmission information:

NO.	Configuration	Head	Body-worn
1	WWAN+WIFI(2.4g)	Yes	Yes
2	WWAN+WIFI(5g)	Yes	Yes

12.2 Sum SAR of Simultaneous Transmission

Body

Band	Channel Type	Test Position	Scaled			Σ SAR (W/kg) WWAN + WIFI 2.4G	Σ SAR (W/kg) WWAN + WIFI 5G	SPLSR	Remark
			WWAN	WIFI 2.4G	WIFI 5G				
LTE Band 7	1RB	Front	1.365	0.106	0.232	1.471	1.597	N/A	N/A
		Back	0.793	0.099	0.224	0.892	1.017	N/A	N/A
		Left	/	0.100	0.226	0.100	0.226	N/A	N/A
		Right	0.797	/	/	0.797	0.797	N/A	N/A
		Top	0.798	/	/	0.798	0.798	N/A	N/A
		Bottom	/	0.111	0.358	0.111	0.358	N/A	N/A
	50%RB	Front	0.799	0.106	0.232	0.905	1.031	N/A	N/A
		Back	0.347	0.099	0.224	0.446	0.571	N/A	N/A
		Left	/	0.100	0.226	0.100	0.226	N/A	N/A
		Right	0.346	/	/	0.346	0.346	N/A	N/A
		Top	0.348	/	/	0.348	0.348	N/A	N/A
		Bottom	/	0.111	0.358	0.111	0.358	N/A	N/A

Limb

Band	Channel Type	Test Position	Scaled			Σ SAR (W/kg) WWAN + WIFI 2.4G	Σ SAR (W/kg) WWAN + WIFI 5G	SPLSR	Remark
			WWAN	WIFI 2.4G	WIFI 5G				
LTE Band 7	1RB	Front	1.971	/	/	1.971	1.971	N/A	N/A
		Bottom	/	0.038	0.326	0.038	0.326	N/A	N/A
	50%RB	Front	1.484	/	/	1.484	1.484	N/A	N/A
		Bottom	/	0.038	0.326	0.038	0.326	N/A	N/A

13. Test Equipment List

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
E-Field Probe	MVG	SSE2	0125-EPGO-445	2025/02/01	2026/01/31
6 1/2 Digital Multimeter	Keithley	DMM6500	4527164	2025/10/20	2026/10/19
Wideband Radio Communication Tester	ROHDE & SCHWARZ	CMW500	161997	2025/10/17	2026/10/16
MXG Vector Signal Generator	Agilent	N5182A	MY46240163	2025/10/17	2026/10/16
E-Series Avg. Power Sensor	KEYSIGHT	E9300A	MY55050017	2025/04/02	2026/04/01
EPM Series Power Meter	KEYSIGHT	E4418B	MY41293435	2025/04/02	2026/04/01
MXA Signal Analyzer	KEYSIGHT	N9020A	MY54410409	2025/10/17	2026/10/16
Low Noise Amplifier	Tongyue	N/A	N/A	2025/07/30	2026/07/29
Coupler	MERRIMAC	CWM-10R-10.8G	LOT-83391	N/A	N/A
750MHz Validation Dipole	MVG	SID750	07/22 DIP 0G750-655	2025/05/26	2028/05/25
835MHz Validation Dipole	MVG	SID835	07/22 DIP 0G835-656	2025/05/26	2028/05/25
1800MHz Validation Dipole	MVG	SID1800	07/22 DIP 1G800-657	2025/05/26	2028/05/25
1900MHz Validation Dipole	MVG	SID1900	07/22 DIP 1G900-658	2025/05/26	2028/05/25
2450MHz Validation Dipole	MVG	SID2450	07/22 DIP 2G450-662	2025/05/26	2028/05/25
2600MHz Validation Dipole	MVG	SID2600	07/22 DIP 2G600-663	2025/05/26	2028/05/25
3500MHz Validation Dipole	MVG	SID3500	07/22 DIP 3G500-664	2025/05/26	2028/05/25
3700MHz Validation Dipole	MVG	SID3700	07/22 DIP 3G700-665	2025/05/26	2028/05/25
3900MHz Validation Dipole	MVG	SID3900	07/22 DIP3G900-666	2025/05/26	2028/05/25
5200MHz-5800MHz Validation Dipole	MVG	SID5000	07/22 DIP5G000-670	2025/05/26	2028/05/25
LIMESAR Dielectric Probe	MVG	SCLMP	06/22 OCPG88	2025/02/05	2026/02/04
ENA Series Network Analyzer	Agilent	E5071B	MY42301221	2025/10/17	2026/10/16
Thermometer	Riters	DT-232	21A11	2025/04/02	2026/04/01
Antenna network emulator	MVG	ANTA 74	07/22 ANTA 74	N/A	N/A
SAM Phantom	MVG	SAM	07/22 SAM149	N/A	N/A
Mobile Phone Positioning System	MVG	MSH 118	07/22 MSH 118	N/A	N/A
Mechanical Calibration Kit	PNA	N/A	N/A	2025/10/21	2026/10/20
Open SAR test software	MVG	N/A	V5.3.5	N/A	N/A

Note: For dipole antennas, BTF has adopted 3 years as calibration intervals, and on annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss in within 20% of calibrated measurement.
4. Impedance (real or imaginary parts) in within 5 Ohms of calibrated measurement.

ANNEX A Simulating Liquid Verification Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using an SCLMP Dielectric Probe Kit.

Dielectric performance of tissue simulating liquid									
Frequency (MHz)	ϵ_r		σ (s/m)		Delta (ϵ_r)	Delta (σ)	Limit	Temp (°C)	Date
	Target	Measured	Target	Measured					
750	41.90	42.19	0.89	0.89	0.69%	0.00%	±5%	20.9	12/10/2025
835	41.50	41.78	0.90	0.91	0.67%	1.11%	±5%	21.5	14/10/2025
1800	40.00	40.02	1.40	1.42	0.05%	1.43%	±5%	22.1	16/10/2025
1900	40.00	39.59	1.40	1.46	-1.02%	4.29%	±5%	21.8	18/10/2025
2450	39.20	38.82	1.80	1.78	-0.97%	-1.11%	±5%	22.3	19/10/2025
2600	39.00	38.63	1.96	1.95	-0.95%	-0.51%	±5%	22.3	19/10/2025
3500	37.90	37.91	2.91	2.96	0.03%	1.72%	±5%	21.9	23/10/2025
3700	37.70	37.67	3.12	3.22	-0.08%	3.21%	±5%	21.9	23/10/2025
3900	37.50	37.55	3.33	3.34	0.13%	0.30%	±5%	22.3	19/10/2025
5200	36.00	36.34	4.66	4.56	0.94%	-2.15%	±5%	21.6	26/10/2025
5400	35.80	35.91	4.86	4.91	0.31%	1.03%	±5%	20.9	27/10/2025
5600	35.50	35.57	5.07	5.09	0.20%	0.39%	±5%	21.8	29/10/2025
5800	35.30	35.32	5.27	5.37	0.06%	1.90%	±5%	21.7	30/10/2025

NOTE: The dielectric parameters of the tissue-equivalent liquid should be measured under similar ambient conditions and within 2 °C of the conditions expected during the SAR evaluation to satisfy protocol requirements.

ANNEX B System Check Result

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

Frequency (MHz)	Input Power (mW)	10g SAR (W/Kg)	1g SAR (W/Kg)	10g SAR 1W input power normalized (W/Kg)	1g SAR 1W input power normalized (W/Kg)	10g SAR Standard target (1W) (W/Kg)	1g SAR Standard target (1W) (W/Kg)	10g SAR Deviation	1g SAR Deviation
750	100	0.526	0.792	5.26	7.92	5.55	8.41	-5.23%	-5.83%
835	100	0.659	0.992	6.59	9.92	6.12	9.46	7.68%	4.86%
1800	100	1.983	3.640	19.83	36.40	19.83	37.93	0.00%	-4.03%
1900	100	2.290	4.295	22.90	42.95	20.82	40.29	9.99%	6.60%
2450	100	2.645	5.534	26.45	55.34	24.55	52.72	7.74%	4.97%
2600	100	2.539	5.294	25.39	52.94	24.43	53.76	3.93%	-1.53%
3500	100	2.673	6.711	26.73	67.11	24.91	63.35	7.31%	5.94%
3700	100	2.616	6.672	26.16	66.72	25.25	65.26	3.60%	2.24%
3900	100	2.700	7.518	27.00	75.18	25.57	69.16	5.59%	8.70%
5200	100	2.505	8.415	25.05	84.15	22.78	78.16	9.96%	7.66%
5400	100	2.224	7.465	22.24	74.65	22.55	78.64	-1.37%	-5.07%
5600	100	2.521	8.373	25.21	83.73	23.95	82.72	5.26%	1.22%
5800	100	2.451	8.238	24.51	82.38	22.71	78.32	7.93%	5.18%

System Performance Check Data (750 MHz)

System check at 750 MHz

Date of measurement: 12/10/2025

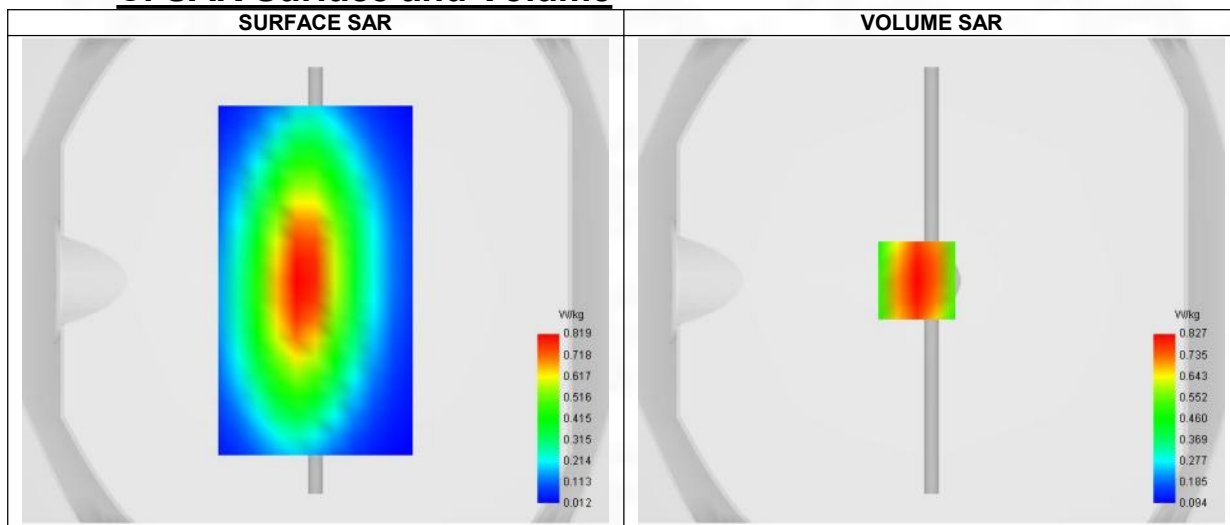
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	750.000
Relative permittivity (real part)	42.192
Relative permittivity (imaginary part)	21.638
Conductivity (S/m)	0.892

C. SAR Surface and Volume



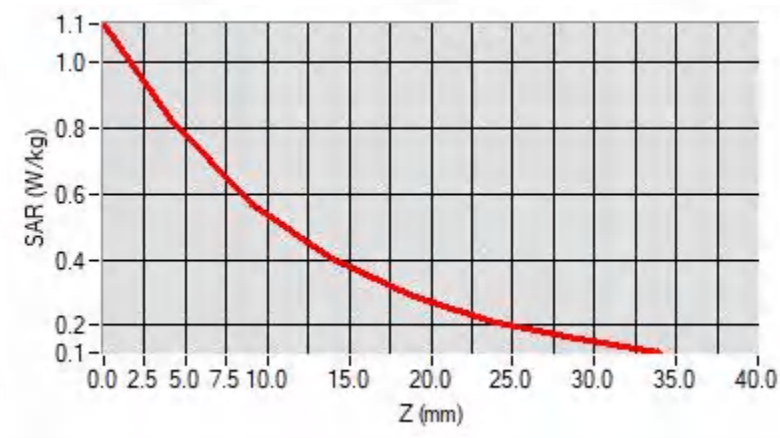
Maximum location: X=-6.00, Y=0.00 ; SAR Peak: 1.12 W/kg

D. SAR 1g & 10g

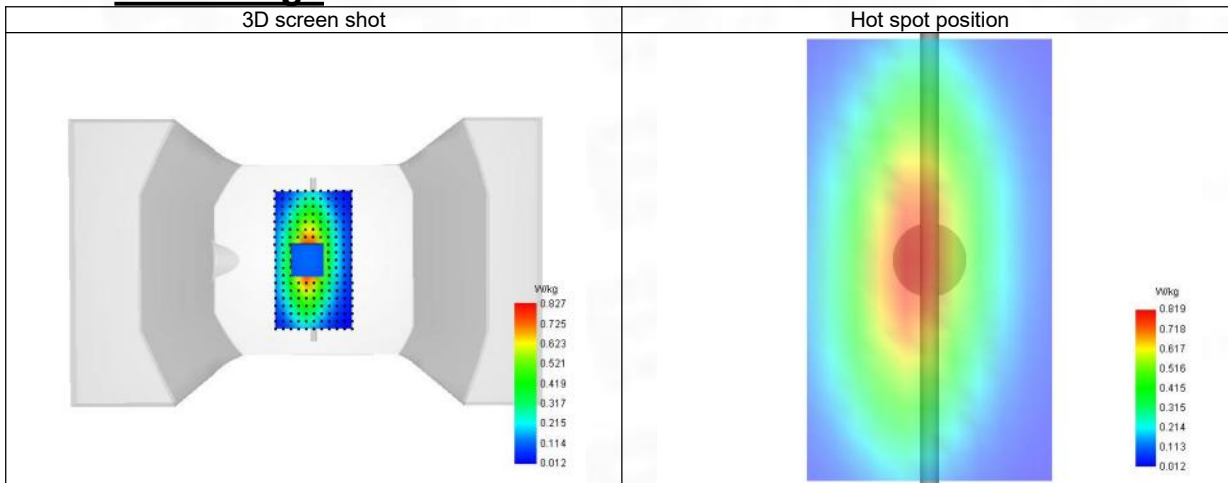
SAR 10g (W/Kg)	0.526
SAR 1g (W/Kg)	0.792
Variation (%)	-0.990
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.994237

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.116	0.827	0.570	0.405	0.289	0.211	0.158



F. 3D Image



System Performance Check Data (835 MHz)

System check at 835 MHz

Date of measurement: 14/10/2025

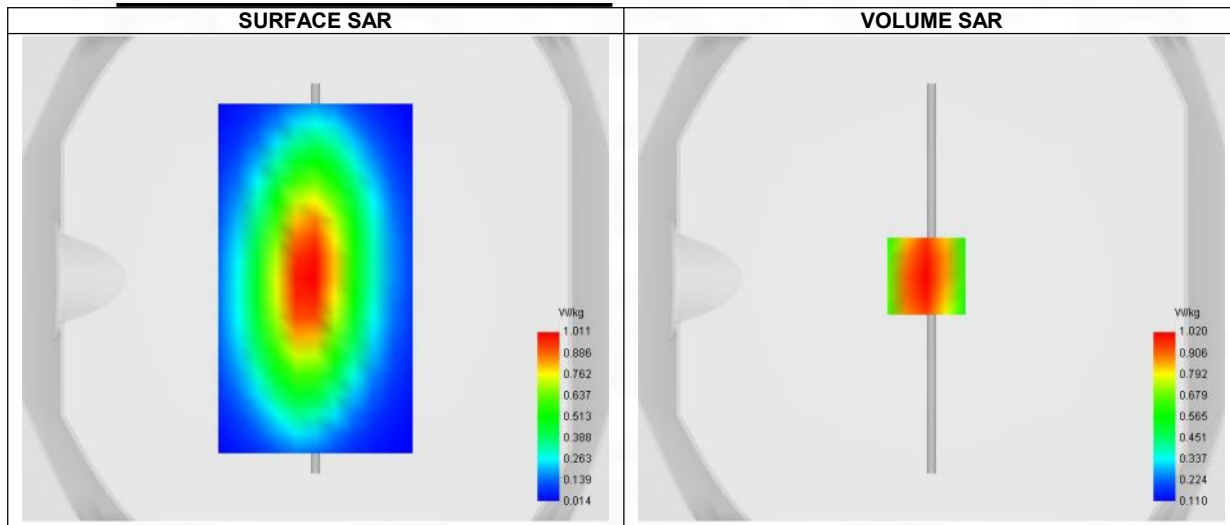
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	835.000
Relative permittivity (real part)	41.783
Relative permittivity (imaginary part)	19.835
Conductivity (S/m)	0.914

C. SAR Surface and Volume



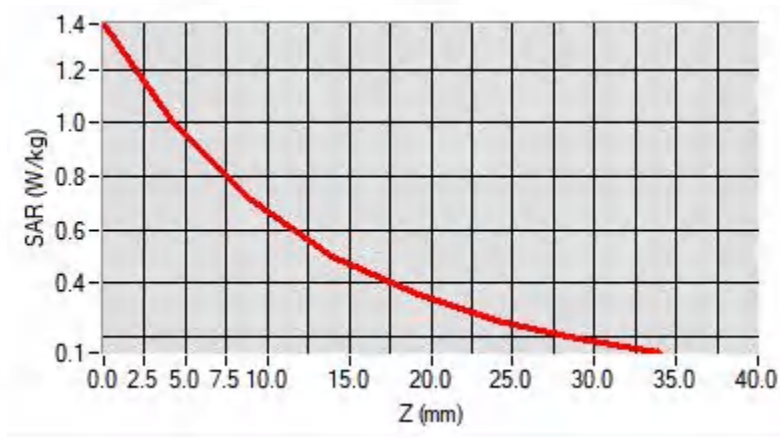
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 1.37 W/kg

D. SAR 1g & 10g

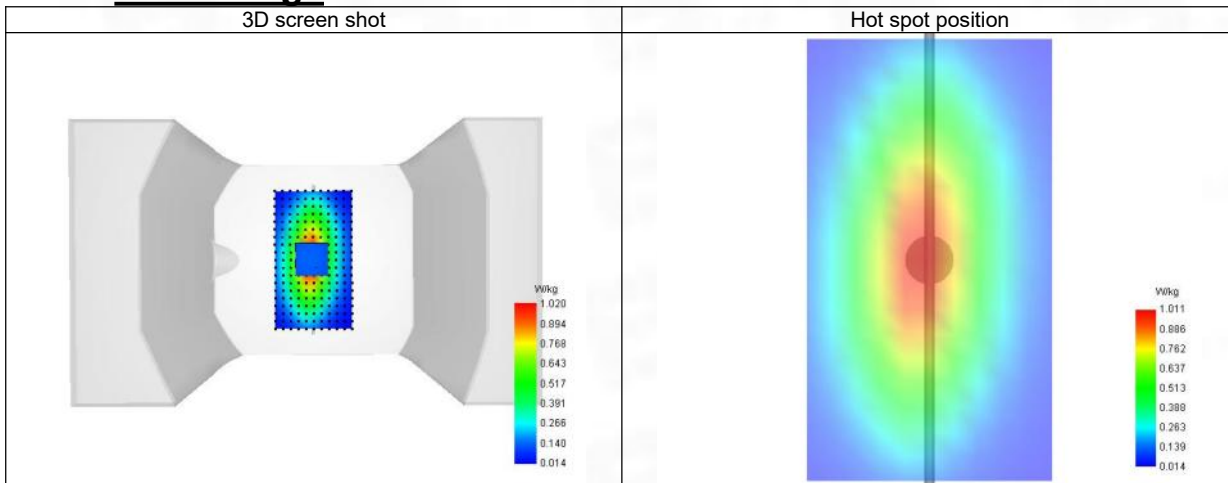
SAR 10g (W/Kg)	0.659
SAR 1g (W/Kg)	0.992
Variation (%)	-2.350
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	69.691767

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.370	1.020	0.711	0.503	0.363	0.262	0.191



F. 3D Image



System Performance Check Data (1800 MHz)

System check at 1800 MHz

Date of measurement: 16/10/2025

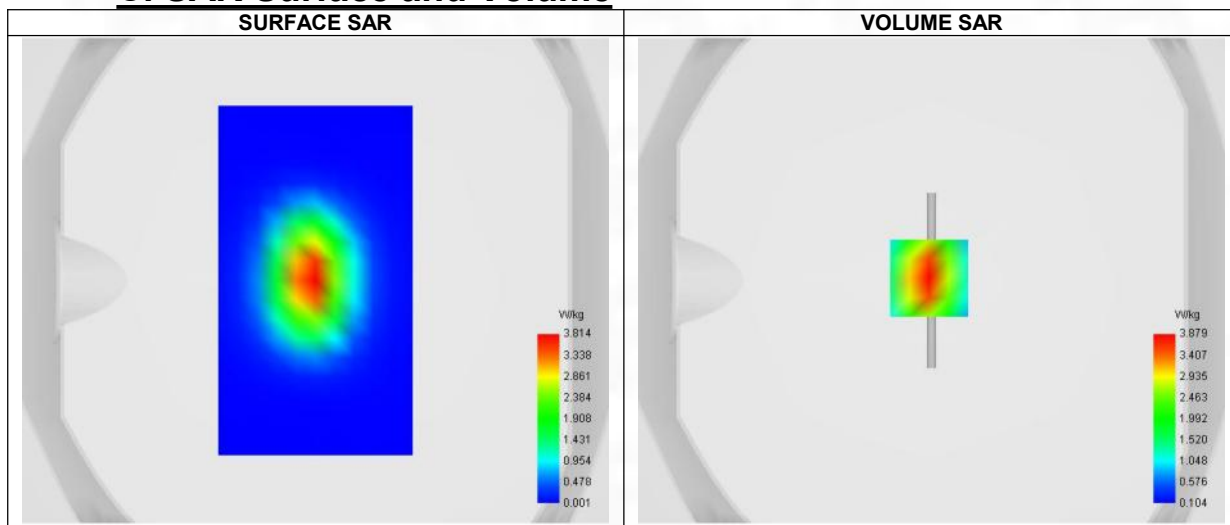
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	1800.000
Relative permittivity (real part)	40.022
Relative permittivity (imaginary part)	14.081
Conductivity (S/m)	1.421

C. SAR Surface and Volume



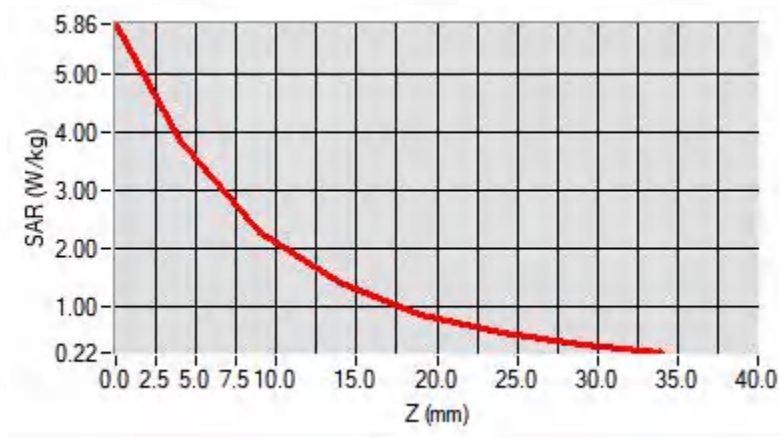
Maximum location: X=-1.00, Y=1.00 ; SAR Peak: 5.84 W/kg

D. SAR 1g & 10g

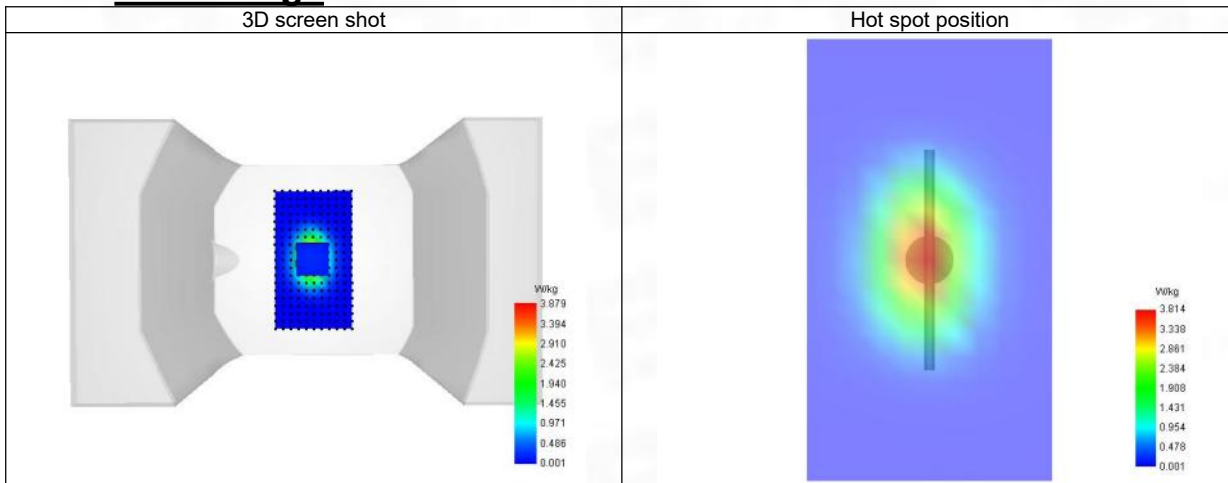
SAR 10g (W/Kg)	1.983
SAR 1g (W/Kg)	3.640
Variation (%)	-3.060
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.256611

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.856	3.879	2.299	1.407	0.874	0.548	0.345



F. 3D Image



System Performance Check Data (1900 MHz)

System check at 1900 MHz

Date of measurement: 18/10/2025

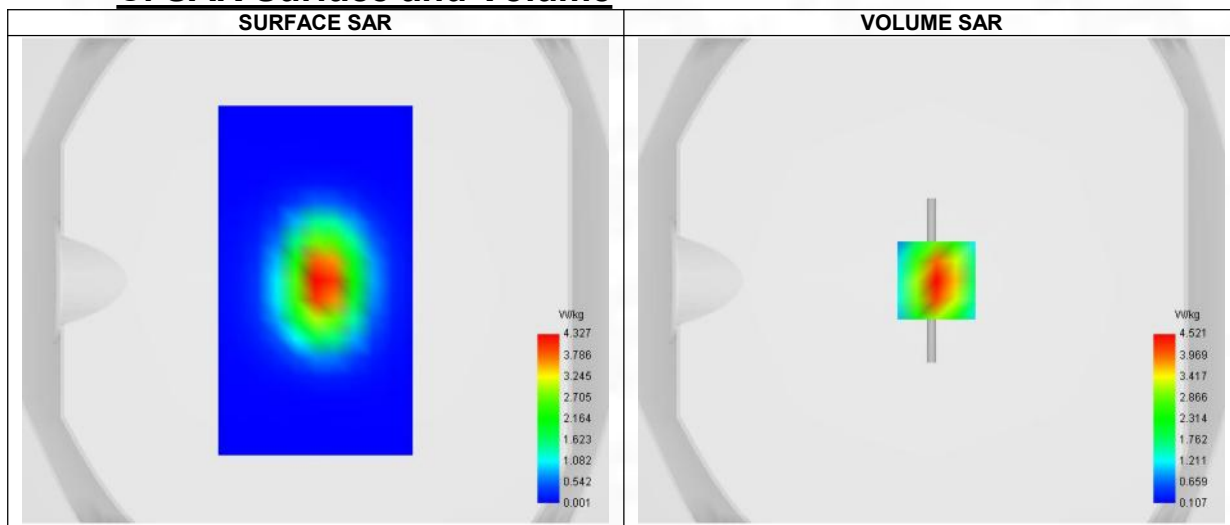
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	1900.000
Relative permittivity (real part)	39.591
Relative permittivity (imaginary part)	13.272
Conductivity (S/m)	1.462

C. SAR Surface and Volume



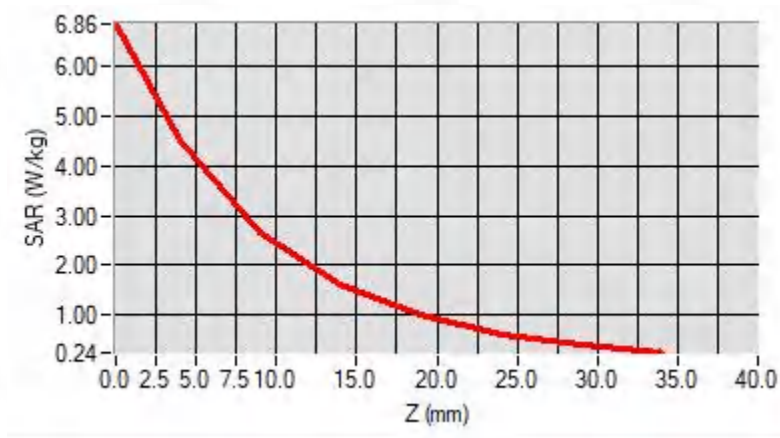
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 6.86 W/kg

D. SAR 1g & 10g

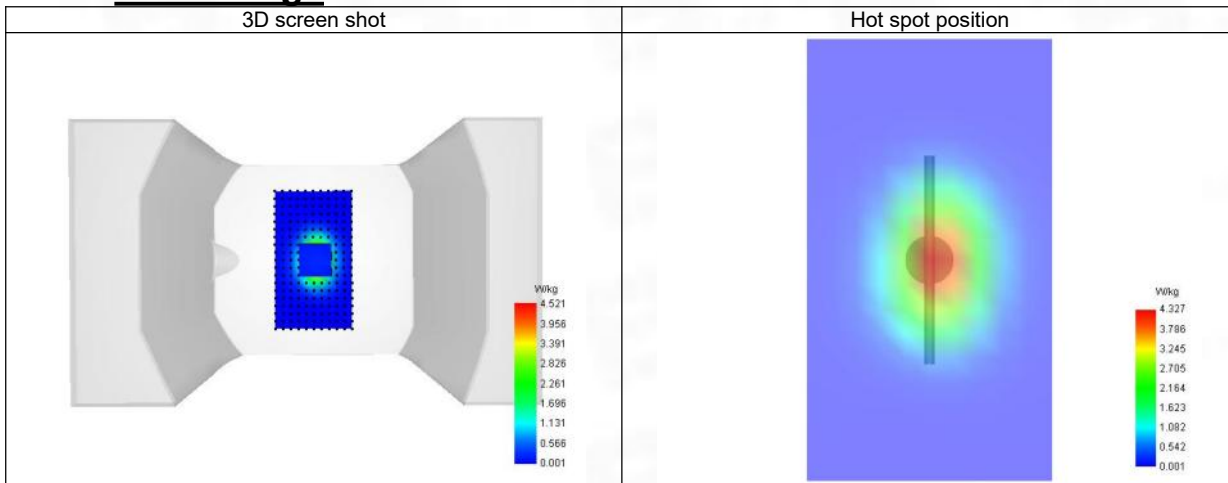
SAR 10g (W/Kg)	2.290
SAR 1g (W/Kg)	4.295
Variation (%)	1.750
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.787498

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.856	4.521	2.658	1.606	0.992	0.615	0.386



F. 3D Image



System Performance Check Data (2450 MHz)

System check at 2450 MHz

Date of measurement: 19/10/2025

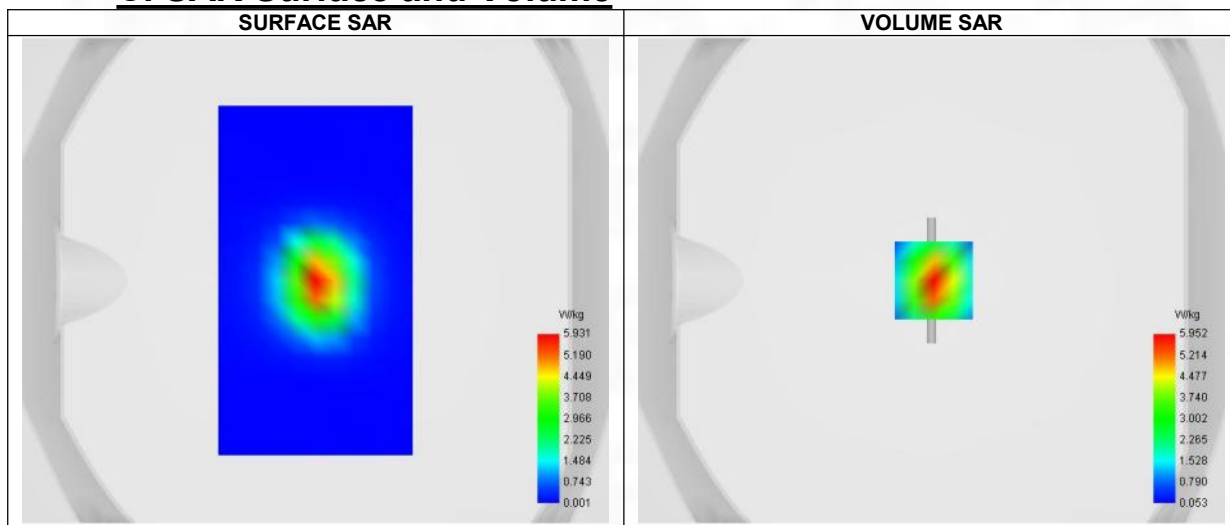
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.40
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	2450.000
Relative permittivity (real part)	38.821
Relative permittivity (imaginary part)	13.329
Conductivity (S/m)	1.783

C. SAR Surface and Volume



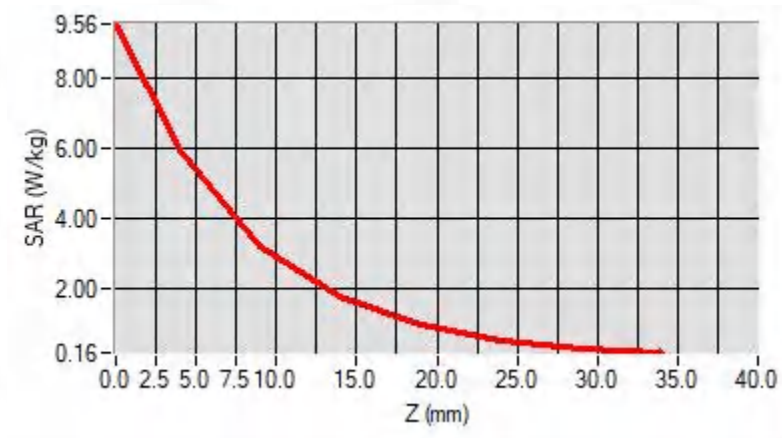
Maximum location: X=1.00, Y=0.00 ; SAR Peak: 9.50 W/kg

D. SAR 1g & 10g

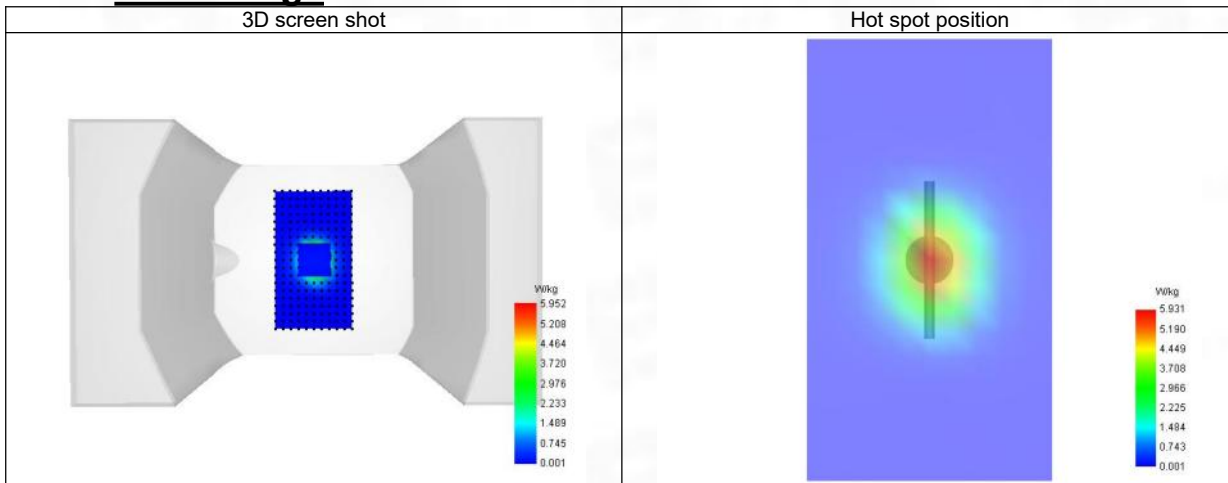
SAR 10g (W/Kg)	2.645
SAR 1g (W/Kg)	5.534
Variation (%)	-1.200
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.352510

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.565	5.952	3.175	1.743	0.948	0.532	0.293



F. 3D Image



System Performance Check Data (2600 MHz)

System check at 2600 MHz

Date of measurement: 19/10/2025

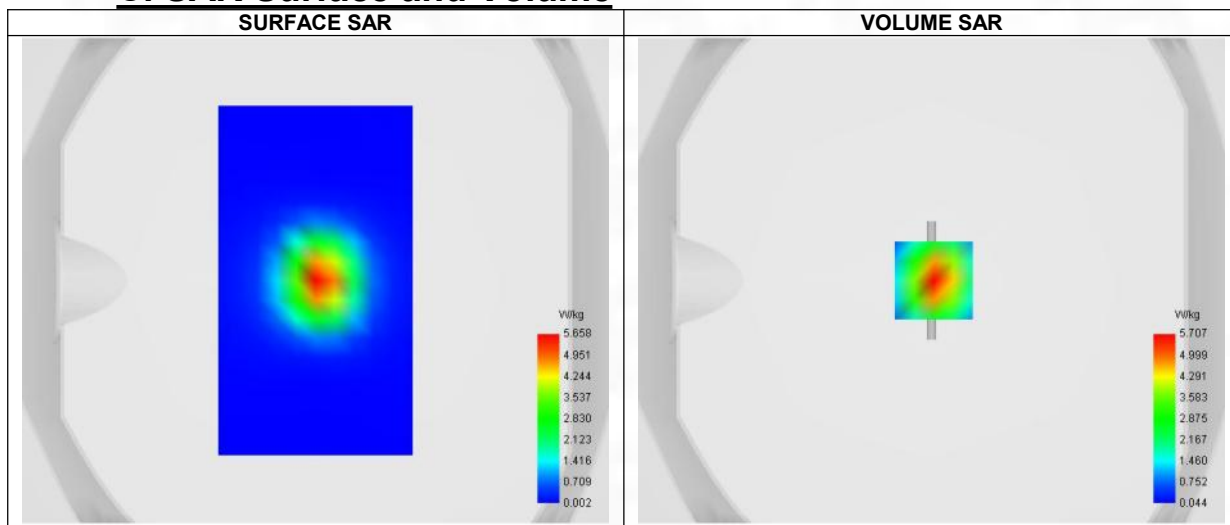
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	2600.000
Relative permittivity (real part)	38.634
Relative permittivity (imaginary part)	12.636
Conductivity (S/m)	1.951

C. SAR Surface and Volume



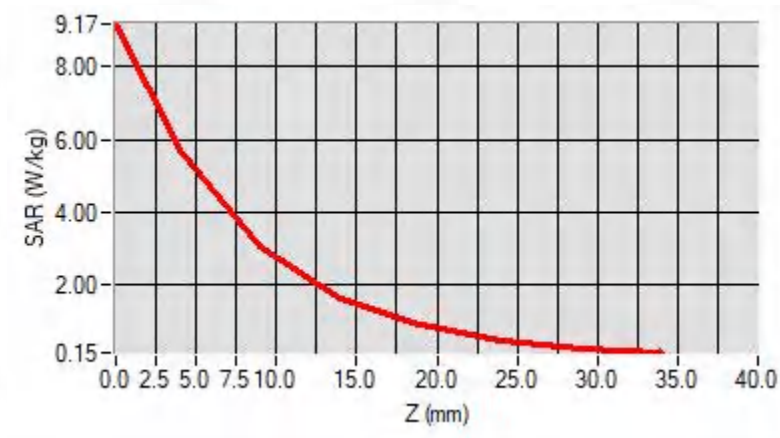
Maximum location: X=1.00, Y=0.00 ; SAR Peak: 9.15 W/kg

D. SAR 1g & 10g

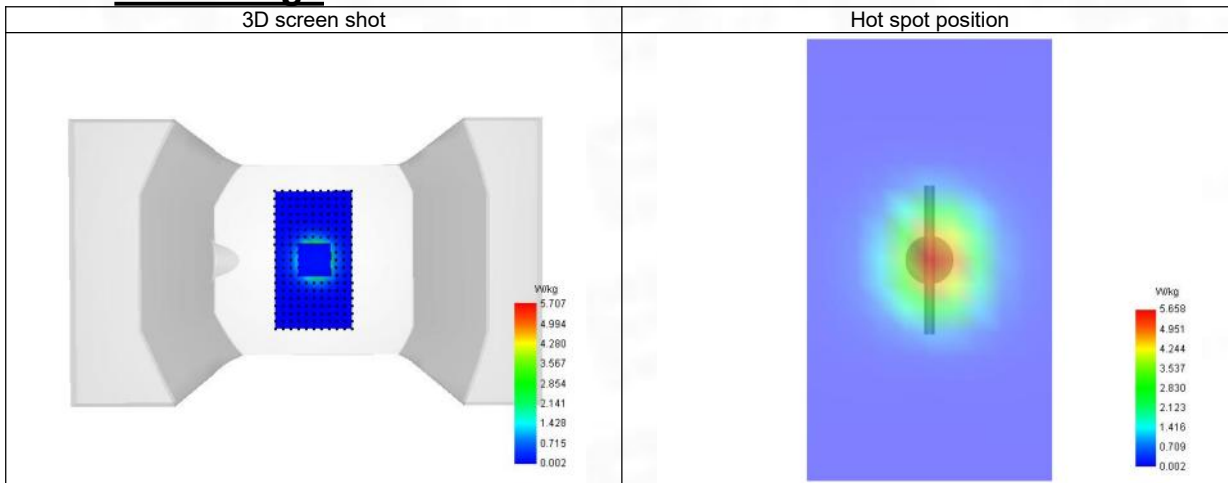
SAR 10g (W/Kg)	2.539
SAR 1g (W/Kg)	5.294
Variation (%)	-1.140
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.293278

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.174	5.707	3.041	1.642	0.892	0.476	0.259



F. 3D Image



System Performance Check Data (3500 MHz)

System check at 3500 MHz

Date of measurement: 23/10/2025

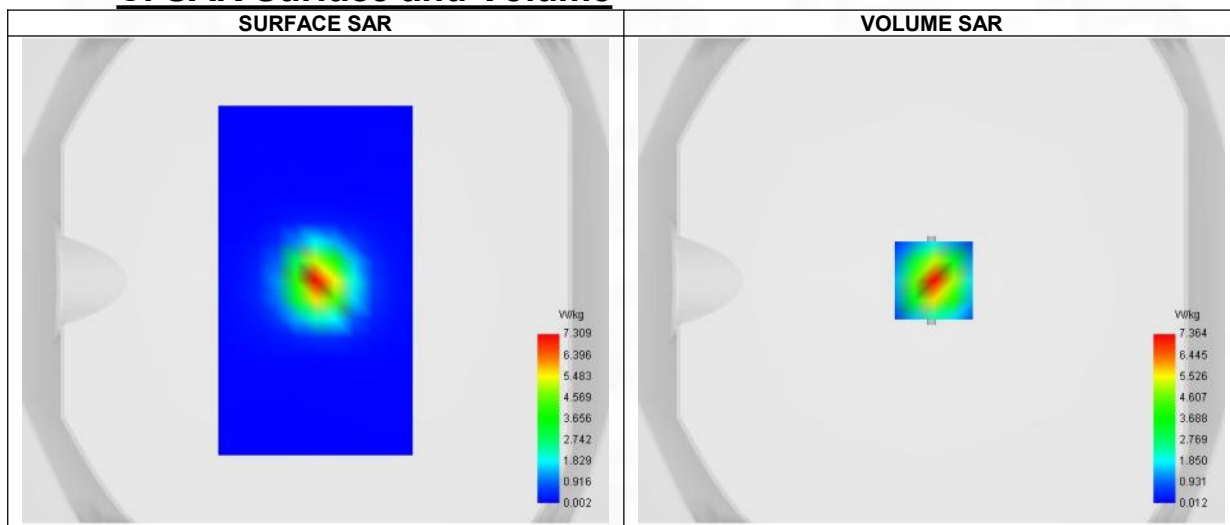
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW3500
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	3500.000
Relative permittivity (real part)	37.841
Relative permittivity (imaginary part)	13.887
Conductivity (S/m)	2.854

C. SAR Surface and Volume



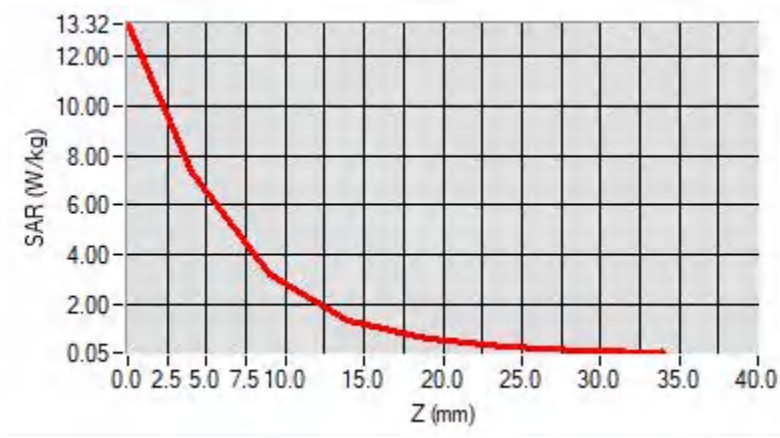
Maximum location: X=1.00, Y=0.00 ; SAR Peak: 13.14 W/kg

D. SAR 1g & 10g

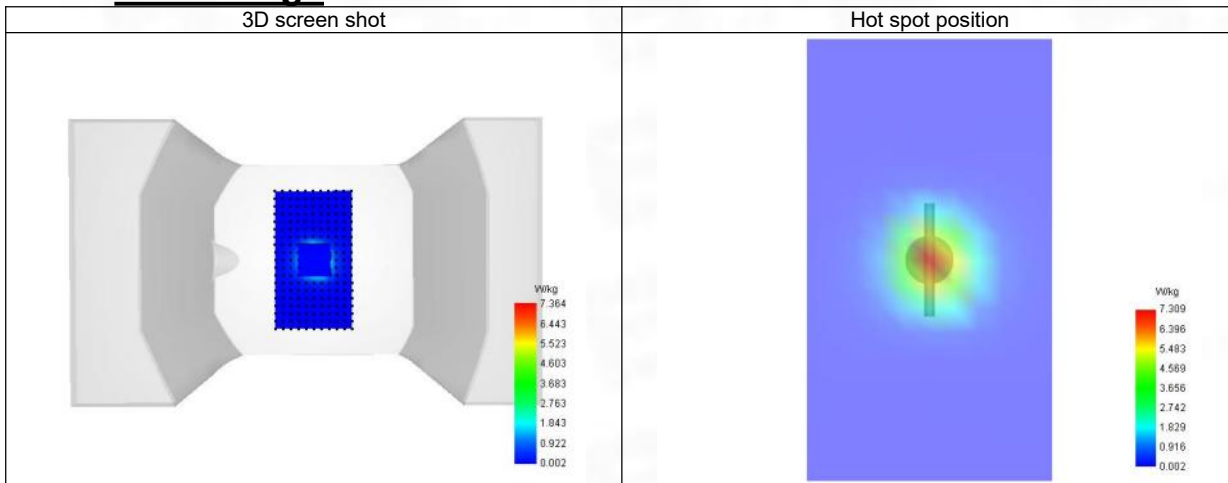
SAR 10g (W/Kg)	2.673
SAR 1g (W/Kg)	6.711
Variation (%)	2.310
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	43.210050

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	13.315	7.364	3.182	1.377	0.601	0.257	0.110



F. 3D Image



System Performance Check Data (3700 MHz)

System check at 3700 MHz

Date of measurement: 23/10/2025

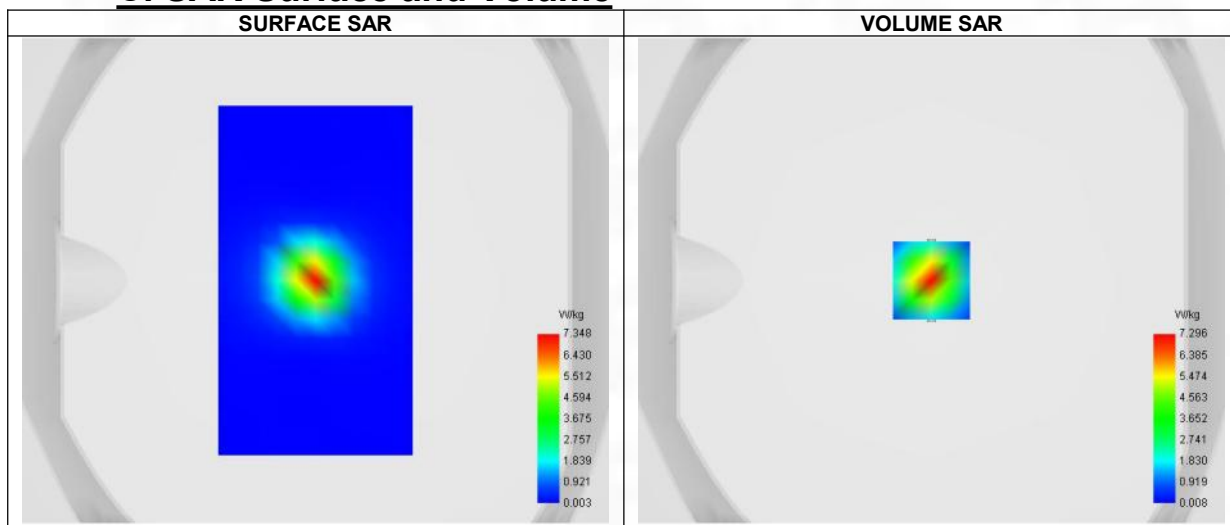
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW3700
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	3700.000
Relative permittivity (real part)	37.664
Relative permittivity (imaginary part)	14.165
Conductivity (S/m)	3.055

C. SAR Surface and Volume



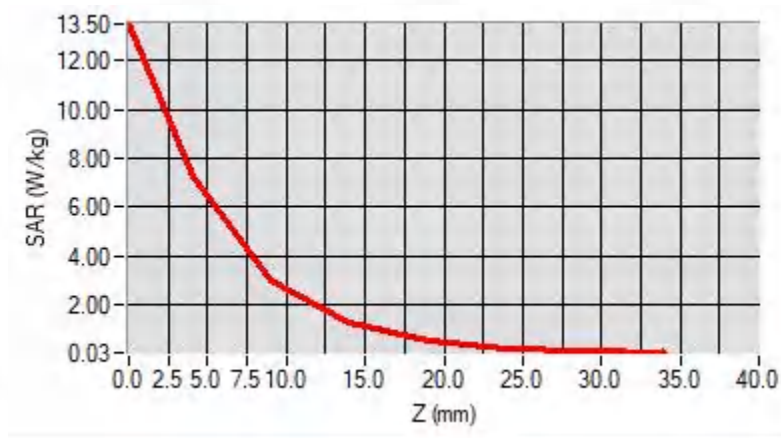
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 13.40 W/kg

D. SAR 1g & 10g

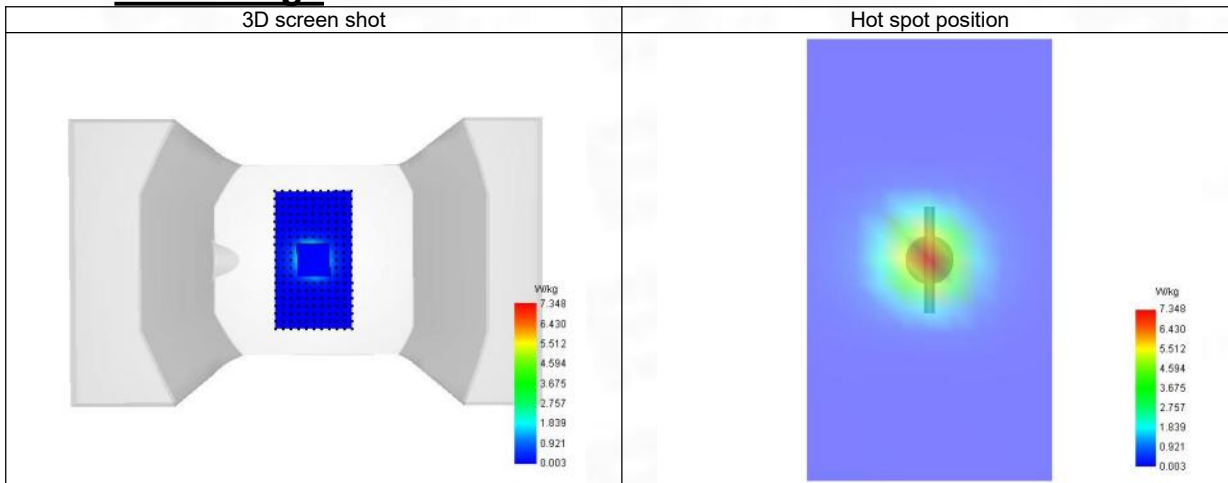
SAR 10g (W/Kg)	2.616
SAR 1g (W/Kg)	6.672
Variation (%)	-0.160
Horizontal validation criteria: minimum distance (mm)	16.00000
Vertical validation criteria: SAR ratio M2/M1 (%)	41.179491

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	13.503	7.296	3.004	1.240	0.506	0.206	0.081



F. 3D Image



System Performance Check Data (3900 MHz)

System check at 3900 MHz

Date of measurement: 19/10/2025

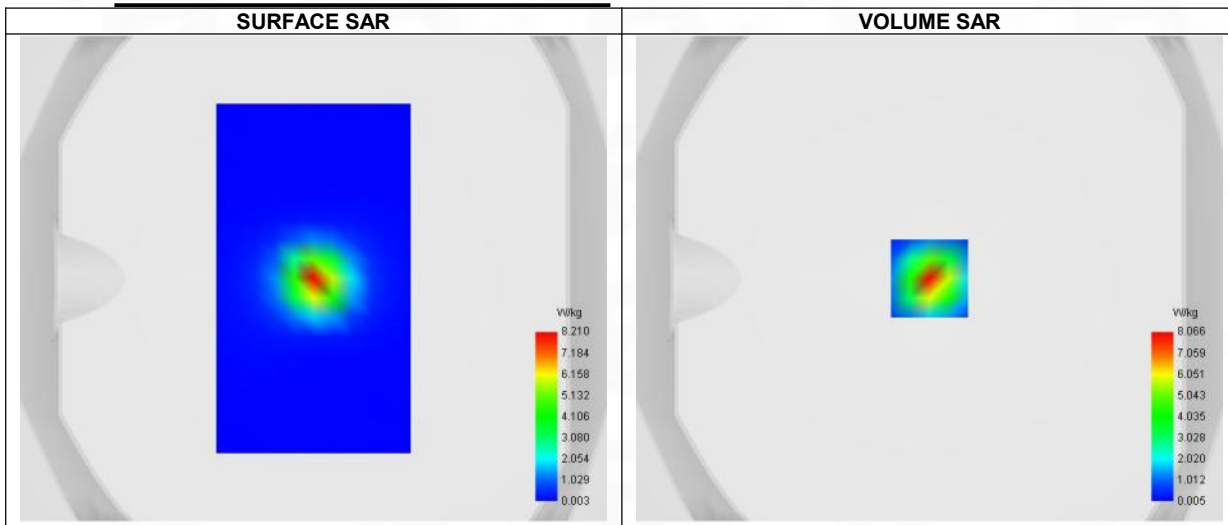
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW3900
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	3900.000
Relative permittivity (real part)	37.488
Relative permittivity (imaginary part)	14.444
Conductivity (S/m)	3.256

