



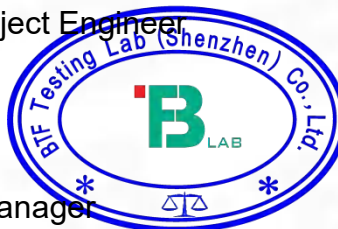
SAR Test Report

For

Applicant Name: FOXX Development Inc.
Address: 3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA
EUT Name: Smart Phone
Brand Name: FOXX, MIRO, FOXXD
Model Number: S13

Issued By

Company Name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Report Number: BTF250210R00801
Test Standards: FCC 47 CFR§2.1093 IEC/IEEE 62209-1528: 2020
IEEE C95.1-2019 KDB447498 D04 KDB865664 D01
KDB865664 D02 KDB941225 D01 KDB941225 D05
KDB248227 D01 KDB941225 D06 KDB648474 D04
KDB690783 D01
FCC ID: 2AQRM-S13
Test Conclusion: Pass
Test Date: 2025-04-18 to 2025-05-15
Date of Issue: 2025-05-16
Tested By: Jim Yin
Jim Yin / Tester
Date: 2025-05-16
Reviewed By: Amenda Zhong
Amenda Zhong / Project Engineer
Date: 2025-05-16
Approved By: Olic Huang
Olic Huang / EMC Manager
Date: 2025-05-16



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Revision History		
Version	Issue Date	Revisions Content
R_V0	2025-05-16	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:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, 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:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Description:	All measurement facilities used to collect the measurement data are located at F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, 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	Smart Phone
Under Test Model Name	S13
Sample No.	BTFSN250210009

2.5 Equipment under Test Ancillary Equipment

Ancillary Equipment 1	Rechargeable Battery	
	Capacity	5000mAh
	Nominal Voltage	3.89V

2.6 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EGPRS 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/17/25/66/71 TDD LTE Band 41 5G Network FDD NR Band 2/5/25/66 TDD NR Band 41/77 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) BT (EDR+BLE) NFC
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The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	GSM, WCDMA, LTE, NR, WLAN, Bluetooth, NFC		
Frequency Range	GSM 850	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	GSM 1900	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	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 17	TX: 704 ~ 716 MHz	RX: 734 ~ 746 MHz
	LTE Band 25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	LTE Band 71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	LTE Band 41	2496 ~ 2690 MHz	
	NR Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	NR Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	NR Band 25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	NR Band 41	2496 ~ 2690 MHz	
	NR Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	NR Band 77	3700 ~ 3980 MHz	
	802.11b/g/n(HT20/40)	2412 ~ 2462 MHz 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	
	Bluetooth	2402 ~ 2480 MHz	
	NFC	13.56 MHz	
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna BT: PIFA Antenna NFC: PIFA 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	IEC/IEEE 62209-1528: 2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)
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 follows:

<Highest Reported standalone SAR Summary>

Exposure Position	Frequency Band	Reported SAR (W/kg)	Equipment Class	Highest Reported SAR (W/kg)
Head 1-g SAR (0 mm Gap)	GSM 850	0.217	PCE	1.112
	GSM 1900	0.014		
	WCDMA Band II	0.019		
	WCDMA Band IV	0.010		
	WCDMA Band V	0.211		
	LTE Band 2	0.880		
	LTE Band 4	1.094		
	LTE Band 5	0.258		
	LTE Band 7	0.145		
	LTE Band 12	0.148		
	LTE Band 17	0.156		
	LTE Band 25	0.893		
	LTE Band 41	0.061		
	LTE Band 66	1.051		
	LTE Band 71	0.152		
	NR Band 2	0.739		
	NR Band 5	0.101		
	NR Band 25	0.617		
	NR Band 41	0.018		
	NR Band 66	1.112		
	NR Band 77	0.384		
	WLAN 2.4 GHz	0.463	DTS	
	WLAN 5.2 GHz	0.270	NII	
	WLAN 5.4 GHz	0.350		
	WLAN 5.6 GHz	0.356		
	WLAN 5.8 GHz	0.377		
	Bluetooth	0.079	DSS	
Exposure Position	Frequency Band	Reported SAR (W/kg)	Equipment Class	Highest Reported SAR (W/kg)
Body(Hotspot) 1-g SAR (10 mm Gap)	GSM 850	0.738	PCE	1.053
	GSM 1900	0.002		
	WCDMA Band II	0.004		
	WCDMA Band IV	0.003		
	WCDMA Band V	0.236		
	LTE Band 2	1.053		
	LTE Band 4	0.683		
	LTE Band 5	0.376		
	LTE Band 7	0.411		

	LTE Band 12	0.254		
	LTE Band 17	0.265		
	LTE Band 25	0.712		
	LTE Band 41	0.362		
	LTE Band 66	0.516		
	LTE Band 71	0.244		
	NR Band 2	0.384		
	NR Band 5	0.094		
	NR Band 25	0.434		
	NR Band 41	0.503		
	NR Band 66	0.247		
	NR Band 77	0.097		
	WLAN 2.4 GHz	0.187	DTS	
	WLAN 5.2 GHz	0.049	NII	
	WLAN 5.4 GHz	0.155		
	WLAN 5.6 GHz	0.148		
	WLAN 5.8 GHz	0.184		
	Bluetooth	0.051	DSS	

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 IEC/IEEE 62209-1528: 2020.

<Highest Reported Simultaneous SAR>

Exposure Position	Simultaneous Configuration	Highest Reported Simultaneous Transmission SAR (W/kg)	Limit (W/kg)	Verdict
Head 1-g SAR (0 mm Gap)	NR Band 66 + 2.4G WIFI	1.575	1.6	Pass
Body(Hotspot) 1-g SAR (10 mm Gap)	LTE Band 2 + 2.4G WIFI	1.240	1.6	Pass

3.4 Test Uncertainty

3.3.1 Measurement uncertainty evaluation for SAR test (300MHz to 6GHz)

Uncertainty Budget of 1g/10gpsSAR for DUT with COMOSAR											
Ambiente temperature: 18-25 °C & ΔT≤2 °C											
Humedity: 30-70%											
Frequency range: 150MHz-7500MHz											
Symbol	Input quantity Xi (source of uncertainty)	PDF _i	Unc. a(x) [± %]	Div. q	u(x)= a(x)/q _i	c _i 1g	c _i 10 g	u(y)= c _i *u(x) 1g [± %]	u(y)= c _i *u(x) 10g [± %]	v _i	Frequency range [MHz]
Measurement System errors											
CF	Probe calibration	N (k=2)	11.00	2.00	5.50	1.00	1.00	5.50	5.50	∞	150-450
			14.00	2.00	7.00	1.00	1.00	7.00	7.00	∞	600-7500
CF _{drift}	Probe calibration drift	R	2.30	1.73	1.33	1.00	1.00	1.33	1.33	∞	150-450
			4.00	1.73	2.31	1.00	1.00	2.31	2.31	∞	600-7500
LIN	Probe linearity	R	4.70	1.73	2.71	1.00	1.00	2.71	2.71	∞	150-7500
	Detection limit	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
BBS	Broadband signal	R	0.00	1.73	0.00	1.00	1.00	0.00	0.00	∞	
ISO	Axial Isotropy	R	3.50	1.73	2.02	0.71	0.71	1.43	1.43	∞	
	Hemispherical Isotropy	R	5.90	1.73	3.41	0.71	0.71	2.41	2.41	∞	
DAE	Boundary effect	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
	Integration time	R	1.40	1.73	0.81	1.00	1.00	0.81	0.81	∞	
	Response time	R	0.00	1.73	0.00	1.00	1.00	0.00	0.00	∞	
	Readout electronics	N	0.50	1.00	0.50	1.00	1.00	0.50	0.50	∞	
AMB	Noise	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
	Reflections	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
Δ _{xyz}	Positioner Mechanical Tolerance	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤7500
	Positioning with respect to Phantom Shell	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤7500
DAT	Data processing errors	R	2.30	1.73	1.33	1.00	1.00	1.33	1.33	∞	150-7500
Phanom and DUT errors											
LIQ(σ,ε)	Conductivity measurement	N	4.07	1.00	4.07	0.79	0.77	3.22	3.13	9	150-7500
	Permittivity measurement	N	5.06	1.00	5.06	0.23	0.26	1.16	1.32	9	
LIQ(T _c)	Liquid Conductivity- Temperature Uncertainty	R	2.50	1.73	1.44	0.79	0.77	1.14	1.11	∞	
	Liquid Permittivity- Temperature Uncertainty	R	2.50	1.73	1.44	0.23	0.26	0.33	0.38	∞	
EPS	Shell permittivity	R	2.90	1.73	1.67	0.00	0.00	0.00	0.00	∞	≥150 & ≤3000
			2.90	1.73	1.67	0.25	0.25	0.42	0.42	∞	>3000 & ≤6000
			2.90	1.73	1.67	0.50	0.50	0.84	0.84	∞	>6000 & ≤7500
DIS	Distance between the radiating element of the DUT and the phantom medium	N	2.70	1.00	2.70	2.00	2.00	5.40	5.40	∞	≥150 & ≤3000
			2.70	1.00	2.70	2.00	2.00	5.40	5.40	∞	>3000 & ≤6000
			3.20	1.00	3.20	2.00	2.00	6.40	6.40	∞	>6000 & ≤7500
D _{xyz}	Repeatability of positioning the DUT or source against the phantom	N	2.60	1.00	2.60	1.00	1.00	2.60	2.60	13	150-7500
H	Device holder effects	N	3.00	1.00	3.00	1.00	1.00	3.00	3.00	23	
MOD	Effect of operating mode on probe sensitivity	R	8.20	1.73	4.73	1.00	1.00	4.73	4.73	∞	
RF _{drift}	Variation in SAR due to drift in output of DUT	R	5.00	1.73	2.89	1.00	1.00	2.89	2.89		
Corrections to the SAR result											
C(ε',σ)	Phantom deviation from target (ε',σ)	N	1.90	1.00	1.90	1.00	1.00	1.90	1.90		150-7500
C(R)	SAR scaling	R	5.00	1.73	2.89	1.00	1.00	2.89	2.89		
u(ΔSAR)	Combined uncertainty							12.54	12.53		150-450
								13.40	13.40		≥600 & ≤3000
								13.44	13.43		>3000 & ≤6000
								13.89	13.88		>6000 & ≤7500
U	Expanded uncertainty (95% confidence interval)							25.08	25.07		150-450
								26.80	26.79		≥600 & ≤3000
								26.87	26.86		>3000 & ≤6000
								27.77	27.76		>6000 & ≤7500

3.3.2 Measurement uncertainty evaluation for system check

Uncertainty Budget of 1g/10g psSAR for System Validation/Check COMOSAR											
Ambiente temperature: 18-25 °C & ΔT≤2 °C											
Humedity: 30-70%											
Frequency range: 150MHz-7500MHz											
Symbol	Input quantity Xi (source of uncertainty)	PDF _i	Unc. a(x _i) [±%]	Div. q	u(x _i)= a(x _i)/q _i	c _i 1g	c _i 10 g	u(y)= c _i *u(x _i) 1g [± %]	u(y)= c _i *u(x _i) 10g [± %]	v _i	Frequency range [MHz]
Measurement System errors											
CF	Probe calibration	N (k=2)	11.00	2.00	5.50	1.00	1.00	5.50	5.50	∞	150-450
			14.00	2.00	7.00	1.00	1.00	7.00	7.00	∞	600-7500
CF _{drift}	Probe calibration drift	R	2.30	1.73	1.33	1.00	1.00	1.33	1.33	∞	150-450
			4.00	1.73	2.31	1.00	1.00	2.31	2.31	∞	600-7500
LIN	Probe linearity	R	4.70	1.73	2.71	1.00	1.00	2.71	2.71	∞	150-7500
	Detection limit	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
ISO	Axial Isotropy	R	3.50	1.73	2.02	0.71	0.71	1.43	1.43	∞	
	Hemispherical Isotropy	R	5.90	1.73	3.41	0.71	0.71	2.41	2.41	∞	
DAE	Boundary effect	R	1.00	1.73	0.58	1.00	1.00	0.58	0.58	∞	
	Integration time	R	1.40	1.73	0.81	1.00	1.00	0.81	0.81	∞	
	Response time	R	0.00	1.73	0.00	1.00	1.00	0.00	0.00	∞	
	Readout electronics	N	0.50	1.00	0.50	1.00	1.00	0.50	0.50	∞	
AMB	Noise	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
	Reflections	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73	∞	
Δ _{xyz}	Positioner Mechanical Tolerance	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤10000
	Positioning with respect to Phantom Shell	R	1.40	1.73	0.81	0.14	0.14	0.12	0.12	∞	≥150 & ≤3000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>3000 & ≤6000
			3.28	1.73	1.89	0.33	0.33	0.62	0.62	∞	>6000 & ≤10000
DAT	Data processing errors	R	2.30	1.73	1.33	1.00	1.00	1.33	1.33	∞	150-7500
Phanom and Dipoles erros											
LIQ(σ,ε)	Conductivity measurement	N	4.07	1.00	4.07	0.79	0.77	3.22	3.13	9	150-7500
	Permittivity measurement	N	5.06	1.00	5.06	0.23	0.26	1.16	1.32	9	
LIQ(T _c)	Liquid Conductivity - Temperature Uncertainty	R	2.50	1.73	1.44	0.79	0.77	1.14	1.11	∞	
	Liquid Permittivity - Temperature Uncertainty	R	2.50	1.73	1.44	0.23	0.26	0.33	0.38	∞	
EPS	Shell permittivity	R	2.90	1.73	1.67	0.00	0.00	0.00	0.00	∞	≥150 & ≤3000
			2.90	1.73	1.67	0.25	0.25	0.42	0.42	∞	>3000 & ≤6000
			2.90	1.73	1.67	0.50	0.50	0.84	0.84	∞	>6000 & ≤10000
DIS	Distance between the radiating element of the DUT and the phantom medium	N	2.70	1.00	2.70	2.00	2.00	5.40	5.40	∞	≥150 & ≤3000
			2.70	1.00	2.70	2.00	2.00	5.40	5.40	∞	>3000 & ≤6000
			3.20	1.00	3.20	2.00	2.00	6.40	6.40	∞	>6000 & ≤10000
VAL	Deviation of experimental antennas	N	4.50	1.73	2.60	1.00	1.00	2.60	2.60		150-7500
	Other uncertainty contributions	R	2.00	1.00	2.00	1.00	1.00	2.00	2.00		
P _{in}	Uncertainty in accepted power	R	3.00	1.73	1.73	1.00	1.00	1.73	1.73		
Corrections to the SAR result											
C(ε',σ)	Phantom deviation from target (ε',σ)	N	1.90	1.00	1.90	1.00	1.00	1.90	1.90		150-7500
u(ΔSAR)	Combined uncertainty							10.78	10.77		150-450
								11.77	11.76		≥600 & ≤3000
								11.81	11.80		>3000 & ≤6000
								12.32	12.31		>6000 & ≤7500
U	Expanded uncertainty (95% confidence interval)							21.56	21.54		150-450
								23.54	23.52		≥600 & ≤3000
								23.62	23.60		>3000 & ≤6000
								24.64	24.62		>6000 & ≤7500

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:

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

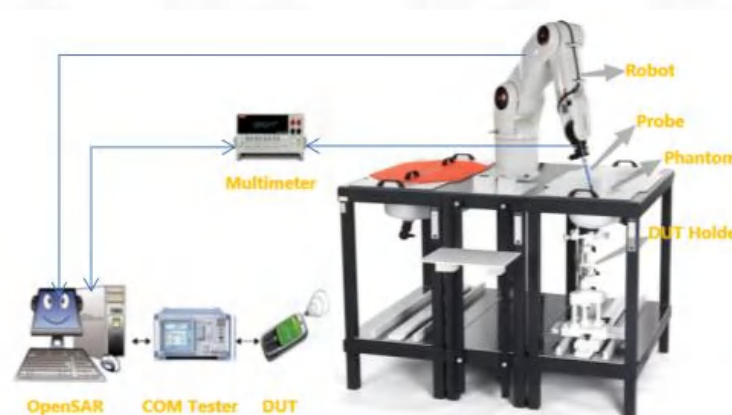
SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

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

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.



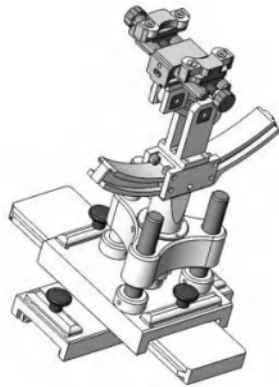
ELLI Phantom

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

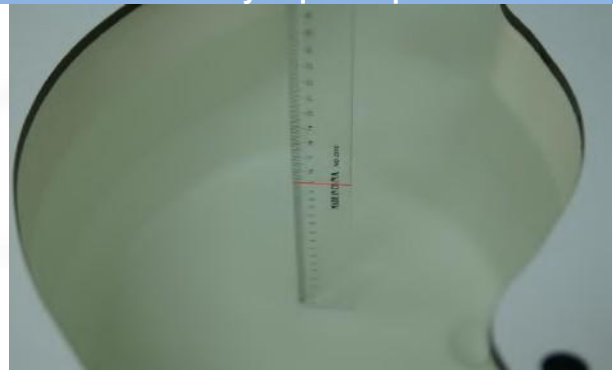
4.2.6 Simulating Liquid

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.

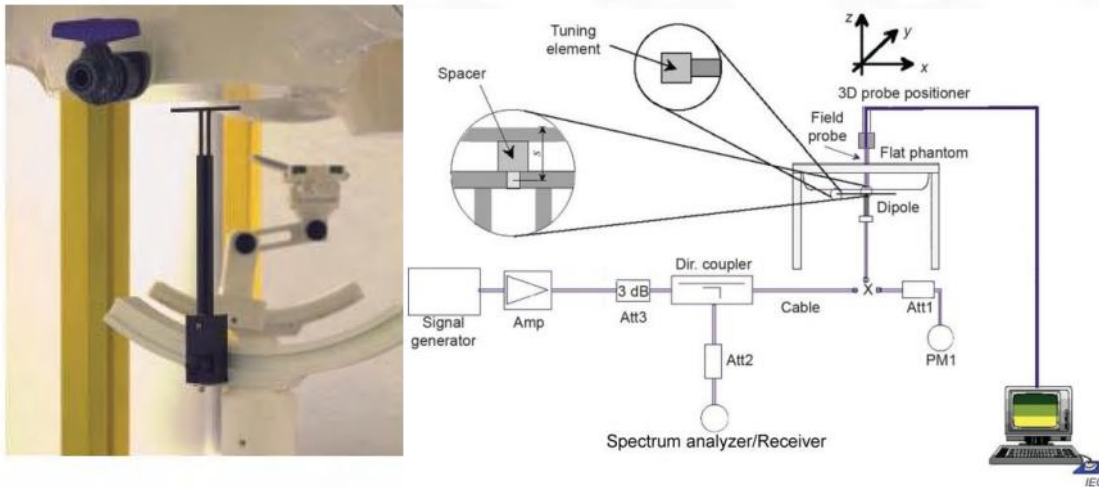
Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ε
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5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

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 IEC IEEE 62209-1528:2020 using the SAM phantom illustrated as below.

6.1.1 Definition of the cheek position

The cheek position is established using steps a) to j) as follows.

- (a) Configure the DUT for voice operation, if necessary. For example, for a DUT with a flip.a)swivel, or slide cover piece, open the cover if this is consistent with voice operation. If the DUT can also be used with the cover closed, both configurations shall be tested.
- (b) Define two imaginary lines on the DUT, the vertical centreline and the horizontal line, relative to the DUT in vertical orientation as shown in Figure 15.
- (c) The vertical centreline passes through two points on the front side of the DUT: the midpoint of the width w of the DUT at the level of the acoustic output (Point A in Figure 15), and the midpoint of the width w_t at the bottom of the DUT (Point B). The horizontal line is perpendicular to the vertical centerline, and passes through the centre of the acoustic output (Figure 15). The two lines intersect at Point A. Note that for many DUTs, Point A coincides with the centre of the acoustic output. However, the acoustic output could be located elsewhere on the horizontal line. Also note that the vertical centreline is not necessarily parallel to the front face of the DUT, especially for clamshell DUTs, DUTs with flip cover pieces, and other irregularly shaped DUTs.
- (d) Position the DUT close to the surface of the phantom such that Point A is on the (virtual) extension of the line passing through points RE (right-ear ear reference point) and LE left-ear ear reference point) on the phantom (see Figure 16a) and Figure 16b)). The plane determined by the vertical centreline and the horizontal line of the DUT shall be parallel to the sagittal plane of the phantom.
- (e) Translate the DUT towards the phantom along the line passing through RE and LE until the DUT touches the ear (see Figure 16c)).
- (f) Rotate the DUT around the (virtual) LE-RE Line until the DUT vertical centreline is in the)reference plane(see Figure 16d)).
- (g) Rotate the DUT around its vertical centreline until the plane established by the DUT vertical centreline and horizontal line is parallel to the N-F line (see Annex G), and then translate the DUT towards the phantom along the LE-RE line until DUT Point A touches the ear at the ERP (ear reference point) (see Figure 16e))
- (h) While keeping Point A on the line passing through RE and LE and maintaining the DUT in contact with the pinna, rotate the DUT about the N-F line until any point on the DUT is in contact with a phantom point below the pinna (cheek) (see Figure 16f)). The physical angles of rotation shall be documented.
- (i) While keeping DUT Point A in contact with the ERP rotate the DUT around a line perpendicular to the plane established by the DUT vertical centreline and horizontal line and passing through DUT Point A, until the DUT vertical centreline is in the reference plane(see Figure 16g)).

- (j) Verify that the cheek position is correct as follows:
- 1) the N-F line is in the plane established by the DUT vertical centreline and horizontal line;
 - 2) DUT Point A touches the pinna at the ERP
 - 3) the DUT vertical centreline is in the reference plane.

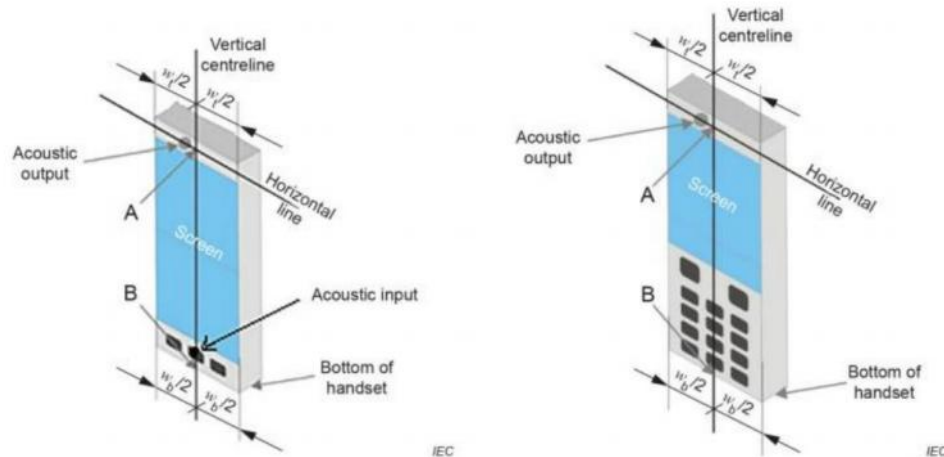
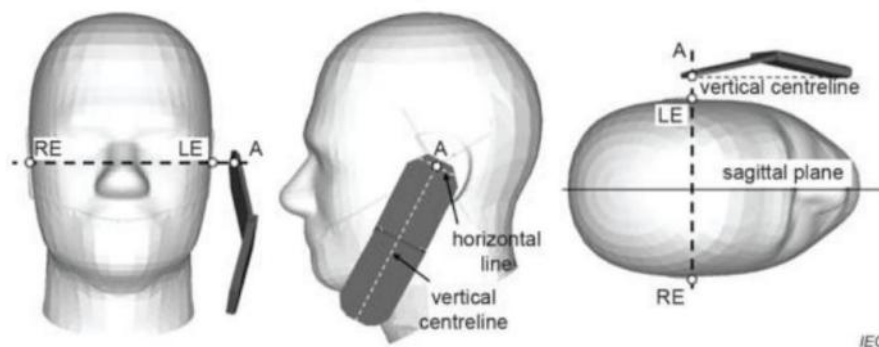


Figure 15 - Vertical and horizontal reference lines and reference points A and B on two example device types: a full touch-screen smart phone (left) and a DUT with a keypad (right)

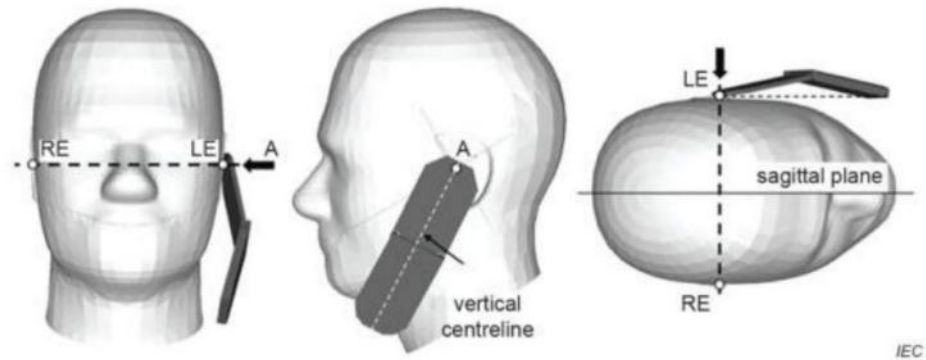


NOTE The reference points for the right-ear ear reference point (RE), left-ear ear reference point (LE), and mouth (M), which establish the reference plane for DUT positioning, are indicated. This device position shall be maintained for the sagittal phantom test set-up shown in Figure G.4.

a) Phone position 1 – cheek position

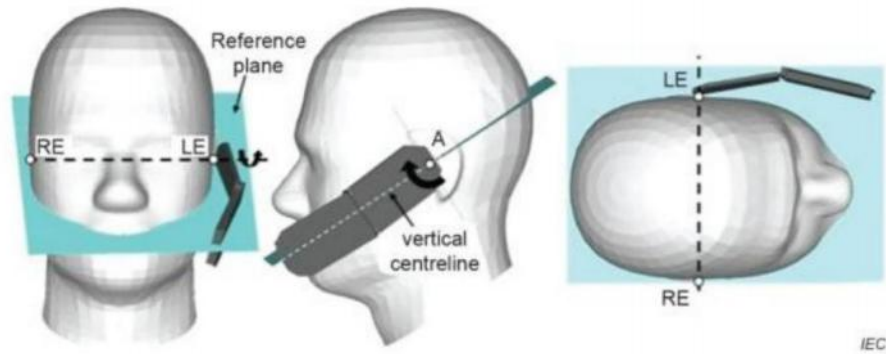


b) One possible DUT position against the head after applying 7.2.4.2.2 c)



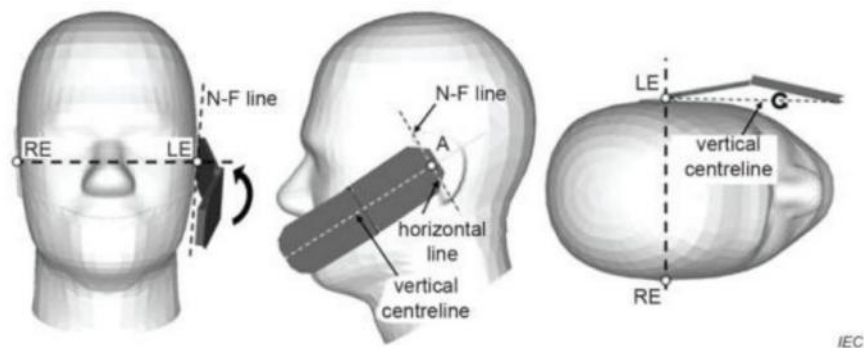
NOTE The black arrows show the direction of translation of the DUT for 7.2.4.2.2 d).

c) DUT position after applying 7.2.4.2.2 d)



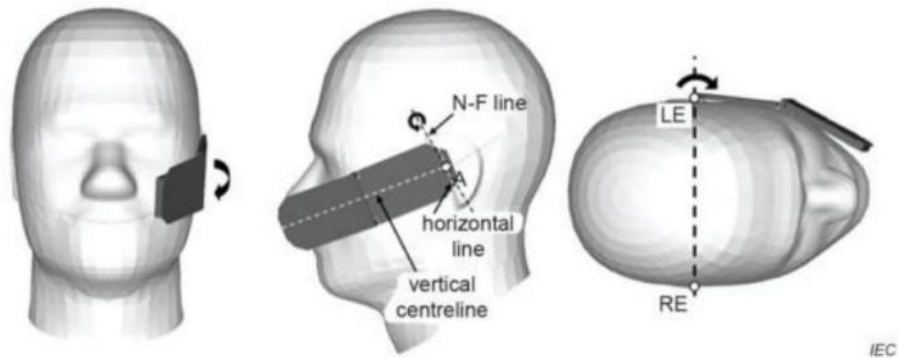
NOTE The curved black arrows show the direction of rotation of the DUT for 7.2.4.2.2 e).

d) DUT position after applying 7.2.4.2.2 e)



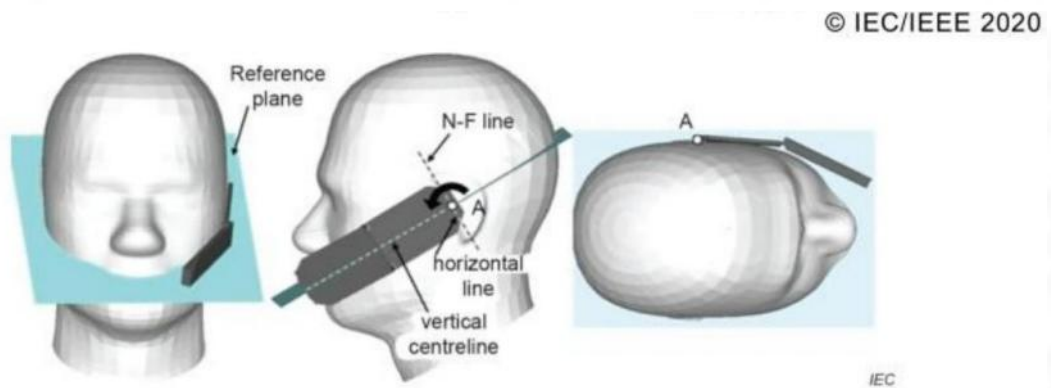
NOTE The curved black arrows show the direction of rotation of the DUT for 7.2.4.2.2 f).

e) DUT position after applying 7.2.4.2.2 f)



NOTE The curved black arrows show the direction of rotation of the DUT for 7.2.4.2.2 g)

f) DUT position after applying 7.2.4.2.2 g)



NOTE The curved black arrows show the direction of rotation of the DUT for 7.2.4.2.2 h).

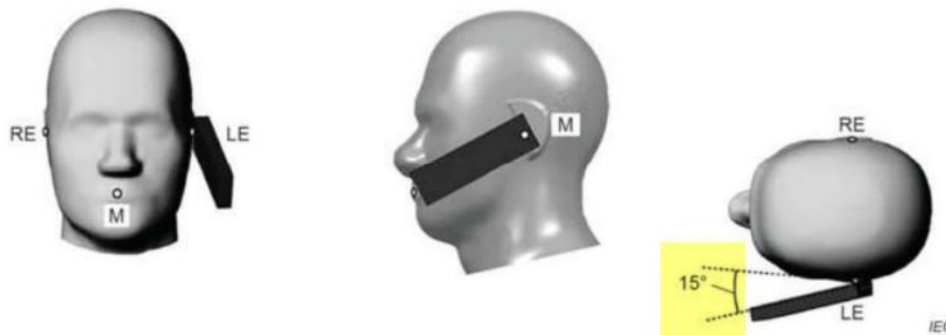
g) DUT position after applying 7.2.4.2.2 h)

Figure 16 – Cheek position of the DUT on the left side of SAM where the device position shall be maintained for the phantom test set-up

6.1.2 Definition of the tilt position

The tilt position is established using steps a) through d) as follows.

- Repeat steps a) through j) of 7.2.4.2.2 to place the DUT in the cheek position)(see Figure 16).
- While maintaining the orientation of the DUT, move the DUT away from the pinna along the line passing through RE and LE far enough to allow a rotation of the DUT away from the cheek by 15°.
- Rotate the DUT around the horizontal line by 15°(see Figure 17).
- While maintaining the orientation of the DUT. move the DUT towards the phantom on a line passing through RE and LE until any part of the DUT touches the ear. The tilt position is obtained when the contact is on the pinna. If the contact is at any location other than the pinna, e.g. an extended antenna in contact with the back of the head phantom, the angle of the DUT shall be reduced. in this case, the tilt position is obtained if any part of the DUT is in contact with the pinna and a second point on the DUT is in contact with the phantom, e.g. the antenna in contact with the back of the head.



Key

- M Mouth reference point
- LE Left-ear ear reference point
- RE Right-ear ear reference point

This device position shall be maintained for the phantom test set-up.

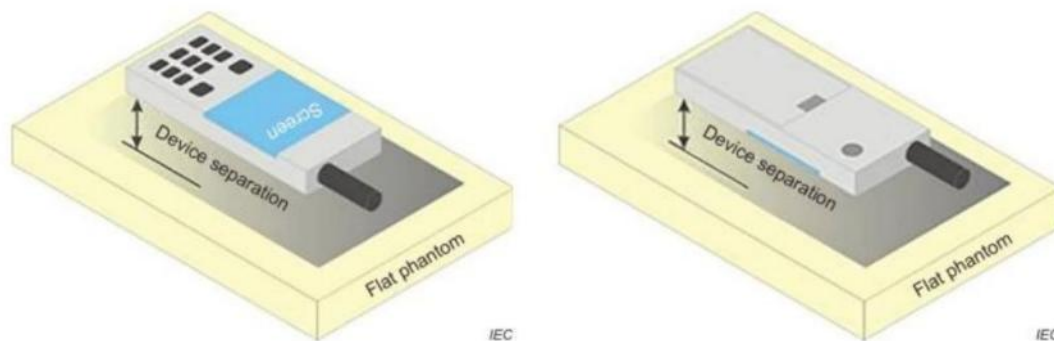
Figure 17 – Tilt position of the DUT on the left side of SAM

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.

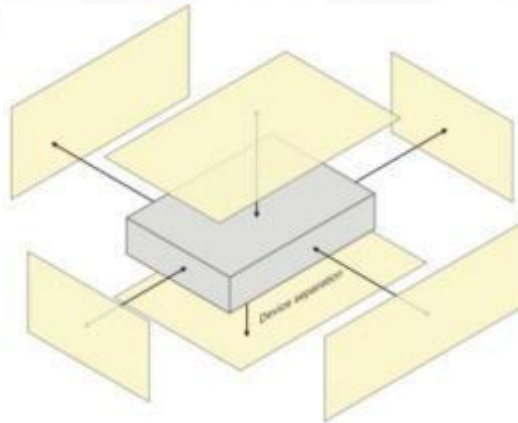
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.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

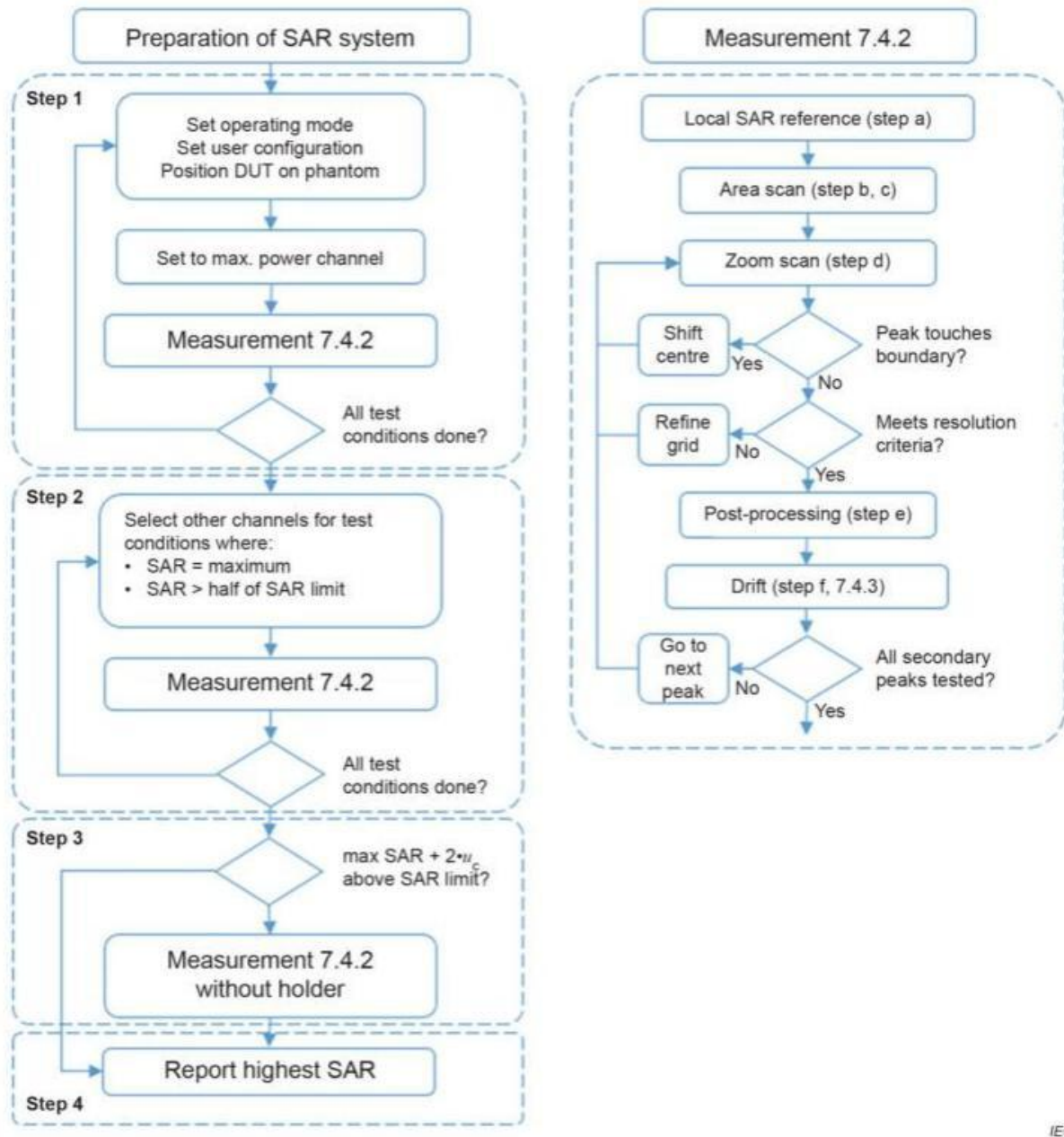
According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed 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 IEC/IEEE 62209-1528: 2020.

Table 3 – Area scan parameters

Parameter	DUT transmit frequency being tested	
	$f \leq 3$ GHz	3 GHz $< f \leq 10$ GHz
Maximum distance between the measured points (geometric centre of the sensors) and the inner phantom surface (z_{M1} in Figure 20 in mm)	5 ± 1	$\delta \ln(2)/2 \pm 0,5^a$
Maximum spacing between adjacent measured points in mm (see O.8.3.1) ^b	20, or half of the corresponding zoom scan length, whichever is smaller	$60/f$, or half of the corresponding zoom scan length, whichever is smaller
Maximum angle between the probe axis and the phantom surface normal (α in Figure 20) ^c	5° (flat phantom only) 30° (other phantoms)	5° (flat phantom only) 20° (other phantoms)
Tolerance in the probe angle	1°	1°
^a δ is the penetration depth for a plane-wave incident normally on a planar half-space.		
^b See Clause O.8 on how Δx and Δy may be selected for individual area scan requirements.		
^c The probe angle relative to the phantom surface normal is restricted due to the degradation in the measurement accuracy in fields with steep spatial gradients. The measurement accuracy decreases with increasing probe angle and increasing frequency. This is the reason for the tighter probe angle restriction at frequencies above 3 GHz.		

Table 4 – Zoom scan parameters

Parameter	DUT transmit frequency being tested	
	$f \leq 3$ GHz	3 GHz $< f \leq 10$ GHz
Maximum distance between the closest measured points and the phantom surface (z_{M1} in Figure 20 and Table 3, in mm)	5	$\delta \ln(2)/2^a$
Maximum angle between the probe axis and the phantom surface normal (α in Figure 20)	5° (flat phantom only) 30° (other phantoms)	5° (flat phantom only) 20° (other phantoms)
Maximum spacing between measured points in the x- and y-directions (Δx and Δy , in mm)	8	$24/f^b$
For uniform grids: Maximum spacing between measured points in the direction normal to the phantom shell (Δz_1 in Figure 20, in mm)	5	$10/(f-1)$
For graded grids: Maximum spacing between the two closest measured points in the direction normal to the phantom shell (Δz_1 in Figure 20, in mm)	4	$12/f$
For graded grids: Maximum incremental increase in the spacing between measured points in the direction normal to the phantom shell ($R_z = \Delta z_2/\Delta z_1$ in Figure 20)	1,5	1,5
Minimum edge length of the zoom scan volume in the x- and y-directions (L_z in O.8.3.2, in mm)	30	22
Minimum edge length of the zoom scan volume in the direction normal to the phantom shell (L_n in O.8.3.2 in mm)	30	22
Tolerance in the probe angle	1°	1°
^a δ is the penetration depth for a plane-wave incident normally on a planar half-space.		
^b This is the maximum spacing allowed, which might not work for all circumstances.		

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 GSM

Mode: GSM850		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH128	CH190	CH251		CH128	CH190	CH251
			824.2MHz	836.6MHz	848.8MHz		824.2MHz	836.6MHz	848.8MHz
GSM		32.00	31.73	31.79	31.78	-9.03	22.70	22.76	22.75
GPRS (GMSK)	1Tx slot	32.00	31.73	31.67	31.66	-9.03	22.70	22.64	22.63
	2Tx slots	31.50	31.29	31.28	31.26	-6.02	25.27	25.26	25.24
	3Tx slots	30.00	29.86	29.85	29.86	-4.26	25.60	25.59	25.60
	4Tx slots	29.00	28.69	28.71	28.71	-3.01	25.68	25.70	25.70
EGPRS (8PSK)	1Tx slot	31.00	30.38	30.57	30.30	-9.03	21.35	21.54	21.27
	2Tx slots	29.50	29.23	29.28	29.17	-6.02	23.21	23.26	23.15
	3Tx slots	27.00	26.99	26.85	26.93	-4.26	22.73	22.59	22.67
	4Tx slots	26.50	25.96	26.02	25.81	-3.01	22.95	23.01	22.80
Mode: GSM1900		Maximum Tune-up(dBm)	Burst Average Power (dBm)			Division Factors	Frame-Average Power (dBm)		
			CH512	CH661	CH810		CH512	CH661	CH810
			1850.2MHz	1880.0MHz	1909.8MHz		1850.2MHz	1880.0MHz	1909.8MHz
GSM		28.50	28.07	28.12	28.06	-9.03	19.04	19.09	19.03
GPRS (GMSK)	1Tx slot	28.50	28.05	28.07	28.01	-9.03	19.02	19.04	18.98
	2Tx slots	27.50	27.39	27.42	27.37	-6.02	21.37	21.40	21.35
	3Tx slots	26.00	25.94	25.98	25.95	-4.26	21.68	21.72	21.69
	4Tx slots	25.50	25.08	25.14	25.10	-3.01	22.07	22.13	22.09
EGPRS (8PSK)	1Tx slot	28.50	28.49	28.44	28.23	-9.03	19.46	19.41	19.20
	2Tx slots	28.50	28.17	28.01	27.81	-6.02	22.15	21.99	21.79
	3Tx slots	27.50	27.08	26.97	26.69	-4.26	22.82	22.71	22.43
	4Tx slots	27.00	26.52	26.10	25.90	-3.01	23.51	23.09	22.89
Note: 1) Division Factors To average the power, the division factor is as follows: 1Tx-slot = 1 transmit time slot out of 8 time slots=> conducted power divided by (8/1) => -9.03dB 2Tx-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB 3Tx-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB 4Tx-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB									

8.2 WCDMA

Mode		Maximum Tune-up(dBm)	WCDMA Band II		
			Conducted Power (dBm)		
			CH9262	CH9400	CH9538
RMC 12.2K		22.00	1852.4	1880.0	1907.6
HSDPA	Subtest-1	20.00	21.89	22.00	21.99
	Subtest-2	20.00	19.60	19.73	19.60
	Subtest-3	20.00	19.58	19.77	19.60
	Subtest-4	20.00	19.60	19.77	19.58
HSUPA	Subtest-1	18.00	19.58	19.75	19.59
	Subtest-2	18.00	17.07	17.70	17.39
	Subtest-3	18.00	17.51	17.15	17.43
	Subtest-4	18.00	17.02	17.68	17.10
	Subtest-5	18.50	17.03	17.67	17.62
RMC 12.2K		22.00	18.14	18.20	18.11
Mode		Maximum Tune-up(dBm)	WCDMA Band IV		
			Conducted Power (dBm)		
			CH1312	CH1413	CH1513
RMC 12.2K		22.00	1712.4	1732.6	1752.6
HSDPA	Subtest-1	19.50	21.60	21.78	21.89
	Subtest-2	19.50	19.30	19.43	19.48
	Subtest-3	19.50	19.35	19.43	19.48
	Subtest-4	19.50	19.34	19.41	19.48
HSUPA	Subtest-1	17.50	19.34	19.43	19.48
	Subtest-2	18.00	17.10	16.89	17.01
	Subtest-3	17.50	17.30	17.46	17.55
	Subtest-4	18.00	16.87	16.91	17.03
	Subtest-5	18.50	17.31	17.21	17.53
RMC 12.2K		23.00	17.80	18.06	18.21
Mode		Maximum Tune-up(dBm)	WCDMA Band V		
			Conducted Power (dBm)		
			CH4132	CH4183	CH4233
RMC 12.2K		23.00	826.4	836.6	846.6
HSDPA	Subtest-1	21.00	22.91	22.90	22.89
	Subtest-2	21.00	20.63	20.55	20.55
	Subtest-3	21.00	20.59	20.54	20.52
	Subtest-4	21.00	20.61	20.54	20.54
HSUPA	Subtest-1	19.00	20.63	20.59	20.55
	Subtest-2	18.50	18.58	18.31	17.97
	Subtest-3	18.50	18.14	18.29	18.35
	Subtest-4	18.50	18.37	17.96	17.91
	Subtest-5	19.50	18.37	17.96	18.44
RMC 12.2K		23.00	18.89	19.08	18.97

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.