C. SAR Surface and Volume



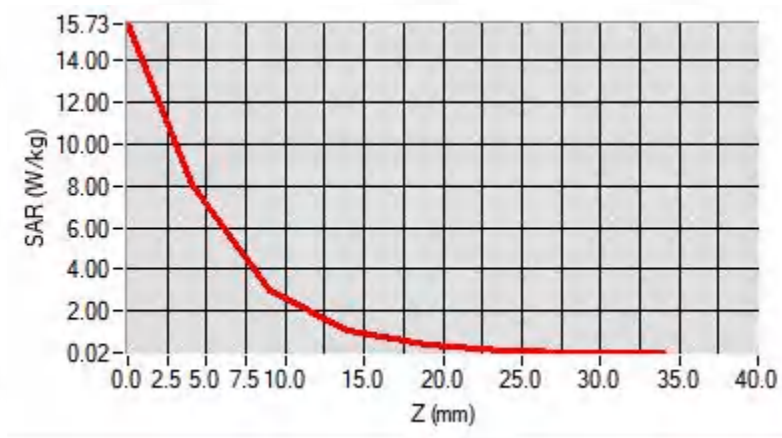
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 15.63 W/kg

D. SAR 1g & 10g

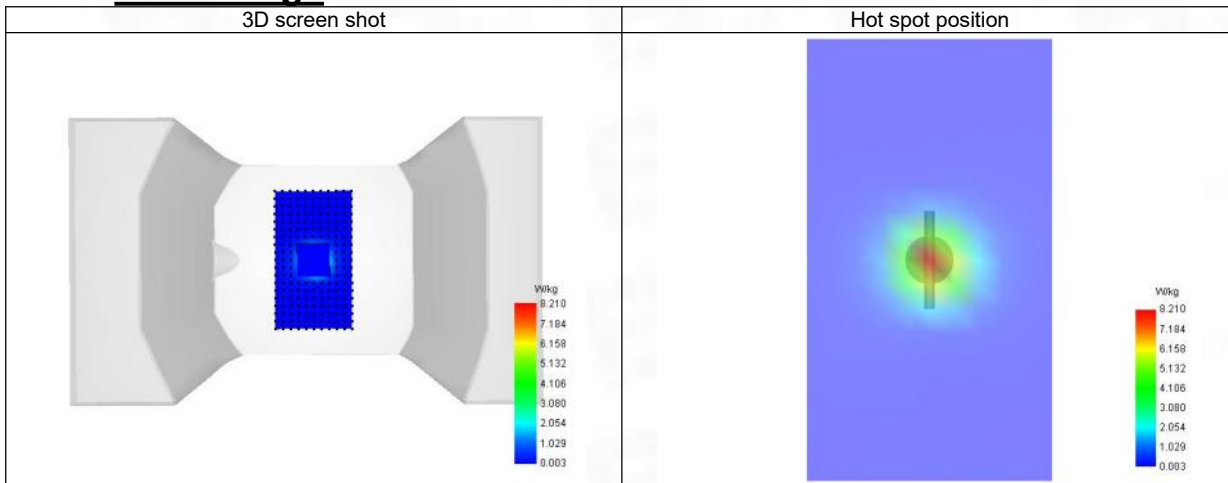
SAR 10g (W/Kg)	2.700
SAR 1g (W/Kg)	7.518
Variation (%)	-1.660
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	36.785658

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	15.731	8.066	2.967	1.079	0.399	0.152	0.061



F. 3D Image



System Performance Check Data (5200 MHz)

System check at 5200 MHz

Date of measurement: 26/10/2025

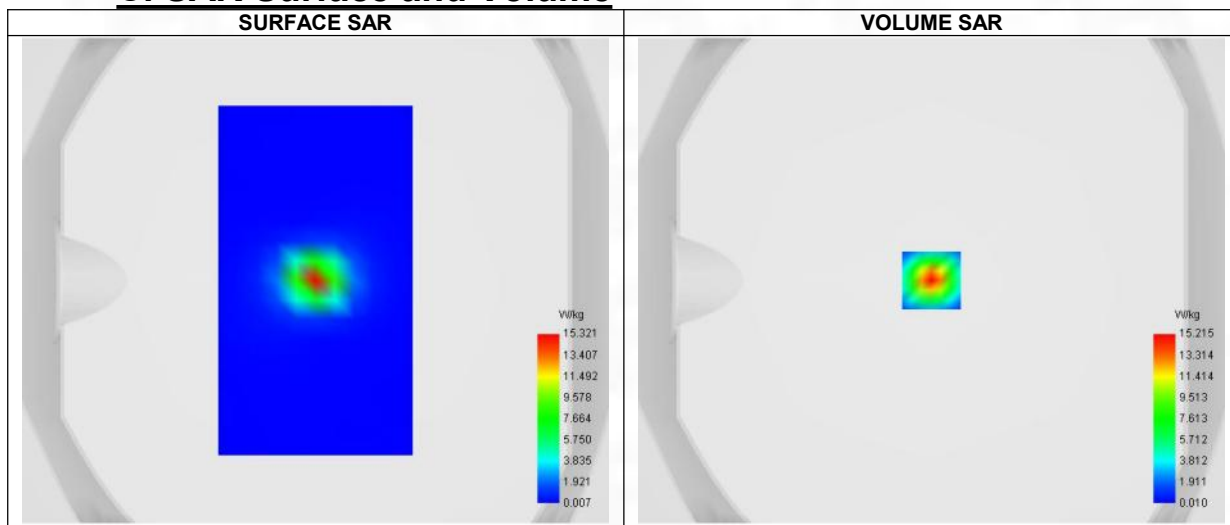
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.18
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5200.000
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	4.561

C. SAR Surface and Volume



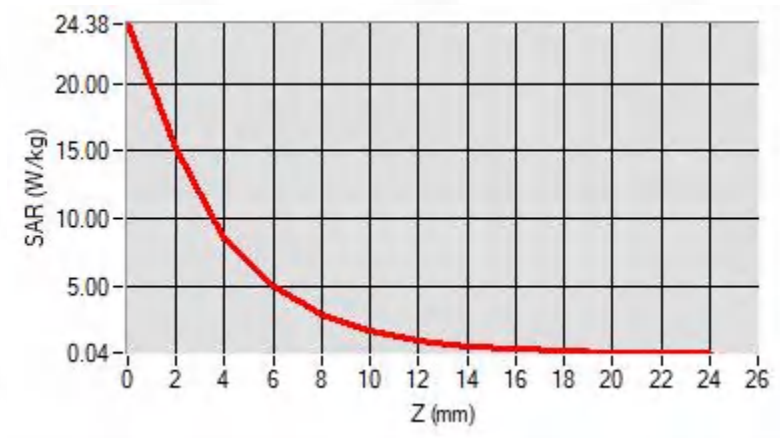
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 25.40 W/kg

D. SAR 1g & 10g

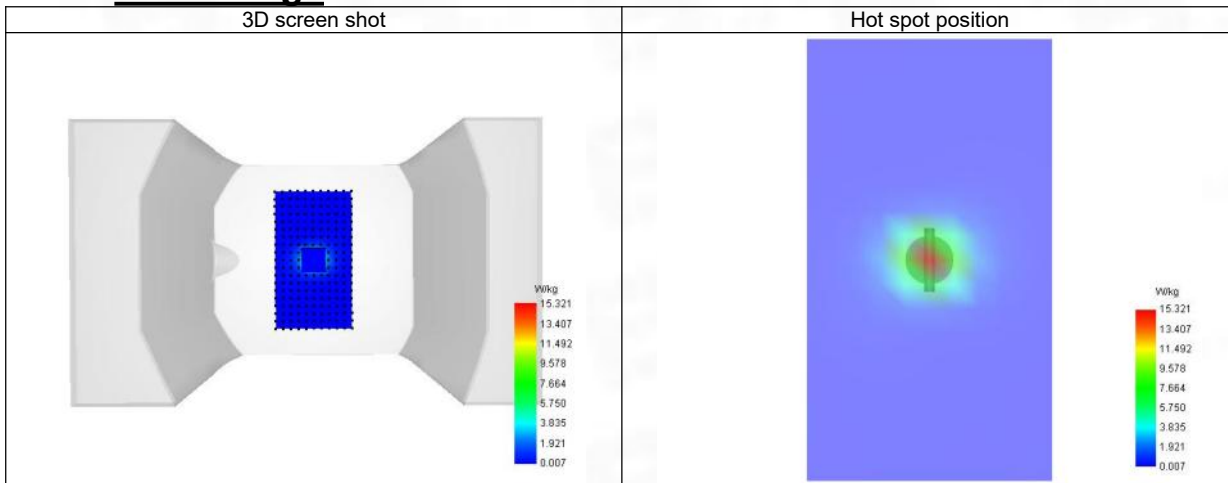
SAR 10g (W/Kg)	2.505
SAR 1g (W/Kg)	8.415
Variation (%)	1.580
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.190650

E. 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)	24.383	15.215	8.549	4.934	2.790	1.602	0.933	0.510	0.298	0.179	0.095	0.048



F. 3D Image



System Performance Check Data (5400 MHz)

System check at 5400 MHz

Date of measurement: 27/10/2025

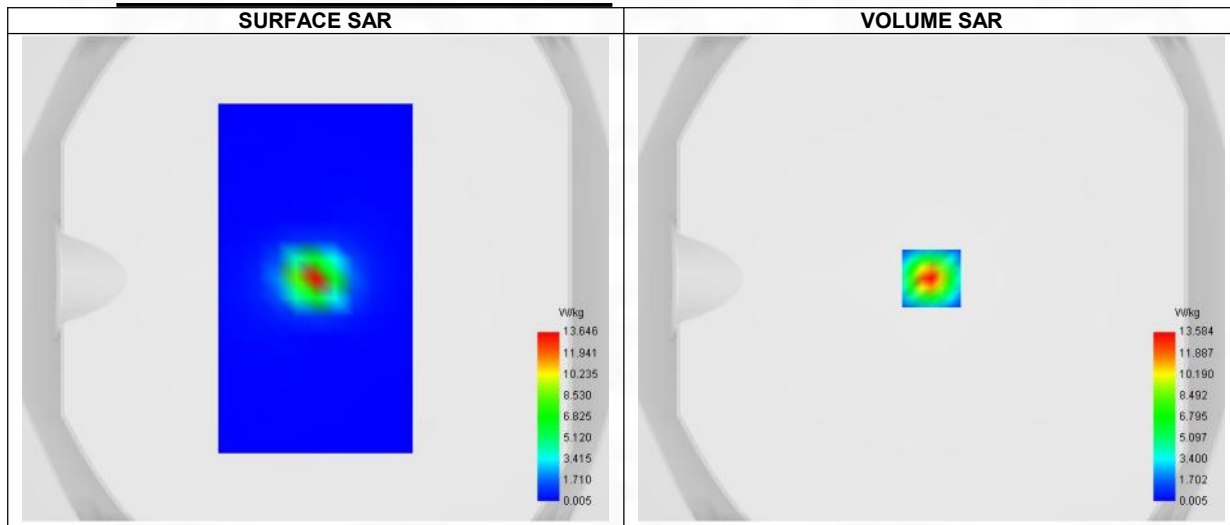
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	CW5400
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5400.000
Relative permittivity (real part)	35.913
Relative permittivity (imaginary part)	16.319
Conductivity (S/m)	4.913

C. SAR Surface and Volume



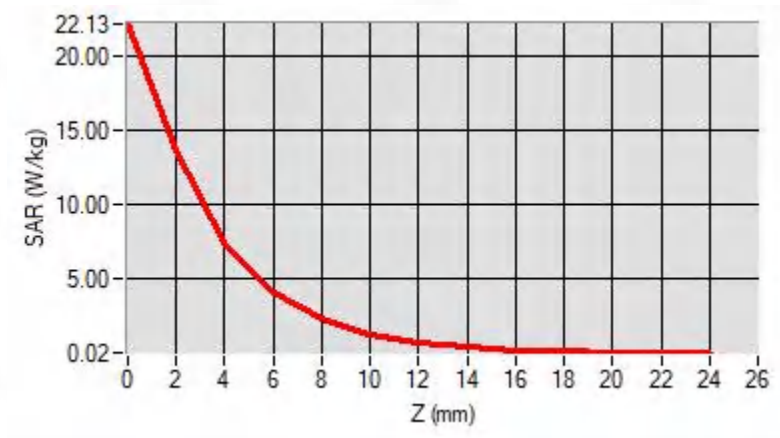
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 23.23 W/kg

D. SAR 1g & 10g

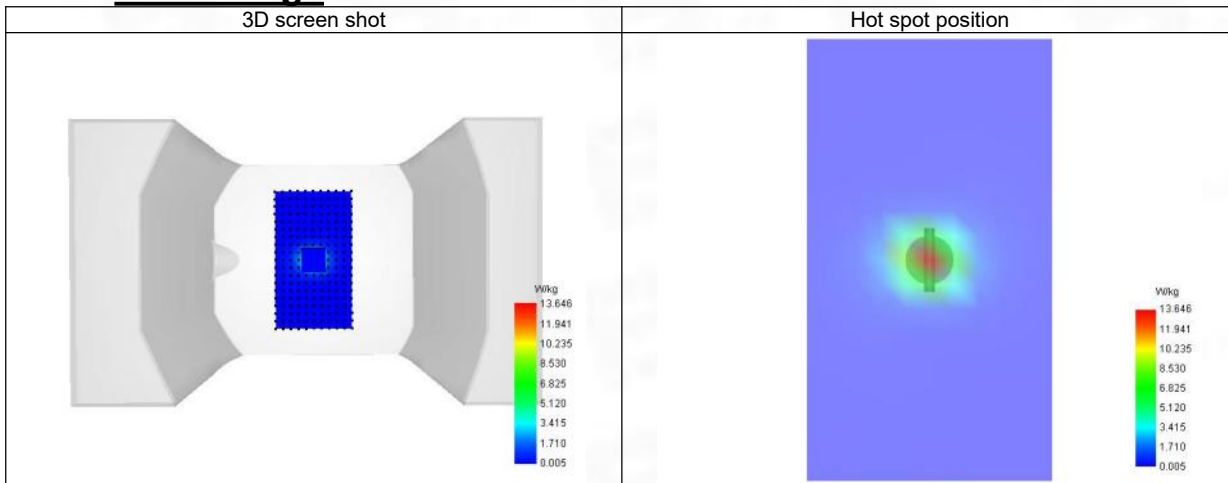
SAR 10g (W/Kg)	2.224
SAR 1g (W/Kg)	7.465
Variation (%)	-1.590
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.464495

E. 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)	22.131	13.584	7.399	4.115	2.270	1.256	0.699	0.384	0.205	0.107	0.074	0.037



F. 3D Image



System Performance Check Data (5600 MHz)

System check at 5600 MHz

Date of measurement: 29/10/2025

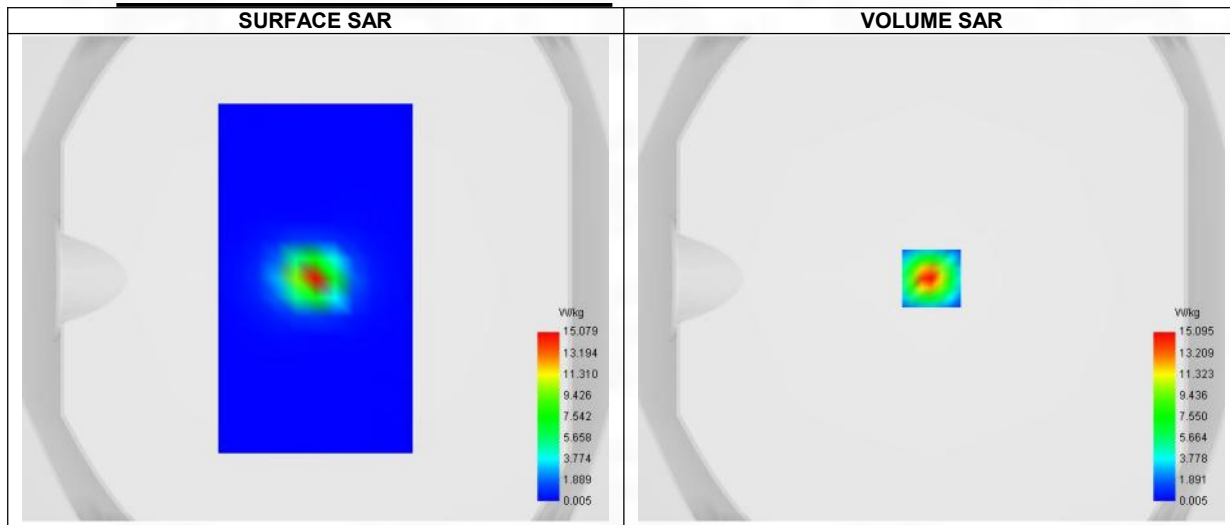
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.12
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5600.000
Relative permittivity (real part)	35.569
Relative permittivity (imaginary part)	16.423
Conductivity (S/m)	5.092

C. SAR Surface and Volume



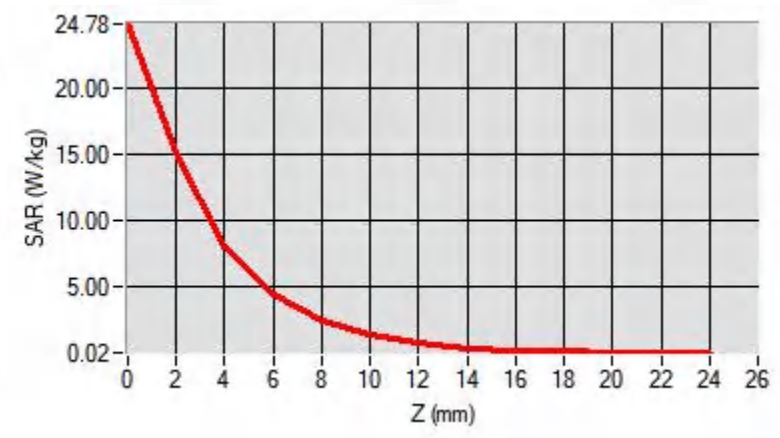
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 26.38 W/kg

D. SAR 1g & 10g

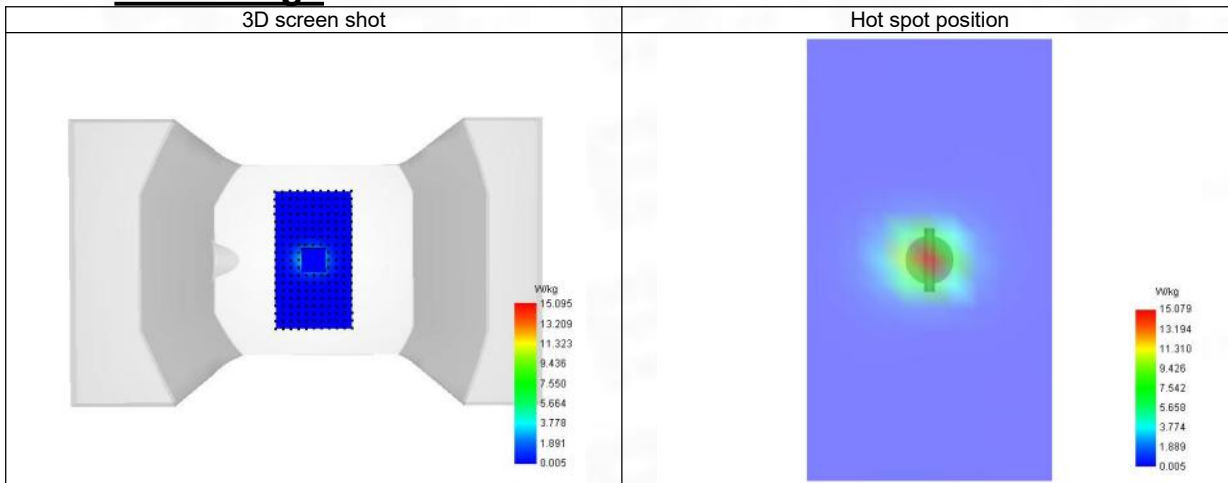
SAR 10g (W/Kg)	2.521
SAR 1g (W/Kg)	8.373
Variation (%)	-0.070
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.434613

E. 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)	24.782	15.095	8.066	4.450	2.409	1.308	0.717	0.390	0.207	0.111	0.058	0.027



F. 3D Image



System Performance Check Data (5800 MHz)

System check at 5800 MHz

Date of measurement: 30/10/2025

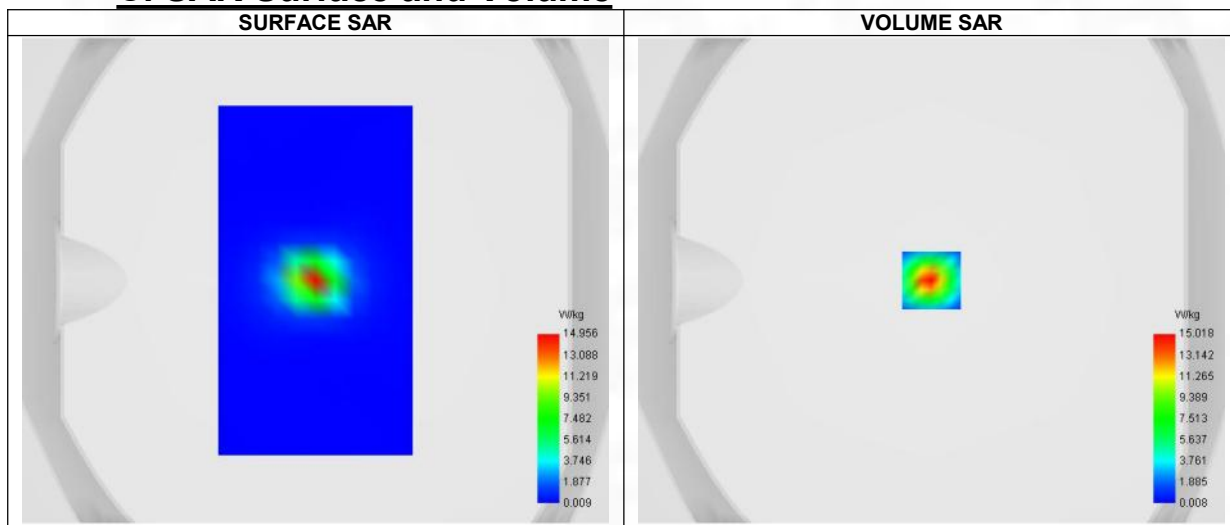
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5800.000
Relative permittivity (real part)	35.321
Relative permittivity (imaginary part)	16.485
Conductivity (S/m)	5.373

C. SAR Surface and Volume



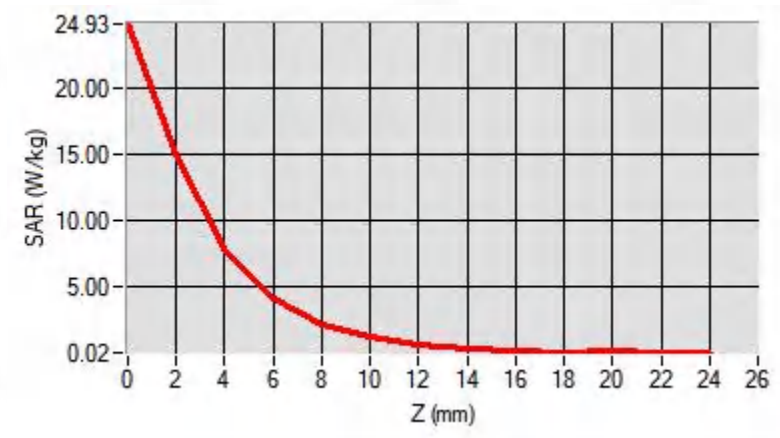
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 26.57 W/kg

D. SAR 1g & 10g

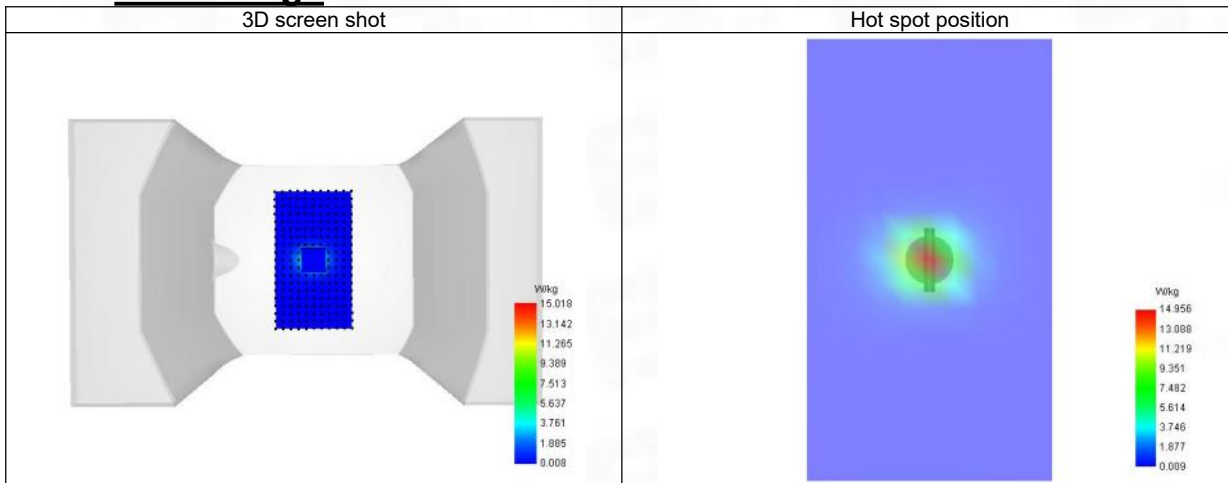
SAR 10g (W/Kg)	2.451
SAR 1g (W/Kg)	8.238
Variation (%)	0.610
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	52.245844

E. 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)	24.932	15.018	7.846	4.189	2.197	1.162	0.624	0.330	0.171	0.083	0.137	0.029



F. 3D Image



ANNEX C Test Data

1-Body with front position in dist. 5mm on Channel 9262 in WCDMA Band 2

SAR Measurement at Band 2 (1900) (Body, Validation Plane)

Date of measurement: 18/10/2025

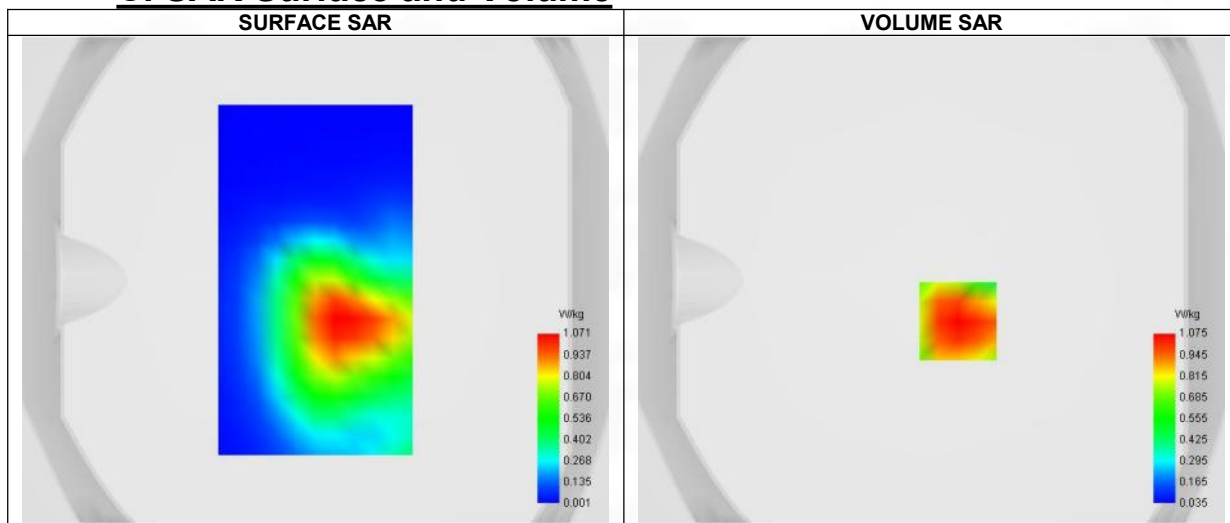
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Channels/Frequency	Lower (9262)/ frequency 1852.400 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1852.400
Relative permittivity (real part)	39.796
Relative permittivity (imaginary part)	13.657
Conductivity (S/m)	1.442

C. SAR Surface and Volume

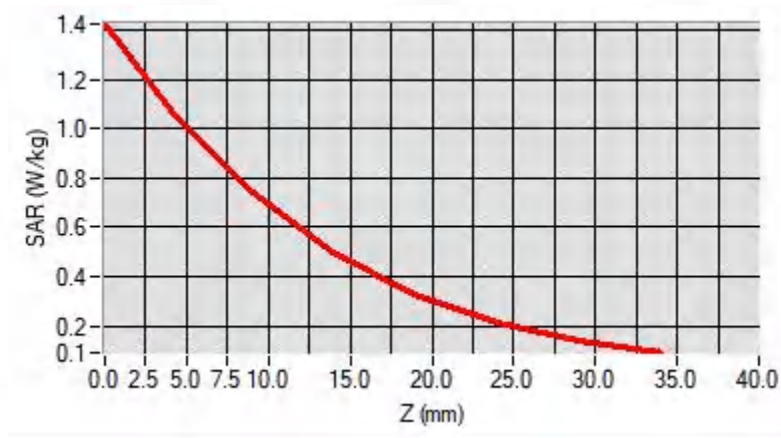


D. SAR 1g & 10g

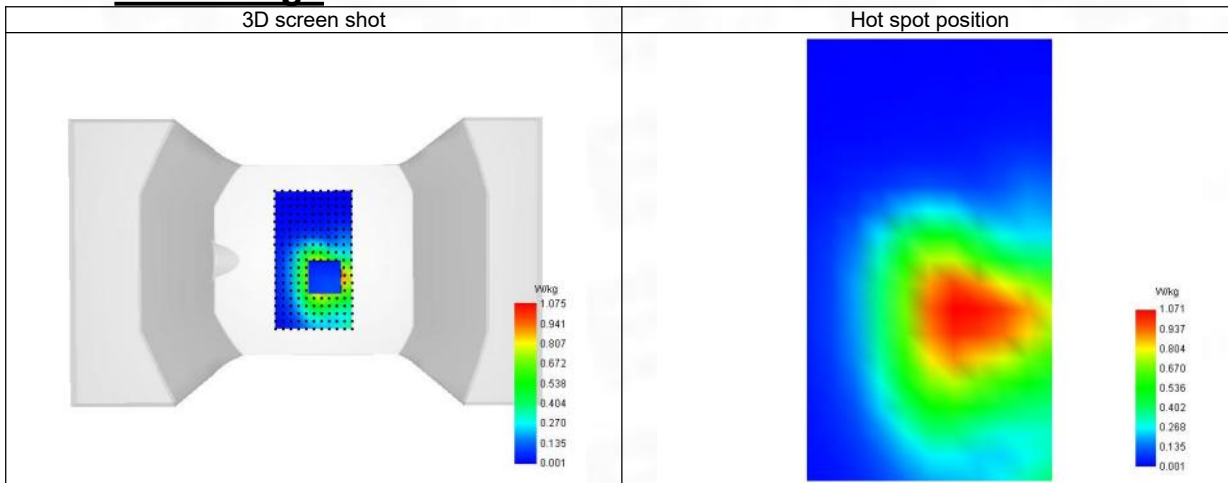
SAR 10g (W/Kg)	0.665
SAR 1g (W/Kg)	1.028
Variation (%)	-2.240
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.797871

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.426	1.075	0.740	0.500	0.330	0.216	0.140



F. 3D Image



2-Limb with front position in dist. 0mm on Channel 9262 in WCDMA Band 2

SAR Measurement at Band 2 (1900) (Body, Validation Plane)

Date of measurement: 18/10/2025

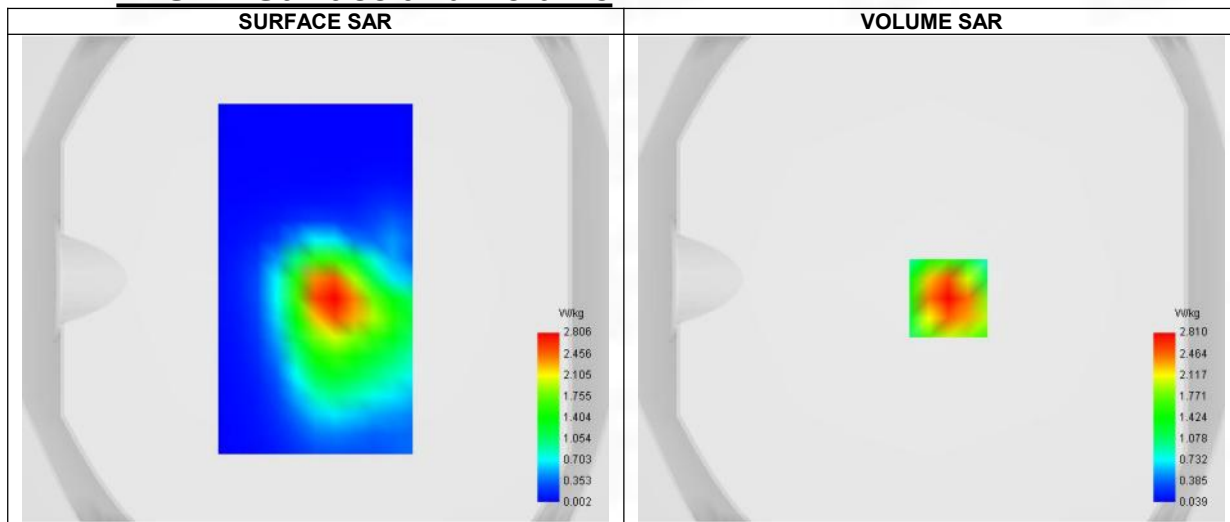
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Channels/Frequency	Lower (9262)/ frequency 1852.400 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1852.400
Relative permittivity (real part)	39.796
Relative permittivity (imaginary part)	13.657
Conductivity (S/m)	1.442

C. SAR Surface and Volume



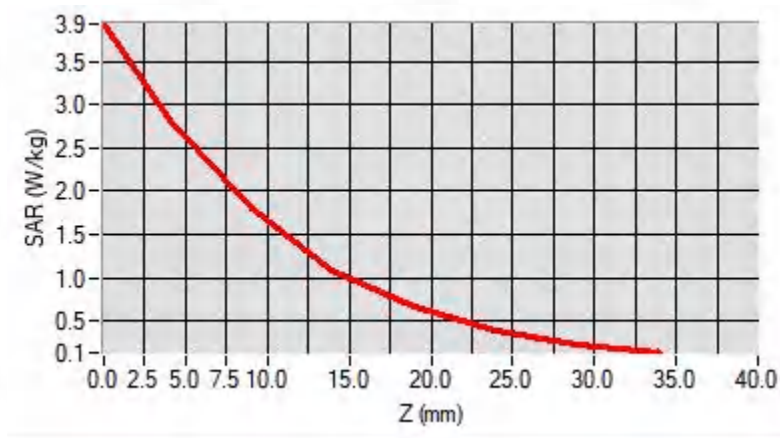
Maximum location: X=7.00, Y=-8.00 ; SAR Peak: 4.13 W/kg

D. SAR 1g & 10g

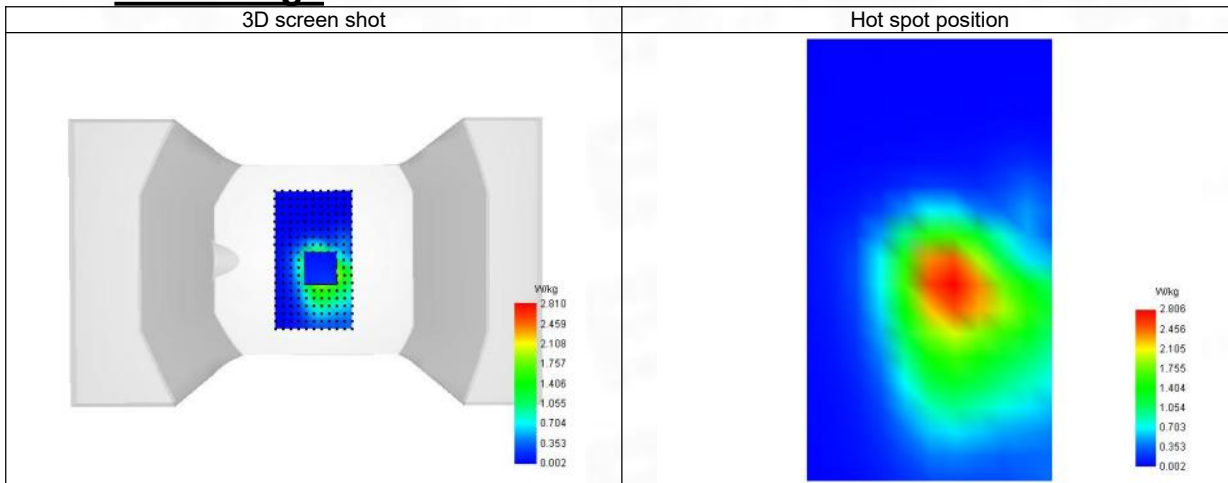
SAR 10g (W/Kg)	1.530
SAR 1g (W/Kg)	2.655
Variation (%)	-2.630
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	63.779842

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.930	2.810	1.792	1.097	0.662	0.394	0.235



F. 3D Image



3-Body with front position in dist. 5mm on Channel 1513 in WCDMA Band 4

SAR Measurement at Band 4 (1700) (Body, Validation Plane)

Date of measurement: 16/10/2025

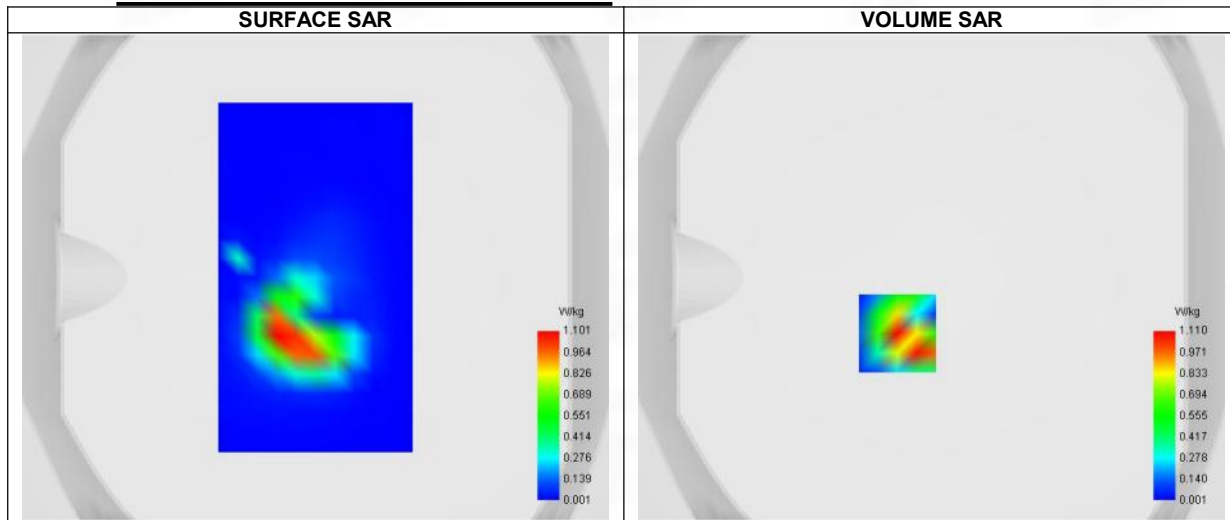
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Channels/Frequency	Higher (1513)/ frequency 1752.600 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1752.600
Relative permittivity (real part)	40.108
Relative permittivity (imaginary part)	14.364
Conductivity (S/m)	1.396

C. SAR Surface and Volume

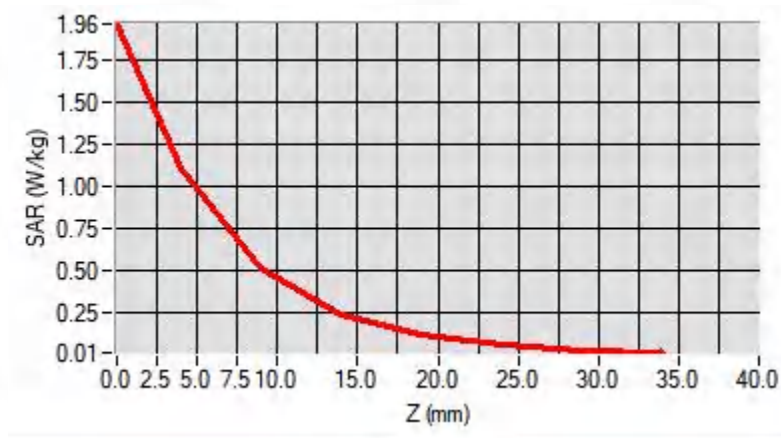


D. SAR 1g & 10g

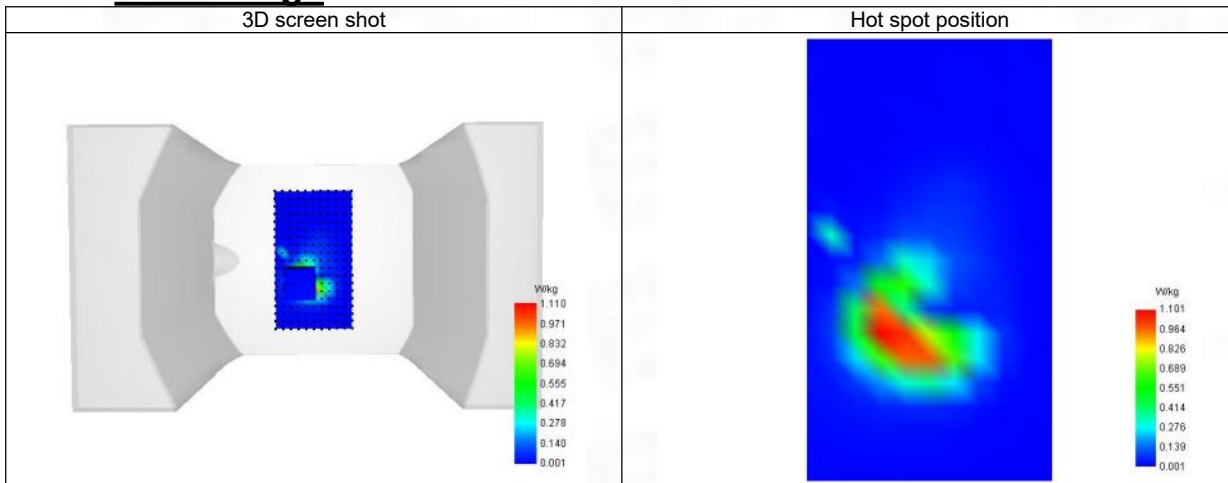
SAR 10g (W/Kg)	0.441
SAR 1g (W/Kg)	1.025
Variation (%)	-3.520
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	45.566738

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.960	1.110	0.506	0.238	0.114	0.054	0.024



F. 3D Image



4-Limb with front position in dist. 0mm on Channel 1513 in WCDMA Band 4

SAR Measurement at Band 4 (1700) (Body, Validation Plane)

Date of measurement: 16/10/2025

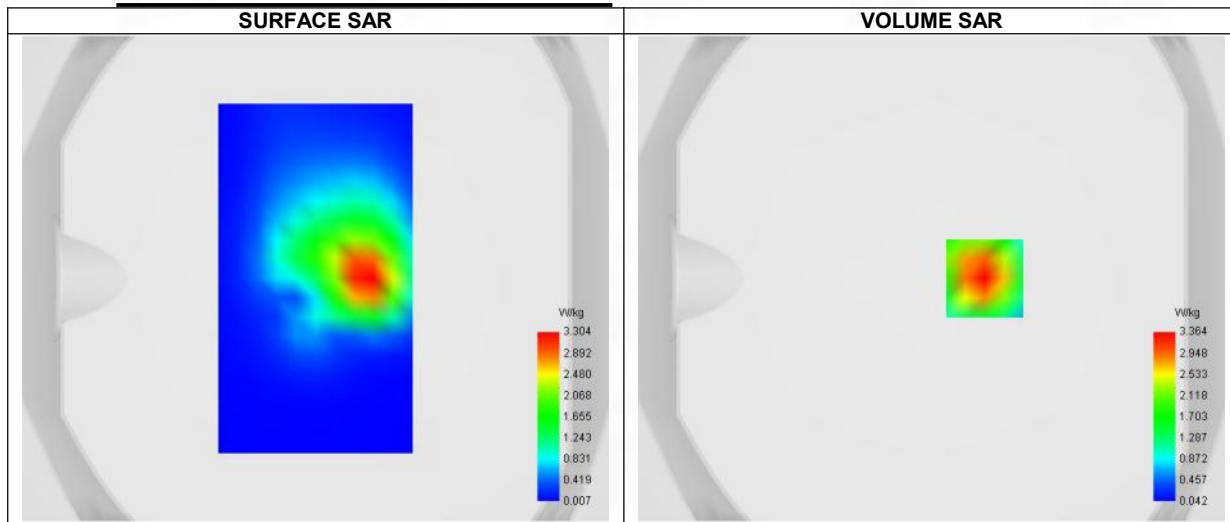
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Channels/Frequency	Higher (1513)/ frequency 1752.600 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1752.600
Relative permittivity (real part)	40.108
Relative permittivity (imaginary part)	14.364
Conductivity (S/m)	1.396

C. SAR Surface and Volume



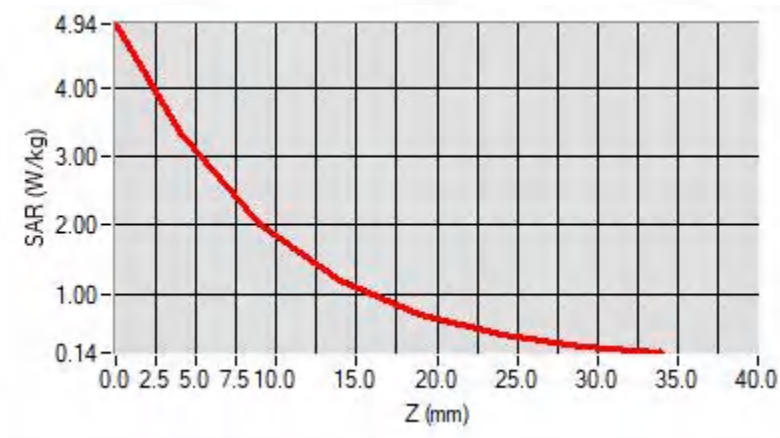
Maximum location: X=22.00, Y=0.00 ; SAR Peak: 5.03 W/kg

D. SAR 1g & 10g

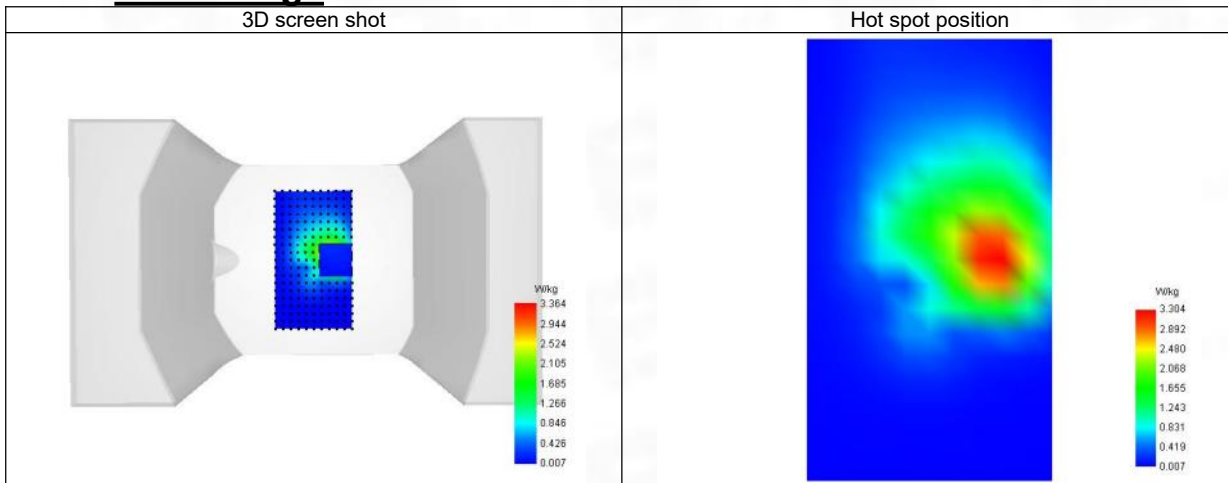
SAR 10g (W/Kg)	1.754
SAR 1g (W/Kg)	3.180
Variation (%)	2.810
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.224014

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.938	3.364	2.026	1.197	0.701	0.406	0.240



F. 3D Image



5-Body with front position in dist. 5mm on Channel 4183 in WCDMA Band 5

SAR Measurement at Band 5 (850) (Body, Validation Plane)

Date of measurement: 14/10/2025

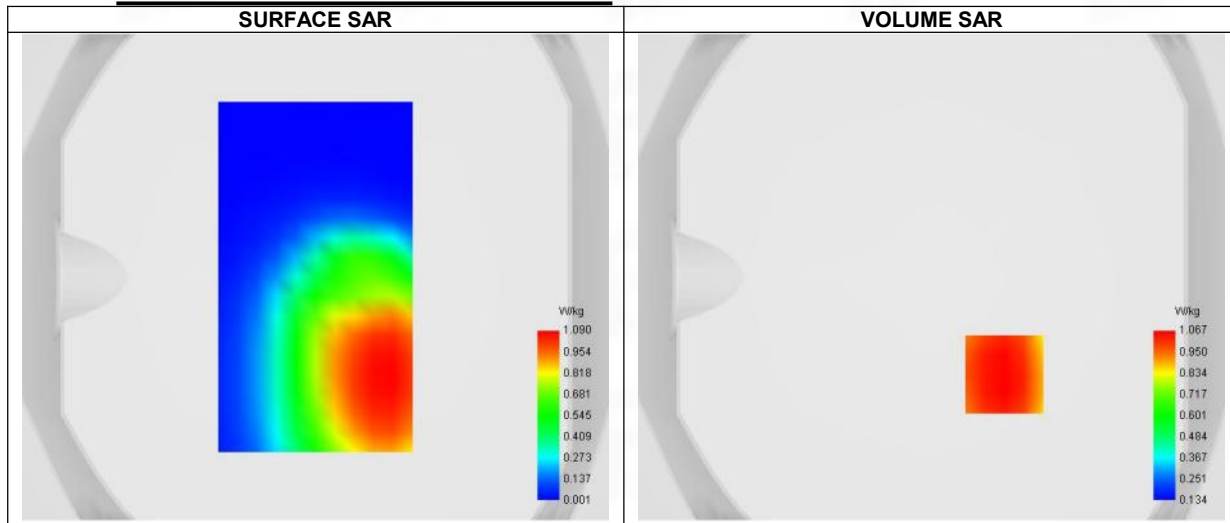
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Channels/Frequency	Middle (4183)/ frequency 836.600 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	836.600
Relative permittivity (real part)	41.780
Relative permittivity (imaginary part)	19.825
Conductivity (S/m)	0.915

C. SAR Surface and Volume



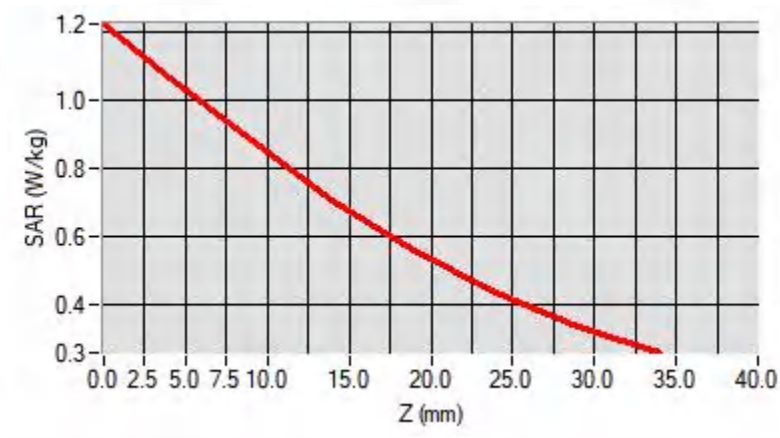
Maximum location: X=30.00, Y=-40.00 ; SAR Peak: 1.25 W/kg

D. SAR 1g & 10g

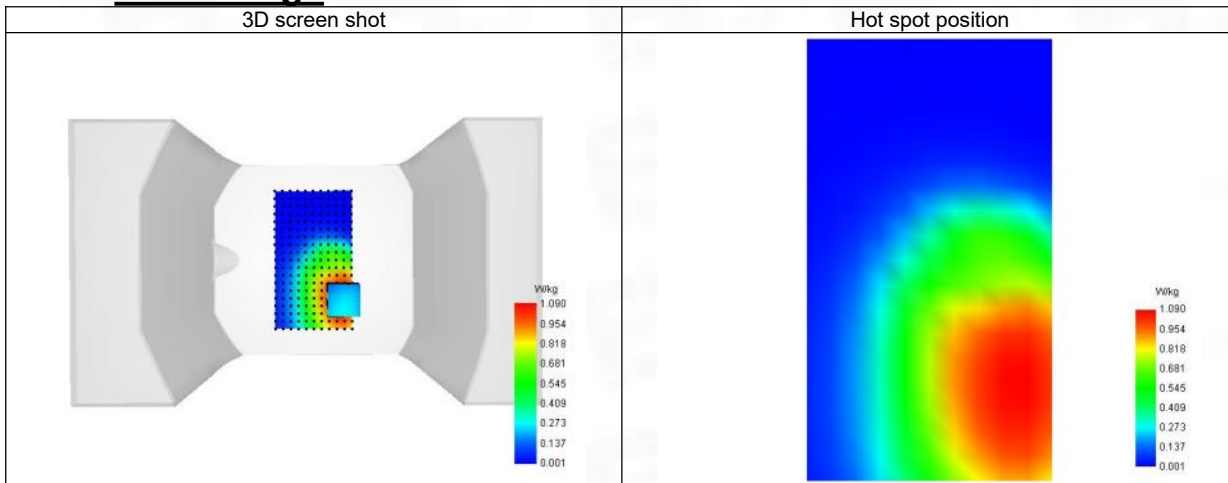
SAR 10g (W/Kg)	0.799
SAR 1g (W/Kg)	1.037
Variation (%)	3.740
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	79.981291

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.225	1.069	0.855	0.706	0.559	0.436	0.332



F. 3D Image



6-Limb with front position in dist. 0mm on Channel 4183 in WCDMA Band 5

SAR Measurement at Band 5 (850) (Body, Validation Plane)

Date of measurement: 14/10/2025

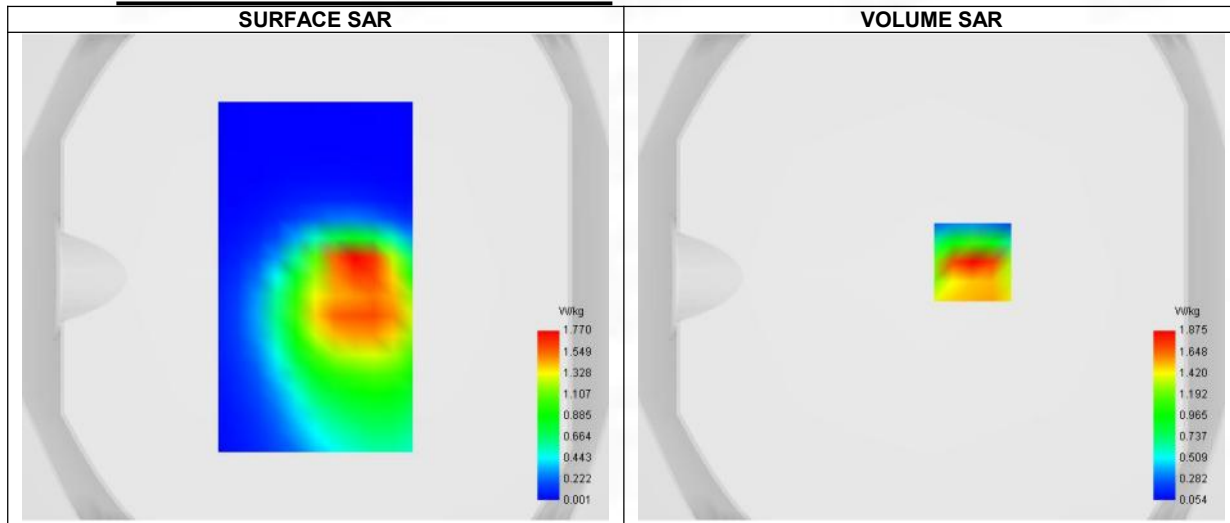
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Channels/Frequency	Middle (4183)/ frequency 836.600 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	836.600
Relative permittivity (real part)	41.780
Relative permittivity (imaginary part)	19.825
Conductivity (S/m)	0.915

C. SAR Surface and Volume



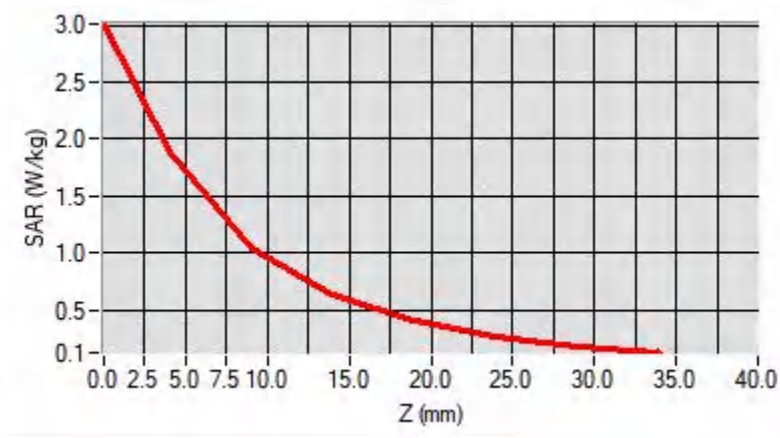
Maximum location: X=17.00, Y=6.00 ; SAR Peak: 2.98 W/kg

D. SAR 1g & 10g

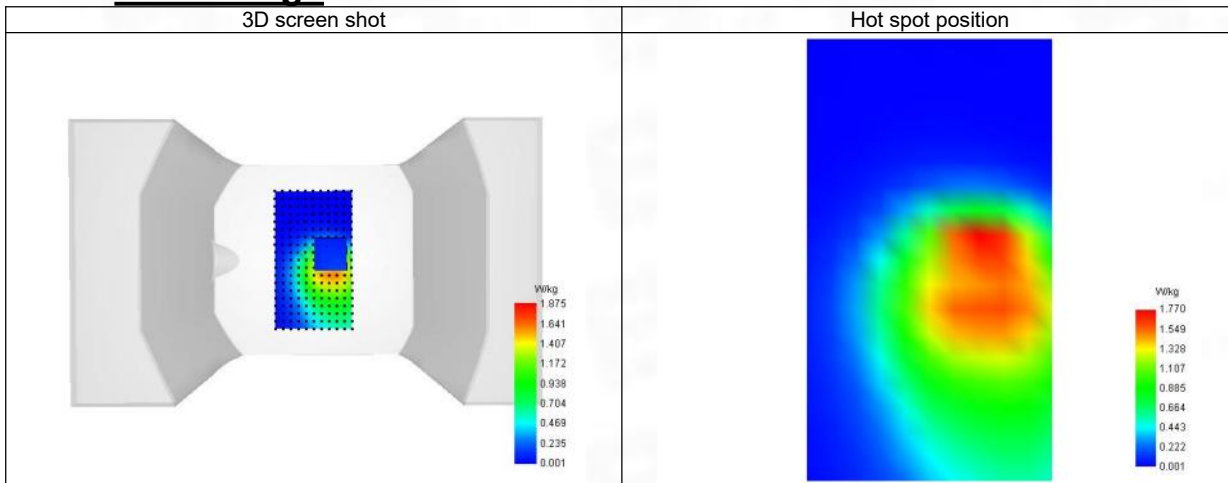
SAR 10g (W/Kg)	0.885
SAR 1g (W/Kg)	1.722
Variation (%)	-0.930
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.213197

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.010	1.875	1.035	0.627	0.400	0.263	0.177



F. 3D Image



7-Body with front position in dist. 5mm on Channel 18900 in LTE band 2

SAR Measurement at LTE band 2 (Body, Validation Plane)

Date of measurement: 18/10/2025

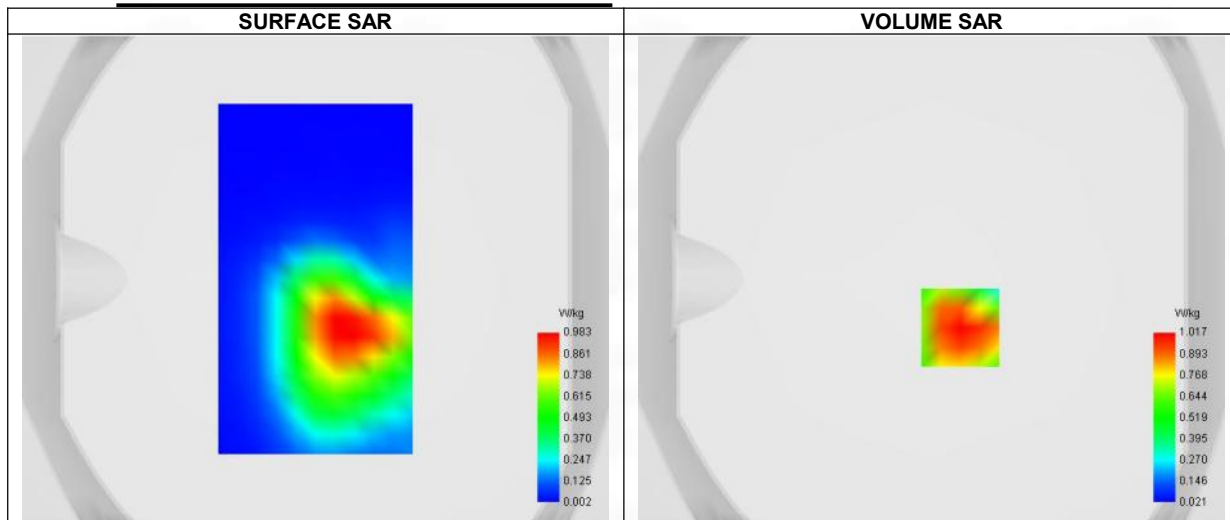
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels/Frequency	Middle (18900)/ frequency 1880.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1871.090
Relative permittivity (real part)	39.716
Relative permittivity (imaginary part)	13.506
Conductivity (S/m)	1.450

C. SAR Surface and Volume



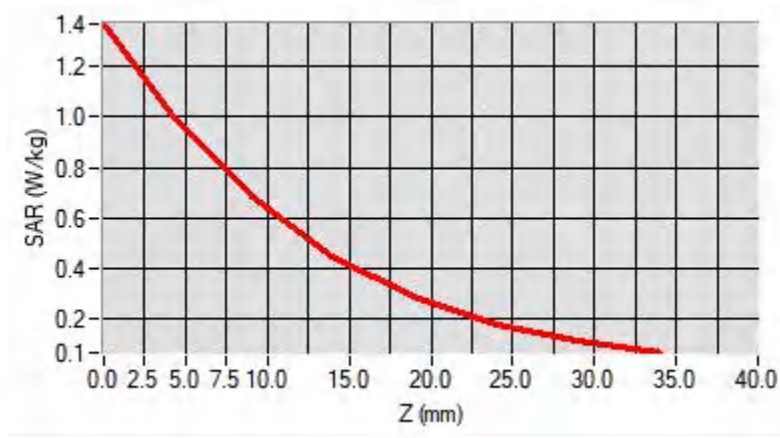
Maximum location: X=12.00, Y=-20.00 ; SAR Peak: 1.41 W/kg

D. SAR 1g & 10g

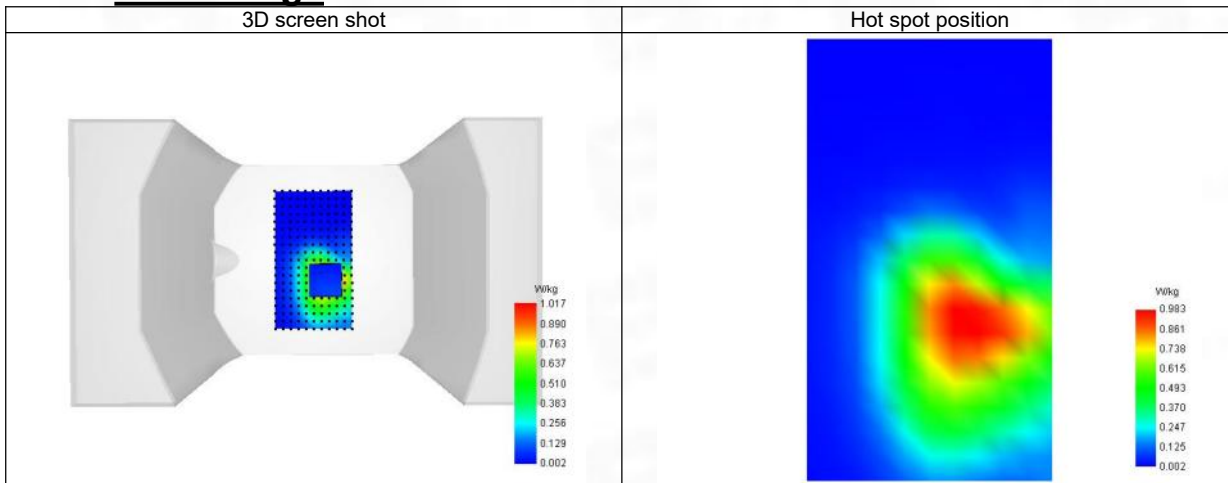
SAR 10g (W/Kg)	0.606
SAR 1g (W/Kg)	0.969
Variation (%)	-1.750
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	67.301824

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.368	1.017	0.685	0.448	0.287	0.179	0.113



F. 3D Image



8-Limb with front position in dist. 0mm on Channel 18900 in LTE band 2

SAR Measurement at LTE band 2 (Body, Validation Plane)

Date of measurement: 18/10/2025

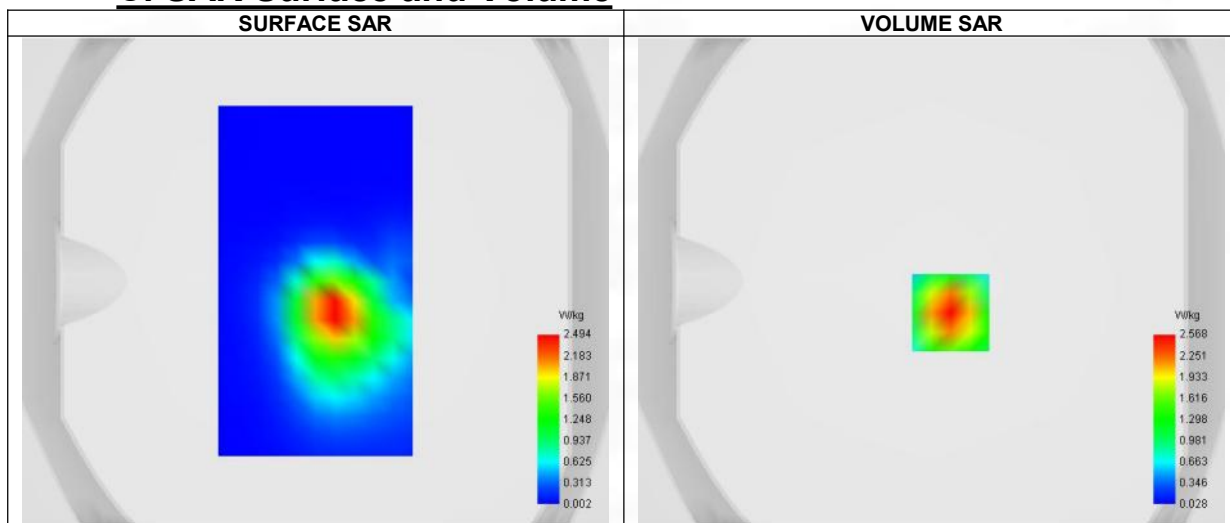
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels/Frequency	Middle (18900)/ frequency 1880.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1871.090
Relative permittivity (real part)	39.716
Relative permittivity (imaginary part)	13.506
Conductivity (S/m)	1.450

C. SAR Surface and Volume



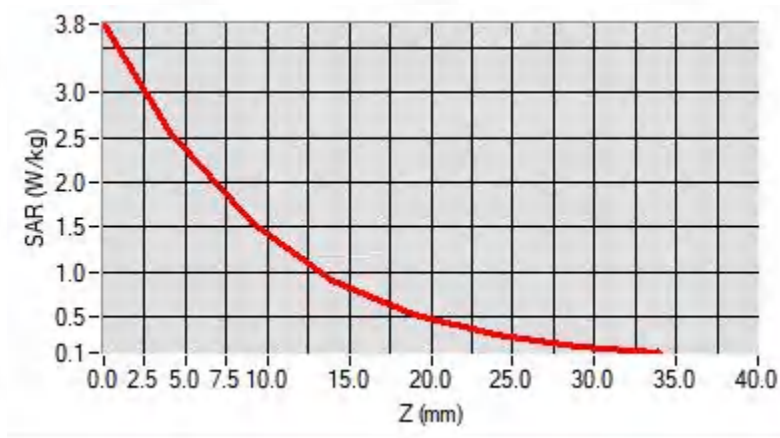
Maximum location: X=8.00, Y=-13.00 ; SAR Peak: 3.87 W/kg

D. SAR 1g & 10g

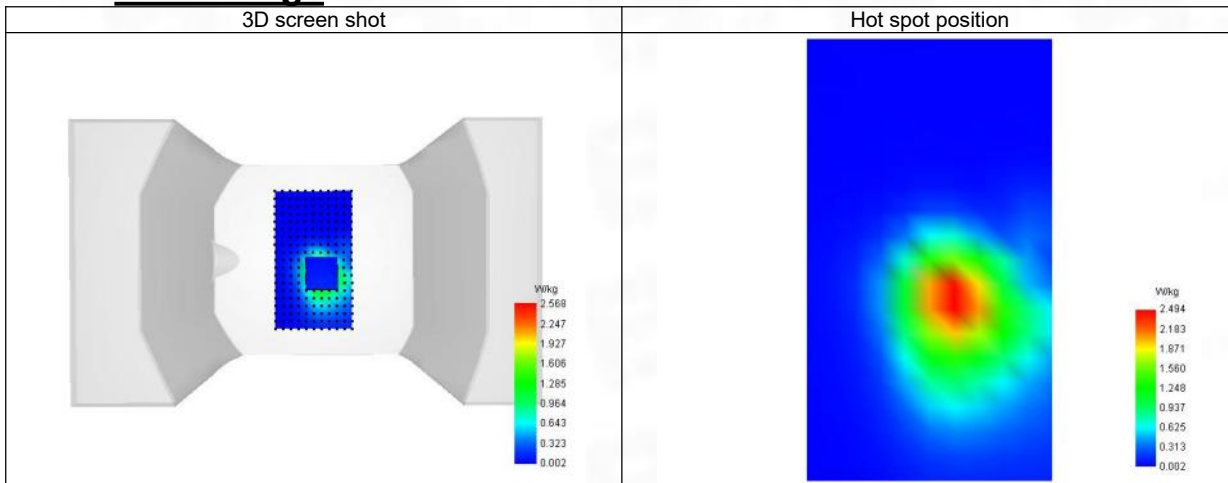
SAR 10g (W/Kg)	1.311
SAR 1g (W/Kg)	2.407
Variation (%)	-0.490
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.169861

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.761	2.568	1.545	0.917	0.526	0.303	0.176



F. 3D Image



9-Body with front position in dist. 5mm on Channel 20050 in LTE band 4

SAR Measurement at LTE band 4 (Body, Validation Plane)

Date of measurement: 16/10/2025

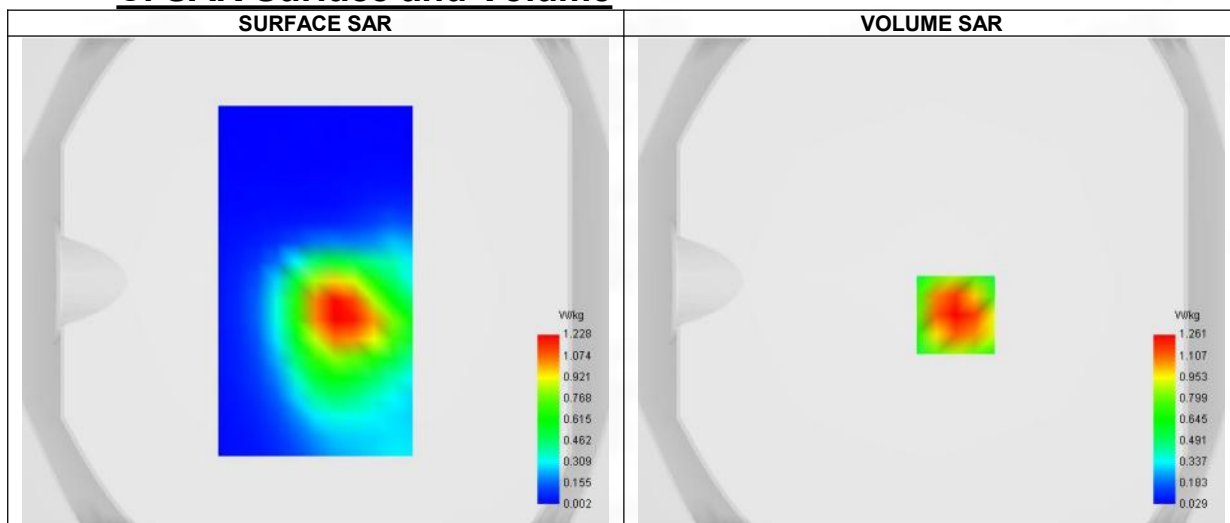
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Channels/Frequency	Lower (20050)/ frequency 1720.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1711.090
Relative permittivity (real part)	40.184
Relative permittivity (imaginary part)	14.611
Conductivity (S/m)	1.374

C. SAR Surface and Volume

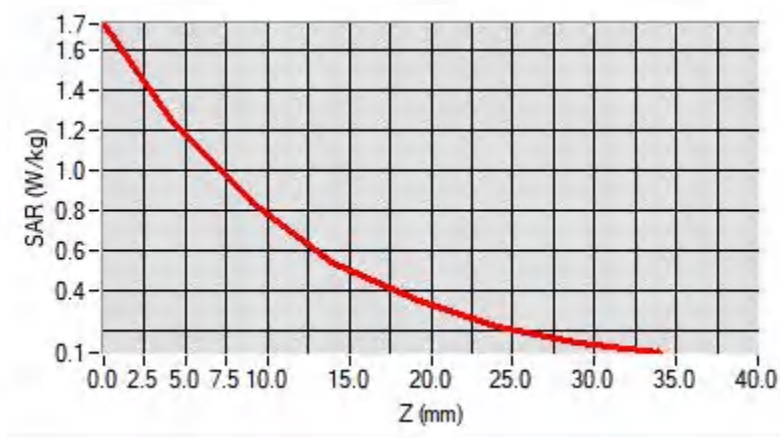


D. SAR 1g & 10g

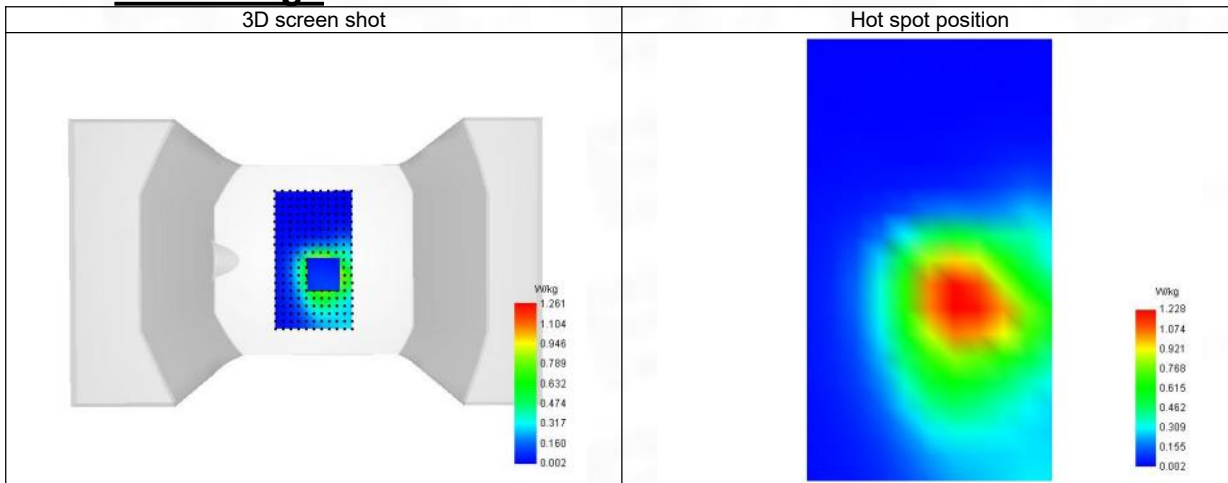
SAR 10g (W/Kg)	0.738
SAR 1g (W/Kg)	1.203
Variation (%)	1.850
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	66.378899

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.728	1.261	0.837	0.539	0.351	0.219	0.139



F. 3D Image



10-Limb with front position in dist. 0mm on Channel 20050 in LTE band 4

SAR Measurement at LTE band 4 (Body, Validation Plane)

Date of measurement: 16/10/2025

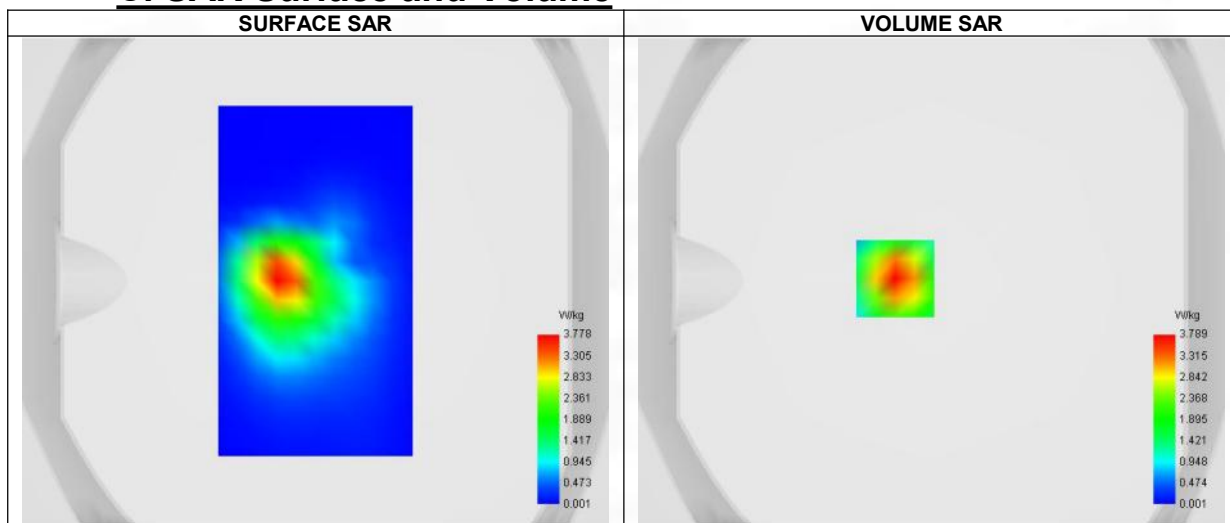
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Channels/Frequency	Lower (20050)/ frequency 1720.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1711.090
Relative permittivity (real part)	40.184
Relative permittivity (imaginary part)	14.611
Conductivity (S/m)	1.374

C. SAR Surface and Volume

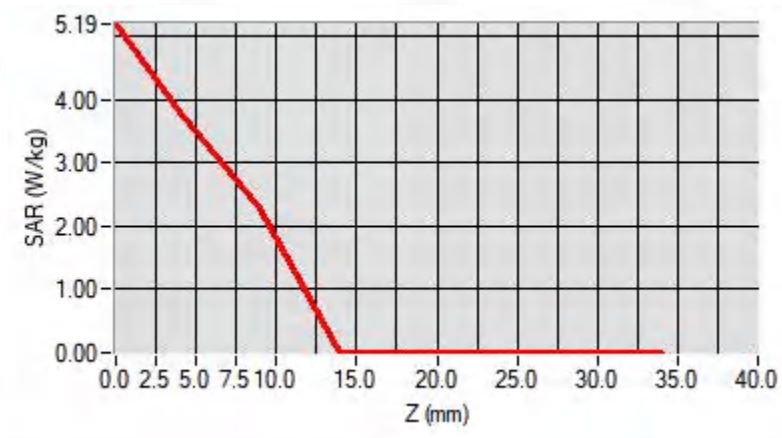


D. SAR 1g & 10g

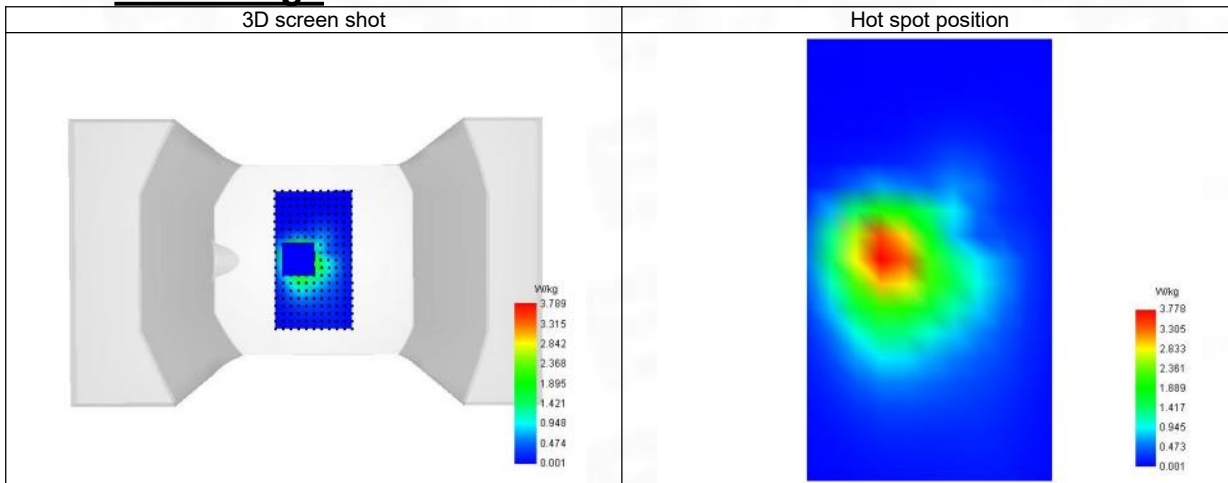
SAR 10g (W/Kg)	1.494
SAR 1g (W/Kg)	3.243
Variation (%)	-4.290
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.935666

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.192	3.789	2.271	0.001	0.002	0.003	0.001



F. 3D Image



11-Body with front position in dist. 5mm on Channel 20450 in LTE band 5

SAR Measurement at LTE band 5 (Body, Validation Plane)

Date of measurement: 14/10/2025

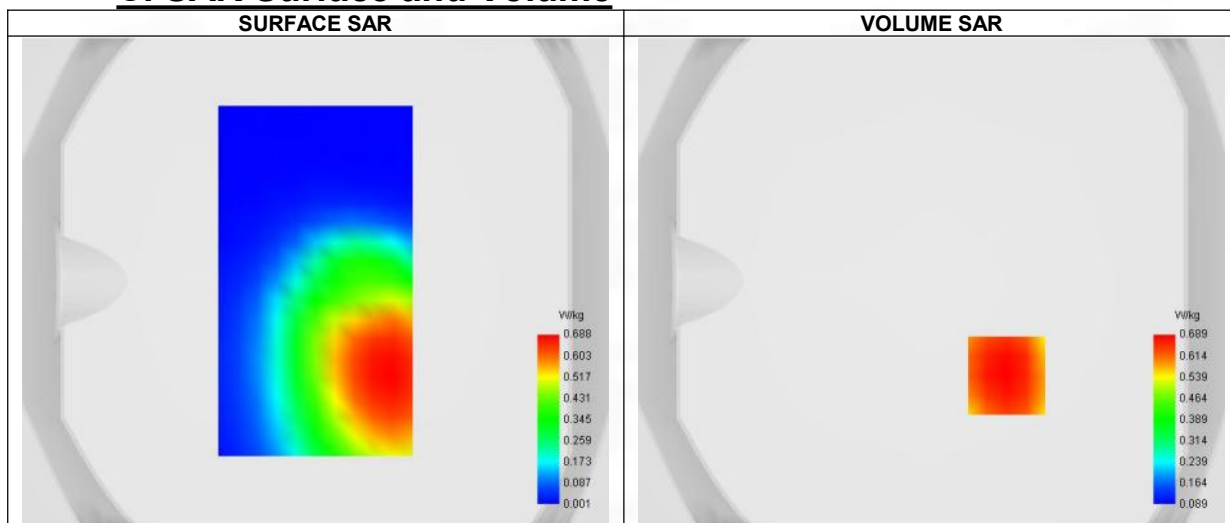
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels/Frequency	Lower (20450)/ frequency 829.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	833.410
Relative permittivity (real part)	41.791
Relative permittivity (imaginary part)	19.869
Conductivity (S/m)	0.914

C. SAR Surface and Volume

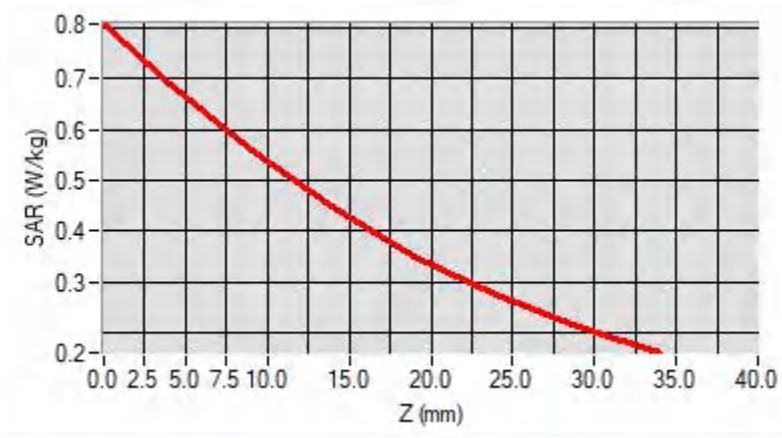


D. SAR 1g & 10g

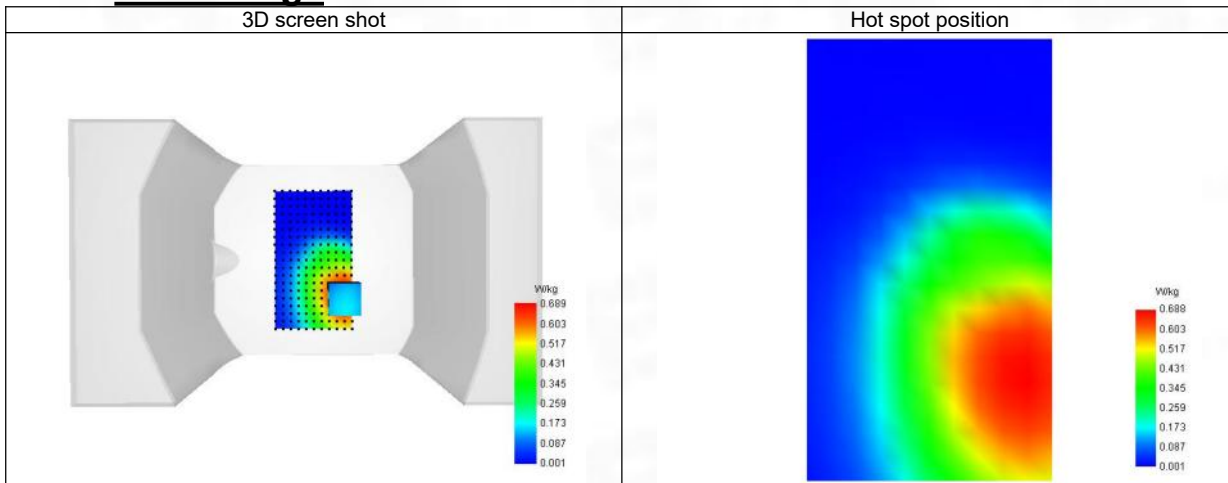
SAR 10g (W/Kg)	0.514
SAR 1g (W/Kg)	0.670
Variation (%)	-2.980
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	79.913295

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.808	0.692	0.553	0.449	0.352	0.277	0.210



F. 3D Image



12-Limb with front position in dist. 0mm on Channel 20450 in LTE band 5

SAR Measurement at LTE band 5 (Body, Validation Plane)

Date of measurement: 14/10/2025

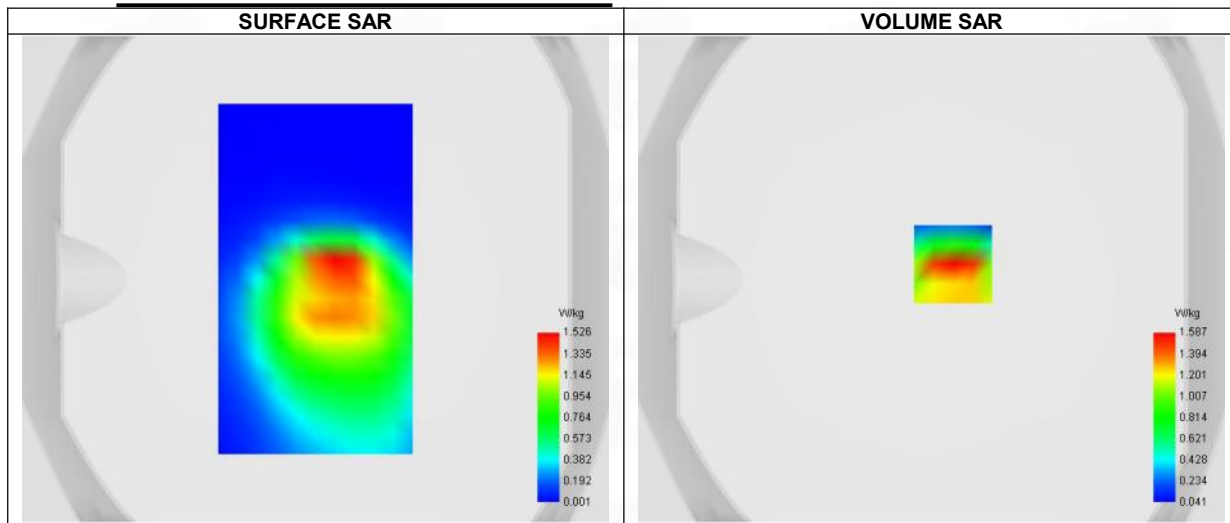
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels/Frequency	Lower (20450)/ frequency 829.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	833.410
Relative permittivity (real part)	41.791
Relative permittivity (imaginary part)	19.869
Conductivity (S/m)	0.914

C. SAR Surface and Volume



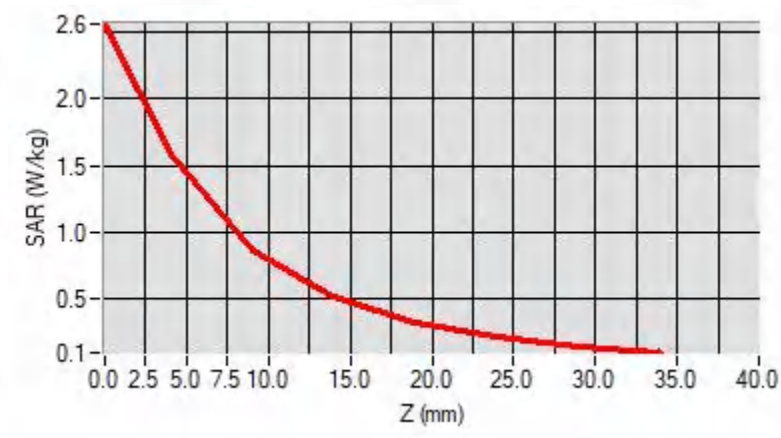
Maximum location: X=9.00, Y=6.00 ; SAR Peak: 2.60 W/kg

D. SAR 1g & 10g

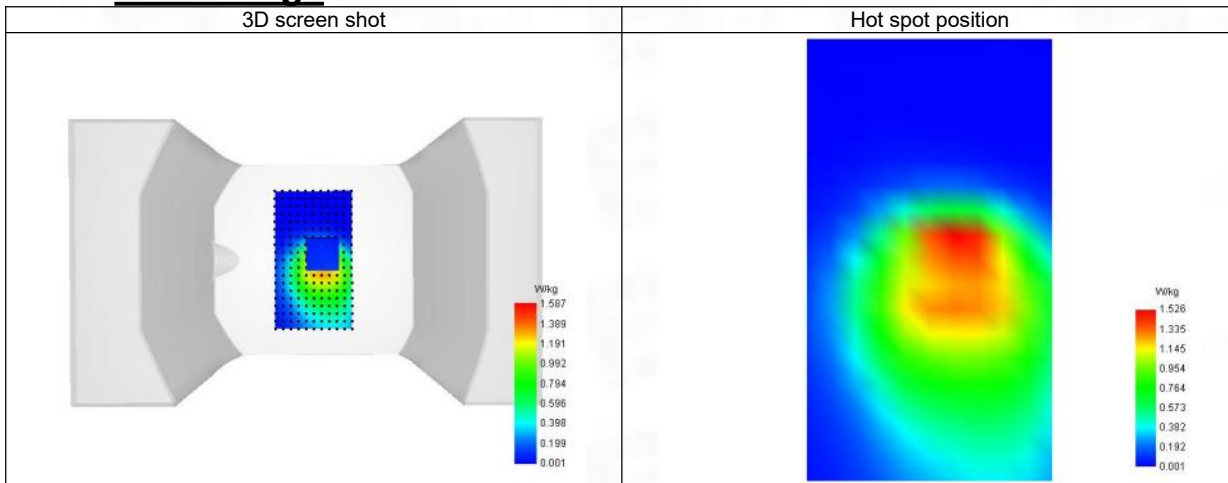
SAR 10g (W/Kg)	0.738
SAR 1g (W/Kg)	1.463
Variation (%)	-3.890
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.240177

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.563	1.587	0.861	0.526	0.325	0.212	0.147



F. 3D Image



13-Body with front position in dist. 5mm on Channel 21350 in LTE band 7

SAR Measurement at LTE band 7 (Body, Validation Plane)

Date of measurement: 19/10/2025

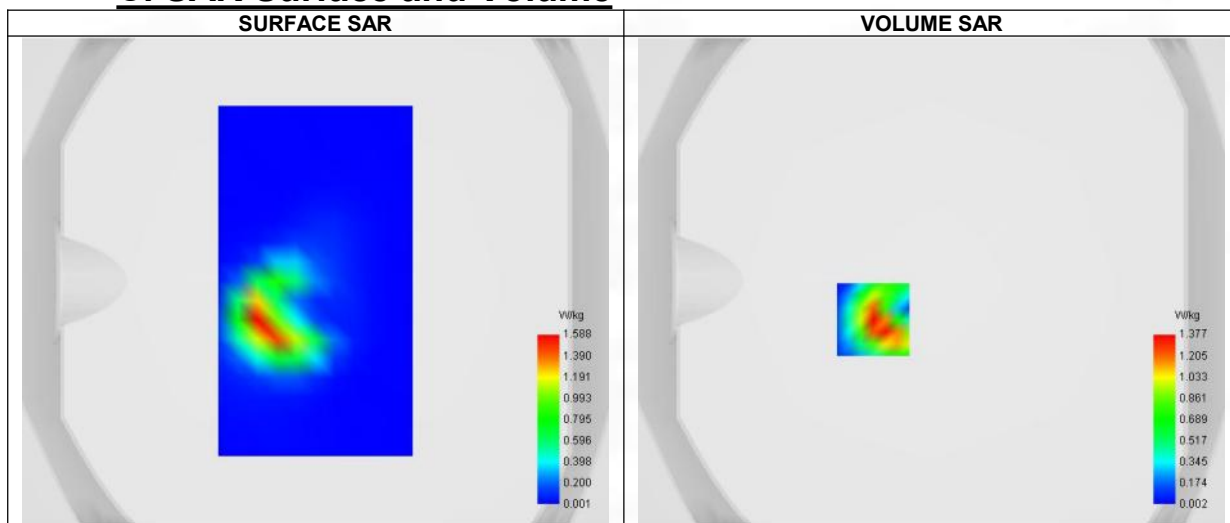
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels/Frequency	Higher (21350)/ frequency 2560.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	2551.090
Relative permittivity (real part)	38.695
Relative permittivity (imaginary part)	12.862
Conductivity (S/m)	1.896

C. SAR Surface and Volume



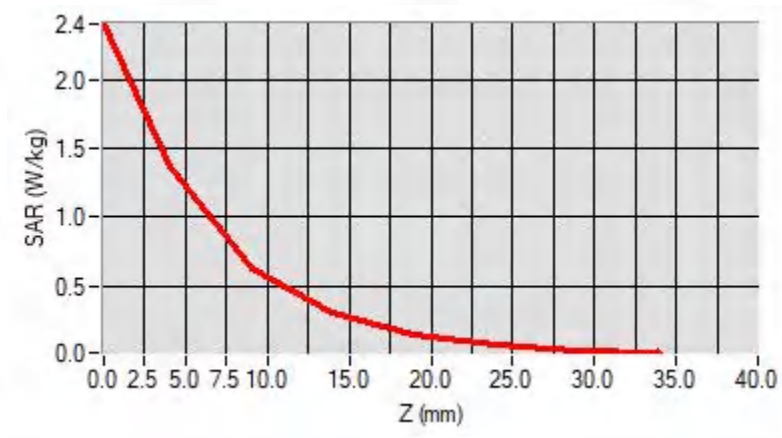
Maximum location: X=-24.00, Y=-16.00 ; SAR Peak: 2.38 W/kg

D. SAR 1g & 10g

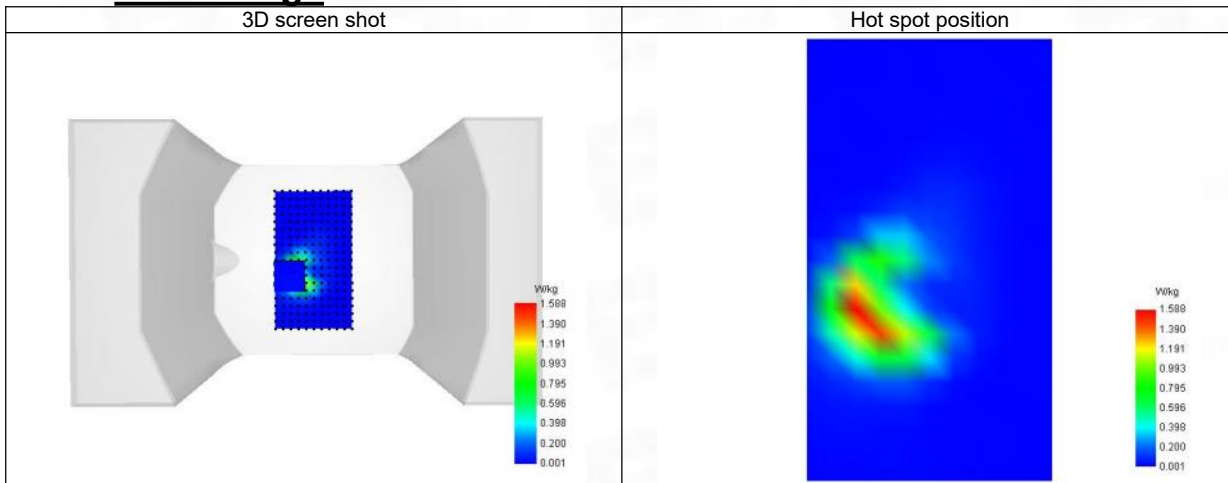
SAR 10g (W/Kg)	0.517
SAR 1g (W/Kg)	1.217
Variation (%)	-1.300
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	45.952486

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.404	1.377	0.633	0.308	0.141	0.068	0.035



F. 3D Image



14-Limb with front position in dist. 0mm on Channel 21350 in LTE band 7

SAR Measurement at LTE band 7 (Body, Validation Plane)

Date of measurement: 19/10/2025

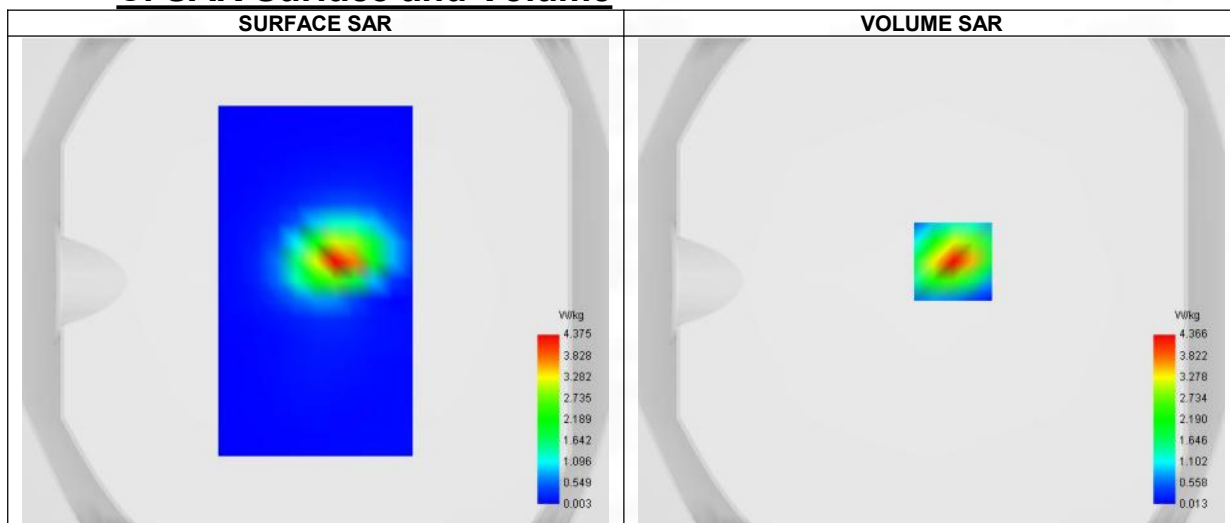
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels/Frequency	Higher (21350)/ frequency 2560.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	2551.090
Relative permittivity (real part)	38.695
Relative permittivity (imaginary part)	12.862
Conductivity (S/m)	1.896

C. SAR Surface and Volume

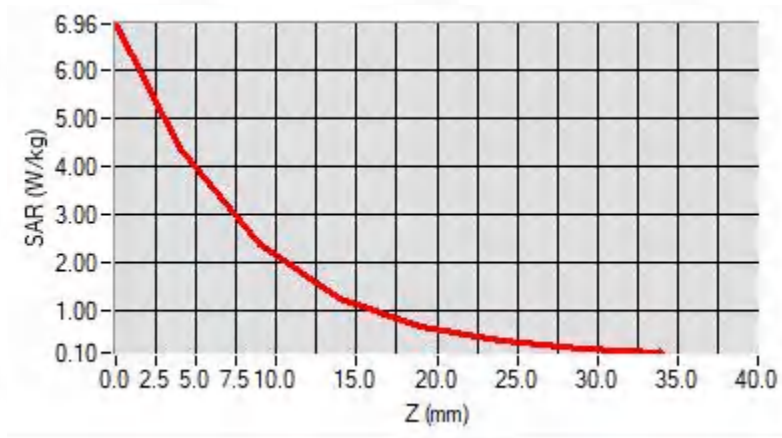


D. SAR 1g & 10g

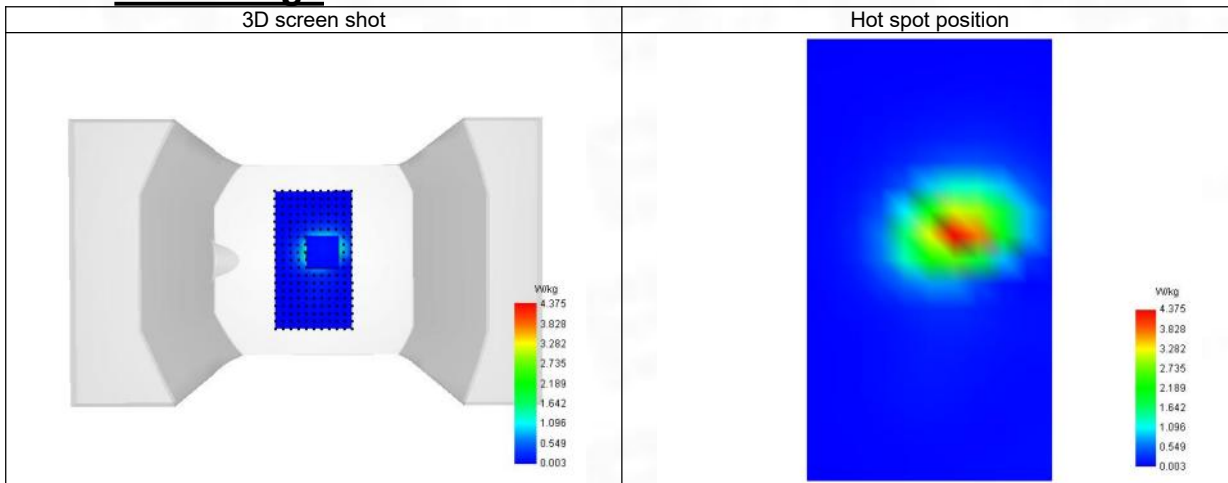
SAR 10g (W/Kg)	1.757
SAR 1g (W/Kg)	3.927
Variation (%)	2.160
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.645177

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.960	4.366	2.342	1.233	0.660	0.360	0.194



F. 3D Image



15-Body with front position in dist. 5mm on Channel 23060 in LTE band 12

SAR Measurement at LTE band 12 (Body, Validation Plane)

Date of measurement: 12/10/2025

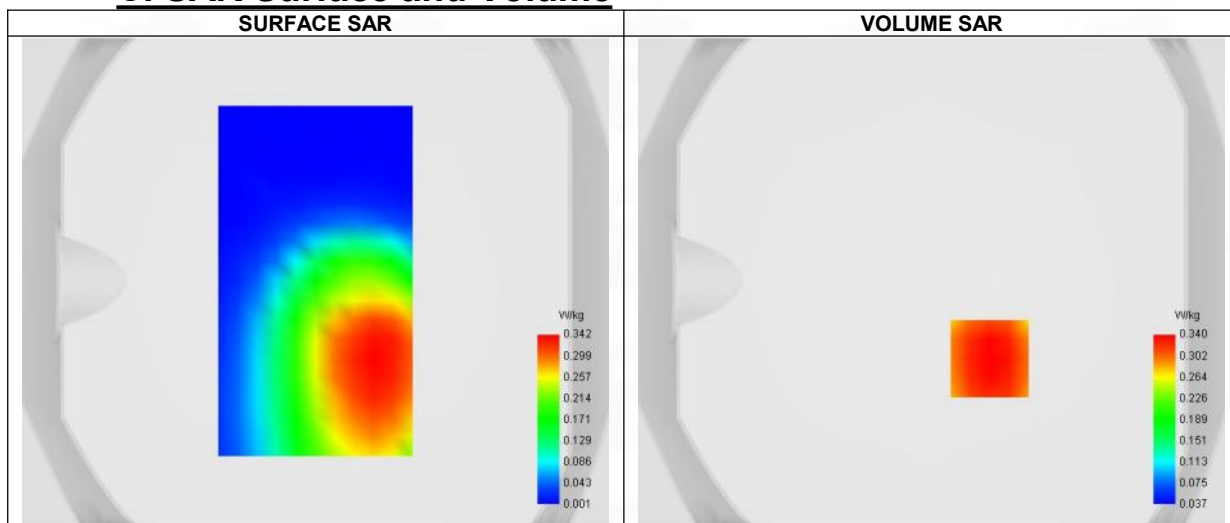
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Channels/Frequency	Lower (23060)/ frequency 704.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	699.590
Relative permittivity (real part)	42.435
Relative permittivity (imaginary part)	22.707
Conductivity (S/m)	0.879

C. SAR Surface and Volume

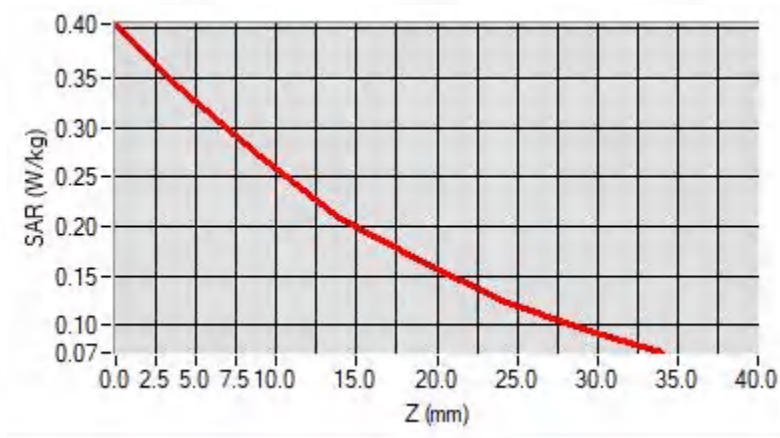


D. SAR 1g & 10g

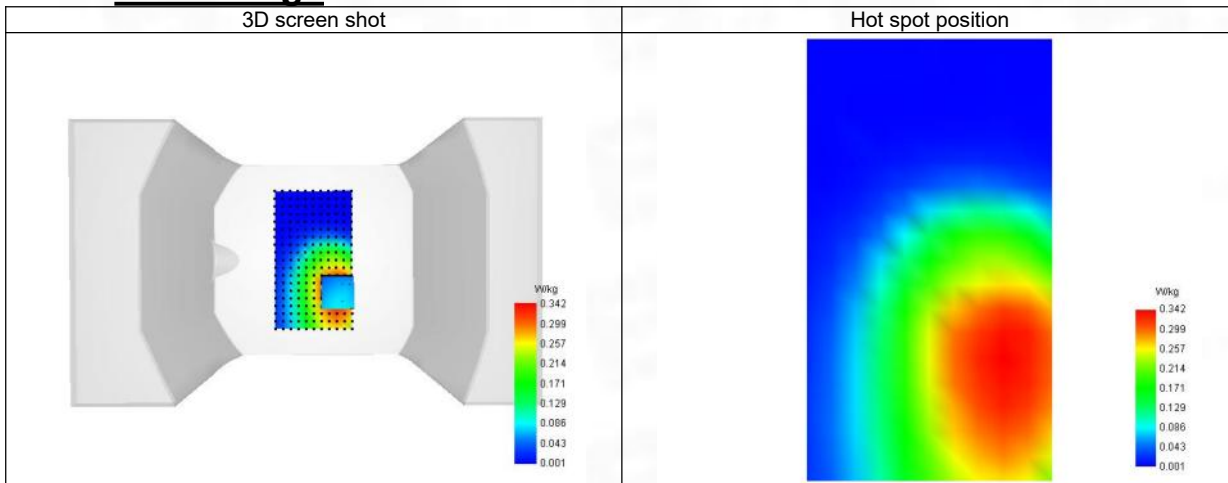
SAR 10g (W/Kg)	0.242
SAR 1g (W/Kg)	0.331
Variation (%)	0.920
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	79.635723