8.3 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	22.50	21.83	22.06	22.08
			2	22.50	21.90	22.02	22.12
			5	22.50	21.87	22.03	22.08
		3	0	22.50	21.94	22.11	22.15
			2	22.50	21.96	22.11	22.19
			3	22.50	21.94	22.09	22.18
		6	0	21.50	20.97	21.12	21.14
	16QAM	1	0	21.50	21.11	21.14	21.14
			2	21.50	21.14	21.11	21.16
			5	21.50	21.11	21.14	21.18
		3	0	21.50	20.94	21.29	21.15
			2	21.50	20.98	21.30	21.17
			3	21.50	20.98	21.30	21.15
		6	0	20.50	20.02	20.10	20.04
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18615	18900	19185
					1851.5MHz	1880.0MHz	1908.5MHz
3MHz	QPSK	1	0	22.50	21.94	22.20	22.14
			7	22.50	22.02	22.21	22.14
			14	22.50	22.01	22.15	22.14
		8	0	21.50	21.08	21.19	21.17
			4	21.50	21.08	21.14	21.17
			7	21.50	21.08	21.14	21.17
		15	0	21.50	21.09	21.14	21.17
	16QAM	1	0	22.00	21.25	21.72	21.21
			7	22.00	21.29	21.74	21.25
			14	22.00	21.24	21.67	21.24
		8	0	20.50	20.07	20.38	20.24
			4	20.50	20.07	20.32	20.24
			7	20.50	20.05	20.31	20.23
		15	0	20.50	20.05	20.23	20.26
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18625	18900	19175
					1852.5MHz	1880.0MHz	1907.5MHz
5MHz	QPSK	1	0	22.50	22.18	22.24	22.39
			13	22.50	22.24	22.24	22.44
			24	22.50	22.24	22.24	22.49
		12	0	21.50	21.18	21.32	21.33
			6	21.50	21.18	21.28	21.28
			13	21.50	21.19	21.21	21.25
		25	0	21.50	21.18	21.25	21.28
	16QAM	1	0	22.00	21.28	21.52	21.13
			13	22.00	21.29	21.50	21.15
			24	21.50	21.30	21.48	21.15
		12	0	20.50	20.16	20.33	20.33
			6	20.50	20.15	20.28	20.26
			13	20.50	20.14	20.21	20.24
		25	0	20.50	20.20	20.26	20.33

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	22.50	22.11	22.24	22.25		
			25	22.50	22.23	22.29	22.30		
			49	22.50	22.19	22.22	22.31		
		25	0	21.50	21.15	21.31	21.38		
			13	21.50	21.23	21.29	21.28		
			25	21.50	21.27	21.21	21.25		
		50	0	21.50	21.28	21.31	21.30		
			16QAM	1	0	22.00	21.13	21.41	21.69
					25	22.00	21.23	21.47	21.77
	49	22.00			21.22	21.40	21.73		
	25	0		20.50	20.24	20.34	20.41		
		13		20.50	20.32	20.32	20.32		
		25		20.50	20.33	20.23	20.27		
	50	0	20.50	20.25	20.25	20.29			
	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	21.99	22.14	22.16		
			38	22.50	22.17	22.26	22.27		
			74	22.50	22.07	22.15	22.26		
		36	0	21.50	21.08	21.26	21.19		
			18	21.50	21.16	21.21	21.23		
			39	21.50	21.22	21.16	21.18		
		75	0	21.50	21.22	21.23	21.22		
			16QAM	1	0	22.00	21.41	21.33	21.62
					38	22.00	21.58	21.45	21.73
	74	22.00			21.50	21.33	21.70		
	36	0		20.50	20.08	20.30	20.26		
		18		20.50	20.17	20.26	20.27		
		39		20.50	20.22	20.18	20.17		
	75	0	20.50	20.17	20.23	20.24			
	Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	18700	18900	19100	
1860.0MHz						1880.0MHz	1900.0MHz		
20MHz	QPSK	1	0	22.50	22.01	22.10	22.06		
			50	22.50	22.19	22.31	22.22		
			99	22.50	22.09	22.14	22.15		
		50	0	21.50	21.08	21.37	21.22		
			25	21.50	21.27	21.30	21.25		
			50	21.50	21.29	21.21	21.06		
		100	0	21.50	21.22	21.26	21.16		
			16QAM	1	0	22.00	21.64	21.33	21.36
					50	22.00	21.83	21.52	21.50
	99	22.00			21.73	21.34	21.41		
	50	0		20.50	20.08	20.33	20.17		
		25		20.50	20.24	20.23	20.24		
		50		20.50	20.28	20.21	20.03		
	100	0	20.50	20.20	20.23	20.12			

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	22.50	21.94	22.10	22.11
			2	22.50	21.93	22.16	22.15
			5	22.50	21.96	22.15	22.16
		3	0	22.50	22.03	22.17	22.23
			2	22.50	22.05	22.16	22.24
			3	22.50	22.04	22.14	22.20
	6	0	21.50	21.03	21.15	21.22	
	16QAM	1	0	21.50	21.03	21.18	21.34
			2	21.50	21.02	21.17	21.40
			5	21.50	21.03	21.20	21.36
		3	0	21.50	21.20	21.20	21.20
			2	21.50	21.25	21.15	21.20
			3	21.50	21.26	21.17	21.18
		6	0	20.50	20.17	20.21	20.21
Bandwidth		Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	19965	20175
	1711.5MHz					1732.5MHz	1753.5MHz
3MHz	QPSK	1	0	22.50	21.97	22.10	22.17
			7	22.50	22.05	22.12	22.22
			14	22.50	22.07	22.08	22.21
		8	0	21.50	21.02	21.18	21.16
			4	21.50	21.02	21.11	21.21
			7	21.50	21.03	21.11	21.18
		15	0	21.50	21.02	21.13	21.16
	16QAM	1	0	22.00	21.06	21.33	21.68
			7	22.00	21.13	21.33	21.72
			14	22.00	21.11	21.27	21.70
		8	0	20.50	20.24	20.31	20.35
			4	20.50	20.25	20.25	20.36
			7	20.50	20.25	20.22	20.37
		15	0	20.50	20.23	20.23	20.24
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	19976	20175	20375
					1712.5MHz	1732.5MHz	1752.5MHz
5MHz	QPSK	1	0	22.50	21.82	22.17	21.97
			13	22.50	21.87	22.19	21.96
			24	22.50	21.87	22.16	21.98
		12	0	21.50	20.78	21.14	20.92
			6	21.00	20.82	20.92	20.95
			13	21.00	20.89	20.88	20.95
	25	0	21.00	20.90	20.92	20.98	
	16QAM	1	0	21.50	21.19	21.05	21.26
			13	21.50	21.25	21.03	21.26
			24	21.50	21.23	21.06	21.26
		12	0	20.50	20.05	20.09	19.95
			6	20.50	20.12	20.07	19.99
			13	20.50	20.18	20.01	20.05
		25	0	20.50	20.13	20.12	19.99

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	22.50	21.83	22.03	22.00
			25	22.50	22.01	22.09	22.10
			49	22.50	21.91	22.03	22.08
		25	0	21.50	20.79	21.10	21.00
			13	21.50	20.95	21.06	21.06
			25	21.50	21.04	20.99	21.10
		50	0	21.50	20.98	21.11	21.08
	16QAM	1	0	21.50	21.45	21.03	21.16
			25	22.00	21.55	21.09	21.26
			49	21.50	21.43	21.03	21.23
		25	0	20.50	20.02	20.37	20.03
			13	20.50	20.21	20.32	20.08
			25	20.50	20.29	20.23	20.14
		50	0	20.50	20.15	20.24	20.07
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20025	20175	20325
					1717.5MHz	1732.5MHz	1747.5MHz
15MHz	QPSK	1	0	22.00	21.79	21.96	21.97
			38	22.50	21.96	22.08	22.09
			74	22.50	21.89	21.99	22.06
		36	0	21.50	20.87	21.08	21.00
			18	21.50	20.95	21.04	21.08
			39	21.50	20.99	21.05	21.11
		75	0	21.50	20.95	21.08	21.10
	16QAM	1	0	22.00	21.23	21.15	21.53
			38	22.00	21.41	21.20	21.64
			74	22.00	21.31	21.17	21.58
		36	0	20.50	20.01	20.26	20.04
			18	20.50	20.12	20.20	20.06
			39	20.50	20.13	20.08	20.14
		75	0	20.50	20.10	20.23	20.07
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20050	20175	20300
					1720.0MHz	1732.5MHz	1745.0MHz
20MHz	QPSK	1	0	22.00	21.85	21.94	21.91
			50	22.50	21.99	22.13	22.12
			99	22.50	21.97	22.03	21.97
		50	0	21.50	20.82	21.17	21.10
			25	21.50	21.05	21.14	21.08
			50	21.50	21.00	21.07	21.21
		100	0	21.50	20.94	21.11	21.12
	16QAM	1	0	21.50	21.42	21.14	21.18
			50	22.00	21.60	21.33	21.40
			99	22.00	21.57	21.21	21.22
		50	0	20.50	19.93	20.29	20.04
			25	20.50	20.18	20.24	20.09
			50	20.50	20.16	20.04	20.16
		100	0	20.50	20.10	20.25	20.11

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	23.00	22.84	22.98	22.74	
			2	23.00	22.83	22.98	22.79	
			5	23.50	22.91	23.00	22.80	
		3	0	23.50	23.11	23.11	23.06	
			2	23.50	23.11	23.12	23.06	
			3	23.50	23.11	23.10	23.07	
	16QAM	6	0	22.50	22.07	22.06	22.01	
			0	22.50	22.08	22.12	22.00	
			2	22.50	22.08	22.09	21.99	
		1	5	22.50	22.09	22.14	21.99	
			3	0	22.50	22.20	22.06	22.16
				2	22.50	22.22	22.05	22.22
		3		22.50	22.25	22.06	22.22	
		6	0	21.50	21.08	20.95	20.93	
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20415	20525	20635	
					825.5MHz	836.5MHz	847.5MHz	
3MHz	QPSK	1	0	23.50	22.89	23.09	22.93	
			7	23.50	22.98	23.15	22.91	
			14	23.50	22.97	23.07	22.90	
		8	0	22.50	22.00	21.97	21.99	
			4	22.50	22.06	22.02	21.94	
			7	22.50	22.12	21.99	21.89	
	16QAM	15	0	22.50	22.04	22.02	21.99	
			0	22.50	22.22	22.42	22.06	
			7	22.50	22.28	22.48	22.01	
		1	14	22.50	22.28	22.44	22.03	
			8	0	21.50	20.96	21.23	21.11
				4	21.50	21.03	21.28	21.05
		7		21.50	21.04	21.27	20.99	
		15	0	21.50	21.02	21.12	21.06	

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	23.50	23.07	22.97	23.24
			13	23.50	23.13	23.00	23.26
			24	23.50	23.12	23.04	23.22
		12	0	22.50	22.06	22.13	22.04
			6	22.50	22.10	22.12	21.99
			13	22.50	22.09	22.03	21.84
		25	0	22.50	22.08	22.08	21.94
	16QAM	1	0	22.50	22.14	22.24	21.92
			13	22.50	22.18	22.27	21.92
			24	22.50	22.22	22.26	21.85
		12	0	21.50	21.08	21.15	21.11
			6	21.50	21.10	21.12	21.09
			13	21.50	21.13	21.05	20.90
		25	0	21.50	21.15	21.10	21.02

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	20450	20525	20600
					829.0MHz	836.5MHz	844.0MHz
10MHz	QPSK	1	0	23.50	22.96	23.01	23.09
			25	23.50	23.07	23.06	23.05
			49	23.50	23.04	22.99	23.06
		25	0	22.50	21.99	22.11	22.03
			13	22.50	22.12	22.11	22.11
			25	22.50	22.16	22.01	21.86
		50	0	22.50	22.11	22.08	21.98
			0	23.00	22.02	22.28	22.50
			25	22.50	22.08	22.31	22.46
	16QAM	1	49	22.50	22.08	22.23	22.41
		25	0	21.50	21.09	21.15	21.10
			13	21.50	21.19	21.14	21.12
			25	21.50	21.25	21.03	20.99
		50	0	21.50	21.08	21.10	20.97

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	23.00	22.68	22.80	22.37
			12	23.00	22.73	22.48	22.30
			24	23.00	22.78	22.54	22.31
		12	0	22.00	21.72	21.96	21.91
			6	22.00	21.78	21.93	21.90
			13	22.00	21.80	21.90	21.88
		25	0	22.00	21.84	21.94	21.90
	16QAM	1	0	22.00	21.72	21.54	21.64
			12	22.00	21.74	21.53	21.57
			24	22.00	21.77	21.56	21.54
		12	0	21.00	20.84	20.96	20.93
			6	21.00	20.86	20.91	20.91
			13	21.00	20.85	20.87	20.86
		25	0	21.00	20.92	20.97	20.93
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	22.81	22.37	22.43
			24	23.00	22.62	22.43	22.45
			49	22.50	22.40	22.46	22.42
		25	0	22.50	21.91	22.01	21.91
			12	22.00	21.88	21.95	21.92
			25	22.50	21.99	22.04	21.89
		50	0	22.50	21.98	22.07	21.93
	16QAM	1	0	22.00	21.42	21.60	21.92
			24	22.00	21.45	21.64	21.87
			49	22.00	21.43	21.66	21.77
		25	0	21.50	21.01	21.03	20.98
			12	21.50	21.00	20.98	20.97
			25	21.50	21.08	21.05	20.92
		50	0	21.50	20.98	21.05	20.94

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	23.00	22.71	22.28	22.31
			38	22.50	22.32	22.43	22.42
			74	22.50	22.25	22.39	22.34
		38	0	22.00	21.80	21.95	21.92
			18	22.00	21.88	21.95	21.85
			37	22.00	21.95	21.98	21.86
		75	0	22.50	21.90	22.01	21.92
	16QAM	1	0	22.00	21.66	21.53	21.85
			38	22.00	21.76	21.65	21.89
			74	22.00	21.72	21.65	21.73
		38	0	21.00	20.80	20.99	20.96
			18	21.00	20.86	20.96	20.93
			37	21.00	20.95	20.99	20.86
		75	0	21.00	20.91	20.97	20.91
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	22.62	22.27	22.29
			49	22.50	22.32	22.47	22.38
			99	22.50	22.23	22.39	22.15
		50	0	22.50	21.78	22.03	22.05
			25	22.50	21.92	22.05	21.97
			50	22.50	21.87	22.12	21.95
		100	0	22.50	21.84	22.04	21.99
	16QAM	1	0	22.00	21.90	21.55	21.61
			49	22.00	21.97	21.70	21.65
			99	22.00	21.88	21.61	21.42
		50	0	21.50	20.77	21.04	21.03
			25	21.50	20.88	21.04	20.94
			50	21.50	20.89	21.10	20.91
		100	0	21.50	20.84	21.05	21.00

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	22.80	22.72	22.64
			2	23.00	22.87	22.71	22.62
			5	23.00	22.84	22.71	22.68
		3	0	23.00	22.85	22.77	22.78
			2	23.00	22.90	22.77	22.81
			3	23.00	22.88	22.77	22.80
		6	0	22.00	21.87	21.83	21.84
	16QAM	1	0	22.50	21.85	22.00	21.76
			2	22.50	21.87	22.02	21.75
			5	22.00	21.87	21.99	21.78
		3	0	22.00	21.88	21.79	21.92
			2	22.50	21.89	21.73	22.02
			3	22.00	21.87	21.79	21.98
		6	0	21.00	20.74	20.84	20.78

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23025	23095	23165
					700.5MHz	707.5MHz	714.5MHz
3MHz	QPSK	1	0	23.00	22.87	22.76	22.82
			7	23.00	22.87	22.78	22.83
			14	23.00	22.85	22.71	22.77
		8	0	22.00	21.89	21.80	21.75
			4	22.00	21.87	21.82	21.73
			7	22.00	21.87	21.79	21.74
		15	0	22.00	21.88	21.78	21.75
	16QAM	1	0	22.50	21.94	22.04	22.29
			7	22.50	21.95	22.07	22.26
			14	22.50	21.89	22.00	22.28
		8	0	21.00	20.95	20.76	20.99
			4	21.00	20.92	20.80	20.96
			7	21.00	20.93	20.74	20.95
		15	0	21.00	20.91	20.73	20.86
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
5MHz	QPSK	1	0	23.00	22.94	22.77	22.93
			13	23.00	22.90	22.82	22.95
			24	23.00	22.97	22.83	22.96
		12	0	22.00	21.89	21.81	21.81
			6	22.00	21.88	21.85	21.78
			13	22.00	21.90	21.81	21.70
		25	0	22.00	21.86	21.83	21.77
	16QAM	1	0	22.50	22.01	22.06	21.61
			13	22.50	21.97	22.10	21.61
			24	22.50	22.06	22.06	21.67
		12	0	21.00	20.84	20.85	20.81
			6	21.00	20.84	20.87	20.79
			13	21.00	20.86	20.82	20.68
		25	0	21.00	20.90	20.80	20.79
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	22.86	22.79	22.82
			25	23.00	22.86	22.81	22.80
			49	23.00	22.85	22.76	22.83
		25	0	22.00	21.76	21.89	21.85
			13	22.00	21.87	21.82	21.82
			25	22.00	21.82	21.86	21.74
		50	0	22.00	21.85	21.86	21.85
	16QAM	1	0	22.50	21.90	21.99	22.32
			25	22.50	21.88	22.01	22.25
			49	22.50	21.87	21.96	22.26
		25	0	21.00	20.86	20.88	20.89
			13	21.00	20.92	20.84	20.88
			25	21.00	20.97	20.82	20.80
		50	0	21.00	20.82	20.83	20.84

Band 17

LTE-FDD Band 17				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		23755	23790	23825
					706.5MHz	710MHz	713.5MHz
5MHz	QPSK	1	0	23.50	22.96	22.87	23.05
			13	23.50	22.96	22.86	23.05
			24	23.50	23.02	22.90	23.09
		12	0	22.00	21.92	21.91	21.92
			6	22.00	21.93	21.90	21.90
			13	22.00	21.90	21.91	21.78
	25	0	22.00	21.94	21.90	21.82	
	16QAM	1	0	22.50	22.04	22.16	21.75
			13	22.50	22.03	22.19	21.68
			24	22.50	22.07	22.15	21.77
		12	0	21.00	20.89	20.94	20.92
			6	21.00	20.90	20.90	20.89
			13	21.00	20.86	20.92	20.82
		25	0	21.00	20.96	20.89	20.88
Bandwidth		Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	23780	23790
	709MHz					710MHz	711MHz
10MHz	QPSK	1	0	23.00	22.86	22.86	22.97
			25	23.00	22.95	22.89	22.95
			49	23.00	22.87	22.79	22.89
		25	0	22.00	21.88	21.90	21.91
			13	22.00	21.92	21.88	21.90
			25	22.00	21.90	21.88	21.81
	50	0	22.00	21.95	21.93	21.89	
	16QAM	1	0	22.50	21.91	22.09	22.44
			25	22.50	21.96	22.12	22.41
			49	22.50	21.87	22.04	22.36
		25	0	21.00	20.99	20.94	20.97
			13	21.50	21.02	20.93	20.97
			25	21.50	21.00	20.90	20.88
		50	0	21.00	20.96	20.90	20.88

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	22.50	22.14	22.35	22.26
			2	22.50	22.15	22.40	18.57
			5	22.50	22.16	22.36	17.51
		3	0	22.50	22.29	22.37	18.18
			2	22.50	22.28	22.39	17.60
			3	22.50	22.28	22.39	17.25
	6	0	21.50	21.27	21.36	17.61	
	16QAM	1	0	21.50	21.28	21.41	18.05
			2	21.50	21.29	21.42	21.38
			5	21.50	21.28	21.46	21.43
		3	0	21.50	21.44	21.41	21.40
			2	21.50	21.48	21.39	21.41
			3	21.50	21.49	21.39	21.41
		6	0	20.50	20.26	20.24	18.55

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26055	26365	26675
					1851.5MHz	1882.5MHz	1913.5MHz
3MHz	QPSK	1	0	22.50	22.26	22.25	22.43
			7	22.50	22.28	22.38	22.38
			14	22.50	22.30	22.29	17.66
		8	0	21.50	21.30	21.34	19.43
			4	21.50	21.29	21.35	18.61
			7	21.50	21.30	21.35	17.91
		15	0	21.50	21.32	21.37	18.83
	16QAM	1	0	22.00	21.33	21.51	21.31
			7	22.00	21.37	21.60	21.26
			14	22.00	21.36	21.52	17.25
		8	0	20.50	20.35	20.33	20.45
			4	20.50	20.38	20.32	20.42
			7	20.50	20.34	20.33	20.39
		15	0	20.50	20.35	20.32	20.43
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	26065	26365	26665
					1852.5MHz	1882.5MHz	1912.5MHz
5MHz	QPSK	1	0	23.00	22.37	22.36	22.64
			13	23.00	22.43	22.42	22.66
			24	22.50	22.43	22.42	18.01
		12	0	21.50	21.32	21.44	21.45
			6	21.50	21.33	21.40	21.45
			13	21.50	21.34	21.40	21.28
		25	0	21.50	21.37	21.41	21.38
	16QAM	1	0	22.00	21.46	21.64	21.30
			13	22.00	21.47	21.67	21.37
			24	22.00	21.47	21.65	17.99
		12	0	20.50	20.34	20.45	20.38
			6	20.50	20.33	20.43	20.42
			13	20.50	20.32	20.39	20.29
		25	0	20.50	20.38	20.42	20.42

LTE-FDD Band 25				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		26090	26365	26640
10MHz	QPSK	1	0	22.50	22.28	22.32	22.39
			25	23.00	22.37	22.43	22.52
			49	22.50	22.35	22.35	18.39
		25	0	21.50	21.33	21.45	21.46
			13	21.50	21.42	21.43	21.45
			25	21.50	21.46	21.43	21.35
		50	0	21.50	21.45	21.48	21.48
	16QAM	1	0	22.00	21.31	21.49	21.84
			25	22.00	21.41	21.64	21.93
			49	22.00	21.37	21.54	18.42
		25	0	20.50	20.43	20.46	19.99
			13	21.00	20.51	20.42	20.30
			25	21.00	20.52	20.43	20.44
		50	0	20.50	20.44	20.42	20.46

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	22.11	22.26	22.29
			38	22.50	22.28	22.38	22.43
			74	22.50	22.20	22.31	18.62
		36	0	21.50	21.19	21.39	21.42
			18	21.50	21.30	21.38	21.40
			39	21.50	21.35	21.32	21.41
	16QAM	75	0	21.50	21.33	21.39	21.44
			0	22.00	21.55	21.47	21.75
			38	22.00	21.70	21.58	21.89
		1	74	22.00	21.61	21.51	21.70
			0	20.50	20.21	20.40	20.46
			18	20.50	20.31	20.39	20.41
		36	39	20.50	20.33	20.35	20.45
			75	20.50	20.29	20.38	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	22.14	22.25	22.19
			50	22.50	22.32	22.44	22.39
			99	22.50	22.22	22.35	22.29
		50	0	21.50	21.26	21.48	21.44
			25	21.50	21.37	21.47	21.43
			50	21.50	21.43	21.41	21.46
	16QAM	100	0	21.50	21.34	21.44	21.47
			0	22.00	21.77	21.47	21.46
			50	22.00	21.96	21.66	21.66
		1	99	22.00	21.86	21.54	21.46
			0	20.50	20.25	20.45	20.42
			25	20.50	20.35	20.41	20.41
		50	50	20.50	20.42	20.36	20.41
			100	20.50	20.33	20.40	20.44

Band 41

LTE-TDD Band 41				Maximum Tune-up(dBm)	Conducted Power(dBm)			
Bandwidth	Modulation	RB allocation	RB offset		39675	40620	41565	
					2498.5MHz	2593.0MHz	2687.5MHz	
5MHz	QPSK	1	0	22.50	21.88	21.81	22.20	
			13	22.00	21.90	21.81	21.90	
			24	22.50	21.94	21.84	22.01	
		12	0	21.50	20.79	20.77	21.13	
			6	21.00	20.87	20.72	20.88	
			13	21.50	20.77	20.72	21.14	
		25	0	21.50	20.86	20.73	21.15	
		16QAM	1	0	21.50	20.77	20.97	21.00
				13	21.50	21.14	20.95	20.98
	24			21.50	21.15	20.99	20.89	
	12		0	20.50	19.85	19.71	20.12	
			6	20.00	19.84	19.70	19.90	
			13	20.50	19.73	19.66	20.15	
	25		0	20.00	19.72	19.69	19.89	

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39700	40620	41540
					2501.0MHz	2593.0MHz	2685.0MHz
10MHz	QPSK	1	0	22.00	21.86	21.80	21.99
			25	22.50	21.97	21.93	22.34
			49	22.50	22.00	21.96	22.26
		25	0	21.50	20.90	20.83	21.14
			13	21.50	20.97	20.75	21.15
			25	21.50	20.89	20.75	21.02
		50	0	21.50	20.99	20.88	21.21
	16QAM	1	0	21.50	21.13	20.68	21.16
			25	21.50	20.55	20.72	21.26
			49	21.50	20.85	20.70	21.14
		25	0	20.00	19.77	19.83	19.95
			13	20.50	19.87	19.79	20.09
			25	20.50	19.98	19.73	20.02
		50	0	20.00	19.81	19.75	19.91

LTE-TDD Band 41				Maximum Tune-up(dBm)	Conducted Power(dBm)				
Bandwidth	Modulation	RB allocation	RB offset		39725	40620	41515		
					2503.5MHz	2593.0MHz	2682.5MHz		
15MHz	QPSK	1	0	22.50	21.69	21.87	22.04		
			38	22.50	21.85	21.92	22.19		
			74	22.50	21.91	21.90	22.04		
		36	0	21.50	20.78	20.76	21.06		
			18	21.00	20.81	20.72	20.87		
			39	21.50	20.94	20.73	21.12		
		75	0	21.00	20.82	20.79	20.92		
	16QAM	1	0	21.00	20.65	20.59	20.84		
			38	21.50	20.98	20.70	21.15		
			74	21.50	20.93	20.66	21.18		
		36	0	20.00	19.92	19.75	19.93		
			18	20.00	19.81	19.70	19.91		
			39	20.50	19.81	19.71	20.13		
		75	0	20.00	19.79	19.67	19.94		
		Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	39750	40620	41490
							2506.0MHz	2593.0MHz	2680.0MHz
20MHz	QPSK	1	0	22.00	21.66	21.63	21.96		
			50	22.00	21.86	21.75	22.00		
			99	22.00	21.88	21.73	21.98		
		50	0	21.00	20.89	20.87	20.97		
			25	21.50	20.88	20.82	21.18		
			50	21.50	20.93	20.79	21.15		
		100	0	21.50	20.95	20.77	21.17		
	16QAM	1	0	21.00	20.36	20.82	20.92		
			50	21.50	21.04	20.54	21.06		
			99	21.00	20.93	20.85	20.86		
		50	0	20.50	19.84	19.74	20.07		
			25	20.00	19.94	19.86	19.97		
			50	20.00	19.89	19.66	19.98		
		100	0	20.50	19.91	19.71	20.13		

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	22.50	22.13	22.37	22.39
			2	22.50	22.15	22.36	22.39
			5	22.50	22.16	22.37	22.39
		3	0	23.00	22.26	22.38	22.51
			2	23.00	22.27	22.40	22.52
			3	22.50	22.27	22.37	22.49
		6	0	21.50	21.26	21.38	21.49
	16QAM	1	0	22.00	21.24	21.58	21.49
			2	22.00	21.23	21.58	21.50
			5	22.00	21.25	21.54	21.50
		3	0	22.00	21.41	21.36	21.64
			2	22.00	21.44	21.35	21.68
			3	22.00	21.45	21.35	21.68
		6	0	20.50	20.25	20.37	20.43
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	22.21	22.37	22.56
			7	23.00	22.31	22.41	22.55
			14	23.00	22.27	22.35	22.55
		8	0	22.00	21.24	21.40	21.50
			4	21.50	21.26	21.40	21.46
			7	21.50	21.28	21.39	21.44
		15	0	22.00	21.27	21.40	21.52
	16QAM	1	0	22.50	21.31	21.59	22.05
			7	22.50	21.35	21.64	22.01
			14	22.00	21.32	21.53	21.95
		8	0	21.00	20.29	20.38	20.72
			4	21.00	20.33	20.37	20.68
			7	21.00	20.33	20.36	20.65
		15	0	21.00	20.28	20.35	20.60
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	22.29	22.37	22.66
			13	23.00	22.32	22.37	22.70
			24	23.00	22.33	22.37	22.65
		12	0	21.50	21.19	21.34	21.49
			6	22.00	21.24	21.34	21.50
			13	21.50	21.32	21.32	21.42
		25	0	21.50	21.26	21.35	21.49
	16QAM	1	0	22.00	21.38	21.64	21.39
			13	22.00	21.41	21.63	21.36
			24	22.00	21.40	21.61	21.38
		12	0	20.50	20.19	20.39	20.49
			6	20.50	20.22	20.37	20.49
			13	20.50	20.27	20.36	20.41
		25	0	21.00	20.29	20.33	20.50

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	132022	132322	132622
					1715.0MHz	1745.0MHz	1775.0MHz
10MHz	QPSK	1	0	22.50	22.23	22.29	22.45
			25	23.00	22.31	22.38	22.57
			49	22.50	22.28	22.30	22.49
		25	0	21.50	21.14	21.28	21.43
			13	22.00	21.29	21.34	21.55
			25	22.00	21.37	21.39	21.52
		50	0	22.00	21.30	21.40	21.53
	16QAM	1	0	22.00	21.24	21.47	21.98
			25	22.50	21.30	21.57	22.03
			49	22.00	21.30	21.47	21.93
		25	0	21.00	20.22	20.33	20.51
			13	21.00	20.36	20.38	20.57
			25	21.00	20.43	20.44	20.56
		50	0	20.50	20.28	20.39	20.49

LTE-FDD Band 66				Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation	RB offset		132047	132322	132597
15MHz	QPSK	1	0	22.50	22.08	22.25	22.32
			38	23.00	22.25	22.39	22.54
			74	22.50	22.17	22.27	22.46
		36	0	21.50	21.13	21.30	21.41
			18	22.00	21.26	21.35	21.52
			39	22.00	21.27	21.37	21.54
		75	0	22.00	21.25	21.40	21.52
	16QAM	1	0	22.00	21.50	21.42	21.84
			38	22.50	21.67	21.55	22.07
			74	22.00	21.58	21.44	21.93
		36	0	20.50	20.09	20.33	20.47
			18	21.00	20.23	20.39	20.55
			39	21.00	20.26	20.38	20.57
		75	0	21.00	20.24	20.38	20.51
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	132072	132322	132572
					1720.0MHz	1745.0MHz	1770.0MHz
20MHz	QPSK	1	0	22.50	22.12	22.23	22.19
			50	22.50	22.27	22.41	22.48
			99	22.50	22.19	22.25	22.34
		50	0	22.00	21.06	21.33	21.53
			25	22.00	21.30	21.40	21.61
			50	22.00	21.26	21.46	21.50
		100	0	22.00	21.15	21.41	21.56
	16QAM	1	0	22.00	21.71	21.43	21.49
			50	22.00	21.86	21.63	21.74
			99	22.00	21.80	21.45	21.59
		50	0	21.00	20.01	20.29	20.52
			25	21.00	20.26	20.38	20.50
			50	21.00	20.24	20.41	20.57
		100	0	21.00	20.15	20.37	20.53

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	23.16	23.14	23.00
			13	23.50	23.34	23.20	23.01
			24	23.50	23.38	23.16	23.00
		12	0	22.50	22.05	22.13	22.09
			6	22.50	22.13	22.01	21.94
			13	22.50	22.10	22.03	21.83
		25	0	22.50	22.08	22.11	22.01
			0	22.50	22.28	21.99	22.02
			13	22.50	22.38	22.01	22.06
	16QAM	1	24	22.50	22.35	22.03	22.10
			0	21.50	21.07	21.17	21.16
			6	21.50	21.17	21.00	21.00
		12	13	21.50	21.13	21.05	20.91
			0	21.50	21.14	21.11	20.95
			0	21.50	21.14	21.11	20.95
		25	0	21.50	21.14	21.11	20.95
			0	21.50	21.14	21.11	20.95
			0	21.50	21.14	21.11	20.95
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	22.86	22.92	23.00
			25	23.00	22.98	22.99	22.98
			49	23.50	22.99	22.97	23.02
		25	0	22.50	22.04	22.14	21.96
			13	22.50	22.08	22.04	21.97
			25	22.50	22.25	22.00	21.77
		50	0	22.50	22.16	22.14	21.89
			0	22.50	22.17	21.91	22.13
			25	22.50	22.24	21.93	22.19
	16QAM	1	49	22.50	22.21	21.88	22.14
			0	21.50	21.05	21.17	20.95
			13	21.50	21.08	21.09	20.94
		25	25	21.50	21.23	21.02	20.69
			0	21.50	21.15	21.12	20.85
			0	21.50	21.15	21.12	20.85
		50	0	21.50	21.15	21.12	20.85
			0	21.50	21.15	21.12	20.85
			0	21.50	21.15	21.12	20.85
Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133197	133297	133397
					670.5MHz	680.5MHz	690.5MHz
15MHz	QPSK	1	0	23.00	22.80	22.83	22.91
			38	23.50	22.95	22.95	23.04
			74	23.00	22.94	22.88	22.95
		36	0	22.00	21.90	21.99	21.86
			18	22.00	21.94	21.99	21.95
			39	22.50	21.99	22.00	21.83
		75	0	22.50	21.94	22.04	21.88
			0	22.50	22.17	21.81	21.81
			38	22.50	22.28	21.91	21.91
	16QAM	1	74	22.50	22.18	21.81	21.81
			0	21.00	20.99	20.97	20.97
			18	21.50	21.00	20.96	20.96
		36	39	21.50	21.07	20.99	20.99
			0	21.50	20.95	21.08	21.08
			0	21.50	20.95	21.08	21.08
		75	0	21.50	20.95	21.08	21.08
			0	21.50	20.95	21.08	21.08
			0	21.50	20.95	21.08	21.08

Bandwidth	Modulation	RB allocation	RB offset	Maximum Tune-up(dBm)	133222	133322	133372
					673.0MHz	683.0MHz	688.0MHz
20MHz	QPSK	1	0	23.00	22.66	22.94	22.82
			50	23.50	22.80	23.10	22.88
			99	23.50	22.73	23.03	22.80
		50	0	22.50	21.79	22.17	21.91
			25	22.50	21.99	22.00	21.98
			50	22.50	21.81	22.07	21.79
		100	0	22.50	21.81	22.16	21.83
	16QAM	1	0	22.50	22.02	22.03	22.05
			50	22.50	22.07	22.19	22.15
			99	22.50	21.99	22.06	22.08
		50	0	21.50	20.81	21.12	20.87
			25	21.50	21.02	20.99	20.99
			50	21.50	20.81	21.09	20.80
		100	0	21.50	20.76	21.13	20.83

8.4 NR

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		370500	376000	381500
5MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.00	20.35	20.75	20.76
		Edge_1RB_Right	21.00	20.38	20.84	20.72
		Outer_Full	21.50	20.47	20.83	21.04
		Inner_Full	22.50	21.54	21.87	22.04
		Inner_1RB_Left	22.00	21.35	21.87	21.79
		Inner_1RB_Right	22.00	21.43	21.86	21.73
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.00	19.62	19.90	19.98
		Edge_1RB_Right	20.00	19.73	19.88	19.90
		Outer_Full	20.50	19.70	20.06	20.06
		Inner_Full	21.50	20.60	20.93	21.08
		Inner_1RB_Left	21.50	20.54	20.80	21.12
		Inner_1RB_Right	21.50	20.43	20.79	21.12
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.36	19.84	19.43
		Edge_1RB_Right	20.00	19.35	19.85	19.40
		Outer_Full	20.00	19.18	19.54	19.71
		Inner_Full	20.00	19.00	19.44	19.65
		Inner_1RB_Left	20.00	19.27	19.80	19.38
		Inner_1RB_Right	20.00	19.33	19.76	19.54
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.00	16.79	17.23	17.86
		Edge_1RB_Right	18.00	16.87	17.31	17.83
		Outer_Full	18.00	17.17	17.50	17.68
		Inner_Full	18.00	16.97	17.48	17.60
		Inner_1RB_Left	18.00	16.81	17.25	17.69
		Inner_1RB_Right	18.00	16.88	17.29	17.79
	CP-OFDM QPSK	Edge_1RB_Left	19.50	18.69	18.83	19.06
		Edge_1RB_Right	19.50	18.67	18.94	19.02
		Outer_Full	19.50	18.60	18.92	19.12
		Inner_Full	21.00	19.98	20.24	20.62
		Inner_1RB_Left	20.50	19.95	20.20	20.47
		Inner_1RB_Right	20.50	20.05	20.11	20.34
	CP-OFDM 16 QAM	Edge_1RB_Left	19.50	18.73	19.27	19.07
		Edge_1RB_Right	19.50	18.51	19.11	19.07
		Outer_Full	19.50	18.61	18.99	19.16
		Inner_Full	20.50	19.59	20.01	19.85
		Inner_1RB_Left	20.50	19.66	20.43	19.94
		Inner_1RB_Right	20.50	19.76	20.44	19.85

	CP-OFDM 64 QAM	Edge_1RB_Left	19.00	18.19	18.74	18.25
		Edge_1RB_Right	19.00	18.23	18.84	18.40
		Outer_Full	19.00	18.13	18.44	18.65
		Inner_Full	19.00	18.09	18.46	18.62
		Inner_1RB_Left	19.00	18.21	18.77	18.25
		Inner_1RB_Right	19.00	18.16	18.79	18.13
	CP-OFDM 256 QAM	Edge_1RB_Left	16.00	15.07	15.18	15.81
		Edge_1RB_Right	16.00	15.19	15.31	15.78
		Outer_Full	16.00	15.10	15.40	15.57
		Inner_Full	16.00	14.91	15.36	15.54
		Inner_1RB_Left	16.00	15.06	15.20	15.82
		Inner_1RB_Right	16.00	15.10	15.20	15.70

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	20.86	21.51	21.22
		Edge_1RB_Right	21.50	21.07	21.16	21.18
		Outer_Full	21.50	21.04	21.41	21.42
		Inner_Full	22.50	22.10	22.44	22.46
		Inner_1RB_Left	22.50	22.03	22.20	22.32
		Inner_1RB_Right	22.50	22.11	22.22	22.35
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.08	20.41	20.65
		Edge_1RB_Right	20.50	20.29	20.27	20.45
		Outer_Full	21.00	20.25	20.44	20.50
		Inner_Full	22.00	21.12	21.48	21.52
		Inner_1RB_Left	22.00	20.98	21.39	21.64
		Inner_1RB_Right	22.00	21.08	21.15	21.54
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.53	19.95	19.90
		Edge_1RB_Right	20.00	19.80	19.87	19.79
		Outer_Full	20.50	19.76	20.02	20.16
		Inner_Full	20.50	19.74	19.89	20.06
		Inner_1RB_Left	20.00	19.65	19.81	19.88
		Inner_1RB_Right	20.00	19.58	19.83	19.87
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.66	17.99	18.33
		Edge_1RB_Right	18.50	17.77	17.88	18.17
		Outer_Full	18.50	17.70	17.96	18.06
		Inner_Full	18.50	17.71	17.97	18.06
		Inner_1RB_Left	18.50	17.76	17.86	18.31
		Inner_1RB_Right	18.50	17.78	17.98	18.13
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.17	19.32	20.16
		Edge_1RB_Right	20.00	19.63	19.38	19.96
		Outer_Full	20.00	19.22	19.38	19.56
		Inner_Full	21.00	20.55	20.77	21.00
		Inner_1RB_Left	21.00	20.91	20.59	20.86
		Inner_1RB_Right	21.00	20.76	20.64	20.95
	CP-OFDM 16 QAM	Edge_1RB_Left	19.50	18.89	19.22	19.17
		Edge_1RB_Right	19.50	19.15	19.29	19.20
		Outer_Full	20.00	19.24	19.40	19.60
		Inner_Full	20.50	20.16	20.44	20.44
		Inner_1RB_Left	20.50	19.87	20.22	20.33
		Inner_1RB_Right	20.50	19.96	20.29	20.29
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.55	19.09	18.93
		Edge_1RB_Right	19.50	18.74	18.90	19.07
		Outer_Full	19.00	18.66	18.88	19.00
		Inner_Full	19.50	18.77	18.94	19.06
		Inner_1RB_Left	19.00	18.56	18.95	18.91
		Inner_1RB_Right	19.50	18.78	19.01	18.99
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	15.83	15.63	16.38
		Edge_1RB_Right	16.50	16.06	15.49	16.38

		Outer_Full	16.00	15.70	15.89	15.96
		Inner_Full	16.50	15.69	15.87	16.02
		Inner_1RB_Left	16.50	15.94	15.55	16.42
		Inner_1RB_Right	16.50	16.02	15.69	16.45

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	23.00	21.00	21.56	22.94
		Edge_1RB_Right	23.00	21.53	21.55	22.63
		Outer_Full	22.50	21.36	21.71	22.13
		Inner_Full	23.00	22.42	22.68	22.20
		Inner_1RB_Left	23.50	22.28	22.60	23.36
		Inner_1RB_Right	23.00	22.14	22.58	22.95
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.44	20.67	21.67
		Edge_1RB_Right	21.50	20.63	20.74	21.42
		Outer_Full	21.00	20.56	20.84	20.55
		Inner_Full	22.00	21.41	21.74	20.82
		Inner_1RB_Left	22.00	21.23	21.53	21.98
		Inner_1RB_Right	22.00	21.54	21.55	21.60
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	19.32	20.23	21.09
		Edge_1RB_Right	21.00	19.72	20.34	20.65
		Outer_Full	20.50	20.11	20.35	19.71
		Inner_Full	20.50	20.03	20.41	19.56
		Inner_1RB_Left	21.00	19.48	20.30	20.51
		Inner_1RB_Right	20.50	19.62	20.33	20.40
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.18	18.17	18.90
		Edge_1RB_Right	19.00	18.40	18.33	18.83
		Outer_Full	18.50	18.06	18.30	17.92
		Inner_Full	18.50	18.08	18.35	17.80
		Inner_1RB_Left	19.00	18.10	18.16	18.66
		Inner_1RB_Right	19.00	18.37	18.35	18.72
	CP-OFDM QPSK	Edge_1RB_Left	21.00	19.14	19.87	20.55
		Edge_1RB_Right	20.50	19.67	19.81	20.33
		Outer_Full	20.00	19.56	19.85	19.70
		Inner_Full	21.50	20.87	21.15	20.22
		Inner_1RB_Left	21.50	20.81	21.25	21.37
		Inner_1RB_Right	21.50	20.78	21.14	20.80
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	19.38	19.62	20.27
		Edge_1RB_Right	20.00	19.69	19.75	19.96
		Outer_Full	20.00	19.52	19.78	19.19
		Inner_Full	21.00	20.49	20.87	19.45
		Inner_1RB_Left	21.00	20.64	20.55	20.55
		Inner_1RB_Right	21.00	20.69	20.61	20.10
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.82	19.38	19.47
		Edge_1RB_Right	19.50	19.03	19.38	19.13
		Outer_Full	19.50	19.13	19.34	18.45
		Inner_Full	19.50	18.99	19.33	19.48
		Inner_1RB_Left	21.00	18.85	19.05	20.55
		Inner_1RB_Right	20.50	18.96	19.11	20.14
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	15.69	17.28	16.93
		Edge_1RB_Right	17.50	15.97	16.67	17.04
		Outer_Full	16.50	16.09	16.32	15.92
		Inner_Full	16.00	15.96	15.88	15.79
		Inner_1RB_Left	17.50	15.57	17.06	16.81
		Inner_1RB_Right	17.00	15.93	16.57	16.78

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	23.00	22.60	22.63	22.28
		Edge_1RB_Right	23.00	21.93	22.77	21.78
		Outer_Full	22.00	21.78	21.89	21.40
		Inner_Full	22.00	21.66	21.82	21.65
		Inner_1RB_Left	23.00	22.86	22.83	22.53
		Inner_1RB_Right	23.50	22.21	23.20	21.98
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.40	21.71	21.22
		Edge_1RB_Right	22.00	20.71	21.64	20.48
		Outer_Full	21.00	20.15	20.54	20.12
		Inner_Full	21.00	20.37	20.67	20.19
		Inner_1RB_Left	22.00	21.68	21.86	21.42
		Inner_1RB_Right	22.50	21.16	22.02	20.80
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.48	20.72	20.36
		Edge_1RB_Right	21.00	19.65	20.70	20.07
		Outer_Full	20.00	19.19	19.78	19.07
		Inner_Full	19.50	18.93	19.39	18.85
		Inner_1RB_Left	21.00	20.24	20.65	20.23
		Inner_1RB_Right	21.00	19.68	20.82	19.72
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	18.71	19.14	18.34
		Edge_1RB_Right	19.00	17.92	18.93	17.99
		Outer_Full	18.50	17.53	18.16	17.37
		Inner_Full	18.00	17.31	17.82	17.15
		Inner_1RB_Left	19.50	18.58	19.04	18.19
		Inner_1RB_Right	19.00	18.03	18.95	17.90
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.48	20.58	20.10
		Edge_1RB_Right	21.00	19.82	20.62	19.67
		Outer_Full	20.00	19.29	19.75	19.20
		Inner_Full	20.50	19.89	20.03	19.75
		Inner_1RB_Left	21.50	21.20	21.20	20.71
		Inner_1RB_Right	21.50	20.39	21.32	20.02
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	20.07	20.20	19.88
		Edge_1RB_Right	20.50	19.37	20.38	19.44
		Outer_Full	19.50	18.80	19.39	18.71
		Inner_Full	19.50	19.01	19.42	18.94
		Inner_1RB_Left	21.00	20.28	20.75	20.27
		Inner_1RB_Right	21.00	19.60	20.85	19.70
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.67	19.62	18.98
		Edge_1RB_Right	19.50	19.02	19.45	18.65
		Outer_Full	19.00	18.15	18.62	18.02
		Inner_Full	19.50	19.04	19.41	18.94
		Inner_1RB_Left	21.00	20.58	20.53	20.06
		Inner_1RB_Right	21.00	20.01	20.65	19.57
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.80	17.42	16.30
		Edge_1RB_Right	17.50	16.13	17.16	16.15
		Outer_Full	16.50	15.56	16.20	15.40
		Inner_Full	16.00	15.35	15.86	15.09
		Inner_1RB_Left	17.50	16.68	17.23	16.18
		Inner_1RB_Right	17.50	16.13	17.02	15.89

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	21.50	21.13	21.33	21.40
		Edge_1RB_Right	22.00	21.57	21.43	21.47
		Outer_Full	22.00	21.51	21.61	21.60
		Inner_Full	23.00	22.61	22.69	22.81
		Inner_1RB_Left	23.00	22.20	22.26	22.53
		Inner_1RB_Right	23.00	22.15	22.45	22.52
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	19.95	20.22	19.58
		Edge_1RB_Right	20.50	20.39	20.01	19.75
		Outer_Full	21.00	20.72	20.73	20.78
		Inner_Full	22.00	21.66	21.76	21.85
		Inner_1RB_Left	21.00	20.78	20.73	20.49
		Inner_1RB_Right	21.50	21.29	20.94	20.61
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.18	19.54	19.61
		Edge_1RB_Right	20.00	19.72	19.70	19.71
		Outer_Full	20.50	20.20	20.26	20.31
		Inner_Full	20.50	20.24	20.35	20.31
		Inner_1RB_Left	20.00	19.19	19.58	19.76
		Inner_1RB_Right	20.00	19.76	19.74	19.66
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.83	18.01	18.32
		Edge_1RB_Right	18.50	18.32	18.18	18.14
		Outer_Full	18.50	18.18	18.25	18.28
		Inner_Full	18.50	18.19	18.33	18.39
		Inner_1RB_Left	18.50	17.87	17.92	18.18
		Inner_1RB_Right	18.50	18.27	18.17	18.26
	CP-OFDM QPSK	Edge_1RB_Left	20.00	18.88	19.44	19.55
		Edge_1RB_Right	20.00	19.24	19.46	19.58
		Outer_Full	20.00	19.68	19.70	19.68
		Inner_Full	21.50	21.10	21.18	21.28
		Inner_1RB_Left	21.00	20.39	20.75	20.98
		Inner_1RB_Right	21.00	20.77	20.84	20.95
	CP-OFDM 16 QAM	Edge_1RB_Left	19.50	18.88	19.20	19.14
		Edge_1RB_Right	19.50	19.18	19.09	19.05
		Outer_Full	20.00	19.74	19.67	19.71
		Inner_Full	21.00	20.70	20.87	20.87
		Inner_1RB_Left	20.50	19.82	20.13	20.13
		Inner_1RB_Right	20.50	20.14	20.30	20.19
	CP-OFDM 64 QAM	Edge_1RB_Left	19.00	18.20	18.51	18.76
		Edge_1RB_Right	19.00	18.74	19.00	18.94
		Outer_Full	19.50	19.20	19.21	19.15
		Inner_Full	19.50	19.21	19.27	19.32
		Inner_1RB_Left	19.00	18.24	18.60	18.78
		Inner_1RB_Right	19.00	18.73	18.87	18.84
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	15.83	15.89	16.06
		Edge_1RB_Right	16.50	16.30	16.02	16.04
		Outer_Full	16.50	16.14	16.14	16.13
		Inner_Full	16.50	16.17	16.29	16.28
		Inner_1RB_Left	16.50	15.85	15.95	16.03
		Inner_1RB_Right	16.50	16.34	16.06	16.18

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		373000	376000	379000
				1865.0MHz	1880MHz	1895.0MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.50	21.00	21.19	20.96
		Edge_1RB_Right	21.50	21.49	21.42	20.92
		Outer_Full	22.00	21.50	21.59	21.67
		Inner_Full	23.00	22.61	22.73	22.82
		Inner_1RB_Left	22.50	22.01	22.14	21.99
		Inner_1RB_Right	22.50	22.30	22.34	21.92
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.00	19.58	19.76	19.61
		Edge_1RB_Right	20.50	20.16	19.97	19.49
		Outer_Full	21.00	20.66	20.76	20.78
		Inner_Full	22.00	21.67	21.75	21.80
		Inner_1RB_Left	21.00	20.46	20.66	20.42
		Inner_1RB_Right	21.50	21.02	20.86	20.39
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	19.50	19.26	19.44	19.18
		Edge_1RB_Right	20.00	19.86	19.82	19.17
		Outer_Full	20.50	20.18	20.31	20.33
		Inner_Full	20.50	20.22	20.38	20.37
		Inner_1RB_Left	20.00	19.25	19.60	19.18
		Inner_1RB_Right	20.00	19.72	19.70	19.20
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.81	18.02	18.13
		Edge_1RB_Right	18.50	18.30	18.08	18.21
		Outer_Full	18.50	18.14	18.22	18.23
		Inner_Full	18.50	18.22	18.35	18.32
		Inner_1RB_Left	18.00	17.54	17.75	18.00
		Inner_1RB_Right	18.50	18.12	18.10	18.21
	CP-OFDM QPSK	Edge_1RB_Left	19.50	19.08	19.30	19.31
		Edge_1RB_Right	20.00	19.59	19.54	19.54
		Outer_Full	20.00	19.60	19.72	19.74
		Inner_Full	21.50	21.07	21.17	21.23
		Inner_1RB_Left	21.00	20.47	20.66	20.72
		Inner_1RB_Right	21.00	20.90	20.83	20.54
	CP-OFDM 16 QAM	Edge_1RB_Left	19.00	18.65	18.66	18.67
		Edge_1RB_Right	19.50	19.24	19.15	18.74
		Outer_Full	20.00	19.61	19.77	19.80
		Inner_Full	21.00	20.73	20.87	20.92
		Inner_1RB_Left	20.00	19.75	19.78	19.61
		Inner_1RB_Right	20.50	20.31	20.11	19.52
	CP-OFDM 64 QAM	Edge_1RB_Left	18.50	18.32	18.10	18.18
		Edge_1RB_Right	19.00	18.78	18.62	18.31
		Outer_Full	19.50	19.14	19.32	19.34
		Inner_Full	19.50	19.17	19.36	19.31
		Inner_1RB_Left	19.00	18.30	18.57	18.26
		Inner_1RB_Right	19.00	18.81	18.43	18.20
	CP-OFDM 256 QAM	Edge_1RB_Left	16.00	15.62	15.75	15.99
		Edge_1RB_Right	16.50	16.18	16.13	16.11
		Outer_Full	16.50	16.05	16.25	16.25
		Inner_Full	16.50	16.18	16.32	16.34
		Inner_1RB_Left	16.50	15.69	15.82	16.03
		Inner_1RB_Right	16.50	16.06	16.15	16.10