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.405	0.340	0.271	0.209	0.165	0.125	0.097



F. 3D Image



16-Limb with front position in dist. 0mm on Channel 23060 in LTE band 12

SAR Measurement at LTE band 12 (Body, Validation Plane)

Date of measurement: 12/10/2025

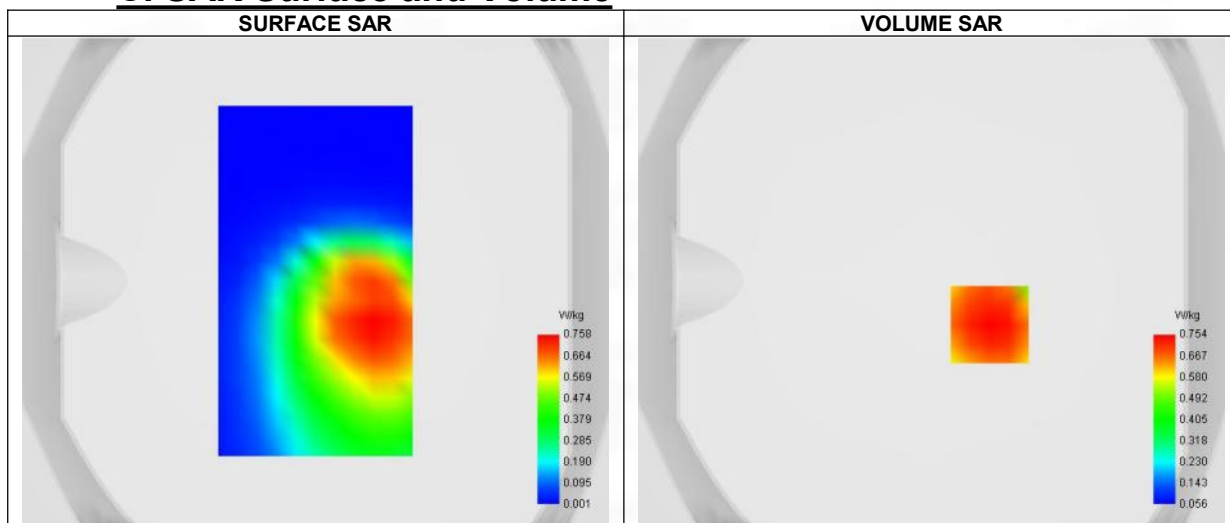
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Channels/Frequency	Lower (23060)/ frequency 704.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	699.590
Relative permittivity (real part)	42.435
Relative permittivity (imaginary part)	22.707
Conductivity (S/m)	0.879

C. SAR Surface and Volume

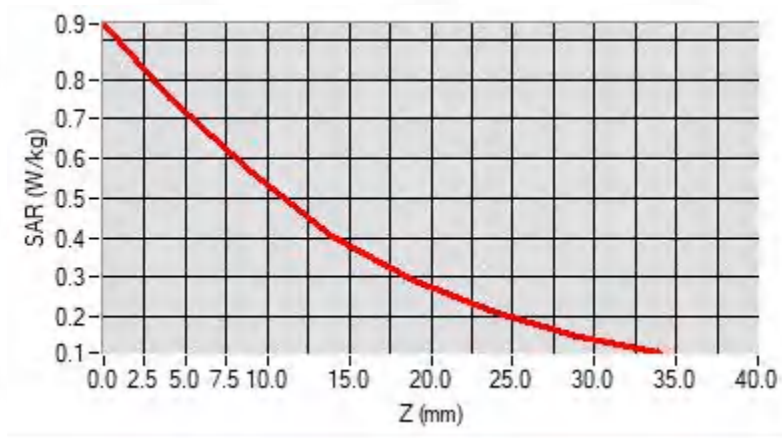


D. SAR 1g & 10g

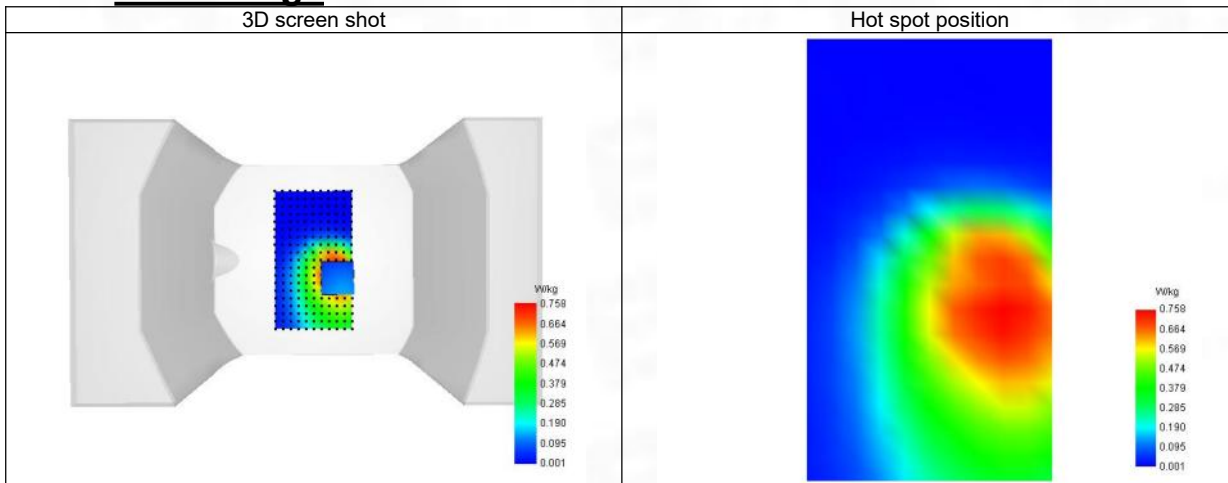
SAR 10g (W/Kg)	0.492
SAR 1g (W/Kg)	0.730
Variation (%)	-1.430
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	74.648992

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.940	0.754	0.563	0.403	0.294	0.211	0.151



F. 3D Image



17-Body with front position in dist. 5mm on Channel 23230 in LTE band 13

SAR Measurement at LTE band 13 (Body, Validation Plane)

Date of measurement: 12/10/2025

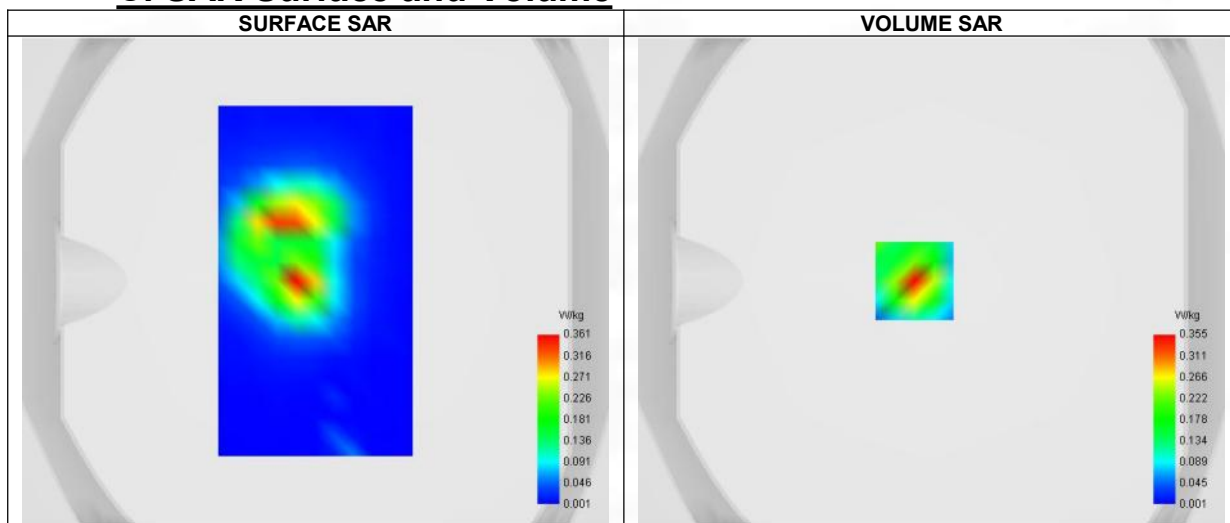
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 13
Channels/Frequency	Lower (23230)/ frequency 782.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	25
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	782.090
Relative permittivity (real part)	42.038
Relative permittivity (imaginary part)	20.957
Conductivity (S/m)	0.900

C. SAR Surface and Volume



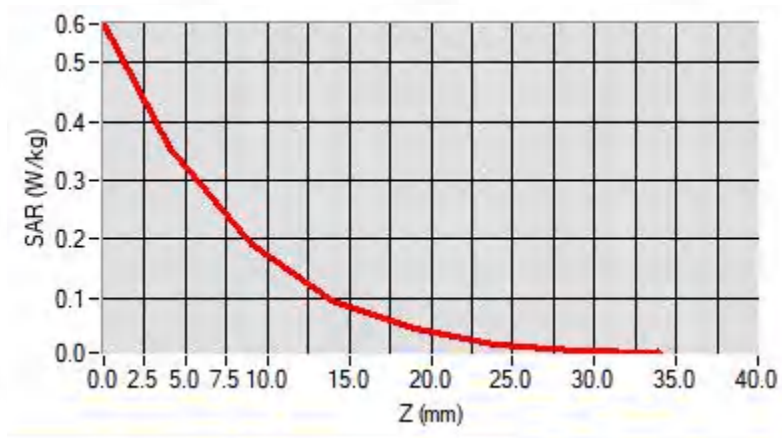
Maximum location: X=-7.00, Y=0.00 ; SAR Peak: 0.56 W/kg

D. SAR 1g & 10g

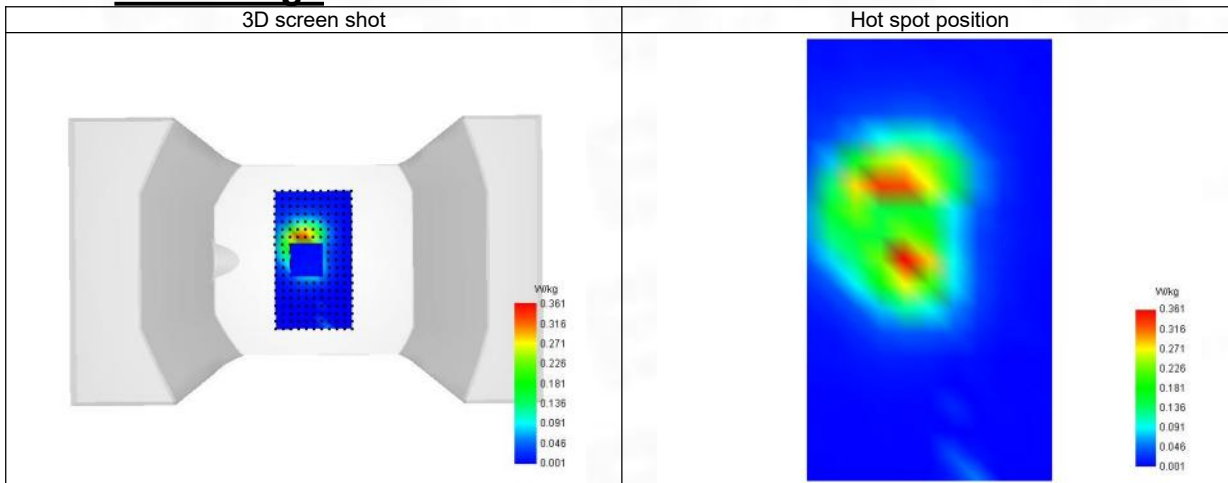
SAR 10g (W/Kg)	0.138
SAR 1g (W/Kg)	0.315
Variation (%)	-3.750
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.468870

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.566	0.355	0.190	0.094	0.049	0.021	0.010



F. 3D Image



18-Limb with front position in dist. 0mm on Channel 23230 in LTE band 13

SAR Measurement at LTE band 13 (Body, Validation Plane)

Date of measurement: 12/10/2025

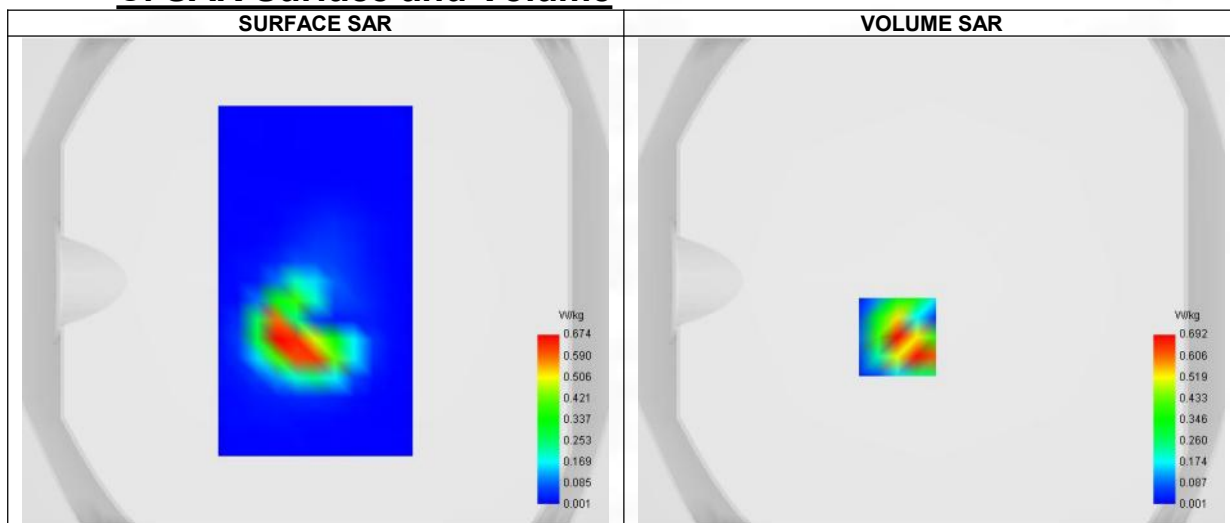
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 13
Channels/Frequency	Lower (23230)/ frequency 782.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	25
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	782.090
Relative permittivity (real part)	42.038
Relative permittivity (imaginary part)	20.957
Conductivity (S/m)	0.900

C. SAR Surface and Volume



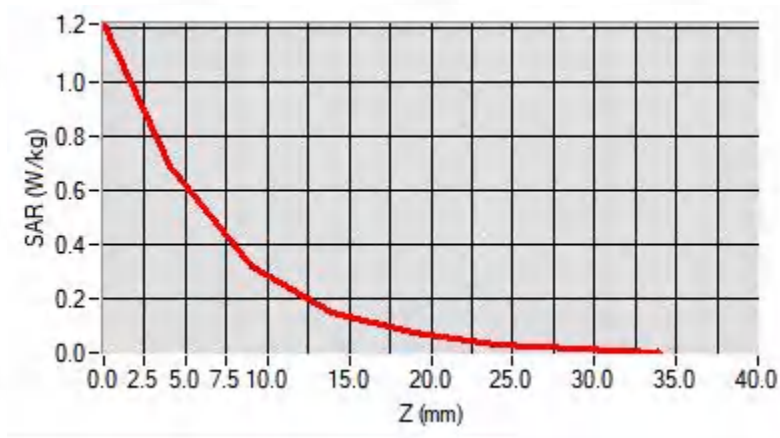
Maximum location: X=-14.00, Y=-23.00 ; SAR Peak: 1.21 W/kg

D. SAR 1g & 10g

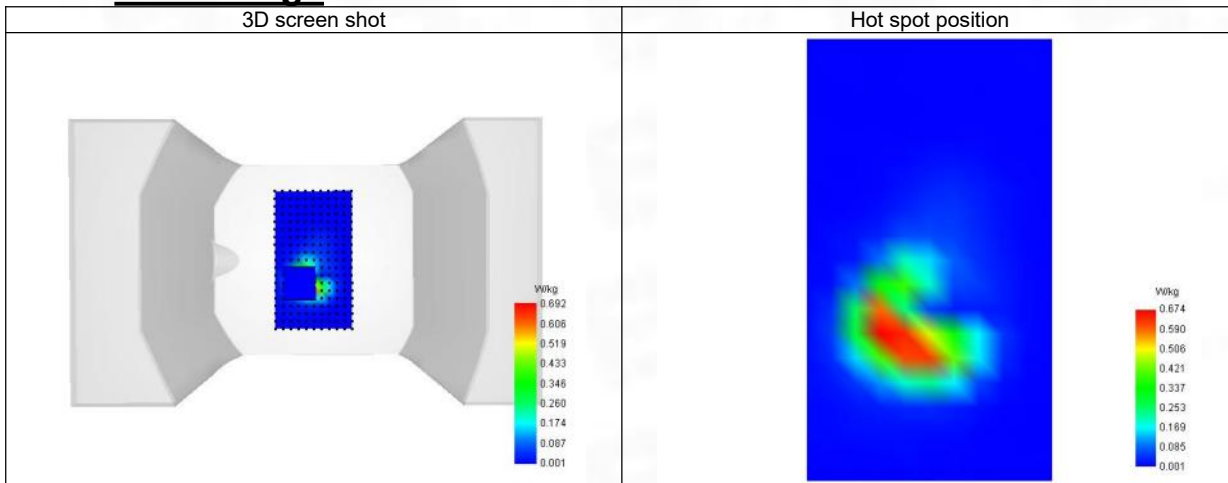
SAR 10g (W/Kg)	0.273
SAR 1g (W/Kg)	0.642
Variation (%)	-3.660
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	45.753731

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.216	0.692	0.317	0.149	0.073	0.033	0.017



F. 3D Image



19-Body with front position in dist. 5mm on Channel 26590 in LTE band 25

SAR Measurement at LTE band 25 (Body, Validation Plane)

Date of measurement: 18/10/2025

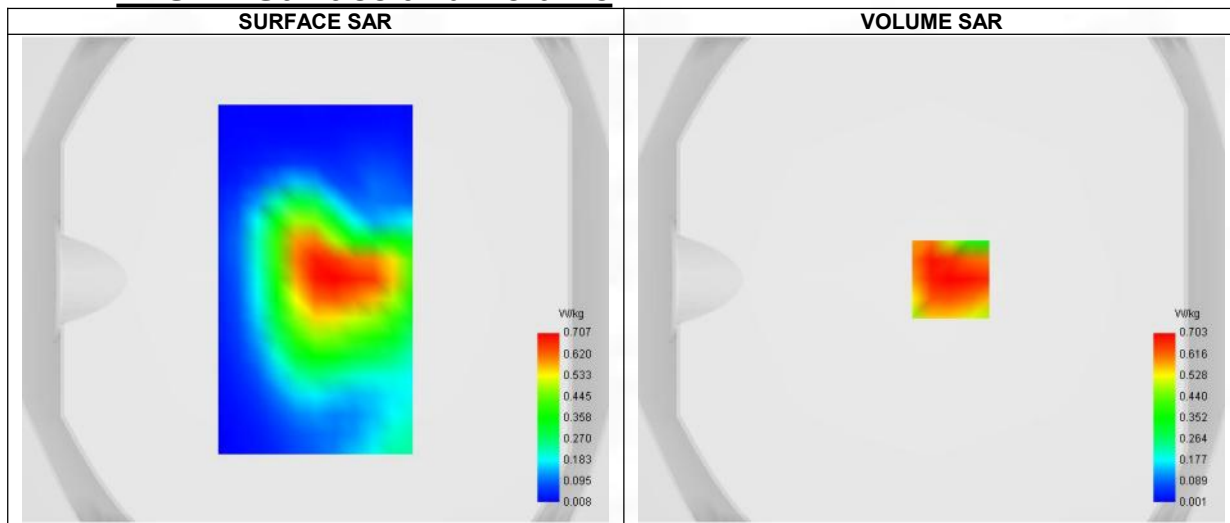
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Channels/Frequency	Higher (26590)/ frequency 1905.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1905.090
Relative permittivity (real part)	39.584
Relative permittivity (imaginary part)	13.273
Conductivity (S/m)	1.465

C. SAR Surface and Volume

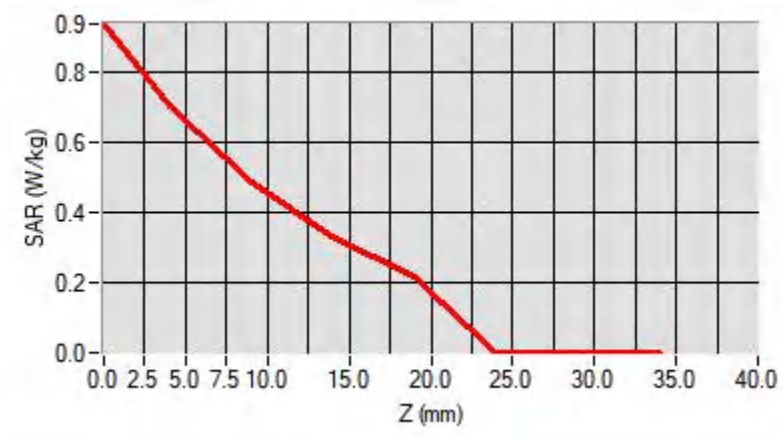


D. SAR 1g & 10g

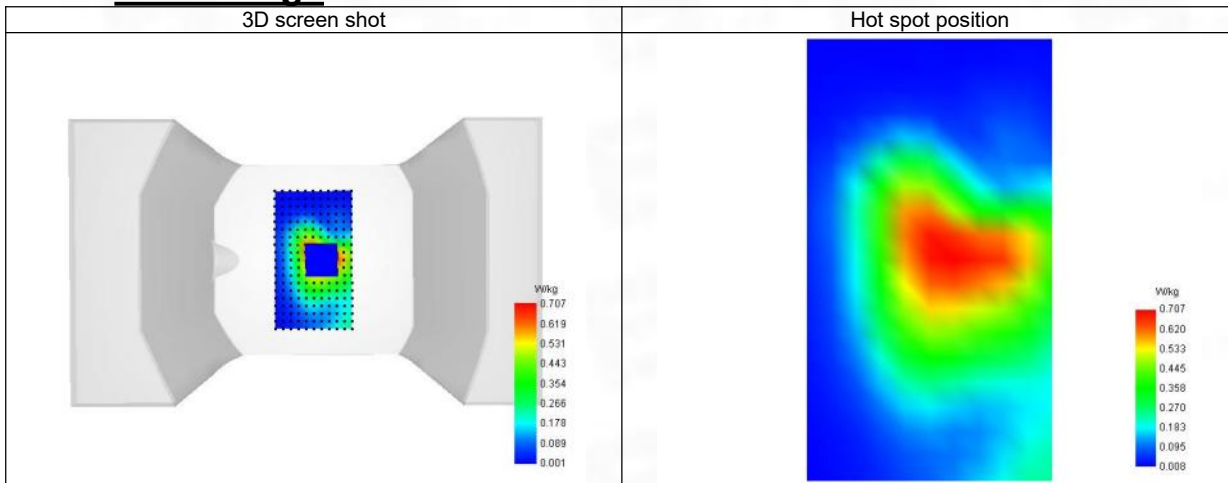
SAR 10g (W/Kg)	0.428
SAR 1g (W/Kg)	0.694
Variation (%)	-2.760
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.907621

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.938	0.703	0.485	0.333	0.219	0.003	0.002



F. 3D Image



20-Limb with front position in dist. 0mm on Channel 26590 in LTE band 25

SAR Measurement at LTE band 25 (Body, Validation Plane)

Date of measurement: 18/10/2025

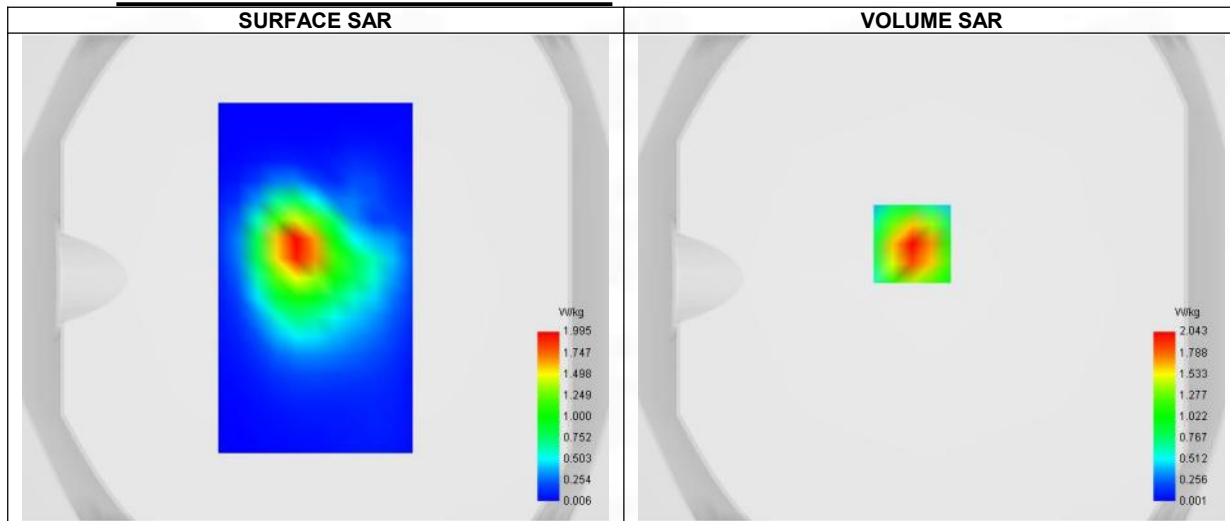
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Channels/Frequency	Higher (26590)/ frequency 1905.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1905.090
Relative permittivity (real part)	39.584
Relative permittivity (imaginary part)	13.273
Conductivity (S/m)	1.465

C. SAR Surface and Volume

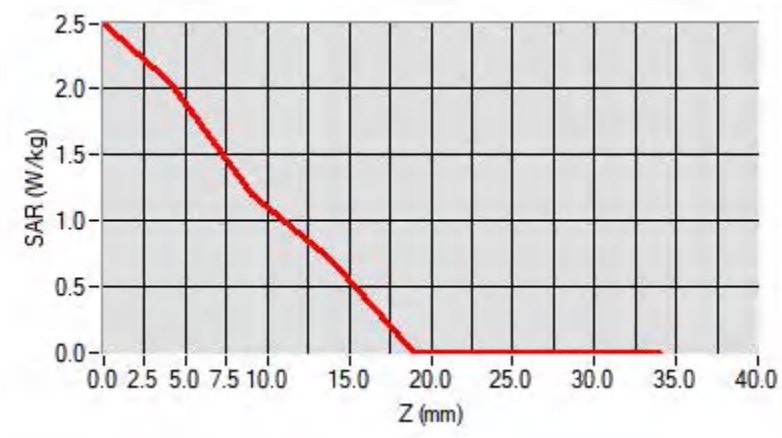


D. SAR 1g & 10g

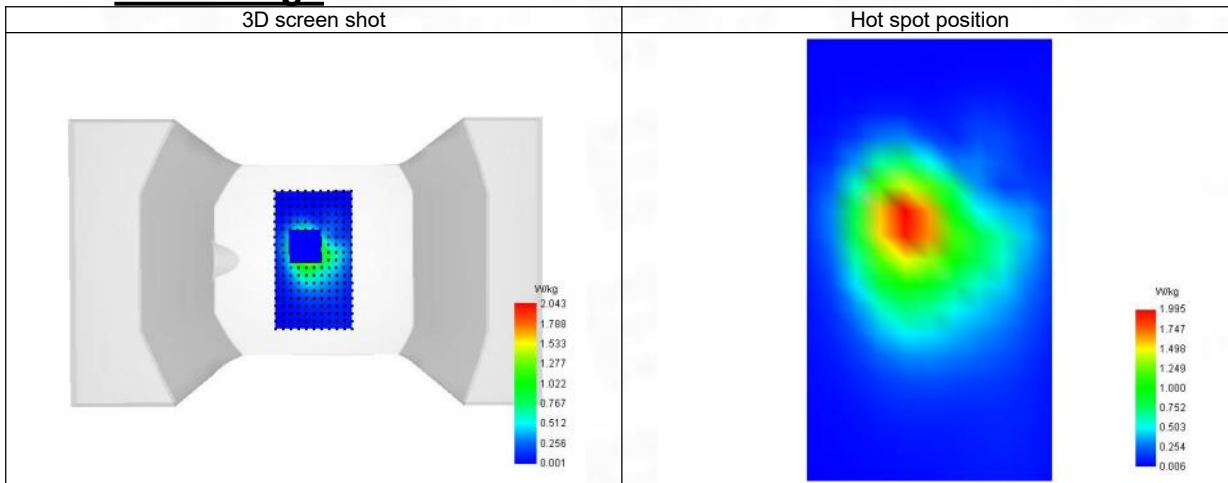
SAR 10g (W/Kg)	0.935
SAR 1g (W/Kg)	1.764
Variation (%)	-2.370
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.460147

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.479	2.043	1.194	0.691	0.002	0.001	0.001



F. 3D Image



21-Body with front position in dist. 5mm on Channel 26740 in LTE band 26 part 90

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 14/10/2025

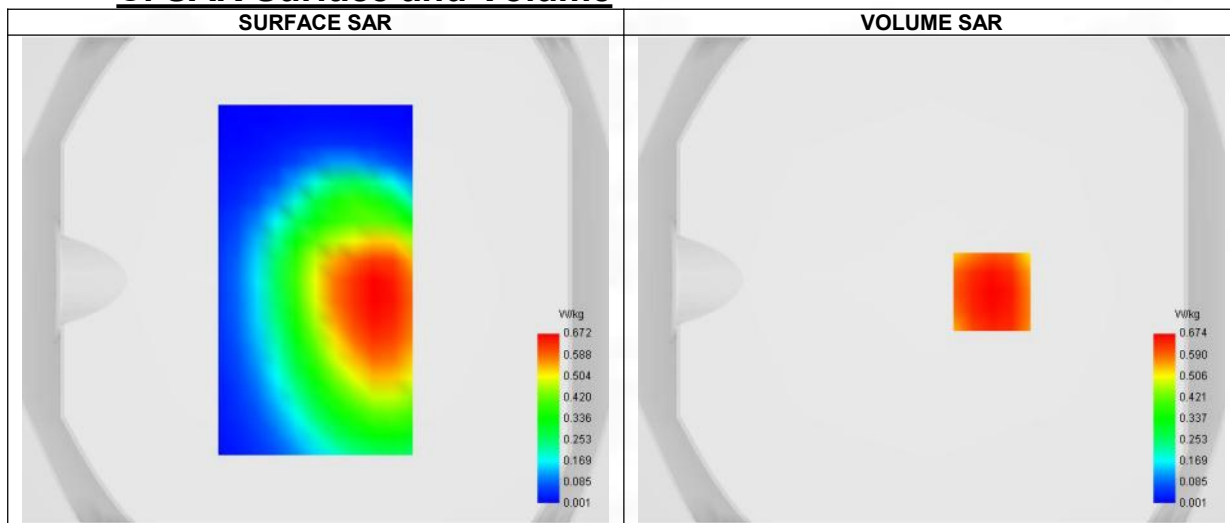
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels/Frequency	Lower (26740)/ frequency 819.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	25
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	819.090
Relative permittivity (real part)	41.860
Relative permittivity (imaginary part)	20.172
Conductivity (S/m)	0.910

C. SAR Surface and Volume



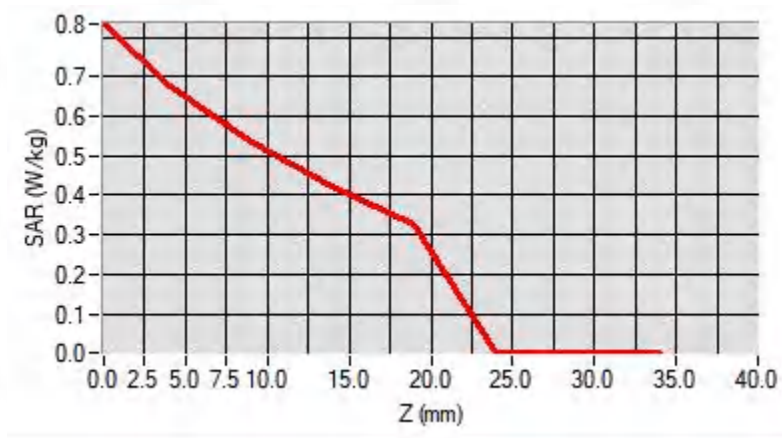
Maximum location: X=25.00, Y=-5.00 ; SAR Peak: 0.98 W/kg

D. SAR 1g & 10g

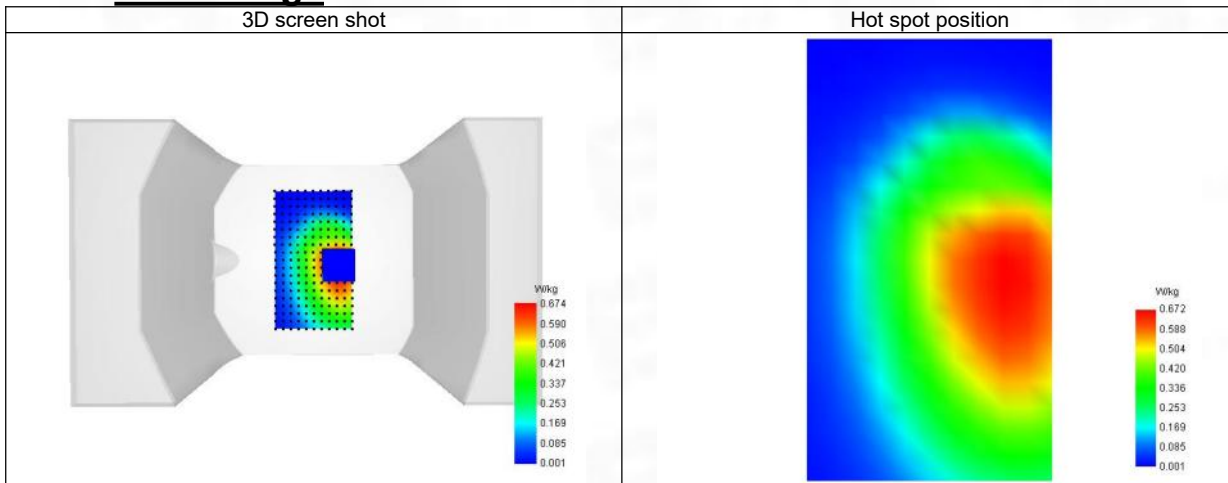
SAR 10g (W/Kg)	0.465
SAR 1g (W/Kg)	0.718
Variation (%)	-3.540
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	79.204841

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.834	0.674	0.534	0.421	0.324	0.001	0.001



F. 3D Image



22-Limb with front position in dist. 0mm on Channel 26740 in LTE band 26 part 90

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 14/10/2025

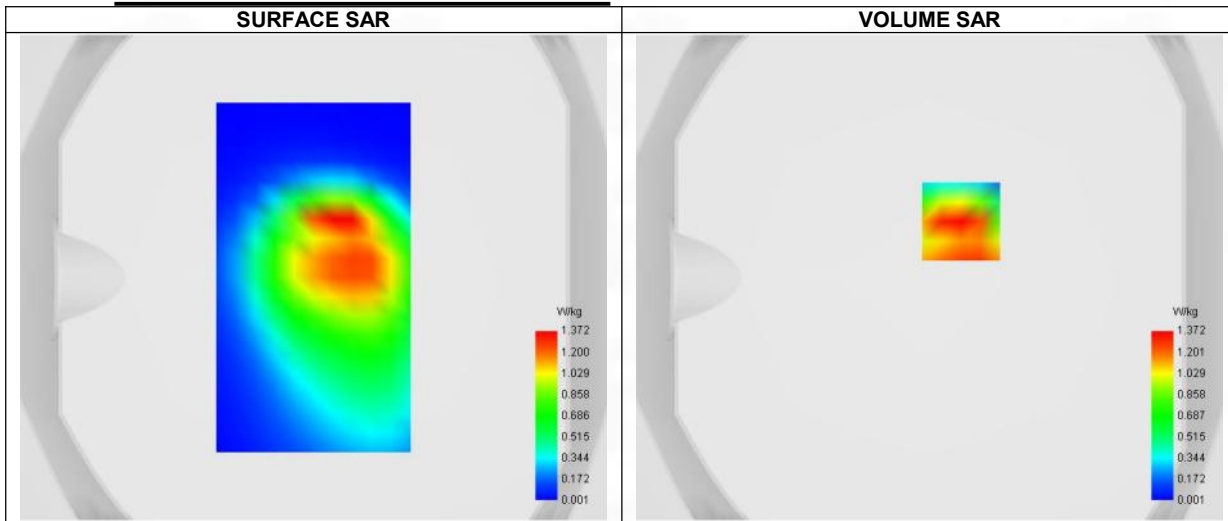
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels/Frequency	Lower (26740)/ frequency 819.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	25
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	819.090
Relative permittivity (real part)	41.860
Relative permittivity (imaginary part)	20.172
Conductivity (S/m)	0.910

C. SAR Surface and Volume



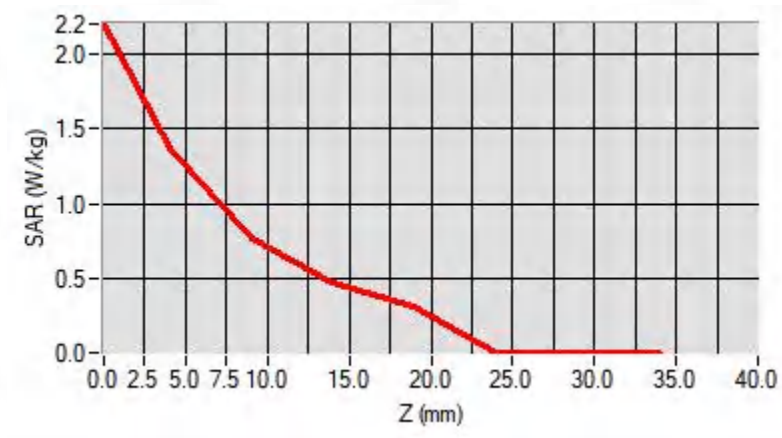
Maximum location: X=13.00, Y=23.00 ; SAR Peak: 2.23 W/kg

D. SAR 1g & 10g

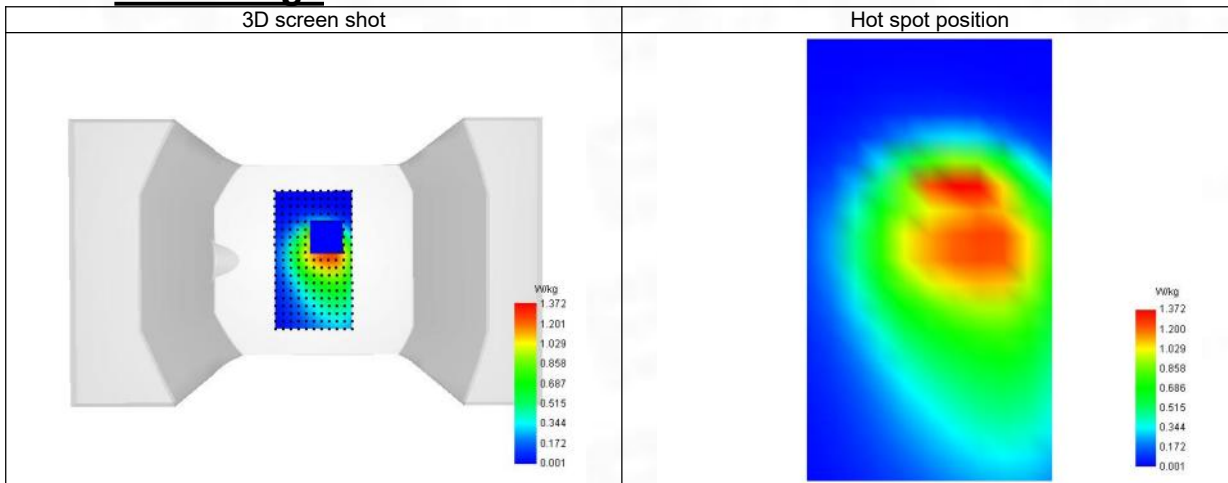
SAR 10g (W/Kg)	0.630
SAR 1g (W/Kg)	1.305
Variation (%)	-1.090
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.921551

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.201	1.372	0.767	0.475	0.309	0.001	0.001



F. 3D Image



23-Body with front position in dist. 5mm on Channel 26865 in LTE band 26 part 22

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 14/10/2025

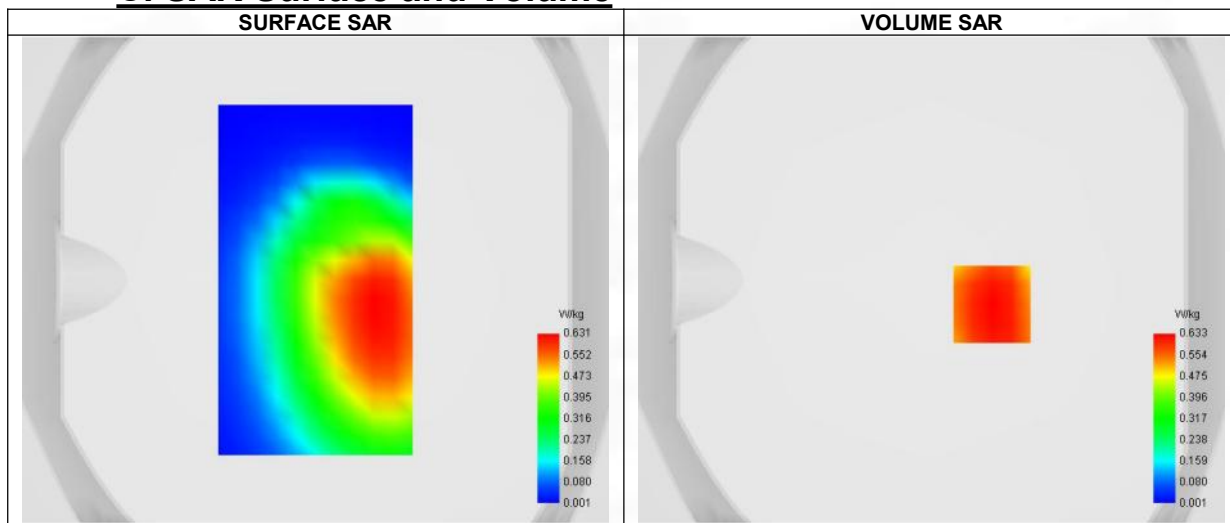
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels/Frequency	Middle (26865)/ frequency 831.500 Mhz
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	824.840
Relative permittivity (real part)	41.832
Relative permittivity (imaginary part)	20.051
Conductivity (S/m)	0.911

C. SAR Surface and Volume



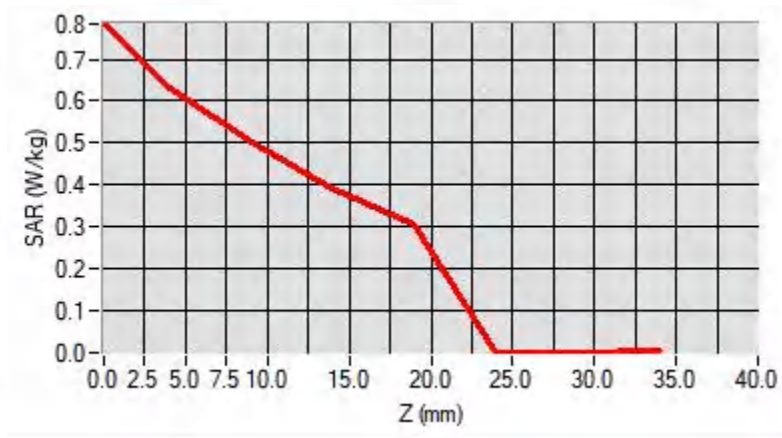
Maximum location: X=25.00, Y=-10.00 ; SAR Peak: 0.94 W/kg

D. SAR 1g & 10g

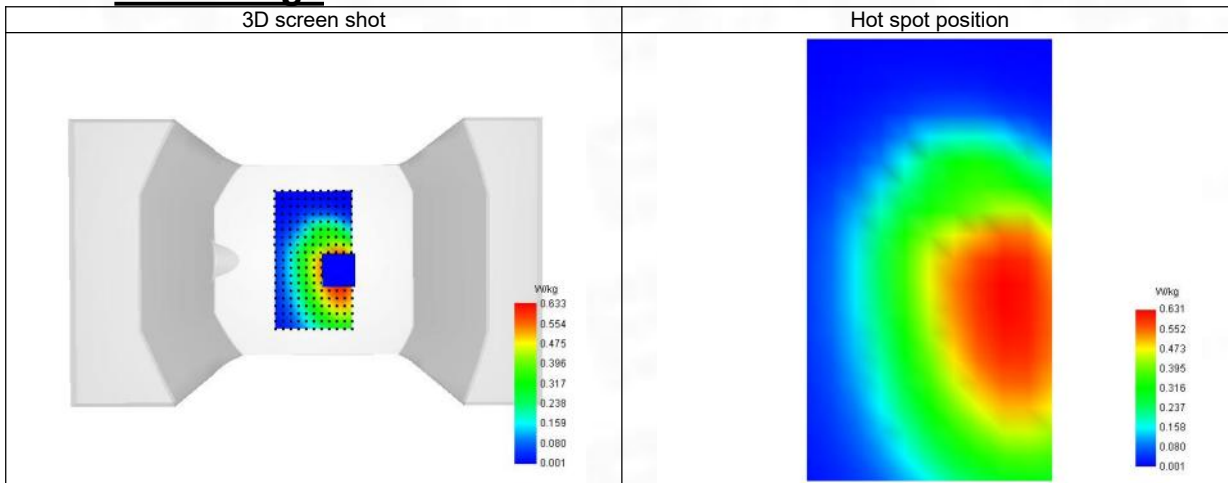
SAR 10g (W/Kg)	0.433
SAR 1g (W/Kg)	0.679
Variation (%)	-1.590
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	79.384797

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.784	0.633	0.502	0.394	0.305	0.002	0.001



F. 3D Image



24-Limb with front position in dist. 0mm on Channel 26865 in LTE band 26 part 22

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 14/10/2025

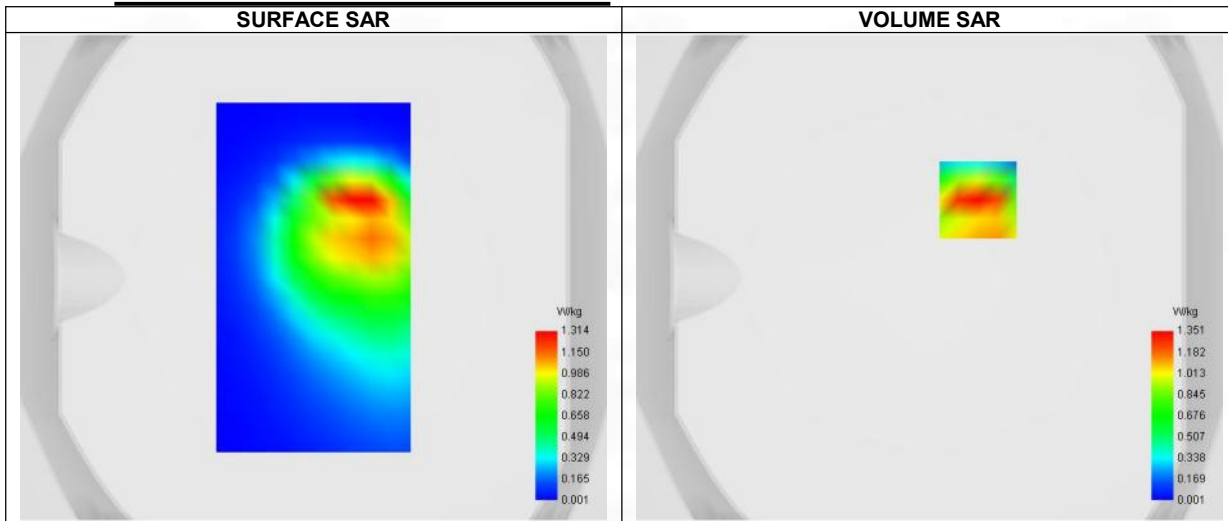
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels/Frequency	Middle (26865)/ frequency 831.500 Mhz
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	824.840
Relative permittivity (real part)	41.832
Relative permittivity (imaginary part)	20.051
Conductivity (S/m)	0.911

C. SAR Surface and Volume

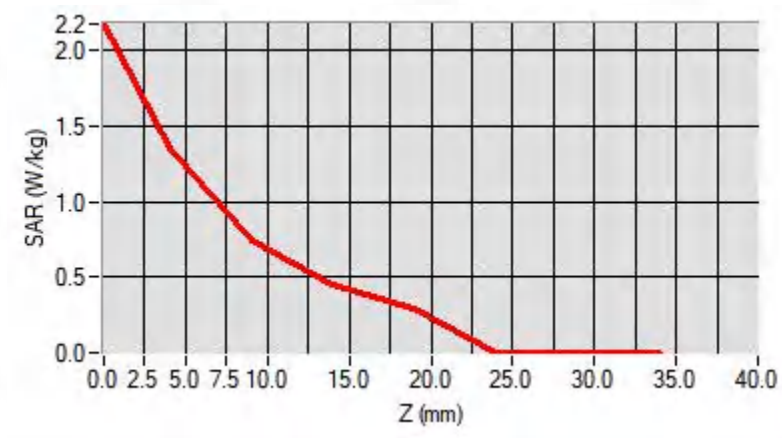


D. SAR 1g & 10g

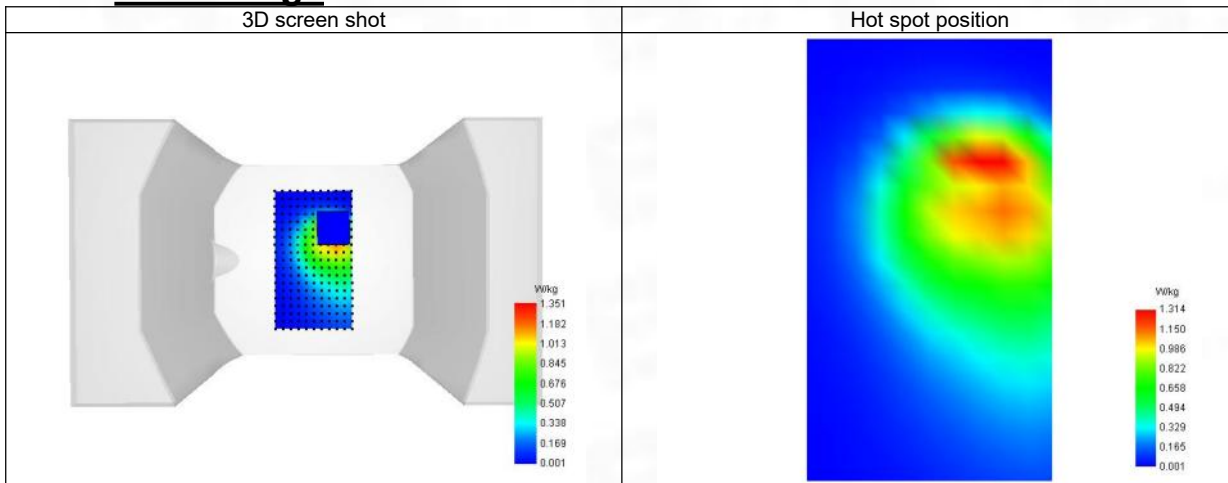
SAR 10g (W/Kg)	0.645
SAR 1g (W/Kg)	1.280
Variation (%)	-1.500
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.351161

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.173	1.351	0.748	0.452	0.289	0.002	0.001



F. 3D Image



25-Body with front position in dist. 5mm on Channel 40250 in LTE band 41

SAR Measurement at LTE band 41 (Body, Validation Plane)

Date of measurement: 19/10/2025

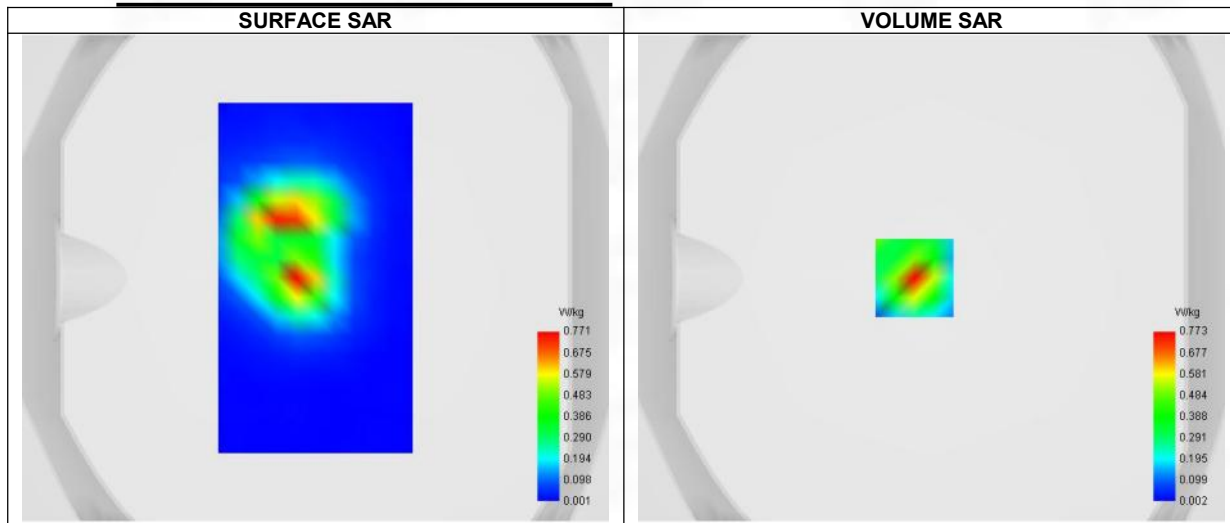
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels/Frequency	Lower (40250)/ frequency 2556.000 Mhz
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Middle TX Frequency (MHz)	2556.090
Relative permittivity (real part)	38.689
Relative permittivity (imaginary part)	12.839
Conductivity (S/m)	1.902

C. SAR Surface and Volume



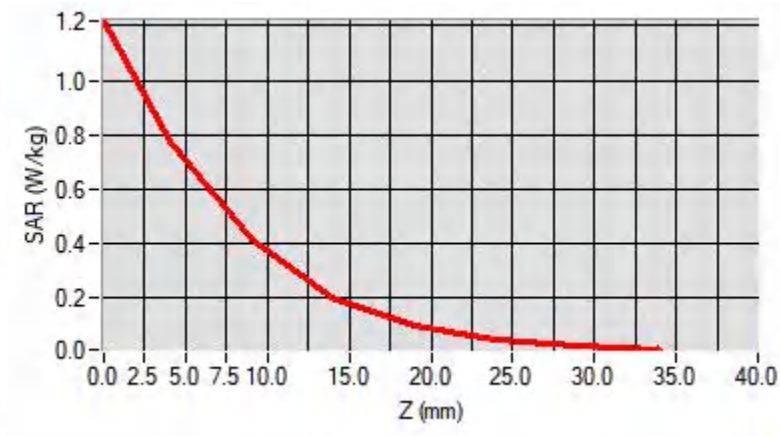
Maximum location: X=-7.00, Y=0.00 ; SAR Peak: 1.21 W/kg

D. SAR 1g & 10g

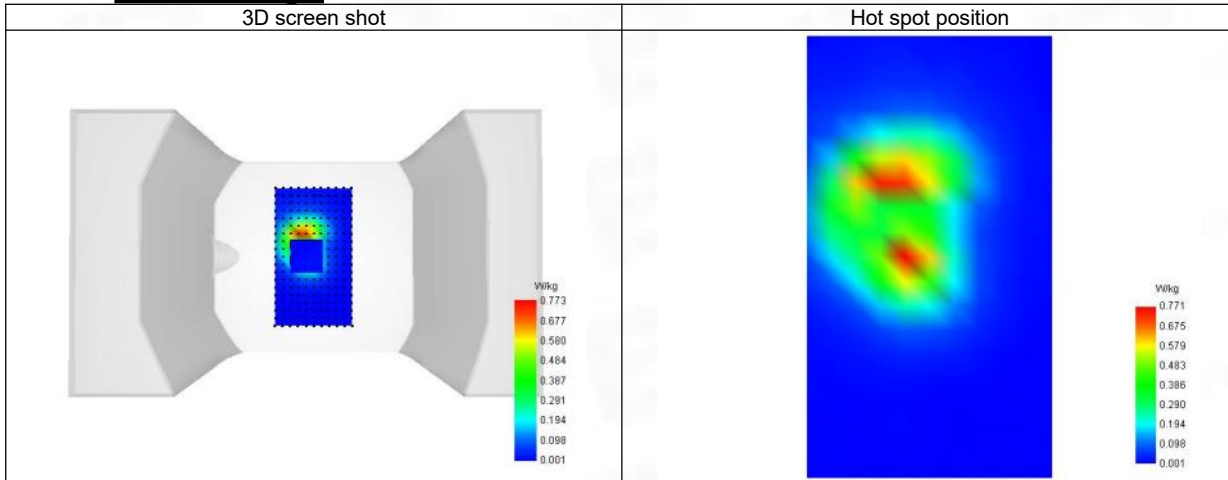
SAR 10g (W/Kg)	0.301
SAR 1g (W/Kg)	0.678
Variation (%)	-4.820
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.554786

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.217	0.773	0.414	0.205	0.098	0.049	0.023



F. 3D Image



26-Limb with front position in dist. 0mm on Channel 40250 in LTE band 41

SAR Measurement at LTE band 41 (Body, Validation Plane)

Date of measurement: 19/10/2025

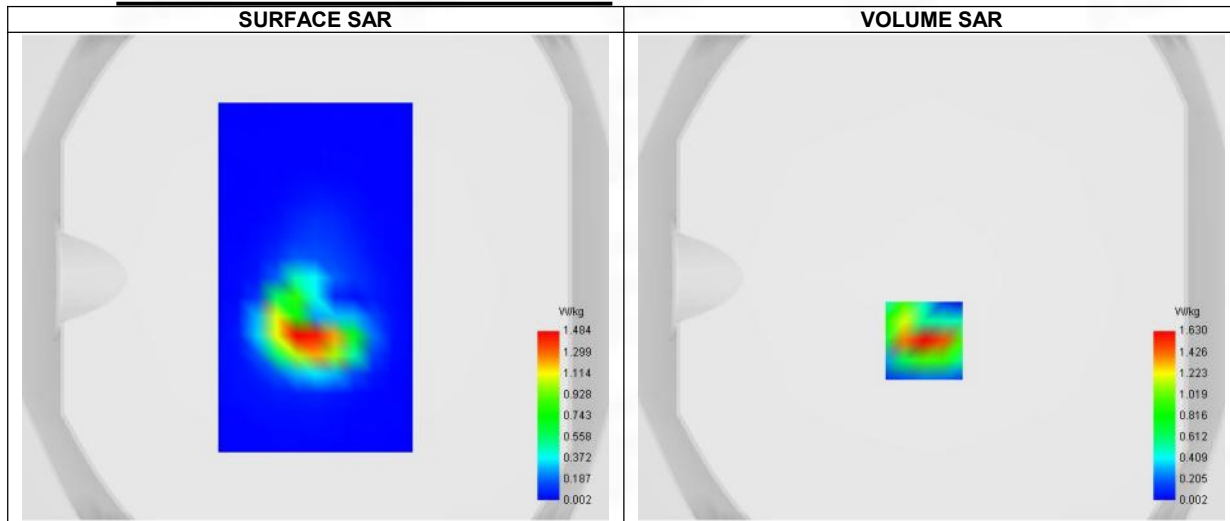
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels/Frequency	Lower (40250)/ frequency 2556.000 Mhz
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Middle TX Frequency (MHz)	2556.090
Relative permittivity (real part)	38.689
Relative permittivity (imaginary part)	12.839
Conductivity (S/m)	1.902

C. SAR Surface and Volume



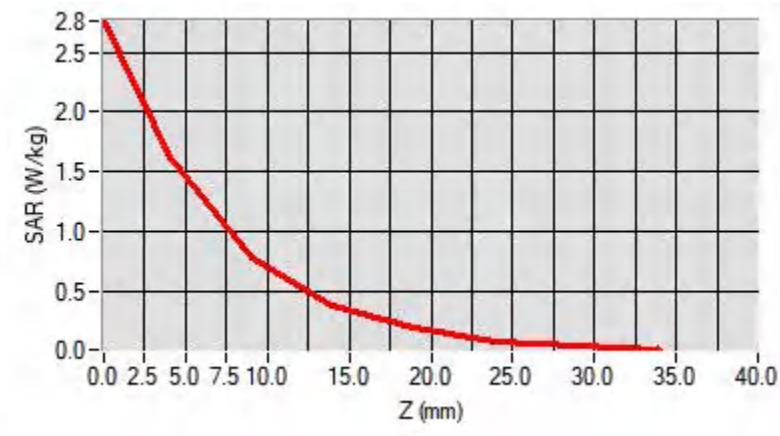
Maximum location: X=-3.00, Y=-26.00 ; SAR Peak: 2.77 W/kg

D. SAR 1g & 10g

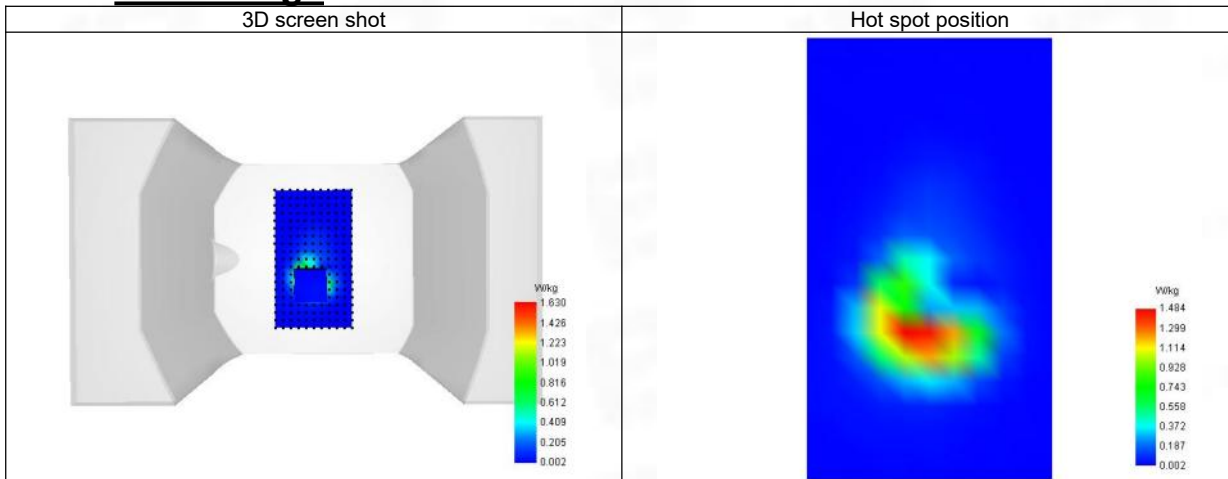
SAR 10g (W/Kg)	0.617
SAR 1g (W/Kg)	1.437
Variation (%)	4.890
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	48.710041

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.759	1.630	0.794	0.398	0.198	0.096	0.052



F. 3D Image



27-Body with front position in dist. 5mm on Channel 132572 in LTE band 66

SAR Measurement at LTE band 66 (Body, Validation Plane)

Date of measurement: 16/10/2025

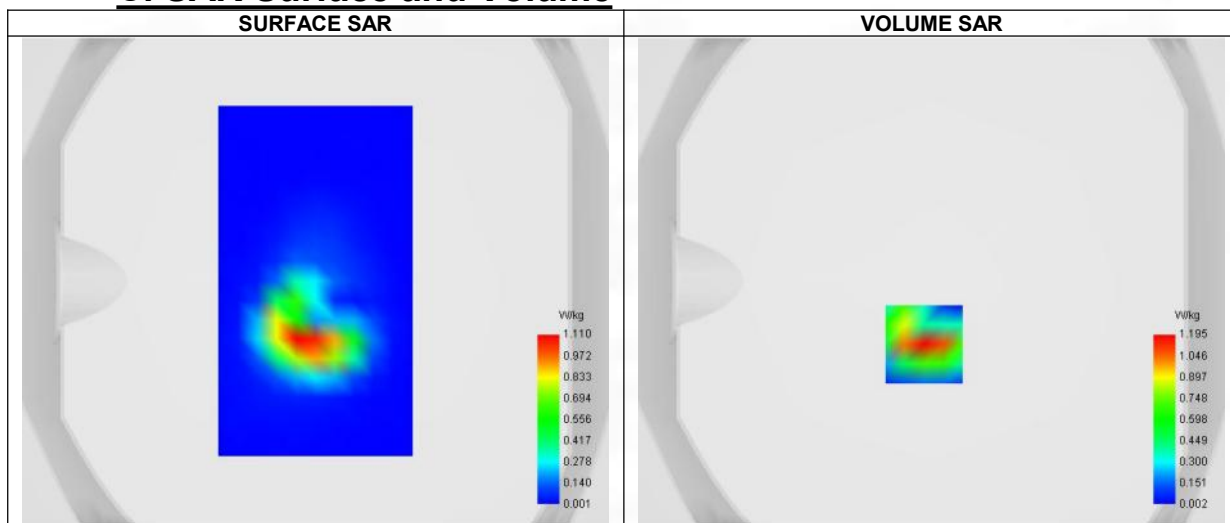
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels/Frequency	Higher (132572)/ frequency 1770.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1770.090
Relative permittivity (real part)	40.077
Relative permittivity (imaginary part)	14.259
Conductivity (S/m)	1.405

C. SAR Surface and Volume



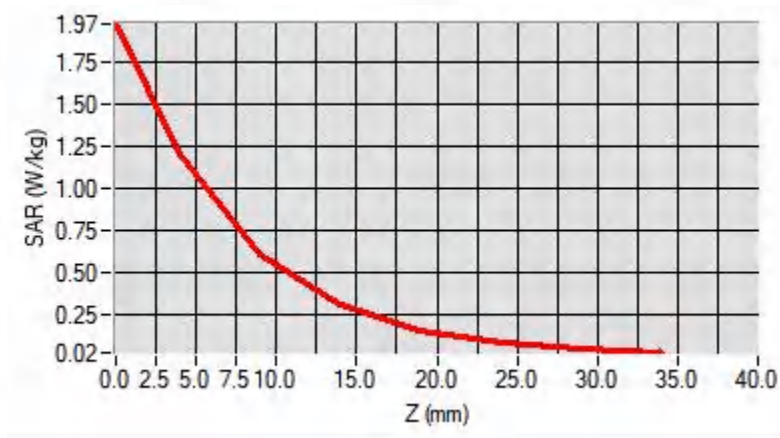
Maximum location: X=-3.00, Y=-26.00 ; SAR Peak: 1.98 W/kg

D. SAR 1g & 10g

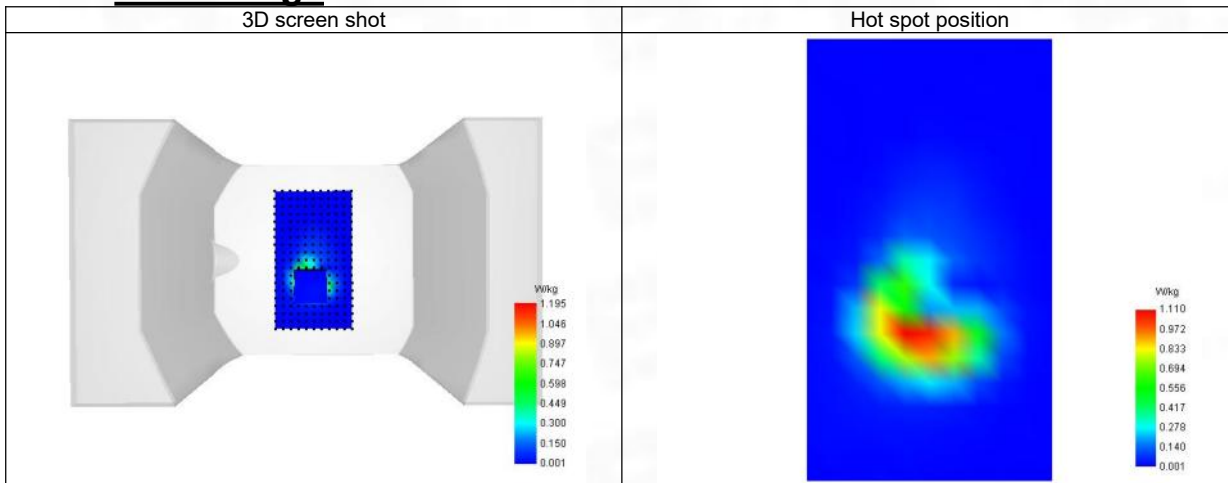
SAR 10g (W/Kg)	0.455
SAR 1g (W/Kg)	1.047
Variation (%)	0.330
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	50.715407

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.972	1.195	0.606	0.301	0.153	0.074	0.039



F. 3D Image



28-Limb with front position in dist. 0mm on Channel 132572 in LTE band 66

SAR Measurement at LTE band 66 (Body, Validation Plane)

Date of measurement: 16/10/2025

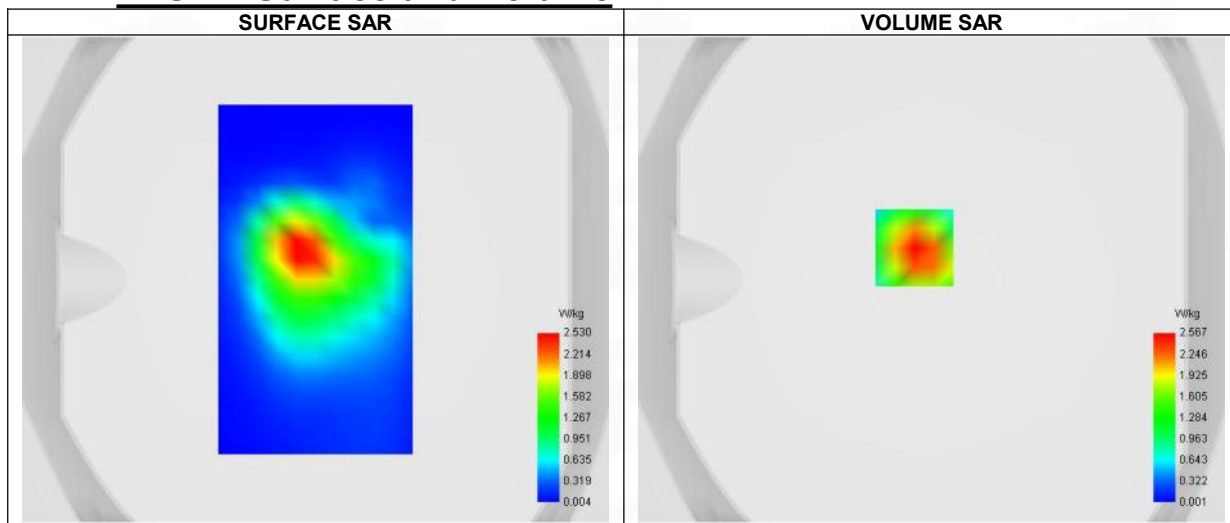
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels/Frequency	Higher (132572)/ frequency 1770.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1770.090
Relative permittivity (real part)	40.077
Relative permittivity (imaginary part)	14.259
Conductivity (S/m)	1.405

C. SAR Surface and Volume



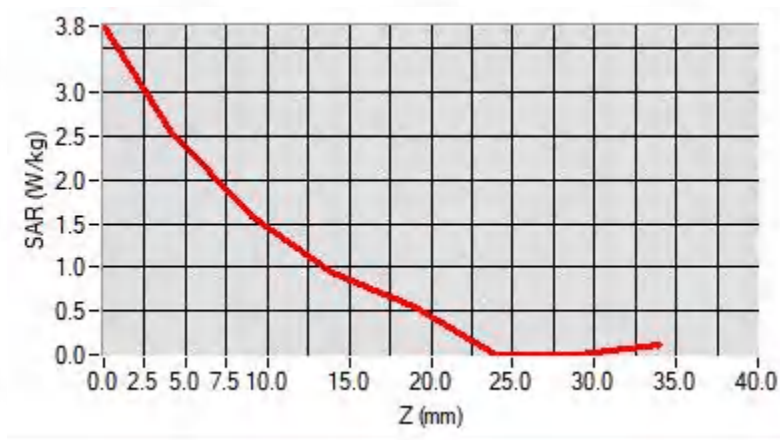
Maximum location: X=-7.00, Y=13.00 ; SAR Peak: 3.77 W/kg

D. SAR 1g & 10g

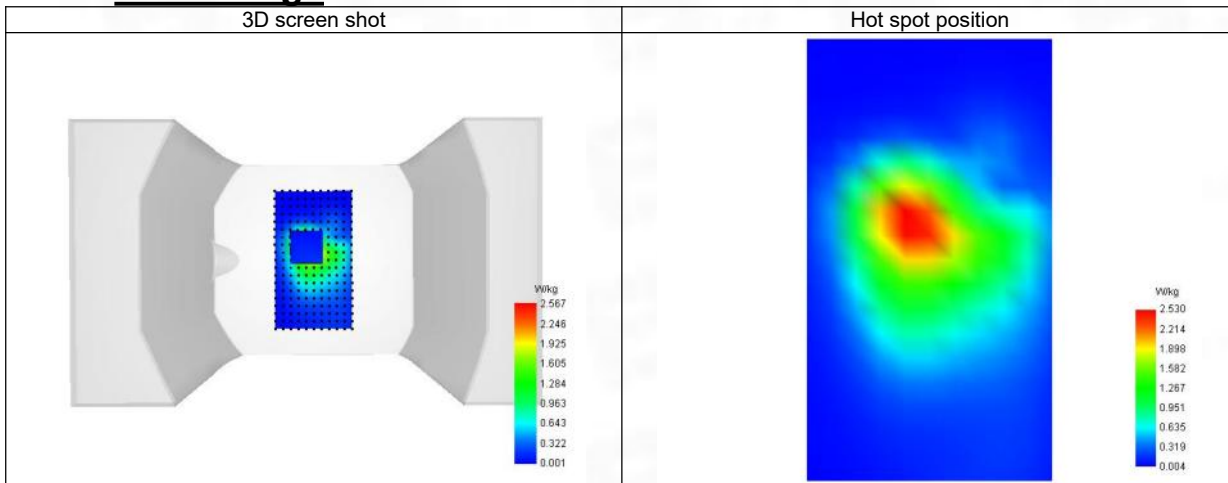
SAR 10g (W/Kg)	1.343
SAR 1g (W/Kg)	2.463
Variation (%)	4.520
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.492492

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.759	2.567	1.578	0.947	0.561	0.006	0.001



F. 3D Image



29-Body with front position in dist. 5mm on Channel 133322 in LTE band 71

SAR Measurement at LTE band 71 (Body, Validation Plane)

Date of measurement: 12/10/2025

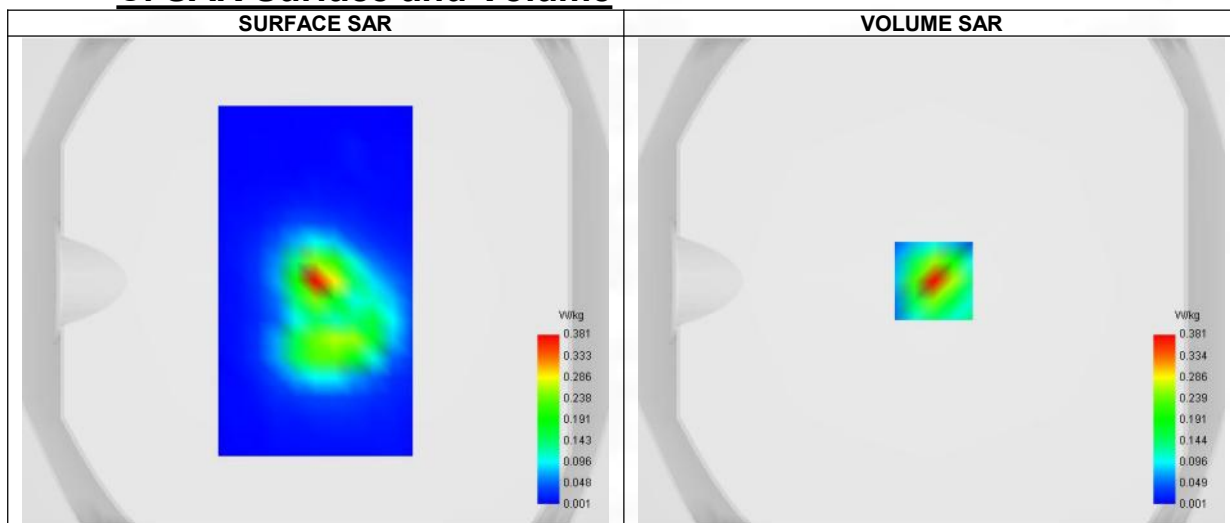
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 71
Channels/Frequency	Middle (133322)/ frequency 683.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	683.090
Relative permittivity (real part)	42.514
Relative permittivity (imaginary part)	23.057
Conductivity (S/m)	0.875

C. SAR Surface and Volume



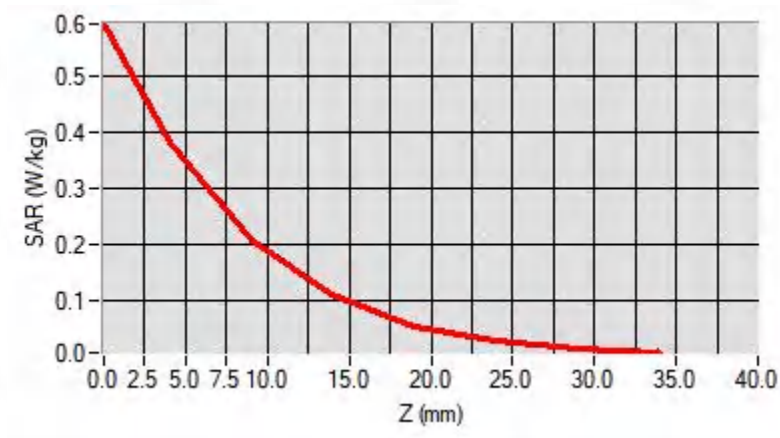
Maximum location: X=1.00, Y=0.00 ; SAR Peak: 0.59 W/kg

D. SAR 1g & 10g

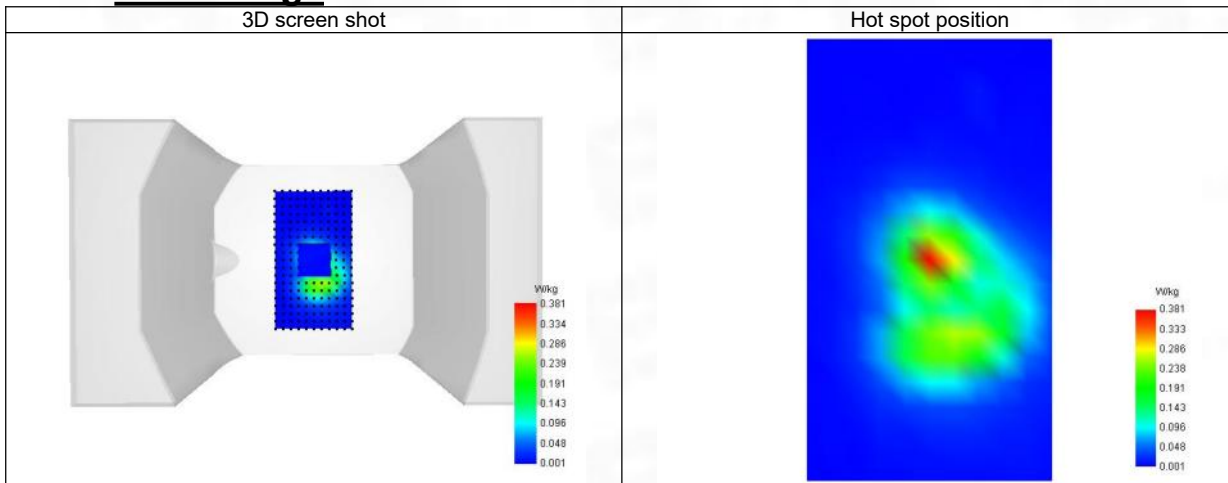
SAR 10g (W/Kg)	0.142
SAR 1g (W/Kg)	0.329
Variation (%)	2.360
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.276703

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.595	0.381	0.207	0.108	0.053	0.027	0.013



F. 3D Image



30-Limb with front position in dist. 0mm on Channel 133322 in LTE band 71

SAR Measurement at LTE band 71 (Body, Validation Plane)

Date of measurement: 12/10/2025

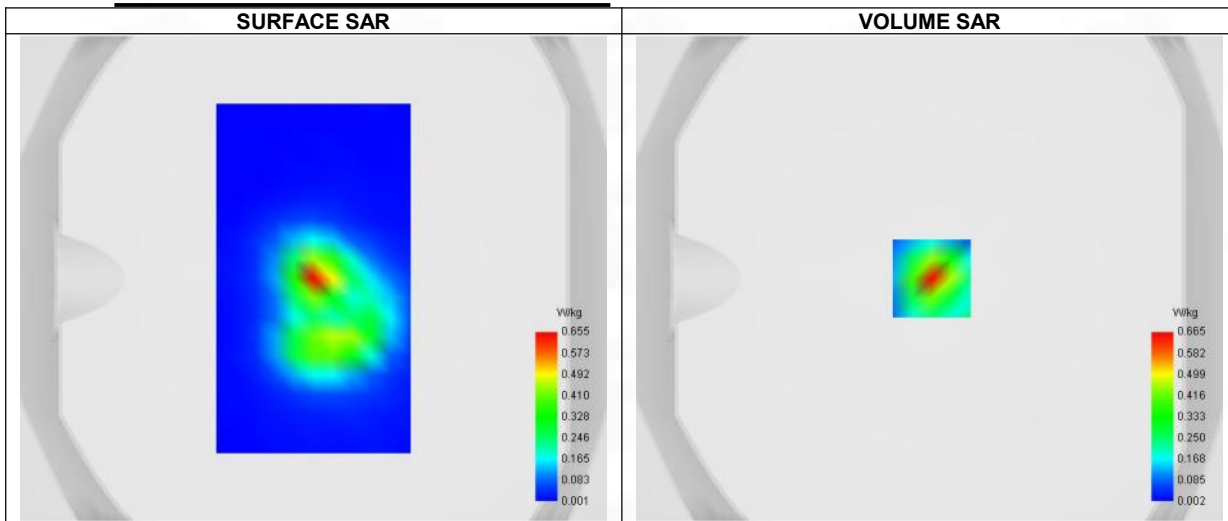
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 71
Channels/Frequency	Middle (133322)/ frequency 683.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	683.090
Relative permittivity (real part)	42.514
Relative permittivity (imaginary part)	23.057
Conductivity (S/m)	0.875

C. SAR Surface and Volume

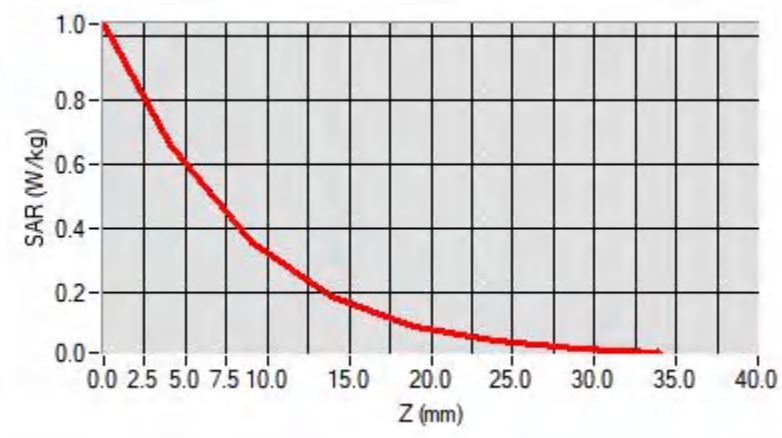


D. SAR 1g & 10g

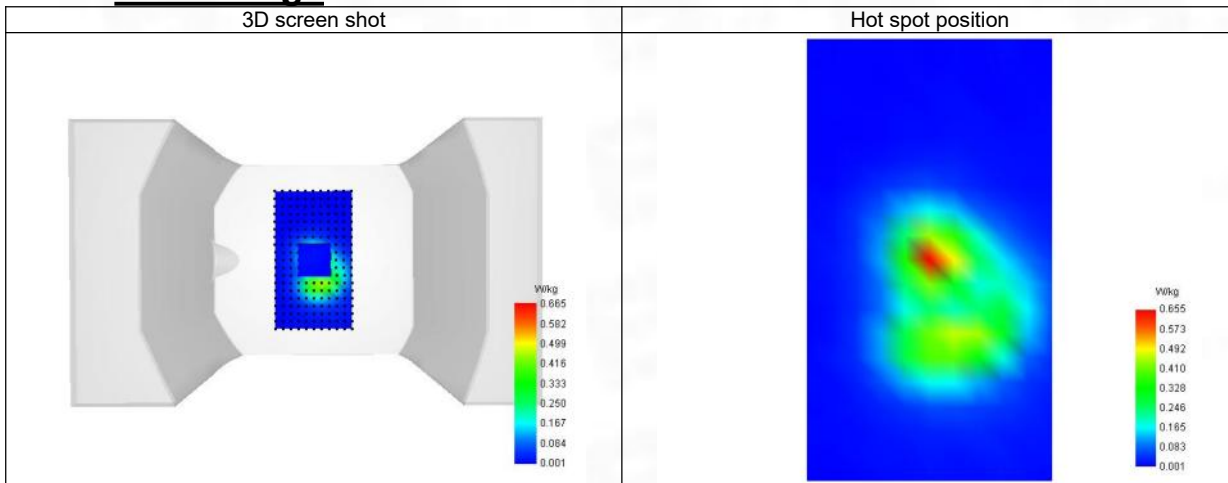
SAR 10g (W/Kg)	0.245
SAR 1g (W/Kg)	0.574
Variation (%)	-1.700
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.229877

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.040	0.665	0.361	0.187	0.094	0.048	0.025



F. 3D Image



31-Body with front position in dist. 5mm on Channel 378000 in NR band 2

SAR Measurement at NR band 2 (Body, Validation Plane)

Date of measurement: 18/10/2025

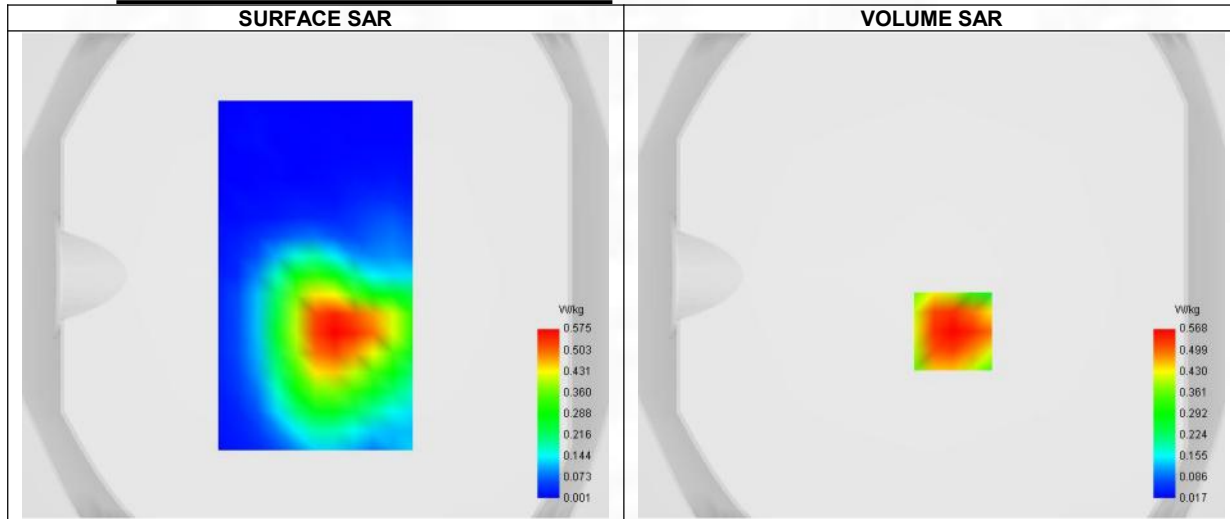
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 2
Channels/Frequency	Higher (378000)/ frequency 1890.000 Mhz
Signal	NR FDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1873.260
Relative permittivity (real part)	39.706
Relative permittivity (imaginary part)	13.488
Conductivity (S/m)	1.451

C. SAR Surface and Volume



Maximum location: X=9.00, Y=-23.00 ; SAR Peak: 0.77 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.348
SAR 1g (W/Kg)	0.543
Variation (%)	3.130
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.917945

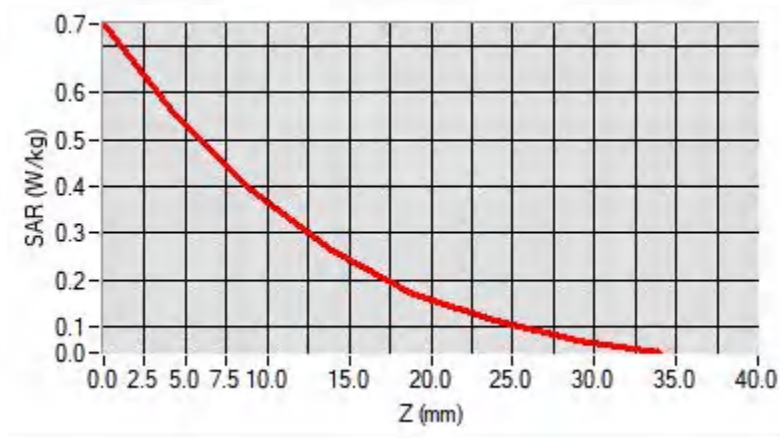
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.747	0.568	0.391	0.264	0.169	0.114	0.072

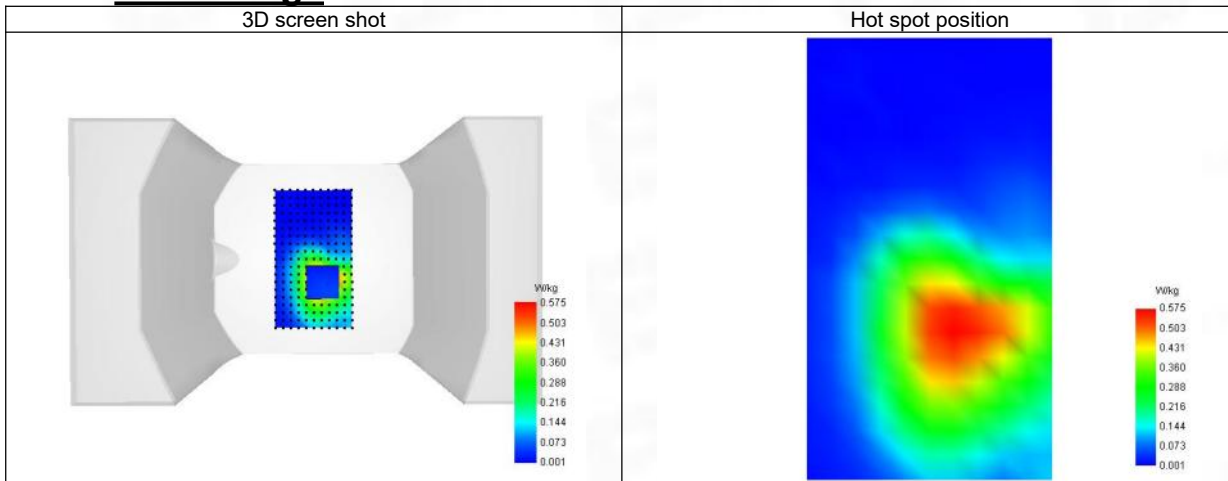
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BTF Testing Lab (Shenzhen) Co., Ltd.

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F. 3D Image



32-Limb with front position in dist. 0mm on Channel 378000 in NR band 2

SAR Measurement at NR band 2 (Body, Validation Plane)

Date of measurement: 18/10/2025

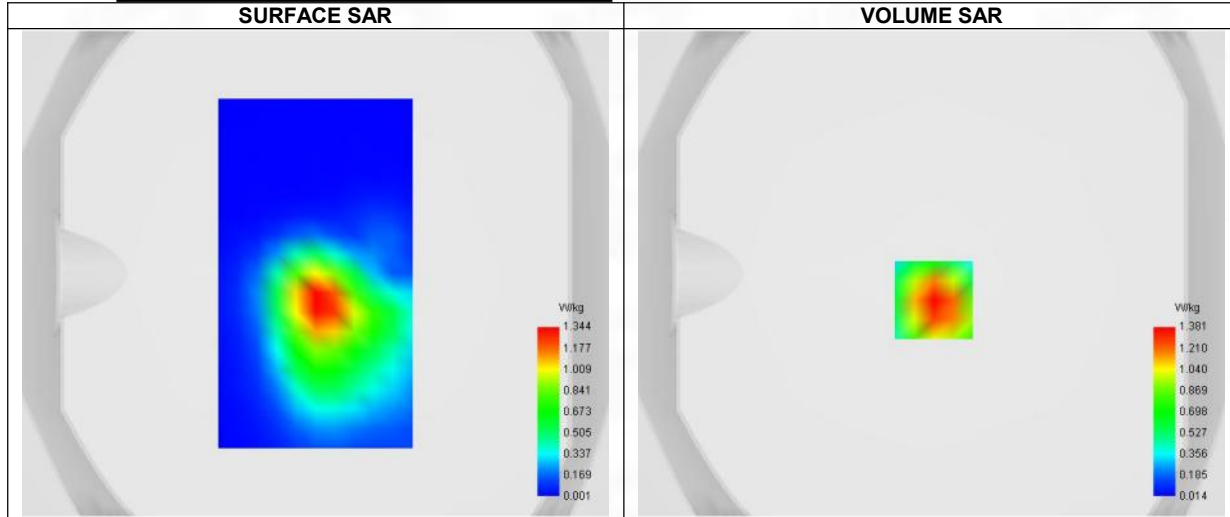
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 2
Channels/Frequency	Higher (378000)/ frequency 1890.000 Mhz
Signal	NR FDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1873.260
Relative permittivity (real part)	39.706
Relative permittivity (imaginary part)	13.488
Conductivity (S/m)	1.451

C. SAR Surface and Volume

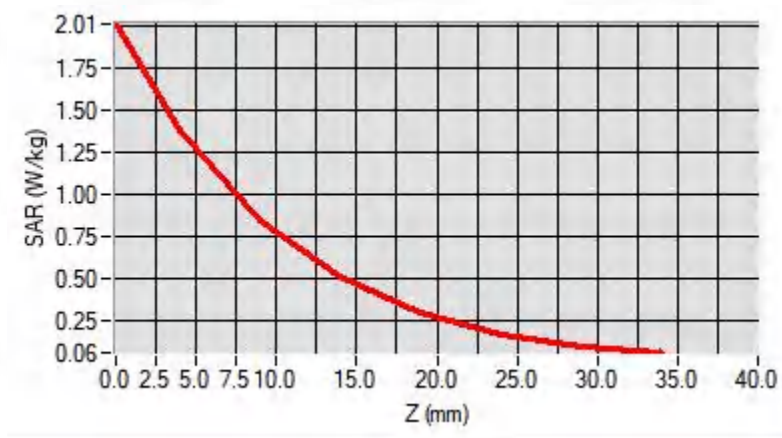


D. SAR 1g & 10g

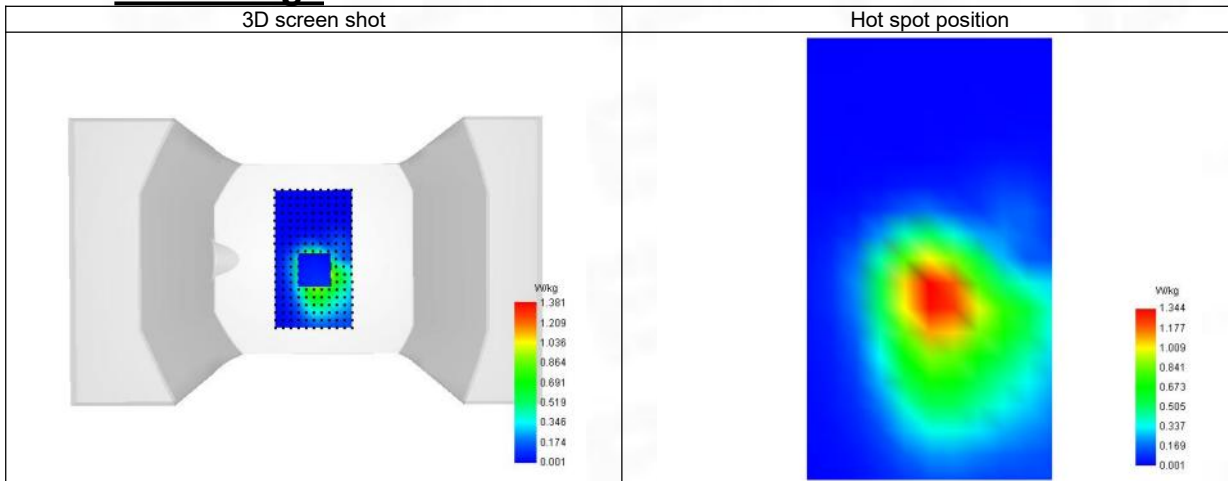
SAR 10g (W/Kg)	0.734
SAR 1g (W/Kg)	1.303
Variation (%)	0.540
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.880788

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.007	1.381	0.841	0.507	0.294	0.173	0.102



F. 3D Image



33-Body with front position in dist. 5mm on Channel 167300 in NR band 5

SAR Measurement at NR band 5 (Body, Validation Plane)

Date of measurement: 14/10/2025

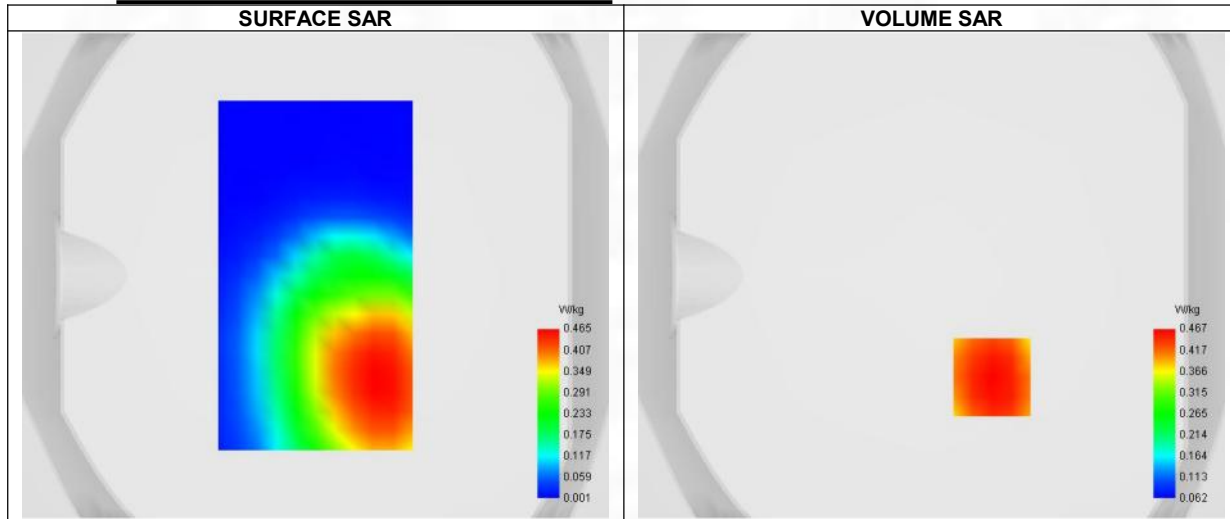
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 5
Channels/Frequency	Middle (167300)/ frequency 836.500 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	829.660
Relative permittivity (real part)	41.809
Relative permittivity (imaginary part)	19.948
Conductivity (S/m)	0.913

C. SAR Surface and Volume



Maximum location: X=25.00, Y=-42.00 ; SAR Peak: 0.57 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.344
SAR 1g (W/Kg)	0.455
Variation (%)	2.340
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	78.592254

E. Z Axis Scan

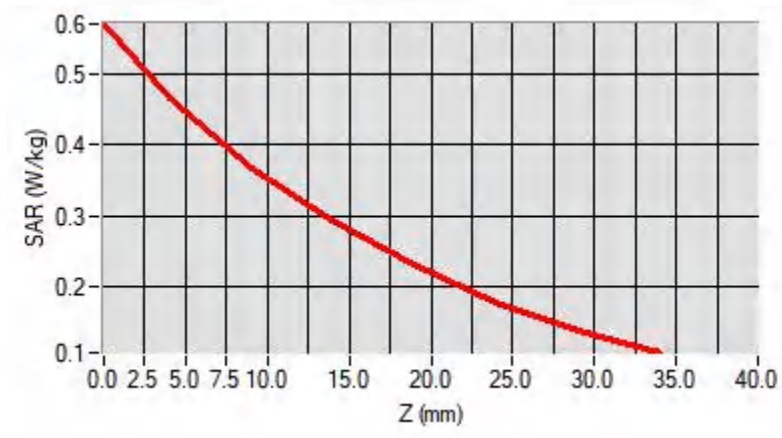
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.570	0.467	0.367	0.293	0.231	0.178	0.139

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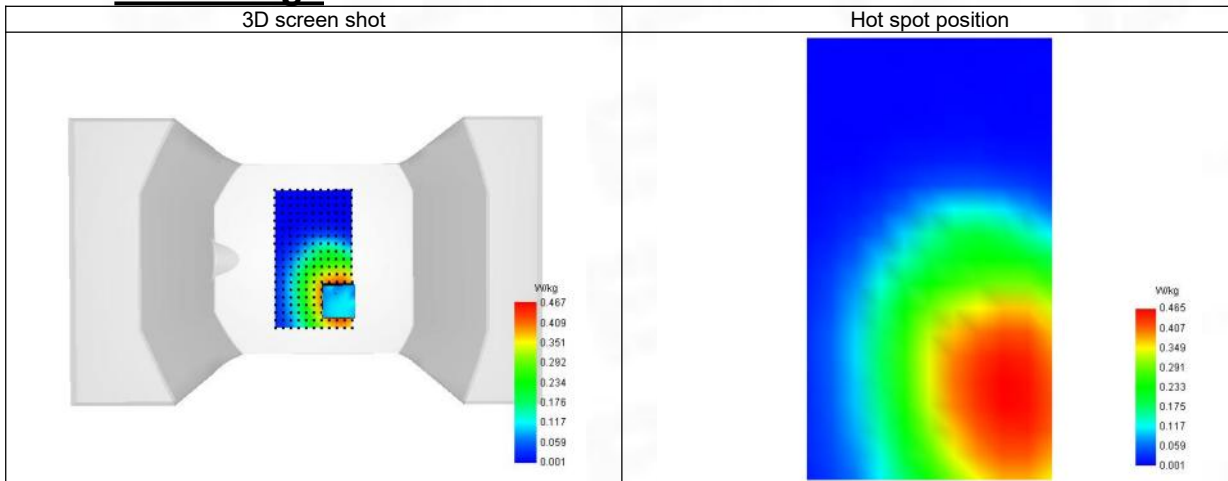
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F. 3D Image



34-Limb with front position in dist. 0mm on Channel 167300 in NR band 5

SAR Measurement at NR band 5 (Body, Validation Plane)

Date of measurement: 14/10/2025

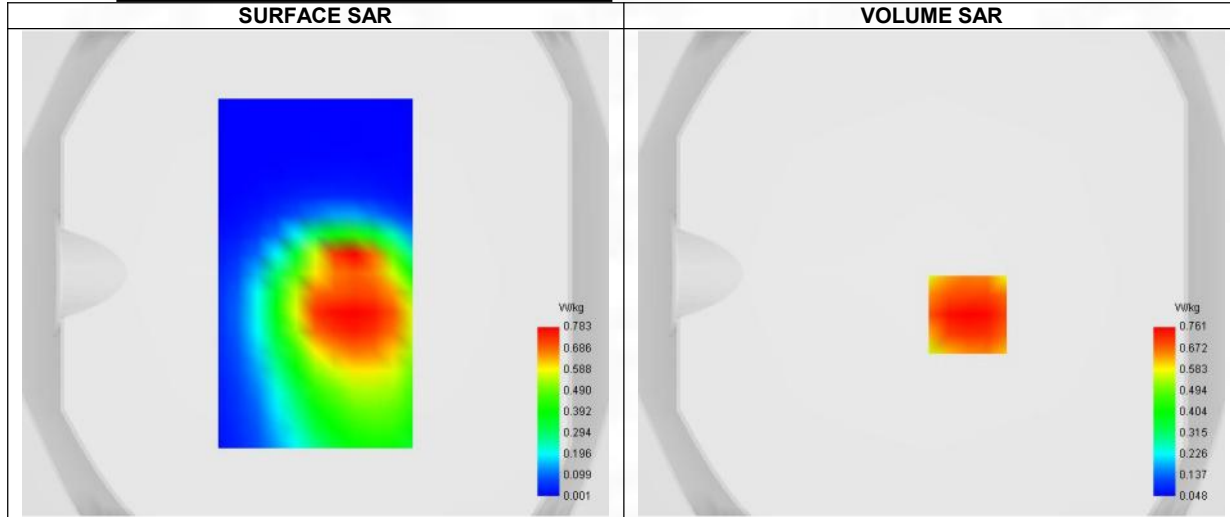
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.15
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 5
Channels/Frequency	Middle (167300)/ frequency 836.500 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	829.660
Relative permittivity (real part)	41.809
Relative permittivity (imaginary part)	19.948
Conductivity (S/m)	0.913

C. SAR Surface and Volume



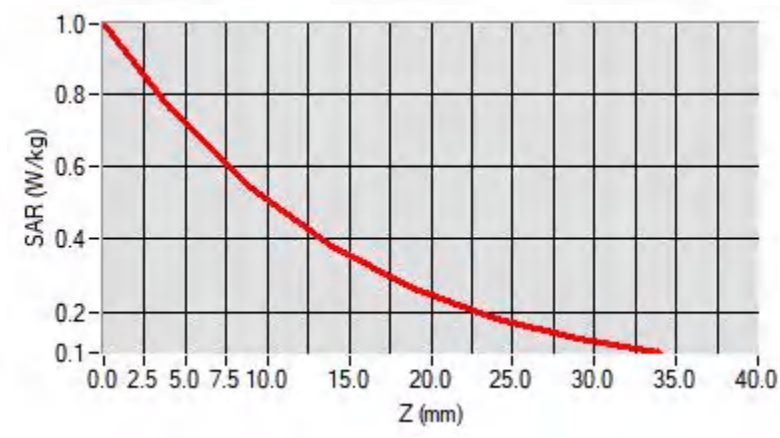
Maximum location: X=15.00, Y=-17.00 ; SAR Peak: 1.01 W/kg

D. SAR 1g & 10g

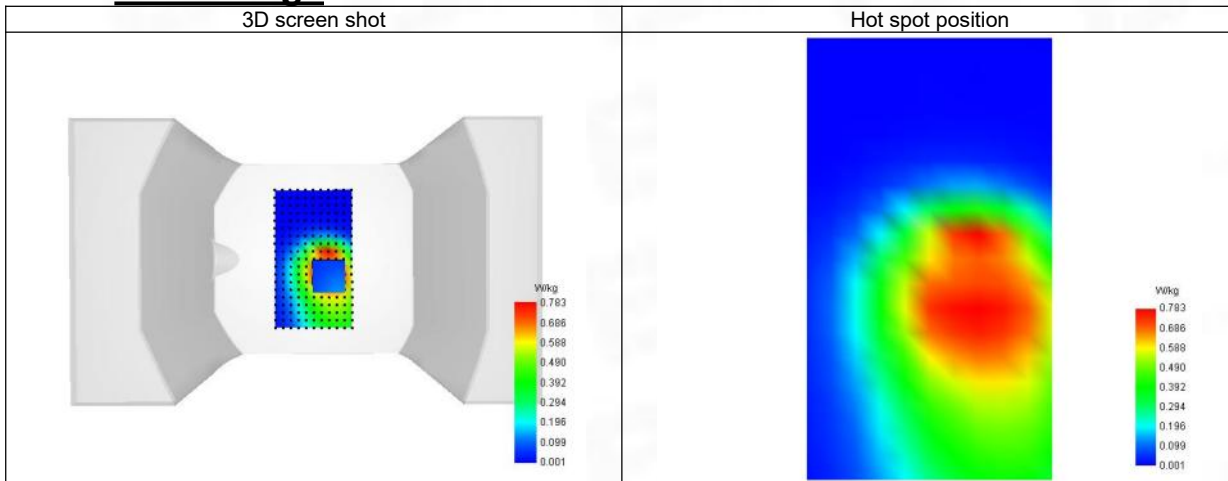
SAR 10g (W/Kg)	0.485
SAR 1g (W/Kg)	0.735
Variation (%)	-2.590
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	70.962902

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.990	0.761	0.540	0.378	0.264	0.184	0.129



F. 3D Image



35-Body with front position in dist. 5mm on Channel 379000 in NR band 25

SAR Measurement at NR band 25 (Body, Validation Plane)