15K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		373500	376000	378500
				1867.5MHz	1880MHz	1892.5MHz
35MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.50	20.74	20.98	21.19
		Edge_1RB_Right	21.50	20.83	21.33	21.25
		Outer_Full	22.00	21.45	21.55	21.66
		Inner_Full	23.00	22.71	22.73	22.78
		Inner_1RB_Left	22.50	21.41	22.00	22.18
		Inner_1RB_Right	22.50	21.92	22.20	22.19
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.00	18.99	19.58	19.88
		Edge_1RB_Right	20.50	19.48	19.87	20.08
		Outer_Full	21.00	20.59	20.68	20.77
		Inner_Full	22.00	21.73	21.78	21.79
		Inner_1RB_Left	21.00	19.85	20.43	20.67
		Inner_1RB_Right	21.00	20.37	20.74	20.82
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	19.50	18.64	19.41	19.47
		Edge_1RB_Right	20.00	19.32	19.58	19.59
		Outer_Full	20.50	20.10	20.22	20.32
		Inner_Full	20.50	20.28	20.36	20.37
		Inner_1RB_Left	20.00	18.68	19.29	19.51
		Inner_1RB_Right	20.00	19.33	19.54	19.54
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.73	17.67	18.06
		Edge_1RB_Right	18.50	18.19	18.10	18.07
		Outer_Full	18.50	18.06	18.22	18.26
		Inner_Full	18.50	18.24	18.30	18.34
		Inner_1RB_Left	18.00	17.59	17.78	17.81
		Inner_1RB_Right	18.50	18.05	17.98	18.07
	CP-OFDM QPSK	Edge_1RB_Left	19.50	19.00	19.05	19.26
		Edge_1RB_Right	19.50	19.39	19.32	19.33
		Outer_Full	20.00	19.55	19.67	19.71
		Inner_Full	21.50	21.15	21.20	21.25
		Inner_1RB_Left	21.00	20.33	20.46	20.67
		Inner_1RB_Right	21.00	20.84	20.77	20.78
	CP-OFDM 16 QAM	Edge_1RB_Left	19.00	18.50	18.57	18.93
		Edge_1RB_Right	19.50	18.98	19.04	18.86
		Outer_Full	20.00	19.55	19.66	19.74
		Inner_Full	21.00	20.74	20.80	20.79
		Inner_1RB_Left	20.50	19.58	19.69	20.14
		Inner_1RB_Right	20.50	20.15	20.14	20.00
	CP-OFDM 64 QAM	Edge_1RB_Left	18.50	18.16	18.27	18.48
		Edge_1RB_Right	19.00	18.66	18.54	18.50
		Outer_Full	19.50	19.02	19.24	19.17
		Inner_Full	19.50	19.25	19.33	19.30
		Inner_1RB_Left	18.50	18.24	18.26	18.49
		Inner_1RB_Right	19.00	18.85	18.66	18.69
	CP-OFDM 256 QAM	Edge_1RB_Left	16.00	15.48	15.56	15.84
		Edge_1RB_Right	16.00	15.99	15.96	15.78
		Outer_Full	16.50	15.99	16.18	16.23
		Inner_Full	16.50	16.20	16.28	16.26
		Inner_1RB_Left	16.00	15.40	15.63	15.94
		Inner_1RB_Right	16.50	16.03	15.92	15.90

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	21.50	20.74	20.86	21.02
		Edge_1RB_Right	21.50	21.18	21.18	21.10
		Outer_Full	22.00	21.34	21.54	21.61
		Inner_Full	23.00	22.62	22.72	22.77
		Inner_1RB_Left	22.50	21.76	21.81	22.01
		Inner_1RB_Right	22.50	22.20	22.08	22.12
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.00	19.34	19.55	19.70
		Edge_1RB_Right	20.00	19.78	19.93	20.00
		Outer_Full	21.00	20.45	20.58	20.75
		Inner_Full	22.00	21.69	21.71	21.79
		Inner_1RB_Left	21.00	20.23	20.26	20.56
		Inner_1RB_Right	21.00	20.67	20.67	20.57
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	19.50	19.02	19.15	19.25
		Edge_1RB_Right	19.50	19.47	19.36	19.37
		Outer_Full	20.50	19.95	20.15	20.28
		Inner_Full	20.50	20.27	20.36	20.34
		Inner_1RB_Left	19.50	19.02	19.03	19.45
		Inner_1RB_Right	19.50	19.44	19.40	19.42
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.00	17.42	17.60	17.76
		Edge_1RB_Right	18.00	17.92	17.96	17.83
		Outer_Full	18.50	17.92	18.13	18.26
		Inner_Full	18.50	18.26	18.33	18.34
		Inner_1RB_Left	18.00	17.44	17.47	17.81
		Inner_1RB_Right	18.00	17.88	17.70	17.81
	CP-OFDM QPSK	Edge_1RB_Left	19.50	18.83	18.86	19.05
		Edge_1RB_Right	19.50	19.28	19.21	19.25
		Outer_Full	20.00	19.46	19.58	19.67
		Inner_Full	21.50	21.11	21.18	21.19
		Inner_1RB_Left	20.50	20.25	20.31	20.47
		Inner_1RB_Right	21.00	20.61	20.66	20.64
	CP-OFDM 16 QAM	Edge_1RB_Left	19.50	18.36	18.45	19.08
		Edge_1RB_Right	19.00	18.86	18.86	18.74
		Outer_Full	20.00	19.45	19.59	19.74
		Inner_Full	21.00	20.74	20.82	20.85
		Inner_1RB_Left	20.00	19.54	19.46	19.92
		Inner_1RB_Right	20.00	19.85	19.97	19.77
	CP-OFDM 64 QAM	Edge_1RB_Left	18.50	18.04	18.14	18.27
		Edge_1RB_Right	19.00	18.58	18.45	18.45
		Outer_Full	19.50	18.93	19.10	19.21
		Inner_Full	19.50	19.20	19.30	19.32
		Inner_1RB_Left	19.00	18.10	18.09	18.56
		Inner_1RB_Right	19.00	18.50	18.42	18.47
	CP-OFDM 256 QAM	Edge_1RB_Left	16.00	15.25	15.37	15.68
		Edge_1RB_Right	16.00	15.65	15.74	15.83
		Outer_Full	16.50	15.89	16.10	16.21
		Inner_Full	16.50	16.21	16.31	16.25
		Inner_1RB_Left	16.00	15.19	15.36	15.72
		Inner_1RB_Right	16.00	15.72	15.55	15.64

30K_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	21.36	21.73	21.75
		Edge_1RB_Right	22.00	21.45	21.69	21.79
		Outer_Full	22.00	21.41	21.71	21.78
		Inner_Full	23.00	22.55	22.77	22.89
		Inner_1RB_Left	23.00	22.35	22.62	22.67
		Inner_1RB_Right	23.00	22.42	22.61	22.67
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.40	20.63	20.63
		Edge_1RB_Right	21.00	20.49	20.70	20.75
		Outer_Full	21.00	20.59	20.88	20.86
		Inner_Full	22.00	21.47	21.89	21.75
		Inner_1RB_Left	21.50	21.31	21.48	21.43
		Inner_1RB_Right	22.00	21.21	21.53	21.66
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	19.82	20.06	20.14
		Edge_1RB_Right	20.50	19.80	20.12	20.27
		Outer_Full	20.50	20.15	20.37	20.46
		Inner_Full	21.00	20.12	20.36	20.51
		Inner_1RB_Left	20.50	19.67	20.17	20.25
		Inner_1RB_Right	20.50	19.71	20.08	20.23
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	17.87	18.39	18.50
		Edge_1RB_Right	19.00	18.34	18.56	18.43
		Outer_Full	19.00	18.13	18.40	18.54
		Inner_Full	19.00	18.12	18.54	18.48
		Inner_1RB_Left	18.50	18.08	18.45	18.47
		Inner_1RB_Right	19.00	18.32	18.56	18.62
	CP-OFDM QPSK	Edge_1RB_Left	20.50	19.45	19.85	20.12
		Edge_1RB_Right	20.00	19.68	19.68	19.90
		Outer_Full	20.00	19.56	19.80	19.93
		Inner_Full	21.50	20.84	21.13	21.22
		Inner_1RB_Left	21.50	20.97	21.08	21.17
		Inner_1RB_Right	21.50	20.83	21.05	21.21
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.47	19.73	19.70
		Edge_1RB_Right	20.00	19.52	19.62	19.74
		Outer_Full	20.50	19.64	19.78	20.08
		Inner_Full	21.00	20.49	20.93	20.69
		Inner_1RB_Left	21.00	20.37	20.60	20.43
		Inner_1RB_Right	21.00	20.45	20.63	20.52
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.91	19.27	19.29
		Edge_1RB_Right	19.50	18.89	19.13	19.35
		Outer_Full	19.50	19.11	19.37	19.39
		Inner_Full	19.50	19.07	19.37	19.43
		Inner_1RB_Left	19.50	18.90	19.12	19.24
		Inner_1RB_Right	19.50	18.90	19.26	19.35
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	15.98	16.40	16.53
		Edge_1RB_Right	16.50	16.03	16.29	16.39
		Outer_Full	16.50	16.11	16.30	16.36
		Inner_Full	16.50	16.15	16.40	16.33
		Inner_1RB_Left	16.50	15.97	16.38	16.47
		Inner_1RB_Right	17.00	16.20	16.30	16.51

30K_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	21.30	21.56	21.59
		Edge_1RB_Right	22.00	21.51	21.63	21.68
		Outer_Full	22.00	21.55	21.75	21.74
		Inner_Full	23.00	22.53	22.72	22.89
		Inner_1RB_Left	23.00	22.28	22.59	22.60
		Inner_1RB_Right	23.00	22.52	22.66	22.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.32	20.63	20.42
		Edge_1RB_Right	21.00	20.55	20.82	20.67
		Outer_Full	21.00	20.69	20.83	20.86
		Inner_Full	22.00	21.55	21.74	21.84
		Inner_1RB_Left	21.50	21.17	21.34	21.42
		Inner_1RB_Right	22.00	21.32	21.51	21.47
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	19.69	19.99	20.10
		Edge_1RB_Right	20.50	19.92	20.19	20.18
		Outer_Full	21.00	20.17	20.41	20.52
		Inner_Full	21.00	20.07	20.38	20.55
		Inner_1RB_Left	20.50	19.69	19.96	20.11
		Inner_1RB_Right	20.50	19.95	20.22	20.08
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.20	18.28	18.55
		Edge_1RB_Right	19.00	18.43	18.26	18.57
		Outer_Full	18.50	18.10	18.36	18.32
		Inner_Full	18.50	18.14	18.32	18.47
		Inner_1RB_Left	19.00	17.96	18.37	18.60
		Inner_1RB_Right	19.00	18.46	18.56	18.46
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.37	19.85	19.71
		Edge_1RB_Right	20.00	19.62	19.77	19.85
		Outer_Full	20.00	19.58	19.81	19.85
		Inner_Full	21.50	20.94	21.16	21.27
		Inner_1RB_Left	21.50	20.75	21.30	21.45
		Inner_1RB_Right	21.50	21.16	21.16	21.34
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.29	19.60	19.63
		Edge_1RB_Right	20.00	19.61	19.85	19.82
		Outer_Full	20.00	19.57	19.76	19.87
		Inner_Full	21.00	20.57	20.89	20.94
		Inner_1RB_Left	21.00	20.41	20.63	20.42
		Inner_1RB_Right	21.00	20.53	20.84	20.54
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.95	19.01	19.15
		Edge_1RB_Right	19.50	18.98	19.11	19.26
		Outer_Full	19.50	19.12	19.30	19.39
		Inner_Full	19.50	19.10	19.34	19.43
		Inner_1RB_Left	19.50	18.91	18.95	19.13
		Inner_1RB_Right	19.50	18.91	19.05	19.22
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	16.04	16.30	16.26
		Edge_1RB_Right	16.50	16.20	16.41	16.32
		Outer_Full	16.50	16.05	16.27	16.35
		Inner_Full	16.50	16.04	16.24	16.36
		Inner_1RB_Left	16.50	15.91	16.24	16.32
		Inner_1RB_Right	16.50	16.19	16.42	16.30

30K_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	21.33	21.51	21.64
		Edge_1RB_Right	22.00	21.61	21.58	21.75
		Outer_Full	22.00	21.54	21.69	21.69
		Inner_Full	23.00	22.58	22.79	22.91
		Inner_1RB_Left	23.00	22.33	22.45	22.62
		Inner_1RB_Right	23.00	22.52	22.64	22.74
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.30	20.60	20.79
		Edge_1RB_Right	21.00	20.69	20.76	20.67
		Outer_Full	21.00	20.77	20.81	20.78
		Inner_Full	22.00	21.63	21.79	21.93
		Inner_1RB_Left	21.50	21.27	21.31	21.44
		Inner_1RB_Right	22.00	21.37	21.61	21.53
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	19.64	19.85	20.09
		Edge_1RB_Right	20.50	19.99	20.05	20.09
		Outer_Full	20.50	20.24	20.37	20.40
		Inner_Full	21.00	20.23	20.49	20.57
		Inner_1RB_Left	20.50	19.63	19.85	20.17
		Inner_1RB_Right	20.50	20.01	20.12	20.12
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.01	18.32	18.38
		Edge_1RB_Right	18.50	18.46	18.35	18.44
		Outer_Full	18.50	18.16	18.37	18.39
		Inner_Full	18.50	18.08	18.39	18.46
		Inner_1RB_Left	18.50	18.19	18.35	18.36
		Inner_1RB_Right	19.00	18.44	18.52	18.43
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.39	19.85	19.78
		Edge_1RB_Right	20.00	19.68	19.69	19.89
		Outer_Full	20.00	19.67	19.81	19.80
		Inner_Full	21.50	21.01	21.15	21.35
		Inner_1RB_Left	21.50	20.80	21.19	21.28
		Inner_1RB_Right	21.50	21.47	21.17	21.33
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.49	19.71	19.87
		Edge_1RB_Right	20.00	19.65	19.84	19.83
		Outer_Full	20.00	19.70	19.76	19.80
		Inner_Full	21.50	20.74	21.04	20.96
		Inner_1RB_Left	21.00	20.45	20.58	20.69
		Inner_1RB_Right	21.00	20.59	20.66	20.61
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.77	18.97	19.18
		Edge_1RB_Right	19.50	19.20	19.17	19.20
		Outer_Full	19.50	19.21	19.34	19.25
		Inner_Full	19.50	19.18	19.45	19.48
		Inner_1RB_Left	19.50	18.74	18.83	19.08
		Inner_1RB_Right	19.50	19.22	19.00	19.15
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	15.84	16.22	16.18
		Edge_1RB_Right	16.50	16.41	16.30	16.35
		Outer_Full	16.50	16.15	16.34	16.28
		Inner_Full	16.50	16.09	16.31	16.41
		Inner_1RB_Left	16.50	16.04	16.45	16.34
		Inner_1RB_Right	16.50	16.36	16.29	16.45

30K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		372500	376000	381500
				1862.5MHz	1880MHz	1907.5MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.28	21.47	21.51
		Edge_1RB_Right	22.00	21.69	21.57	21.54
		Outer_Full	22.00	21.63	21.78	21.70
		Inner_Full	23.00	22.72	22.84	22.90
		Inner_1RB_Left	22.50	22.30	22.47	22.45
		Inner_1RB_Right	23.00	22.19	22.62	22.60
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	19.90	20.40	20.54
		Edge_1RB_Right	21.00	20.17	20.58	20.61
		Outer_Full	21.00	20.77	20.85	20.85
		Inner_Full	22.00	21.78	21.88	21.83
		Inner_1RB_Left	22.00	20.60	21.18	21.57
		Inner_1RB_Right	22.00	21.04	21.60	21.55
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.45	19.88	19.98
		Edge_1RB_Right	20.50	19.86	20.08	20.06
		Outer_Full	20.50	20.25	20.40	20.35
		Inner_Full	20.50	20.29	20.47	20.45
		Inner_1RB_Left	20.50	19.57	19.92	20.10
		Inner_1RB_Right	20.50	20.07	20.10	20.09
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	18.14	18.19	18.28
		Edge_1RB_Right	18.50	18.31	18.46	18.35
		Outer_Full	18.50	18.26	18.42	18.37
		Inner_Full	18.50	18.32	18.48	18.47
		Inner_1RB_Left	18.50	18.15	18.35	18.35
		Inner_1RB_Right	18.50	18.48	18.29	18.30
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.38	19.54	19.62
		Edge_1RB_Right	20.00	19.91	19.58	19.61
		Outer_Full	20.00	19.75	19.87	19.77
		Inner_Full	21.50	21.13	21.26	21.30
		Inner_1RB_Left	21.50	20.83	20.88	21.12
		Inner_1RB_Right	21.50	21.02	21.00	21.26
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.34	19.32	19.76
		Edge_1RB_Right	20.00	19.55	19.61	19.52
		Outer_Full	20.00	19.76	19.91	19.84
		Inner_Full	21.00	20.82	20.97	20.94
		Inner_1RB_Left	21.00	19.96	20.35	20.71
		Inner_1RB_Right	21.00	20.53	20.64	20.55
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.80	18.88	19.09
		Edge_1RB_Right	19.50	19.06	19.10	18.99
		Outer_Full	19.50	19.21	19.30	19.21
		Inner_Full	19.50	19.29	19.40	19.37
		Inner_1RB_Left	19.00	18.66	18.89	18.92
		Inner_1RB_Right	19.50	19.22	19.04	18.91
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	15.89	16.12	16.24
		Edge_1RB_Right	16.50	16.42	16.30	15.98
		Outer_Full	16.50	16.19	16.28	16.24
		Inner_Full	16.50	16.28	16.34	16.36
		Inner_1RB_Left	16.50	16.00	16.17	16.31
		Inner_1RB_Right	16.50	16.19	16.35	16.31

30K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		373000	376000	379000
				1865.0MHz	1880MHz	1895.0MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.50	21.11	21.30	21.43
		Edge_1RB_Right	22.00	21.60	21.52	21.54
		Outer_Full	22.00	21.55	21.69	21.68
		Inner_Full	23.00	22.67	22.76	22.78
		Inner_1RB_Left	22.50	22.15	22.25	22.48
		Inner_1RB_Right	23.00	22.55	22.45	22.52
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.07	20.27	20.54
		Edge_1RB_Right	21.00	20.59	20.60	20.40
		Outer_Full	21.00	20.69	20.79	20.83
		Inner_Full	22.00	21.73	21.82	21.81
		Inner_1RB_Left	21.50	20.96	20.98	21.32
		Inner_1RB_Right	22.00	21.53	21.22	21.35
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.44	19.74	19.87
		Edge_1RB_Right	20.00	19.90	19.85	19.93
		Outer_Full	20.50	20.24	20.33	20.31
		Inner_Full	20.50	20.27	20.39	20.38
		Inner_1RB_Left	20.00	19.47	19.75	19.98
		Inner_1RB_Right	20.00	19.96	19.99	19.94
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.99	18.14	18.08
		Edge_1RB_Right	18.50	18.49	18.16	18.11
		Outer_Full	18.50	18.17	18.28	18.35
		Inner_Full	18.50	18.20	18.33	18.31
		Inner_1RB_Left	18.50	18.00	18.05	18.19
		Inner_1RB_Right	18.50	18.29	18.36	18.23
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.20	19.34	19.62
		Edge_1RB_Right	20.00	19.54	19.44	19.53
		Outer_Full	20.00	19.65	19.75	19.76
		Inner_Full	21.50	21.11	21.21	21.21
		Inner_1RB_Left	21.00	20.61	20.76	20.96
		Inner_1RB_Right	21.50	21.20	20.97	21.15
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.14	19.18	19.53
		Edge_1RB_Right	20.00	19.64	19.45	19.34
		Outer_Full	20.00	19.70	19.74	19.76
		Inner_Full	21.00	20.74	20.85	20.92
		Inner_1RB_Left	20.50	20.11	20.12	20.40
		Inner_1RB_Right	21.00	20.67	20.54	20.51
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.53	18.82	19.07
		Edge_1RB_Right	19.50	19.09	19.01	18.93
		Outer_Full	19.50	19.18	19.30	19.25
		Inner_Full	19.50	19.22	19.32	19.37
		Inner_1RB_Left	19.00	18.52	18.83	18.89
		Inner_1RB_Right	19.50	19.17	19.06	19.06
	CP-OFDM 256 QAM	Edge_1RB_Left	16.00	15.75	15.90	16.00
		Edge_1RB_Right	16.50	16.27	16.17	16.16
		Outer_Full	16.50	16.13	16.18	16.18
		Inner_Full	16.50	16.23	16.31	16.32
		Inner_1RB_Left	16.50	15.74	16.05	16.09
		Inner_1RB_Right	16.50	16.23	16.28	16.14

30K_N2			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		373500	376000	378500
				1867.5MHz	1880MHz	1892.5MHz
35MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.50	20.96	21.03	21.26
		Edge_1RB_Right	21.50	21.46	21.39	21.35
		Outer_Full	22.00	21.46	21.58	21.59
		Inner_Full	23.00	22.68	22.73	22.78
		Inner_1RB_Left	22.50	21.98	22.05	22.28
		Inner_1RB_Right	22.50	22.40	22.32	22.34
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	19.88	20.07	20.44
		Edge_1RB_Right	21.00	20.50	20.30	20.35
		Outer_Full	21.00	20.62	20.74	20.82
		Inner_Full	22.00	21.71	21.80	21.83
		Inner_1RB_Left	21.50	20.97	20.91	21.08
		Inner_1RB_Right	21.50	21.47	21.16	21.22
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.33	19.50	19.74
		Edge_1RB_Right	20.00	19.84	19.74	19.73
		Outer_Full	20.50	20.11	20.22	20.28
		Inner_Full	20.50	20.31	20.37	20.41
		Inner_1RB_Left	20.00	19.30	19.48	19.75
		Inner_1RB_Right	20.00	19.98	19.73	19.84
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.80	17.79	18.07
		Edge_1RB_Right	18.50	18.00	18.23	18.01
		Outer_Full	18.50	18.10	18.22	18.28
		Inner_Full	18.50	18.27	18.33	18.36
		Inner_1RB_Left	18.00	17.67	17.98	17.92
		Inner_1RB_Right	18.50	18.14	18.07	18.24
	CP-OFDM QPSK	Edge_1RB_Left	19.50	19.04	19.10	19.46
		Edge_1RB_Right	20.00	19.53	19.34	19.44
		Outer_Full	20.00	19.56	19.65	19.72
		Inner_Full	21.50	21.17	21.22	21.24
		Inner_1RB_Left	21.50	20.47	20.60	21.07
		Inner_1RB_Right	21.50	20.95	21.11	21.02
	CP-OFDM 16 QAM	Edge_1RB_Left	19.50	18.98	18.99	19.33
		Edge_1RB_Right	20.00	19.52	19.35	19.48
		Outer_Full	20.00	19.52	19.64	19.70
		Inner_Full	21.00	20.78	20.82	20.80
		Inner_1RB_Left	20.50	19.96	20.00	20.37
		Inner_1RB_Right	20.50	20.39	20.21	20.33
	CP-OFDM 64 QAM	Edge_1RB_Left	19.00	18.25	18.64	18.89
		Edge_1RB_Right	19.00	18.83	18.93	18.80
		Outer_Full	19.50	18.98	19.18	19.17
		Inner_Full	19.50	19.19	19.31	19.29
		Inner_1RB_Left	19.00	18.28	18.63	18.88
		Inner_1RB_Right	19.00	18.94	18.91	18.80
	CP-OFDM 256 QAM	Edge_1RB_Left	16.50	15.66	15.70	16.05
		Edge_1RB_Right	16.50	16.27	16.18	16.12
		Outer_Full	16.50	16.00	16.13	16.17
		Inner_Full	16.50	16.19	16.15	16.27
		Inner_1RB_Left	16.50	15.67	15.66	16.04
		Inner_1RB_Right	16.50	16.00	16.02	15.96

30K_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	21.50	20.87	20.92	21.15
		Edge_1RB_Right	21.50	21.29	21.23	21.21
		Outer_Full	22.00	21.35	21.49	21.66
		Inner_Full	23.00	22.67	22.71	22.77
		Inner_1RB_Left	22.50	21.87	21.85	22.13
		Inner_1RB_Right	22.50	22.28	22.23	22.24
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	20.50	19.86	19.95	20.15
		Edge_1RB_Right	20.50	20.37	20.18	20.28
		Outer_Full	21.00	20.49	20.62	20.82
		Inner_Full	22.00	21.65	21.73	21.78
		Inner_1RB_Left	21.50	20.63	20.76	21.11
		Inner_1RB_Right	21.50	21.18	21.19	21.21
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.00	19.10	19.29	19.54
		Edge_1RB_Right	20.00	19.72	19.59	19.61
		Outer_Full	20.50	19.99	20.17	20.36
		Inner_Full	20.50	20.22	20.33	20.36
		Inner_1RB_Left	20.00	19.25	19.31	19.60
		Inner_1RB_Right	20.00	19.66	19.69	19.55
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	18.50	17.48	17.53	18.10
		Edge_1RB_Right	18.50	18.14	18.07	18.01
		Outer_Full	18.50	18.01	18.13	18.33
		Inner_Full	18.50	18.18	18.31	18.33
		Inner_1RB_Left	18.50	17.54	17.75	18.14
		Inner_1RB_Right	18.50	17.96	17.91	18.08
	CP-OFDM QPSK	Edge_1RB_Left	19.50	18.85	18.87	19.26
		Edge_1RB_Right	19.50	19.23	19.22	19.28
		Outer_Full	20.00	19.40	19.56	19.74
		Inner_Full	21.50	21.12	21.18	21.25
		Inner_1RB_Left	21.00	20.33	20.54	20.61
		Inner_1RB_Right	21.00	20.76	20.90	20.70
	CP-OFDM 16 QAM	Edge_1RB_Left	19.50	18.92	18.92	19.09
		Edge_1RB_Right	19.50	19.37	19.13	19.12
		Outer_Full	20.00	19.42	19.56	19.71
		Inner_Full	21.00	20.79	20.84	20.83
		Inner_1RB_Left	20.50	19.80	19.80	20.04
		Inner_1RB_Right	20.50	20.33	19.94	20.22
	CP-OFDM 64 QAM	Edge_1RB_Left	18.50	18.20	18.37	18.43
		Edge_1RB_Right	19.00	18.68	18.69	18.70
		Outer_Full	19.50	18.95	19.12	19.27
		Inner_Full	19.50	19.17	19.30	19.31
		Inner_1RB_Left	18.50	18.27	18.43	18.45
		Inner_1RB_Right	19.00	18.59	18.57	18.50
	CP-OFDM 256 QAM	Edge_1RB_Left	16.00	15.25	15.47	15.79
		Edge_1RB_Right	16.00	15.73	15.85	15.69
		Outer_Full	16.50	15.90	16.06	16.25
		Inner_Full	16.50	16.17	16.22	16.28
		Inner_1RB_Left	16.00	15.40	15.60	15.77
		Inner_1RB_Right	16.00	15.84	15.97	15.93

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	23.00	22.80	22.55	22.61
		Edge_1RB_Right	23.00	22.83	22.54	22.62
		Outer_Full	23.00	22.57	22.57	22.58
		Inner_Full	24.00	23.60	23.59	23.63
		Inner_1RB_Left	24.00	23.92	23.58	23.61
		Inner_1RB_Right	24.00	23.93	23.51	23.57
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.79	21.55	21.67
		Edge_1RB_Right	22.00	21.82	21.54	21.57
		Outer_Full	22.00	21.58	21.63	21.59
		Inner_Full	23.00	22.66	22.68	22.72
		Inner_1RB_Left	23.00	22.81	22.56	22.55
		Inner_1RB_Right	23.00	22.88	22.48	22.46
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	20.89	20.99	21.04
		Edge_1RB_Right	21.00	20.90	20.99	20.98
		Outer_Full	21.50	21.13	21.00	21.05
		Inner_Full	21.50	21.00	21.08	21.09
		Inner_1RB_Left	21.50	20.86	21.00	21.03
		Inner_1RB_Right	21.00	20.93	20.96	20.99
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	19.20	18.89	19.01
		Edge_1RB_Right	19.50	19.21	18.85	18.94
		Outer_Full	19.50	19.11	19.21	19.17
		Inner_Full	19.50	19.11	19.11	19.14
		Inner_1RB_Left	19.50	19.24	18.89	18.93
		Inner_1RB_Right	19.50	19.29	18.83	18.91
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.52	20.49	20.60
		Edge_1RB_Right	21.00	20.50	20.52	20.62
		Outer_Full	21.00	20.42	20.53	20.51
		Inner_Full	22.50	21.99	22.01	22.00
		Inner_1RB_Left	22.50	21.86	21.90	22.04
		Inner_1RB_Right	22.00	21.91	21.94	21.98
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.76	20.47	20.58
		Edge_1RB_Right	21.00	20.74	20.50	20.55
		Outer_Full	21.00	20.52	20.56	20.53
		Inner_Full	22.00	21.62	21.68	21.69
		Inner_1RB_Left	22.00	21.82	21.55	21.62
		Inner_1RB_Right	22.00	21.75	21.47	21.60
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.06	20.09	20.09
		Edge_1RB_Right	20.50	20.02	20.06	20.10
		Outer_Full	20.50	20.13	19.97	19.94
		Inner_Full	20.50	20.02	19.96	19.95
		Inner_1RB_Left	20.50	20.08	20.05	20.14
		Inner_1RB_Right	20.50	19.96	20.01	20.05
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	17.23	16.87	16.93
		Edge_1RB_Right	17.50	17.27	16.84	16.90
		Outer_Full	17.50	17.05	17.11	17.06
		Inner_Full	17.00	16.90	16.96	16.98
		Inner_1RB_Left	17.50	17.24	16.85	16.90
		Inner_1RB_Right	17.50	17.21	16.78	16.88

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	22.38	22.54	22.44
		Edge_1RB_Right	23.00	22.40	22.50	22.43
		Outer_Full	23.00	22.60	22.54	22.58
		Inner_Full	24.00	23.60	23.61	23.64
		Inner_1RB_Left	24.00	23.39	23.54	23.41
		Inner_1RB_Right	24.00	23.44	23.52	23.37
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.42	21.24	21.76
		Edge_1RB_Right	22.00	21.47	21.17	21.83
		Outer_Full	22.00	21.60	21.55	21.55
		Inner_Full	23.00	22.62	22.59	22.68
		Inner_1RB_Left	23.00	22.44	22.14	22.86
		Inner_1RB_Right	23.00	22.45	22.20	22.94
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.17	21.07	21.06
		Edge_1RB_Right	21.50	21.30	21.09	21.05
		Outer_Full	21.50	21.08	21.09	21.01
		Inner_Full	21.50	21.16	21.13	21.14
		Inner_1RB_Left	21.50	21.10	21.06	21.07
		Inner_1RB_Right	21.50	21.25	21.12	21.01
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	19.08	19.35	19.24
		Edge_1RB_Right	19.50	19.16	19.31	19.23
		Outer_Full	19.50	19.02	19.05	18.98
		Inner_Full	19.50	19.10	19.12	19.16
		Inner_1RB_Left	19.50	19.10	19.34	19.21
		Inner_1RB_Right	19.50	19.15	19.33	19.18
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.67	20.66	20.33
		Edge_1RB_Right	21.00	20.80	20.62	20.33
		Outer_Full	21.00	20.51	20.52	20.42
		Inner_Full	22.50	22.08	22.08	22.08
		Inner_1RB_Left	22.50	22.25	22.24	21.80
		Inner_1RB_Right	22.50	22.33	22.13	21.75
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.44	20.36	20.94
		Edge_1RB_Right	21.00	20.52	20.23	20.88
		Outer_Full	21.00	20.52	20.50	20.44
		Inner_Full	22.00	21.60	21.61	21.65
		Inner_1RB_Left	22.50	21.47	21.36	22.04
		Inner_1RB_Right	22.50	21.49	21.17	22.16
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.09	20.27	20.01
		Edge_1RB_Right	20.50	20.11	20.27	20.06
		Outer_Full	20.50	20.08	20.04	19.95
		Inner_Full	20.50	20.05	19.93	20.03
		Inner_1RB_Left	20.50	20.10	20.22	20.06
		Inner_1RB_Right	20.50	20.14	20.31	20.15
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.96	17.08	16.96
		Edge_1RB_Right	17.50	17.21	17.00	16.94
		Outer_Full	17.00	16.99	16.90	16.91
		Inner_Full	17.50	16.99	17.05	16.96
		Inner_1RB_Left	17.50	17.10	17.10	16.97
		Inner_1RB_Right	17.50	17.03	17.02	16.91

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	22.43	22.63	22.53
		Edge_1RB_Right	23.00	22.53	22.57	22.59
		Outer_Full	23.00	22.74	22.65	22.72
		Inner_Full	24.00	23.84	23.69	23.79
		Inner_1RB_Left	24.00	23.49	23.68	23.30
		Inner_1RB_Right	24.00	23.50	23.60	23.17
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.60	21.91	21.26
		Edge_1RB_Right	22.00	21.61	21.74	21.49
		Outer_Full	22.00	21.74	21.68	21.85
		Inner_Full	23.00	22.75	22.78	22.73
		Inner_1RB_Left	23.00	22.55	22.67	22.47
		Inner_1RB_Right	23.00	22.56	22.72	22.07
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.00	20.86	20.94	21.00
		Edge_1RB_Right	21.00	20.88	20.81	20.90
		Outer_Full	21.50	21.25	21.16	21.30
		Inner_Full	21.50	21.22	21.08	21.27
		Inner_1RB_Left	21.50	20.84	21.15	20.94
		Inner_1RB_Right	21.50	20.85	21.06	20.91
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	19.06	19.18	19.15
		Edge_1RB_Right	19.50	19.11	19.06	19.18
		Outer_Full	19.50	19.20	19.15	19.26
		Inner_Full	19.50	19.30	19.19	19.23
		Inner_1RB_Left	19.50	19.07	19.17	19.07
		Inner_1RB_Right	19.50	19.11	19.00	19.17
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.40	20.70	20.62
		Edge_1RB_Right	21.00	20.42	20.66	20.60
		Outer_Full	21.00	20.67	20.63	20.72
		Inner_Full	22.50	22.30	22.23	22.26
		Inner_1RB_Left	22.50	21.99	22.24	22.07
		Inner_1RB_Right	22.50	21.88	22.00	21.87
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	20.68	21.04	20.31
		Edge_1RB_Right	21.00	20.61	20.82	20.31
		Outer_Full	21.00	20.67	20.62	20.70
		Inner_Full	22.00	21.82	21.68	21.65
		Inner_1RB_Left	22.50	21.75	22.06	21.36
		Inner_1RB_Right	22.00	21.58	21.85	21.21
	CP-OFDM 64 QAM	Edge_1RB_Left	20.00	19.90	19.86	19.67
		Edge_1RB_Right	20.00	19.74	19.75	19.62
		Outer_Full	20.50	20.16	20.18	20.17
		Inner_Full	20.50	20.28	20.16	20.19
		Inner_1RB_Left	20.00	19.78	19.87	19.88
		Inner_1RB_Right	20.00	19.72	19.86	19.77
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	16.98	17.07	17.13
		Edge_1RB_Right	17.50	17.00	16.99	17.16
		Outer_Full	17.50	17.14	17.12	17.16
		Inner_Full	17.50	17.15	17.11	17.20
		Inner_1RB_Left	17.50	17.01	17.11	17.14
		Inner_1RB_Right	17.50	16.95	16.91	17.09

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	23.50	22.50	22.54	23.01
		Edge_1RB_Right	23.50	22.63	22.57	23.17
		Outer_Full	23.50	22.65	22.71	23.03
		Inner_Full	24.50	23.79	23.79	24.13
		Inner_1RB_Left	24.00	23.57	23.53	23.43
		Inner_1RB_Right	24.00	23.31	23.57	23.75
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.46	21.77	21.17
		Edge_1RB_Right	22.00	21.44	21.89	21.45
		Outer_Full	22.50	21.64	21.73	22.05
		Inner_Full	23.50	22.82	22.85	23.08
		Inner_1RB_Left	23.00	22.42	22.84	22.23
		Inner_1RB_Right	23.00	22.46	22.92	22.56
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	20.95	21.23	20.72
		Edge_1RB_Right	21.50	20.98	21.23	20.79
		Outer_Full	22.00	21.07	21.27	21.63
		Inner_Full	22.00	21.29	21.31	21.59
		Inner_1RB_Left	21.50	21.02	21.23	20.56
		Inner_1RB_Right	21.50	21.02	21.23	20.85
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	19.27	19.09	19.34
		Edge_1RB_Right	19.50	19.42	19.20	19.43
		Outer_Full	20.00	19.08	19.22	19.52
		Inner_Full	20.00	19.24	19.20	19.56
		Inner_1RB_Left	19.50	19.38	19.08	19.27
		Inner_1RB_Right	19.50	19.45	19.15	19.48
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.50	20.37	20.24
		Edge_1RB_Right	21.00	20.60	20.30	20.38
		Outer_Full	21.00	20.54	20.71	20.96
		Inner_Full	23.00	22.22	22.24	22.55
		Inner_1RB_Left	22.50	22.02	21.82	21.68
		Inner_1RB_Right	22.50	22.13	21.70	21.73
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.40	20.97	20.83
		Edge_1RB_Right	21.50	20.59	21.09	20.46
		Outer_Full	21.50	20.55	20.68	21.04
		Inner_Full	22.50	21.75	21.79	22.02
		Inner_1RB_Left	22.50	21.59	22.08	21.87
		Inner_1RB_Right	22.50	21.46	22.06	21.77
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	19.85	20.15	20.44
		Edge_1RB_Right	21.00	19.94	20.02	20.61
		Outer_Full	20.50	20.06	20.22	20.47
		Inner_Full	21.00	20.21	20.20	20.56
		Inner_1RB_Left	20.50	19.89	20.05	20.42
		Inner_1RB_Right	21.00	19.88	19.99	20.50
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	17.35	17.14	17.38
		Edge_1RB_Right	18.00	17.43	17.15	17.71
		Outer_Full	17.50	16.98	17.06	17.44
		Inner_Full	17.50	17.18	17.12	17.40
		Inner_1RB_Left	17.50	17.21	17.07	17.49
		Inner_1RB_Right	18.00	17.34	17.09	17.70

30K_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	22.74	22.74	22.93
		Edge_1RB_Right	23.00	22.87	22.89	22.85
		Outer_Full	23.50	23.28	22.98	23.02
		Inner_Full	24.50	23.95	24.04	24.07
		Inner_1RB_Left	24.00	23.73	23.84	23.94
		Inner_1RB_Right	24.00	23.27	23.88	23.95
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	21.89	22.04	21.96
		Edge_1RB_Right	22.50	21.95	22.06	22.16
		Outer_Full	22.50	22.02	22.02	22.00
		Inner_Full	23.50	23.03	23.02	23.12
		Inner_1RB_Left	23.50	23.08	23.15	23.13
		Inner_1RB_Right	23.50	23.05	23.24	23.36
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.21	21.17	21.27
		Edge_1RB_Right	21.50	21.19	21.45	21.32
		Outer_Full	22.00	21.52	21.53	21.57
		Inner_Full	22.00	21.48	21.63	21.62
		Inner_1RB_Left	21.50	21.23	21.17	21.30
		Inner_1RB_Right	21.50	21.18	21.22	21.24
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.00	19.41	19.45	19.53
		Edge_1RB_Right	20.00	19.33	19.50	19.56
		Outer_Full	20.00	19.40	19.50	19.49
		Inner_Full	20.00	19.40	19.37	19.50
		Inner_1RB_Left	20.00	19.40	19.24	19.55
		Inner_1RB_Right	19.50	19.46	19.38	19.42
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.84	20.81	20.96
		Edge_1RB_Right	21.00	20.84	20.90	20.98
		Outer_Full	21.00	20.88	20.92	20.94
		Inner_Full	23.00	22.62	22.55	22.59
		Inner_1RB_Left	22.50	22.26	22.34	22.43
		Inner_1RB_Right	22.50	22.36	22.30	22.39
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	20.83	20.90	21.14
		Edge_1RB_Right	21.50	20.84	20.78	21.05
		Outer_Full	21.50	20.99	21.05	21.01
		Inner_Full	22.50	21.96	21.97	22.05
		Inner_1RB_Left	22.50	21.80	21.70	22.01
		Inner_1RB_Right	22.00	21.84	21.81	21.83
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.21	20.35	20.44
		Edge_1RB_Right	20.50	20.25	20.36	20.43
		Outer_Full	21.00	20.51	20.50	20.57
		Inner_Full	21.00	20.37	20.51	20.59
		Inner_1RB_Left	20.50	20.27	20.25	20.33
		Inner_1RB_Right	20.50	20.24	20.34	20.42
	CP-OFDM 256 QAM	Edge_1RB_Left	18.00	17.75	17.67	17.59
		Edge_1RB_Right	18.00	17.49	17.42	17.85
		Outer_Full	17.50	17.36	17.34	17.39
		Inner_Full	17.50	17.21	17.26	17.29
		Inner_1RB_Left	18.00	17.38	17.55	17.74
		Inner_1RB_Right	18.00	17.57	17.42	17.85

30K_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	22.75	22.81	22.67
		Edge_1RB_Right	23.00	22.88	22.80	22.92
		Outer_Full	23.50	23.02	22.97	17.07
		Inner_Full	24.00	23.99	23.99	23.94
		Inner_1RB_Left	24.00	23.69	23.80	23.61
		Inner_1RB_Right	24.00	23.69	23.92	23.74
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.87	21.93	21.93
		Edge_1RB_Right	22.50	22.10	22.09	22.22
		Outer_Full	22.50	21.97	22.07	21.96
		Inner_Full	23.00	22.96	22.95	22.95
		Inner_1RB_Left	23.50	23.04	22.97	22.93
		Inner_1RB_Right	23.50	23.20	23.34	23.07
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.20	21.24	21.19
		Edge_1RB_Right	21.50	21.27	21.35	21.26
		Outer_Full	22.00	21.51	21.51	21.46
		Inner_Full	21.50	21.47	21.46	21.40
		Inner_1RB_Left	21.50	21.15	21.17	21.10
		Inner_1RB_Right	21.50	21.44	21.32	21.30
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	19.24	19.37	19.45
		Edge_1RB_Right	20.00	19.65	19.57	19.49
		Outer_Full	19.50	19.40	19.46	19.41
		Inner_Full	19.50	19.47	19.47	19.40
		Inner_1RB_Left	19.50	19.30	19.31	19.34
		Inner_1RB_Right	20.00	19.72	19.62	19.55
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.83	20.60	20.73
		Edge_1RB_Right	21.00	20.91	20.82	20.87
		Outer_Full	21.00	20.89	20.97	20.82
		Inner_Full	23.00	22.53	22.42	22.40
		Inner_1RB_Left	22.50	22.28	22.08	22.21
		Inner_1RB_Right	22.50	22.37	22.17	22.26
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.95	20.89	20.81
		Edge_1RB_Right	21.50	21.03	20.78	20.98
		Outer_Full	21.00	20.91	20.86	20.85
		Inner_Full	22.00	21.95	21.89	21.89
		Inner_1RB_Left	22.00	21.81	21.77	21.75
		Inner_1RB_Right	22.00	21.86	21.93	21.92
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.23	20.18	20.23
		Edge_1RB_Right	20.50	20.43	20.25	20.35
		Outer_Full	20.50	20.35	20.35	20.31
		Inner_Full	20.50	20.43	20.32	20.37
		Inner_1RB_Left	20.50	20.28	20.09	20.18
		Inner_1RB_Right	20.50	20.38	20.25	20.33
	CP-OFDM 256 QAM	Edge_1RB_Left	18.00	17.51	17.61	17.40
		Edge_1RB_Right	18.00	17.49	17.51	17.61
		Outer_Full	17.50	17.33	17.36	17.27
		Inner_Full	17.50	17.34	17.26	17.32
		Inner_1RB_Left	18.00	17.24	17.60	17.23
		Inner_1RB_Right	18.00	17.40	17.64	17.64

30K_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	22.64	22.46	22.58
		Edge_1RB_Right	23.00	22.67	22.74	22.69
		Outer_Full	23.00	22.74	22.85	22.86
		Inner_Full	24.50	24.02	23.98	24.01
		Inner_1RB_Left	24.00	23.43	23.59	23.65
		Inner_1RB_Right	24.00	23.69	23.62	23.76
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	21.82	21.54	22.06
		Edge_1RB_Right	22.50	22.13	21.94	21.96
		Outer_Full	22.00	21.90	21.91	21.92
		Inner_Full	23.00	22.94	22.97	22.93
		Inner_1RB_Left	23.00	22.82	22.96	22.77
		Inner_1RB_Right	23.50	23.20	22.88	22.95
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	21.50	21.02	20.98	21.01
		Edge_1RB_Right	21.50	21.17	21.16	21.27
		Outer_Full	21.50	21.35	21.30	21.34
		Inner_Full	21.50	21.36	21.44	21.45
		Inner_1RB_Left	21.50	20.94	20.97	21.02
		Inner_1RB_Right	21.50	21.13	21.20	21.24
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.50	19.13	19.04	19.26
		Edge_1RB_Right	19.50	19.41	19.39	19.27
		Outer_Full	19.50	19.39	19.35	19.31
		Inner_Full	19.50	19.31	19.40	19.39
		Inner_1RB_Left	19.50	19.17	19.07	19.26
		Inner_1RB_Right	19.50	19.49	19.19	19.26
	CP-OFDM QPSK	Edge_1RB_Left	21.00	20.62	20.65	20.58
		Edge_1RB_Right	21.00	20.72	20.72	20.74
		Outer_Full	21.00	20.80	20.77	20.77
		Inner_Full	22.50	22.37	22.42	22.42
		Inner_1RB_Left	22.50	22.05	22.03	22.11
		Inner_1RB_Right	22.50	22.25	22.22	22.14
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.94	20.72	20.80
		Edge_1RB_Right	21.00	20.81	20.78	20.92
		Outer_Full	21.00	20.92	20.85	20.90
		Inner_Full	22.00	21.94	21.87	21.90
		Inner_1RB_Left	22.00	21.78	21.53	21.53
		Inner_1RB_Right	22.00	21.78	21.65	21.75
	CP-OFDM 64 QAM	Edge_1RB_Left	20.50	20.09	20.12	20.18
		Edge_1RB_Right	20.50	20.21	20.21	20.27
		Outer_Full	20.50	20.36	20.37	20.32
		Inner_Full	20.50	20.39	20.34	20.39
		Inner_1RB_Left	20.50	20.08	20.06	20.15
		Inner_1RB_Right	20.50	20.17	20.18	20.22
	CP-OFDM 256 QAM	Edge_1RB_Left	17.50	17.30	17.17	17.46
		Edge_1RB_Right	18.00	17.44	17.57	17.31
		Outer_Full	17.50	17.34	17.35	17.30
		Inner_Full	17.50	17.22	17.27	17.34
		Inner_1RB_Left	18.00	17.50	17.04	17.17
		Inner_1RB_Right	18.00	17.65	17.27	17.45

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	13.50	13.03	11.28	11.66
		Edge_1RB_Right	13.00	12.74	11.42	9.30
		Outer_Full	13.00	12.94	11.74	11.77
		Inner_Full	14.00	13.97	12.92	11.46
		Inner_1RB_Left	14.50	14.04	12.34	12.39
		Inner_1RB_Right	14.00	13.74	12.24	8.56
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	12.50	12.46	10.77	10.86
		Edge_1RB_Right	12.50	12.23	10.65	8.44
		Outer_Full	12.50	12.05	11.09	11.22
		Inner_Full	13.00	13.00	11.86	11.86
		Inner_1RB_Left	13.50	13.24	11.56	11.64
		Inner_1RB_Right	13.50	13.06	11.49	8.57
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	12.00	11.80	10.09	10.12
		Edge_1RB_Right	12.00	11.52	9.90	8.78
		Outer_Full	12.00	11.56	10.44	10.53
		Inner_Full	12.00	11.55	10.51	10.71
		Inner_1RB_Left	12.00	11.80	9.98	10.33
		Inner_1RB_Right	12.00	11.56	9.69	8.87
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	10.00	9.55	8.47	8.35
		Edge_1RB_Right	9.50	9.30	8.16	8.53
		Outer_Full	10.00	9.61	8.50	8.47
		Inner_Full	10.00	9.59	8.48	8.68
		Inner_1RB_Left	10.00	9.60	8.23	8.31
		Inner_1RB_Right	9.50	9.26	8.37	8.70
	CP-OFDM QPSK	Edge_1RB_Left	11.50	11.44	10.03	10.12
		Edge_1RB_Right	11.50	11.06	10.05	10.27
		Outer_Full	11.50	11.19	10.03	10.09
		Inner_Full	12.50	12.30	11.22	11.46
		Inner_1RB_Left	13.00	12.67	11.39	11.00
		Inner_1RB_Right	12.50	12.24	11.34	10.31
	CP-OFDM 16 QAM	Edge_1RB_Left	11.50	11.14	10.04	9.50
		Edge_1RB_Right	11.00	10.86	10.00	9.58
		Outer_Full	11.50	11.03	9.96	9.97
		Inner_Full	12.50	12.02	10.94	11.06
		Inner_1RB_Left	12.50	12.20	10.77	10.45
		Inner_1RB_Right	12.00	11.99	10.90	10.26
	CP-OFDM 64 QAM	Edge_1RB_Left	11.00	10.55	9.57	9.81
		Edge_1RB_Right	10.50	10.37	9.22	10.08
		Outer_Full	10.50	10.48	9.40	9.40
		Inner_Full	10.50	10.40	9.27	9.51
		Inner_1RB_Left	11.00	10.54	9.56	9.54
		Inner_1RB_Right	10.50	10.24	9.15	9.73
	CP-OFDM 256 QAM	Edge_1RB_Left	7.50	7.42	6.17	6.55
		Edge_1RB_Right	7.50	7.18	6.28	6.50
		Outer_Full	7.50	7.40	6.33	6.46
		Inner_Full	8.00	7.50	6.31	6.57
		Inner_1RB_Left	7.50	7.38	6.21	6.39
		Inner_1RB_Right	7.50	7.29	6.22	6.41