Date of measurement: 18/10/2025

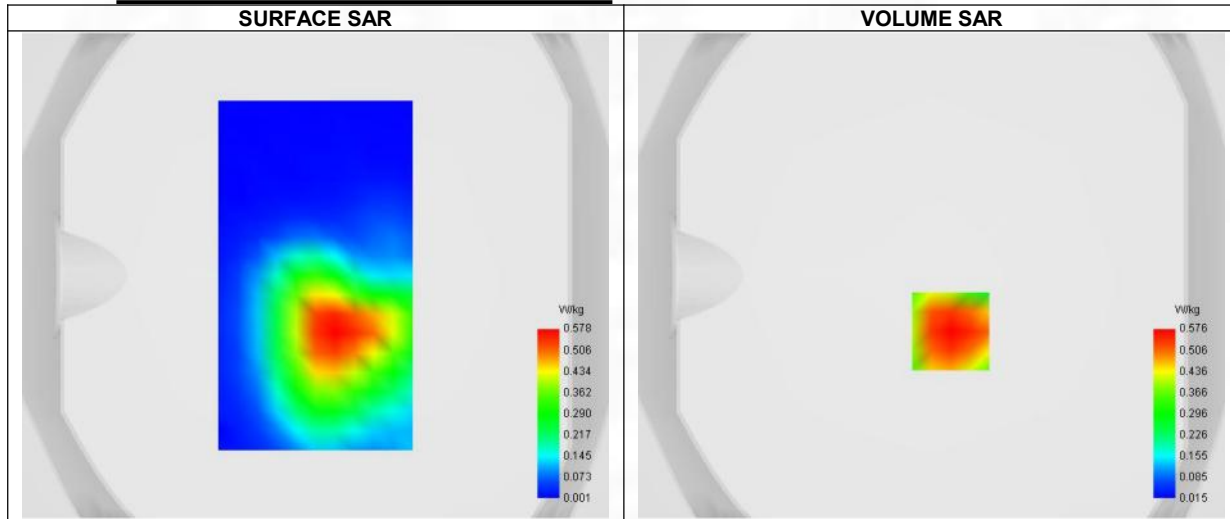
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 25
Channels/Frequency	Higher (379000)/ frequency 1895.000 Mhz
Signal	NR FDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1878.260
Relative permittivity (real part)	39.591
Relative permittivity (imaginary part)	13.272
Conductivity (S/m)	1.453

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.353
SAR 1g (W/Kg)	0.553
Variation (%)	3.070
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	68.592968

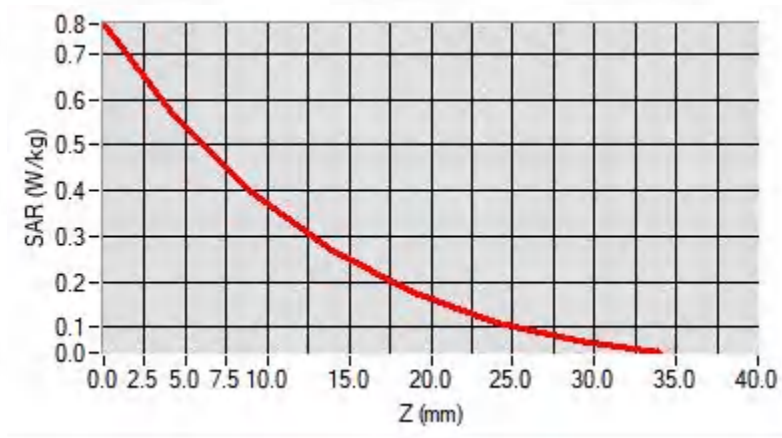
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.766	0.576	0.395	0.269	0.176	0.110	0.071

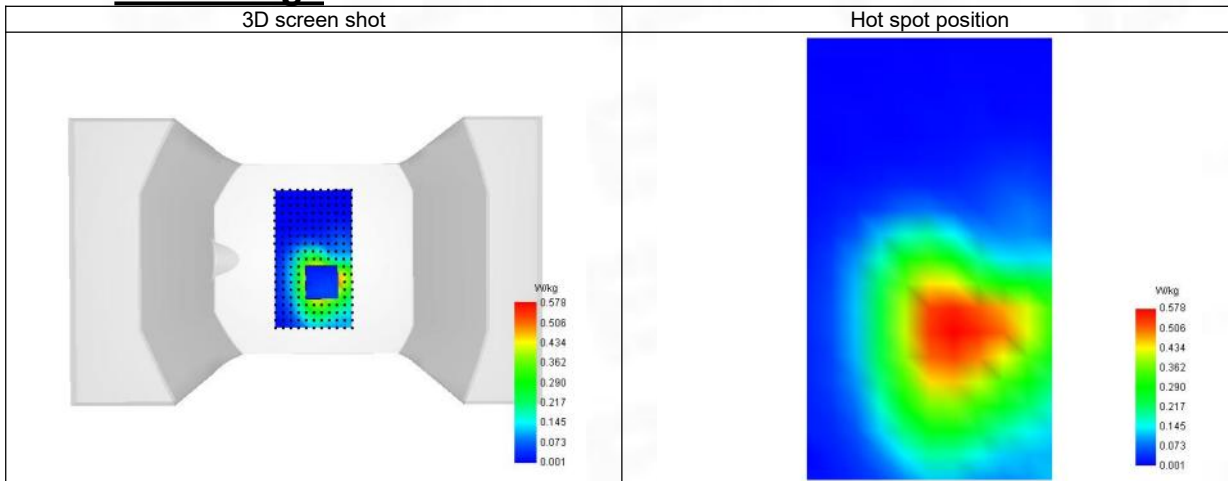
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F. 3D Image



36-Limb with front position in dist. 0mm on Channel 379000 in NR band 25

SAR Measurement at NR band 25 (Body, Validation Plane)

Date of measurement: 18/10/2025

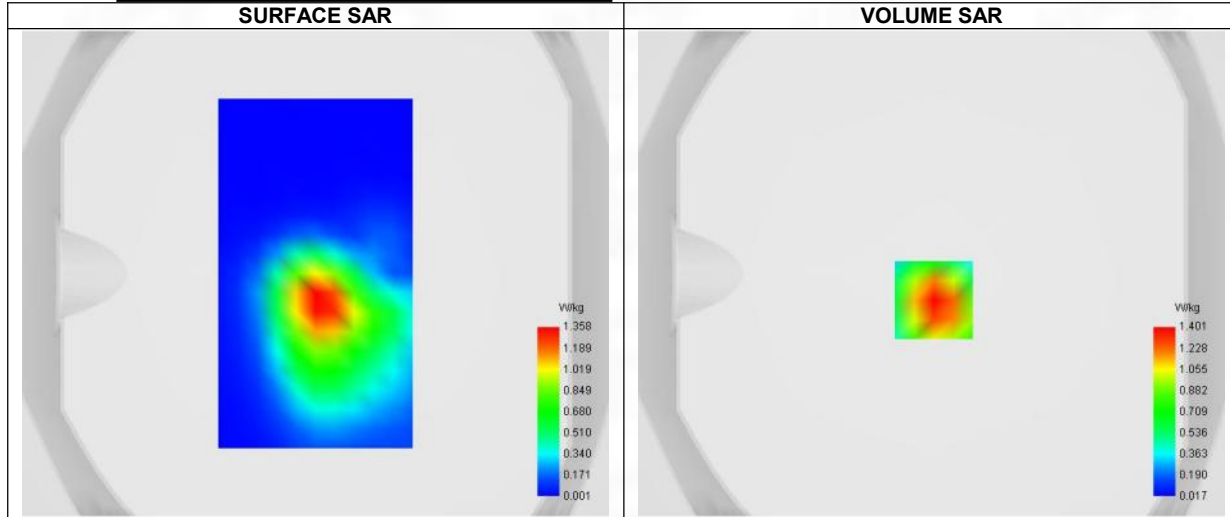
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.31
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 25
Channels/Frequency	Middle (376500)/ frequency 1882.500 Mhz
Signal	NR FDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1865.760
Relative permittivity (real part)	39.591
Relative permittivity (imaginary part)	13.272
Conductivity (S/m)	1.448

C. SAR Surface and Volume



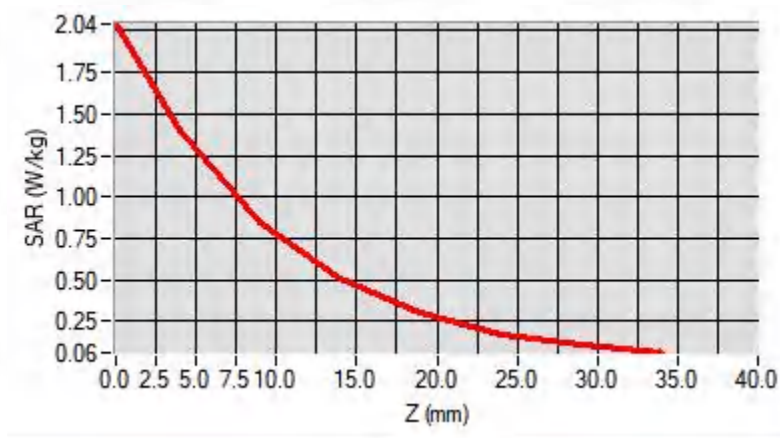
Maximum location: X=1.00, Y=-11.00 ; SAR Peak: 2.07 W/kg

D. SAR 1g & 10g

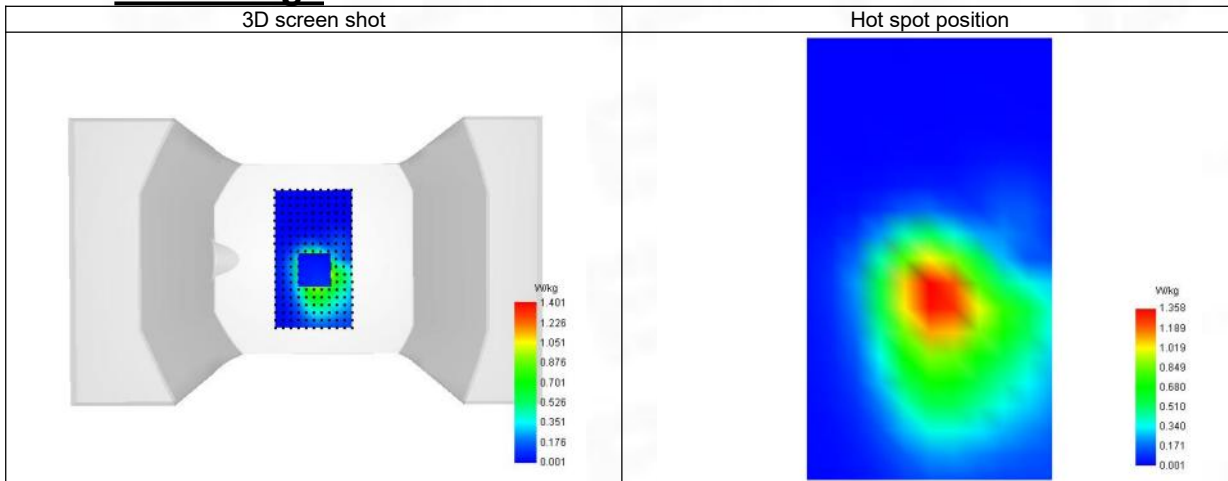
SAR 10g (W/Kg)	0.743
SAR 1g (W/Kg)	1.322
Variation (%)	-2.640
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.612082

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.041	1.401	0.849	0.509	0.297	0.171	0.104



F. 3D Image



37-Body with front position in dist. 5mm on Channel 518201 in NR band 41

SAR Measurement at NR band 41 (Body, Validation Plane)

Date of measurement: 19/10/2025

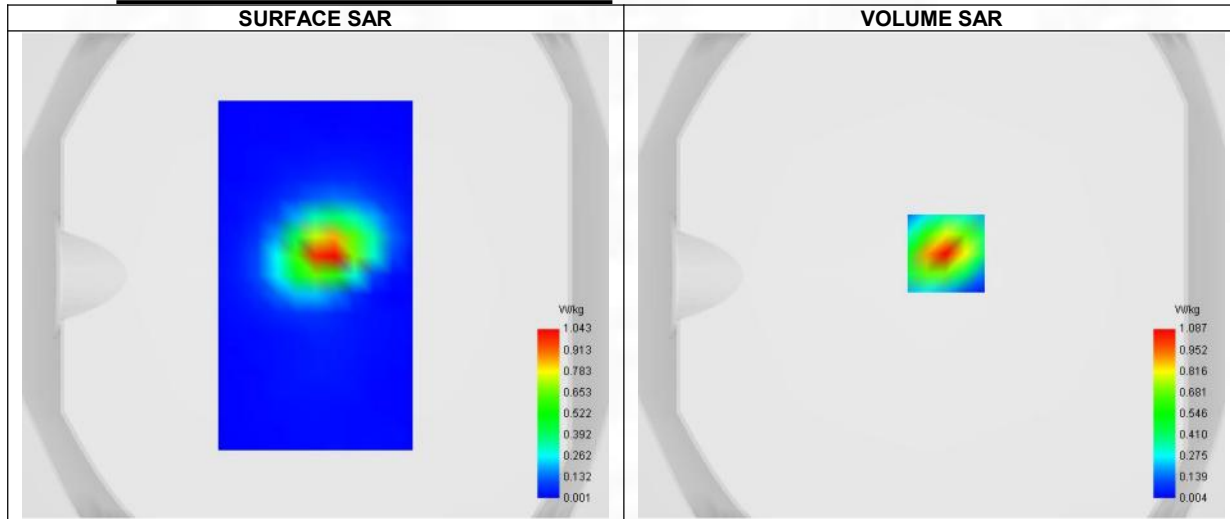
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 41
Channels/Frequency	Middle (519000)/ frequency 2595.000 Mhz
Signal	NR TDD
Cell Bandwidth	90 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	2556.300
Relative permittivity (real part)	38.688
Relative permittivity (imaginary part)	12.838
Conductivity (S/m)	1.902

C. SAR Surface and Volume



Maximum location: X=6.00, Y=9.00 ; SAR Peak: 1.74 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.461
SAR 1g (W/Kg)	0.990
Variation (%)	-0.560
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.459795

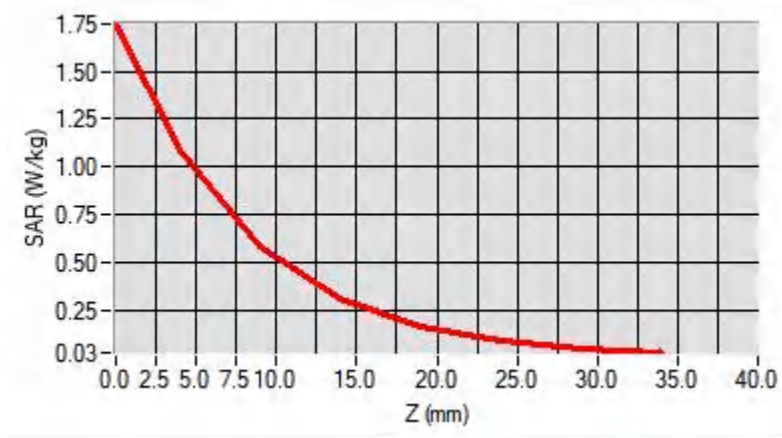
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.748	1.087	0.581	0.306	0.166	0.090	0.043

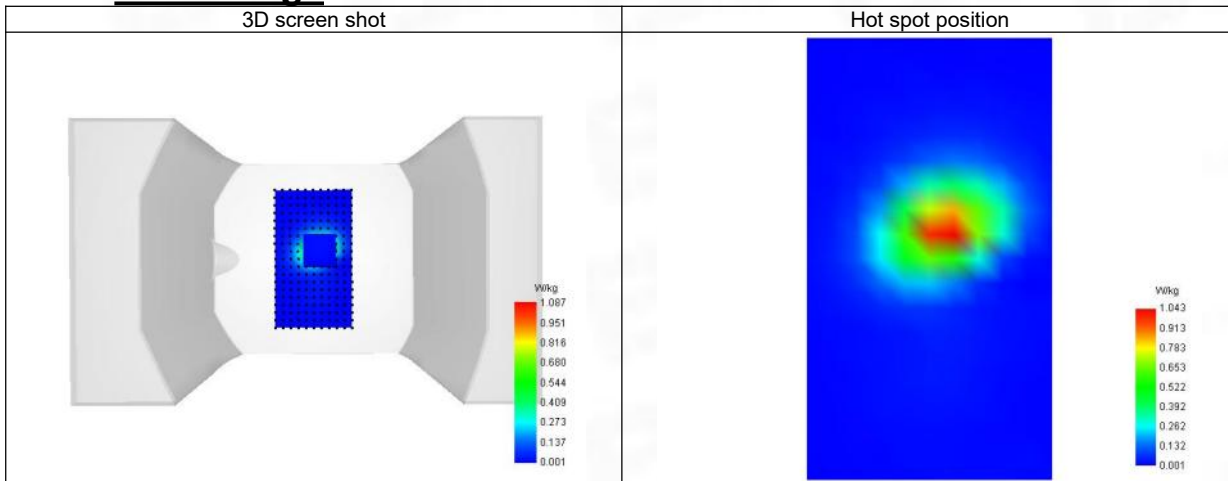
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F. 3D Image



38-Limb with front position in dist. 0mm on Channel 518201 in NR band 41

SAR Measurement at NR band 41 (Body, Validation Plane)

Date of measurement: 19/10/2025

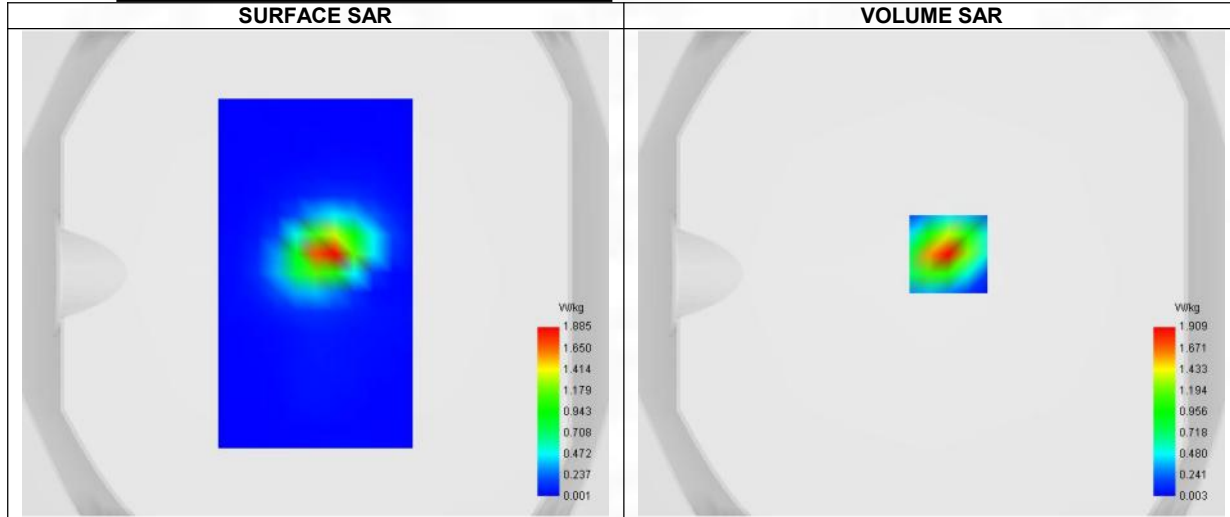
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 41
Channels/Frequency	Middle (519000)/ frequency 2595.000 Mhz
Signal	NR TDD
Cell Bandwidth	90 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	2556.300
Relative permittivity (real part)	38.688
Relative permittivity (imaginary part)	12.838
Conductivity (S/m)	1.902

C. SAR Surface and Volume



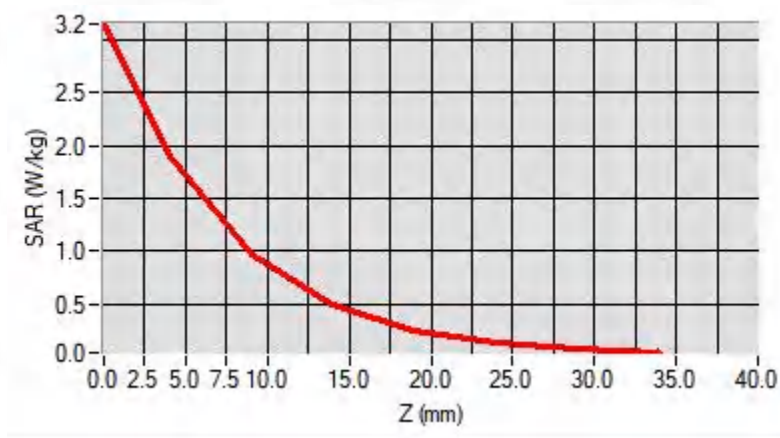
Maximum location: X=7.00, Y=8.00 ; SAR Peak: 3.16 W/kg

D. SAR 1g & 10g

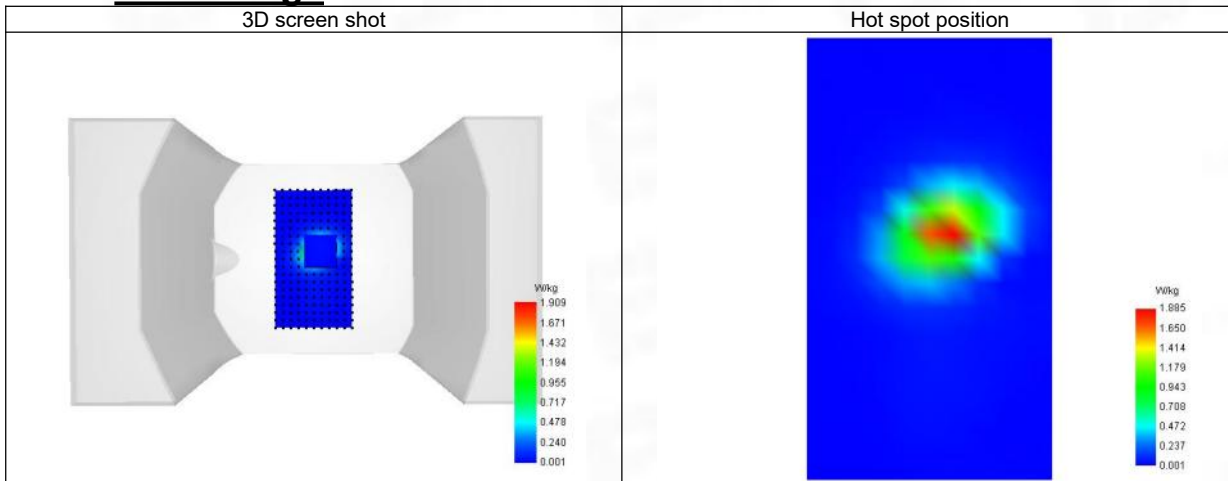
SAR 10g (W/Kg)	0.750
SAR 1g (W/Kg)	1.721
Variation (%)	2.790
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	50.929866

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.153	1.909	0.972	0.496	0.257	0.133	0.070



F. 3D Image



39-Body with front position in dist. 5mm on Channel 641666 in NR band 48

SAR Measurement at NR band 48 (Body, Validation Plane)

Date of measurement: 23/10/2025

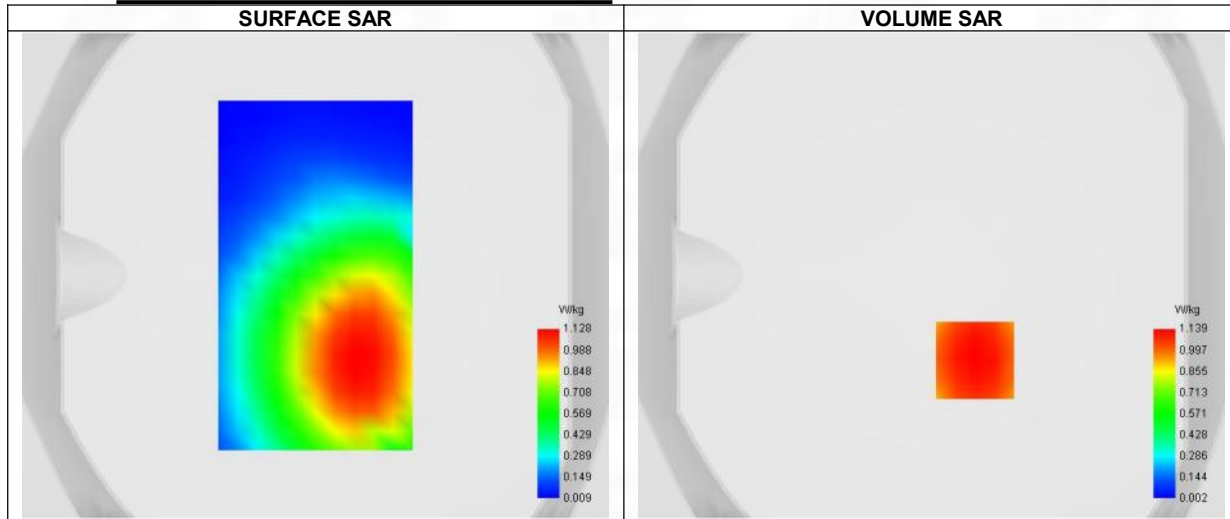
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 48
Channels/Frequency	Lower (639334)/ frequency 3590.010 Mhz
Signal	NR TDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3576.330
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	2.931

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.743
SAR 1g (W/Kg)	1.152
Variation (%)	-3.160
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	79.806848

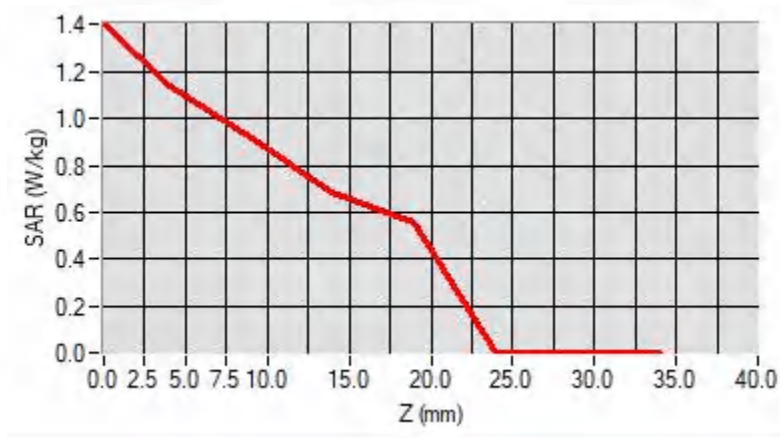
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.403	1.139	0.909	0.690	0.560	0.004	0.003

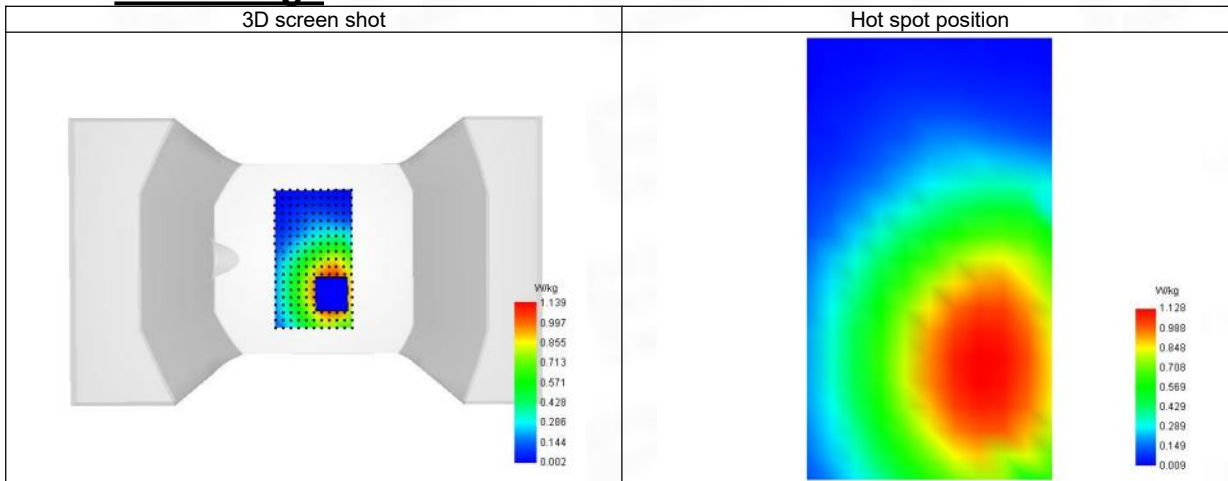
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F. 3D Image



40-Limb with front position in dist. 0mm on Channel 641666 in NR band 48

SAR Measurement at NR band 48 (Body, Validation Plane)

Date of measurement: 23/10/2025

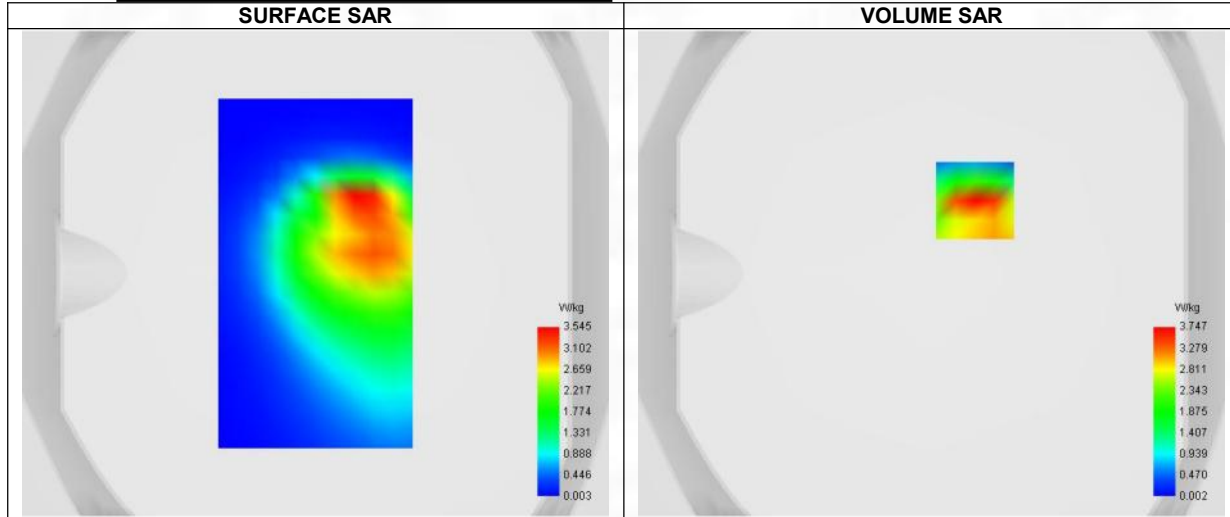
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 48
Channels/Frequency	Lower (639334)/ frequency 3590.010 Mhz
Signal	NR TDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3576.330
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	2.931

C. SAR Surface and Volume

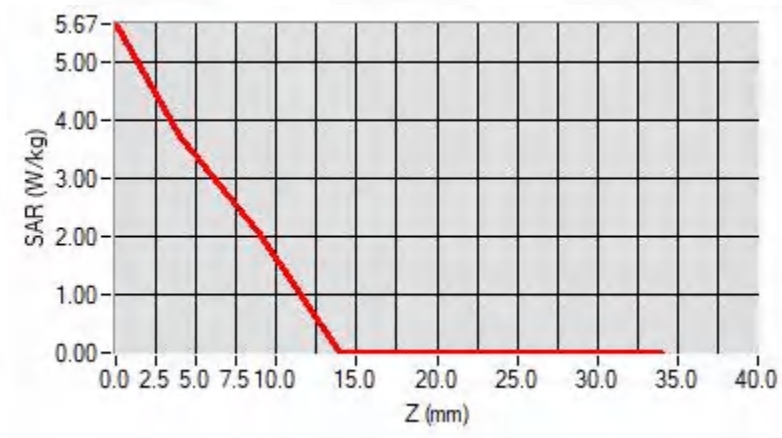


D. SAR 1g & 10g

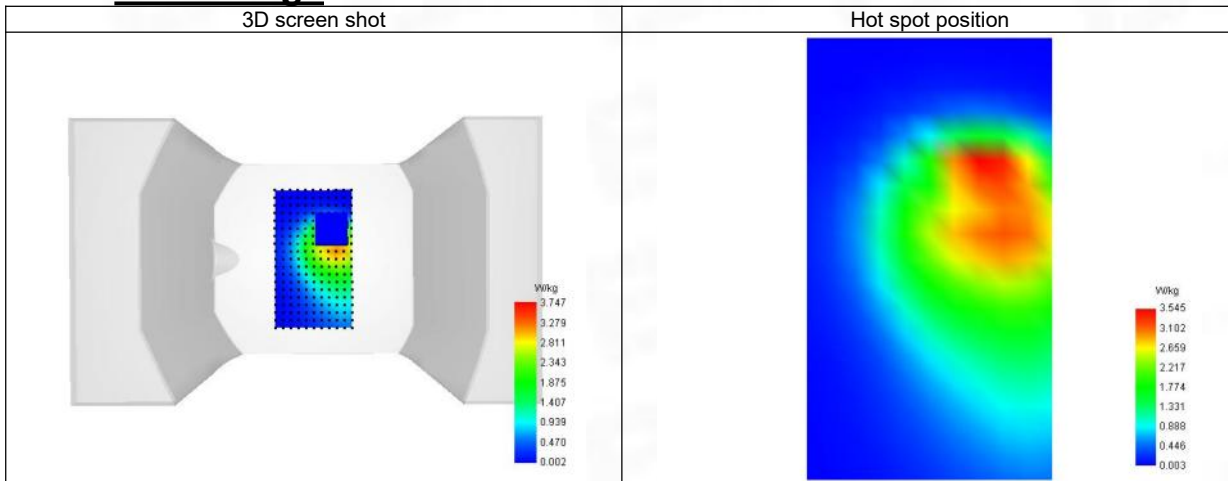
SAR 10g (W/Kg)	1.169
SAR 1g (W/Kg)	2.863
Variation (%)	-4.350
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.234159

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.670	3.747	2.032	0.003	0.003	0.003	0.003



F. 3D Image



41-Body with front position in dist. 5mm on Channel 349000 in NR band 66

SAR Measurement at NR band 66 (Body, Validation Plane)

Date of measurement: 16/10/2025

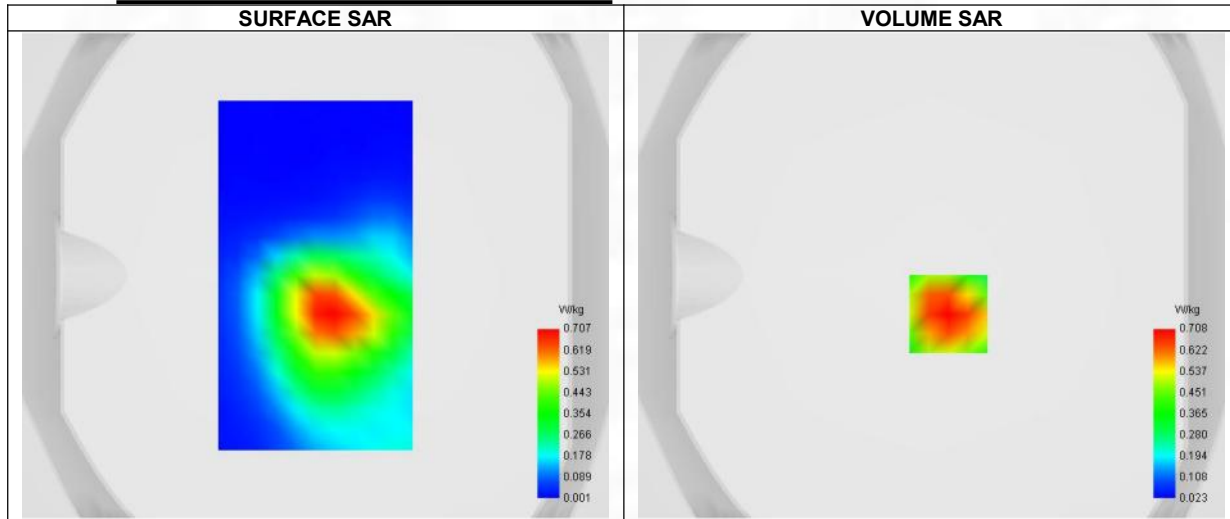
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 66
Channels/Frequency	Middle (349000)/ frequency 1745.000 Mhz
Signal	NR FDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1728.260
Relative permittivity (real part)	40.153
Relative permittivity (imaginary part)	14.509
Conductivity (S/m)	1.383

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.422
SAR 1g (W/Kg)	0.674
Variation (%)	-4.120
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	67.439981

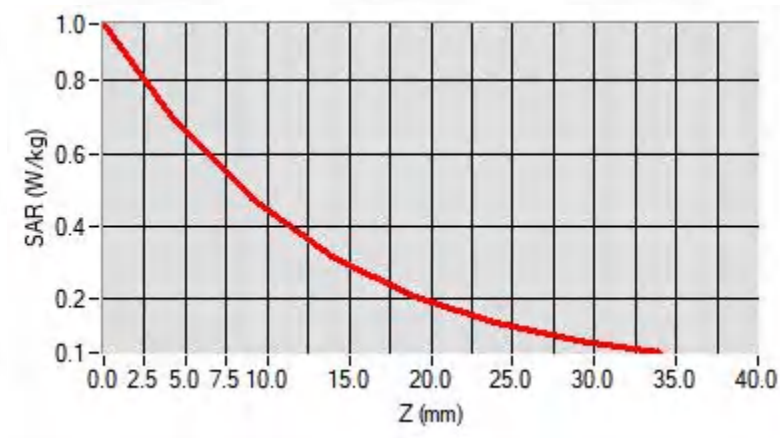
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.954	0.708	0.478	0.317	0.206	0.135	0.088

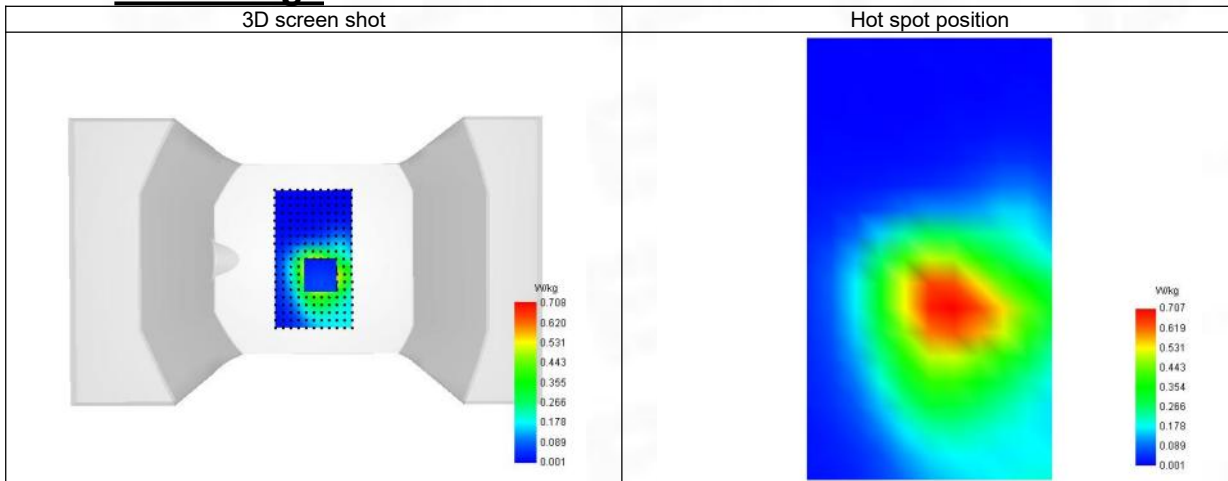
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F. 3D Image



42-Limb with front position in dist. 0mm on Channel 349000 in NR band 66

SAR Measurement at NR band 66 (Body, Validation Plane)

Date of measurement: 16/10/2025

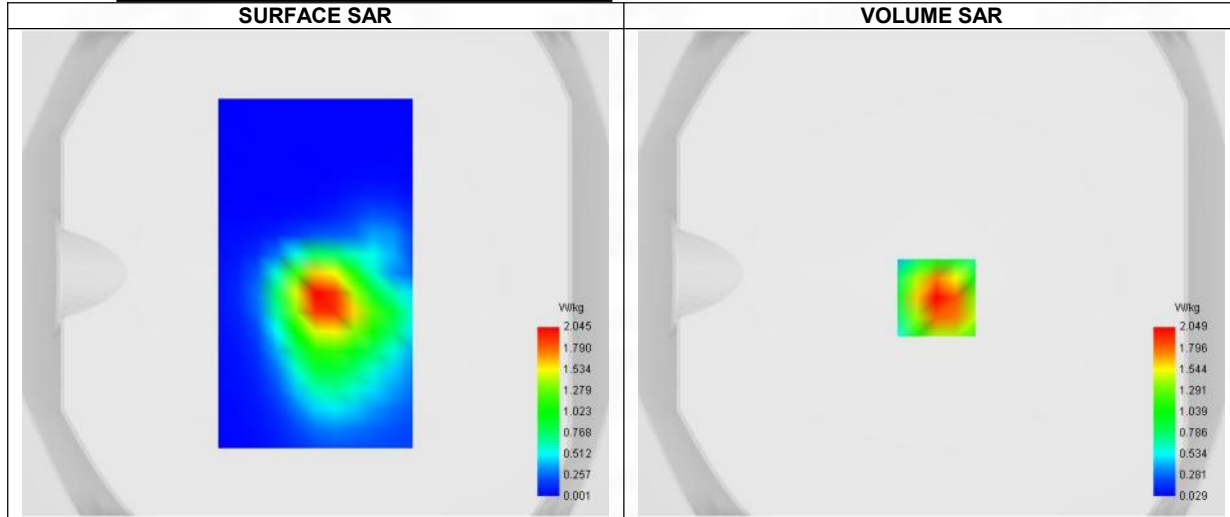
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.20
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 66
Channels/Frequency	Middle (349000)/ frequency 1745.000 Mhz
Signal	NR FDD
Cell Bandwidth	40 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1728.260
Relative permittivity (real part)	40.153
Relative permittivity (imaginary part)	14.509
Conductivity (S/m)	1.383

C. SAR Surface and Volume



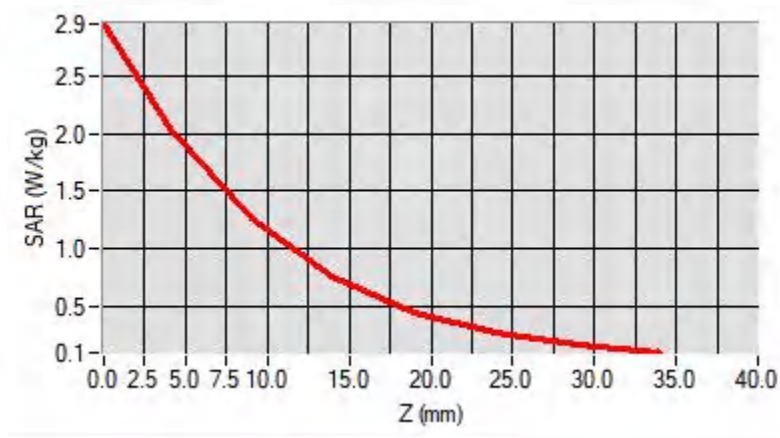
Maximum location: X=2.00, Y=-10.00 ; SAR Peak: 3.02 W/kg

D. SAR 1g & 10g

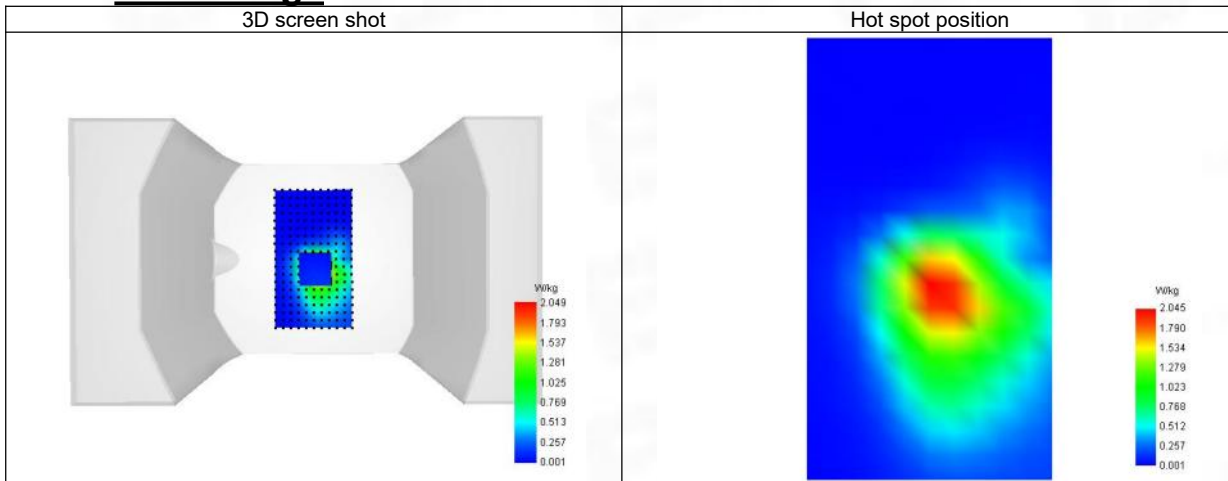
SAR 10g (W/Kg)	1.096
SAR 1g (W/Kg)	1.933
Variation (%)	-0.780
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.546896

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.950	2.049	1.261	0.753	0.447	0.264	0.161



F. 3D Image



43-Body with front position in dist. 5mm on Channel 137600 in NR band 71

SAR Measurement at NR band 71 (Body, Validation Plane)

Date of measurement: 12/10/2025

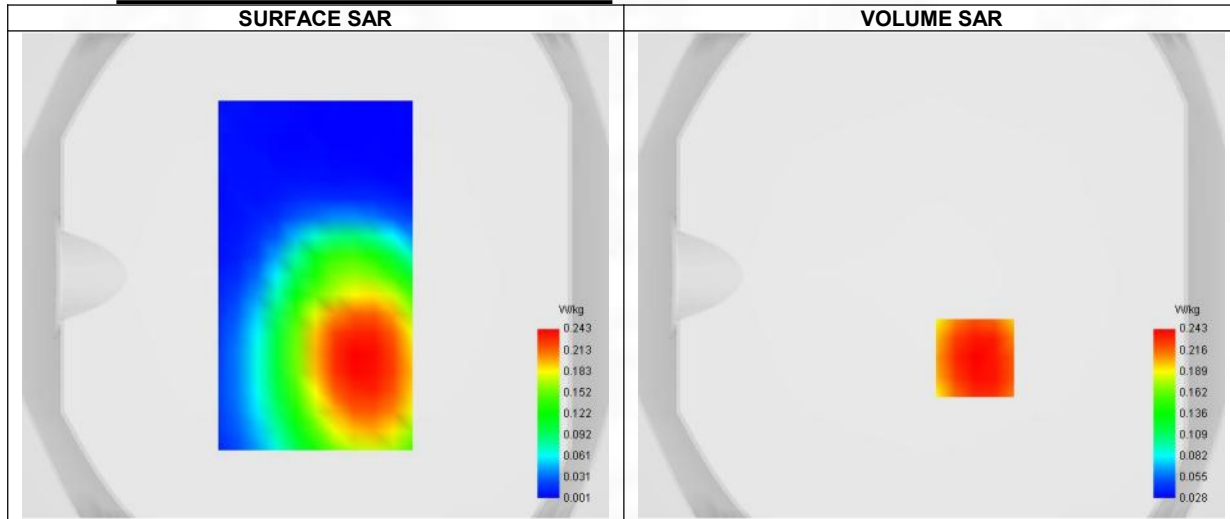
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 71
Channels/Frequency	Higher (137600)/ frequency 688.000 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	681.160
Relative permittivity (real part)	42.523
Relative permittivity (imaginary part)	23.098
Conductivity (S/m)	0.874

C. SAR Surface and Volume



Maximum location: X=18.00, Y=-34.00 ; SAR Peak: 0.30 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.179
SAR 1g (W/Kg)	0.237
Variation (%)	2.610
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	78.728454

E. Z Axis Scan

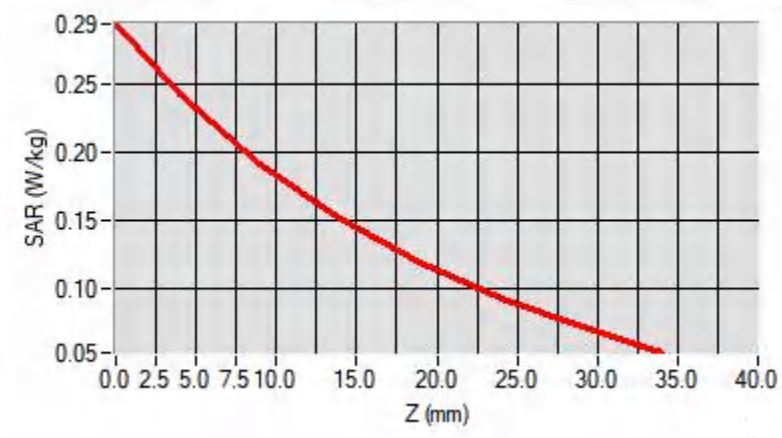
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.294	0.243	0.191	0.152	0.120	0.093	0.072

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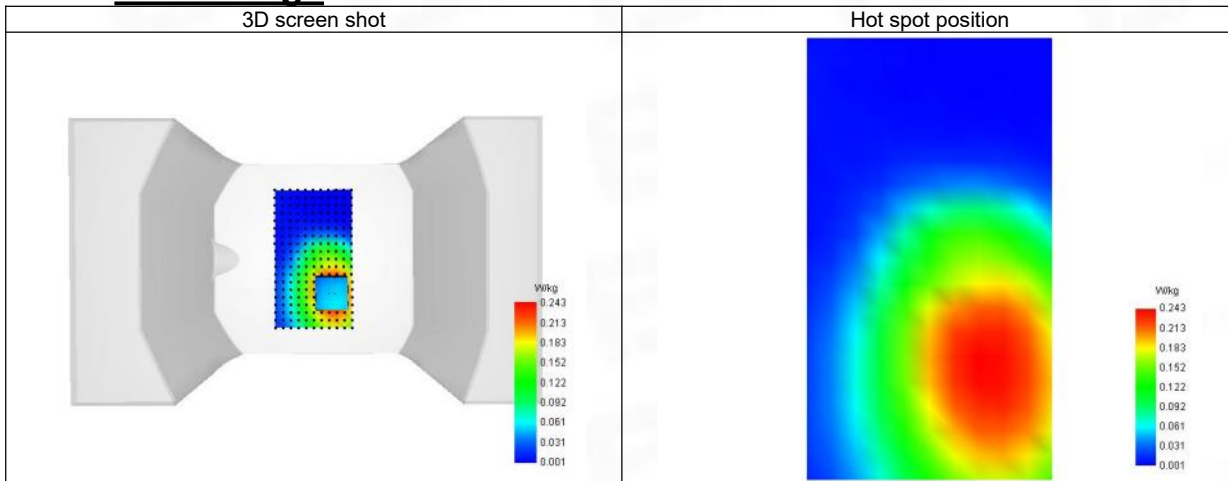
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F. 3D Image



44-Limb with front position in dist. 0mm on Channel 137600 in NR band 71

SAR Measurement at NR band 71 (Body, Validation Plane)

Date of measurement: 12/10/2025

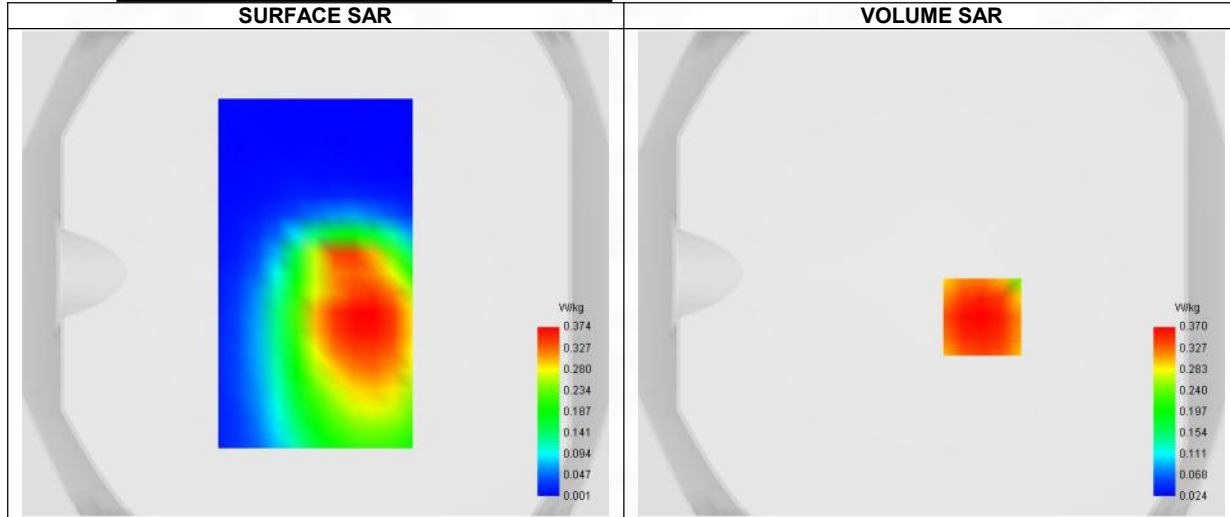
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.24
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 71
Channels/Frequency	Middle (136100)/ frequency 680.500 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	15 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	673.660
Relative permittivity (real part)	42.559
Relative permittivity (imaginary part)	23.257
Conductivity (S/m)	0.872

C. SAR Surface and Volume



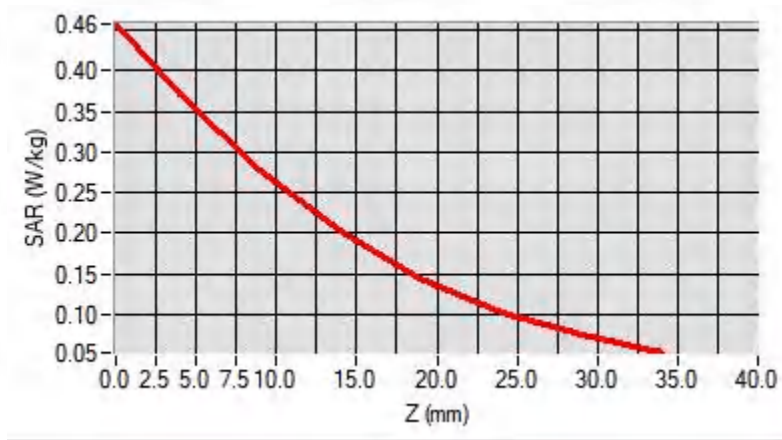
Maximum location: X=21.00, Y=-18.00 ; SAR Peak: 0.48 W/kg

D. SAR 1g & 10g

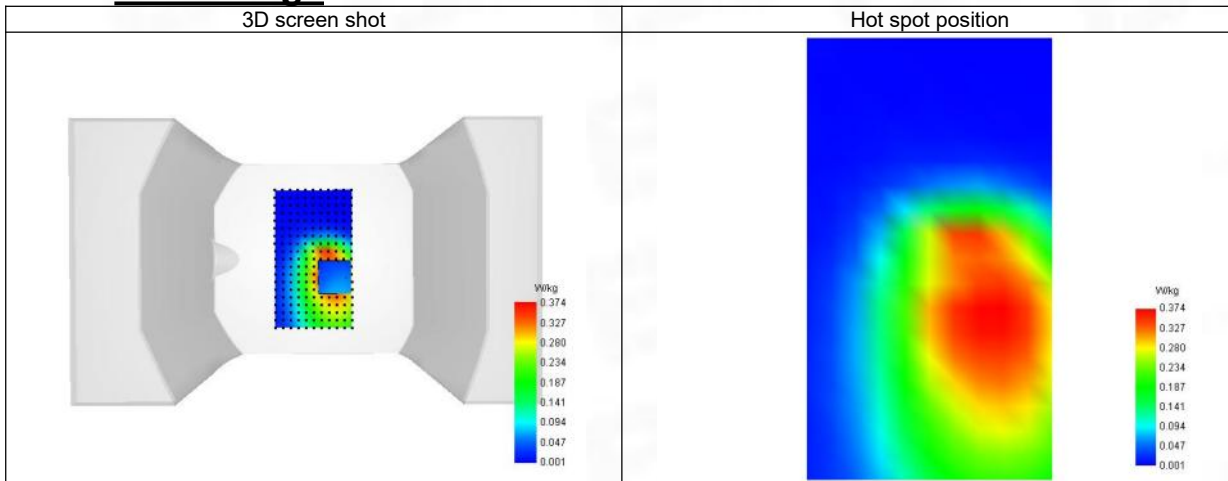
SAR 10g (W/Kg)	0.245
SAR 1g (W/Kg)	0.360
Variation (%)	-2.520
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	74.753743