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	12.50	12.30	11.66	11.63
		Edge_1RB_Right	12.00	11.66	11.47	9.32
		Outer_Full	13.00	12.68	11.93	11.47
		Inner_Full	14.00	13.68	12.83	12.57
		Inner_1RB_Left	13.50	13.21	12.60	12.30
		Inner_1RB_Right	13.00	12.73	12.46	8.44
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	12.00	11.71	11.22	10.40
		Edge_1RB_Right	11.50	11.23	10.99	7.91
		Outer_Full	12.00	11.83	10.99	10.40
		Inner_Full	13.00	12.64	11.86	11.39
		Inner_1RB_Left	13.00	12.55	12.08	11.02
		Inner_1RB_Right	12.50	12.09	11.87	8.06
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	11.00	10.79	10.72	9.48
		Edge_1RB_Right	10.50	10.48	10.29	9.42
		Outer_Full	11.50	11.34	10.49	9.97
		Inner_Full	11.50	11.22	10.69	10.04
		Inner_1RB_Left	11.00	10.81	10.65	9.53
		Inner_1RB_Right	11.00	10.55	10.10	9.34
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	9.50	9.21	9.00	7.75
		Edge_1RB_Right	9.00	8.95	8.69	7.91
		Outer_Full	9.50	9.38	8.69	8.07
		Inner_Full	9.50	9.32	9.35	8.24
		Inner_1RB_Left	9.50	9.43	9.15	7.79
		Inner_1RB_Right	9.00	8.77	8.71	7.81
	CP-OFDM QPSK	Edge_1RB_Left	11.50	11.17	10.77	9.74
		Edge_1RB_Right	11.00	10.83	10.51	9.67
		Outer_Full	11.00	10.93	10.75	9.85
		Inner_Full	12.50	12.14	11.70	11.00
		Inner_1RB_Left	13.00	12.53	11.95	11.17
		Inner_1RB_Right	12.00	11.77	11.76	10.29
	CP-OFDM 16 QAM	Edge_1RB_Left	11.50	11.11	10.18	9.39
		Edge_1RB_Right	10.50	10.49	10.10	9.35
		Outer_Full	11.00	10.85	10.27	9.69
		Inner_Full	12.00	11.70	11.14	10.74
		Inner_1RB_Left	12.50	12.11	11.11	10.36
		Inner_1RB_Right	11.50	11.22	11.08	10.39
	CP-OFDM 64 QAM	Edge_1RB_Left	10.50	10.39	10.03	9.23
		Edge_1RB_Right	10.50	10.27	9.35	9.67
		Outer_Full	10.50	10.26	9.62	9.44
		Inner_Full	10.50	10.21	9.61	9.33
		Inner_1RB_Left	10.50	10.36	10.02	9.40
		Inner_1RB_Right	10.50	10.21	9.38	9.59
	CP-OFDM 256 QAM	Edge_1RB_Left	7.50	7.45	6.25	6.09
		Edge_1RB_Right	7.00	6.88	5.94	5.94
		Outer_Full	7.50	7.27	6.73	6.48
		Inner_Full	7.50	7.12	6.24	6.16
		Inner_1RB_Left	7.50	7.35	6.26	6.09
		Inner_1RB_Right	7.00	6.86	6.19	6.09

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	13.00	12.84	12.03	12.27
		Edge_1RB_Right	12.00	11.96	11.62	9.74
		Outer_Full	13.00	12.93	12.34	12.73
		Inner_Full	14.50	14.11	13.18	13.02
		Inner_1RB_Left	14.00	13.75	12.97	12.57
		Inner_1RB_Right	13.00	12.91	12.65	8.78
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	12.50	12.07	11.67	10.50
		Edge_1RB_Right	11.50	11.47	11.24	8.26
		Outer_Full	12.50	12.22	11.35	11.17
		Inner_Full	13.00	12.94	12.13	12.01
		Inner_1RB_Left	13.00	12.84	12.33	11.56
		Inner_1RB_Right	12.50	12.28	12.06	8.63
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	11.50	11.23	10.99	10.11
		Edge_1RB_Right	11.00	10.80	10.42	10.00
		Outer_Full	12.00	11.65	10.86	10.84
		Inner_Full	12.00	11.60	10.83	10.69
		Inner_1RB_Left	11.50	11.24	10.95	10.04
		Inner_1RB_Right	11.00	10.94	10.39	9.91
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	10.00	9.62	8.61	8.61
		Edge_1RB_Right	9.50	9.18	7.82	8.32
		Outer_Full	10.00	9.59	8.85	8.87
		Inner_Full	10.00	9.51	8.42	8.64
		Inner_1RB_Left	10.00	9.65	8.59	8.56
		Inner_1RB_Right	9.00	8.94	7.95	8.27
	CP-OFDM QPSK	Edge_1RB_Left	11.50	11.38	10.35	10.27
		Edge_1RB_Right	11.00	10.90	9.82	10.32
		Outer_Full	11.50	11.06	10.08	10.34
		Inner_Full	13.00	12.52	11.58	11.88
		Inner_1RB_Left	13.00	12.79	11.63	11.34
		Inner_1RB_Right	12.00	11.83	11.18	10.16
	CP-OFDM 16 QAM	Edge_1RB_Left	11.50	11.47	10.36	9.71
		Edge_1RB_Right	11.00	10.53	10.09	9.67
		Outer_Full	11.50	11.28	10.27	10.72
		Inner_Full	12.50	12.24	11.33	11.40
		Inner_1RB_Left	12.50	12.43	11.19	10.66
		Inner_1RB_Right	11.50	11.33	10.88	10.34
	CP-OFDM 64 QAM	Edge_1RB_Left	11.00	10.75	10.27	9.77
		Edge_1RB_Right	11.00	10.73	9.31	9.60
		Outer_Full	11.00	10.72	9.81	10.09
		Inner_Full	11.00	10.59	9.68	10.01
		Inner_1RB_Left	11.00	10.76	10.32	9.79
		Inner_1RB_Right	11.00	10.66	9.28	9.61
	CP-OFDM 256 QAM	Edge_1RB_Left	8.00	7.74	6.56	6.80
		Edge_1RB_Right	7.50	7.14	6.33	6.84
		Outer_Full	8.00	7.74	6.73	7.26
		Inner_Full	7.50	7.33	6.35	7.08
		Inner_1RB_Left	8.00	7.50	6.50	6.75
		Inner_1RB_Right	7.50	7.05	6.09	6.82

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	13.00	13.00	12.40	11.81
		Edge_1RB_Right	12.50	12.27	11.92	9.73
		Outer_Full	13.00	12.97	12.82	12.85
		Inner_Full	14.50	14.38	13.77	14.00
		Inner_1RB_Left	14.00	13.98	13.11	13.81
		Inner_1RB_Right	13.50	13.38	12.89	9.94
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	13.00	12.54	11.63	11.47
		Edge_1RB_Right	12.50	12.22	11.10	8.75
		Outer_Full	13.00	12.51	11.95	12.21
		Inner_Full	14.00	13.62	12.69	13.10
		Inner_1RB_Left	13.50	13.26	12.39	12.53
		Inner_1RB_Right	13.00	12.92	12.02	9.08
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	12.00	11.64	10.98	10.86
		Edge_1RB_Right	12.00	11.68	10.46	9.02
		Outer_Full	12.50	12.21	11.39	11.88
		Inner_Full	12.50	12.19	11.32	11.57
		Inner_1RB_Left	12.00	11.73	10.99	10.82
		Inner_1RB_Right	12.00	11.67	10.43	9.20
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	10.00	9.91	9.20	9.07
		Edge_1RB_Right	10.00	9.89	8.75	9.16
		Outer_Full	10.50	10.18	9.36	9.56
		Inner_Full	10.50	10.16	9.31	9.45
		Inner_1RB_Left	10.00	9.85	9.16	8.82
		Inner_1RB_Right	10.00	9.89	8.64	8.96
	CP-OFDM QPSK	Edge_1RB_Left	11.50	11.39	10.52	10.20
		Edge_1RB_Right	11.00	10.96	10.45	10.29
		Outer_Full	12.00	11.74	10.85	10.97
		Inner_Full	14.00	12.93	12.39	13.85
		Inner_1RB_Left	13.00	12.79	12.14	12.80
		Inner_1RB_Right	12.50	12.10	11.76	10.39
	CP-OFDM 16 QAM	Edge_1RB_Left	11.50	11.46	10.22	10.24
		Edge_1RB_Right	11.00	10.58	10.15	10.01
		Outer_Full	13.00	11.69	11.04	12.57
		Inner_Full	13.00	12.68	11.95	12.27
		Inner_1RB_Left	13.00	12.57	11.31	11.15
		Inner_1RB_Right	12.00	11.58	11.01	10.27
	CP-OFDM 64 QAM	Edge_1RB_Left	11.00	10.72	10.41	10.07
		Edge_1RB_Right	11.00	10.67	9.69	10.32
		Outer_Full	11.50	11.27	10.46	10.74
		Inner_Full	11.50	11.06	10.26	10.34
		Inner_1RB_Left	11.00	10.77	10.37	10.05
		Inner_1RB_Right	11.00	10.68	9.59	10.37
	CP-OFDM 256 QAM	Edge_1RB_Left	8.50	8.30	7.28	7.19
		Edge_1RB_Right	8.00	7.77	7.08	7.28
		Outer_Full	8.50	8.18	7.47	7.55
		Inner_Full	8.50	8.03	7.34	7.39
		Inner_1RB_Left	8.50	8.39	7.37	7.14
		Inner_1RB_Right	8.00	7.65	7.07	7.21

30K_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	21.30	21.67	21.76
		Edge_1RB_Right	22.00	21.45	21.65	21.62
		Outer_Full	22.00	21.46	21.79	21.80
		Inner_Full	23.00	22.51	22.78	22.82
		Inner_1RB_Left	23.00	22.39	22.61	22.85
		Inner_1RB_Right	23.00	22.45	22.65	22.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	20.29	21.01	20.68
		Edge_1RB_Right	21.00	20.39	20.87	20.61
		Outer_Full	21.00	20.69	20.91	20.84
		Inner_Full	22.00	21.57	21.83	21.80
		Inner_1RB_Left	22.00	21.17	21.89	21.51
		Inner_1RB_Right	22.00	21.29	21.69	21.51
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	20.02	20.45	20.30
		Edge_1RB_Right	20.50	20.12	20.33	20.15
		Outer_Full	20.50	20.11	20.36	20.41
		Inner_Full	20.50	20.13	20.45	20.42
		Inner_1RB_Left	20.50	19.88	20.22	20.31
		Inner_1RB_Right	20.50	20.03	20.29	20.35
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.31	18.42	18.53
		Edge_1RB_Right	19.00	18.24	18.67	18.62
		Outer_Full	18.50	18.10	18.43	18.45
		Inner_Full	18.50	18.04	18.39	18.33
		Inner_1RB_Left	19.00	18.10	18.54	18.73
		Inner_1RB_Right	19.00	18.17	18.68	18.60
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.54	19.83	19.94
		Edge_1RB_Right	20.00	19.61	19.79	19.83
		Outer_Full	20.50	19.65	19.96	20.02
		Inner_Full	21.50	21.13	21.33	21.36
		Inner_1RB_Left	21.50	20.83	21.12	21.22
		Inner_1RB_Right	21.50	20.77	21.15	21.17
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	19.40	20.10	19.90
		Edge_1RB_Right	20.50	19.58	20.02	19.80
		Outer_Full	20.00	19.62	19.87	19.94
		Inner_Full	21.00	20.62	20.90	20.77
		Inner_1RB_Left	21.50	20.46	21.00	20.68
		Inner_1RB_Right	21.50	20.61	21.01	20.54
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.19	19.22	19.35
		Edge_1RB_Right	19.50	19.06	19.44	19.09
		Outer_Full	19.50	19.06	19.37	19.40
		Inner_Full	19.50	19.08	19.39	19.33
		Inner_1RB_Left	19.50	19.02	19.46	19.18
		Inner_1RB_Right	20.00	19.12	19.50	19.09
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.31	16.37	16.84
		Edge_1RB_Right	17.00	16.06	16.30	16.71
		Outer_Full	16.50	16.07	16.33	16.35
		Inner_Full	16.50	16.01	16.26	16.28
		Inner_1RB_Left	16.50	16.30	16.34	16.48
		Inner_1RB_Right	17.00	16.25	16.67	16.46

30K_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	21.31	21.67	21.70
		Edge_1RB_Right	22.00	21.45	21.63	21.61
		Outer_Full	22.00	21.53	21.74	21.81
		Inner_Full	23.00	22.51	22.74	22.91
		Inner_1RB_Left	23.00	22.40	22.69	22.78
		Inner_1RB_Right	23.00	22.54	22.68	22.64
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.71	20.69	20.54
		Edge_1RB_Right	21.00	20.98	20.73	20.60
		Outer_Full	21.00	20.73	20.92	20.96
		Inner_Full	22.00	21.55	21.81	21.88
		Inner_1RB_Left	22.00	21.66	21.58	21.64
		Inner_1RB_Right	22.00	21.96	21.42	21.52
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	19.89	20.28	20.22
		Edge_1RB_Right	20.50	20.18	20.32	20.24
		Outer_Full	20.50	20.15	20.39	20.48
		Inner_Full	21.00	20.18	20.43	20.50
		Inner_1RB_Left	20.50	20.12	20.38	20.30
		Inner_1RB_Right	20.50	20.34	20.41	20.33
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	17.97	18.34	18.63
		Edge_1RB_Right	19.00	18.38	18.57	18.55
		Outer_Full	19.00	18.12	18.41	18.52
		Inner_Full	18.50	18.13	18.34	18.43
		Inner_1RB_Left	18.50	18.26	18.39	18.41
		Inner_1RB_Right	19.00	18.46	18.33	18.57
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.49	19.83	19.89
		Edge_1RB_Right	20.00	19.66	19.78	19.78
		Outer_Full	20.00	19.62	19.84	19.95
		Inner_Full	21.50	20.97	21.28	21.39
		Inner_1RB_Left	21.50	20.82	21.17	21.13
		Inner_1RB_Right	21.50	20.94	21.07	21.06
	CP-OFDM 16 QAM	Edge_1RB_Left	20.50	19.64	19.65	20.02
		Edge_1RB_Right	20.00	19.91	19.62	19.89
		Outer_Full	20.50	19.73	19.82	20.02
		Inner_Full	21.00	20.69	20.83	20.82
		Inner_1RB_Left	21.00	20.60	20.73	20.84
		Inner_1RB_Right	21.00	20.83	20.74	20.70
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	18.86	19.47	19.36
		Edge_1RB_Right	19.50	19.19	19.33	19.12
		Outer_Full	19.50	19.15	19.34	19.46
		Inner_Full	19.50	19.11	19.38	19.44
		Inner_1RB_Left	19.50	18.95	19.45	19.43
		Inner_1RB_Right	19.50	19.14	19.28	19.27
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.18	16.70	16.45
		Edge_1RB_Right	17.00	16.40	16.68	16.32
		Outer_Full	16.50	16.14	16.29	16.42
		Inner_Full	16.50	16.03	16.27	16.36
		Inner_1RB_Left	17.00	16.40	16.78	16.39
		Inner_1RB_Right	17.00	16.42	16.67	16.26

30K_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	21.38	21.58	21.59
		Edge_1RB_Right	22.00	21.68	21.59	21.59
		Outer_Full	22.00	21.57	21.81	21.87
		Inner_Full	23.50	22.67	22.80	23.01
		Inner_1RB_Left	23.00	22.37	22.49	22.61
		Inner_1RB_Right	23.00	22.72	22.56	22.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.49	20.89	20.97
		Edge_1RB_Right	21.00	21.00	20.74	20.83
		Outer_Full	21.00	20.80	20.89	20.97
		Inner_Full	22.00	21.69	21.86	21.99
		Inner_1RB_Left	22.00	21.42	21.74	21.98
		Inner_1RB_Right	22.50	22.09	21.76	21.83
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	20.50	19.99	20.37	20.30
		Edge_1RB_Right	20.50	20.39	20.31	20.11
		Outer_Full	21.00	20.27	20.47	20.51
		Inner_Full	20.50	20.22	20.42	20.47
		Inner_1RB_Left	20.50	19.90	20.32	20.24
		Inner_1RB_Right	20.50	20.20	20.37	20.09
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	19.00	18.01	18.54	18.30
		Edge_1RB_Right	19.00	18.51	18.40	18.26
		Outer_Full	18.50	18.22	18.38	18.39
		Inner_Full	19.00	18.24	18.49	18.51
		Inner_1RB_Left	19.00	18.26	18.58	18.34
		Inner_1RB_Right	19.00	18.35	18.65	18.42
	CP-OFDM QPSK	Edge_1RB_Left	20.00	19.54	19.78	19.77
		Edge_1RB_Right	20.00	19.74	19.72	19.67
		Outer_Full	20.00	19.76	19.83	19.87
		Inner_Full	21.50	21.07	21.27	21.39
		Inner_1RB_Left	21.50	20.85	20.97	21.09
		Inner_1RB_Right	21.50	21.20	21.03	21.03
	CP-OFDM 16 QAM	Edge_1RB_Left	20.00	19.63	19.91	19.94
		Edge_1RB_Right	20.00	19.89	19.95	19.82
		Outer_Full	20.50	19.80	19.89	20.02
		Inner_Full	21.00	20.79	20.91	20.87
		Inner_1RB_Left	21.00	20.57	20.79	20.91
		Inner_1RB_Right	21.00	20.87	20.84	20.69
	CP-OFDM 64 QAM	Edge_1RB_Left	19.50	19.13	19.29	19.15
		Edge_1RB_Right	19.50	19.45	19.34	19.39
		Outer_Full	19.50	19.28	19.41	19.42
		Inner_Full	19.50	19.12	19.34	19.44
		Inner_1RB_Left	19.50	19.13	19.42	19.43
		Inner_1RB_Right	19.50	19.30	19.41	19.25
	CP-OFDM 256 QAM	Edge_1RB_Left	17.00	16.34	16.29	16.66
		Edge_1RB_Right	16.50	16.35	16.22	16.23
		Outer_Full	16.50	16.22	16.31	16.33
		Inner_Full	17.00	16.21	16.41	16.50
		Inner_1RB_Left	16.50	16.21	16.27	16.27
		Inner_1RB_Right	16.50	16.27	16.23	16.25

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		500200	518600	537000
				2501.0MHz	2593.0MHz	2685.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.40	22.28	22.87
		Edge_1RB_Right	23.00	22.37	22.45	22.80
		Outer_Full	25.50	24.97	25.04	25.43
		Inner_Full	26.50	25.86	25.82	26.21
		Inner_1RB_Left	26.50	26.22	26.10	25.92
		Inner_1RB_Right	27.00	25.87	26.08	26.51
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	22.42	22.52	22.93
		Edge_1RB_Right	23.00	22.57	22.70	22.75
		Outer_Full	24.50	24.03	24.05	24.43
		Inner_Full	25.50	24.90	24.97	25.37
		Inner_1RB_Left	25.50	24.98	24.88	25.49
		Inner_1RB_Right	25.50	24.69	24.85	25.44
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.50	22.34	22.45	23.14
		Edge_1RB_Right	23.50	22.72	22.59	23.04
		Outer_Full	24.00	23.47	23.57	23.96
		Inner_Full	24.00	23.33	23.48	23.85
		Inner_1RB_Left	24.00	23.61	23.60	23.80
		Inner_1RB_Right	24.50	23.58	23.51	24.08
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	21.01	21.02	21.65
		Edge_1RB_Right	22.00	21.11	21.25	21.76
		Outer_Full	22.00	21.44	21.50	21.92
		Inner_Full	22.00	21.42	21.51	21.86
		Inner_1RB_Left	22.00	21.34	21.35	21.62
		Inner_1RB_Right	22.00	21.17	21.27	21.76
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.13	22.12	22.48
		Edge_1RB_Right	23.00	22.26	22.30	22.63
		Outer_Full	23.50	22.90	22.96	23.37
		Inner_Full	25.00	24.52	24.22	24.89
		Inner_1RB_Left	25.00	23.85	24.13	24.53
		Inner_1RB_Right	24.50	24.18	24.23	24.31
	CP-OFDM 16 QAM	Edge_1RB_Left	23.00	22.26	22.20	22.67
		Edge_1RB_Right	23.00	22.37	22.49	22.87
		Outer_Full	23.50	22.99	22.85	23.36
		Inner_Full	24.50	24.03	24.11	24.48
		Inner_1RB_Left	24.50	23.79	23.87	24.33
		Inner_1RB_Right	24.50	23.55	23.96	24.32
	CP-OFDM 64 QAM	Edge_1RB_Left	23.00	22.09	22.35	22.86
		Edge_1RB_Right	23.00	22.29	22.63	22.99
		Outer_Full	23.00	22.44	22.39	22.81
		Inner_Full	23.00	22.31	22.40	22.76
		Inner_1RB_Left	23.00	22.23	22.37	22.85
		Inner_1RB_Right	23.00	22.28	22.51	22.92
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.09	19.18	19.65
		Edge_1RB_Right	20.00	19.63	19.83	19.78
		Outer_Full	20.50	19.52	19.57	20.01
		Inner_Full	20.50	19.61	19.62	20.10
		Inner_1RB_Left	20.00	19.53	19.65	19.68
		Inner_1RB_Right	20.00	19.26	19.37	19.76

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		500700	518600	536500
				2503.5MHz	2593.0MHz	2682.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.25	22.31	22.67
		Edge_1RB_Right	23.00	22.35	22.43	22.80
		Outer_Full	25.50	24.86	25.00	25.34
		Inner_Full	26.50	25.94	26.11	26.05
		Inner_1RB_Left	26.00	25.88	25.87	25.39
		Inner_1RB_Right	27.00	26.09	26.28	26.56
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	22.34	21.98	22.89
		Edge_1RB_Right	23.00	22.51	22.32	22.96
		Outer_Full	24.50	24.03	24.11	24.42
		Inner_Full	25.50	24.98	25.00	25.33
		Inner_1RB_Left	26.00	24.94	24.68	25.61
		Inner_1RB_Right	25.50	25.10	25.19	25.30
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.00	22.35	22.64	22.91
		Edge_1RB_Right	23.00	22.72	22.60	22.97
		Outer_Full	24.00	23.44	23.58	23.91
		Inner_Full	24.00	23.40	23.49	23.81
		Inner_1RB_Left	24.00	23.84	23.58	23.83
		Inner_1RB_Right	24.00	23.65	23.76	23.89
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	21.12	21.13	21.86
		Edge_1RB_Right	22.00	21.37	21.37	21.75
		Outer_Full	22.00	21.43	21.51	21.79
		Inner_Full	22.00	21.57	21.50	21.92
		Inner_1RB_Left	22.00	21.14	21.15	21.55
		Inner_1RB_Right	22.00	21.27	21.45	21.71
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.08	21.99	22.34
		Edge_1RB_Right	23.00	22.18	22.21	22.59
		Outer_Full	23.50	22.81	22.91	23.33
		Inner_Full	25.00	24.40	24.42	24.73
		Inner_1RB_Left	24.50	24.10	23.69	24.21
		Inner_1RB_Right	24.50	24.02	24.07	24.34
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.16	22.18	22.49
		Edge_1RB_Right	23.00	22.26	22.58	22.75
		Outer_Full	23.50	22.89	22.88	23.25
		Inner_Full	24.50	23.69	23.91	24.14
		Inner_1RB_Left	24.00	23.82	23.60	23.97
		Inner_1RB_Right	24.50	23.56	23.76	24.05
	CP-OFDM 64 QAM	Edge_1RB_Left	23.00	22.23	22.16	22.64
		Edge_1RB_Right	23.00	22.37	22.49	22.74
		Outer_Full	23.50	22.42	22.47	23.02
		Inner_Full	23.00	22.44	22.51	22.86
		Inner_1RB_Left	23.00	22.31	22.14	22.64
		Inner_1RB_Right	23.00	22.37	22.54	22.83
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.49	19.26	19.87
		Edge_1RB_Right	20.50	19.30	19.49	20.04
		Outer_Full	20.00	19.50	19.55	19.97
		Inner_Full	20.00	19.56	19.50	19.99
		Inner_1RB_Left	20.00	19.52	19.39	19.58
		Inner_1RB_Right	20.00	19.59	19.65	19.67

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		501200	518600	536000
				2506.0MHz	2593.0MHz	2680.0MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.22	22.17	22.53
		Edge_1RB_Right	23.00	22.37	22.39	22.77
		Outer_Full	25.50	24.92	25.00	25.49
		Inner_Full	26.50	25.95	26.11	25.80
		Inner_1RB_Left	26.00	25.87	25.77	25.15
		Inner_1RB_Right	27.00	26.05	25.89	26.52
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	21.89	22.37	22.82
		Edge_1RB_Right	23.50	22.51	22.65	23.01
		Outer_Full	25.00	24.01	24.09	24.54
		Inner_Full	26.00	25.04	25.20	25.66
		Inner_1RB_Left	26.00	25.00	24.57	25.51
		Inner_1RB_Right	25.50	25.21	25.11	25.46
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.00	22.56	22.54	22.73
		Edge_1RB_Right	23.00	22.69	22.50	22.97
		Outer_Full	24.00	23.45	23.48	23.99
		Inner_Full	24.50	23.44	23.62	24.02
		Inner_1RB_Left	24.00	23.45	23.35	23.90
		Inner_1RB_Right	24.50	23.65	23.52	24.04
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	21.14	20.94	21.64
		Edge_1RB_Right	22.00	21.56	21.18	21.62
		Outer_Full	22.00	21.34	21.50	21.85
		Inner_Full	22.00	21.39	21.53	21.89
		Inner_1RB_Left	22.00	21.41	20.91	21.63
		Inner_1RB_Right	22.00	21.37	21.23	21.58
	CP-OFDM QPSK	Edge_1RB_Left	22.50	22.02	21.92	22.18
		Edge_1RB_Right	23.00	22.24	22.36	22.77
		Outer_Full	23.50	22.82	22.98	23.37
		Inner_Full	25.00	24.32	24.54	24.93
		Inner_1RB_Left	24.50	23.78	23.58	24.14
		Inner_1RB_Right	24.50	24.23	24.11	24.48
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.26	22.19	22.34
		Edge_1RB_Right	23.00	22.48	22.57	22.79
		Outer_Full	23.50	22.87	22.94	23.27
		Inner_Full	24.00	23.66	23.70	23.97
		Inner_1RB_Left	24.50	23.73	23.76	24.19
		Inner_1RB_Right	24.50	23.94	23.72	24.29
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.21	21.89	22.29
		Edge_1RB_Right	23.00	22.45	22.43	22.74
		Outer_Full	23.00	22.35	22.34	22.84
		Inner_Full	23.00	22.39	22.49	22.91
		Inner_1RB_Left	22.50	22.29	21.99	22.34
		Inner_1RB_Right	23.00	22.52	22.61	22.76
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.06	19.31	19.92
		Edge_1RB_Right	20.00	19.75	19.32	19.89
		Outer_Full	20.50	19.50	19.61	20.08
		Inner_Full	20.00	19.54	19.63	19.98
		Inner_1RB_Left	20.00	19.12	19.08	19.52
		Inner_1RB_Right	20.50	19.30	19.42	20.19

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		501700	518600	535500
				2508.5MHz	2593.0MHz	2677.5MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	22.14	22.18	22.75
		Edge_1RB_Right	23.00	22.30	22.35	22.75
		Outer_Full	25.50	24.97	25.02	25.44
		Inner_Full	26.50	26.07	26.08	25.63
		Inner_1RB_Left	26.00	25.84	25.75	25.12
		Inner_1RB_Right	26.50	26.00	26.20	26.47
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	23.00	22.25	22.30	22.73
		Edge_1RB_Right	23.00	22.45	22.63	22.91
		Outer_Full	24.50	23.99	24.09	24.46
		Inner_Full	26.00	25.21	25.28	25.60
		Inner_1RB_Left	25.50	24.69	24.79	25.15
		Inner_1RB_Right	26.00	24.84	24.97	25.50
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.00	22.24	22.29	22.61
		Edge_1RB_Right	23.00	22.47	22.55	22.89
		Outer_Full	24.00	23.50	23.55	23.99
		Inner_Full	24.00	23.53	23.58	23.93
		Inner_1RB_Left	24.00	23.39	23.52	23.95
		Inner_1RB_Right	24.00	23.51	23.63	23.88
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	20.92	20.77	21.17
		Edge_1RB_Right	22.00	21.45	21.17	21.55
		Outer_Full	22.00	21.47	21.54	21.92
		Inner_Full	22.00	21.56	21.56	21.95
		Inner_1RB_Left	21.50	20.85	20.81	21.13
		Inner_1RB_Right	22.00	21.13	21.19	21.54
	CP-OFDM QPSK	Edge_1RB_Left	22.50	21.97	21.86	22.15
		Edge_1RB_Right	23.00	22.20	22.28	22.58
		Outer_Full	23.50	22.88	22.27	23.18
		Inner_Full	25.00	24.42	24.56	24.96
		Inner_1RB_Left	24.50	24.10	24.07	24.23
		Inner_1RB_Right	24.50	24.24	23.98	24.23
	CP-OFDM 16 QAM	Edge_1RB_Left	23.00	22.04	21.89	22.50
		Edge_1RB_Right	23.00	22.39	22.40	22.90
		Outer_Full	23.50	22.83	23.47	23.15
		Inner_Full	25.00	24.10	24.20	24.66
		Inner_1RB_Left	24.00	23.75	23.42	23.81
		Inner_1RB_Right	24.50	23.65	23.67	24.30
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.17	21.78	22.32
		Edge_1RB_Right	23.00	22.30	22.38	22.81
		Outer_Full	23.00	22.41	22.47	22.70
		Inner_Full	23.00	22.48	22.38	22.63
		Inner_1RB_Left	22.50	22.05	21.91	22.34
		Inner_1RB_Right	23.00	22.36	22.42	22.71
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.36	18.94	19.50
		Edge_1RB_Right	20.00	19.30	19.36	19.93
		Outer_Full	20.00	19.54	19.46	19.87
		Inner_Full	20.00	19.60	19.55	19.86
		Inner_1RB_Left	20.00	19.09	19.01	19.93
		Inner_1RB_Right	20.00	19.63	19.28	19.91

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		502200	518600	535000
				2511.0MHz	2593.0MHz	2675.0MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.07	22.09	22.44
		Edge_1RB_Right	23.00	22.22	22.32	22.69
		Outer_Full	25.50	24.92	25.00	25.38
		Inner_Full	26.50	26.03	26.03	25.36
		Inner_1RB_Left	26.00	25.71	25.68	25.20
		Inner_1RB_Right	27.00	25.88	26.01	26.60
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.19	22.07	22.49
		Edge_1RB_Right	23.00	22.17	22.44	22.90
		Outer_Full	24.50	23.96	24.08	24.47
		Inner_Full	25.50	25.09	25.17	25.35
		Inner_1RB_Left	25.50	24.53	24.96	25.17
		Inner_1RB_Right	25.50	25.01	24.86	25.44
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.19	22.26	22.37
		Edge_1RB_Right	23.00	22.46	22.51	22.97
		Outer_Full	24.00	23.42	23.26	23.88
		Inner_Full	24.00	23.51	23.71	23.94
		Inner_1RB_Left	24.00	23.29	23.60	22.96
		Inner_1RB_Right	24.00	23.89	23.58	23.95
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.15	20.92	21.18
		Edge_1RB_Right	22.00	21.42	21.33	21.96
		Outer_Full	22.00	21.39	21.50	21.84
		Inner_Full	22.00	21.46	21.44	21.80
		Inner_1RB_Left	21.50	20.90	21.15	21.16
		Inner_1RB_Right	22.00	21.39	21.37	21.79
	CP-OFDM QPSK	Edge_1RB_Left	22.00	21.96	21.75	21.98
		Edge_1RB_Right	23.00	22.19	22.23	22.56
		Outer_Full	23.50	22.87	22.95	23.42
		Inner_Full	25.00	24.58	24.51	24.87
		Inner_1RB_Left	24.00	23.84	23.61	23.88
		Inner_1RB_Right	25.00	23.95	24.21	24.57
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	21.89	22.07	22.05
		Edge_1RB_Right	23.00	22.22	22.37	22.82
		Outer_Full	23.50	22.87	23.04	23.18
		Inner_Full	24.50	23.91	23.89	24.28
		Inner_1RB_Left	24.50	23.57	23.33	24.11
		Inner_1RB_Right	25.00	23.43	23.79	24.50
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.04	21.99	22.21
		Edge_1RB_Right	23.00	22.37	22.53	22.82
		Outer_Full	23.00	22.35	22.37	22.80
		Inner_Full	23.00	22.57	22.58	22.94
		Inner_1RB_Left	22.50	22.14	21.84	22.14
		Inner_1RB_Right	23.00	22.33	22.51	22.58
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.27	19.03	19.16
		Edge_1RB_Right	20.00	19.26	19.76	19.51
		Outer_Full	20.00	19.45	19.53	19.86
		Inner_Full	20.00	19.62	19.54	19.96
		Inner_1RB_Left	19.50	19.33	19.06	19.19
		Inner_1RB_Right	20.00	19.08	19.83	19.46

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		502700	518600	534500
				2513.5MHz	2593.0MHz	2672.5MHz
35MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	21.95	21.93	22.26
		Edge_1RB_Right	23.00	22.22	22.29	22.60
		Outer_Full	25.50	24.93	24.99	25.34
		Inner_Full	26.50	26.02	26.06	25.32
		Inner_1RB_Left	26.00	25.49	25.69	25.48
		Inner_1RB_Right	26.50	25.75	26.11	26.29
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	21.98	22.04	22.43
		Edge_1RB_Right	23.00	22.43	22.02	22.74
		Outer_Full	24.50	23.93	24.10	24.46
		Inner_Full	25.50	25.17	25.36	25.31
		Inner_1RB_Left	25.00	24.55	24.61	24.87
		Inner_1RB_Right	25.50	25.00	24.75	25.03
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.15	21.94	22.14
		Edge_1RB_Right	23.00	22.43	22.48	22.91
		Outer_Full	24.00	23.42	23.35	23.96
		Inner_Full	24.50	23.52	23.57	24.01
		Inner_1RB_Left	23.50	23.45	22.76	22.88
		Inner_1RB_Right	24.00	23.71	23.40	23.62
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.05	20.58	20.86
		Edge_1RB_Right	21.50	20.96	21.11	21.40
		Outer_Full	22.00	21.38	21.46	21.80
		Inner_Full	22.00	21.49	21.46	21.85
		Inner_1RB_Left	21.50	20.74	20.60	21.22
		Inner_1RB_Right	22.00	21.34	21.07	21.77
	CP-OFDM QPSK	Edge_1RB_Left	22.00	21.78	21.60	21.88
		Edge_1RB_Right	22.50	22.04	22.10	22.31
		Outer_Full	23.50	22.87	22.98	23.37
		Inner_Full	25.00	24.47	24.51	24.86
		Inner_1RB_Left	24.50	23.70	23.57	24.02
		Inner_1RB_Right	24.50	23.79	24.02	24.30
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.02	22.22	21.91
		Edge_1RB_Right	23.00	22.24	22.59	22.63
		Outer_Full	23.50	22.88	22.91	23.32
		Inner_Full	25.00	24.13	24.21	24.61
		Inner_1RB_Left	23.50	23.22	23.37	23.41
		Inner_1RB_Right	24.50	23.48	23.57	24.03
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	21.97	21.43	21.86
		Edge_1RB_Right	23.00	22.21	22.24	22.62
		Outer_Full	23.00	22.42	22.47	22.90
		Inner_Full	23.00	22.46	22.42	22.54
		Inner_1RB_Left	22.00	21.98	21.84	21.96
		Inner_1RB_Right	23.00	22.31	22.33	22.58
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.21	18.65	19.17
		Edge_1RB_Right	20.00	19.54	19.59	19.82
		Outer_Full	20.00	19.46	19.50	19.85
		Inner_Full	20.00	19.58	19.46	19.83
		Inner_1RB_Left	19.50	19.25	18.74	19.26
		Inner_1RB_Right	20.00	19.54	19.11	19.78

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		503200	518600	534000
				2516.0MHz	2593.0MHz	2670.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	21.80	21.84	22.16
		Edge_1RB_Right	23.00	22.07	22.12	22.51
		Outer_Full	25.50	24.90	24.93	25.40
		Inner_Full	26.50	26.04	26.09	25.27
		Inner_1RB_Left	26.00	25.77	25.58	25.40
		Inner_1RB_Right	26.00	25.63	25.78	25.89
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.05	21.51	22.26
		Edge_1RB_Right	23.00	22.25	22.39	22.75
		Outer_Full	24.50	23.91	24.02	24.46
		Inner_Full	25.50	25.19	25.29	25.25
		Inner_1RB_Left	25.00	24.41	24.21	24.98
		Inner_1RB_Right	25.00	24.84	24.91	24.98
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.19	22.09	22.19
		Edge_1RB_Right	23.50	22.39	22.30	23.05
		Outer_Full	24.00	23.31	23.50	23.90
		Inner_Full	24.50	23.48	23.51	24.04
		Inner_1RB_Left	24.00	23.03	23.10	23.64
		Inner_1RB_Right	24.50	23.34	23.54	24.19
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.00	20.56	20.55	20.72
		Edge_1RB_Right	21.50	21.14	21.02	21.40
		Outer_Full	22.00	21.41	21.52	21.88
		Inner_Full	22.00	21.46	21.43	21.82
		Inner_1RB_Left	21.00	20.63	20.84	20.79
		Inner_1RB_Right	21.50	21.28	21.35	21.37
	CP-OFDM QPSK	Edge_1RB_Left	22.00	21.69	21.52	21.80
		Edge_1RB_Right	22.50	21.90	22.22	22.41
		Outer_Full	23.50	22.80	23.07	23.27
		Inner_Full	25.00	24.57	24.64	24.93
		Inner_1RB_Left	24.00	23.64	23.56	23.60
		Inner_1RB_Right	24.50	23.91	23.96	24.34
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	21.95	21.66	22.35
		Edge_1RB_Right	23.00	22.13	22.57	22.55
		Outer_Full	23.50	22.86	22.33	23.41
		Inner_Full	24.50	23.94	24.09	24.40
		Inner_1RB_Left	24.00	23.05	23.58	23.32
		Inner_1RB_Right	24.50	23.50	24.03	23.87
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	21.81	21.81	21.99
		Edge_1RB_Right	22.50	22.25	22.32	22.43
		Outer_Full	23.00	22.33	22.36	22.82
		Inner_Full	23.00	22.39	22.42	22.64
		Inner_1RB_Left	22.00	21.93	21.74	21.87
		Inner_1RB_Right	23.00	22.23	22.47	22.70
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	18.79	18.90	19.16
		Edge_1RB_Right	19.50	19.48	19.16	19.43
		Outer_Full	20.00	19.46	19.51	19.87
		Inner_Full	20.00	19.54	19.57	19.87
		Inner_1RB_Left	19.50	19.22	18.66	19.19
		Inner_1RB_Right	20.00	19.51	19.51	19.55

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		503700	518600	533500
				2518.5MHz	2593.0MHz	2667.5MHz
45MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.21	22.15	22.45
		Edge_1RB_Right	23.00	22.33	22.47	22.89
		Outer_Full	25.50	24.94	25.00	25.38
		Inner_Full	26.50	26.40	26.07	25.32
		Inner_1RB_Left	26.50	26.05	25.70	25.84
		Inner_1RB_Right	26.50	26.20	26.04	26.45
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.30	22.16	22.07
		Edge_1RB_Right	23.00	22.44	22.66	22.62
		Outer_Full	24.50	24.02	24.07	24.44
		Inner_Full	25.50	25.10	25.12	25.30
		Inner_1RB_Left	25.00	24.64	24.74	24.83
		Inner_1RB_Right	26.00	24.96	25.14	25.54
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	23.00	22.21	22.12	22.69
		Edge_1RB_Right	23.50	22.70	22.87	23.01
		Outer_Full	24.00	23.55	23.59	23.96
		Inner_Full	24.00	23.56	23.53	23.94
		Inner_1RB_Left	24.00	23.06	23.39	23.83
		Inner_1RB_Right	24.50	23.65	23.67	24.20
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.32	20.68	21.41
		Edge_1RB_Right	22.00	21.29	21.39	21.61
		Outer_Full	22.00	21.49	21.47	21.87
		Inner_Full	22.00	21.53	21.51	21.87
		Inner_1RB_Left	21.50	20.81	21.05	21.36
		Inner_1RB_Right	22.00	21.20	21.57	21.96
	CP-OFDM QPSK	Edge_1RB_Left	22.50	21.94	21.71	22.10
		Edge_1RB_Right	23.00	22.20	22.32	22.65
		Outer_Full	23.50	22.93	22.70	23.25
		Inner_Full	25.00	24.63	24.63	24.66
		Inner_1RB_Left	24.50	23.68	23.93	24.14
		Inner_1RB_Right	24.50	24.02	24.14	24.33
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.14	21.91	22.09
		Edge_1RB_Right	23.00	22.44	22.55	22.78
		Outer_Full	23.50	22.91	22.88	23.23
		Inner_Full	24.50	24.07	24.02	24.36
		Inner_1RB_Left	24.00	23.99	23.51	23.80
		Inner_1RB_Right	24.50	23.60	24.39	24.25
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.09	21.89	22.08
		Edge_1RB_Right	23.00	22.47	22.63	22.84
		Outer_Full	23.00	22.44	22.43	22.81
		Inner_Full	23.00	22.58	22.55	22.85
		Inner_1RB_Left	22.50	22.18	22.24	22.13
		Inner_1RB_Right	23.00	22.37	22.58	22.94
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.46	18.86	19.20
		Edge_1RB_Right	20.00	19.22	19.78	19.72
		Outer_Full	20.00	19.55	19.60	19.92
		Inner_Full	20.00	19.60	19.60	19.94
		Inner_1RB_Left	19.50	19.49	18.91	19.23
		Inner_1RB_Right	20.00	19.23	19.33	19.72

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		504200	518600	533000
				2521.0MHz	2593.0MHz	2665.0MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	22.06	22.16	22.28
		Edge_1RB_Right	23.00	22.32	22.43	22.83
		Outer_Full	25.50	24.92	24.94	25.29
		Inner_Full	26.50	25.52	26.15	25.35
		Inner_1RB_Left	26.00	25.64	25.87	25.93
		Inner_1RB_Right	26.50	26.23	26.10	26.42
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	22.18	22.01	22.35
		Edge_1RB_Right	23.00	22.48	22.72	22.57
		Outer_Full	24.50	23.96	23.98	24.36
		Inner_Full	25.50	25.18	25.21	25.32
		Inner_1RB_Left	25.00	24.81	24.75	24.66
		Inner_1RB_Right	26.00	24.93	25.30	25.61
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	22.18	22.23	22.27
		Edge_1RB_Right	23.00	22.72	22.83	22.95
		Outer_Full	24.00	23.49	23.60	23.89
		Inner_Full	24.00	23.62	23.68	23.94
		Inner_1RB_Left	24.00	23.63	23.35	23.60
		Inner_1RB_Right	24.50	23.87	23.98	24.43
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.15	20.95	21.08
		Edge_1RB_Right	22.00	21.41	21.34	21.80
		Outer_Full	22.00	21.46	21.51	21.79
		Inner_Full	22.00	21.58	21.62	21.87
		Inner_1RB_Left	21.50	20.84	20.61	21.12
		Inner_1RB_Right	22.00	21.11	21.40	21.72
	CP-OFDM QPSK	Edge_1RB_Left	22.50	21.94	21.69	22.12
		Edge_1RB_Right	23.00	22.17	22.36	22.71
		Outer_Full	23.50	22.99	22.81	23.27
		Inner_Full	25.00	24.56	24.52	24.98
		Inner_1RB_Left	24.50	23.72	23.46	24.03
		Inner_1RB_Right	25.00	24.00	24.23	24.56
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	22.10	21.93	22.06
		Edge_1RB_Right	23.00	22.44	22.69	22.70
		Outer_Full	23.50	22.92	23.02	23.16
		Inner_Full	24.50	24.14	24.12	24.42
		Inner_1RB_Left	24.00	23.27	23.80	23.44
		Inner_1RB_Right	24.50	23.63	24.43	24.41
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	22.10	21.83	22.12
		Edge_1RB_Right	23.00	22.27	22.61	22.64
		Outer_Full	23.00	22.53	22.49	22.78
		Inner_Full	23.00	22.49	22.45	22.69
		Inner_1RB_Left	22.50	22.18	21.91	22.22
		Inner_1RB_Right	23.00	22.41	22.74	22.63
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.34	18.80	19.46
		Edge_1RB_Right	20.50	19.18	19.52	20.11
		Outer_Full	20.00	19.60	19.62	19.82
		Inner_Full	20.00	19.57	19.56	19.80
		Inner_1RB_Left	19.50	19.08	18.90	19.19
		Inner_1RB_Right	20.50	19.74	19.56	20.12

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		505200	518600	532000
				2526.0MHz	2593.0MHz	2660.0MHz
60MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	21.91	21.84	22.14
		Edge_1RB_Right	23.00	22.08	22.37	22.78
		Outer_Full	25.50	24.95	25.03	25.39
		Inner_Full	26.50	26.02	26.13	25.62
		Inner_1RB_Left	26.00	25.72	25.53	25.79
		Inner_1RB_Right	27.00	25.91	25.96	26.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	21.57	21.58	22.27
		Edge_1RB_Right	23.00	21.75	22.09	22.83
		Outer_Full	24.50	23.96	24.10	24.39
		Inner_Full	26.00	25.23	25.37	25.56
		Inner_1RB_Left	25.00	24.29	24.48	24.70
		Inner_1RB_Right	25.50	24.44	25.09	25.42
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	21.98	21.83	22.45
		Edge_1RB_Right	23.50	22.19	22.39	23.28
		Outer_Full	24.00	23.47	23.69	23.92
		Inner_Full	24.00	23.58	23.65	23.93
		Inner_1RB_Left	24.00	23.51	23.03	23.26
		Inner_1RB_Right	24.50	23.70	23.79	24.41
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.00	20.98	20.88	20.91
		Edge_1RB_Right	22.00	20.91	21.58	21.55
		Outer_Full	22.00	21.46	21.48	21.67
		Inner_Full	22.00	21.54	21.56	21.73
		Inner_1RB_Left	21.00	20.63	20.90	20.92
		Inner_1RB_Right	22.00	21.04	21.56	21.94
	CP-OFDM QPSK	Edge_1RB_Left	22.50	21.77	21.59	22.03
		Edge_1RB_Right	23.00	21.96	22.40	22.59
		Outer_Full	23.50	22.88	22.98	23.21
		Inner_Full	25.00	24.61	24.70	24.92
		Inner_1RB_Left	24.00	23.59	23.86	23.86
		Inner_1RB_Right	24.50	23.79	24.33	24.47
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	21.87	22.04	22.04
		Edge_1RB_Right	23.00	22.09	22.53	22.95
		Outer_Full	23.50	22.88	23.38	23.11
		Inner_Full	24.50	24.01	24.04	24.37
		Inner_1RB_Left	24.00	23.26	23.56	23.68
		Inner_1RB_Right	24.50	23.41	24.02	24.03
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	21.82	21.92	22.13
		Edge_1RB_Right	23.00	22.05	22.59	22.75
		Outer_Full	23.00	22.43	22.50	22.71
		Inner_Full	23.00	22.55	22.50	22.78
		Inner_1RB_Left	22.50	21.86	22.02	22.26
		Inner_1RB_Right	23.00	22.06	22.60	22.82
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.27	19.05	19.14
		Edge_1RB_Right	20.00	19.10	19.49	19.81
		Outer_Full	20.00	19.57	19.61	19.74
		Inner_Full	20.00	19.61	19.62	19.86
		Inner_1RB_Left	19.50	18.83	19.11	19.14
		Inner_1RB_Right	20.50	19.03	19.33	20.25

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		506200	518600	531000
				2531.0MHz	2593.0MHz	2655.0MHz
70MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	21.88	21.94	22.12
		Edge_1RB_Right	23.00	22.11	22.55	22.92
		Outer_Full	25.50	24.90	25.10	25.27
		Inner_Full	26.50	26.14	26.20	26.01
		Inner_1RB_Left	26.50	25.68	25.60	26.03
		Inner_1RB_Right	27.50	26.16	26.17	27.02
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	21.90	21.76	22.11
		Edge_1RB_Right	23.00	22.01	22.43	22.96
		Outer_Full	24.50	24.07	24.10	24.36
		Inner_Full	26.00	25.30	25.46	25.56
		Inner_1RB_Left	25.00	24.10	23.88	24.67
		Inner_1RB_Right	25.50	24.21	24.71	25.12
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	21.93	21.79	22.10
		Edge_1RB_Right	23.00	22.01	22.50	22.80
		Outer_Full	24.00	23.58	23.68	23.75
		Inner_Full	24.00	23.67	23.64	23.97
		Inner_1RB_Left	23.50	22.78	22.79	23.03
		Inner_1RB_Right	24.00	22.97	23.50	23.75
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	21.00	20.85	21.07
		Edge_1RB_Right	22.00	21.09	21.25	21.88
		Outer_Full	22.00	21.53	21.64	21.80
		Inner_Full	22.00	21.60	21.65	21.90
		Inner_1RB_Left	21.50	20.97	20.84	21.05
		Inner_1RB_Right	22.00	21.07	21.24	21.88
	CP-OFDM QPSK	Edge_1RB_Left	22.00	21.70	21.53	21.89
		Edge_1RB_Right	23.00	21.76	22.35	22.55
		Outer_Full	23.50	22.92	22.63	23.02
		Inner_Full	25.50	24.70	24.86	25.22
		Inner_1RB_Left	24.00	23.55	23.20	23.74
		Inner_1RB_Right	24.50	23.70	24.24	24.44
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	21.82	21.76	21.91
		Edge_1RB_Right	23.00	22.14	22.44	22.75
		Outer_Full	23.50	22.98	22.98	23.20
		Inner_Full	24.50	24.18	24.19	24.45
		Inner_1RB_Left	24.50	24.30	23.77	23.45
		Inner_1RB_Right	25.00	24.86	24.34	24.22
	CP-OFDM 64 QAM	Edge_1RB_Left	23.50	21.85	23.04	22.06
		Edge_1RB_Right	23.00	21.95	22.96	22.99
		Outer_Full	23.00	22.45	22.50	22.23
		Inner_Full	23.00	22.65	22.43	22.90
		Inner_1RB_Left	23.00	21.93	22.57	22.04
		Inner_1RB_Right	23.50	22.05	23.33	22.73
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	19.58	18.90	19.22
		Edge_1RB_Right	20.00	19.63	19.74	19.98
		Outer_Full	20.00	19.68	19.76	19.91
		Inner_Full	20.00	19.79	19.73	19.94
		Inner_1RB_Left	20.00	19.62	19.01	19.18
		Inner_1RB_Right	20.50	19.72	19.83	20.32

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		507200	518600	530000
				2536.0MHz	2593.0MHz	2650.0MHz
80MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.76	21.73	21.84
		Edge_1RB_Right	23.00	22.05	22.40	22.69
		Outer_Full	25.50	24.90	25.01	25.04
		Inner_Full	26.50	26.20	26.26	26.30
		Inner_1RB_Left	26.50	25.78	25.43	26.01
		Inner_1RB_Right	27.50	25.94	26.03	27.17
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.69	21.54	21.93
		Edge_1RB_Right	23.00	21.90	22.22	22.83
		Outer_Full	24.50	24.01	24.08	24.15
		Inner_Full	25.50	25.28	25.35	25.49
		Inner_1RB_Left	24.50	24.10	24.22	24.35
		Inner_1RB_Right	25.50	24.30	24.91	25.04
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	21.78	21.73	21.96
		Edge_1RB_Right	23.00	21.93	22.44	22.68
		Outer_Full	24.00	23.48	23.56	23.60
		Inner_Full	24.50	23.73	23.76	24.22
		Inner_1RB_Left	23.00	22.70	22.55	22.84
		Inner_1RB_Right	24.00	22.80	23.27	23.65
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.00	20.82	20.46	20.70
		Edge_1RB_Right	21.50	21.01	21.16	21.47
		Outer_Full	22.00	21.48	21.59	21.68
		Inner_Full	22.00	21.66	21.65	21.84
		Inner_1RB_Left	21.00	20.81	20.73	20.71
		Inner_1RB_Right	22.00	21.00	21.12	21.77
	CP-OFDM QPSK	Edge_1RB_Left	22.00	21.67	21.45	21.78
		Edge_1RB_Right	22.50	21.74	22.29	22.48
		Outer_Full	23.50	22.97	22.87	23.15
		Inner_Full	25.00	24.52	24.39	24.67
		Inner_1RB_Left	24.00	23.49	23.32	23.68
		Inner_1RB_Right	24.50	23.54	24.08	24.25
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	21.76	21.63	21.98
		Edge_1RB_Right	23.00	22.00	22.28	22.71
		Outer_Full	23.50	22.97	23.01	23.05
		Inner_Full	24.50	24.23	24.13	24.42
		Inner_1RB_Left	24.00	23.09	23.97	23.56
		Inner_1RB_Right	24.50	23.37	24.10	24.09
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	21.69	21.81	22.01
		Edge_1RB_Right	23.50	21.83	22.26	23.01
		Outer_Full	23.00	22.44	22.51	22.65
		Inner_Full	23.00	22.67	22.75	22.92
		Inner_1RB_Left	22.50	21.75	21.50	22.07
		Inner_1RB_Right	23.50	21.84	22.27	23.05
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.30	18.93	19.16
		Edge_1RB_Right	20.50	19.62	19.53	20.16
		Outer_Full	20.00	19.58	19.70	19.79
		Inner_Full	20.00	19.75	19.80	19.93
		Inner_1RB_Left	20.00	19.52	18.98	19.21
		Inner_1RB_Right	20.00	19.64	19.84	19.89

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		508200	518600	529000
				2541.0MHz	2593.0MHz	2645.0MHz
90MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.65	21.67	21.59
		Edge_1RB_Right	23.00	21.96	22.31	22.54
		Outer_Full	25.50	24.85	25.08	25.07
		Inner_Full	26.50	26.11	26.22	26.37
		Inner_1RB_Left	25.50	25.29	25.43	25.39
		Inner_1RB_Right	27.00	25.73	26.12	26.72
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	21.46	21.45	21.74
		Edge_1RB_Right	23.00	21.75	22.15	22.63
		Outer_Full	24.50	23.96	24.10	24.07
		Inner_Full	25.50	25.15	25.26	25.41
		Inner_1RB_Left	24.50	24.12	23.94	24.10
		Inner_1RB_Right	25.50	24.38	24.62	25.02
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	21.63	21.59	21.68
		Edge_1RB_Right	23.00	21.89	22.26	22.64
		Outer_Full	24.00	23.47	23.40	23.71
		Inner_Full	24.00	23.64	23.73	23.83
		Inner_1RB_Left	23.00	22.56	22.54	22.68
		Inner_1RB_Right	24.00	22.85	23.25	23.58
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.00	20.64	20.54	20.62
		Edge_1RB_Right	22.00	20.96	21.27	21.61
		Outer_Full	22.00	21.41	21.56	21.57
		Inner_Full	22.00	21.60	21.66	21.82
		Inner_1RB_Left	21.00	20.65	20.58	20.63
		Inner_1RB_Right	21.50	21.18	21.23	21.37
	CP-OFDM QPSK	Edge_1RB_Left	22.00	21.61	21.46	21.42
		Edge_1RB_Right	22.50	21.86	22.11	22.45
		Outer_Full	23.50	22.88	23.04	23.05
		Inner_Full	25.00	24.51	24.53	24.68
		Inner_1RB_Left	24.00	23.73	23.23	23.44
		Inner_1RB_Right	24.50	23.73	23.94	24.37
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	21.62	21.85	21.74
		Edge_1RB_Right	23.00	22.04	22.55	22.70
		Outer_Full	23.50	22.89	23.48	23.06
		Inner_Full	24.50	24.07	24.11	24.14
		Inner_1RB_Left	24.00	23.04	23.56	23.27
		Inner_1RB_Right	25.00	23.49	24.06	24.56
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	21.51	21.58	21.87
		Edge_1RB_Right	23.00	21.88	22.28	22.72
		Outer_Full	23.00	22.36	22.50	22.58
		Inner_Full	23.00	22.57	22.50	22.78
		Inner_1RB_Left	22.00	21.58	21.62	21.86
		Inner_1RB_Right	22.50	21.88	22.26	22.43
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.16	19.11	19.16
		Edge_1RB_Right	20.00	19.42	19.77	19.85
		Outer_Full	20.00	19.58	19.76	19.65
		Inner_Full	20.00	19.72	19.73	19.89
		Inner_1RB_Left	19.50	19.16	19.10	19.18
		Inner_1RB_Right	20.50	19.39	19.73	20.13

30K_N41			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		509200	518600	528000
				2546.0MHz	2593.0MHz	2640.0MHz
100MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.00	21.51	21.46	21.44
		Edge_1RB_Right	22.50	21.95	22.22	22.49
		Outer_Full	25.50	24.80	25.00	24.92
		Inner_Full	26.50	26.06	26.11	26.23
		Inner_1RB_Left	25.50	25.13	25.24	25.31
		Inner_1RB_Right	26.50	25.66	26.09	26.32
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.50	21.33	21.48	21.39
		Edge_1RB_Right	22.50	21.85	22.11	22.46
		Outer_Full	24.50	23.89	24.03	24.04
		Inner_Full	25.50	25.11	25.15	25.27
		Inner_1RB_Left	24.00	23.94	23.94	23.82
		Inner_1RB_Right	25.00	24.45	24.54	24.91
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	21.46	21.51	21.40
		Edge_1RB_Right	23.00	21.96	22.15	22.53
		Outer_Full	24.00	23.37	23.52	23.48
		Inner_Full	24.00	23.60	23.63	23.76
		Inner_1RB_Left	22.50	22.38	22.49	22.41
		Inner_1RB_Right	23.50	22.93	23.12	23.48
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.50	20.44	20.31	20.45
		Edge_1RB_Right	22.00	20.93	20.96	21.62
		Outer_Full	21.50	21.33	21.48	21.47
		Inner_Full	22.00	21.60	21.55	21.72
		Inner_1RB_Left	20.50	20.46	20.33	20.28
		Inner_1RB_Right	21.50	20.99	20.98	21.39
	CP-OFDM QPSK	Edge_1RB_Left	21.50	21.37	21.39	21.20
		Edge_1RB_Right	22.50	21.82	22.08	22.35
		Outer_Full	23.00	22.81	22.94	22.95
		Inner_Full	25.00	24.63	24.68	24.87
		Inner_1RB_Left	24.00	23.35	23.79	23.23
		Inner_1RB_Right	24.50	23.77	24.47	24.20
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	21.59	21.27	21.71
		Edge_1RB_Right	23.00	22.18	22.02	22.77
		Outer_Full	23.50	22.85	23.01	23.04
		Inner_Full	24.50	24.12	24.08	24.32
		Inner_1RB_Left	24.00	22.88	23.41	23.51
		Inner_1RB_Right	24.50	23.41	24.24	24.45
	CP-OFDM 64 QAM	Edge_1RB_Left	21.50	21.42	21.38	21.49
		Edge_1RB_Right	23.00	21.93	22.02	22.58
		Outer_Full	23.00	22.37	22.51	22.53
		Inner_Full	23.00	22.55	22.55	22.74
		Inner_1RB_Left	22.00	21.46	21.61	21.54
		Inner_1RB_Right	23.00	21.90	22.20	22.56
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	19.02	18.88	18.95
		Edge_1RB_Right	20.50	19.47	19.49	20.04
		Outer_Full	20.00	19.52	19.65	19.65
		Inner_Full	20.00	19.71	19.70	19.90
		Inner_1RB_Left	19.50	19.03	18.87	18.96
		Inner_1RB_Right	20.50	19.46	19.47	20.04

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	19.00	18.59	17.80	16.25
		Edge_1RB_Right	19.00	18.53	17.68	16.19
		Outer_Full	19.00	18.57	17.81	16.79
		Inner_Full	20.00	19.69	19.12	17.92
		Inner_1RB_Left	20.00	19.60	18.60	17.20
		Inner_1RB_Right	20.00	19.57	18.50	17.17
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	18.00	17.81	16.83	14.91
		Edge_1RB_Right	18.00	17.76	16.68	15.21
		Outer_Full	18.00	17.71	17.20	15.92
		Inner_Full	19.00	18.76	18.16	16.94
		Inner_1RB_Left	19.00	18.66	17.74	16.32
		Inner_1RB_Right	19.00	18.75	17.66	16.27
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.50	17.45	16.38	15.23
		Edge_1RB_Right	18.00	17.61	16.31	15.12
		Outer_Full	17.50	17.24	16.78	15.50
		Inner_Full	17.50	17.23	16.72	15.57
		Inner_1RB_Left	18.00	17.51	16.35	15.22
		Inner_1RB_Right	17.50	17.38	16.35	15.22
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.20	14.92	13.52
		Edge_1RB_Right	15.50	15.12	14.64	13.49
		Outer_Full	15.50	15.24	14.61	13.21
		Inner_Full	15.50	15.27	14.61	13.37
		Inner_1RB_Left	15.50	15.24	14.89	13.57
		Inner_1RB_Right	15.50	15.16	14.75	13.43
	CP-OFDM QPSK	Edge_1RB_Left	17.00	16.82	15.83	14.48
		Edge_1RB_Right	17.00	16.85	15.65	14.40
		Outer_Full	17.00	16.67	16.08	14.81
		Inner_Full	18.50	18.13	17.63	16.37
		Inner_1RB_Left	18.50	18.37	17.28	16.11
		Inner_1RB_Right	18.50	18.26	17.10	15.92
	CP-OFDM 16 QAM	Edge_1RB_Left	17.00	16.83	15.68	14.37
		Edge_1RB_Right	17.00	16.75	15.56	14.36
		Outer_Full	17.00	16.64	16.10	15.04
		Inner_Full	18.00	17.71	17.06	15.91
		Inner_1RB_Left	18.00	17.92	16.64	15.40
		Inner_1RB_Right	18.00	17.89	16.49	15.32
	CP-OFDM 64 QAM	Edge_1RB_Left	16.50	16.29	15.23	14.03
		Edge_1RB_Right	16.50	16.33	15.11	14.02
		Outer_Full	16.50	16.12	15.58	14.43
		Inner_Full	16.50	16.17	15.58	14.46
		Inner_1RB_Left	16.50	16.29	15.24	14.05
		Inner_1RB_Right	16.50	16.28	15.10	13.97
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.09	12.65	11.43
		Edge_1RB_Right	13.50	13.01	12.55	11.50
		Outer_Full	13.50	13.01	12.47	11.39
		Inner_Full	13.50	13.05	12.45	11.35
		Inner_1RB_Left	13.00	12.98	12.71	11.44
		Inner_1RB_Right	13.50	13.01	12.52	11.50

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	18.50	18.09	17.61	16.42
		Edge_1RB_Right	18.00	17.99	17.44	16.04
		Outer_Full	18.50	18.37	17.72	16.89
		Inner_Full	20.00	19.56	19.01	17.89
		Inner_1RB_Left	19.00	18.93	18.43	17.43
		Inner_1RB_Right	19.00	18.90	18.21	17.10
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.23	16.57	15.40
		Edge_1RB_Right	17.50	17.15	16.37	15.13
		Outer_Full	18.00	17.67	17.10	15.92
		Inner_Full	19.00	18.59	17.96	16.79
		Inner_1RB_Left	18.50	18.27	17.65	16.31
		Inner_1RB_Right	18.50	18.11	17.37	16.06
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.73	16.21	15.07
		Edge_1RB_Right	17.00	16.82	16.13	14.86
		Outer_Full	17.50	17.08	16.56	15.25
		Inner_Full	17.50	17.17	16.58	15.34
		Inner_1RB_Left	17.00	16.76	16.19	15.03
		Inner_1RB_Right	17.00	16.83	16.20	14.88
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.41	14.73	13.54
		Edge_1RB_Right	15.50	15.09	14.64	13.16
		Outer_Full	15.50	15.14	14.53	13.21
		Inner_Full	15.50	15.16	14.56	13.23
		Inner_1RB_Left	15.50	15.37	14.85	13.40
		Inner_1RB_Right	15.50	15.19	14.60	13.19
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.30	15.62	14.46
		Edge_1RB_Right	16.50	16.22	15.42	14.20
		Outer_Full	17.00	16.57	15.99	14.54
		Inner_Full	18.50	18.21	17.45	16.13
		Inner_1RB_Left	18.00	17.75	17.14	15.90
		Inner_1RB_Right	18.00	17.67	16.94	15.68
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.23	15.51	14.31
		Edge_1RB_Right	16.50	16.12	15.29	14.11
		Outer_Full	17.00	16.59	15.88	14.61
		Inner_Full	18.00	17.62	16.91	15.68
		Inner_1RB_Left	17.50	17.20	16.49	15.32
		Inner_1RB_Right	17.50	17.08	16.27	15.11
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.79	15.10	13.94
		Edge_1RB_Right	16.00	15.78	14.84	13.62
		Outer_Full	16.50	16.12	15.36	14.06
		Inner_Full	16.50	16.16	15.40	14.17
		Inner_1RB_Left	16.00	15.77	15.10	13.88
		Inner_1RB_Right	16.00	15.68	14.87	13.62
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.32	12.52	11.44
		Edge_1RB_Right	13.50	13.23	12.43	11.28
		Outer_Full	13.50	13.04	12.30	11.00
		Inner_Full	13.50	13.08	12.38	11.04
		Inner_1RB_Left	13.50	13.23	12.71	11.35
		Inner_1RB_Right	13.50	13.32	12.36	11.22

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	18.50	18.17	17.91	16.67
		Edge_1RB_Right	18.50	18.07	17.46	16.28
		Outer_Full	19.00	18.56	18.09	17.00
		Inner_Full	20.00	19.68	19.21	18.34
		Inner_1RB_Left	19.50	19.05	18.70	17.67
		Inner_1RB_Right	19.00	18.84	18.32	17.22
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.30	17.01	15.90
		Edge_1RB_Right	17.50	17.20	16.49	15.63
		Outer_Full	18.00	17.74	17.20	16.25
		Inner_Full	19.00	18.72	18.19	17.21
		Inner_1RB_Left	18.50	18.25	17.99	16.77
		Inner_1RB_Right	18.50	18.10	17.63	16.43
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.90	16.56	15.33
		Edge_1RB_Right	17.00	16.86	16.34	15.06
		Outer_Full	17.50	17.25	16.73	15.73
		Inner_Full	17.50	17.28	16.74	15.58
		Inner_1RB_Left	17.00	16.86	16.49	15.29
		Inner_1RB_Right	17.00	16.73	16.22	15.07
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.47	14.90	13.81
		Edge_1RB_Right	15.50	15.11	14.40	13.36
		Outer_Full	15.50	15.21	14.66	13.55
		Inner_Full	15.50	15.26	14.60	13.50
		Inner_1RB_Left	15.50	15.46	15.01	13.74
		Inner_1RB_Right	15.50	15.33	14.43	13.49
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.41	15.83	14.76
		Edge_1RB_Right	16.50	16.09	15.56	14.34
		Outer_Full	17.00	16.67	16.05	14.97
		Inner_Full	18.50	18.33	17.70	16.48
		Inner_1RB_Left	18.00	17.96	17.34	16.33
		Inner_1RB_Right	18.00	17.63	16.87	15.83
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.16	15.82	14.67
		Edge_1RB_Right	16.50	16.02	15.35	14.22
		Outer_Full	17.00	16.63	16.08	14.93
		Inner_Full	18.00	17.80	17.19	16.11
		Inner_1RB_Left	17.50	17.23	16.84	15.68
		Inner_1RB_Right	17.00	16.98	16.25	15.15
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.81	15.42	14.26
		Edge_1RB_Right	16.00	15.71	14.95	13.88
		Outer_Full	16.50	16.16	15.51	14.40
		Inner_Full	16.50	16.35	15.66	14.55
		Inner_1RB_Left	16.00	15.83	15.58	14.33
		Inner_1RB_Right	16.00	15.65	14.87	13.83
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.35	12.93	11.78
		Edge_1RB_Right	13.50	13.29	12.37	11.45
		Outer_Full	13.50	13.13	12.55	11.43
		Inner_Full	13.50	13.16	12.57	11.50
		Inner_1RB_Left	13.50	13.23	12.88	11.76
		Inner_1RB_Right	13.50	13.13	12.32	11.26

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	18.50	18.20	17.73	16.82
		Edge_1RB_Right	18.00	17.92	17.07	16.22
		Outer_Full	19.00	18.53	18.00	17.11
		Inner_Full	20.00	19.67	19.00	18.33
		Inner_1RB_Left	19.50	19.06	18.58	17.90
		Inner_1RB_Right	19.00	18.79	18.08	17.25
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.25	16.82	15.75
		Edge_1RB_Right	17.50	17.04	16.31	15.14
		Outer_Full	18.00	17.72	16.99	16.27
		Inner_Full	19.00	18.75	18.03	17.01
		Inner_1RB_Left	18.50	18.22	17.78	16.62
		Inner_1RB_Right	18.50	18.08	17.10	16.05
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.88	16.32	15.30
		Edge_1RB_Right	17.00	16.64	15.96	14.83
		Outer_Full	17.50	17.21	16.46	15.41
		Inner_Full	17.50	17.26	16.68	15.48
		Inner_1RB_Left	17.00	16.87	16.34	15.35
		Inner_1RB_Right	17.00	16.65	16.02	14.82
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.36	15.02	13.95
		Edge_1RB_Right	15.50	15.16	14.34	13.19
		Outer_Full	15.50	15.17	14.47	13.22
		Inner_Full	15.50	15.34	14.64	13.47
		Inner_1RB_Left	15.50	15.36	15.05	13.77
		Inner_1RB_Right	15.50	15.16	14.36	13.21
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.32	15.85	14.85
		Edge_1RB_Right	16.50	16.17	15.42	14.31
		Outer_Full	17.00	16.60	15.93	14.83
		Inner_Full	18.50	18.32	17.62	16.43
		Inner_1RB_Left	18.00	17.77	17.37	16.39
		Inner_1RB_Right	18.00	17.61	16.81	15.73
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.27	15.77	14.79
		Edge_1RB_Right	16.50	16.17	15.29	14.21
		Outer_Full	17.00	16.57	15.87	14.87
		Inner_Full	18.00	17.90	17.14	16.11
		Inner_1RB_Left	17.50	17.23	16.80	15.73
		Inner_1RB_Right	17.00	16.97	16.13	15.06
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.79	15.30	14.32
		Edge_1RB_Right	16.00	15.66	14.81	13.81
		Outer_Full	16.50	16.13	15.44	14.38
		Inner_Full	16.50	16.31	15.62	14.51
		Inner_1RB_Left	16.00	15.82	15.37	14.39
		Inner_1RB_Right	16.00	15.60	14.82	13.69
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.23	12.93	11.91
		Edge_1RB_Right	13.50	13.07	12.42	11.35
		Outer_Full	13.50	13.08	12.34	11.37
		Inner_Full	13.50	13.22	12.53	11.48
		Inner_1RB_Left	13.50	13.21	13.05	11.87
		Inner_1RB_Right	13.50	13.20	12.34	11.11

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	18.50	18.01	17.80	17.17
		Edge_1RB_Right	18.00	17.65	17.02	16.56
		Outer_Full	18.50	18.34	17.95	17.10
		Inner_Full	20.00	19.61	19.13	17.89
		Inner_1RB_Left	19.00	18.93	18.59	18.07
		Inner_1RB_Right	19.00	18.59	18.12	17.19
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.09	16.97	16.08
		Edge_1RB_Right	17.00	16.81	16.27	15.43
		Outer_Full	18.00	17.67	17.11	16.01
		Inner_Full	19.00	18.69	18.05	16.68
		Inner_1RB_Left	18.50	18.13	17.91	16.49
		Inner_1RB_Right	18.00	17.83	17.16	15.82
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.66	16.40	15.80
		Edge_1RB_Right	16.50	16.35	15.85	15.44
		Outer_Full	17.50	17.17	16.46	15.24
		Inner_Full	17.50	17.25	16.63	15.79
		Inner_1RB_Left	17.00	16.74	16.31	16.00
		Inner_1RB_Right	16.50	16.37	15.68	15.52
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.14	14.72	13.93
		Edge_1RB_Right	15.00	14.73	13.91	13.30
		Outer_Full	15.50	15.16	14.42	13.68
		Inner_Full	15.50	15.17	14.23	13.65
		Inner_1RB_Left	15.50	15.16	14.74	14.04
		Inner_1RB_Right	15.00	14.76	13.94	13.43
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.15	16.26	15.42
		Edge_1RB_Right	16.00	15.74	15.60	14.57
		Outer_Full	17.00	16.57	15.67	15.18
		Inner_Full	18.50	18.03	17.43	16.27
		Inner_1RB_Left	18.00	17.61	17.72	16.58
		Inner_1RB_Right	17.50	17.32	17.16	15.58
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.04	16.10	14.91
		Edge_1RB_Right	16.00	15.54	15.48	14.28
		Outer_Full	17.00	16.53	15.75	14.72
		Inner_Full	18.00	17.61	16.96	15.75
		Inner_1RB_Left	17.50	17.03	17.14	15.92
		Inner_1RB_Right	17.00	16.78	16.43	15.30
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.67	15.65	14.50
		Edge_1RB_Right	15.50	15.25	14.99	13.77
		Outer_Full	16.50	16.01	15.28	14.20
		Inner_Full	16.50	16.13	15.43	14.31
		Inner_1RB_Left	16.00	15.61	15.64	14.50
		Inner_1RB_Right	15.50	15.31	15.05	13.78
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.04	12.76	11.42
		Edge_1RB_Right	13.00	12.76	11.99	10.84
		Outer_Full	13.50	13.02	12.23	11.20
		Inner_Full	13.50	13.11	12.36	11.30
		Inner_1RB_Left	13.50	13.08	12.73	11.42
		Inner_1RB_Right	13.00	12.92	12.19	10.91

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	18.50	18.02	17.89	17.04
		Edge_1RB_Right	18.00	17.61	17.16	16.30
		Outer_Full	18.50	18.25	17.51	17.11
		Inner_Full	19.50	19.29	18.63	17.66
		Inner_1RB_Left	19.00	18.97	18.86	18.10
		Inner_1RB_Right	19.00	18.59	18.01	17.09
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.24	16.96	15.89
		Edge_1RB_Right	17.00	16.83	16.31	15.19
		Outer_Full	17.50	17.33	16.52	15.87
		Inner_Full	18.50	18.33	17.80	16.79
		Inner_1RB_Left	18.50	18.20	17.83	16.78
		Inner_1RB_Right	18.00	17.62	17.17	16.00
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.83	16.54	15.66
		Edge_1RB_Right	16.50	16.27	15.95	14.83
		Outer_Full	17.00	16.87	16.19	15.48
		Inner_Full	17.00	16.92	16.48	15.39
		Inner_1RB_Left	17.00	16.83	16.59	15.54
		Inner_1RB_Right	16.50	16.30	15.93	14.84
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.80	14.34	13.42
		Edge_1RB_Right	14.50	14.48	13.72	12.63
		Outer_Full	15.00	14.87	14.21	13.50
		Inner_Full	15.00	14.89	14.11	13.25
		Inner_1RB_Left	15.00	14.87	14.40	13.46
		Inner_1RB_Right	14.50	14.39	13.73	12.73
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.43	15.92	14.97
		Edge_1RB_Right	16.00	15.83	15.40	14.33
		Outer_Full	16.50	16.27	15.43	14.92
		Inner_Full	18.00	17.77	17.29	16.86
		Inner_1RB_Left	18.00	17.65	17.47	16.93
		Inner_1RB_Right	17.50	17.23	16.86	16.08
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.16	16.09	15.36
		Edge_1RB_Right	16.00	15.76	15.45	14.65
		Outer_Full	16.50	16.19	15.56	15.48
		Inner_Full	17.50	17.24	16.89	16.30
		Inner_1RB_Left	17.50	17.22	17.08	16.43
		Inner_1RB_Right	17.00	16.71	16.41	15.65
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.68	15.59	14.91
		Edge_1RB_Right	15.50	15.28	15.01	14.23
		Outer_Full	16.00	15.73	15.22	14.95
		Inner_Full	16.00	15.82	15.47	14.75
		Inner_1RB_Left	16.00	15.75	15.60	15.03
		Inner_1RB_Right	15.50	15.25	14.98	14.00
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.82	12.54	11.83
		Edge_1RB_Right	12.50	12.37	11.87	11.19
		Outer_Full	13.00	12.68	12.17	11.78
		Inner_Full	13.00	12.77	12.13	11.81
		Inner_1RB_Left	13.00	12.81	12.42	11.85
		Inner_1RB_Right	12.50	12.40	11.81	11.14

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		345500	349000	352500
				1727.5MHz	1745.0MHz	1762.5MHz
35MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	18.00	17.82	17.82	17.34
		Edge_1RB_Right	17.50	17.25	16.73	16.38
		Outer_Full	18.50	18.30	17.45	17.53
		Inner_Full	19.50	19.26	18.72	18.62
		Inner_1RB_Left	19.00	18.88	18.37	18.12
		Inner_1RB_Right	18.50	18.22	17.57	17.23
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.09	16.97	16.22
		Edge_1RB_Right	16.50	16.38	16.11	15.27
		Outer_Full	17.50	17.35	16.56	16.85
		Inner_Full	18.50	18.17	17.70	17.36
		Inner_1RB_Left	18.00	17.93	17.80	17.25
		Inner_1RB_Right	17.50	17.30	16.93	16.21
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.60	16.02	16.03
		Edge_1RB_Right	16.50	16.01	15.18	15.17
		Outer_Full	17.00	16.87	16.19	16.11
		Inner_Full	17.00	16.85	15.81	15.97
		Inner_1RB_Left	17.00	16.60	16.04	16.11
		Inner_1RB_Right	16.00	16.00	15.19	15.13
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.65	14.10	13.86
		Edge_1RB_Right	14.50	14.00	13.12	13.12
		Outer_Full	15.00	14.89	13.58	14.16
		Inner_Full	15.00	14.85	13.89	14.11
		Inner_1RB_Left	15.00	14.78	14.14	13.97
		Inner_1RB_Right	14.50	14.06	13.22	13.02
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.15	15.62	15.50
		Edge_1RB_Right	16.00	15.61	14.75	14.61
		Outer_Full	16.50	16.28	15.07	15.54
		Inner_Full	18.00	17.65	16.94	17.10
		Inner_1RB_Left	18.00	17.71	17.15	17.18
		Inner_1RB_Right	17.50	17.05	16.38	16.25
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.06	16.01	15.50
		Edge_1RB_Right	15.50	15.38	15.08	14.65
		Outer_Full	16.50	16.28	15.15	15.75
		Inner_Full	17.50	17.19	16.32	16.53
		Inner_1RB_Left	17.50	17.09	17.04	16.53
		Inner_1RB_Right	16.50	16.49	16.18	15.73
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.60	14.98	15.13
		Edge_1RB_Right	15.00	14.96	14.13	14.19
		Outer_Full	16.00	15.76	14.57	15.19
		Inner_Full	16.00	15.78	14.82	15.07
		Inner_1RB_Left	16.00	15.61	15.01	15.12
		Inner_1RB_Right	15.50	15.05	14.27	14.26
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.57	12.69	11.87
		Edge_1RB_Right	12.00	11.96	11.85	10.98
		Outer_Full	13.00	12.73	11.50	12.13
		Inner_Full	13.00	12.66	12.38	11.78
		Inner_1RB_Left	13.00	12.56	12.77	11.92
		Inner_1RB_Right	12.50	12.01	12.05	11.02

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		346000	349000	352000
				1730.0MHz	1745.0MHz	1760.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	17.50	17.20	17.09	17.25
		Edge_1RB_Right	17.50	17.02	16.43	16.08
		Outer_Full	18.00	17.65	17.47	17.40
		Inner_Full	19.50	19.32	18.79	18.77
		Inner_1RB_Left	19.00	18.83	18.54	17.94
	Inner_1RB_Right	18.50	18.08	17.26	17.09	
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.13	17.08	16.14
		Edge_1RB_Right	16.50	16.28	16.06	14.95
		Outer_Full	18.00	17.54	16.60	16.90
		Inner_Full	18.50	18.34	17.98	17.59
		Inner_1RB_Left	18.00	17.99	17.93	17.10
	Inner_1RB_Right	17.50	17.19	16.98	15.86	
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.67	16.63	16.09
		Edge_1RB_Right	16.00	15.90	15.52	15.16
		Outer_Full	17.50	17.02	16.21	16.23
		Inner_Full	17.00	16.93	16.41	16.42
		Inner_1RB_Left	17.00	16.65	16.69	16.15
	Inner_1RB_Right	16.00	15.89	15.51	15.27	
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.69	14.70	14.28
		Edge_1RB_Right	14.00	13.83	13.76	13.36
		Outer_Full	15.50	15.01	14.06	14.36
		Inner_Full	15.00	14.92	14.57	14.35
		Inner_1RB_Left	15.00	14.68	14.81	14.32
	Inner_1RB_Right	14.00	13.95	13.83	13.38	
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.17	16.19	15.75
		Edge_1RB_Right	15.50	14.76	15.18	14.92
		Outer_Full	16.50	16.47	15.71	15.86
		Inner_Full	18.00	17.84	17.47	17.34
		Inner_1RB_Left	18.00	17.44	17.64	17.29
	Inner_1RB_Right	17.00	16.83	16.61	16.19	
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.09	15.99	15.73
		Edge_1RB_Right	15.50	15.26	14.95	14.69
		Outer_Full	16.50	16.40	15.56	15.86
		Inner_Full	17.50	17.33	16.90	16.87
		Inner_1RB_Left	17.50	17.10	17.08	16.74
	Inner_1RB_Right	16.50	16.24	15.96	15.70	
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.60	15.53	15.28
		Edge_1RB_Right	15.00	14.83	14.53	14.25
		Outer_Full	16.00	15.93	15.05	15.33
		Inner_Full	16.00	15.84	15.39	15.29
		Inner_1RB_Left	16.00	15.64	15.60	15.29
	Inner_1RB_Right	15.00	14.80	14.48	14.18	
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.57	12.38	12.13
		Edge_1RB_Right	12.00	11.78	11.35	11.21
		Outer_Full	13.00	12.94	12.02	12.29
		Inner_Full	13.00	12.84	12.23	12.25
		Inner_1RB_Left	13.00	12.60	12.45	12.40
	Inner_1RB_Right	12.00	11.79	11.39	11.25	

15K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		346500	349000	351500
				1732.5MHz	1745.0MHz	1757.5MHz
45MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	18.50	18.37	17.85	17.79
		Edge_1RB_Right	17.00	16.77	16.82	16.54
		Outer_Full	18.50	18.20	17.08	17.45
		Inner_Full	19.50	19.35	18.90	18.83
		Inner_1RB_Left	19.00	18.61	18.77	18.28
	DFT-s-OFDM 16 QAM	Inner_1RB_Right	18.50	18.38	17.52	17.03
		Edge_1RB_Left	18.00	17.52	16.89	16.61
		Edge_1RB_Right	17.00	16.77	15.69	15.33
		Outer_Full	17.50	17.42	16.82	16.76
		Inner_Full	18.50	18.35	18.05	17.68
	DFT-s-OFDM 64 QAM	Inner_1RB_Left	18.50	18.47	17.91	17.60
		Inner_1RB_Right	18.00	17.55	16.97	16.17
		Edge_1RB_Left	17.50	17.11	17.33	16.19
		Edge_1RB_Right	16.50	16.37	15.78	15.34
		Outer_Full	17.00	16.97	16.47	16.33
	DFT-s-OFDM 256 QAM	Inner_Full	17.00	16.89	16.58	16.39
		Inner_1RB_Left	17.50	17.12	16.68	16.23
		Inner_1RB_Right	16.50	16.32	15.47	15.19
		Edge_1RB_Left	15.50	15.22	15.15	14.68
		Edge_1RB_Right	14.50	14.28	13.78	13.76
	CP-OFDM QPSK	Outer_Full	15.50	15.02	14.49	14.31
		Inner_Full	15.50	15.01	14.58	14.49
		Inner_1RB_Left	15.50	15.13	14.98	14.78
		Inner_1RB_Right	14.50	14.37	13.94	13.50
		Edge_1RB_Left	17.00	16.58	16.59	16.19
	CP-OFDM 16 QAM	Edge_1RB_Right	16.00	15.77	15.48	14.88
		Outer_Full	16.50	16.44	15.91	15.76
		Inner_Full	18.00	17.93	17.65	17.37
		Inner_1RB_Left	18.50	18.13	18.14	17.57
		Inner_1RB_Right	17.50	17.33	16.99	16.10
	CP-OFDM 16 QAM	Edge_1RB_Left	17.00	16.52	16.54	16.13
		Edge_1RB_Right	16.00	15.75	15.40	15.02
		Outer_Full	16.50	16.46	15.93	15.74
		Inner_Full	17.50	17.41	17.07	16.88
		Inner_1RB_Left	18.00	17.53	17.50	17.14
	CP-OFDM 64 QAM	Inner_1RB_Right	17.00	16.73	16.46	15.95
		Edge_1RB_Left	16.50	16.06	15.91	15.66
		Edge_1RB_Right	15.50	15.22	14.74	14.50
		Outer_Full	16.00	15.97	15.40	15.19
		Inner_Full	16.00	15.96	15.46	15.35
	CP-OFDM 256 QAM	Inner_1RB_Left	16.50	16.07	15.97	15.70
		Inner_1RB_Right	15.50	15.25	14.71	14.45
		Edge_1RB_Left	13.50	13.08	13.05	12.76
		Edge_1RB_Right	12.50	12.21	11.81	11.42
		Outer_Full	13.00	12.93	12.26	12.16
	CP-OFDM 256 QAM	Inner_Full	13.00	12.87	12.42	12.29
		Inner_1RB_Left	13.50	13.08	12.95	12.68
		Inner_1RB_Right	12.50	12.28	11.86	11.47

30K_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	19.00	18.52	17.98	16.79
		Edge_1RB_Right	19.00	18.55	17.83	16.60
		Outer_Full	19.00	18.52	17.93	16.67
		Inner_Full	20.00	19.60	19.00	17.82
		Inner_1RB_Left	20.00	19.56	19.00	17.74
		Inner_1RB_Right	19.50	19.41	18.81	17.50
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	18.00	17.86	17.02	15.93
		Edge_1RB_Right	18.00	17.91	16.73	15.71
		Outer_Full	18.00	17.72	17.08	15.83
		Inner_Full	19.00	18.71	17.91	16.80
		Inner_1RB_Left	19.00	18.86	17.87	16.72
		Inner_1RB_Right	19.00	18.69	17.58	16.48
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	18.00	17.57	16.49	15.95
		Edge_1RB_Right	18.00	17.77	16.56	16.05
		Outer_Full	17.50	17.24	16.45	15.39
		Inner_Full	17.50	17.35	16.40	15.62
		Inner_1RB_Left	18.00	17.59	16.55	16.07
		Inner_1RB_Right	18.00	17.72	16.40	16.09
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.33	14.44	13.36
		Edge_1RB_Right	15.50	15.27	14.12	13.21
		Outer_Full	15.50	15.21	14.29	13.35
		Inner_Full	15.50	15.33	14.51	13.49
		Inner_1RB_Left	15.50	15.17	14.26	13.49
		Inner_1RB_Right	15.50	15.19	14.18	13.19
	CP-OFDM QPSK	Edge_1RB_Left	17.00	16.79	16.07	15.08
		Edge_1RB_Right	17.00	16.62	15.86	14.82
		Outer_Full	17.00	16.68	15.87	14.76
		Inner_Full	18.50	18.24	17.54	16.79
		Inner_1RB_Left	18.50	18.25	17.57	16.39
		Inner_1RB_Right	18.50	18.08	17.39	16.08
	CP-OFDM 16 QAM	Edge_1RB_Left	17.00	16.64	15.98	15.06
		Edge_1RB_Right	16.50	16.31	15.53	14.75
		Outer_Full	17.00	16.61	15.86	15.00
		Inner_Full	18.00	17.64	16.83	16.13
		Inner_1RB_Left	17.50	17.46	16.89	15.89
		Inner_1RB_Right	17.50	17.37	16.44	15.79
	CP-OFDM 64 QAM	Edge_1RB_Left	17.00	16.53	15.83	14.90
		Edge_1RB_Right	16.50	16.44	15.60	14.56
		Outer_Full	16.50	16.18	15.38	14.57
		Inner_Full	16.50	16.13	15.41	14.55
		Inner_1RB_Left	16.50	16.40	15.64	14.84
		Inner_1RB_Right	16.50	16.31	15.50	14.54
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.19	12.47	11.59
		Edge_1RB_Right	13.00	12.91	12.11	11.32
		Outer_Full	13.50	13.12	12.32	11.42
		Inner_Full	13.50	13.22	12.47	11.65
		Inner_1RB_Left	13.50	13.02	12.34	11.60
		Inner_1RB_Right	13.00	13.00	12.07	11.34

30K_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	18.50	18.35	18.04	16.91
		Edge_1RB_Right	18.50	18.37	17.66	16.44
		Outer_Full	18.50	18.38	17.81	16.77
		Inner_Full	20.00	19.63	18.88	18.02
		Inner_1RB_Left	19.50	19.43	18.97	17.43
		Inner_1RB_Right	19.50	19.34	18.53	16.96
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	18.00	17.77	17.03	15.86
		Edge_1RB_Right	18.00	17.53	16.53	15.32
		Outer_Full	18.00	17.69	16.89	16.02
		Inner_Full	19.00	18.50	17.86	16.99
		Inner_1RB_Left	18.50	18.46	17.83	16.73
		Inner_1RB_Right	18.50	18.47	17.39	16.31
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	18.00	17.54	16.76	15.48
		Edge_1RB_Right	18.00	17.51	16.38	15.36
		Outer_Full	17.50	17.10	16.40	15.56
		Inner_Full	17.50	17.12	16.43	15.57
		Inner_1RB_Left	18.00	17.57	16.76	15.65
		Inner_1RB_Right	18.00	17.61	16.51	15.48
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.50	15.08	14.64	13.58
		Edge_1RB_Right	15.00	14.94	14.20	13.27
		Outer_Full	15.50	15.04	14.39	13.47
		Inner_Full	15.50	15.09	14.43	13.56
		Inner_1RB_Left	15.50	15.14	14.51	13.65
		Inner_1RB_Right	15.50	15.00	14.16	13.24
	CP-OFDM QPSK	Edge_1RB_Left	17.00	16.67	16.09	15.27
		Edge_1RB_Right	16.50	16.47	15.74	14.88
		Outer_Full	17.00	16.51	15.90	14.95
		Inner_Full	18.50	18.02	17.40	16.26
		Inner_1RB_Left	18.50	18.15	17.61	16.62
		Inner_1RB_Right	18.00	17.95	17.24	16.14
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.38	16.02	15.07
		Edge_1RB_Right	16.50	16.29	15.54	14.64
		Outer_Full	17.00	16.51	15.91	14.94
		Inner_Full	18.00	17.65	16.95	15.94
		Inner_1RB_Left	17.50	17.40	16.96	15.89
		Inner_1RB_Right	17.50	17.34	16.45	15.35
	CP-OFDM 64 QAM	Edge_1RB_Left	16.50	16.34	15.92	14.97
		Edge_1RB_Right	16.50	16.34	15.37	14.49
		Outer_Full	16.00	15.98	15.38	14.33
		Inner_Full	16.50	16.10	15.45	14.49
		Inner_1RB_Left	16.50	16.42	15.84	14.82
		Inner_1RB_Right	16.50	16.30	15.51	14.41
	CP-OFDM 256 QAM	Edge_1RB_Left	13.50	13.04	12.54	11.49
		Edge_1RB_Right	13.00	12.94	12.00	11.16
		Outer_Full	13.00	12.91	12.28	11.33
		Inner_Full	13.50	13.00	12.33	11.30
		Inner_1RB_Left	13.00	12.98	12.51	11.53
		Inner_1RB_Right	13.00	12.78	11.96	11.14

30K_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	18.50	18.25	18.05	17.15
		Edge_1RB_Right	18.50	18.02	17.49	16.56
		Outer_Full	18.50	18.29	17.68	16.86
		Inner_Full	19.50	19.41	18.84	18.06
		Inner_1RB_Left	19.50	19.26	18.91	18.11
		Inner_1RB_Right	19.50	19.10	18.55	17.53
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	18.00	17.54	16.89	16.38
		Edge_1RB_Right	17.50	17.24	16.44	15.77
		Outer_Full	17.50	17.35	16.86	16.09
		Inner_Full	18.50	18.43	17.91	17.11
		Inner_1RB_Left	18.50	18.29	17.90	17.27
		Inner_1RB_Right	18.50	18.09	17.40	16.62
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.50	17.36	16.57	16.09
		Edge_1RB_Right	17.50	17.23	16.37	15.61
		Outer_Full	17.00	16.95	16.29	15.63
		Inner_Full	17.50	17.11	16.42	15.70
		Inner_1RB_Left	17.50	17.34	16.60	15.99
		Inner_1RB_Right	17.50	17.17	16.23	15.65
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.82	14.57	13.90
		Edge_1RB_Right	15.00	14.71	14.11	13.24
		Outer_Full	15.00	14.92	14.33	13.66
		Inner_Full	15.50	15.04	14.42	13.60
		Inner_1RB_Left	15.00	14.77	14.63	13.91
		Inner_1RB_Right	15.00	14.74	14.11	13.35
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.49	16.16	15.42
		Edge_1RB_Right	16.50	16.20	15.69	14.74
		Outer_Full	16.50	16.34	15.79	15.09
		Inner_Full	18.00	17.96	17.47	16.28
		Inner_1RB_Left	18.00	17.90	17.61	16.68
		Inner_1RB_Right	18.00	17.77	17.03	16.03
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.32	15.96	14.62
		Edge_1RB_Right	16.50	16.29	15.49	13.85
		Outer_Full	16.50	16.32	15.78	14.78
		Inner_Full	18.00	17.62	17.00	15.65
		Inner_1RB_Left	17.50	17.31	17.02	15.51
		Inner_1RB_Right	17.50	17.23	16.29	14.92
	CP-OFDM 64 QAM	Edge_1RB_Left	16.50	16.33	15.90	14.79
		Edge_1RB_Right	16.00	15.98	15.23	14.08
		Outer_Full	16.00	15.84	15.24	14.11
		Inner_Full	16.50	16.03	15.38	14.37
		Inner_1RB_Left	16.50	16.15	15.74	14.67
		Inner_1RB_Right	16.50	16.11	15.39	14.18
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.93	12.50	11.64
		Edge_1RB_Right	13.00	12.69	11.94	10.93
		Outer_Full	13.00	12.76	12.12	11.30
		Inner_Full	13.00	12.89	12.36	11.50
		Inner_1RB_Left	13.00	12.90	12.40	11.58
		Inner_1RB_Right	13.00	12.77	11.88	10.97

30K_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	18.50	18.29	17.91	17.13
		Edge_1RB_Right	18.00	17.87	17.24	16.34
		Outer_Full	18.50	18.27	17.68	17.01
		Inner_Full	20.00	19.54	18.83	17.97
		Inner_1RB_Left	19.50	19.15	18.91	18.16
		Inner_1RB_Right	19.00	18.69	18.27	17.43
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.39	16.96	16.08
		Edge_1RB_Right	17.00	16.95	16.38	15.41
		Outer_Full	18.00	17.50	16.78	16.05
		Inner_Full	18.50	18.43	17.83	17.08
		Inner_1RB_Left	18.50	18.24	17.98	17.08
		Inner_1RB_Right	18.00	17.64	17.28	16.19
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.50	17.11	16.76	15.81
		Edge_1RB_Right	17.00	16.65	16.17	15.41
		Outer_Full	17.00	16.99	16.31	15.61
		Inner_Full	17.50	17.04	16.39	15.53
		Inner_1RB_Left	17.50	17.16	16.60	16.16
		Inner_1RB_Right	17.00	16.75	16.08	15.70
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.90	14.66	13.69
		Edge_1RB_Right	14.50	14.45	13.94	12.82
		Outer_Full	15.00	14.88	14.24	13.52
		Inner_Full	15.00	14.99	14.39	13.59
		Inner_1RB_Left	15.00	14.78	14.54	13.57
		Inner_1RB_Right	14.50	14.46	13.86	12.93
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.46	16.11	15.26
		Edge_1RB_Right	16.50	16.05	15.40	14.47
		Outer_Full	16.50	16.36	15.67	15.00
		Inner_Full	18.50	18.00	17.41	16.55
		Inner_1RB_Left	18.00	17.92	17.60	16.76
		Inner_1RB_Right	18.00	17.57	16.95	15.85
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.36	15.90	15.29
		Edge_1RB_Right	16.50	16.04	15.01	14.23
		Outer_Full	16.50	16.38	15.72	15.03
		Inner_Full	17.50	17.48	16.78	16.03
		Inner_1RB_Left	17.50	17.33	16.75	16.05
		Inner_1RB_Right	17.50	17.06	16.14	15.26
	CP-OFDM 64 QAM	Edge_1RB_Left	16.50	16.22	15.84	15.16
		Edge_1RB_Right	16.00	15.89	15.05	14.20
		Outer_Full	16.00	15.90	15.10	14.54
		Inner_Full	16.50	16.08	15.28	14.52
		Inner_1RB_Left	16.50	16.21	15.60	14.91
		Inner_1RB_Right	16.00	15.88	14.98	14.17
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.82	12.51	11.70
		Edge_1RB_Right	13.00	12.51	11.69	10.86
		Outer_Full	13.00	12.90	12.16	11.50
		Inner_Full	13.00	12.98	12.36	11.52
		Inner_1RB_Left	13.00	12.85	12.50	11.65
		Inner_1RB_Right	13.00	12.59	11.80	10.98

30K_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	18.00	17.99	17.82	17.13
		Edge_1RB_Right	18.00	17.62	17.01	16.31
		Outer_Full	18.50	18.26	17.58	17.28
		Inner_Full	19.50	19.37	18.80	18.30
		Inner_1RB_Left	19.50	19.06	18.71	18.36
		Inner_1RB_Right	18.50	18.05	17.65	17.31
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.06	16.93	16.38
		Edge_1RB_Right	17.00	16.59	16.19	15.61
		Outer_Full	17.50	17.36	16.72	16.54
		Inner_Full	18.50	18.41	17.72	17.32
		Inner_1RB_Left	18.00	17.92	17.99	17.25
		Inner_1RB_Right	17.50	17.41	17.10	16.62
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.90	16.68	16.17
		Edge_1RB_Right	16.50	16.20	16.25	15.24
		Outer_Full	17.00	16.89	16.24	16.01
		Inner_Full	17.00	16.99	16.35	15.73
		Inner_1RB_Left	17.00	16.87	16.88	16.10
		Inner_1RB_Right	17.00	16.50	16.20	15.23
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.85	14.44	13.85
		Edge_1RB_Right	14.50	14.39	13.69	12.89
		Outer_Full	15.00	14.90	14.05	13.77
		Inner_Full	15.00	14.92	14.35	13.73
		Inner_1RB_Left	15.00	14.73	14.55	13.85
		Inner_1RB_Right	14.50	14.25	13.55	12.87
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.27	15.94	15.35
		Edge_1RB_Right	16.00	15.70	15.13	14.43
		Outer_Full	16.50	16.35	15.53	15.23
		Inner_Full	18.00	17.94	17.27	16.75
		Inner_1RB_Left	18.00	17.76	17.36	16.81
		Inner_1RB_Right	17.50	17.38	16.71	15.86
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.32	15.66	15.05
		Edge_1RB_Right	16.00	15.86	15.00	14.17
		Outer_Full	16.50	16.34	15.54	15.27
		Inner_Full	17.50	17.48	16.75	16.25
		Inner_1RB_Left	17.50	17.25	16.61	16.14
		Inner_1RB_Right	17.00	16.92	15.98	15.28
	CP-OFDM 64 QAM	Edge_1RB_Left	16.50	16.16	15.10	15.20
		Edge_1RB_Right	16.00	15.62	14.14	14.26
		Outer_Full	16.00	15.88	15.01	14.77
		Inner_Full	16.50	16.02	15.08	14.73
		Inner_1RB_Left	16.50	16.18	15.10	15.05
		Inner_1RB_Right	16.00	15.67	14.41	14.22
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.74	12.47	11.69
		Edge_1RB_Right	12.50	12.21	11.64	10.79
		Outer_Full	13.00	12.80	11.60	11.84
		Inner_Full	13.00	12.87	12.34	11.66
		Inner_1RB_Left	13.00	12.69	12.46	11.65
		Inner_1RB_Right	12.50	12.27	11.79	10.86