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.457	0.370	0.276	0.202	0.145	0.103	0.074



F. 3D Image



45-Body with front position in dist. 5mm on Channel 662000 in NR band 77a

SAR Measurement at NR band 77 (Body, Validation Plane)

Date of measurement: 19/10/2025

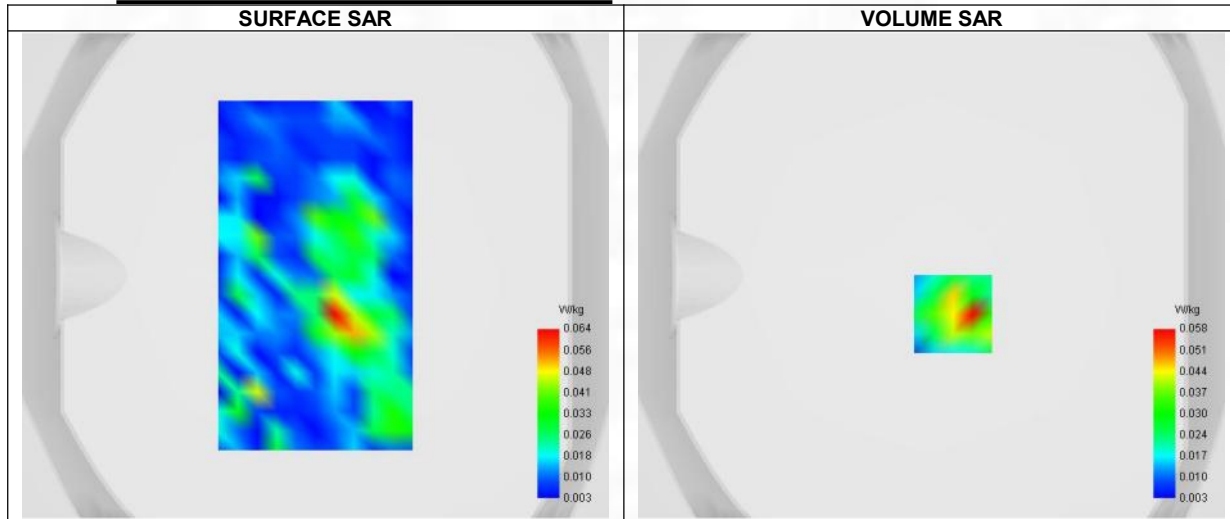
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 77
Channels/Frequency	Middle (662000)/ frequency 3930.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3886.260
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	3.242

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.022
SAR 1g (W/Kg)	0.056
Variation (%)	0.500
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	20.869911

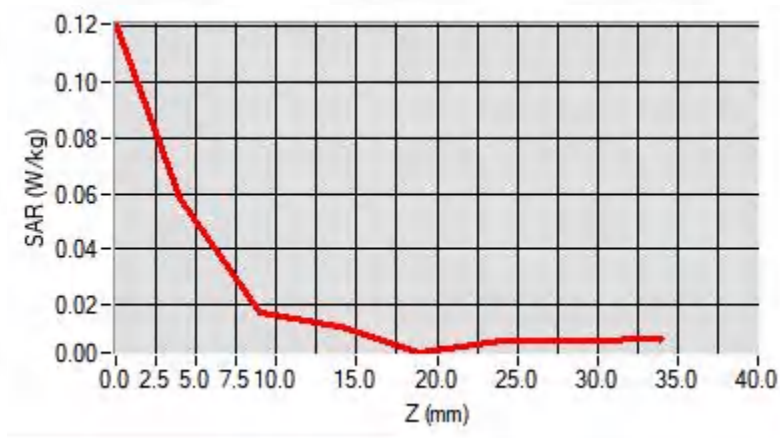
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.121	0.058	0.017	0.012	0.003	0.007	0.007

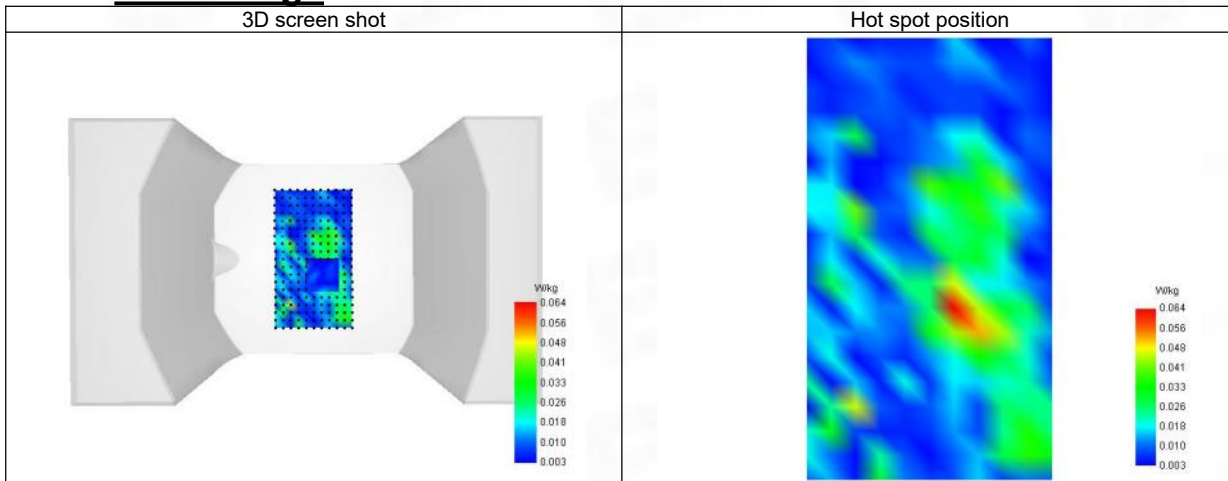
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F. 3D Image



46-Limb with front position in dist. 0mm on Channel 662000 in NR band 77a

SAR Measurement at NR band 77 (Body, Validation Plane)

Date of measurement: 19/10/2025

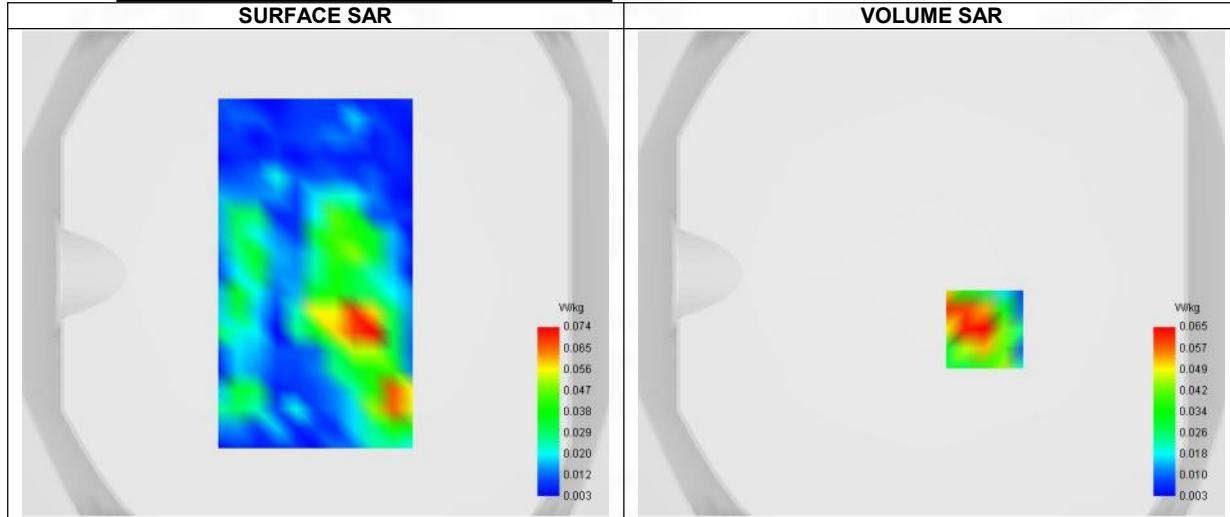
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 77
Channels/Frequency	Middle (662000)/ frequency 3930.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3886.260
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	3.242

C. SAR Surface and Volume

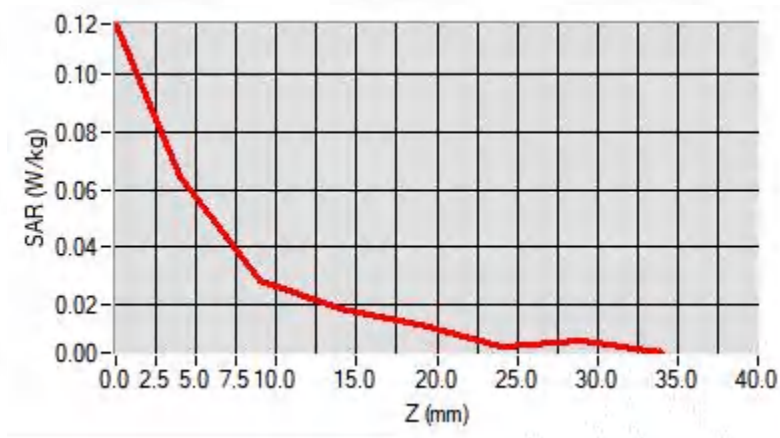


D. SAR 1g & 10g

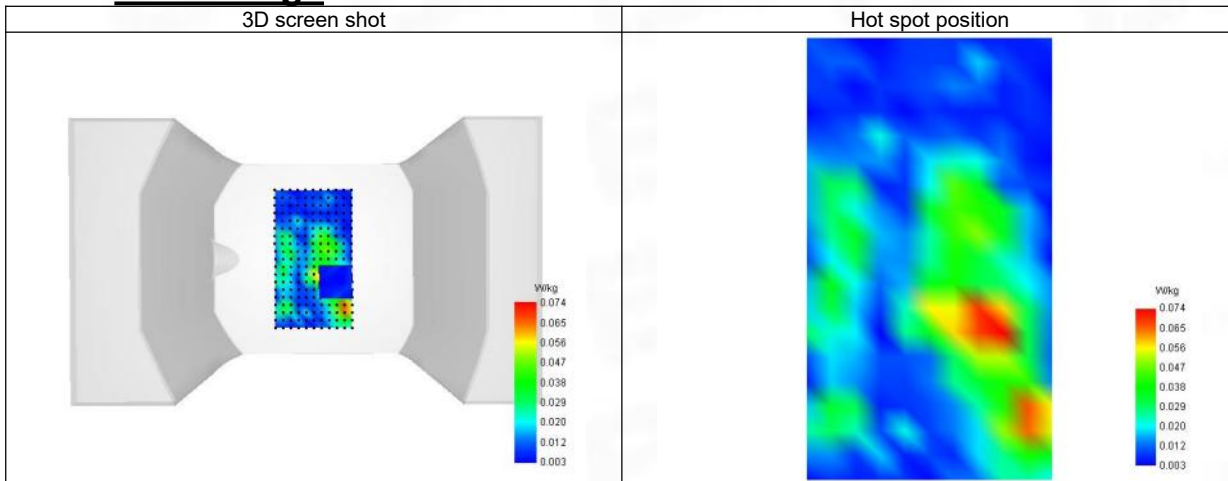
SAR 10g (W/Kg)	0.030
SAR 1g (W/Kg)	0.065
Variation (%)	-2.280
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	43.643658

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.118	0.065	0.028	0.019	0.013	0.005	0.008



F. 3D Image



47-Body with front position in dist. 5mm on Channel 633334 in NR band 77d

SAR Measurement at NR band 77 (Body, Validation Plane)

Date of measurement: 23/10/2025

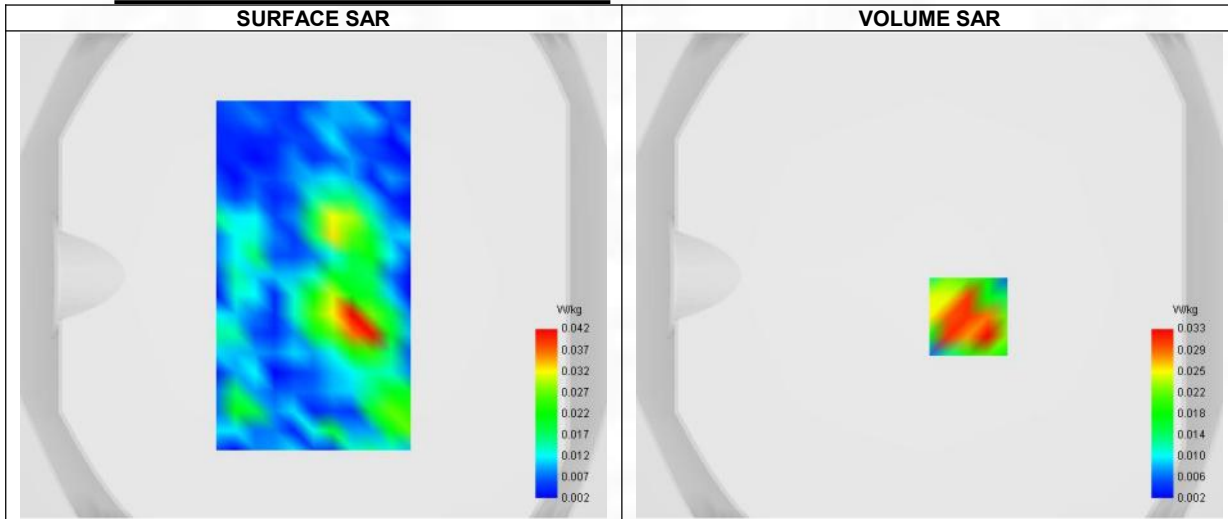
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 77
Channels/Frequency	Lower (633334)/ frequency 3500.010 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3456.270
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	2.811

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.015
SAR 1g (W/Kg)	0.032
Variation (%)	1.690
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	45.684330

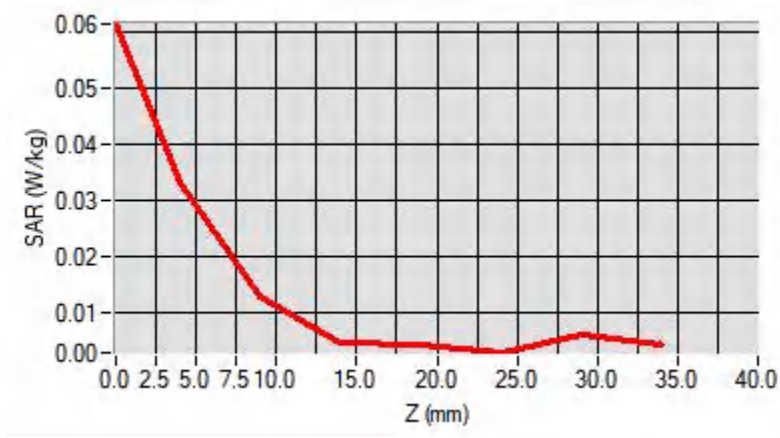
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.061	0.033	0.013	0.005	0.004	0.003	0.006

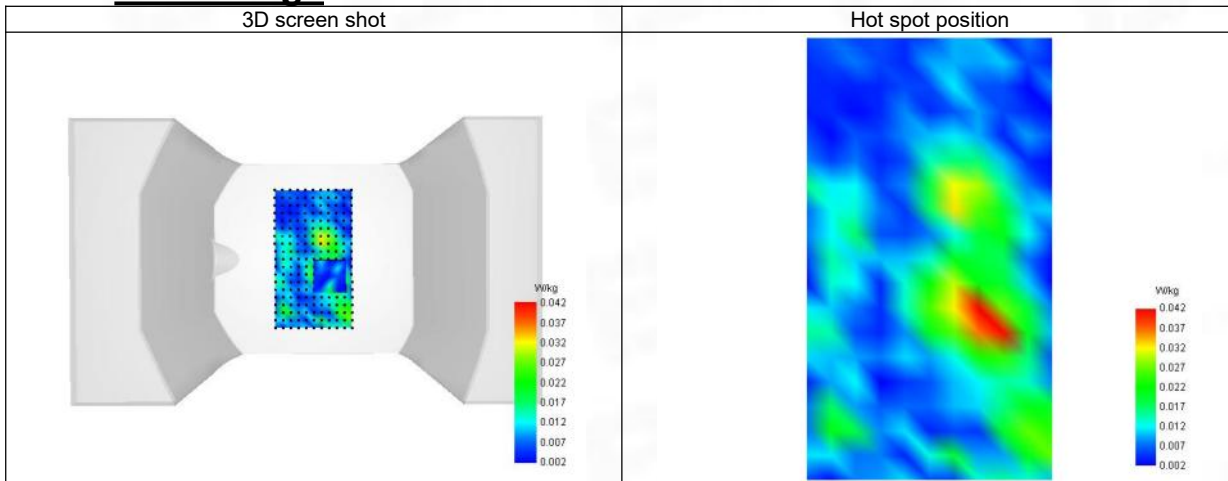
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F. 3D Image



48-Limb with front position in dist. 0mm on Channel 633334 in NR band 77d

SAR Measurement at NR band 77 (Body, Validation Plane)

Date of measurement: 23/10/2025

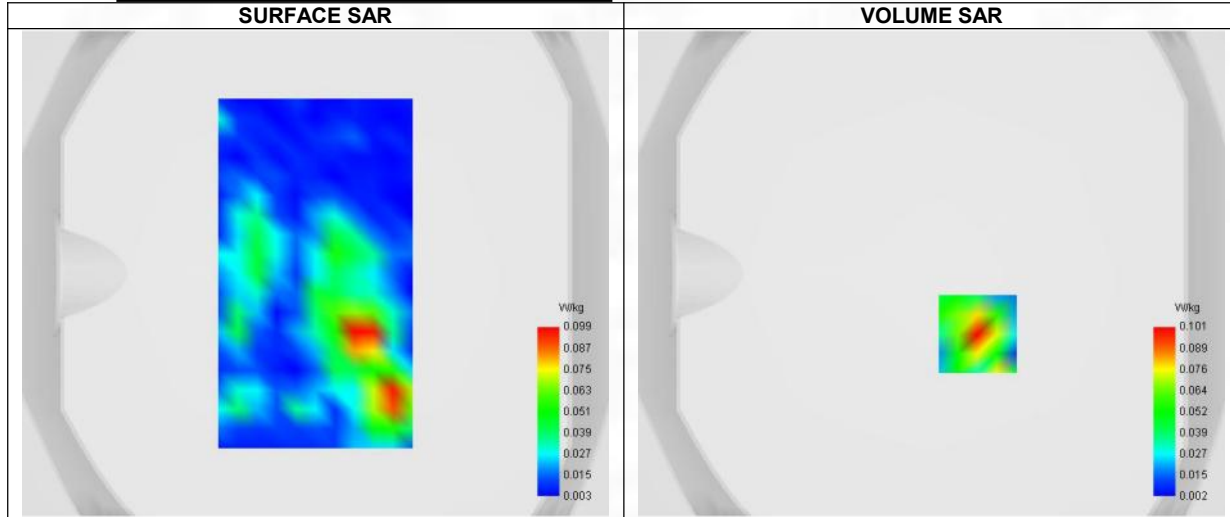
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 77
Channels/Frequency	Lower (633334)/ frequency 3500.010 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3456.270
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	2.811

C. SAR Surface and Volume

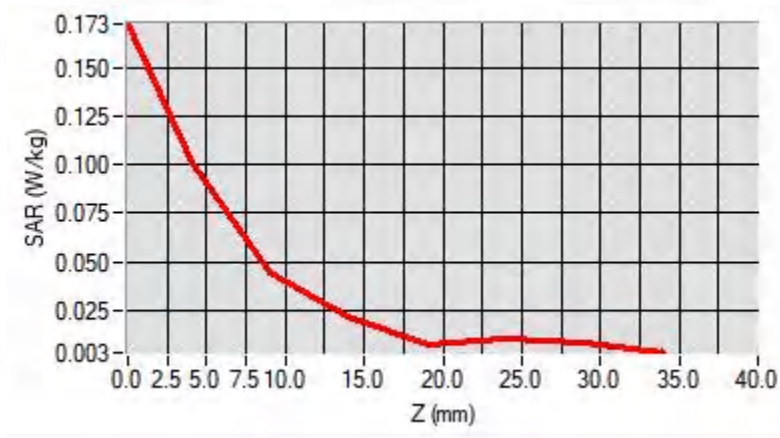


D. SAR 1g & 10g

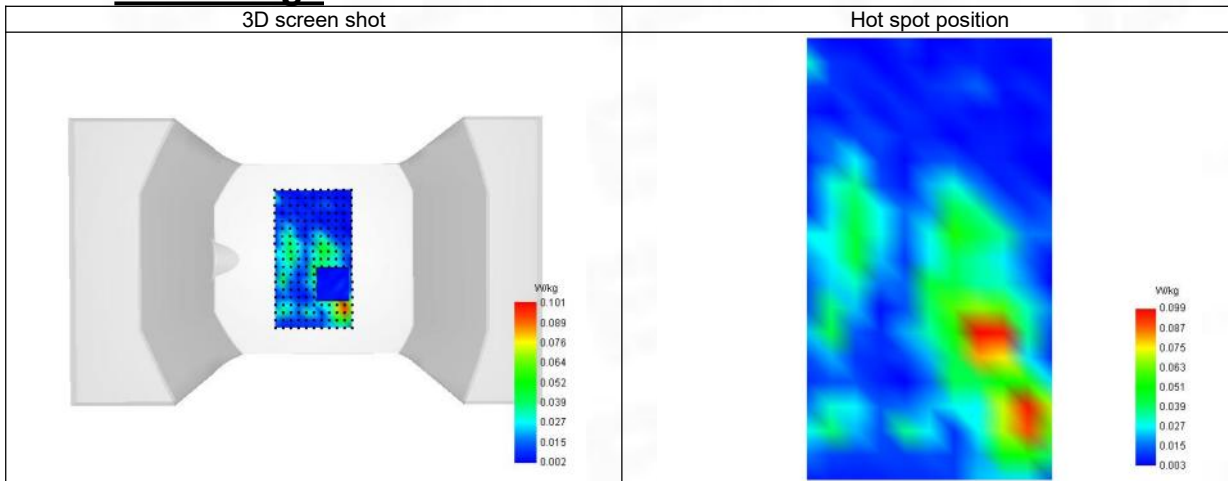
SAR 10g (W/Kg)	0.038
SAR 1g (W/Kg)	0.091
Variation (%)	2.750
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	43.629651

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.173	0.101	0.044	0.021	0.006	0.010	0.008



F. 3D Image



49-Body with front position in dist. 5mm on Channel 650000 in NR band 78a

SAR Measurement at NR band 78 (Body, Validation Plane)

Date of measurement: 23/10/2025

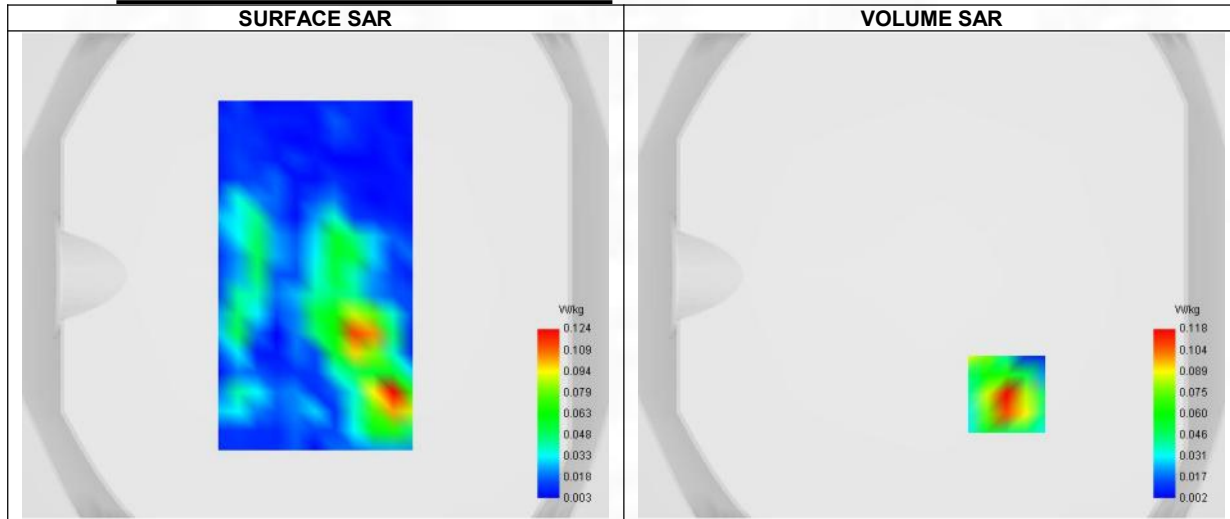
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 78
Channels/Frequency	Higher (650000)/ frequency 3750.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3706.260
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	3.062

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.045
SAR 1g (W/Kg)	0.116
Variation (%)	1.120
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	41.759908

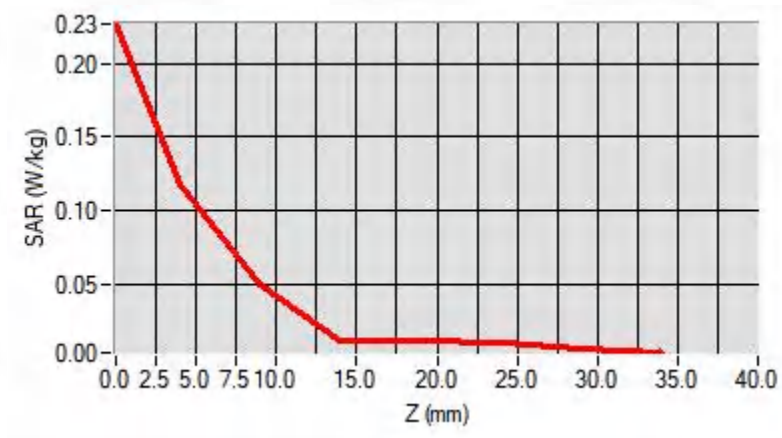
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.227	0.118	0.049	0.012	0.012	0.009	0.005

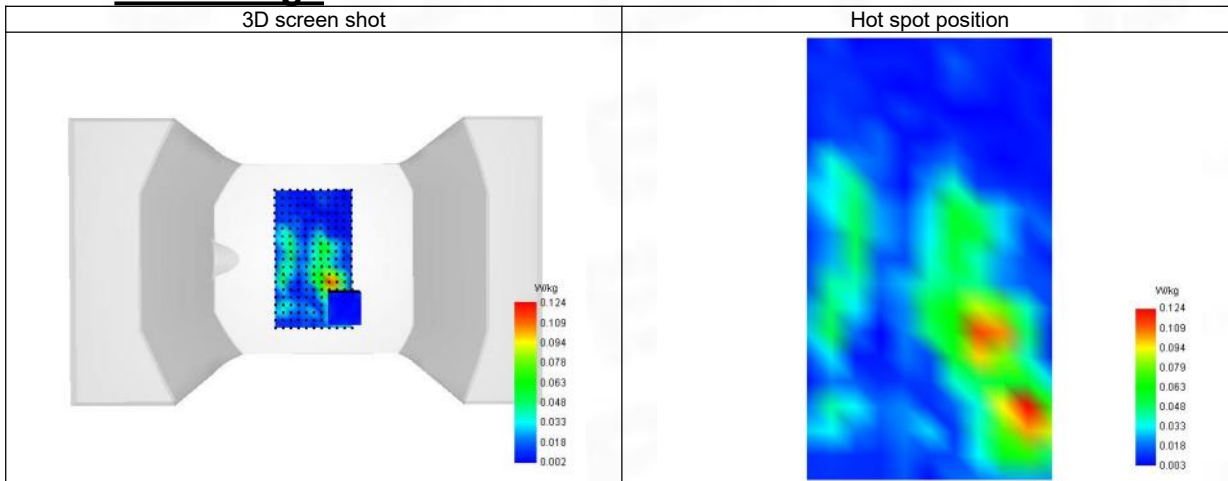
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F. 3D Image



50-Limb with front position in dist. 0mm on Channel 650000 in NR band 78a

SAR Measurement at NR band 78 (Body, Validation Plane)

Date of measurement: 23/10/2025

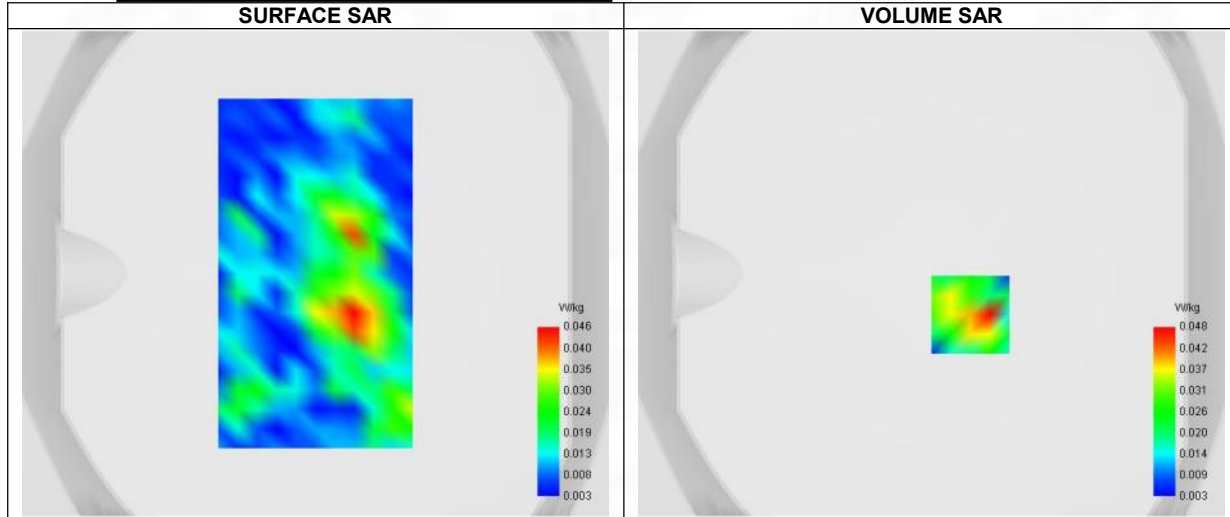
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 78
Channels/Frequency	Higher (650000)/ frequency 3750.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3706.260
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	3.062

C. SAR Surface and Volume



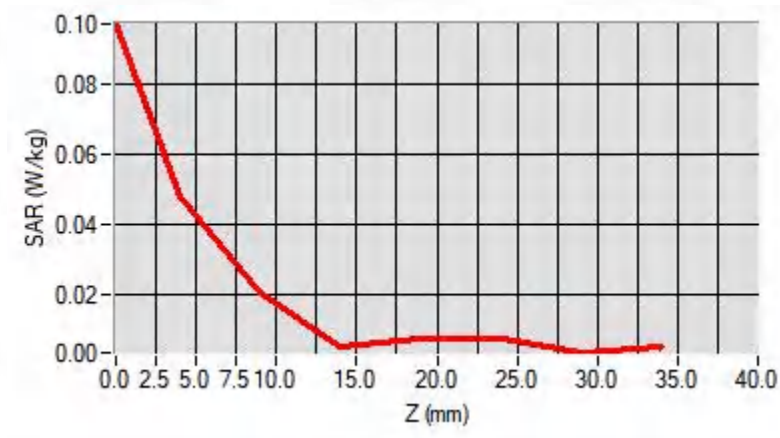
Maximum location: X=16.00, Y=-17.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

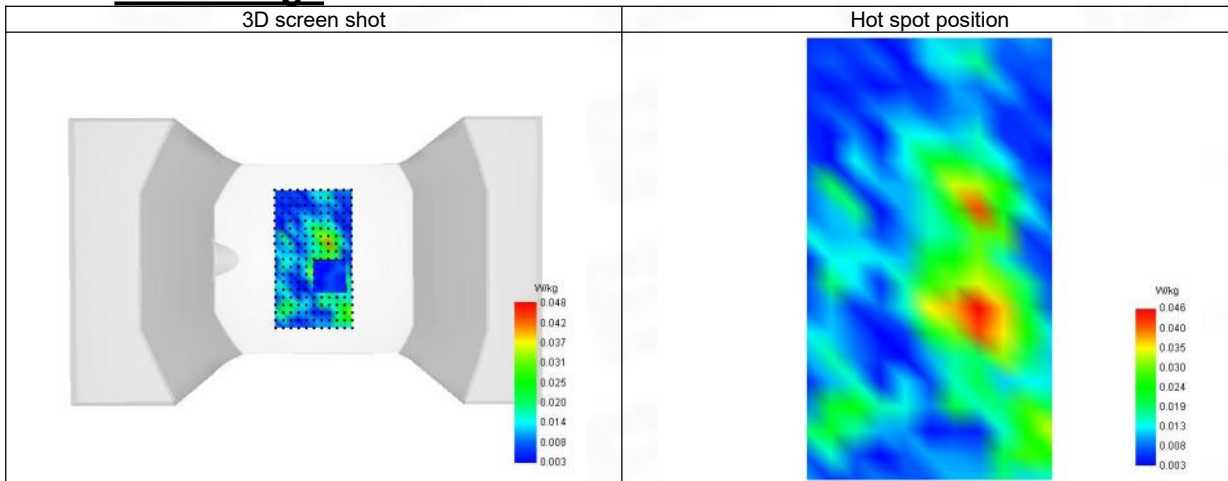
SAR 10g (W/Kg)	0.018
SAR 1g (W/Kg)	0.045
Variation (%)	2.780
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	33.307768

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.097	0.048	0.020	0.005	0.007	0.007	0.003



F. 3D Image



51-Body with front position in dist. 5mm on Channel 633334 in NR band 78e

SAR Measurement at NR band 78 (Body, Validation Plane)

Date of measurement: 23/10/2025

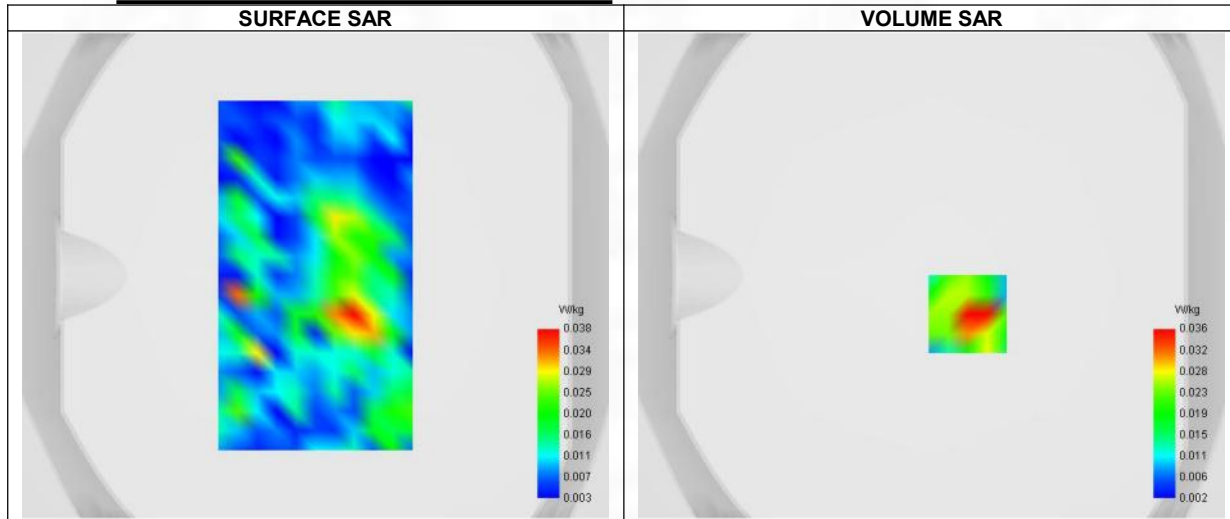
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 78
Channels/Frequency	Middle (633334)/ frequency 3500.010 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3456.270
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	2.811

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.015
SAR 1g (W/Kg)	0.034
Variation (%)	-4.170
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	38.780224

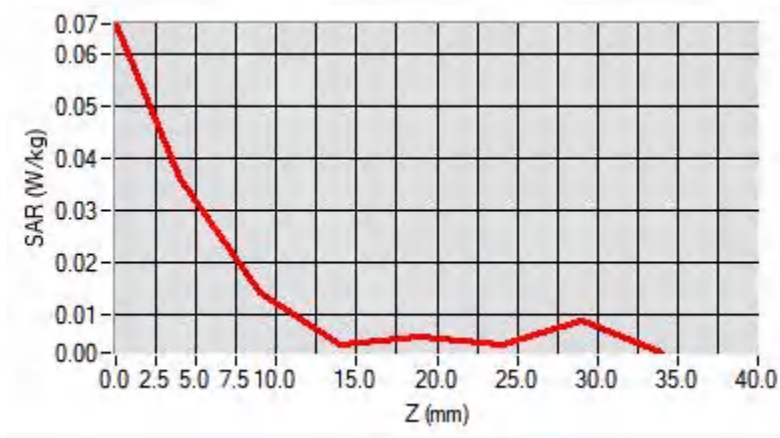
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.066	0.036	0.014	0.004	0.006	0.004	0.009

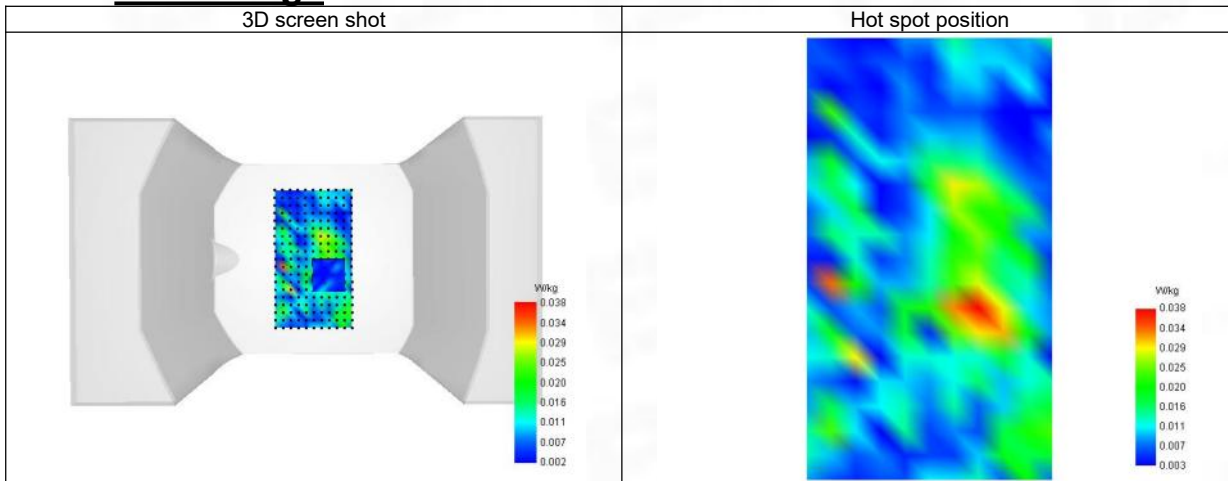
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F. 3D Image



52-Limb with front position in dist. 0mm on Channel 633334 in NR band 78e

SAR Measurement at NR band 78 (Body, Validation Plane)

Date of measurement: 23/10/2025

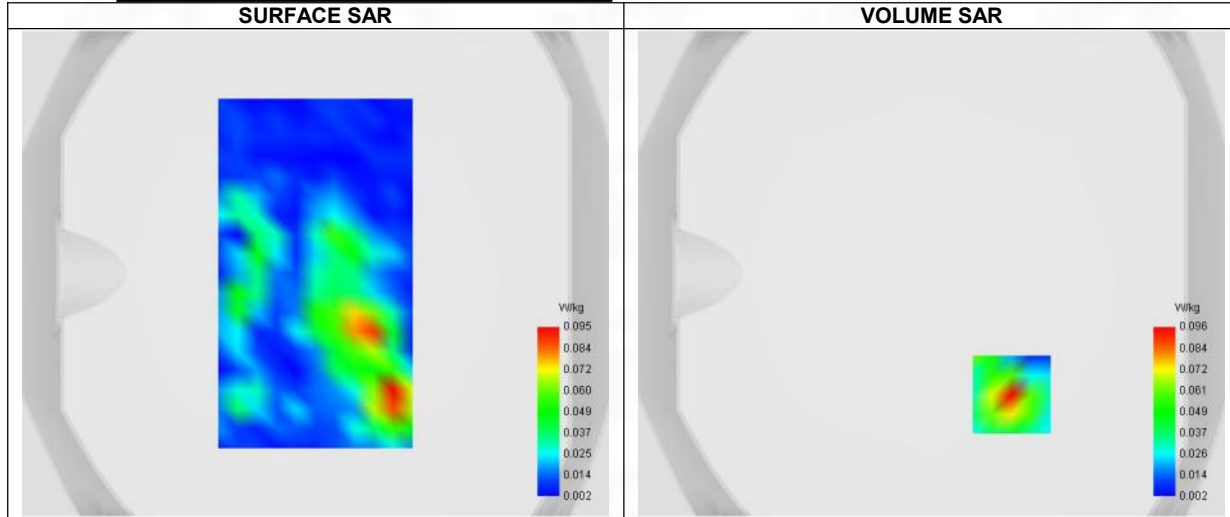
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.17
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR band 78
Channels/Frequency	Middle (633334)/ frequency 3500.010 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	3456.270
Relative permittivity (real part)	36.342
Relative permittivity (imaginary part)	16.251
Conductivity (S/m)	2.811

C. SAR Surface and Volume



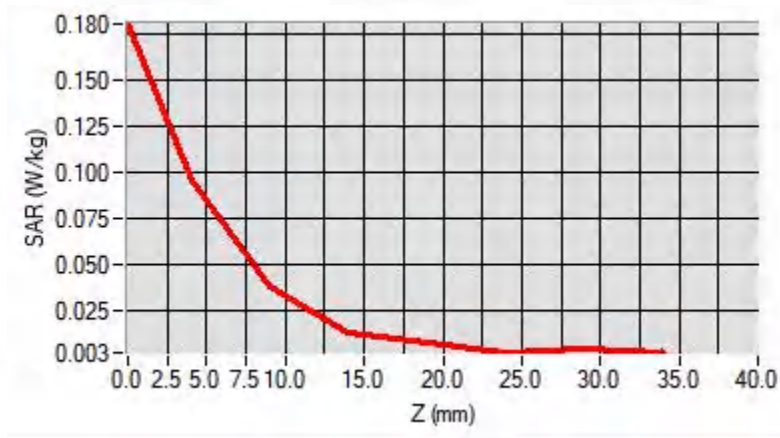
Maximum location: X=33.00, Y=-50.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

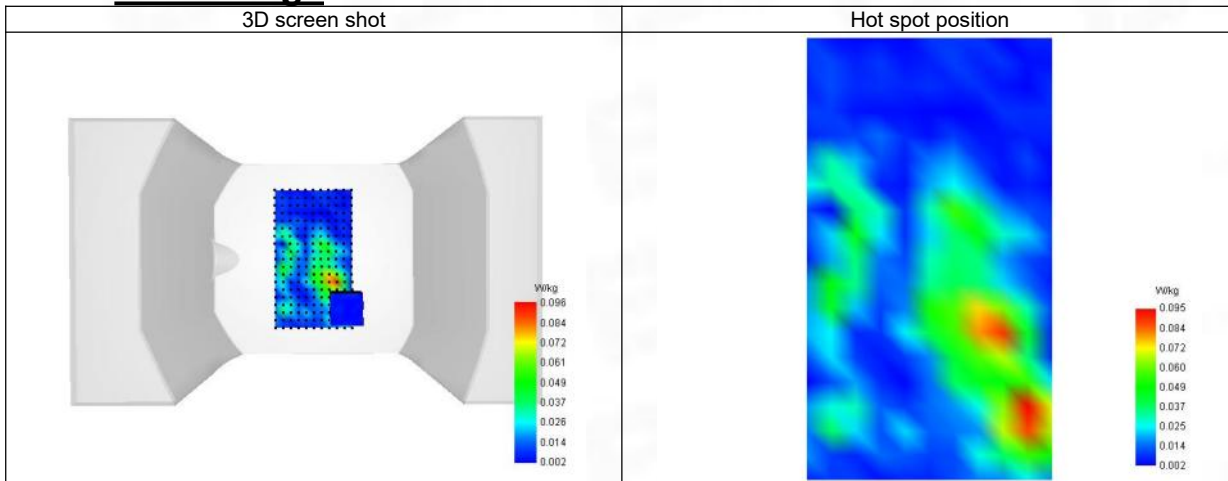
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.086
Variation (%)	1.470
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	39.832996

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.180	0.096	0.038	0.013	0.008	0.003	0.005



F. 3D Image



53-Body with Bottom position in dist. 5mm on Channel 1 in IEEE 802.11b ISM

SAR Measurement at ISM (Body, Validation Plane)

Date of measurement: 19/10/2025

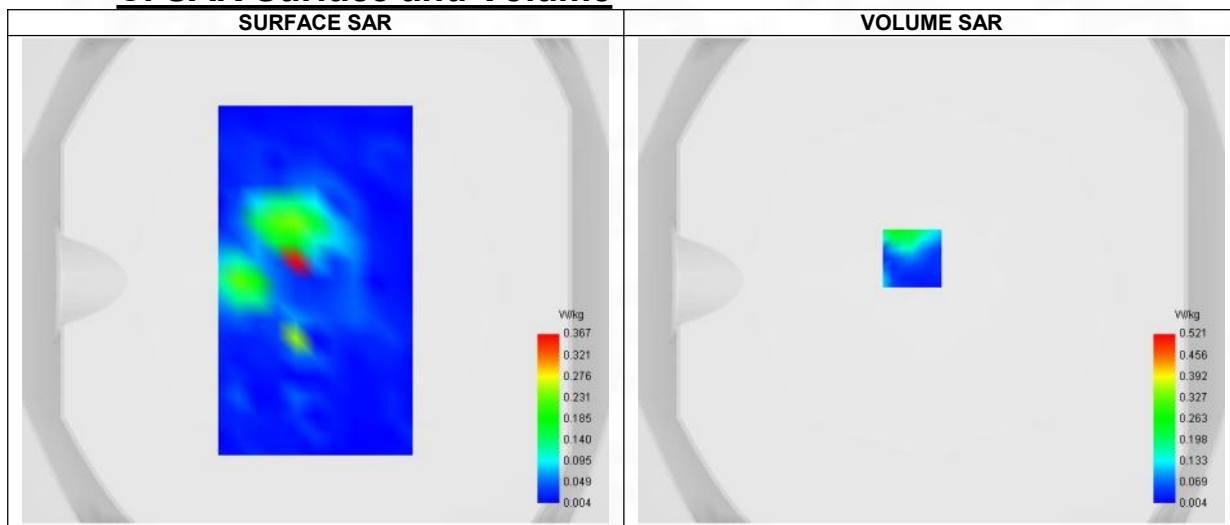
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.40
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	ISM
Channels/Frequency	Lower (1)/ frequency 2412.000 Mhz
Signal	IEEE 802.11 b

B. Permittivity

Middle TX Frequency (MHz)	2412.000
Relative permittivity (real part)	38.874
Relative permittivity (imaginary part)	13.325
Conductivity (S/m)	1.761

C. SAR Surface and Volume

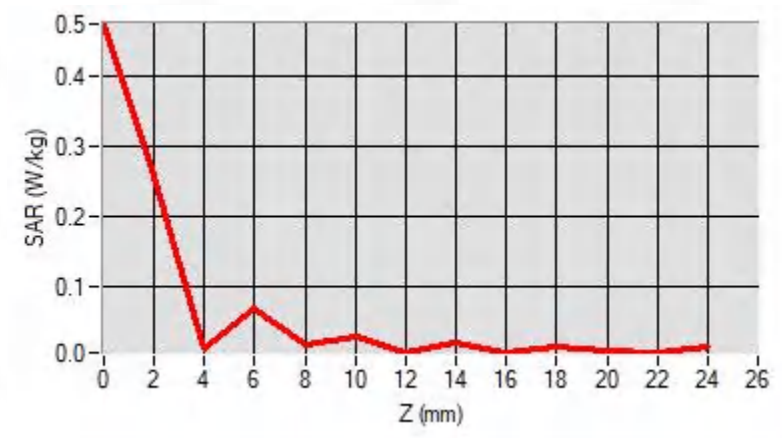


D. SAR 1g & 10g

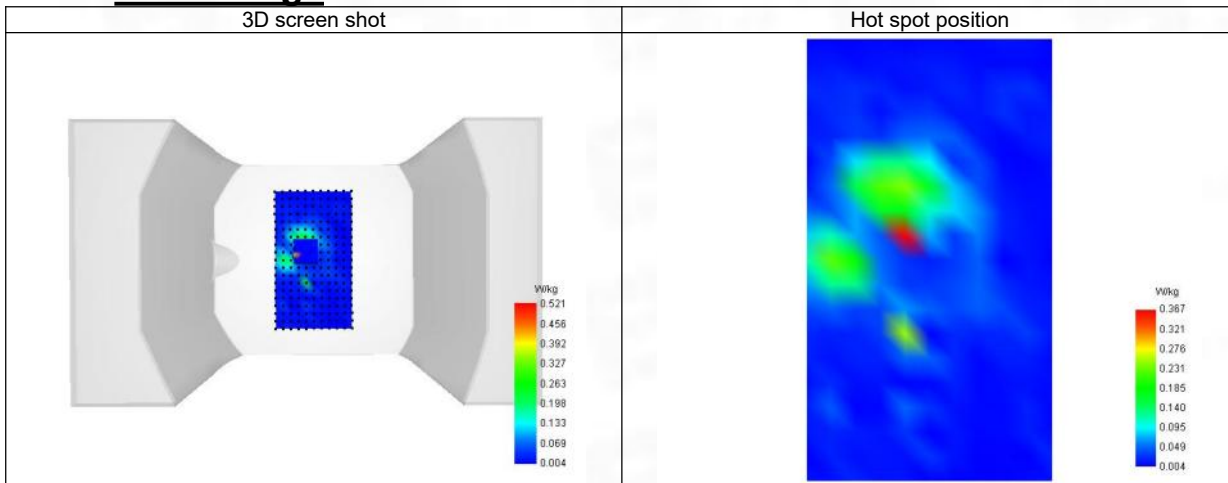
SAR 10g (W/Kg)	0.027
SAR 1g (W/Kg)	0.110
Variation (%)	-2.830
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.905864

E. 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)	0.474	0.257	0.011	0.068	0.018	0.028	0.005	0.021	0.005	0.014	0.008	0.005



F. 3D Image



54-Limb with Bottom position in dist. 0mm on Channel 1 in IEEE 802.11b ISM

SAR Measurement at ISM (Body, Validation Plane)

Date of measurement: 19/10/2025

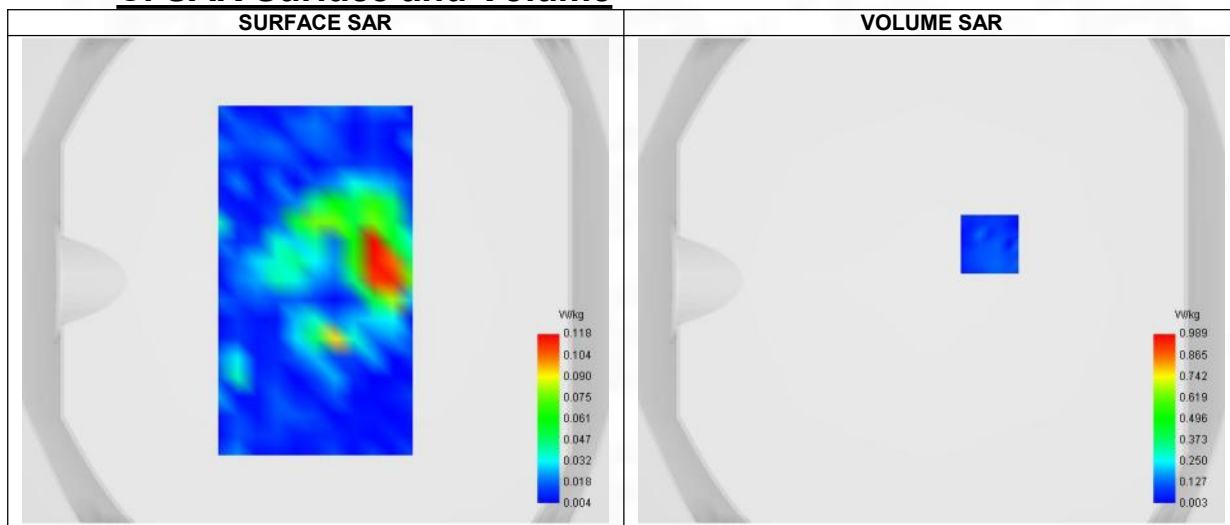
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.40
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	ISM
Channels/Frequency	Lower (1)/ frequency 2412.000 Mhz
Signal	IEEE 802.11 b

B. Permittivity

Middle TX Frequency (MHz)	2412.000
Relative permittivity (real part)	38.874
Relative permittivity (imaginary part)	13.325
Conductivity (S/m)	1.761

C. SAR Surface and Volume



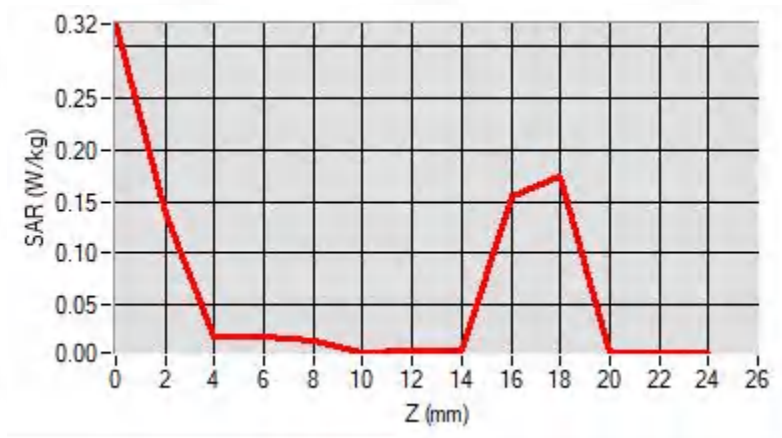
Maximum location: X=24.00, Y=15.00 ; SAR Peak: 1.05 W/kg