30K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		345500	349000	352500
				1727.5MHz	1745.0MHz	1762.5MHz
35MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	18.50	18.04	17.89	17.23
		Edge_1RB_Right	17.50	17.34	16.98	16.27
		Outer_Full	18.50	18.23	17.47	17.43
		Inner_Full	19.50	19.23	18.75	18.28
		Inner_1RB_Left	19.00	18.94	18.88	18.24
		Inner_1RB_Right	18.50	18.36	18.02	17.32
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.08	16.92	15.93
		Edge_1RB_Right	16.50	16.46	15.85	15.09
		Outer_Full	17.50	17.31	16.62	16.55
		Inner_Full	18.50	18.28	17.73	17.24
		Inner_1RB_Left	18.50	18.17	17.81	17.08
		Inner_1RB_Right	18.00	17.56	16.95	16.20
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	17.00	16.69	16.20	15.47
		Edge_1RB_Right	16.50	16.22	15.42	14.59
		Outer_Full	17.00	16.90	16.09	15.94
		Inner_Full	17.00	16.81	16.28	15.88
		Inner_1RB_Left	17.00	16.73	16.43	15.51
		Inner_1RB_Right	16.50	16.25	15.53	14.94
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.69	14.40	13.67
		Edge_1RB_Right	14.50	14.04	13.57	12.87
		Outer_Full	15.00	14.83	13.96	13.91
		Inner_Full	15.00	14.76	14.31	13.66
		Inner_1RB_Left	15.00	14.53	14.47	13.84
		Inner_1RB_Right	14.00	13.97	13.54	12.90
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.02	16.09	15.33
		Edge_1RB_Right	16.00	15.55	15.10	14.45
		Outer_Full	16.50	16.09	15.53	15.34
		Inner_Full	18.00	17.83	17.33	16.84
		Inner_1RB_Left	18.00	17.64	17.50	16.76
		Inner_1RB_Right	17.50	17.15	16.60	15.98
	CP-OFDM 16 QAM	Edge_1RB_Left	16.00	15.90	15.75	14.89
		Edge_1RB_Right	15.50	15.35	14.89	14.18
		Outer_Full	16.50	16.31	15.53	15.39
		Inner_Full	17.50	17.29	16.78	16.29
		Inner_1RB_Left	17.00	16.80	16.86	15.86
		Inner_1RB_Right	16.50	16.31	15.76	15.18
	CP-OFDM 64 QAM	Edge_1RB_Left	16.00	15.78	15.36	14.95
		Edge_1RB_Right	15.00	14.95	14.69	13.80
		Outer_Full	16.00	15.83	14.95	14.89
		Inner_Full	16.00	15.86	15.27	14.82
		Inner_1RB_Left	16.00	15.74	15.28	14.62
		Inner_1RB_Right	15.00	14.93	14.40	13.78
	CP-OFDM 256 QAM	Edge_1RB_Left	13.00	12.42	12.56	11.67
		Edge_1RB_Right	12.00	11.92	11.66	10.84
		Outer_Full	13.00	12.71	11.99	11.90
		Inner_Full	13.00	12.73	12.30	11.79
		Inner_1RB_Left	12.50	12.37	12.34	11.82
		Inner_1RB_Right	12.00	11.97	11.61	10.91

30K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		346000	349000	352000
				1730.0MHz	1745.0MHz	1760.0MHz
40MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	18.00	17.59	17.39	16.83
		Edge_1RB_Right	17.00	16.57	16.24	15.59
		Outer_Full	18.00	17.92	16.98	16.94
		Inner_Full	19.00	18.72	18.24	17.90
		Inner_1RB_Left	19.00	18.53	18.35	17.82
		Inner_1RB_Right	18.00	17.66	17.27	16.76
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.00	16.70	16.37	15.94
		Edge_1RB_Right	16.00	15.73	15.27	14.79
		Outer_Full	17.00	16.95	16.05	16.04
		Inner_Full	18.00	17.74	17.20	16.86
		Inner_1RB_Left	18.00	17.73	17.50	16.94
		Inner_1RB_Right	17.00	16.73	16.33	15.76
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	16.50	16.04	15.79	15.18
		Edge_1RB_Right	15.00	14.97	14.67	14.05
		Outer_Full	16.50	16.48	15.57	15.56
		Inner_Full	16.50	16.34	15.78	15.45
		Inner_1RB_Left	16.50	16.03	15.73	15.15
		Inner_1RB_Right	15.00	14.97	14.69	14.06
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	14.50	14.04	13.93	13.34
		Edge_1RB_Right	13.50	13.09	12.71	12.13
		Outer_Full	14.50	14.36	13.51	13.48
		Inner_Full	14.50	14.35	13.80	13.43
		Inner_1RB_Left	14.50	14.08	13.95	13.31
		Inner_1RB_Right	13.50	13.11	12.77	12.15
	CP-OFDM QPSK	Edge_1RB_Left	16.00	15.63	15.45	14.88
		Edge_1RB_Right	15.00	14.62	14.38	13.59
		Outer_Full	16.00	15.89	14.91	14.93
		Inner_Full	17.50	17.32	16.80	16.42
		Inner_1RB_Left	17.50	17.07	16.83	16.30
		Inner_1RB_Right	16.50	16.04	15.76	15.00
	CP-OFDM 16 QAM	Edge_1RB_Left	16.00	15.77	15.40	15.06
		Edge_1RB_Right	15.00	14.77	14.22	13.84
		Outer_Full	16.00	15.86	14.96	14.96
		Inner_Full	17.00	16.83	16.26	15.92
		Inner_1RB_Left	17.00	16.73	16.38	16.02
		Inner_1RB_Right	16.00	15.75	15.20	14.80
	CP-OFDM 64 QAM	Edge_1RB_Left	15.50	15.03	14.83	14.27
		Edge_1RB_Right	14.00	13.94	13.66	12.99
		Outer_Full	15.50	15.39	14.44	14.41
		Inner_Full	15.50	15.32	14.80	14.42
		Inner_1RB_Left	15.00	14.96	14.83	14.24
		Inner_1RB_Right	14.50	14.00	13.61	12.99
	CP-OFDM 256 QAM	Edge_1RB_Left	12.50	11.98	12.08	11.35
		Edge_1RB_Right	11.50	11.09	10.76	10.09
		Outer_Full	12.50	12.39	11.41	11.46
		Inner_Full	12.50	12.35	11.71	11.42
		Inner_1RB_Left	12.50	11.95	12.02	11.21
		Inner_1RB_Right	11.50	11.10	10.79	10.02

30K_N66			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		346500	349000	351500
				1732.5MHz	1745.0MHz	1757.5MHz
45MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	18.00	17.77	17.68	17.18
		Edge_1RB_Right	17.00	16.72	16.43	15.93
		Outer_Full	18.00	17.77	17.09	16.90
		Inner_Full	19.00	18.71	18.38	18.15
		Inner_1RB_Left	19.00	18.78	18.71	18.19
		Inner_1RB_Right	18.00	17.68	17.51	16.90
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	17.50	17.05	17.02	16.62
		Edge_1RB_Right	16.00	15.98	15.72	15.20
		Outer_Full	17.00	16.89	16.40	16.16
		Inner_Full	18.00	17.77	17.24	17.06
		Inner_1RB_Left	18.00	17.96	17.77	17.35
		Inner_1RB_Right	17.00	16.84	16.40	16.12
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	16.50	16.44	16.35	15.82
		Edge_1RB_Right	15.50	15.34	14.89	14.51
		Outer_Full	16.50	16.36	15.81	15.56
		Inner_Full	16.50	16.38	15.91	15.65
		Inner_1RB_Left	16.50	16.35	16.24	15.78
		Inner_1RB_Right	15.50	15.25	14.96	14.51
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	15.00	14.63	14.56	13.88
		Edge_1RB_Right	14.00	13.58	13.15	12.52
		Outer_Full	14.50	14.34	13.78	13.51
		Inner_Full	14.50	14.37	13.87	13.66
		Inner_1RB_Left	15.00	14.65	14.54	13.88
		Inner_1RB_Right	13.50	13.33	13.20	12.51
	CP-OFDM QPSK	Edge_1RB_Left	16.50	16.01	15.87	15.49
		Edge_1RB_Right	15.00	14.83	14.54	13.96
		Outer_Full	16.00	15.76	15.17	14.93
		Inner_Full	17.50	17.26	16.83	16.57
		Inner_1RB_Left	17.50	17.37	17.19	16.86
		Inner_1RB_Right	16.50	16.30	16.09	15.38
	CP-OFDM 16 QAM	Edge_1RB_Left	16.50	16.12	15.78	15.55
		Edge_1RB_Right	15.00	14.95	14.45	14.17
		Outer_Full	16.00	15.76	15.13	14.98
		Inner_Full	17.00	16.79	16.35	16.01
		Inner_1RB_Left	17.50	17.09	16.94	16.56
		Inner_1RB_Right	16.50	16.05	15.70	15.29
	CP-OFDM 64 QAM	Edge_1RB_Left	15.50	15.38	15.27	14.77
		Edge_1RB_Right	14.50	14.17	13.80	13.36
		Outer_Full	15.50	15.34	14.67	14.47
		Inner_Full	15.50	15.30	14.88	14.55
		Inner_1RB_Left	15.50	15.33	15.13	14.72
		Inner_1RB_Right	14.50	14.31	13.93	13.42
	CP-OFDM 256 QAM	Edge_1RB_Left	12.50	12.44	12.21	11.75
		Edge_1RB_Right	11.50	11.33	10.81	10.33
		Outer_Full	12.50	12.19	11.61	11.41
		Inner_Full	12.50	12.22	11.81	11.47
		Inner_1RB_Left	12.50	12.41	12.29	11.87
		Inner_1RB_Right	11.50	11.41	11.05	10.58

15K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647000	656000	665000
				3705.0MHz	3840.0MHz	3975.0MHz
10MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.56	22.21	19.94
		Edge_1RB_Right	22.50	20.52	22.13	19.93
		Outer_Full	23.50	21.77	23.24	21.05
		Inner_Full	23.50	21.92	23.48	21.29
		Inner_1RB_Left	23.50	21.91	23.37	21.19
		Inner_1RB_Right	23.50	21.78	23.33	21.20
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.28	21.97	19.84
		Edge_1RB_Right	22.00	20.19	21.92	19.86
		Outer_Full	23.00	21.07	22.67	20.44
		Inner_Full	23.50	21.50	23.09	20.83
		Inner_1RB_Left	23.00	21.37	22.96	20.82
		Inner_1RB_Right	23.00	21.22	22.91	20.85
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.33	21.97	19.81
		Edge_1RB_Right	22.00	20.25	21.92	19.83
		Outer_Full	23.00	20.92	22.53	20.25
		Inner_Full	23.00	20.94	22.59	20.26
		Inner_1RB_Left	22.50	20.80	22.36	20.30
		Inner_1RB_Right	22.50	20.67	22.32	20.32
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	19.84	21.59	19.11
		Edge_1RB_Right	22.00	19.75	21.53	19.10
		Outer_Full	22.00	19.89	21.65	19.32
		Inner_Full	22.00	19.93	21.73	19.31
		Inner_1RB_Left	22.00	19.84	21.60	19.11
		Inner_1RB_Right	22.00	19.75	21.54	19.10
	CP-OFDM QPSK	Edge_1RB_Left	22.00	19.95	21.79	19.53
		Edge_1RB_Right	22.00	19.98	21.76	19.59
		Outer_Full	22.00	20.25	21.94	19.59
		Inner_Full	23.00	20.84	22.56	20.26
		Inner_1RB_Left	23.00	20.92	22.62	20.40
		Inner_1RB_Right	23.00	20.79	22.51	20.35
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	19.92	21.63	19.55
		Edge_1RB_Right	22.00	19.89	21.66	19.64
		Outer_Full	22.00	20.14	21.88	19.57
		Inner_Full	22.50	20.71	22.44	20.10
		Inner_1RB_Left	22.50	20.77	22.43	20.24
		Inner_1RB_Right	22.50	20.59	22.32	20.19
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.08	21.85	19.54
		Edge_1RB_Right	22.00	20.04	21.88	19.62
		Outer_Full	22.00	20.00	21.77	19.40
		Inner_Full	22.00	20.05	21.84	19.45
		Inner_1RB_Left	22.00	20.17	21.95	19.64
		Inner_1RB_Right	22.00	20.01	21.85	19.59
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.22	20.26	17.66
		Edge_1RB_Right	20.50	18.24	20.28	17.71
		Outer_Full	20.50	18.24	20.21	17.73
		Inner_Full	20.50	18.28	20.30	17.79
		Inner_1RB_Left	20.50	18.32	20.38	17.77
		Inner_1RB_Right	20.50	18.22	20.27	17.69

15K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		620500	656000	664833
				3707.5MHz	3840.0MHz	3972.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.74	22.29	19.99
		Edge_1RB_Right	22.50	20.68	22.21	20.00
		Outer_Full	23.50	21.85	23.43	21.09
		Inner_Full	24.00	22.00	23.62	21.31
		Inner_1RB_Left	23.50	22.01	23.42	21.18
		Inner_1RB_Right	23.50	21.82	23.37	21.22
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.72	21.93	19.68
		Edge_1RB_Right	22.00	20.54	21.88	19.73
		Outer_Full	23.00	21.22	22.78	20.54
		Inner_Full	23.50	21.59	23.11	20.86
		Inner_1RB_Left	23.00	21.66	22.87	20.70
		Inner_1RB_Right	23.00	21.39	22.81	20.77
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.77	22.21	19.93
		Edge_1RB_Right	22.50	20.59	22.17	19.99
		Outer_Full	23.00	21.05	22.61	20.36
		Inner_Full	23.00	21.04	22.65	20.33
		Inner_1RB_Left	23.00	21.13	22.66	20.36
		Inner_1RB_Right	23.00	20.91	22.61	20.43
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	19.99	21.64	19.27
		Edge_1RB_Right	22.00	19.82	21.58	19.30
		Outer_Full	22.00	20.16	21.82	19.45
		Inner_Full	22.00	20.15	21.84	19.41
		Inner_1RB_Left	22.00	19.99	21.64	19.27
		Inner_1RB_Right	22.00	19.81	21.59	19.30
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.28	21.86	19.56
		Edge_1RB_Right	22.00	20.25	21.80	19.63
		Outer_Full	22.50	20.44	22.04	19.71
		Inner_Full	23.00	20.98	22.60	20.28
		Inner_1RB_Left	23.00	21.24	22.71	20.42
		Inner_1RB_Right	23.00	21.11	22.67	20.46
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.37	21.74	19.41
		Edge_1RB_Right	22.00	20.22	21.74	19.53
		Outer_Full	22.50	20.38	22.02	19.70
		Inner_Full	23.00	20.85	22.50	20.13
		Inner_1RB_Left	22.50	21.11	22.44	20.08
		Inner_1RB_Right	22.50	20.90	22.41	20.16
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.35	21.98	19.59
		Edge_1RB_Right	22.00	20.19	21.97	19.71
		Outer_Full	22.00	20.21	21.88	19.52
		Inner_Full	22.00	20.22	21.94	19.55
		Inner_1RB_Left	22.50	20.45	22.08	19.69
		Inner_1RB_Right	22.50	20.26	22.05	19.77
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.51	20.46	18.06
		Edge_1RB_Right	20.50	18.43	20.44	18.12
		Outer_Full	20.50	18.58	20.40	17.94
		Inner_Full	20.50	18.55	20.42	17.91
		Inner_1RB_Left	21.00	18.63	20.57	18.16
		Inner_1RB_Right	21.00	18.51	20.53	18.20

15K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647334	656000	664666
				3710.01MHz	3840.0MHz	3969.99MHz
20MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.63	22.28	20.03
		Edge_1RB_Right	22.50	20.59	22.16	19.96
		Outer_Full	23.50	21.83	23.44	21.11
		Inner_Full	24.00	21.97	23.59	21.41
		Inner_1RB_Left	23.50	21.96	23.42	21.45
		Inner_1RB_Right	23.50	21.78	23.32	21.24
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.35	21.97	19.80
		Edge_1RB_Right	22.00	20.16	21.89	19.81
		Outer_Full	23.00	21.20	22.81	20.54
		Inner_Full	23.50	21.52	23.17	20.87
		Inner_1RB_Left	23.00	21.40	22.93	20.73
		Inner_1RB_Right	23.00	21.11	22.85	20.76
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.63	22.17	19.74
		Edge_1RB_Right	22.50	20.42	22.08	19.76
		Outer_Full	23.00	21.01	22.63	20.31
		Inner_Full	23.00	21.01	22.67	20.34
		Inner_1RB_Left	23.00	21.14	22.59	20.09
		Inner_1RB_Right	23.00	20.88	22.51	20.11
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	19.90	21.56	19.44
		Edge_1RB_Right	21.50	19.71	21.47	19.41
		Outer_Full	22.00	20.10	21.81	19.41
		Inner_Full	22.00	20.07	21.83	19.42
		Inner_1RB_Left	22.00	19.91	21.57	19.44
		Inner_1RB_Right	21.50	19.73	21.48	19.42
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.13	21.82	19.51
		Edge_1RB_Right	22.00	20.18	21.78	19.57
		Outer_Full	22.50	20.35	22.01	19.67
		Inner_Full	23.00	20.96	22.61	20.28
		Inner_1RB_Left	23.00	21.03	22.62	20.35
		Inner_1RB_Right	23.00	20.97	22.58	20.37
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.07	21.68	19.51
		Edge_1RB_Right	22.00	19.96	21.69	19.62
		Outer_Full	22.00	20.31	21.94	19.65
		Inner_Full	23.00	20.81	22.50	20.11
		Inner_1RB_Left	22.50	20.79	22.37	20.12
		Inner_1RB_Right	22.50	20.60	22.34	20.19
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.28	21.86	19.49
		Edge_1RB_Right	22.00	20.14	21.87	19.61
		Outer_Full	22.00	20.12	21.81	19.45
		Inner_Full	22.00	20.16	21.88	19.53
		Inner_1RB_Left	22.00	20.38	21.96	19.59
		Inner_1RB_Right	22.00	20.21	21.92	19.66
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.48	20.32	17.96
		Edge_1RB_Right	20.50	18.46	20.30	18.01
		Outer_Full	20.50	18.46	20.30	17.86
		Inner_Full	20.50	18.49	20.38	17.87
		Inner_1RB_Left	20.50	18.59	20.43	18.06
		Inner_1RB_Right	20.50	18.52	20.37	18.07

15K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647500	656000	664500
				3712.5MHz	3840.0MHz	3967.5MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.64	22.27	20.12
		Edge_1RB_Right	22.50	20.55	22.06	19.93
		Outer_Full	23.50	21.60	23.24	21.00
		Inner_Full	24.00	21.96	23.65	21.50
		Inner_1RB_Left	23.50	21.95	23.48	21.52
		Inner_1RB_Right	23.50	21.73	23.28	21.22
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.55	22.07	19.89
		Edge_1RB_Right	22.00	20.22	21.90	19.78
		Outer_Full	23.00	21.02	22.64	20.43
		Inner_Full	23.50	21.50	23.17	20.89
		Inner_1RB_Left	23.00	21.52	22.97	20.82
		Inner_1RB_Right	23.00	21.14	22.82	20.74
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.50	22.07	19.84
		Edge_1RB_Right	22.00	20.18	21.89	19.73
		Outer_Full	23.00	20.85	22.50	20.23
		Inner_Full	23.00	21.01	22.69	20.37
		Inner_1RB_Left	22.50	20.88	22.42	20.19
		Inner_1RB_Right	22.50	20.54	22.25	20.09
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.19	21.77	19.54
		Edge_1RB_Right	22.00	19.89	21.57	19.41
		Outer_Full	22.00	19.92	21.64	19.31
		Inner_Full	22.00	20.07	21.83	19.43
		Inner_1RB_Left	22.00	20.19	21.77	19.55
		Inner_1RB_Right	22.00	19.89	21.56	19.41
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.15	21.75	19.60
		Edge_1RB_Right	22.00	20.05	21.57	19.43
		Outer_Full	22.00	20.29	21.95	19.66
		Inner_Full	23.00	20.90	22.55	20.29
		Inner_1RB_Left	23.00	21.08	22.63	20.51
		Inner_1RB_Right	23.00	20.97	22.51	20.40
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.16	21.74	19.56
		Edge_1RB_Right	22.00	19.86	21.59	19.45
		Outer_Full	22.00	20.27	21.88	19.65
		Inner_Full	22.50	20.76	22.47	20.15
		Inner_1RB_Left	22.50	21.04	22.49	20.34
		Inner_1RB_Right	22.50	20.74	22.39	20.28
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.28	21.82	19.63
		Edge_1RB_Right	22.00	19.97	21.67	19.53
		Outer_Full	22.00	20.06	21.74	19.47
		Inner_Full	22.00	20.13	21.85	19.53
		Inner_1RB_Left	22.00	20.38	21.91	19.72
		Inner_1RB_Right	22.00	20.13	21.81	19.67
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.69	20.43	18.12
		Edge_1RB_Right	20.50	18.50	20.24	18.01
		Outer_Full	20.50	18.43	20.23	17.87
		Inner_Full	20.50	18.49	20.33	17.89
		Inner_1RB_Left	21.00	18.80	20.53	18.23
		Inner_1RB_Right	20.50	18.61	20.35	18.11

15K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647670	656000	664335
				3715.0MHz	3840.0MHz	3965.0MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.68	22.24	20.18
		Edge_1RB_Right	22.50	20.68	22.00	19.87
		Outer_Full	23.50	21.73	23.33	21.05
		Inner_Full	24.00	21.98	23.61	21.46
		Inner_1RB_Left	23.50	21.98	23.45	21.45
		Inner_1RB_Right	23.50	21.83	23.28	21.19
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.58	22.03	19.88
		Edge_1RB_Right	22.00	20.33	21.82	19.66
		Outer_Full	23.00	21.15	22.67	20.49
		Inner_Full	23.50	21.52	23.14	20.86
		Inner_1RB_Left	23.00	21.55	22.87	20.81
		Inner_1RB_Right	23.00	21.22	22.72	20.62
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.56	21.97	19.79
		Edge_1RB_Right	22.00	20.31	21.77	19.58
		Outer_Full	23.00	20.94	22.52	20.26
		Inner_Full	23.00	21.01	22.66	20.32
		Inner_1RB_Left	22.50	20.95	22.41	20.25
		Inner_1RB_Right	22.50	20.67	22.21	20.04
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.20	21.60	19.43
		Edge_1RB_Right	21.50	19.98	21.37	19.19
		Outer_Full	22.00	20.04	21.68	19.37
		Inner_Full	22.00	20.09	21.80	19.42
		Inner_1RB_Left	22.00	20.20	21.61	19.44
		Inner_1RB_Right	21.50	19.98	21.38	19.19
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.13	21.75	19.66
		Edge_1RB_Right	21.50	19.97	21.40	19.25
		Outer_Full	22.00	20.32	21.93	19.63
		Inner_Full	23.00	20.94	22.56	15.33
		Inner_1RB_Left	23.00	21.09	22.62	20.51
		Inner_1RB_Right	22.50	20.95	22.37	20.19
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.20	21.69	14.60
		Edge_1RB_Right	21.50	19.83	21.37	14.30
		Outer_Full	22.00	20.31	21.86	14.67
		Inner_Full	22.50	20.75	22.43	15.16
		Inner_1RB_Left	22.50	21.02	22.47	15.33
		Inner_1RB_Right	22.50	20.67	22.23	14.95
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.27	21.64	14.90
		Edge_1RB_Right	21.50	19.90	21.31	14.29
		Outer_Full	22.00	20.07	21.72	14.47
		Inner_Full	22.00	20.15	21.85	14.49
		Inner_1RB_Left	22.00	20.38	21.75	14.71
		Inner_1RB_Right	22.00	20.08	21.50	14.40
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.69	20.25	13.10
		Edge_1RB_Right	20.00	18.43	19.87	12.44
		Outer_Full	20.50	18.45	20.18	12.88
		Inner_Full	20.50	18.50	20.31	12.81
		Inner_1RB_Left	20.50	18.80	20.35	13.13
		Inner_1RB_Right	20.50	18.59	20.04	12.52

15K_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	22.50	14.88	15.23	22.19
		Edge_1RB_Right	21.50	14.79	16.07	21.34
		Outer_Full	24.00	15.83	23.84	21.79
		Inner_Full	23.00	16.36	17.40	22.53
		Inner_1RB_Left	24.00	16.53	16.84	23.96
		Inner_1RB_Right	23.50	16.26	17.41	23.41
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	14.61	15.03	22.30
		Edge_1RB_Right	21.50	14.79	15.99	21.44
		Outer_Full	21.00	15.38	16.31	20.67
		Inner_Full	21.50	15.81	16.75	21.21
		Inner_1RB_Left	23.50	15.58	16.14	23.00
		Inner_1RB_Right	22.50	15.80	16.97	22.28
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	14.42	15.08	22.12
		Edge_1RB_Right	21.50	14.43	15.90	21.21
		Outer_Full	20.50	15.35	16.20	20.12
		Inner_Full	20.50	15.28	16.18	20.22
		Inner_1RB_Left	22.50	14.69	15.51	22.08
		Inner_1RB_Right	21.50	14.87	16.35	21.37
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.50	14.09	14.56	20.32
		Edge_1RB_Right	19.50	14.35	15.19	19.34
		Outer_Full	19.00	14.15	15.05	18.62
		Inner_Full	19.00	14.37	15.33	18.52
		Inner_1RB_Left	20.50	13.96	14.54	20.23
		Inner_1RB_Right	19.50	14.29	15.16	19.38
	CP-OFDM QPSK	Edge_1RB_Left	22.00	14.22	14.80	21.94
		Edge_1RB_Right	21.50	14.34	15.59	21.25
		Outer_Full	20.50	14.58	15.50	20.35
		Inner_Full	21.00	15.33	16.10	20.79
		Inner_1RB_Left	22.50	15.29	15.64	22.10
		Inner_1RB_Right	21.50	15.07	16.36	21.42
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	14.43	15.03	21.80
		Edge_1RB_Right	21.50	14.74	15.77	21.02
		Outer_Full	20.50	14.60	15.57	20.08
		Inner_Full	20.50	15.19	16.29	20.07
		Inner_1RB_Left	22.00	15.25	15.74	21.79
		Inner_1RB_Right	21.00	15.23	16.52	20.98
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	14.23	15.04	21.77
		Edge_1RB_Right	21.00	14.45	15.82	20.94
		Outer_Full	20.00	14.45	15.49	19.55
		Inner_Full	20.00	14.42	15.65	19.77
		Inner_1RB_Left	22.00	13.88	15.42	21.77
		Inner_1RB_Right	21.00	14.36	15.91	20.94
	CP-OFDM 256 QAM	Edge_1RB_Left	19.00	12.49	13.56	18.90
		Edge_1RB_Right	18.00	12.76	14.15	17.95
		Outer_Full	17.00	12.64	13.89	16.83
		Inner_Full	17.00	12.87	14.07	16.82
		Inner_1RB_Left	19.00	12.80	13.59	18.86
		Inner_1RB_Right	18.50	12.63	13.96	18.04

15K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		648334	656000	663666
				3725.0MHz	3840.0MHz	3955.0MHz
50MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	21.50	20.85	21.37	20.82
		Edge_1RB_Right	22.00	21.19	21.76	19.93
		Outer_Full	23.50	22.43	23.12	21.69
		Inner_Full	24.00	23.15	23.76	22.55
		Inner_1RB_Left	24.00	23.00	23.55	22.92
		Inner_1RB_Right	24.50	23.34	24.02	22.18
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	21.00	20.52	20.76	20.80
		Edge_1RB_Right	21.50	21.19	21.26	19.77
		Outer_Full	22.50	21.43	22.19	20.63
		Inner_Full	23.00	21.81	22.80	21.23
		Inner_1RB_Left	22.50	21.39	22.35	22.02
		Inner_1RB_Right	23.00	22.07	22.90	21.18
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.58	21.54	20.38
		Edge_1RB_Right	22.50	21.29	22.05	19.51
		Outer_Full	22.00	20.85	21.65	20.31
		Inner_Full	22.00	20.96	21.69	20.12
		Inner_1RB_Left	22.00	20.61	21.79	20.37
		Inner_1RB_Right	22.50	21.38	22.28	19.59
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	20.00	18.59	19.52	19.31
		Edge_1RB_Right	20.50	19.27	20.03	18.32
		Outer_Full	20.00	19.27	19.92	18.43
		Inner_Full	20.00	19.07	19.94	18.68
		Inner_1RB_Left	20.00	18.72	19.53	19.15
		Inner_1RB_Right	20.50	19.49	20.13	18.50
	CP-OFDM QPSK	Edge_1RB_Left	21.50	20.79	21.18	20.44
		Edge_1RB_Right	23.50	22.40	23.00	21.38
		Outer_Full	21.50	20.36	21.11	20.01
		Inner_Full	22.00	21.24	21.85	20.65
		Inner_1RB_Left	22.00	21.21	21.66	21.29
		Inner_1RB_Right	23.00	22.32	22.97	21.47
	CP-OFDM 16 QAM	Edge_1RB_Left	21.00	20.59	20.72	20.31
		Edge_1RB_Right	22.50	22.09	22.28	20.74
		Outer_Full	21.50	20.31	21.00	19.81
		Inner_Full	21.50	20.67	21.42	19.98
		Inner_1RB_Left	21.00	20.66	20.83	20.38
		Inner_1RB_Right	22.50	22.11	22.28	20.72
	CP-OFDM 64 QAM	Edge_1RB_Left	21.00	19.98	20.53	20.07
		Edge_1RB_Right	22.50	21.58	22.09	20.29
		Outer_Full	21.00	19.88	20.62	19.33
		Inner_Full	21.00	20.18	20.94	19.75
		Inner_1RB_Left	21.00	20.04	20.61	20.47
		Inner_1RB_Right	22.50	21.56	22.09	20.55
	CP-OFDM 256 QAM	Edge_1RB_Left	18.00	16.96	17.81	17.36
		Edge_1RB_Right	19.50	18.74	19.49	17.71
		Outer_Full	18.00	17.02	17.94	16.89
		Inner_Full	18.50	17.07	18.16	16.77
		Inner_1RB_Left	18.00	16.99	17.89	17.45
		Inner_1RB_Right	20.00	18.76	19.51	17.69

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	23.00	20.92	22.57	20.24
		Edge_1RB_Right	22.50	20.83	22.49	20.21
		Outer_Full	24.00	22.15	23.55	21.26
		Inner_Full	24.00	22.24	23.67	21.43
		Inner_1RB_Left	24.00	22.20	23.83	21.42
		Inner_1RB_Right	24.00	22.07	23.70	21.38
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.74	22.32	20.01
		Edge_1RB_Right	22.50	20.64	22.17	20.00
		Outer_Full	23.50	21.52	23.01	20.71
		Inner_Full	23.50	21.81	23.28	20.97
		Inner_1RB_Left	23.50	21.68	23.13	20.89
		Inner_1RB_Right	23.50	21.54	23.08	20.88
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.72	22.31	20.01
		Edge_1RB_Right	22.50	20.62	22.25	19.99
		Outer_Full	23.00	21.36	22.85	20.51
		Inner_Full	23.00	21.28	22.82	20.46
		Inner_1RB_Left	23.00	21.15	22.69	20.35
		Inner_1RB_Right	23.00	21.02	22.60	20.37
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.23	21.86	19.49
		Edge_1RB_Right	22.00	19.91	21.81	19.46
		Outer_Full	22.50	20.43	22.05	19.63
		Inner_Full	22.00	20.35	21.99	19.54
		Inner_1RB_Left	22.00	20.02	21.84	19.48
		Inner_1RB_Right	22.00	19.95	21.83	19.48
	CP-OFDM QPSK	Edge_1RB_Left	22.50	20.31	22.01	19.74
		Edge_1RB_Right	22.50	20.34	22.07	19.80
		Outer_Full	22.50	20.74	22.28	19.91
		Inner_Full	23.00	21.25	22.82	20.51
		Inner_1RB_Left	23.00	21.21	22.77	20.56
		Inner_1RB_Right	23.00	21.09	22.72	20.52
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.36	21.83	19.68
		Edge_1RB_Right	22.50	20.32	22.02	19.78
		Outer_Full	22.50	20.65	22.22	19.88
		Inner_Full	23.00	21.18	22.69	20.34
		Inner_1RB_Left	23.00	21.01	22.63	20.38
		Inner_1RB_Right	23.00	20.86	22.55	20.32
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.39	21.93	19.70
		Edge_1RB_Right	22.50	20.35	22.02	19.79
		Outer_Full	22.50	20.51	22.05	19.71
		Inner_Full	22.50	20.58	22.12	19.77
		Inner_1RB_Left	22.00	20.42	21.98	19.74
		Inner_1RB_Right	22.00	20.30	21.97	19.72
	CP-OFDM 256 QAM	Edge_1RB_Left	21.00	18.76	20.54	18.22
		Edge_1RB_Right	21.00	18.85	20.52	18.27
		Outer_Full	21.00	18.88	20.59	18.15
		Inner_Full	21.00	18.88	20.62	18.14
		Inner_1RB_Left	21.00	18.77	20.57	18.16
		Inner_1RB_Right	20.50	18.70	20.48	18.15

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647166	656000	664834
				3707.5MHz	3840.0MHz	3972.5MHz
15MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	23.00	21.02	22.61	20.24
		Edge_1RB_Right	23.00	20.92	22.53	20.25
		Outer_Full	24.00	22.18	23.64	21.25
		Inner_Full	24.00	22.31	23.79	21.45
		Inner_1RB_Left	24.00	22.26	23.70	21.58
		Inner_1RB_Right	24.00	22.09	23.67	21.41
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.78	22.37	19.96
		Edge_1RB_Right	22.50	20.59	22.33	20.00
		Outer_Full	23.50	21.54	23.06	20.69
		Inner_Full	23.50	21.87	23.39	20.98
		Inner_1RB_Left	23.50	21.78	23.21	20.84
		Inner_1RB_Right	23.50	21.51	23.17	20.90
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.80	22.36	19.99
		Edge_1RB_Right	22.50	20.61	22.33	20.03
		Outer_Full	23.00	21.38	22.92	20.49
		Inner_Full	23.00	21.34	22.92	20.47
		Inner_1RB_Left	23.00	21.24	22.76	20.35
		Inner_1RB_Right	23.00	21.03	22.67	20.42
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.34	21.95	19.54
		Edge_1RB_Right	22.00	20.14	21.87	19.53
		Outer_Full	22.50	20.47	22.14	19.63
		Inner_Full	22.50	20.40	22.10	19.56
		Inner_1RB_Left	22.00	20.34	21.92	19.60
		Inner_1RB_Right	22.00	20.20	21.88	19.56
	CP-OFDM QPSK	Edge_1RB_Left	22.50	20.35	22.09	19.67
		Edge_1RB_Right	22.50	20.34	22.05	19.73
		Outer_Full	22.50	20.76	22.33	19.89
		Inner_Full	23.00	21.31	22.87	20.48
		Inner_1RB_Left	23.00	21.21	22.83	20.46
		Inner_1RB_Right	23.00	21.23	22.86	20.53
	CP-OFDM 16 QAM	Edge_1RB_Left	22.50	20.37	22.01	19.60
		Edge_1RB_Right	22.50	20.21	22.09	19.69
		Outer_Full	22.50	20.69	22.27	19.86
		Inner_Full	23.00	21.19	22.76	20.31
		Inner_1RB_Left	23.00	21.05	22.71	20.23
		Inner_1RB_Right	23.00	20.93	22.73	20.38
	CP-OFDM 64 QAM	Edge_1RB_Left	22.50	20.45	22.05	19.67
		Edge_1RB_Right	22.50	20.26	22.05	19.77
		Outer_Full	22.50	20.55	22.18	19.72
		Inner_Full	22.50	20.59	22.24	19.75
		Inner_1RB_Left	22.50	20.48	22.11	19.71
		Inner_1RB_Right	22.50	20.42	22.17	19.87
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.85	20.45	18.19
		Edge_1RB_Right	21.00	18.75	20.53	18.24
		Outer_Full	21.00	18.93	20.71	18.16
		Inner_Full	21.00	18.94	20.75	18.15
		Inner_1RB_Left	21.00	18.83	20.65	18.18
		Inner_1RB_Right	21.00	18.87	20.73	18.28

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	22.50	20.87	22.49	20.21
		Edge_1RB_Right	22.50	20.82	22.38	20.12
		Outer_Full	24.00	22.11	23.56	21.22
		Inner_Full	24.00	22.30	23.78	21.48
		Inner_1RB_Left	24.00	22.23	23.76	21.49
		Inner_1RB_Right	24.00	22.05	23.53	21.38
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.68	22.26	19.91
		Edge_1RB_Right	22.50	20.42	22.20	19.95
		Outer_Full	23.00	21.51	22.98	20.67
		Inner_Full	23.50	21.87	23.38	21.01
		Inner_1RB_Left	23.50	21.65	23.09	20.79
		Inner_1RB_Right	23.50	21.38	23.03	20.85
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.71	22.23	19.89
		Edge_1RB_Right	22.50	20.48	22.15	19.92
		Outer_Full	23.00	21.34	22.86	20.48
		Inner_Full	23.00	21.34	22.89	20.51
		Inner_1RB_Left	23.00	21.15	22.58	20.27
		Inner_1RB_Right	23.00	20.87	22.53	20.29
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.22	21.64	19.26
		Edge_1RB_Right	22.00	19.97	21.63	19.25
		Outer_Full	22.50	20.45	22.06	19.62
		Inner_Full	22.50	20.43	22.10	19.62
		Inner_1RB_Left	22.00	20.17	21.66	19.32
		Inner_1RB_Right	22.00	20.02	21.65	19.27
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.29	21.94	19.65
		Edge_1RB_Right	22.00	20.32	21.96	19.75
		Outer_Full	22.50	20.71	22.25	19.86
		Inner_Full	23.00	21.24	22.80	20.43
		Inner_1RB_Left	23.00	21.19	22.71	20.48
		Inner_1RB_Right	23.00	21.09	22.71	20.46
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.30	21.80	19.56
		Edge_1RB_Right	22.00	20.13	21.85	19.71
		Outer_Full	22.50	20.68	22.20	19.85
		Inner_Full	23.00	21.11	22.70	20.28
		Inner_1RB_Left	22.50	20.97	22.49	20.18
		Inner_1RB_Right	22.50	20.74	22.44	20.22
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.33	21.84	19.58
		Edge_1RB_Right	22.00	20.19	21.90	19.71
		Outer_Full	22.50	20.48	22.06	19.67
		Inner_Full	22.50	20.49	22.09	19.67
		Inner_1RB_Left	22.00	20.36	21.91	19.63
		Inner_1RB_Right	22.00	20.19	21.86	19.69
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.49	20.37	18.12
		Edge_1RB_Right	20.50	18.71	20.46	18.15
		Outer_Full	21.00	18.87	20.56	18.09
		Inner_Full	21.00	18.81	20.58	18.08
		Inner_1RB_Left	20.50	18.71	20.41	18.08
		Inner_1RB_Right	20.50	18.63	20.37	18.16

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647500	656000	664500
				3712.5MHz	3840.0MHz	3967.5MHz
25MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.90	22.41	20.23
		Edge_1RB_Right	22.50	20.76	22.23	20.03
		Outer_Full	24.00	22.04	23.54	21.20
		Inner_Full	24.00	22.25	23.74	21.46
		Inner_1RB_Left	24.00	22.17	23.58	21.76
		Inner_1RB_Right	24.00	21.97	23.58	21.34
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.76	22.14	19.96
		Edge_1RB_Right	22.00	20.40	21.99	19.83
		Outer_Full	23.00	21.48	22.96	20.65
		Inner_Full	23.50	21.78	23.33	20.96
		Inner_1RB_Left	23.50	21.67	23.01	20.83
		Inner_1RB_Right	23.00	21.29	22.89	20.76
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.73	22.16	19.93
		Edge_1RB_Right	22.00	20.34	21.99	19.79
		Outer_Full	23.00	21.27	22.79	20.42
		Inner_Full	23.00	21.30	22.85	20.44
		Inner_1RB_Left	23.00	21.07	22.50	20.31
		Inner_1RB_Right	22.50	20.77	22.35	20.22
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.25	21.69	19.30
		Edge_1RB_Right	21.50	19.93	21.47	19.16
		Outer_Full	22.00	20.39	21.96	19.54
		Inner_Full	22.00	20.37	21.96	19.50
		Inner_1RB_Left	22.00	20.19	21.65	19.28
		Inner_1RB_Right	21.50	19.88	21.47	19.13
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.30	21.79	19.66
		Edge_1RB_Right	22.00	20.27	21.73	19.63
		Outer_Full	22.50	20.61	22.12	19.77
		Inner_Full	23.00	21.24	22.74	20.40
		Inner_1RB_Left	23.00	21.17	22.61	20.51
		Inner_1RB_Right	22.50	20.84	22.36	20.28
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.35	21.80	19.60
		Edge_1RB_Right	22.00	20.13	21.74	19.52
		Outer_Full	22.50	20.60	22.07	19.76
		Inner_Full	23.00	21.05	22.61	20.23
		Inner_1RB_Left	22.50	21.04	22.41	20.18
		Inner_1RB_Right	22.50	20.63	22.20	20.03
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.32	21.81	19.58
		Edge_1RB_Right	22.00	20.11	21.75	19.55
		Outer_Full	22.00	20.38	21.91	19.57
		Inner_Full	22.50	20.44	22.00	19.63
		Inner_1RB_Left	22.00	20.38	21.82	19.62
		Inner_1RB_Right	22.00	20.01	21.67	19.48
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.68	20.22	18.00
		Edge_1RB_Right	20.50	18.50	20.02	17.89
		Outer_Full	20.50	18.77	20.40	17.97
		Inner_Full	20.50	18.80	20.48	17.99
		Inner_1RB_Left	20.50	18.70	20.21	18.09
		Inner_1RB_Right	20.00	18.42	19.92	17.95

30K_N77a			Maximum Tune-up(dBm)	Conducted Power(dBm)		
Bandwidth	Modulation	RB allocation		647670	656000	664335
				3715.0MHz	3840.0MHz	3965.0MHz
30MHz	DFT-s-OFDM QPSK	Edge_1RB_Left	22.50	20.87	22.42	20.28
		Edge_1RB_Right	22.50	20.81	22.21	19.97
		Outer_Full	24.00	21.99	23.53	21.18
		Inner_Full	24.00	22.22	23.75	21.53
		Inner_1RB_Left	24.00	22.16	23.57	21.80
		Inner_1RB_Right	23.50	21.97	23.40	21.20
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.75	22.17	20.01
		Edge_1RB_Right	22.00	20.35	21.98	19.76
		Outer_Full	23.00	21.44	22.94	20.63
		Inner_Full	23.50	21.75	23.34	20.95
		Inner_1RB_Left	23.50	21.64	23.02	20.87
		Inner_1RB_Right	23.00	21.30	22.86	20.67
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.69	22.17	19.99
		Edge_1RB_Right	22.00	20.40	21.95	19.73
		Outer_Full	23.00	21.24	22.79	20.41
		Inner_Full	23.00	21.26	22.84	20.42
		Inner_1RB_Left	23.00	21.06	22.53	20.36
		Inner_1RB_Right	22.50	20.80	22.35	20.15
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.20	21.67	19.57
		Edge_1RB_Right	21.50	19.89	21.45	19.24
		Outer_Full	22.00	20.35	21.94	19.53
		Inner_Full	22.50	20.35	22.01	19.54
		Inner_1RB_Left	22.00	20.12	21.66	19.56
		Inner_1RB_Right	21.50	19.92	21.43	19.30
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.25	21.81	19.79
		Edge_1RB_Right	22.00	20.24	21.70	19.58
		Outer_Full	22.50	20.57	22.14	19.75
		Inner_Full	23.00	21.21	22.76	20.41
		Inner_1RB_Left	23.00	21.08	22.61	20.50
		Inner_1RB_Right	23.00	21.07	22.58	20.34
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.19	21.67	19.64
		Edge_1RB_Right	22.00	20.01	21.68	19.51
		Outer_Full	22.50	20.57	22.08	19.75
		Inner_Full	23.00	21.02	22.61	20.22
		Inner_1RB_Left	22.50	20.96	22.45	20.26
		Inner_1RB_Right	22.50	20.75	22.32	20.15
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.33	21.79	19.66
		Edge_1RB_Right	22.00	20.09	21.70	19.50
		Outer_Full	22.00	20.36	21.91	19.57
		Inner_Full	22.50	20.43	22.03	19.63
		Inner_1RB_Left	22.00	20.34	21.84	19.68
		Inner_1RB_Right	22.00	20.17	21.75	19.57
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.62	20.29	18.14
		Edge_1RB_Right	20.50	18.53	20.21	17.86
		Outer_Full	20.50	18.74	20.39	18.00
		Inner_Full	20.50	18.78	20.49	18.02
		Inner_1RB_Left	20.50	18.76	20.31	18.17
		Inner_1RB_Right	20.50	18.57	20.27	17.93

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	22.50	20.77	22.34	20.58
		Edge_1RB_Right	22.50	20.96	22.11	20.00
		Outer_Full	23.50	21.94	23.49	21.30
		Inner_Full	24.00	22.17	23.72	21.67
		Inner_1RB_Left	24.00	22.14	23.55	21.80
		Inner_1RB_Right	23.50	22.17	23.33	21.29
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.60	22.10	20.33
		Edge_1RB_Right	22.00	20.60	21.88	19.76
		Outer_Full	23.00	21.43	22.92	20.77
		Inner_Full	23.50	21.67	23.29	21.04
		Inner_1RB_Left	23.00	21.56	22.94	21.17
		Inner_1RB_Right	23.00	21.47	22.77	20.72
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.60	22.07	20.29
		Edge_1RB_Right	22.00	20.60	21.82	19.77
		Outer_Full	23.00	21.18	22.71	20.52
		Inner_Full	23.00	21.18	22.82	20.54
		Inner_1RB_Left	22.50	21.01	22.45	20.67
		Inner_1RB_Right	22.50	20.96	22.25	20.17
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.04	21.60	19.78
		Edge_1RB_Right	21.50	20.08	21.33	19.23
		Outer_Full	22.00	20.28	21.87	19.64
		Inner_Full	22.00	20.28	21.98	19.66
		Inner_1RB_Left	22.00	20.04	21.61	19.80
		Inner_1RB_Right	21.50	20.12	21.35	19.27
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.18	21.81	20.01
		Edge_1RB_Right	22.00	20.44	21.57	19.52
		Outer_Full	22.50	20.55	22.08	19.88
		Inner_Full	23.00	21.18	22.72	20.49
		Inner_1RB_Left	23.00	21.09	22.62	20.87
		Inner_1RB_Right	22.50	21.25	22.42	20.36
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.20	21.66	19.89
		Edge_1RB_Right	21.50	20.25	21.48	19.43
		Outer_Full	22.50	20.58	22.04	19.88
		Inner_Full	23.00	20.96	22.62	20.31
		Inner_1RB_Left	22.50	20.86	22.31	21.72
		Inner_1RB_Right	22.50	20.84	22.17	20.59
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.21	21.68	19.93
		Edge_1RB_Right	22.00	20.27	21.50	19.48
		Outer_Full	22.00	20.32	21.87	19.68
		Inner_Full	22.50	20.35	22.02	19.71
		Inner_1RB_Left	22.00	20.24	21.74	19.94
		Inner_1RB_Right	22.00	20.29	21.59	19.51
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.56	20.30	18.43
		Edge_1RB_Right	20.00	18.66	19.96	17.87
		Outer_Full	20.50	18.70	20.34	18.08
		Inner_Full	20.50	18.72	20.49	18.10
		Inner_1RB_Left	20.50	18.56	20.24	18.40
		Inner_1RB_Right	20.00	18.81	19.99	17.94

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	22.50	20.66	22.26	20.76
		Edge_1RB_Right	22.00	21.28	21.98	19.81
		Outer_Full	23.50	21.84	23.33	21.20
		Inner_Full	24.00	22.17	23.71	21.78
		Inner_1RB_Left	24.00	22.07	23.57	22.30
		Inner_1RB_Right	23.50	22.50	23.31	21.12
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.49	22.02	20.47
		Edge_1RB_Right	22.00	21.02	21.76	19.57
		Outer_Full	23.00	21.33	22.77	20.68
		Inner_Full	23.50	21.64	23.32	21.09
		Inner_1RB_Left	23.00	21.46	22.86	21.41
		Inner_1RB_Right	23.00	21.84	22.65	20.55
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.45	21.99	20.42
		Edge_1RB_Right	22.00	21.03	21.75	19.55
		Outer_Full	23.00	21.06	22.58	20.44
		Inner_Full	23.00	21.11	22.81	20.55
		Inner_1RB_Left	22.50	20.88	22.40	20.83
		Inner_1RB_Right	22.50	21.34	22.14	19.98
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	19.97	21.55	19.91
		Edge_1RB_Right	21.50	20.51	21.29	19.08
		Outer_Full	22.00	20.17	21.74	19.58
		Inner_Full	22.00	20.23	21.97	19.69
		Inner_1RB_Left	22.00	19.91	21.53	20.08
		Inner_1RB_Right	21.50	20.51	21.29	19.07
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.08	21.70	20.24
		Edge_1RB_Right	21.50	20.76	21.47	19.32
		Outer_Full	22.50	20.57	22.04	19.90
		Inner_Full	23.00	21.14	22.69	20.51
		Inner_1RB_Left	23.00	20.99	22.53	21.04
		Inner_1RB_Right	22.50	21.61	22.32	20.23
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.00	21.55	20.13
		Edge_1RB_Right	21.50	20.67	21.37	19.23
		Outer_Full	22.00	20.62	22.00	19.92
		Inner_Full	23.00	20.89	22.54	20.33
		Inner_1RB_Left	22.50	20.79	22.22	20.78
		Inner_1RB_Right	22.50	21.29	22.04	19.98
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.13	21.59	20.19
		Edge_1RB_Right	21.50	20.67	21.32	19.31
		Outer_Full	22.00	20.36	21.79	19.71
		Inner_Full	22.00	20.28	21.91	19.75
		Inner_1RB_Left	22.00	20.16	21.62	20.21
		Inner_1RB_Right	21.50	20.72	21.44	19.41
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	18.43	19.96	18.67
		Edge_1RB_Right	20.00	19.20	19.66	17.65
		Outer_Full	20.50	18.73	20.23	18.14
		Inner_Full	20.50	18.66	20.37	18.17
		Inner_1RB_Left	20.50	18.40	20.01	18.69
		Inner_1RB_Right	20.00	19.25	19.72	17.74

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	22.50	20.61	22.13	21.04
		Edge_1RB_Right	22.00	21.59	21.84	19.74
		Outer_Full	23.50	22.06	23.37	21.44
		Inner_Full	24.00	22.24	23.67	21.93
		Inner_1RB_Left	23.50	22.04	23.43	22.53
		Inner_1RB_Right	23.50	23.01	23.18	21.09
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.44	21.91	20.82
		Edge_1RB_Right	22.00	21.37	21.55	19.55
		Outer_Full	23.00	21.53	22.78	20.89
		Inner_Full	23.50	21.70	23.26	21.22
		Inner_1RB_Left	23.00	21.49	22.78	21.74
		Inner_1RB_Right	23.00	22.30	22.54	20.55
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.49	21.88	20.80
		Edge_1RB_Right	22.00	21.39	21.53	19.54
		Outer_Full	23.00	21.31	22.60	20.66
		Inner_Full	23.00	21.21	22.77	20.69
		Inner_1RB_Left	22.50	20.88	22.26	21.16
		Inner_1RB_Right	22.50	21.75	22.00	19.94
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	19.78	21.44	20.31
		Edge_1RB_Right	21.50	20.81	21.06	19.01
		Outer_Full	22.00	20.42	21.76	19.79
		Inner_Full	22.00	20.29	21.91	19.79
		Inner_1RB_Left	21.50	19.77	21.43	20.18
		Inner_1RB_Right	21.50	20.71	21.08	18.84
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.02	21.58	20.41
		Edge_1RB_Right	21.50	21.08	21.33	19.26
		Outer_Full	22.00	20.67	21.97	20.02
		Inner_Full	23.00	21.22	22.69	20.66
		Inner_1RB_Left	22.50	20.96	22.49	21.33
		Inner_1RB_Right	22.50	21.92	22.26	20.19
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	19.95	21.45	20.41
		Edge_1RB_Right	21.50	20.99	21.29	19.22
		Outer_Full	22.00	20.68	21.95	20.02
		Inner_Full	23.00	20.95	22.55	20.45
		Inner_1RB_Left	22.50	20.76	22.18	21.10
		Inner_1RB_Right	22.00	21.71	21.99	19.97
	CP-OFDM 64 QAM	Edge_1RB_Left	21.50	20.08	21.49	20.43
		Edge_1RB_Right	21.50	21.09	21.26	19.24
		Outer_Full	22.00	20.44	21.77	19.84
		Inner_Full	22.00	20.34	21.93	19.86
		Inner_1RB_Left	22.00	20.09	21.55	20.47
		Inner_1RB_Right	21.50	21.15	21.36	19.34
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.31	20.05	18.87
		Edge_1RB_Right	20.00	19.34	19.69	17.60
		Outer_Full	20.50	18.84	20.24	18.26
		Inner_Full	20.50	18.72	20.40	18.28
		Inner_1RB_Left	20.50	18.25	20.04	18.97
		Inner_1RB_Right	20.00	19.38	19.74	17.70

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	22.50	20.98	22.28	21.53
		Edge_1RB_Right	22.00	21.99	21.96	20.06
		Outer_Full	23.50	22.21	23.36	21.71
		Inner_Full	24.00	22.34	23.66	22.08
		Inner_1RB_Left	24.00	22.23	23.96	22.74
		Inner_1RB_Right	23.50	23.21	23.47	21.38
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.50	20.83	22.03	21.33
		Edge_1RB_Right	22.00	21.81	21.69	19.87
		Outer_Full	23.00	21.68	22.79	21.16
		Inner_Full	23.50	21.83	23.25	21.46
		Inner_1RB_Left	23.00	21.76	22.85	22.19
		Inner_1RB_Right	23.00	22.68	22.58	20.74
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.50	20.81	22.01	21.30
		Edge_1RB_Right	22.00	21.82	21.66	19.81
		Outer_Full	23.00	21.49	22.61	20.98
		Inner_Full	23.00	21.34	22.76	20.95
		Inner_1RB_Left	22.50	21.17	22.34	21.66
		Inner_1RB_Right	22.50	22.15	22.06	20.21
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	22.00	20.34	21.50	20.81
		Edge_1RB_Right	21.50	21.33	21.07	19.38
		Outer_Full	22.00	20.66	21.73	20.08
		Inner_Full	22.00	20.48	21.88	20.03
		Inner_1RB_Left	21.50	20.35	21.49	20.81
		Inner_1RB_Right	21.50	21.34	21.00	19.36
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.36	21.75	20.99
		Edge_1RB_Right	21.50	21.45	21.45	19.53
		Outer_Full	22.50	20.97	22.02	20.34
		Inner_Full	23.00	21.44	22.68	20.88
		Inner_1RB_Left	23.00	21.26	22.61	21.85
		Inner_1RB_Right	22.50	22.29	22.32	20.39
	CP-OFDM 16 QAM	Edge_1RB_Left	22.00	20.32	21.67	20.97
		Edge_1RB_Right	21.50	21.39	21.29	19.50
		Outer_Full	22.50	20.96	22.00	20.32
		Inner_Full	23.00	21.21	22.56	20.70
		Inner_1RB_Left	22.50	21.04	22.28	21.60
		Inner_1RB_Right	22.50	22.09	22.02	20.19
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.47	21.66	20.97
		Edge_1RB_Right	21.50	21.45	21.32	19.47
		Outer_Full	22.00	20.75	21.83	20.13
		Inner_Full	22.00	20.62	21.99	20.11
		Inner_1RB_Left	22.00	20.51	21.71	20.98
		Inner_1RB_Right	22.00	21.59	21.45	19.56
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.80	20.26	19.41
		Edge_1RB_Right	20.00	19.97	19.75	17.88
		Outer_Full	20.50	19.23	20.30	18.56
		Inner_Full	20.50	19.06	20.42	18.52
		Inner_1RB_Left	20.50	18.95	20.35	19.42
		Inner_1RB_Right	20.50	20.06	19.86	17.96

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	22.50	20.88	22.15	21.57
		Edge_1RB_Right	22.50	22.04	21.78	19.94
		Outer_Full	23.50	22.30	23.25	21.73
		Inner_Full	24.00	22.50	23.65	22.18
		Inner_1RB_Left	24.00	22.18	23.80	23.13
		Inner_1RB_Right	23.50	23.29	23.23	21.42
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.68	21.83	21.33
		Edge_1RB_Right	22.00	21.86	21.49	19.72
		Outer_Full	23.00	21.75	22.70	21.18
		Inner_Full	23.50	22.03	23.23	21.57
		Inner_1RB_Left	23.00	21.70	22.76	22.27
		Inner_1RB_Right	23.00	22.78	22.46	20.66
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.71	21.89	21.34
		Edge_1RB_Right	22.00	21.87	21.48	19.73
		Outer_Full	23.00	21.58	22.51	20.99
		Inner_Full	23.00	21.55	22.73	21.06
		Inner_1RB_Left	22.50	21.13	22.24	21.72
		Inner_1RB_Right	22.50	22.20	21.89	20.16
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	20.22	21.44	20.78
		Edge_1RB_Right	21.50	21.35	20.98	19.22
		Outer_Full	22.00	20.77	21.63	20.09
		Inner_Full	22.00	20.71	21.86	20.15
		Inner_1RB_Left	21.50	20.22	21.43	20.80
		Inner_1RB_Right	21.50	21.36	21.00	19.19
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.28	21.61	21.07
		Edge_1RB_Right	21.50	21.46	21.21	19.38
		Outer_Full	22.00	21.09	21.99	20.46
		Inner_Full	23.00	21.58	22.68	21.04
		Inner_1RB_Left	22.50	21.21	22.49	21.92
		Inner_1RB_Right	22.50	22.38	22.15	20.30
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	20.37	21.49	20.91
		Edge_1RB_Right	21.50	21.42	21.10	19.26
		Outer_Full	22.00	21.08	21.99	20.45
		Inner_Full	23.00	21.37	22.55	20.85
		Inner_1RB_Left	22.50	21.04	22.19	21.65
		Inner_1RB_Right	22.50	22.20	21.88	20.06
	CP-OFDM 64 QAM	Edge_1RB_Left	22.00	20.34	21.55	20.94
		Edge_1RB_Right	21.50	21.45	21.14	19.31
		Outer_Full	22.00	20.88	21.80	20.25
		Inner_Full	22.00	20.79	21.96	20.26
		Inner_1RB_Left	22.00	20.39	21.62	21.01
		Inner_1RB_Right	22.00	21.56	21.26	19.43
	CP-OFDM 256 QAM	Edge_1RB_Left	20.50	18.75	20.07	19.26
		Edge_1RB_Right	20.00	19.94	19.46	17.61
		Outer_Full	20.50	19.36	20.26	18.68
		Inner_Full	20.50	19.23	20.36	18.70
		Inner_1RB_Left	20.50	18.80	20.13	19.33
		Inner_1RB_Right	20.50	20.04	19.57	17.83

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	22.50	20.65	22.07	21.63
		Edge_1RB_Right	22.00	22.00	21.57	19.81
		Outer_Full	23.50	22.41	23.25	21.87
		Inner_Full	24.00	22.56	23.61	22.32
		Inner_1RB_Left	23.50	22.06	23.29	22.96
		Inner_1RB_Right	23.50	23.28	22.94	21.14
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.54	21.80	21.41
		Edge_1RB_Right	22.00	21.70	21.31	19.66
		Outer_Full	23.00	21.85	22.69	21.32
		Inner_Full	23.50	22.09	23.18	21.66
		Inner_1RB_Left	23.00	21.50	22.65	22.35
		Inner_1RB_Right	23.00	22.65	22.26	20.57
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.44	21.82	21.34
		Edge_1RB_Right	22.00	21.62	21.24	19.61
		Outer_Full	22.50	21.66	22.48	21.13
		Inner_Full	23.00	21.59	22.67	21.14
		Inner_1RB_Left	22.50	20.89	22.11	21.80
		Inner_1RB_Right	22.50	22.12	21.61	20.03
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	20.02	21.35	20.89
		Edge_1RB_Right	21.50	21.19	20.75	19.07
		Outer_Full	22.00	20.80	21.61	20.21
		Inner_Full	22.00	20.73	21.77	20.23
		Inner_1RB_Left	21.50	19.95	21.34	20.88
		Inner_1RB_Right	21.50	21.25	20.74	19.06
	CP-OFDM QPSK	Edge_1RB_Left	22.00	20.07	21.50	21.13
		Edge_1RB_Right	22.00	21.52	21.11	19.37
		Outer_Full	22.00	21.08	21.89	20.51
		Inner_Full	23.00	21.61	22.60	21.06
		Inner_1RB_Left	22.50	21.05	22.37	22.00
		Inner_1RB_Right	22.50	22.38	21.95	20.19
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	20.11	21.41	20.93
		Edge_1RB_Right	21.50	21.40	20.91	19.28
		Outer_Full	22.00	21.06	21.88	20.50
		Inner_Full	22.50	21.43	22.45	20.89
		Inner_1RB_Left	22.50	20.81	22.02	22.05
		Inner_1RB_Right	22.50	22.03	21.63	19.97
	CP-OFDM 64 QAM	Edge_1RB_Left	21.50	20.11	21.44	21.01
		Edge_1RB_Right	21.50	21.40	21.01	19.34
		Outer_Full	22.00	20.86	21.68	20.28
		Inner_Full	22.00	20.81	21.84	20.26
		Inner_1RB_Left	21.50	20.15	21.48	21.01
		Inner_1RB_Right	21.50	21.41	21.00	19.31
	CP-OFDM 256 QAM	Edge_1RB_Left	20.00	18.40	19.91	19.43
		Edge_1RB_Right	20.00	19.76	19.30	17.69
		Outer_Full	20.50	19.26	20.10	18.70
		Inner_Full	20.50	19.23	20.25	18.64
		Inner_1RB_Left	20.00	18.52	19.94	19.36
		Inner_1RB_Right	20.00	19.88	19.33	17.71

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	22.00	20.39	21.81	21.70
		Edge_1RB_Right	22.00	21.80	21.25	19.65
		Outer_Full	23.50	22.44	23.22	22.04
		Inner_Full	24.00	22.63	23.59	22.46
		Inner_1RB_Left	23.50	21.86	23.13	23.11
		Inner_1RB_Right	23.50	23.38	22.75	21.15
	DFT-s-OFDM 16 QAM	Edge_1RB_Left	22.00	20.21	21.60	21.42
		Edge_1RB_Right	21.50	21.43	20.96	19.48
		Outer_Full	23.00	21.88	22.68	21.49
		Inner_Full	23.50	22.17	23.14	21.82
		Inner_1RB_Left	23.00	21.28	22.51	22.48
		Inner_1RB_Right	23.00	22.54	22.03	20.53
	DFT-s-OFDM 64 QAM	Edge_1RB_Left	22.00	20.26	21.63	21.43
		Edge_1RB_Right	21.50	21.41	21.01	19.44
		Outer_Full	22.50	21.67	22.47	21.27
		Inner_Full	23.00	21.67	22.63	21.30
		Inner_1RB_Left	22.50	20.78	22.07	21.80
		Inner_1RB_Right	22.00	21.97	21.38	20.00
	DFT-s-OFDM 256 QAM	Edge_1RB_Left	21.50	19.57	21.14	20.60
		Edge_1RB_Right	21.00	20.78	20.30	18.68
		Outer_Full	22.00	20.80	21.60	20.34
		Inner_Full	22.00	20.79	21.70	20.38
		Inner_1RB_Left	21.50	19.75	21.04	20.76
		Inner_1RB_Right	21.00	20.81	20.34	18.86
	CP-OFDM QPSK	Edge_1RB_Left	21.50	19.79	21.31	21.15
		Edge_1RB_Right	21.50	21.30	20.89	19.27
		Outer_Full	22.00	21.09	21.85	20.65
		Inner_Full	23.00	21.70	22.63	21.29
		Inner_1RB_Left	22.50	20.78	22.28	22.16
		Inner_1RB_Right	22.50	22.22	21.74	20.19
	CP-OFDM 16 QAM	Edge_1RB_Left	21.50	19.68	21.26	21.04
		Edge_1RB_Right	21.50	21.17	20.76	19.24
		Outer_Full	22.00	21.08	21.88	20.65
		Inner_Full	23.00	21.57	22.50	21.13
		Inner_1RB_Left	22.00	20.60	21.89	21.75
		Inner_1RB_Right	22.00	21.90	21.42	19.93
	CP-OFDM 64 QAM	Edge_1RB_Left	21.50	19.86	21.30	21.05
		Edge_1RB_Right	21.50	21.21	20.79	19.25
		Outer_Full	22.00	20.90	21.70	20.46
		Inner_Full	22.00	20.95	21.89	20.51
		Inner_1RB_Left	21.50	19.91	21.32	21.15
		Inner_1RB_Right	21.50	21.21	20.84	19.28
	CP-OFDM 256 QAM	Edge_1RB_Left	19.50	17.95	19.44	19.23
		Edge_1RB_Right	19.50	19.36	19.02	17.42
		Outer_Full	20.50	19.29	20.15	18.83
		Inner_Full	20.50	19.37	20.31	18.90
		Inner_1RB_Left	20.00	18.19	19.76	19.55
		Inner_1RB_Right	19.50	19.40	18.82	17.65

8.5 Wi-Fi

Ant.1						
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	13.74	14.00	Yes
		6	2437	11.63	12.00	No
		11	2462	13.35	13.50	No
	802.11g	1	2412	13.67	14.00	No
		6	2437	11.67	12.00	No
		11	2462	13.50	14.00	No
	802.11n(HT20)	1	2412	13.39	13.50	No
		6	2437	11.57	12.00	No
		11	2462	13.23	13.50	No
	802.11n(HT40)	3	2422	12.52	13.00	No
		7	2442	11.91	12.00	No
		11	2462	13.18	13.50	No
Ant.2						
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	13.24	13.50	Yes
		6	2437	12.40	12.50	No
		11	2462	12.35	12.50	No
	802.11g	1	2412	12.53	13.00	No
		6	2437	12.14	12.50	No
		11	2462	12.20	12.50	No
	802.11n(HT20)	1	2412	12.42	12.50	No
		6	2437	11.93	12.00	No
		11	2462	11.98	12.00	No
	802.11n(HT40)	3	2422	12.65	13.00	No
		7	2442	12.48	12.50	No
		11	2462	12.14	12.50	No
MIMO						
Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
2.4g Wifi (2.4~2.4835)	802.11n(HT20)	1	2412	16.07	16.50	Yes
		6	2437	15.74	16.00	No
		11	2462	15.79	16.00	No
	802.11n(HT40)	3	2422	15.76	16.00	No
		7	2442	15.27	15.50	No
		11	2462	15.81	16.00	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 ≤ 1.2W/kg.

Ant.1						
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	12.00	12.50	No
		40	5200	12.92	13.00	No
		48	5240	14.37	14.50	No
	802.11n(HT20)	36	5180	12.34	12.50	No
		40	5200	13.66	14.00	No
		48	5240	14.66	15.00	No
	802.11ac(VHT20)	36	5180	11.88	12.00	No
		40	5200	13.14	13.50	No
		48	5240	14.29	14.50	No
	802.11n(HT40)	38	5190	13.35	13.50	No
		46	5230	14.70	15.00	Yes
	802.11ac(VHT40)	38	5190	13.42	13.50	No
		46	5230	14.71	15.00	No
	802.11ac(VHT80)	42	5210	13.59	14.00	No

Ant.2						
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	15.03	15.50	No
		40	5200	15.34	15.50	No
		48	5240	16.31	16.50	No
	802.11n(HT20)	36	5180	14.89	15.00	No
		40	5200	15.55	16.00	No
		48	5240	16.33	16.50	No
	802.11ac(VHT20)	36	5180	14.93	15.00	No
		40	5200	15.68	16.00	No
		48	5240	16.38	16.50	No
	802.11n(HT40)	38	5190	15.63	16.00	No
		46	5230	16.82	17.00	Yes
	802.11ac(VHT40)	38	5190	15.63	16.00	No
		46	5230	16.85	17.00	No
	802.11ac(VHT80)	42	5210	15.90	16.00	No
MIMO						
Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-1 (5.150~5.250)	802.11n(HT20)	36	5180	16.81	17.00	No
		40	5200	17.72	18.00	No
		48	5240	18.59	19.00	No
	802.11ac(VHT20)	36	5180	16.68	17.00	No
		40	5200	17.60	18.00	No
		48	5240	18.47	18.50	No
	802.11n(HT40)	38	5190	17.65	18.00	No
		46	5230	18.90	19.00	Yes
	802.11ac(VHT40)	38	5190	17.67	18.00	No
		46	5230	18.92	19.00	No
	802.11ac(VHT80)	42	5210	17.91	18.00	No
Ant.1						
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	14.25	14.50	No
		56	5280	13.41	13.50	No
		64	5320	12.76	13.00	No
	802.11n(HT20)	52	5260	14.74	15.00	No
		56	5280	13.94	14.00	No
		64	5320	13.30	13.50	No
	802.11ac(VHT20)	52	5260	14.84	15.00	No
		56	5280	14.07	14.50	No
		64	5320	13.32	13.50	No
	802.11n(HT40)	54	5270	14.91	15.00	Yes
		62	5310	14.25	14.50	No
	802.11ac(VHT40)	54	5270	14.79	15.00	No
		62	5310	14.03	14.50	No
	802.11ac(VHT80)	58	5290	14.06	14.50	No
Ant.2						
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	16.22	16.50	No
		56	5280	15.30	15.50	No
		64	5320	15.52	16.00	No
	802.11n(HT20)	52	5260	15.54	16.00	No
		56	5280	15.28	15.50	No
		64	5320	15.41	15.50	No
	802.11ac(VHT20)	52	5260	15.36	15.50	No
		56	5280	15.73	16.00	No
		64	5320	15.46	15.50	No
		64	5320	15.46	15.50	No

	802.11n(HT40)	54	5270	15.97	16.00	No
		62	5310	16.02	16.50	Yes
	802.11ac(VHT40)	54	5270	15.75	16.00	No
		62	5310	15.77	16.00	No
	802.11ac(VHT80)	58	5290	15.47	15.50	No
MIMO						
Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-2a (5.250~5.350)	802.11n(HT20)	52	5260	18.17	18.50	No
		56	5280	17.67	18.00	No
		64	5320	17.49	17.50	No
	802.11ac(VHT20)	52	5260	18.12	18.50	No
		56	5280	17.99	18.00	No
		64	5320	17.53	18.00	No
	802.11n(HT40)	54	5270	18.48	18.50	Yes
		62	5310	18.23	18.50	No
	802.11ac(VHT40)	54	5270	18.31	18.50	No
		62	5310	18.00	18.50	No
	802.11ac(VHT80)	58	5290	17.83	18.00	No

Ant.1						
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	11.59	12.00	No
		120	5600	13.48	13.50	No
		140	5700	9.52	10.00	No
	802.11n(HT20)	100	5500	9.29	9.50	No
		120	5600	13.67	14.00	No
		140	5700	9.84	10.00	No
	802.11ac(VHT20)	100	5500	12.15	12.50	No
		120	5600	13.77	14.00	No
		140	5700	9.71	10.00	No
	802.11n(HT40)	102	5510	13.14	13.50	No
		118	5590	14.92	15.00	No
		134	5670	11.68	12.00	No
	802.11ac(VHT40)	102	5510	13.39	13.50	No
		118	5590	15.13	15.50	Yes
		134	5670	11.88	12.00	No
802.11ac(VHT80)	106	5530	13.39	13.50	No	
	122	5610	13.82	14.00	No	
Ant.2						
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	14.12	14.50	No
		120	5600	13.97	14.00	No
		140	5700	15.81	16.00	No
	802.11n(HT20)	100	5500	11.59	12.00	No
		120	5600	14.18	14.50	No
		140	5700	16.36	16.50	Yes
	802.11ac(VHT20)	100	5500	15.00	15.50	No
		120	5600	14.26	14.50	No
		140	5700	15.96	16.00	No
	802.11n(HT40)	102	5510	14.68	15.00	No
		118	5590	14.86	15.00	No
		134	5670	14.93	15.00	No
	802.11ac(VHT40)	102	5510	15.21	15.50	No
		118	5590	15.00	15.50	No
		134	5670	15.01	15.50	No
802.11ac(VHT80)	106	5530	14.30	14.50	No	
	122	5610	13.99	14.00	No	

MIMO						
Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-2c (5.470~5.725)	802.11n(HT20)	100	5500	13.60	14.00	No
		120	5600	16.94	17.00	No
		140	5700	17.23	17.50	No
	802.11ac(VHT20)	100	5500	16.82	17.00	No
		120	5600	17.03	17.50	No
		140	5700	16.88	17.00	No
	802.11n(HT40)	102	5510	16.99	17.00	No
		118	5590	17.90	18.00	No
		134	5670	16.61	17.00	No
	802.11ac(VHT40)	102	5510	17.40	17.50	No
		118	5590	18.08	18.50	Yes
		134	5670	16.73	17.00	No
	802.11ac(VHT80)	106	5530	16.88	17.00	No
		122	5610	16.92	17.00	No

Ant.1						
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	7.89	8.00	No
		157	5785	7.90	8.00	No
		165	5825	9.36	9.50	No
	802.11n(HT20)	149	5745	8.13	8.50	No
		157	5785	8.23	8.50	No
		165	5825	9.60	10.00	Yes
	802.11ac(VHT20)	149	5745	8.21	8.50	No
		157	5785	8.06	8.50	No
		165	5825	9.64	10.00	No
	802.11n(HT40)	151	5755	8.27	8.50	No
		159	5795	8.38	8.5	No
	802.11ac(VHT40)	151	5755	8.34	8.50	No
		159	5795	9.22	9.50	No
	802.11ac(VHT80)	155	5775	7.94	8.00	No
Ant.2						
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	15.31	15.50	No
		157	5785	13.96	14.00	No
		165	5825	13.54	14.00	No
	802.11n(HT20)	149	5745	15.80	16.00	No
		157	5785	13.91	14.00	No
		165	5825	13.70	14.00	No
	802.11ac(VHT20)	149	5745	15.53	16.00	No
		157	5785	13.30	13.50	No
		165	5825	14.03	14.50	No
	802.11n(HT40)	151	5755	15.59	16.00	Yes
		159	5795	14.83	15.00	No
	802.11ac(VHT40)	151	5755	15.55	16.00	No
		159	5795	14.74	15.00	No
	802.11ac(VHT80)	155	5775	15.14	15.50	No
MIMO						
Band (GHz)	Mode	Channel	Freq. (MHz)	Average Power (dBm)	Maximum Tune-up(dBm)	SAR Test Require.
U-NII-3 (5.725~5.850)	802.11n(HT20)	149	5745	16.49	16.50	No
		157	5785	14.95	15.00	No
		165	5825	15.13	15.50	No

	802.11ac(VHT20)	149	5745	16.27	16.50	No
		157	5785	14.44	14.50	No
		165	5825	15.38	15.50	No
	802.11n(HT40)	151	5755	16.33	16.50	Yes
		159	5795	15.72	16.00	No
	802.11ac(VHT40)	151	5755	16.31	16.50	No
		159	5795	15.81	16.00	No
	802.11ac(VHT80)	155	5775	15.90	16.00	No

8.6 Bluetooth

EDR	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	39	78
			2402MHz	2441MHz	2480MHz
	GFSK	5.00	3.83	3.95	4.51
	$\pi/4$ QPSK	4.50	3.64	3.77	4.34
BLE	8DPSK	5.00	4.01	4.17	4.72
	Mode	Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)		
			0	20	39
			2402MHz	2440MHz	2480MHz
	1Mbps	4.50	3.76	4.05	4.49
	2Mbps	2.50	1.69	2.30	1.26

8.7 NFC

Maximum Tune-up(dBm)	Average Conducted Output Power (dBm)
	13.56MHz
-2.50	-2.70

Channel	Frequency (GHz)	Max. Tune-up Power (dBm)	Max. Power (mW)	Test distance (mm)	Exclusion thresholds for 1-g SAR(mW)	RF exposure evaluation required
/	0.01356	-2.50	0.56	0	71	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

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

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

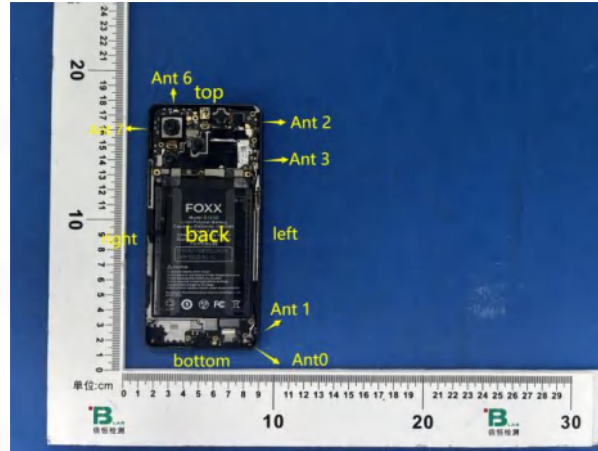
and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

*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.

9. Test Exclusion Consideration

Antenna information:



Antenna 0	GSM/WCDMA/LTE/NR TX/RX
Antenna 2	GSM/WCDMA/LTE/NR TX/RX
Antenna 3	GSM/WCDMA/LTE/NR TX/RX
Antenna 6	WLAN/BT TX/RX
Antenna 7	WLAN/BT 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 GSM 850, WCDMA Band 5, LTE Band 5/7/12/17/41/71, NR Band 5/41
4. Ant.2 include GSM 1900, WCDMA Band 2/4, LTE Band 2/4/25/66, NR Band 2/25/66
5. Ant.3 include NR Band 77

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	<25	70	159	<25
ANT 2	<25	<25	<25	70	<25	151
ANT 3	<25	<25	<25	70	35	126
ANT 6	<25	<25	62	<25	<25	157
ANT 7	<25	<25	70	<25	<25	147

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	Yes	No	No	Yes
ANT 2	Yes	Yes	Yes	No	Yes	No
ANT 3	Yes	Yes	Yes	No	No	No
ANT 6	Yes	Yes	No	Yes	Yes	No
ANT 7	Yes	Yes	No	Yes	Yes	No

9.1 SAR Test Exclusion Consideration Table

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:

$$(\text{max.power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f(\text{GHz})} / x]$$

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

Mode	Channel	Frequency (GHz)	Max tune-up power (dBm)	Max. Power (mW)	Exposure Position	Head	Body-worn
					Test Dist.(mm)	0	10
NFC	/	0.01356	-2.50	0.56	Estimated SAR(W/kg)	0.000	0.000

10. Test Result

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
GSM 850 (voice)	Left Cheek	190	836.6	1.440	0.189	100.00	1.000	31.79	32.00	1.050	0.198	/
	Left Tilt	190	836.6	3.580	0.150	100.00	1.000	31.79	32.00	1.050	0.158	/
	Right Cheek	190	836.6	-4.090	0.207	100.00	1.000	31.79	32.00	1.050	0.217	1#
	Right Tilt	190	836.6	-3.270	0.168	100.00	1.000	31.79	32.00	1.050	0.176	/
Body(10mm 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 Scaled SAR (W/kg)	Meas. No.
GSM 850 (voice)	Front	190	836.6	1.260	0.307	100.00	1.000	31.79	32.00	1.050	0.322	/
	Back	190	836.6	3.450	0.371	100.00	1.000	31.79	32.00	1.050	0.390	/
	Left	190	836.6	-2.690	0.340	100.00	1.000	31.79	32.00	1.050	0.357	/
	Bottom	190	836.6	1.580	0.352	100.00	1.000	31.79	32.00	1.050	0.370	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
GPRS 850+4slots	Front	190	836.6	4.920	0.391	100.00	1.000	28.71	29.00	1.069	0.418	/
	Back	190	836.6	-2.230	0.690	100.00	1.000	28.71	29.00	1.069	0.738	2#
	Left	190	836.6	2.980	0.479	100.00	1.000	28.71	29.00	1.069	0.512	/
	Bottom	190	836.6	0.570	0.562	100.00	1.000	28.71	29.00	1.069	0.601	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
GSM 1900 (voice)	Left Cheek	661	1880.0	0.110	0.011	100.00	1.000	28.12	28.50	1.091	0.012	/
	Left Tilt	661	1880.0	3.750	0.008	100.00	1.000	28.12	28.50	1.091	0.009	/
	Right Cheek	661	1880.0	-2.580	0.013	100.00	1.000	28.12	28.50	1.091	0.014	3#
	Right Tilt	661	1880.0	1.960	0.010	100.00	1.000	28.12	28.50	1.091	0.011	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
GSM 1900 (voice)	Front	661	1880.0	0.490	0.001	100.00	1.000	28.12	28.50	1.091	0.001	/
	Back	661	1880.0	-1.660	0.001	100.00	1.000	28.12	28.50	1.091	0.001	/
	Left	661	1880.0	-3.430	0.001	100.00	1.000	28.12	28.50	1.091	0.001	/
	Top	661	1880.0	-0.840	0.001	100.00	1.000	28.12	28.50	1.091	0.001	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
GPRS 1900+4slots	Front	661	1880.0	4.750	0.001	100.00	1.000	25.14	25.50	1.086	0.001	/
	Back	661	1880.0	-2.330	0.002	100.00	1.000	25.14	25.50	1.086	0.002	4#
	Left	661	1880.0	-3.210	0.001	100.00	1.000	25.14	25.50	1.086	0.001	/
	Top	661	1880.0	3.860	0.001	100.00	1.000	25.14	25.50	1.086	0.001	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
WCDMA Band 2 (RMC*)	Left Cheek	9400	1880.0	-2.670	0.015	100.00	1.000	22.00	22.00	1.000	0.015	/
	Left Tilt	9400	1880.0	-4.290	0.011	100.00	1.000	22.00	22.00	1.000	0.011	/
	Right Cheek	9400	1880.0	3.150	0.019	100.00	1.000	22.00	22.00	1.000	0.019	5#
	Right Tilt	9400	1880.0	1.380	0.014	100.00	1.000	22.00	22.00	1.000	0.014	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
WCDMA Band 2 (RMC*)	Front	9400	1880.0	-4.220	0.003	100.00	1.000	22.00	22.00	1.000	0.003	/
	Back	9400	1880.0	3.590	0.004	100.00	1.000	22.00	22.00	1.000	0.004	6#
	Left	9400	1880.0	4.170	0.002	100.00	1.000	22.00	22.00	1.000	0.002	/
	Top	9400	1880.0	2.480	0.003	100.00	1.000	22.00	22.00	1.000	0.003	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
WCDMA Band 4 (RMC*)	Left Cheek	1513	1752.6	-1.890	0.008	100.00	1.000	21.89	22.00	1.026	0.008	/
	Left Tilt	1513	1752.6	2.440	0.005	100.00	1.000	21.89	22.00	1.026	0.005	/
	Right Cheek	1513	1752.6	0.760	0.010	100.00	1.000	21.89	22.00	1.026	0.010	7#
	Right Tilt	1513	1752.6	-3.970	0.007	100.00	1.000	21.89	22.00	1.026	0.007	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
WCDMA Band 4 (RMC*)	Front	1513	1752.6	-3.220	0.002	100.00	1.000	21.89	22.00	1.026	0.002	/
	Back	1513	1752.6	-2.470	0.003	100.00	1.000	21.89	22.00	1.026	0.003	8#
	Left	1513	1752.6	4.840	0.001	100.00	1.000	21.89	22.00	1.026	0.001	/
	Top	1513	1752.6	-0.150	0.002	100.00	1.000	21.89	22.00	1.026	0.002	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
WCDMA Band 5 (RMC*)	Left Cheek	4132	826.4	-4.590	0.192	100.00	1.000	22.91	23.00	1.021	0.196	/
	Left Tilt	4132	826.4	3.400	0.169	100.00	1.000	22.91	23.00	1.021	0.173	/
	Right Cheek	4132	826.4	-2.740	0.207	100.00	1.000	22.91	23.00	1.021	0.211	9#
	Right Tilt	4132	826.4	1.980	0.180	100.00	1.000	22.91	23.00	1.021	0.184	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
WCDMA Band 5 (RMC*)	Front	4132	826.4	-1.060	0.202	100.00	1.000	22.91	23.00	1.021	0.206	/
	Back	4132	826.4	-3.010	0.231	100.00	1.000	22.91	23.00	1.021	0.236	10#
	Left	4132	826.4	-3.410	0.182	100.00	1.000	22.91	23.00	1.021	0.186	/
	Bottom	4132	826.4	2.940	0.165	100.00	1.000	22.91	23.00	1.021	0.168	/

Head(0mm 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	Left Cheek	18900	1880.0	2.180	0.767	100.00	1.000	22.31	22.50	1.045	0.802	/
		Left Tilt	18900	1880.0	3.220	0.695	100.00	1.000	22.31	22.50	1.045	0.726	/
		Right Cheek	18700	1860.0	-1.790	0.801	100.00	1.000	22.19	22.50	1.074	0.860	/
		Right Cheek	18900	1880.0	-0.680	0.842	100.00	1.000	22.31	22.50	1.045	0.880	11#
		Right Cheek	19100	1900.0	-3.230	0.814	100.00	1.000	22.22	22.50	1.067	0.869	/
		Right Cheek (Repeat)	18900	1880.0	4.290	0.831	100.00	1.000	22.31	22.50	1.045	0.868	/
		Right Tilt	18900	1880.0	-0.230	0.728	100.00	1.000	22.31	22.50	1.045	0.761	/
	50%RB	Left Cheek	18900	1880.0	2.710	0.748	100.00	1.000	21.37	21.50	1.030	0.770	/
		Left Tilt	18900	1880.0	0.300	0.682	100.00	1.000	21.37	21.50	1.030	0.702	/
		Right Cheek	18900	1880.0	-4.980	0.794	100.00	1.000	21.37	21.50	1.030	0.818	/
		Right Tilt	18900	1880.0	3.260	0.705	100.00	1.000	21.37	21.50	1.030	0.726	/
	Body(hotspot open, 10mm 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	18900	1880.0	1.780	0.825	100.00	1.000	22.31	22.50	1.045	0.862	/
		Back	18700	1860.0	-3.560	0.948	100.00	1.000	22.19	22.50	1.074	1.018	/
		Back	18900	1880.0	-0.830	1.008	100.00	1.000	22.31	22.50	1.045	1.053	12#
		Back	19100	1900.0	4.290	0.974	100.00	1.000	22.22	22.50	1.067	1.039	/
		Back(Repeat)	18900	1880.0	-1.810	0.996	100.00	1.000	22.31	22.50	1.045	1.041	/
		Left	18900	1880.0	2.880	0.737	100.00	1.000	22.31	22.50	1.045	0.770	/
		Top	18900	1880.0	-3.540	0.620	100.00	1.000	22.31	22.50	1.045	0.648	/
	50%RB	Front	18900	1880.0	-2.190	0.739	100.00	1.000	21.37	21.50	1.030	0.761	/
		Back	18900	1880.0	3.470	0.943	100.00	1.000	21.37	21.50	1.030	0.971	/
		Left	18900	1880.0	2.580	0.642	100.00	1.000	21.37	21.50	1.030	0.661	/
		Top	18900	1880.0	-3.610	0.589	100.00	1.000	21.37	21.50	1.030	0.607	/

Head(0mm 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	Left Cheek	20175	1732.5	2.370	0.958	100.00	1.000	22.13	22.50	1.089	1.043	/	
		Left Tilt	20175	1732.5	-4.950	0.802	100.00	1.000	22.13	22.50	1.089	0.873	/	
		Right Cheek	20050	1720.0	-0.940	0.969	100.00	1.000	21.99	22.00	1.002	0.971	/	
		Right Cheek	20175	1732.5	-1.150	1.005	100.00	1.000	22.13	22.50	1.089	1.094	13#	
		Right Cheek	20300	1745.0	2.850	0.986	100.00	1.000	22.12	22.50	1.091	1.076	/	
		Right Cheek(Repeat)	20175	1732.5	3.610	0.997	100.00	1.000	22.13	22.50	1.089	1.086	/	
		Right Tilt	20175	1732.5	3.770	0.875	100.00	1.000	22.13	22.50	1.089	0.953	/	
	50%RB	Left Cheek	20175	1732.5	-4.960	0.967	100.00	1.000	21.17	21.50	1.079	1.043	/	
		Left Tilt	20175	1732.5	1.820	0.942	100.00	1.000	21.17	21.50	1.079	1.016	/	
		Right Cheek	20175	1732.5	-3.460	0.981	100.00	1.000	21.17	21.50	1.079	1.058	/	
		Right Tilt	20175	1732.5	3.190	0.955	100.00	1.000	21.17	21.50	1.079	1.030	/	

Body(hotspot open, 10mm 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	20175	1732.5	3.470	0.517	100.00	1.000	22.13	22.50	1.089	0.563	/	
		Back	20175	1732.5	-1.880	0.627	100.00	1.000	22.13	22.50	1.089	0.683	14#	
		Left	20175	1732.5	-1.020	0.452	100.00	1.000	22.13	22.50	1.089	0.492	/	
		Top	20175	1732.5	3.800	0.398	100.00	1.000	22.13	22.50	1.089	0.433	/	
	50%RB	Front	20175	1732.5	2.450	0.476	100.00	1.000	21.17	21.50	1.079	0.514	/	
		Back	20175	1732.5	-3.640	0.581	100.00	1.000	21.17	21.50	1.079	0.627	/	
		Left	20175	1732.5	1.960	0.412	100.00	1.000	21.17	21.50	1.079	0.445	/	
		Top	20175	1732.5	-2.870	0.362	100.00	1.000	21.17	21.50	1.079	0.391	/	

Head(0mm 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	Left Cheek	20600	844.0	3.780	0.212	100.00	1.000	23.09	23.50	1.099	0.233	/	
		Left Tilt	20600	844.0	-4.230	0.192	100.00	1.000	23.09	23.50	1.099	0.211	/	
		Right Cheek	20600	844.0	-2.490	0.235	100.00	1.000	23.09	23.50	1.099	0.258	15#	
		Right Tilt	20600	844.0	1.990	0.201	100.00	1.000	23.09	23.50	1.099	0.221	/	
	50%RB	Left Cheek	20600	844.0	3.580	0.203	100.00	1.000	22.11	22.50	1.094	0.222	/	
		Left Tilt	20600	844.0	-4.120	0.182	100.00	1.000	22.11	22.50	1.094	0.199	/	
		Right Cheek	20600	844.0	-3.790	0.220	100.00	1.000	22.11	22.50	1.094	0.241	/	
		Right Tilt	20600	844.0	1.530	0.191	100.00	1.000	22.11	22.50	1.094	0.209	/	

Body(hotspot open, 10mm 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	20600	844.0	4.790	0.295	100.00	1.000	23.09	23.50	1.099	0.324	/	
		Back	20600	844.0	-2.150	0.342	100.00	1.000	23.09	23.50	1.099	0.376	16#	
		Left	20600	844.0	-0.250	0.240	100.00	1.000	23.09	23.50	1.099	0.264	/	
		Bottom	20600	844.0	3.200	0.262	100.00	1.000	23.09	23.50	1.099	0.288	/	
	50%RB	Front	20600	844.0	-4.820	0.273	100.00	1.000	22.11	22.50	1.094	0.299	/	
		Back	20600	844.0	3.960	0.312	100.00	1.000	22.11	22.50	1.094	0.341	/	
		Left	20600	844.0	1.040	0.222	100.00	1.000	22.11	22.50	1.094	0.243	/	
		Bottom	20600	844.0	-3.660	0.237	100.00	1.000	22.11	22.50	1.094	0.259	/	

Head(0mm 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	Left Cheek	20850	2510.0	2.780	0.120	100.00	1.000	22.62	23.00	1.091	0.131	/	
		Left Tilt	20850	2510.0	-1.350	0.095	100.00	1.000	22.62	23.00	1.091	0.104	/	
		Right Cheek	20850	2510.0	-4.560	0.133	100.00	1.000	22.62	23.00	1.091	0.145	17#	
		Right Tilt	20850	2510.0	-4.010	0.106	100.00	1.000	22.62	23.00	1.091	0.116	/	
	50%RB	Left Cheek	20850	2510.0	3.480	0.117	100.00	1.000	21.92	22.00	1.019	0.119	/	
		Left Tilt	20850	2510.0	3.410	0.087	100.00	1.000	21.92	22.00	1.019	0.089	/	
		Right Cheek	20850	2510.0	0.960	0.121	100.00	1.000	21.92	22.00	1.019	0.123	/	
		Right Tilt	20850	2510.0	-2.370	0.098	100.00	1.000	21.92	22.00	1.019	0.100	/	

Body(hotspot open, 10mm 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	-3.680	0.310	100.00	1.000	22.62	23.00	1.091	0.338	/	
		Back	20850	2510.0	-1.210	0.377	100.00	1.000	22.62	23.00	1.091	0.411	18#	
		Left	20850	2510.0	2.710	0.263	100.00	1.000	22.62	23.00	1.091	0.287	/	
		Bottom	20850	2510.0	4.670	0.282	100.00	1.000	22.62	23.00	1.091	0.308	/	
	50%RB	Front	20850	2510.0	-3.140	0.290	100.00	1.000	21.92	22.00	1.019	0.296	/	
		Back	20850	2510.0	-0.040	0.351	100.00	1.000	21.92	22.00	1.019	0.358	/	
		Left	20850	2510.0	2.960	0.252	100.00	1.000	21.92	22.00	1.019	0.257	/	
		Bottom	20850	2510.0	-1.770	0.273	100.00	1.000	21.92	22.00	1.019	0.278	/	

Head(0mm 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	Left Cheek	23060	704.0	-3.410	0.121	100.00	1.000	22.86	23.00	1.033	0.125	/	
		Left Tilt	23060	704.0	2.860	0.100	100.00	1.000	22.86	23.00	1.033	0.103	/	
		Right Cheek	23060	704.0	0.210	0.143	100.00	1.000	22.86	23.00	1.033	0.148	19#	
		Right Tilt	23060	704.0	1.470	0.114	100.00	1.000	22.86	23.00	1.033	0.118	/	
	50%RB	Left Cheek	23060	704.0	-3.120	0.110	100.00	1.000	21.87	22.00	1.030	0.113	/	
		Left Tilt	23060	704.0	-1.220	0.089	100.00	1.000	21.87	22.00	1.030	0.092	/	
		Right Cheek	23060	704.0	0.080	0.132	100.00	1.000	21.87	22.00	1.030	0.136	/	
		Right Tilt	23060	704.0	-3.300	0.102	100.00	1.000	21.87	22.00	1.030	0.105	/	

Body(hotspot open, 10mm 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	3.170	0.215	100.00	1.000	22.86	23.00	1.033	0.222	/	
		Back	23060	704.0	-4.300	0.246	100.00	1.000	22.86	23.00	1.033	0.254	20#	
		Left	23060	704.0	-1.680	0.157	100.00	1.000	22.86	23.00	1.033	0.162	/	
		Bottom	23060	704.0	2.470	0.182	100.00	1.000	22.86	23.00	1.033	0.188	/	
	50%RB	Front	23060	704.0	1.650	0.196	100.00	1.000	21.87	22.00	1.030	0.202	/	
		Back	23060	704.0	-1.580	0.218	100.00	1.000	21.87	22.00	1.030	0.225	/	
		Left	23060	704.0	3.620	0.130	100.00	1.000	21.87	22.00	1.030	0.134	/	
		Bottom	23060	704.0	1.430	0.158	100.00	1.000	21.87	22.00	1.030	0.163	/	

Head(0mm 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 17 (BW: 10MHz)	1RB	Left Cheek	23800	711	2.490	0.136	100.00	1.000	22.97	23.00	1.007	0.137	/	
		Left Tilt	23800	711	-3.650	0.111	100.00	1.000	22.97	23.00	1.007	0.112	/	
		Right Cheek	23800	711	-1.240	0.155	100.00	1.000	22.97	23.00	1.007	0.156	21#	
		Right Tilt	23800	711	0.580	0.120	100.00	1.000	22.97	23.00	1.007	0.121	/	
	50%RB	Left Cheek	23800	711	-0.100	0.121	100.00	1.000	21.91	22.00	1.021	0.124	/	
		Left Tilt	23800	711	2.310	0.099	100.00	1.000	21.91	22.00	1.021	0.101	/	
		Right Cheek	23800	711	-3.740	0.132	100.00	1.000	21.91	22.00	1.021	0.135	/	
		Right Tilt	23800	711	0.560	0.108	100.00	1.000	21.91	22.00	1.021	0.110	/	

Body(hotspot open, 10mm 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 17 (BW: 10MHz)	1RB	Front	23800	711	3.120	0.241	100.00	1.000	22.97	23.00	1.007	0.243	/	
		Back	23800	711	-4.980	0.263	100.00	1.000	22.97	23.00	1.007	0.265	22#	
		Left	23800	711	0.280	0.185	100.00	1.000	22.97	23.00	1.007	0.186	/	
		Bottom	23800	711	1.470	0.202	100.00	1.000	22.97	23.00	1.007	0.203	/	
	50%RB	Front	23800	711	-2.990	0.211	100.00	1.000	21.91	22.00	1.021	0.215	/	
		Back	23800	711	-0.480	0.230	100.00	1.000	21.91	22.00	1.021	0.235	/	
		Left	23800	711	-1.260	0.159	100.00	1.000	21.91	22.00	1.021	0.162	/	
		Bottom	23800	711	0.090	0.191	100.00	1.000	21.91	22.00	1.021	0.195	/	

Head(0mm 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	Left Cheek	26365	1882.5	2.890	0.823	100.00	1.000	22.44	22.50	1.014	0.829	/
		Left Tilt	26365	1882.5	-3.420	0.681	100.00	1.000	22.44	22.50	1.014	0.686	/
		Right Cheek	26140	1860.0	2.660	0.769	100.00	1.000	22.32	22.50	1.042	0.774	/
		Right Cheek	26365	1882.5	-0.410	0.887	100.00	1.000	22.44	22.50	1.014	0.893	23#
		Right Cheek	26590	1905.0	3.080	0.798	100.00	1.000	22.39	22.50	1.026	0.815	/
		Right Cheek (Repeat)	26365	1882.5	-2.190	0.858	100.00	1.000	22.44	22.50	1.014	0.876	/
		Right Tilt	26365	1882.5	3.270	0.694	100.00	1.000	22.44	22.50	1.014	0.709	/
	50%RB	Left Cheek	26365	1882.5	1.650	0.769	100.00	1.000	21.48	21.50	1.005	0.785	/
		Left Tilt	26365	1882.5	-4.310	0.630	100.00	1.000	21.48	21.50	1.005	0.680	/
		Right Cheek	26365	1882.5	3.860	0.803	100.00	1.000	21.48	21.50	1.005	0.866	/
		Right Tilt	26365	1882.5	-2.440	0.665	100.00	1.000	21.48	21.50	1.005	0.718	/

Body(hotspot open, 10mm 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	26365	1882.5	3.520	0.596	100.00	1.000	22.44	22.50	1.014	0.604	/
		Back	26365	1882.5	-1.590	0.702	100.00	1.000	22.44	22.50	1.014	0.712	24#
		Left	26365	1882.5	1.490	0.469	100.00	1.000	22.44	22.50	1.014	0.476	/
		Top	26365	1882.5	-4.240	0.395	100.00	1.000	22.44	22.50	1.014	0.401	/
	50%RB	Front	26365	1882.5	1.980	0.525	100.00	1.000	21.48	21.50	1.005	0.528	/
		Back	26365	1882.5	3.180	0.643	100.00	1.000	21.48	21.50	1.005	0.646	/
		Left	26365	1882.5	-2.560	0.403	100.00	1.000	21.48	21.50	1.005	0.405	/
		Top	26365	1882.5	-0.300	0.322	100.00	1.000	21.48	21.50	1.005	0.324	/