D. SAR 1g & 10g

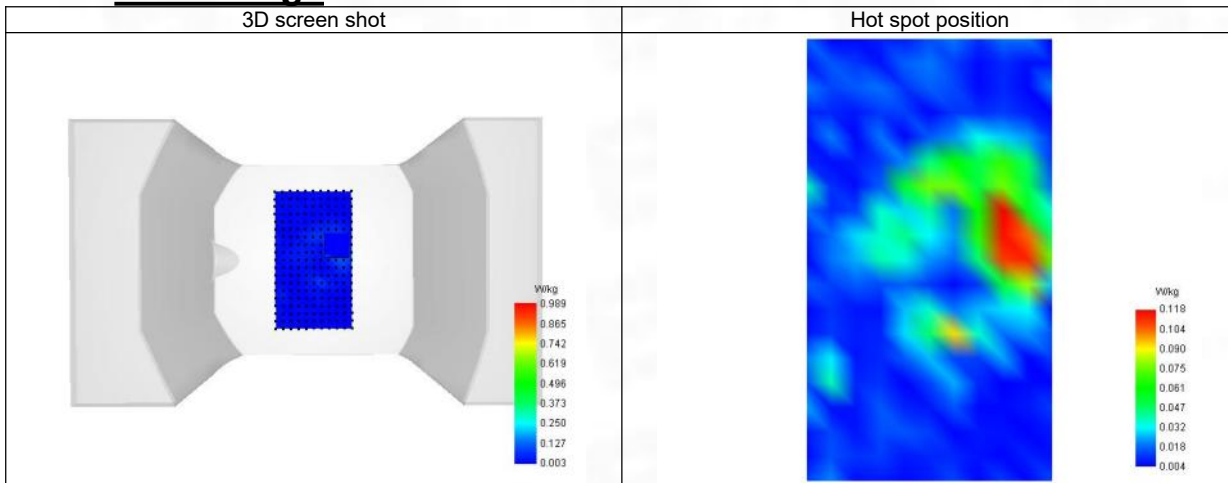
SAR 10g (W/Kg)	0.038
SAR 1g (W/Kg)	0.123
Variation (%)	1.530
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	25.645381

E. 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)	0.321	0.138	0.019	0.019	0.016	0.004	0.007	0.007	0.155	0.175	0.005	0.004



F. 3D Image



55-Body with Bottom position in dist. 5mm on Channel 46 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-1 (Body, Validation Plane)

Date of measurement: 26/10/2025

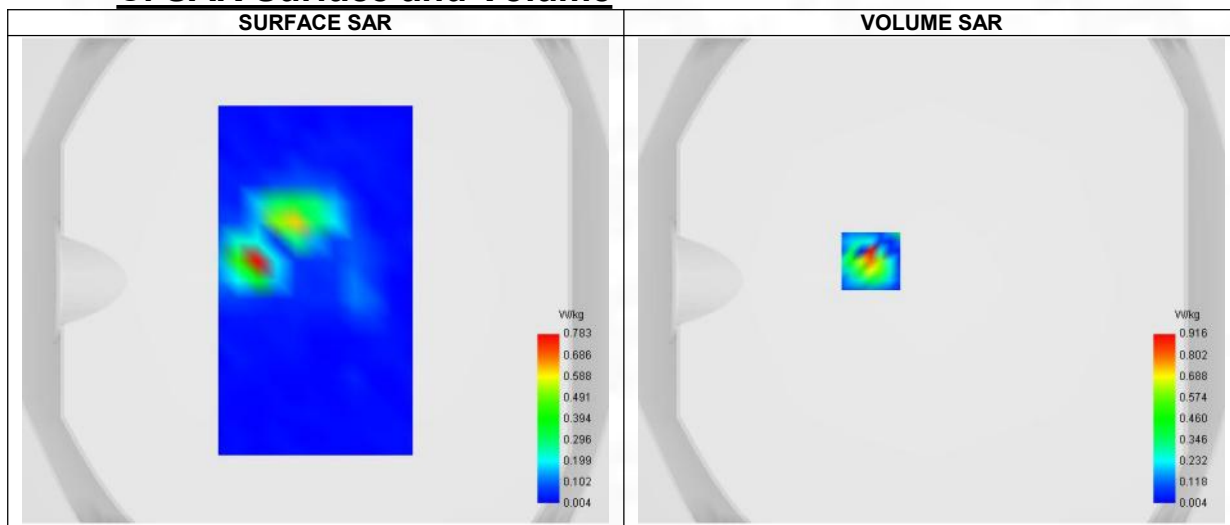
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.18
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-1
Channels/Frequency	Higher (46)/ frequency 5230.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5230.000
Relative permittivity (real part)	36.278
Relative permittivity (imaginary part)	16.261
Conductivity (S/m)	4.614

C. SAR Surface and Volume



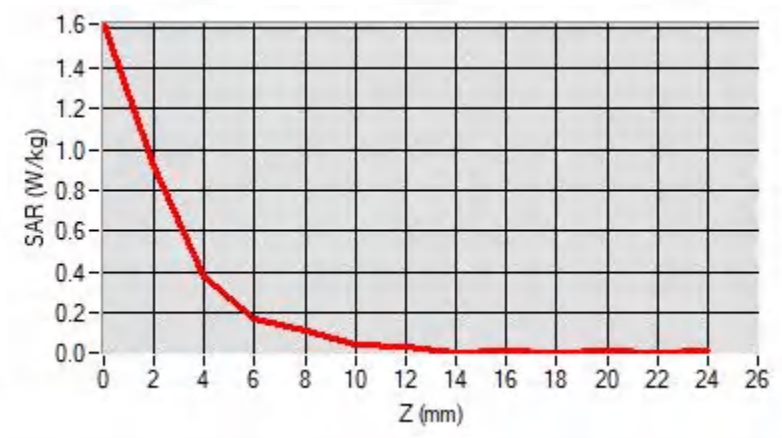
Maximum location: X=-25.00, Y=8.00 ; SAR Peak: 2.09 W/kg

D. SAR 1g & 10g

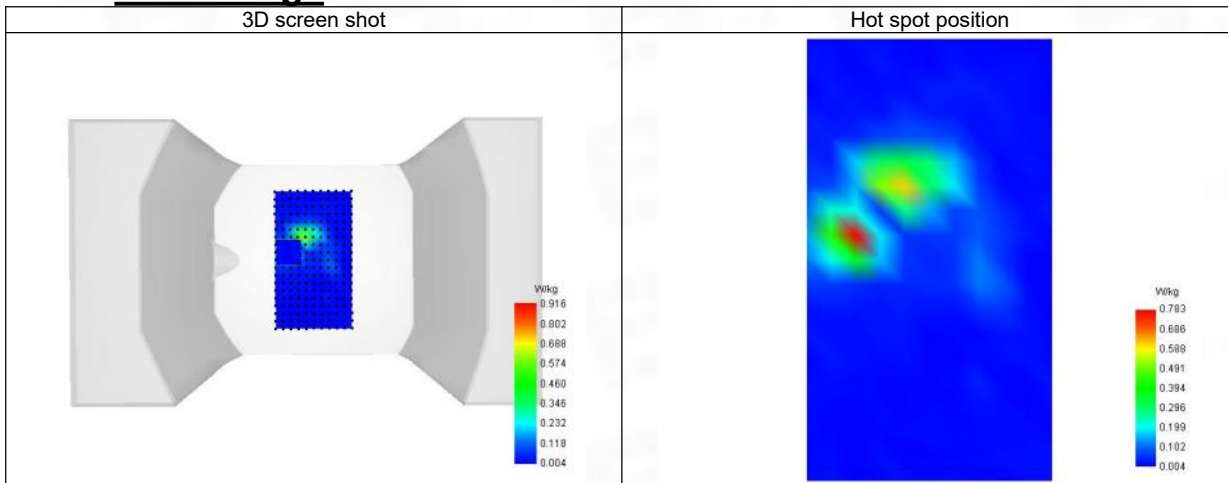
SAR 10g (W/Kg)	0.105
SAR 1g (W/Kg)	0.332
Variation (%)	2.710
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	34.858740

E. 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)	1.617	0.916	0.375	0.173	0.117	0.047	0.033	0.005	0.016	0.008	0.014	0.009



F. 3D Image



56-Limb with Bottom position in dist. 0mm on Channel 46 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-1 (Body, Validation Plane)

Date of measurement: 26/10/2025

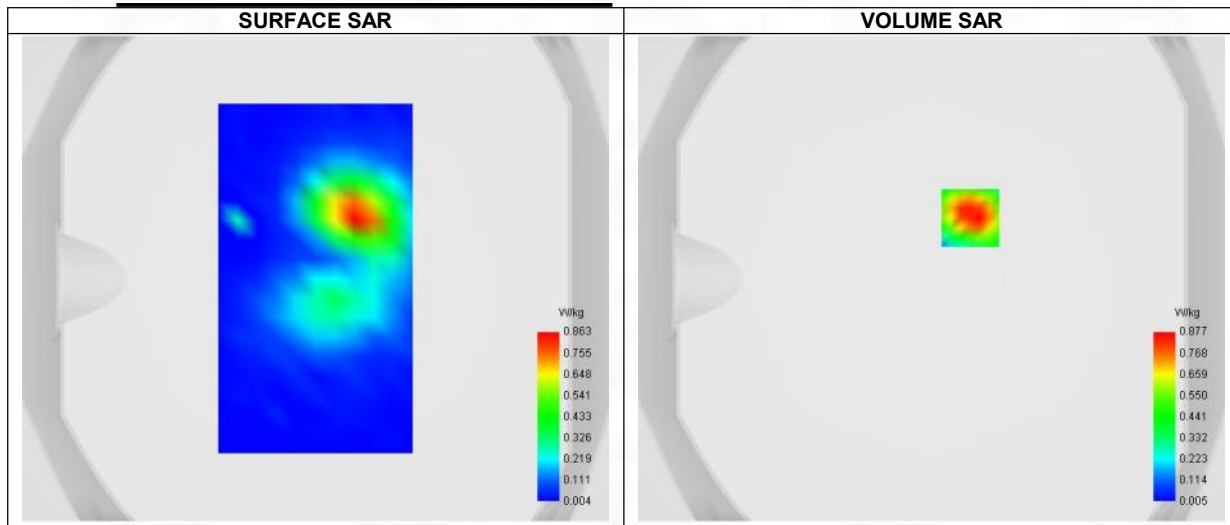
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.18
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-1
Channels/Frequency	Higher (46)/ frequency 5230.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5230.000
Relative permittivity (real part)	36.278
Relative permittivity (imaginary part)	16.261
Conductivity (S/m)	4.614

C. SAR Surface and Volume



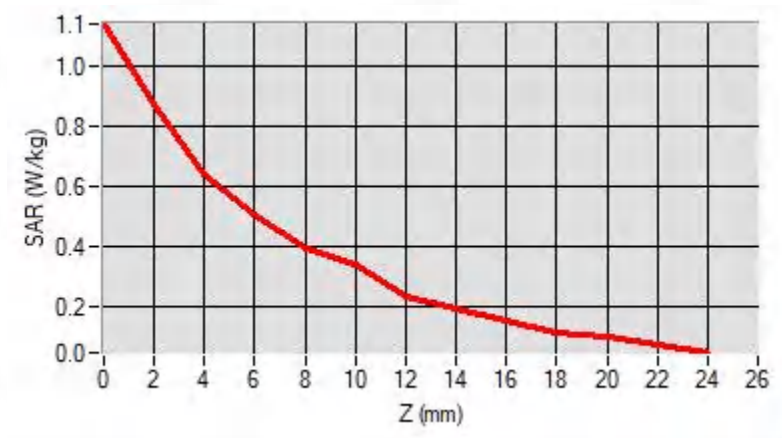
Maximum location: X=16.00, Y=25.00 ; SAR Peak: 1.24 W/kg

D. SAR 1g & 10g

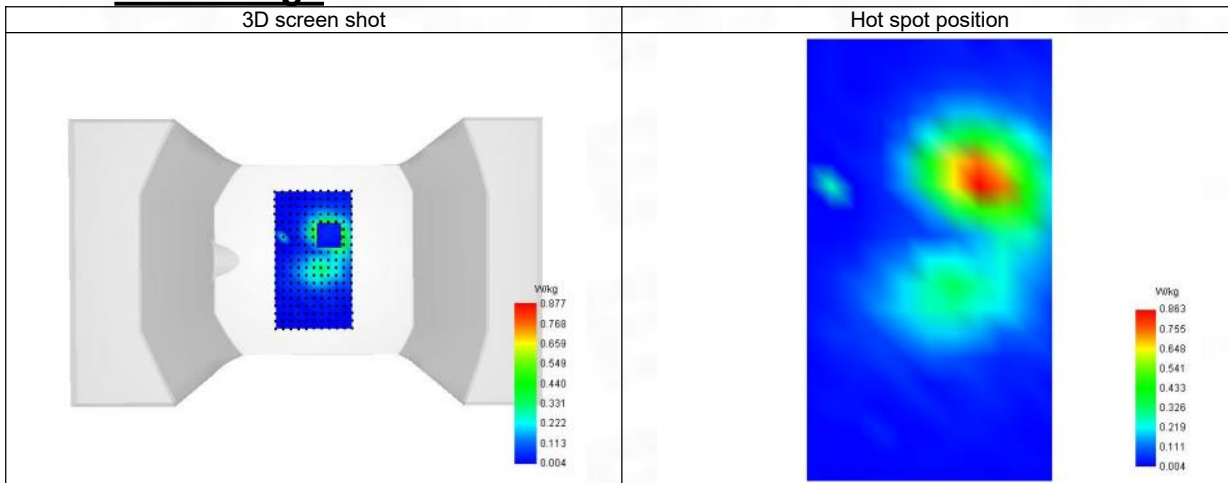
SAR 10g (W/Kg)	0.302
SAR 1g (W/Kg)	0.641
Variation (%)	-1.580
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	72.384536

E. 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)	1.142	0.877	0.644	0.505	0.396	0.340	0.235	0.193	0.155	0.116	0.104	0.076



F. 3D Image



57-Body with Bottom position in dist. 5mm on Channel 62 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-2a (Body, Validation Plane)

Date of measurement: 27/10/2025

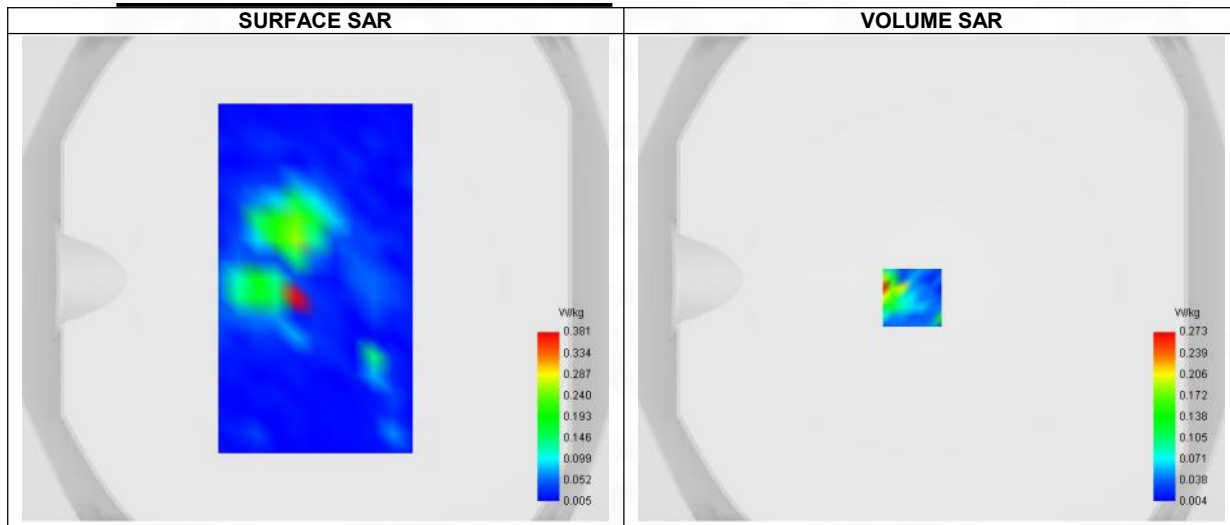
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2a
Channels/Frequency	Higher (62)/ frequency 5310.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5310.000
Relative permittivity (real part)	36.106
Relative permittivity (imaginary part)	16.288
Conductivity (S/m)	4.755

C. SAR Surface and Volume



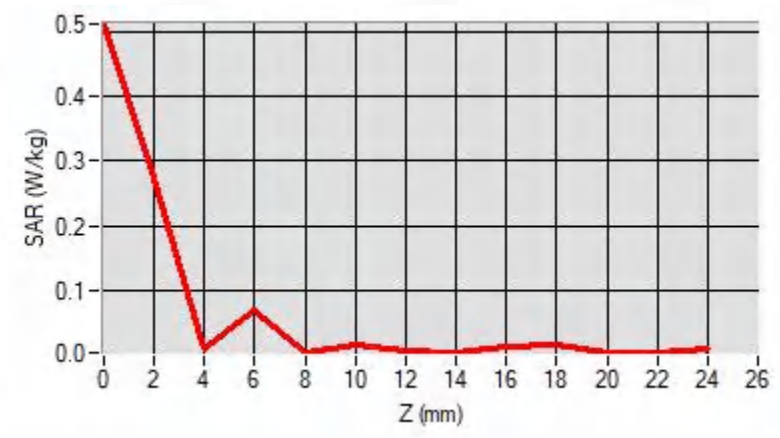
Maximum location: X=-8.00, Y=-8.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

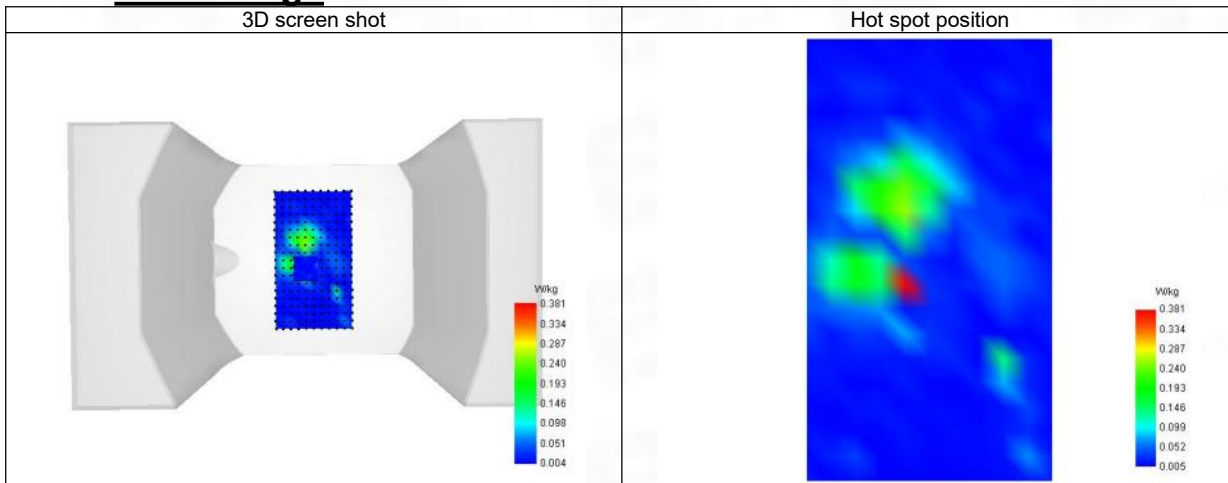
SAR 10g (W/Kg)	0.025
SAR 1g (W/Kg)	0.098
Variation (%)	1.470
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	50.756466

E. 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)	0.511	0.273	0.011	0.069	0.005	0.018	0.007	0.005	0.015	0.018	0.005	0.005



F. 3D Image



58-Limb with Bottom position in dist. 0mm on Channel 62 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-2a (Body, Validation Plane)

Date of measurement: 27/10/2025

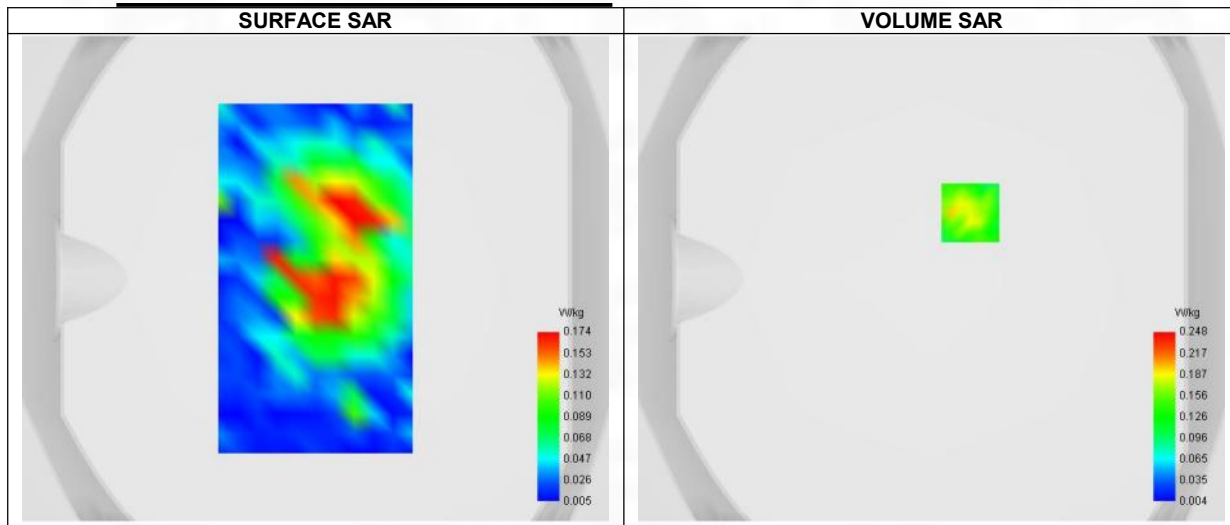
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2a
Channels/Frequency	Higher (62)/ frequency 5310.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5310.000
Relative permittivity (real part)	36.106
Relative permittivity (imaginary part)	16.288
Conductivity (S/m)	4.755

C. SAR Surface and Volume



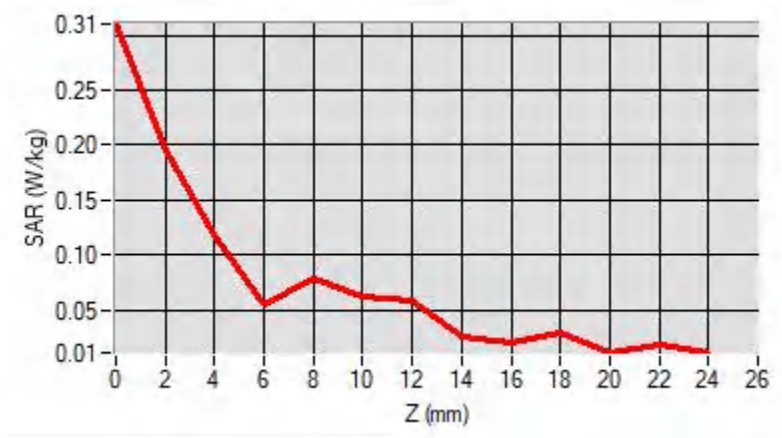
Maximum location: X=16.00, Y=27.00 ; SAR Peak: 0.39 W/kg

D. SAR 1g & 10g

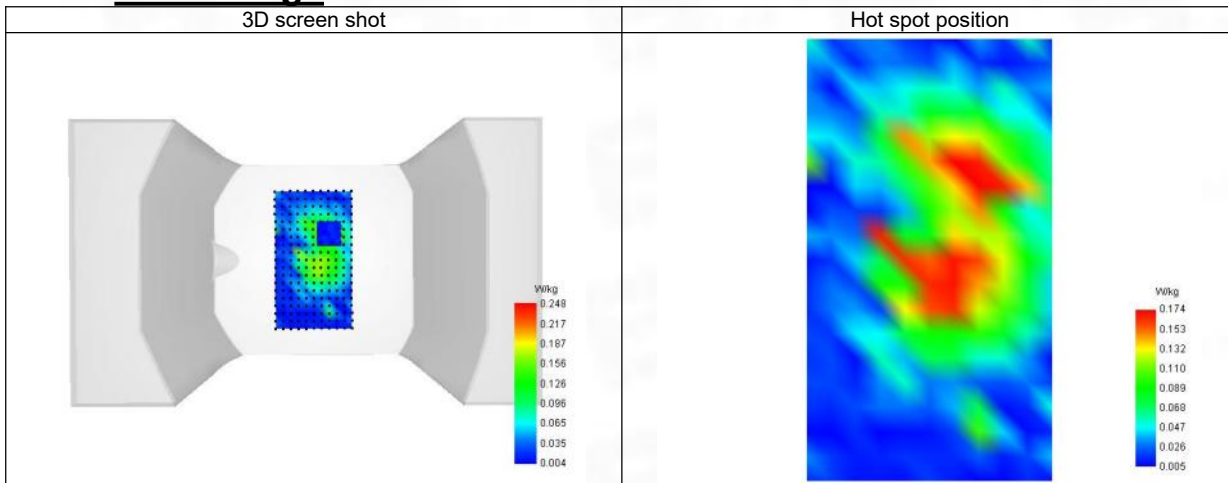
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.137
Variation (%)	-0.740
Horizontal validation criteria: minimum distance (mm)	12.649111
Vertical validation criteria: SAR ratio M2/M1 (%)	62.262029

E. 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)	0.310	0.196	0.118	0.056	0.080	0.063	0.059	0.027	0.021	0.030	0.012	0.019



F. 3D Image



59-Body with Bottom position in dist. 5mm on Channel 134 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-2c (Body, Validation Plane)

Date of measurement: 29/10/2025

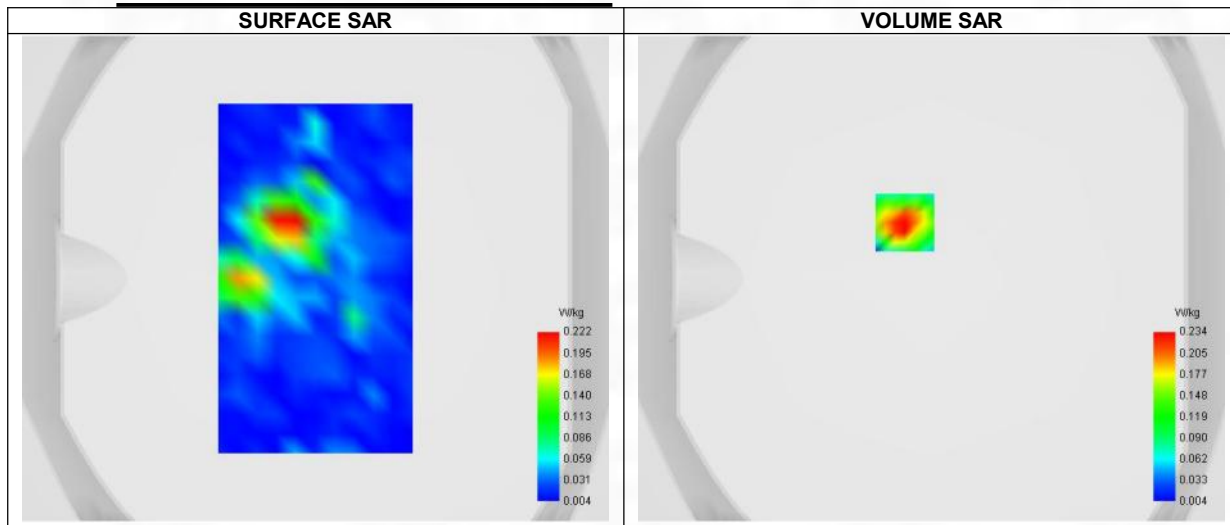
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.12
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2c
Channels/Frequency	Higher (134)/ frequency 5670.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5670.000
Relative permittivity (real part)	35.482
Relative permittivity (imaginary part)	16.445
Conductivity (S/m)	5.190

C. SAR Surface and Volume



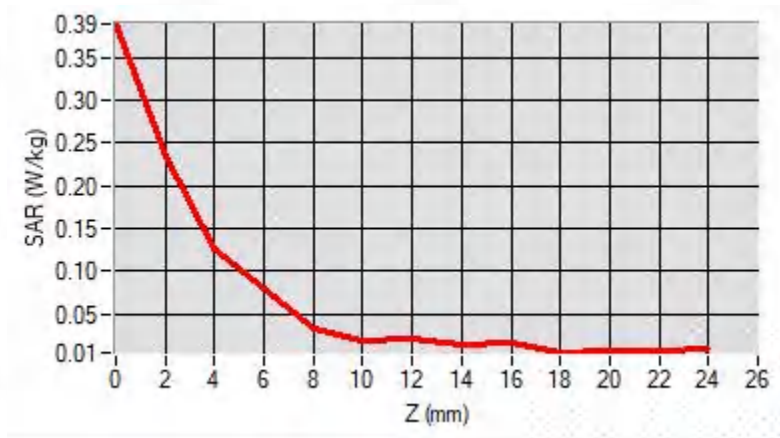
Maximum location: X=-11.00, Y=23.00 ; SAR Peak: 0.46 W/kg

D. SAR 1g & 10g

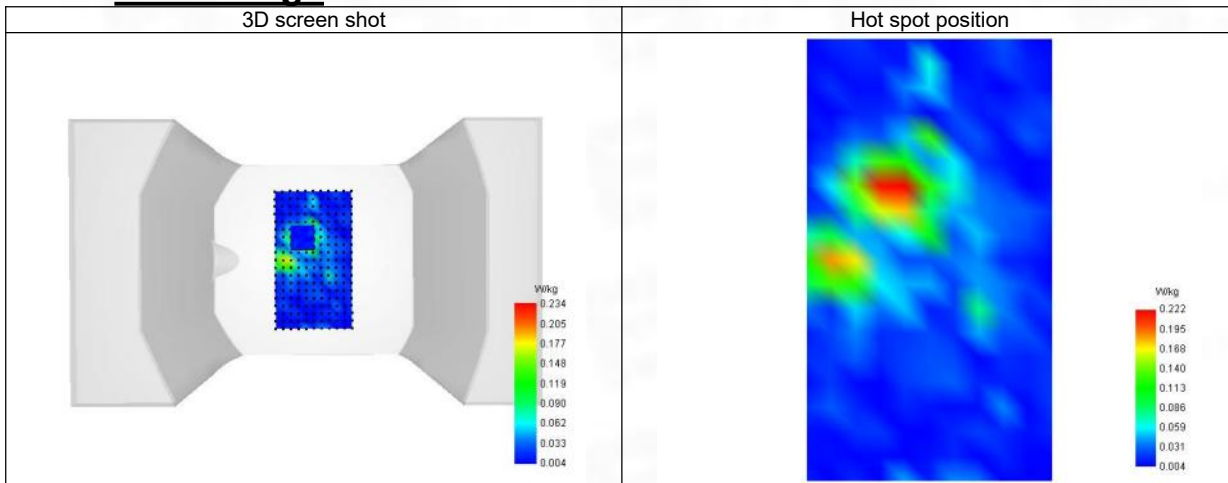
SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.150
Variation (%)	1.770
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	54.027710

E. 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)	0.389	0.234	0.127	0.080	0.033	0.019	0.023	0.013	0.017	0.005	0.008	0.008



F. 3D Image



60-Limb with Bottom position in dist. 0mm on Channel 134 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-2c (Body, Validation Plane)

Date of measurement: 29/10/2025

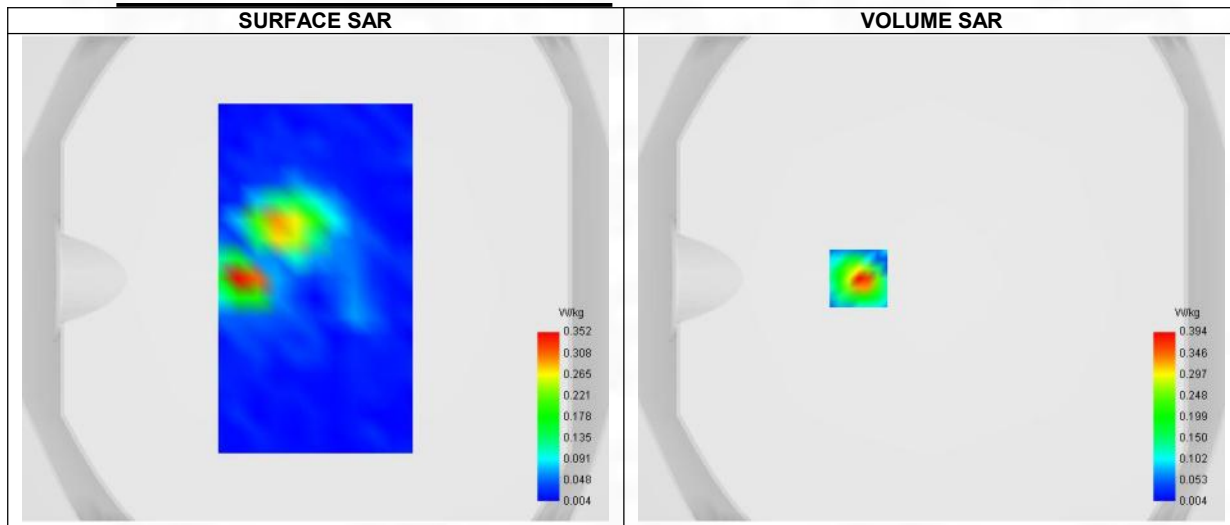
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.12
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2c
Channels/Frequency	Higher (134)/ frequency 5670.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5670.000
Relative permittivity (real part)	35.482
Relative permittivity (imaginary part)	16.445
Conductivity (S/m)	5.190

C. SAR Surface and Volume



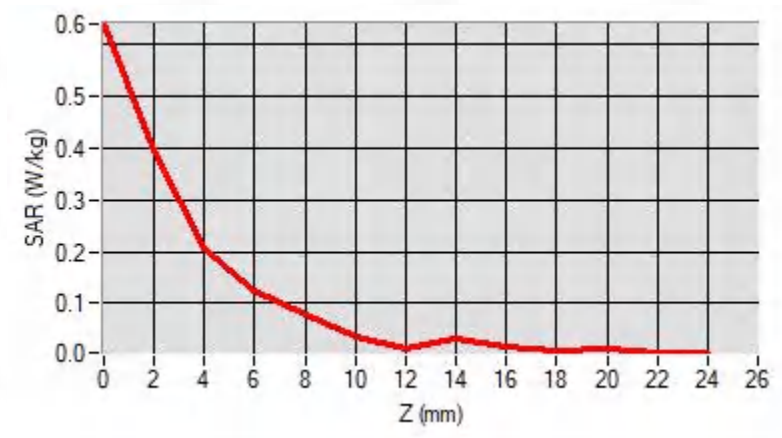
Maximum location: X=-30.00, Y=0.00 ; SAR Peak: 0.72 W/kg

D. SAR 1g & 10g

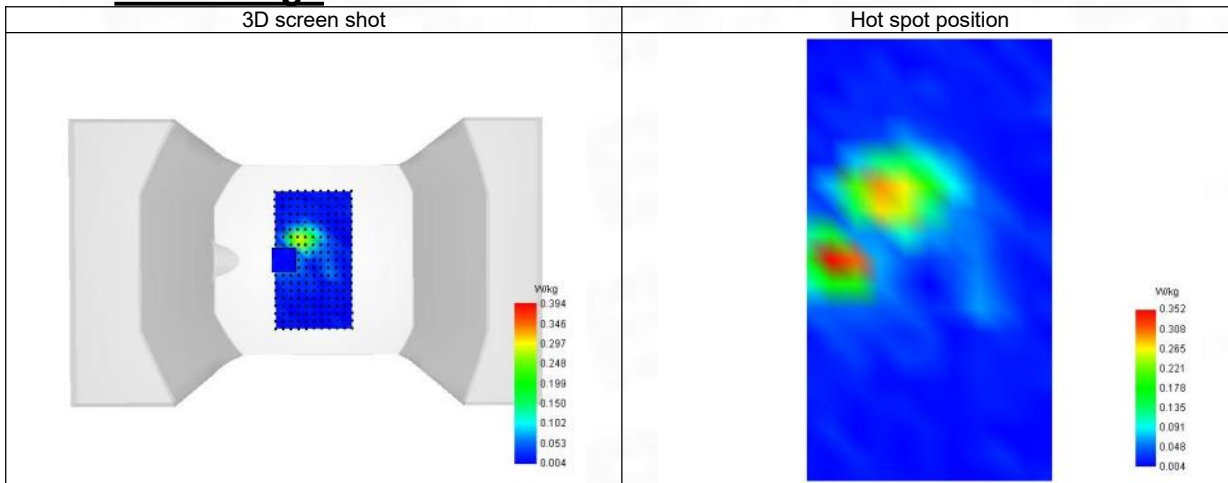
SAR 10g (W/Kg)	0.067
SAR 1g (W/Kg)	0.217
Variation (%)	-4.600
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	52.117077

E. 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)	0.640	0.394	0.205	0.127	0.078	0.036	0.014	0.034	0.018	0.007	0.013	0.006



F. 3D Image



61-Body with Bottom position in dist. 5mm on Channel 151 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-3 (Body, Validation Plane)

Date of measurement: 30/10/2025

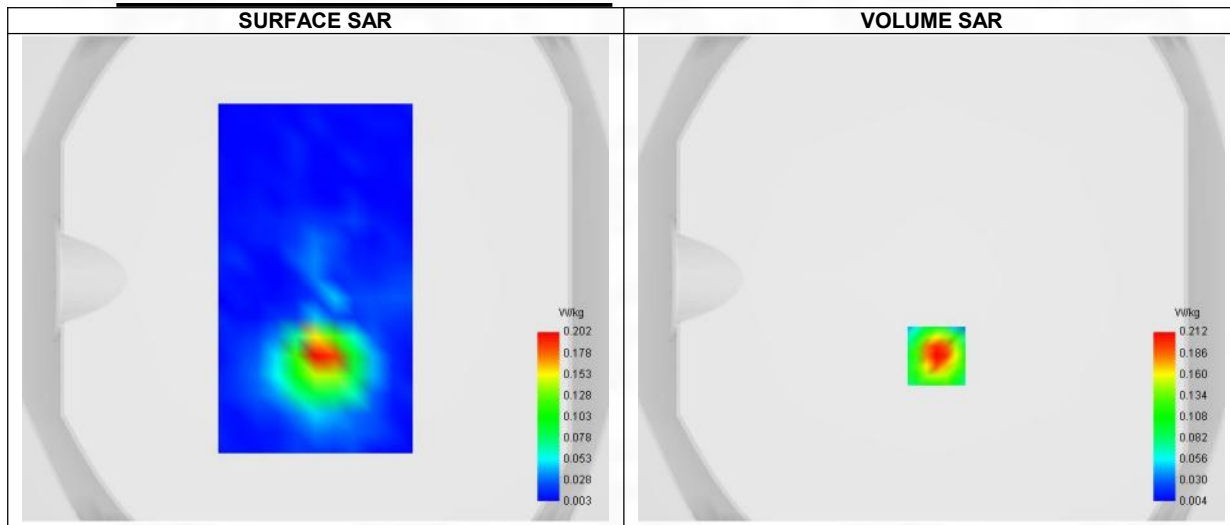
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-3
Channels/Frequency	Middle (151)/ frequency 5755.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5755.000
Relative permittivity (real part)	35.377
Relative permittivity (imaginary part)	16.471
Conductivity (S/m)	5.310

C. SAR Surface and Volume



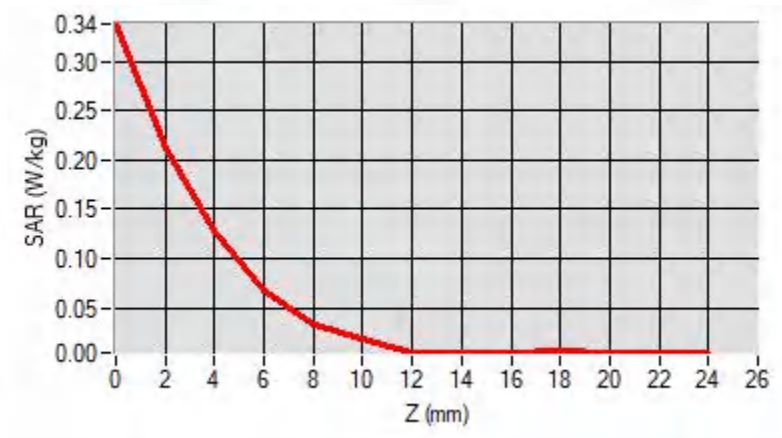
Maximum location: X=2.00, Y=-32.00 ; SAR Peak: 0.35 W/kg

D. SAR 1g & 10g

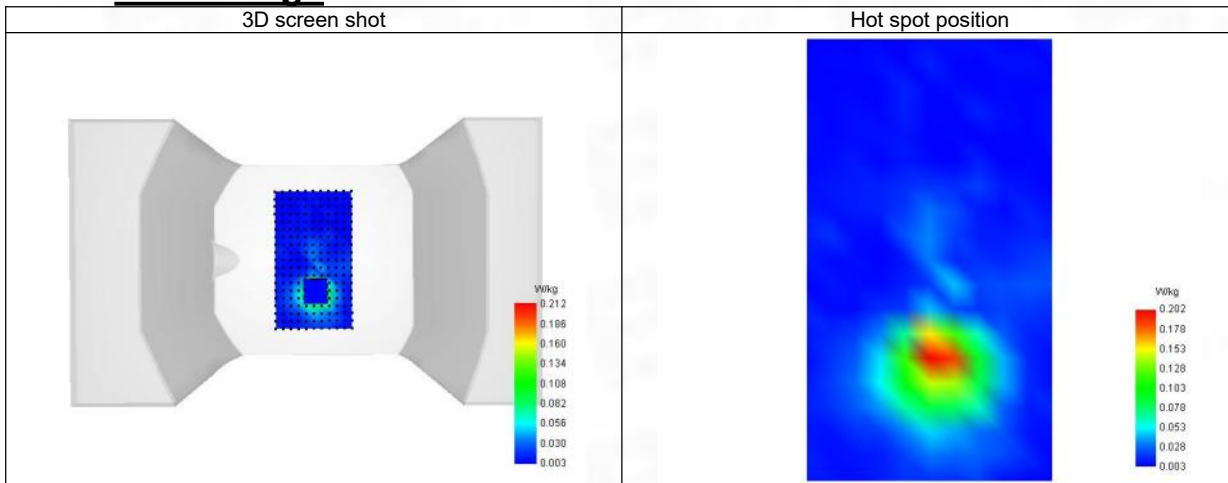
SAR 10g (W/Kg)	0.043
SAR 1g (W/Kg)	0.121
Variation (%)	-1.900
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	60.723248

E. 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)	0.338	0.212	0.129	0.067	0.033	0.019	0.004	0.005	0.004	0.007	0.005	0.005



F. 3D Image



62-Limb with Bottom position in dist. 0mm on Channel 151 in IEEE 802.11ac U-NII

SAR Measurement at U-NII-3 (Body, Validation Plane)

Date of measurement: 30/10/2025

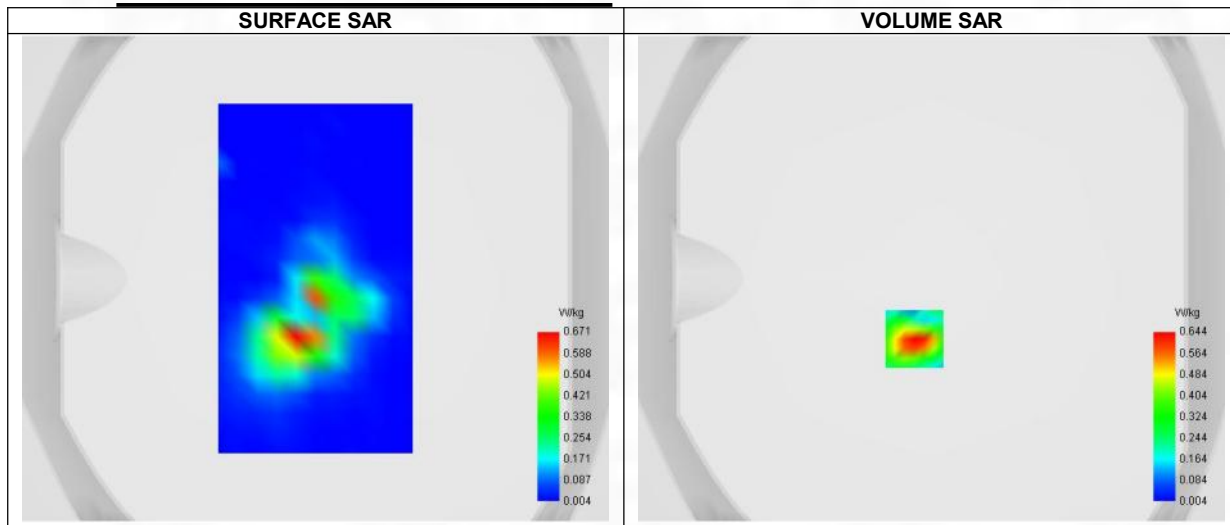
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-3
Channels/Frequency	Middle (151)/ frequency 5755.000 Mhz
Signal	IEEE 802.11 ac

B. Permittivity

Middle TX Frequency (MHz)	5755.000
Relative permittivity (real part)	35.377
Relative permittivity (imaginary part)	16.471
Conductivity (S/m)	5.310

C. SAR Surface and Volume



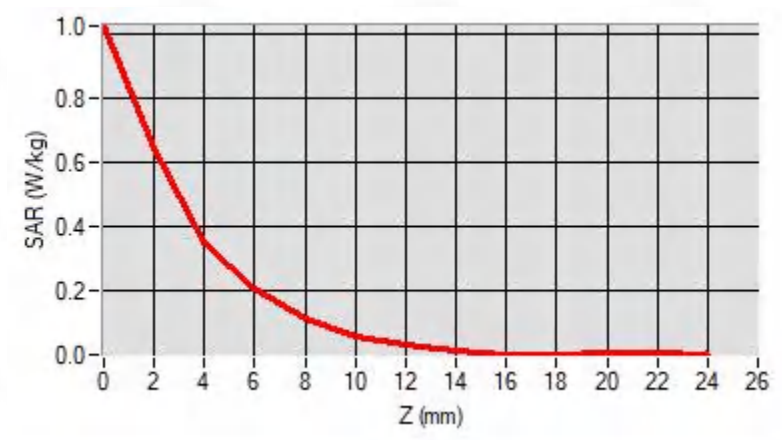
Maximum location: X=-7.00, Y=-25.00 ; SAR Peak: 1.13 W/kg

D. SAR 1g & 10g

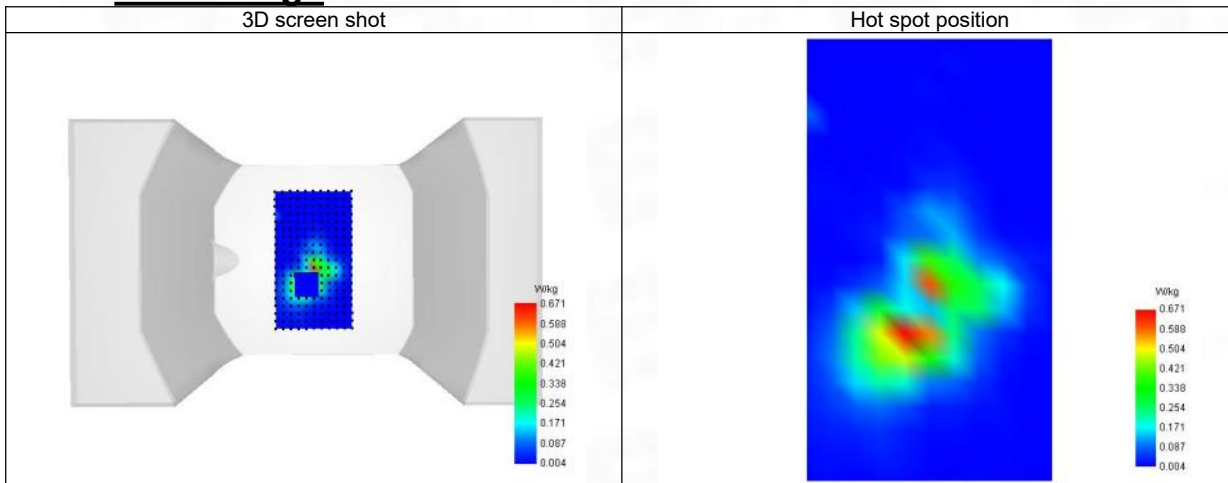
SAR 10g (W/Kg)	0.126
SAR 1g (W/Kg)	0.373
Variation (%)	-3.940
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.531078

E. 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)	1.025	0.644	0.351	0.211	0.114	0.061	0.032	0.019	0.007	0.004	0.007	0.008



F. 3D Image

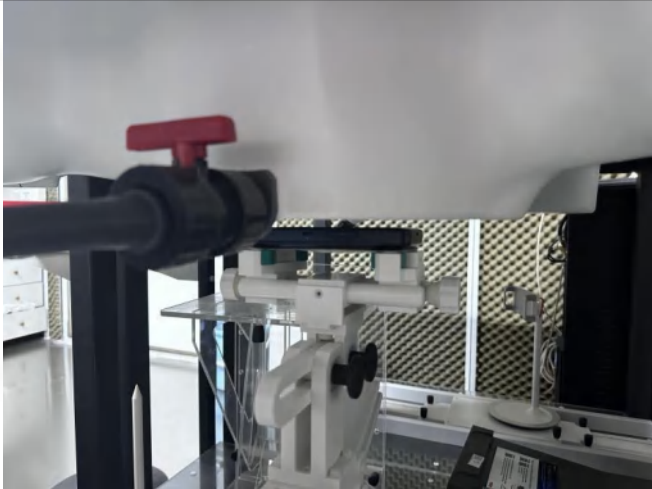


ANNEX D SAR Test Setup Photos

Reference Photo: simulation liquid depth 15.9cm



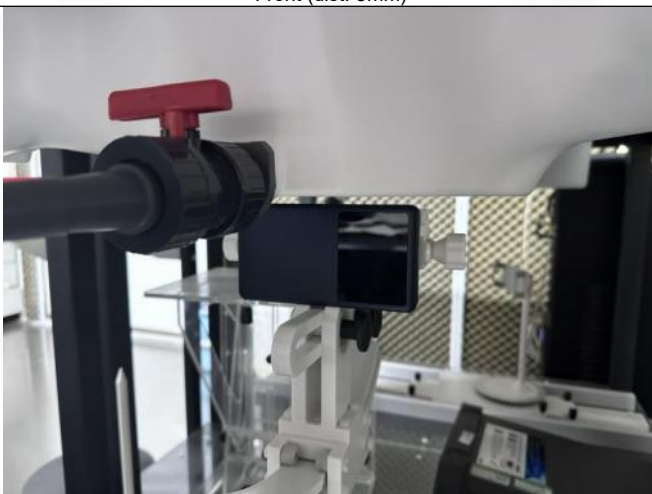
Reference Photos



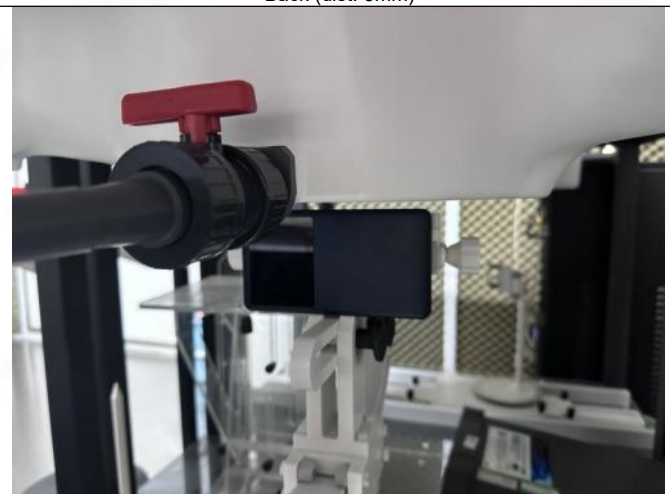
Front (dist. 5mm)



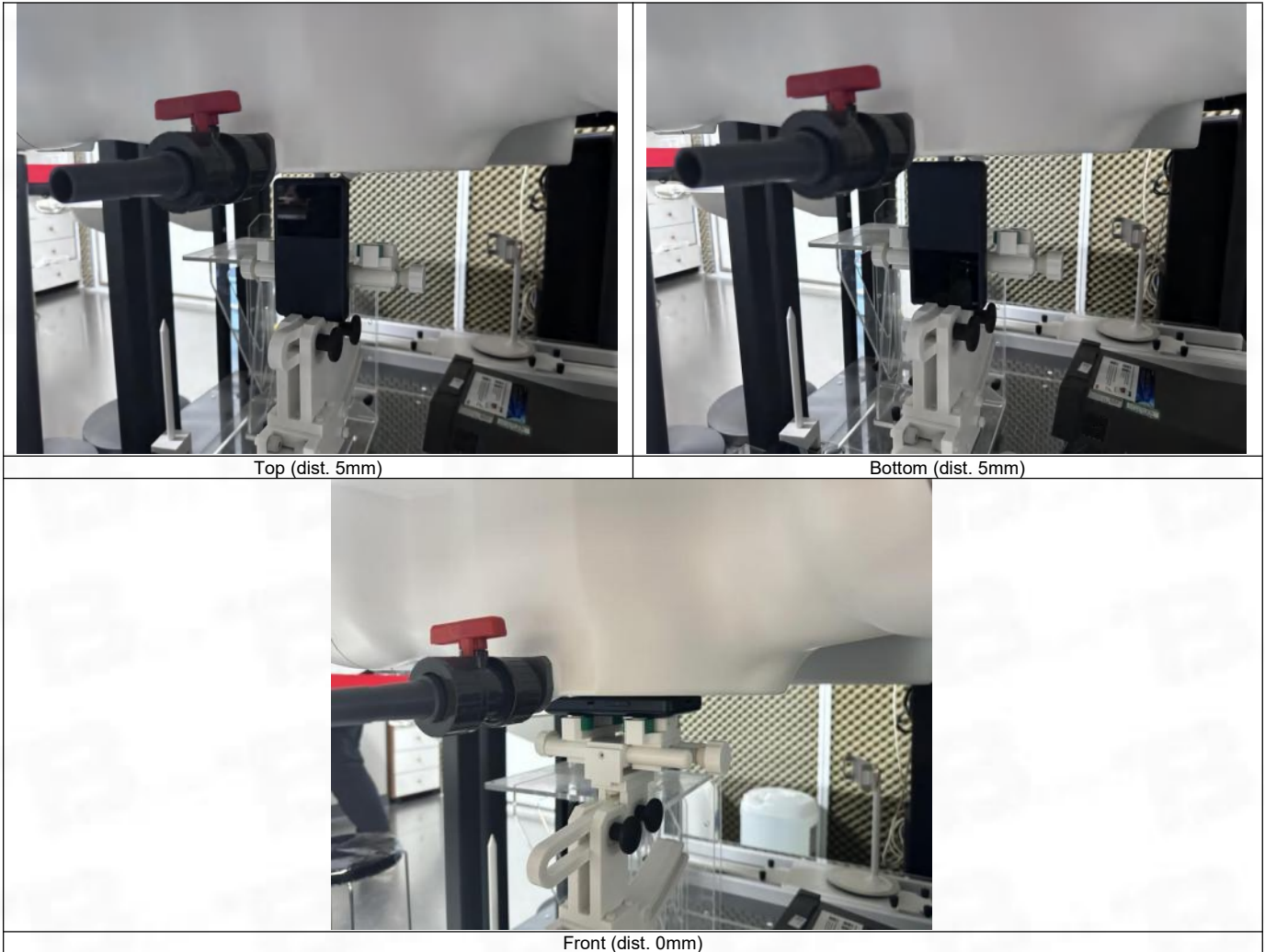
Back (dist. 5mm)



Left (dist. 5mm)



Right (dist. 5mm)



ANNEX E EUT External and Internal Photos

Please refer to RF Report.

ANNEX F Calibration Information

Please refer to the document "Calibration.pdf".



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--END OF REPORT--