Head(0mm 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	Left Cheek	41490	2680.0	-1.920	0.056	100.00	1.000	22.00	22.00	1.000	0.056	/
		Left Tilt	41490	2680.0	3.140	0.043	100.00	1.000	22.00	22.00	1.000	0.043	/
		Right Cheek	41490	2680.0	2.440	0.061	100.00	1.000	22.00	22.00	1.000	0.061	25#
		Right Tilt	41490	2680.0	1.890	0.050	100.00	1.000	22.00	22.00	1.000	0.050	/
	50%RB	Left Cheek	41490	2680.0	-3.240	0.048	100.00	1.000	21.18	21.50	1.076	0.052	/
		Left Tilt	41490	2680.0	0.220	0.038	100.00	1.000	21.18	21.50	1.076	0.041	/
		Right Cheek	41490	2680.0	-4.570	0.055	100.00	1.000	21.18	21.50	1.076	0.059	/
		Right Tilt	41490	2680.0	-3.280	0.041	100.00	1.000	21.18	21.50	1.076	0.044	/

Body(hotspot open, 10mm 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	41490	2680.0	1.750	0.293	100.00	1.000	22.00	22.00	1.000	0.293	/
		Back	41490	2680.0	-2.110	0.362	100.00	1.000	22.00	22.00	1.000	0.362	26#
		Left	41490	2680.0	3.670	0.170	100.00	1.000	22.00	22.00	1.000	0.170	/
		Bottom	41490	2680.0	4.980	0.216	100.00	1.000	22.00	22.00	1.000	0.216	/
	50%RB	Front	41490	2680.0	-2.010	0.261	100.00	1.000	21.18	21.50	1.076	0.281	/
		Back	41490	2680.0	-3.630	0.332	100.00	1.000	21.18	21.50	1.076	0.357	/
		Left	41490	2680.0	4.120	0.142	100.00	1.000	21.18	21.50	1.076	0.153	/
		Bottom	41490	2680.0	1.880	0.187	100.00	1.000	21.18	21.50	1.076	0.201	/

Head(0mm 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	Left Cheek	132572	1770.0	3.190	0.979	100.00	1.000	22.48	22.50	1.005	0.984	/
		Left Tilt	132572	1770.0	-3.240	0.768	100.00	1.000	22.48	22.50	1.005	0.772	/
		Right Cheek	132072	1720.0	1.950	0.971	100.00	1.000	22.27	22.50	1.054	1.023	/
		Right Cheek	132322	1745.0	2.450	0.983	100.00	1.000	22.41	22.50	1.021	1.004	/
		Right Cheek	132572	1770.0	-0.500	1.046	100.00	1.000	22.48	22.50	1.005	1.051	27#
		Right Cheek (Repeat)	132572	1770.0	-3.610	1.020	100.00	1.000	22.48	22.50	1.005	1.025	/
		Right Tilt	132322	1745.0	1.080	0.795	100.00	1.000	22.48	22.50	1.005	0.799	/
	50%RB	Left Cheek	132322	1745.0	3.700	0.936	100.00	1.000	21.61	22.00	1.094	1.024	/
		Left Tilt	132322	1745.0	-4.210	0.784	100.00	1.000	21.61	22.00	1.094	0.858	/
		Right Cheek	132322	1745.0	4.760	0.960	100.00	1.000	21.61	22.00	1.094	1.050	/
		Right Tilt	132322	1745.0	3.150	0.827	100.00	1.000	21.61	22.00	1.094	0.905	/

Body(hotspot open, 10mm 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	132572	1770.0	2.130	0.421	100.00	1.000	22.48	22.50	1.005	0.423	/	
		Back	132572	1770.0	-0.790	0.513	100.00	1.000	22.48	22.50	1.005	0.516	28#	
		Left	132572	1770.0	-4.290	0.376	100.00	1.000	22.48	22.50	1.005	0.378	/	
		Top	132572	1770.0	0.600	0.332	100.00	1.000	22.48	22.50	1.005	0.334	/	
	50%RB	Front	132572	1770.0	-1.850	0.391	100.00	1.000	21.61	22.00	1.094	0.428	/	
		Back	132572	1770.0	3.040	0.485	100.00	1.000	21.61	22.00	1.094	0.531	/	
		Left	132572	1770.0	-2.630	0.348	100.00	1.000	21.61	22.00	1.094	0.381	/	
		Top	132572	1770.0	3.350	0.302	100.00	1.000	21.61	22.00	1.094	0.330	/	

Head(0mm 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	Left Cheek	133322	683.0	-4.690	0.122	100.00	1.000	23.10	23.50	1.096	0.134	/	
		Left Tilt	133322	683.0	-4.550	0.101	100.00	1.000	23.10	23.50	1.096	0.111	/	
		Right Cheek	133322	683.0	-3.480	0.139	100.00	1.000	23.10	23.50	1.096	0.152	29#	
		Right Tilt	133322	683.0	1.790	0.110	100.00	1.000	23.10	23.50	1.096	0.121	/	
	50%RB	Left Cheek	133322	683.0	2.340	0.117	100.00	1.000	22.17	22.50	1.079	0.126	/	
		Left Tilt	133322	683.0	-1.740	0.094	100.00	1.000	22.17	22.50	1.079	0.101	/	
		Right Cheek	133322	683.0	2.120	0.125	100.00	1.000	22.17	22.50	1.079	0.135	/	
		Right Tilt	133322	683.0	0.820	0.103	100.00	1.000	22.17	22.50	1.079	0.111	/	

Body(hotspot open, 10mm 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	4.330	0.185	100.00	1.000	23.10	23.50	1.096	0.203	/	
		Back	133322	683.0	-2.060	0.223	100.00	1.000	23.10	23.50	1.096	0.244	30#	
		Left	133322	683.0	-0.960	0.149	100.00	1.000	23.10	23.50	1.096	0.163	/	
		Bottom	133322	683.0	1.470	0.153	100.00	1.000	23.10	23.50	1.096	0.168	/	
	50%RB	Front	133322	683.0	2.160	0.172	100.00	1.000	22.17	22.50	1.079	0.186	/	
		Back	133322	683.0	-3.220	0.205	100.00	1.000	22.17	22.50	1.079	0.221	/	
		Left	133322	683.0	2.500	0.141	100.00	1.000	22.17	22.50	1.079	0.152	/	
		Bottom	133322	683.0	-1.980	0.144	100.00	1.000	22.17	22.50	1.079	0.155	/	

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N2	Left Cheek	378000	1890.0	-1.550	0.692	100.00	1.000	23.77	24.00	1.054	0.729	/
	Left Tilt	378000	1890.0	-0.480	0.355	100.00	1.000	23.77	24.00	1.054	0.374	/
	Right Cheek	378000	1890.0	3.610	0.701	100.00	1.000	23.77	24.00	1.054	0.739	31#
	Right Tilt	378000	1890.0	2.250	0.362	100.00	1.000	23.77	24.00	1.054	0.382	/

Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N2	Front	378000	1890.0	-3.110	0.321	100.00	1.000	23.77	24.00	1.054	0.338	/
	Back	378000	1890.0	3.490	0.364	100.00	1.000	23.77	24.00	1.054	0.384	32#
	Left	378000	1890.0	-1.470	0.243	100.00	1.000	23.77	24.00	1.054	0.256	/
	Top	378000	1890.0	2.050	0.285	100.00	1.000	23.77	24.00	1.054	0.300	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N5	Left Cheek	166800	834.0	-1.620	0.085	100.00	1.000	24.02	24.50	1.117	0.095	/
	Left Tilt	166800	834.0	1.830	0.041	100.00	1.000	24.02	24.50	1.117	0.046	/
	Right Cheek	166800	834.0	-3.240	0.090	100.00	1.000	24.02	24.50	1.117	0.101	33#
	Right Tilt	166800	834.0	0.480	0.046	100.00	1.000	24.02	24.50	1.117	0.051	/

Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N5	Front	166800	834.0	-2.200	0.077	100.00	1.000	24.02	24.50	1.117	0.086	/
	Back	166800	834.0	1.430	0.084	100.00	1.000	24.02	24.50	1.117	0.094	34#
	Left	166800	834.0	-4.150	0.062	100.00	1.000	24.02	24.50	1.117	0.069	/
	Top	166800	834.0	-3.260	0.071	100.00	1.000	24.02	24.50	1.117	0.079	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N25	Left Cheek	381000	1905.0	1.220	0.546	100.00	1.000	23.01	23.50	1.119	0.611	/
	Left Tilt	381000	1905.0	-1.090	0.253	100.00	1.000	23.01	23.50	1.119	0.283	/
	Right Cheek	381000	1905.0	-0.850	0.551	100.00	1.000	23.01	23.50	1.119	0.617	35#
	Right Tilt	381000	1905.0	-3.160	0.266	100.00	1.000	23.01	23.50	1.119	0.298	/

Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N25	Front	381000	1905.0	-0.820	0.351	100.00	1.000	23.01	23.50	1.119	0.393	/
	Back	381000	1905.0	2.960	0.388	100.00	1.000	23.01	23.50	1.119	0.434	36#
	Left	381000	1905.0	1.630	0.264	100.00	1.000	23.01	23.50	1.119	0.295	/
	Top	381000	1905.0	3.250	0.315	100.00	1.000	23.01	23.50	1.119	0.352	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N41	Left Cheek	528000	2640.0	-0.680	0.013	100.00	1.000	26.32	26.50	1.042	0.014	/
	Left Tilt	528000	2640.0	3.650	0.008	100.00	1.000	26.32	26.50	1.042	0.008	/
	Right Cheek	528000	2640.0	-2.970	0.017	100.00	1.000	26.32	26.50	1.042	0.018	37#
	Right Tilt	528000	2640.0	-1.440	0.009	100.00	1.000	26.32	26.50	1.042	0.009	/

Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N41	Front	528000	2640.0	2.690	0.435	100.00	1.000	26.32	26.50	1.042	0.453	/
	Back	528000	2640.0	-1.810	0.483	100.00	1.000	26.32	26.50	1.042	0.503	38#
	Left	528000	2640.0	-3.230	0.319	100.00	1.000	26.32	26.50	1.042	0.332	/
	Top	528000	2640.0	-4.160	0.364	100.00	1.000	26.32	26.50	1.042	0.379	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N66	Left Cheek	346500	1732.5	2.660	1.028	100.00	1.000	18.78	19.00	1.052	1.081	/
	Left Tilt	346500	1732.5	-0.650	0.545	100.00	1.000	18.78	19.00	1.052	0.573	/
	Right Cheek	346500	1732.5	-1.360	1.057	100.00	1.000	18.78	19.00	1.052	1.112	39#
	Right Cheek (Repeat)	346500	1732.5	4.190	1.046	100.00	1.000	18.78	19.00	1.052	1.100	/
	Right Cheek	349000	1745.0	3.050	0.946	100.00	1.000	18.71	19.00	1.069	1.011	/
	Right Cheek	351500	1757.5	1.840	0.852	100.00	1.000	18.19	18.50	1.074	0.915	/
	Right Tilt	346500	1732.5	3.100	0.564	100.00	1.000	18.78	19.00	1.052	0.593	/

Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N66	Front	346500	1732.5	1.550	0.197	100.00	1.000	18.78	19.00	1.052	0.207	/
	Back	346500	1732.5	-4.690	0.235	100.00	1.000	18.78	19.00	1.052	0.247	40#
	Left	346500	1732.5	2.610	0.113	100.00	1.000	18.78	19.00	1.052	0.119	/
	Bottom	346500	1732.5	-0.660	0.154	100.00	1.000	18.78	19.00	1.052	0.162	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N77	Left Cheek	656000	3840.0	3.080	0.340	100.00	1.000	23.59	24.00	1.099	0.374	/
	Left Tilt	656000	3840.0	2.650	0.165	100.00	1.000	23.59	24.00	1.099	0.181	/
	Right Cheek	656000	3840.0	-0.260	0.349	100.00	1.000	23.59	24.00	1.099	0.384	41#
	Right Tilt	656000	3840.0	1.590	0.174	100.00	1.000	23.59	24.00	1.099	0.191	/

Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
30K_N77	Front	656000	3840.0	1.480	0.073	100.00	1.000	23.59	24.00	1.099	0.080	/
	Back	656000	3840.0	-2.660	0.088	100.00	1.000	23.59	24.00	1.099	0.097	42#
	Left	656000	3840.0	-2.600	0.054	100.00	1.000	23.59	24.00	1.099	0.059	/
	Top	656000	3840.0	-1.210	0.066	100.00	1.000	23.59	24.00	1.099	0.073	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
2.4g (2.4~2.4835) 802.11b Ant.1	Left Cheek	1	2412	1.330	0.374	100.00	1.000	13.74	14.00	1.062	0.397	/
	Left Tilt	1	2412	-2.880	0.192	100.00	1.000	13.74	14.00	1.062	0.204	/
	Right Cheek	1	2412	-2.850	0.385	100.00	1.000	13.74	14.00	1.062	0.409	/
	Right Tilt	1	2412	-1.480	0.200	100.00	1.000	13.74	14.00	1.062	0.212	/
2.4g (2.4~2.4835) 802.11b Ant.2	Left Cheek	1	2412	-2.800	0.430	100.00	1.000	13.24	13.50	1.062	0.457	/
	Left Tilt	1	2412	-2.940	0.221	100.00	1.000	13.24	13.50	1.062	0.235	/
	Right Cheek	1	2412	-1.650	0.436	100.00	1.000	13.24	13.50	1.062	0.463	43#
	Right Tilt	1	2412	-3.150	0.225	100.00	1.000	13.24	13.50	1.062	0.239	/
2.4g (2.4~2.4835) 802.11n(HT20) MIMO	Left Cheek	1	2412	-2.540	0.378	100.00	1.000	16.07	16.50	1.104	0.417	/
	Left Tilt	1	2412	-1.310	0.184	100.00	1.000	16.07	16.50	1.104	0.203	/
	Right Cheek	1	2412	-2.800	0.382	100.00	1.000	16.07	16.50	1.104	0.422	/
	Right Tilt	1	2412	-2.850	0.192	100.00	1.000	16.07	16.50	1.104	0.212	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
2.4g (2.4~2.4835) 802.11b Ant.1	Front	1	2412	-2.990	0.135	100.00	1.000	13.74	14.00	1.062	0.143	/
	Back	1	2412	3.590	0.159	100.00	1.000	13.74	14.00	1.062	0.169	/
	Right	1	2412	1.560	0.070	100.00	1.000	13.74	14.00	1.062	0.074	/
	Top	1	2412	-2.980	0.107	100.00	1.000	13.74	14.00	1.062	0.114	/
2.4g (2.4~2.4835) 802.11b Ant.2	Front	1	2412	-0.700	0.143	100.00	1.000	13.24	13.50	1.062	0.152	/
	Back	1	2412	-1.160	0.176	100.00	1.000	13.24	13.50	1.062	0.187	44#
	Right	1	2412	-2.840	0.079	100.00	1.000	13.24	13.50	1.062	0.084	/
	Top	1	2412	-2.370	0.115	100.00	1.000	13.24	13.50	1.062	0.122	/
2.4g (2.4~2.4835) 802.11n(HT20) MIMO	Front	1	2412	-1.310	0.130	100.00	1.000	16.07	16.50	1.104	0.144	/
	Back	1	2412	-2.710	0.152	100.00	1.000	16.07	16.50	1.104	0.168	/
	Right	1	2412	-3.010	0.065	100.00	1.000	16.07	16.50	1.104	0.072	/
	Top	1	2412	-0.840	0.100	100.00	1.000	16.07	16.50	1.104	0.110	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-1 (5.150~5.250) 802.11n(HT40) Ant.1	Left Cheek	46	5230	1.180	0.225	100.00	1.000	14.70	15.00	1.072	0.241	/
	Left Tilt	46	5230	3.100	0.112	100.00	1.000	14.70	15.00	1.072	0.120	/
	Right Cheek	46	5230	-3.540	0.232	100.00	1.000	14.70	15.00	1.072	0.249	/
	Right Tilt	46	5230	-1.750	0.118	100.00	1.000	14.70	15.00	1.072	0.126	/
U-NII-1 (5.150~5.250) 802.11n(HT40) Ant.2	Left Cheek	46	5230	2.090	0.252	100.00	1.000	16.82	17.00	1.042	0.263	/
	Left Tilt	46	5230	-1.770	0.131	100.00	1.000	16.82	17.00	1.042	0.137	/
	Right Cheek	46	5230	-2.900	0.259	100.00	1.000	16.82	17.00	1.042	0.270	45#
	Right Tilt	46	5230	0.910	0.137	100.00	1.000	16.82	17.00	1.042	0.143	/
U-NII-1 (5.150~5.250) 802.11n(HT40) MIMO	Left Cheek	46	5230	3.410	0.215	100.00	1.000	18.90	19.00	1.023	0.220	/
	Left Tilt	46	5230	-3.370	0.098	100.00	1.000	18.90	19.00	1.023	0.100	/
	Right Cheek	46	5230	-1.750	0.221	100.00	1.000	18.90	19.00	1.023	0.226	/
	Right Tilt	46	5230	2.180	0.105	100.00	1.000	18.90	19.00	1.023	0.107	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-1 (5.150~5.250) 802.11n(HT40) Ant.1	Front	46	5230	0.930	0.031	100.00	1.000	14.70	15.00	1.072	0.033	/
	Back	46	5230	2.830	0.035	100.00	1.000	14.70	15.00	1.072	0.038	/
	Right	46	5230	-3.230	0.021	100.00	1.000	14.70	15.00	1.072	0.023	/
	Top	46	5230	-1.580	0.026	100.00	1.000	14.70	15.00	1.072	0.028	/
U-NII-1 (5.150~5.250) 802.11n(HT40) Ant.2	Front	46	5230	2.090	0.042	100.00	1.000	16.82	17.00	1.042	0.044	/
	Back	46	5230	0.660	0.047	100.00	1.000	16.82	17.00	1.042	0.049	46#
	Right	46	5230	4.150	0.032	100.00	1.000	16.82	17.00	1.042	0.033	/
	Top	46	5230	1.220	0.037	100.00	1.000	16.82	17.00	1.042	0.039	/
U-NII-1 (5.150~5.250) 802.11n(HT40) MIMO	Front	46	5230	3.580	0.025	100.00	1.000	18.90	19.00	1.023	0.026	/
	Back	46	5230	-3.370	0.030	100.00	1.000	18.90	19.00	1.023	0.031	/
	Right	46	5230	-1.660	0.014	100.00	1.000	18.90	19.00	1.023	0.014	/
	Top	46	5230	2.020	0.021	100.00	1.000	18.90	19.00	1.023	0.021	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-2a (5.250~5.350) 802.11n(HT40) Ant.1	Left Cheek	54	5270	4.000	0.278	100.00	1.000	14.91	15.00	1.021	0.284	/
	Left Tilt	54	5270	1.010	0.132	100.00	1.000	14.91	15.00	1.021	0.135	/
	Right Cheek	54	5270	3.330	0.285	100.00	1.000	14.91	15.00	1.021	0.291	/
	Right Tilt	54	5270	-3.640	0.137	100.00	1.000	14.91	15.00	1.021	0.140	/
U-NII-2a (5.250~5.350) 802.11n(HT40) Ant.2	Left Cheek	62	5310	-1.350	0.306	100.00	1.000	16.02	16.50	1.117	0.342	/
	Left Tilt	62	5310	2.190	0.151	100.00	1.000	16.02	16.50	1.117	0.169	/
	Right Cheek	62	5310	1.060	0.313	100.00	1.000	16.02	16.50	1.117	0.350	47#
	Right Tilt	62	5310	-1.310	0.156	100.00	1.000	16.02	16.50	1.117	0.174	/
U-NII-2a (5.250~5.350) 802.11n(HT40) MIMO	Left Cheek	54	5270	1.170	0.270	100.00	1.000	18.48	18.50	1.005	0.271	/
	Left Tilt	54	5270	3.300	0.122	100.00	1.000	18.48	18.50	1.005	0.123	/
	Right Cheek	54	5270	-2.550	0.275	100.00	1.000	18.48	18.50	1.005	0.276	/
	Right Tilt	54	5270	-1.510	0.128	100.00	1.000	18.48	18.50	1.005	0.129	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-2a (5.250~5.350) 802.11n(HT40) Ant.1	Front	54	5270	-1.530	0.107	100.00	1.000	14.91	15.00	1.021	0.109	/
	Back	54	5270	0.920	0.128	100.00	1.000	14.91	15.00	1.021	0.131	/
	Right	54	5270	3.030	0.073	100.00	1.000	14.91	15.00	1.021	0.075	/
	Top	54	5270	-2.240	0.093	100.00	1.000	14.91	15.00	1.021	0.095	/
U-NII-2a (5.250~5.350) 802.11n(HT40) Ant.2	Front	62	5310	4.050	0.112	100.00	1.000	16.02	16.50	1.117	0.125	/
	Back	62	5310	-2.250	0.139	100.00	1.000	16.02	16.50	1.117	0.155	48#
	Right	62	5310	2.650	0.078	100.00	1.000	16.02	16.50	1.117	0.087	/
	Top	62	5310	1.480	0.092	100.00	1.000	16.02	16.50	1.117	0.103	/
U-NII-2a (5.250~5.350) 802.11n(HT40) MIMO	Front	54	5270	-3.040	0.092	100.00	1.000	18.48	18.50	1.005	0.092	/
	Back	54	5270	2.110	0.115	100.00	1.000	18.48	18.50	1.005	0.116	/
	Right	54	5270	-1.120	0.065	100.00	1.000	18.48	18.50	1.005	0.065	/
	Top	54	5270	3.240	0.079	100.00	1.000	18.48	18.50	1.005	0.079	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-2c (5.470~5.725) 802.11ac(VHT40) Ant.1	Left Cheek	118	5590	2.500	0.317	100.00	1.000	15.13	15.50	1.089	0.345	/
	Left Tilt	118	5590	1.260	0.159	100.00	1.000	15.13	15.50	1.089	0.173	/
	Right Cheek	118	5590	-3.290	0.324	100.00	1.000	15.13	15.50	1.089	0.353	/
	Right Tilt	118	5590	1.840	0.164	100.00	1.000	15.13	15.50	1.089	0.179	/
U-NII-2c (5.470~5.725) 802.11n(HT20) Ant.2	Left Cheek	140	5700	-0.810	0.340	100.00	1.000	16.36	16.50	1.033	0.351	/
	Left Tilt	140	5700	2.660	0.168	100.00	1.000	16.36	16.50	1.033	0.174	/
	Right Cheek	140	5700	1.450	0.345	100.00	1.000	16.36	16.50	1.033	0.356	49#
	Right Tilt	140	5700	0.990	0.174	100.00	1.000	16.36	16.50	1.033	0.180	/
U-NII-2c (5.470~5.725) 802.11ac(VHT40) MIMO	Left Cheek	118	5590	-2.980	0.302	100.00	1.000	18.08	18.50	1.102	0.333	/
	Left Tilt	118	5590	2.010	0.150	100.00	1.000	18.08	18.50	1.102	0.165	/
	Right Cheek	118	5590	-0.810	0.310	100.00	1.000	18.08	18.50	1.102	0.342	/
	Right Tilt	118	5590	2.750	0.154	100.00	1.000	18.08	18.50	1.102	0.170	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-2c (5.470~5.725) 802.11ac(VHT40) Ant.1	Front	118	5590	2.350	0.115	100.00	1.000	15.13	15.50	1.089	0.125	/
	Back	118	5590	1.040	0.135	100.00	1.000	15.13	15.50	1.089	0.147	/
	Right	118	5590	-3.540	0.085	100.00	1.000	15.13	15.50	1.089	0.093	/
	Top	118	5590	1.570	0.094	100.00	1.000	15.13	15.50	1.089	0.102	/
U-NII-2c (5.470~5.725) 802.11n(HT20) Ant.2	Front	140	5700	-0.500	0.120	100.00	1.000	16.36	16.50	1.033	0.124	/
	Back	140	5700	-3.000	0.143	100.00	1.000	16.36	16.50	1.033	0.148	50#
	Right	140	5700	2.660	0.091	100.00	1.000	16.36	16.50	1.033	0.094	/
	Top	140	5700	1.210	0.106	100.00	1.000	16.36	16.50	1.033	0.109	/
U-NII-2c (5.470~5.725) 802.11ac(VHT40) MIMO	Front	118	5590	-3.540	0.105	100.00	1.000	18.08	18.50	1.102	0.116	/
	Back	118	5590	1.330	0.122	100.00	1.000	18.08	18.50	1.102	0.134	/
	Right	118	5590	-0.160	0.075	100.00	1.000	18.08	18.50	1.102	0.083	/
	Top	118	5590	4.660	0.089	100.00	1.000	18.08	18.50	1.102	0.098	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-3 (5.725~5.850) 802.11n(HT20) Ant.1	Left Cheek	165	5825	-3.150	0.318	100.00	1.000	9.60	10.00	1.096	0.349	/
	Left Tilt	165	5825	2.440	0.153	100.00	1.000	9.60	10.00	1.096	0.168	/
	Right Cheek	165	5825	0.960	0.325	100.00	1.000	9.60	10.00	1.096	0.356	/
	Right Tilt	165	5825	-3.810	0.159	100.00	1.000	9.60	10.00	1.096	0.174	/
U-NII-3 (5.725~5.850) 802.11n(HT40) Ant.2	Left Cheek	151	5755	1.640	0.337	100.00	1.000	15.59	16.00	1.099	0.370	/
	Left Tilt	151	5755	0.010	0.162	100.00	1.000	15.59	16.00	1.099	0.178	/
	Right Cheek	151	5755	-2.510	0.343	100.00	1.000	15.59	16.00	1.099	0.377	51#
	Right Tilt	151	5755	2.190	0.168	100.00	1.000	15.59	16.00	1.099	0.185	/
U-NII-3 (5.725~5.850) 802.11n(HT40) MIMO	Left Cheek	151	5755	0.790	0.324	100.00	1.000	16.33	16.50	1.040	0.337	/
	Left Tilt	151	5755	-3.500	0.148	100.00	1.000	16.33	16.50	1.040	0.154	/
	Right Cheek	151	5755	1.810	0.319	100.00	1.000	16.33	16.50	1.040	0.332	/
	Right Tilt	151	5755	4.010	0.152	100.00	1.000	16.33	16.50	1.040	0.158	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
U-NII-3 (5.725~5.850) 802.11n(HT20) Ant.1	Front	165	5825	-3.550	0.127	100.00	1.000	9.60	10.00	1.096	0.139	/
	Back	165	5825	1.950	0.154	100.00	1.000	9.60	10.00	1.096	0.169	/
	Right	165	5825	1.420	0.085	100.00	1.000	9.60	10.00	1.096	0.093	/
	Top	165	5825	-3.010	0.107	100.00	1.000	9.60	10.00	1.096	0.117	/
U-NII-3 (5.725~5.850) 802.11n(HT40) Ant.2	Front	151	5755	1.650	0.131	100.00	1.000	15.59	16.00	1.099	0.144	/
	Back	151	5755	-2.930	0.167	100.00	1.000	15.59	16.00	1.099	0.184	52#
	Right	151	5755	-3.300	0.090	100.00	1.000	15.59	16.00	1.099	0.099	/
	Top	151	5755	2.220	0.112	100.00	1.000	15.59	16.00	1.099	0.123	/
U-NII-3 (5.725~5.850) 802.11n(HT40) MIMO	Front	151	5755	0.710	0.110	100.00	1.000	16.33	16.50	1.040	0.114	/
	Back	151	5755	-4.080	0.142	100.00	1.000	16.33	16.50	1.040	0.148	/
	Right	151	5755	1.950	0.072	100.00	1.000	16.33	16.50	1.040	0.075	/
	Top	151	5755	0.180	0.096	100.00	1.000	16.33	16.50	1.040	0.100	/

Head(0mm 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 Scaled SAR (W/kg)	Meas. No.
Bluetooth	Left Cheek	78	2480	1.090	0.071	100.00	1.000	4.72	5.00	1.067	0.076	/
	Left Tilt	78	2480	2.790	0.032	100.00	1.000	4.72	5.00	1.067	0.034	/
	Right Cheek	78	2480	4.060	0.074	100.00	1.000	4.72	5.00	1.067	0.079	53#
	Right Tilt	78	2480	-1.230	0.036	100.00	1.000	4.72	5.00	1.067	0.038	/
Body(hotspot open, 10mm 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 Scaled SAR (W/kg)	Meas. No.
Bluetooth	Front	78	2480	-1.920	0.042	100.00	1.000	4.72	5.00	1.067	0.045	/
	Back	78	2480	2.570	0.048	100.00	1.000	4.72	5.00	1.067	0.051	54#
	Right	78	2480	0.640	0.031	100.00	1.000	4.72	5.00	1.067	0.033	/
	Top	78	2480	-3.120	0.036	100.00	1.000	4.72	5.00	1.067	0.038	/

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, head/body-worn use is evaluated with the device positioned at 0mm/10 mm from a head/flat phantom respectively filled with head tissue-equivalent medium.
- Per KDB Publication 941225 D06 where SAR test considerations for handsets (L x W $\geq 9\text{ cm} \times 5\text{ cm}$) are based on a composite test separation distance of 10 mm from the front, back and edges of the device with antennas 2.5 cm or closer to the edge of the device, determined from general mixed use conditions for this type of devices. Since the hotspot SAR results may overlap with the body-worn accessory SAR requirements, the more conservative configurations can be considered, thus excluding some body-worn accessory SAR tests.
- 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.

Note: For 1g SAR, the highest measured 1g SAR is $1.057 > 0.80$ W/kg, repeated measurement is as below.

Mode	Position	Ch.	Freq. (MHz)	1g Meas SAR (W/kg)	the ratio of largest to smallest SAR for the original and first repeated measurements
LTE Band 2	Back	18900	1880.0	1.008	1.012
	Back-Repeated	18900	1880.0	0.996	
LTE Band 4	Right Cheek	20175	1732.5	1.005	1.008
	Right Cheek-Repeated	20175	1732.5	0.997	
LTE Band 25	Right Cheek	26365	1882.5	0.887	1.034
	Right Cheek-Repeated	26365	1882.5	0.858	
LTE Band 66	Right Cheek	132572	1770.0	1.046	1.025
	Right Cheek-Repeated	132572	1770.0	1.020	
NR Band 66	Right Cheek	346500	1732.5	1.057	1.010
	Right Cheek-Repeated	346500	1732.5	1.046	

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), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR 1g 1.6 W/kg), SAR test exclusion is determined by the 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 5 Tx antennas, WWAN main antenna supports GSM/WCDMA/LTE/NR, Wifi/BT antenna supports 2.4G/5G Wi-Fi and BT. 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
3	WWAN+BT	Yes	Yes

12.2 Sum SAR of Simultaneous Transmission

Head

Band	Test Position	Scaled					Σ SAR (W/kg) WWAN + WIFI 2.4G	Σ SAR (W/kg) WWAN + WIFI 5G	Σ SAR (W/kg) WWAN + BT	Σ SAR (W/kg) WWAN + NFC	SPLSR	Remark
		WWAN	WIFI 2.4G	WIFI 5G	Bluetooth	NFC						
NR Band 66	Left Cheek	1.081	0.457	0.37	0.076	0.000	1.538	1.451	1.157	1.081	N/A	N/A
	Left Tilt	0.573	0.235	0.178	0.034	0.000	0.808	0.751	0.607	0.573	N/A	N/A
	Right Cheek	1.112	0.463	0.377	0.079	0.000	1.575	1.489	1.191	1.112	N/A	N/A
	Right Tilt	0.593	0.239	0.185	0.038	0.000	0.832	0.778	0.631	0.593	N/A	N/A

Hotspot(body-worn)

Band	Channel Type	Test Position	Scaled					Σ SAR (W/kg) WWAN + WIFI 2.4G	Σ SAR (W/kg) WWAN + WIFI 5G	Σ SAR (W/kg) WWAN + BT	Σ SAR (W/kg) WWAN + NFC	SPLSR	Remark
			WWAN	WIFI 2.4G	WIFI 5G	Bluetooth	NFC						
LTE Band 2	1RB	Front	0.862	0.152	0.144	0.045	0.000	1.014	1.006	0.907	0.862	N/A	N/A
		Back	1.053	0.187	0.184	0.051	0.000	1.240	1.237	1.104	1.053	N/A	N/A
		Left	0.770	/	/	/	0.000	0.770	0.770	0.770	0.770	N/A	N/A
		Right	/	0.084	0.099	0.033	0.000	0.084	0.099	0.033	/	N/A	N/A
		Top	0.648	0.122	0.123	0.038	0.000	0.770	0.771	0.686	0.648	N/A	N/A
		Bottom	/	/	/	/	/	/	/	/	/	N/A	N/A
	50%RB	Front	0.761	0.152	0.144	0.045	0.000	0.913	0.905	0.806	0.761	N/A	N/A
		Back	0.971	0.187	0.184	0.051	0.000	1.158	1.155	1.022	0.971	N/A	N/A
		Left	0.661	/	/	/	0.000	0.661	0.661	0.661	0.661	N/A	N/A
		Right	/	0.084	0.099	0.033	0.000	0.691	0.706	0.640	/	N/A	N/A
		Top	0.607	0.122	0.123	0.038	0.000	0.122	0.123	0.038	0.607	N/A	N/A
		Bottom	/	/	/	/	/	/	/	/	/	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	2024/10/25	2025/10/24
Wideband Radio Communication Tester	ROHDE & SCHWARZ	CmW500	161997	2024/10/25	2025/10/24
MXG Vector Signal Generator	Agilent	N5182A	MY46240163	2024/10/25	2025/10/24
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	2024/10/25	2025/10/24
Broadband Preamplifier	Schwarzbeck	BBV9718D	00008	2024/09/24	2025/09/23
3dB Attenuator	MIDWEST MICROWAVE	SMA-JK6G-3DB	N/A	2025/04/02	2026/04/01
Coupler	MERRIMAC	CWM-10R-10.8G	LOT-83391	2024/09/24	2025/09/24
750MHz Validation Dipole	MVG	SID750	07/22 DIP 0G750-655	2023/02/06	2026/02/05
835MHz Validation Dipole	MVG	SID835	07/22 DIP 0G835-656	2023/02/06	2026/02/05
1800MHz Validation Dipole	MVG	SID1800	07/22 DIP 1G800-657	2023/02/06	2026/02/05
1900MHz Validation Dipole	MVG	SID1900	07/22 DIP 1G900-658	2023/02/06	2026/02/05
2450MHz Validation Dipole	MVG	SID2450	07/22 DIP 2G450-662	2023/02/06	2026/02/05
2600MHz Validation Dipole	MVG	SID2600	07/22 DIP 2G600-663	2023/02/06	2026/02/05
3900MHz Validation Dipole	MVG	SID3900	07/22 DIP 3G900-666	2023/02/06	2026/02/05
5200MHz-5800MHz Validation Dipole	MVG	SID5000	07/22 DIP5G000-670	2023/02/06	2026/02/05
LIMESAR Dielectric Probe	MVG	SCLMP	06/22 OCPG88	2025/02/05	2026/02/04
ENA Series Network Analyzer	Agilent	E5071B	MY42301221	2024/10/25	2025/10/24
Thermometer	Riters	DT-232	21A11	2025/04/03	2026/04/02
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	2024/10/25	2025/10/24
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.
5. Only one 3db attenuator is shown in the equipment list, but three are actually used.

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	42.43	0.89	0.88	1.26%	-1.12%	±5%	21.2	18/4/2025
835	41.50	42.05	0.90	0.91	1.33%	1.11%	±5%	21.6	23/4/2025
1800	40.00	40.69	1.40	1.38	1.72%	-1.43%	±5%	21.0	27/4/2025
1900	40.00	40.45	1.40	1.41	1.13%	0.71%	±5%	21.1	10/5/2025
2450	39.20	39.52	1.80	1.79	0.82%	-0.56%	±5%	21.3	12/5/2025
2600	39.00	39.06	1.96	1.93	0.15%	-1.53%	±5%	20.8	13/5/2025
3900	37.50	37.56	3.32	3.31	0.16%	-0.30%	±5%	20.8	13/5/2025
5200	36.00	36.05	4.66	4.68	0.14%	0.43%	±5%	21.4	14/5/2025
5400	35.80	35.89	4.86	4.89	0.25%	0.62%	±5%	21.4	14/5/2025
5600	35.50	35.47	5.07	5.10	-0.08%	0.59%	±5%	21.2	15/5/2025
5800	35.30	35.32	5.27	5.32	0.06%	0.95%	±5%	21.2	15/5/2025

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	0.571	0.902	5.71	9.02	5.38	8.25	6.13%	9.33%
835	100	0.565	1.025	5.65	10.25	6.17	9.79	-8.43%	4.70%
1800	100	1.993	3.837	19.93	38.37	20.61	39.33	-3.30%	-2.44%
1900	100	1.995	3.881	19.95	38.81	20.70	40.97	-3.62%	-5.27%
2450	100	2.469	5.394	24.69	53.94	23.86	54.40	3.48%	-0.85%
2600	100	2.438	5.313	24.38	53.13	24.48	57.14	-0.41%	-7.02%
3900	100	2.652	7.356	26.52	73.56	24.27	68.90	9.27%	6.76%
5200	100	2.328	7.824	23.28	78.24	21.29	73.88	9.35%	5.90%
5400	100	2.403	7.836	24.03	78.36	23.23	81.47	3.44%	-3.82%
5600	100	2.229	7.280	22.29	72.80	22.64	78.71	-1.55%	-7.51%
5800	100	2.271	8.006	22.71	80.06	21.50	74.21	5.63%	7.88%

ANNEX C SAR Dipole Calibrations

Justification for Extended SAR Dipole Calibrations

Referring to KDB 865664D01V01r04, if dipoles are verified in return loss ($\leq -20\text{dB}$, within 20% of prior calibration) and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended. While calibration intervals not exceed 3 years.

Frequency (MHz)	Return loss(dB)		Impedance(Ω)				error range (%)		Results	Date of Measure ment
	measurement	target	measurement		target		Return loss(±20%)	Impedance(±5 Ω)	(P/F)	
			real part	imaginary part	real part	imaginary part				
CW750	-22.53	-25.44	56.05	1.8	55.2	-1.2	-11.44%	-3.8	P	5/2/2025
CW750	-20.92	-25.44	55.89	1.5	55.2	-1.2	-17.77%	3.4	P	5/2/2024
CW835	-25.81	-26.27	53.12	-2.2	52.5	-4.2	-1.75%	-2.6	P	5/2/2025
CW835	-29.88	-26.27	52.8	-1.7	52.5	-4.2	13.74%	2.8	P	5/2/2024
CW1800	-25.68	-26.54	52.43	1.2	52.8	+3.8	-3.24%	3.0	P	5/2/2025
CW1800	-24.55	-26.54	52.4	-0.2	52.8	+3.8	-7.50%	4.4	P	5/2/2024
CW1900	-26.07	-23.01	52.06	-5.9	51.0	-7.0	13.30%	-2.2	P	5/2/2025
CW1900	-25.67	-23.01	51.9	-5.3	51.0	-7.0	11.56%	2.6	P	5/2/2024
CW2450	-23.25	-21.23	48.27	6.3	49.4	+8.6	9.51%	3.4	P	5/2/2025
CW2450	-24.37	-21.23	48.3	5.7	49.4	+8.6	14.79%	4.0	P	5/2/2024
CW2600	-21.05	-23.05	57.15	5.7	54.3	+5.5	-8.68%	-3.1	P	5/2/2025
CW2600	-20.56	-23.05	57.3	5.7	54.3	+5.5	-10.80%	3.2	P	5/2/2024
CW3900	-33.57	-31.50	52.58	1.8	52.6	0.7	6.57%	-1.1	P	5/2/2025
CW3900	-35.54	-31.50	52.23	1.2	52.6	0.7	12.83%	-0.1	P	5/2/2024
CW5200	-22.20	-20.29	57.64	-5.7	58.76	-4.43	9.41%	2.4	P	5/2/2025
CW5200	-21.14	-20.29	58.4	-4.5	58.76	-4.43	4.19%	0.43	P	5/2/2024
CW5400	-27.95	-29.09	56.38	1.4	53.46	+0.61	-3.92%	-3.7	P	5/2/2025
CW5400	-27.63	-29.09	57.5	1.2	53.46	+0.61	-5.02%	4.63	P	5/2/2024
CW5600	-33.05	-31.06	50.54	0.8	52.76	-0.45	6.41%	1.0	P	5/2/2025
CW5600	-33.45	-31.06	51.7	0.7	52.76	-0.45	7.69%	2.21	P	5/2/2024
CW5800	-29.12	-28.48	51.34	-0.3	50.12	-3.76	2.25%	-4.7	P	5/2/2025
CW5800	-28.88	-28.48	50.8	0.1	50.12	-3.76	1.40%	4.34	P	5/2/2024

System Performance Check Data (750 MHz)

System check at 750 MHz

Date of measurement: 18/4/2025

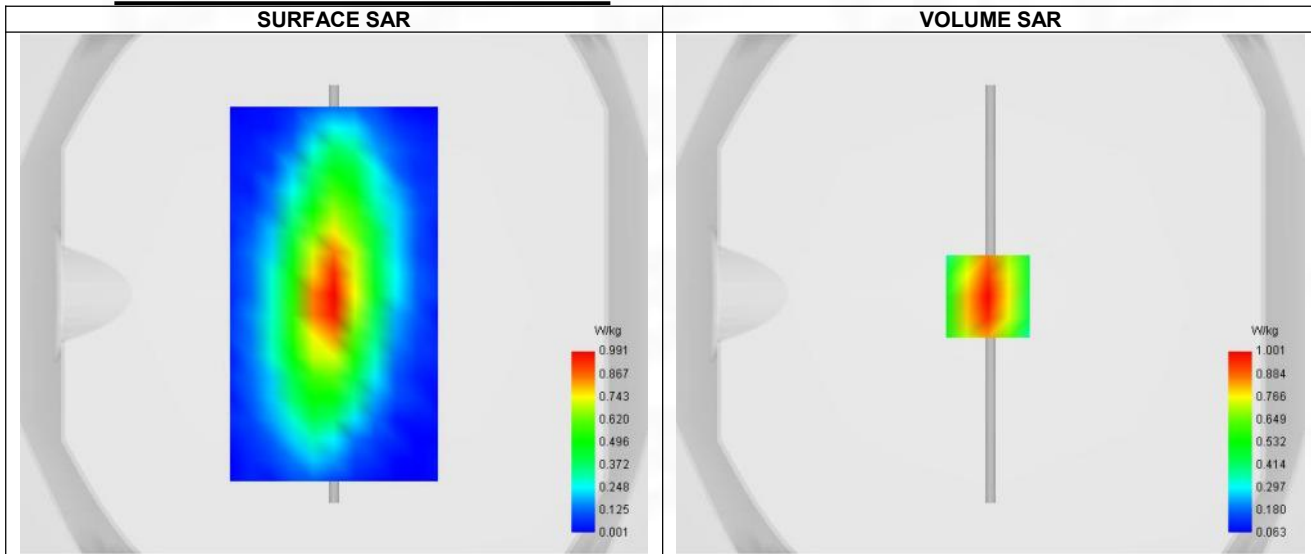
A. Experimental conditions.

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

B. Permittivity

Frequency (MHz)	750.000
Relative permittivity (real part)	42.430
Relative permittivity (imaginary part)	21.025
Conductivity (S/m)	0.880

C. SAR Surface and Volume



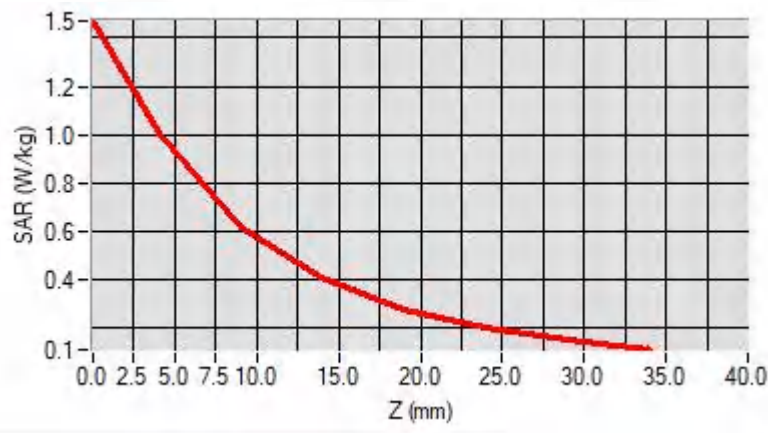
Maximum location: X=-1.00, Y=-1.00 ; SAR Peak: 1.50 W/kg

D. SAR 1g & 10g

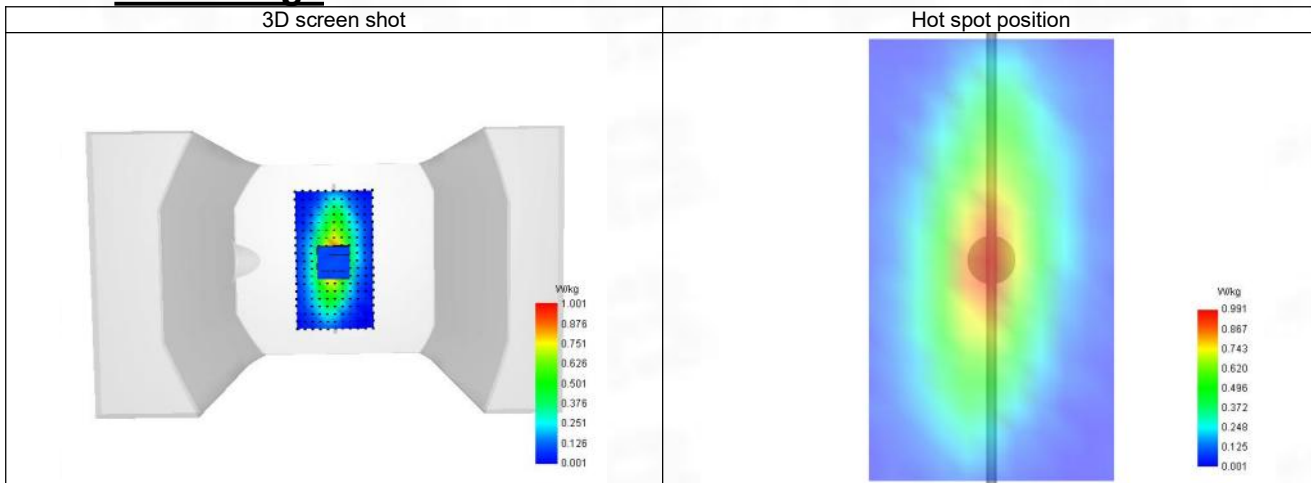
SAR 10g (W/Kg)	0.571
SAR 1g (W/Kg)	0.902
Variation (%)	-0.980
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.54%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.471	1.001	0.616	0.409	0.272



F. 3D Image



System Performance Check Data (835 MHz)

System check at 835 MHz

Date of measurement: 23/4/2025

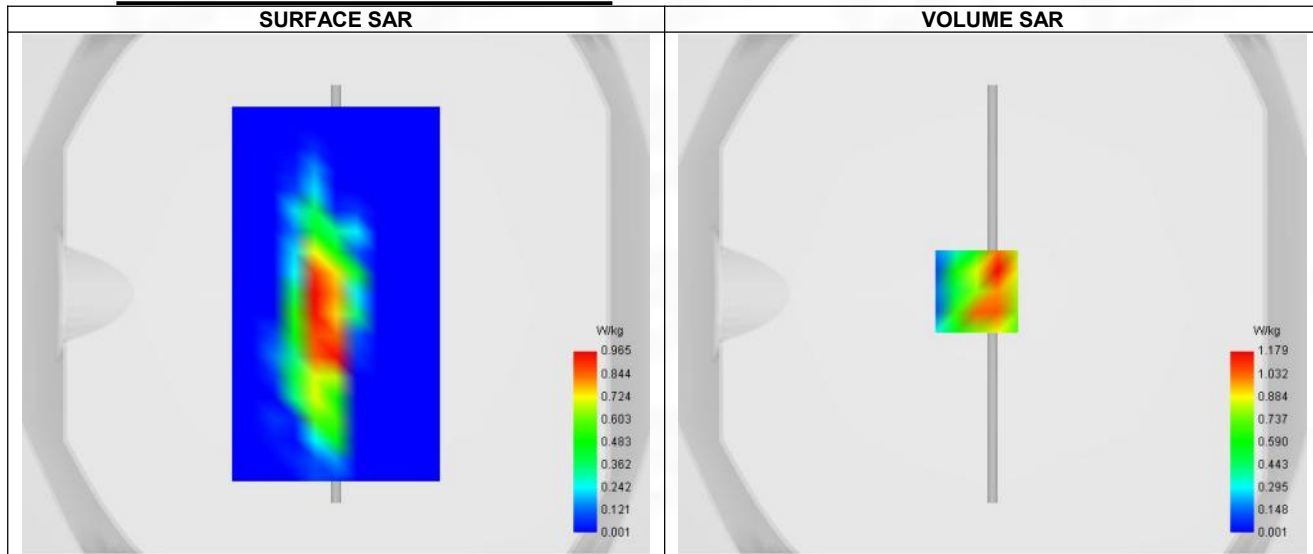
A. Experimental conditions.

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

B. Permittivity

Frequency (MHz)	835.000
Relative permittivity (real part)	42.050
Relative permittivity (imaginary part)	19.716
Conductivity (S/m)	0.910

C. SAR Surface and Volume



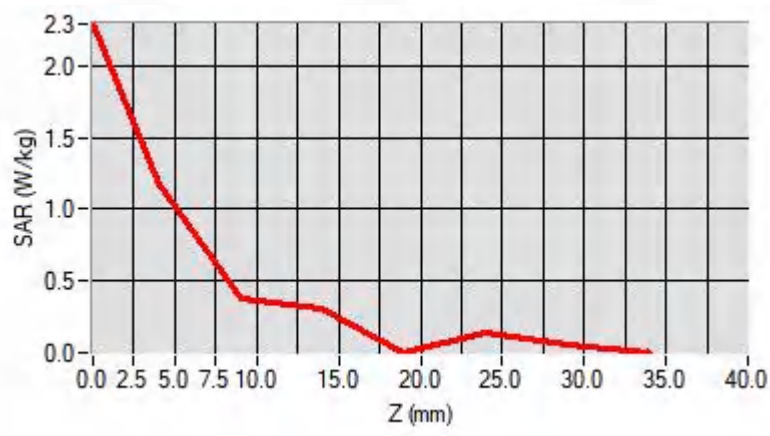
Maximum location: X=-6.00, Y=1.00 ; SAR Peak: 1.86 W/kg

D. SAR 1g & 10g

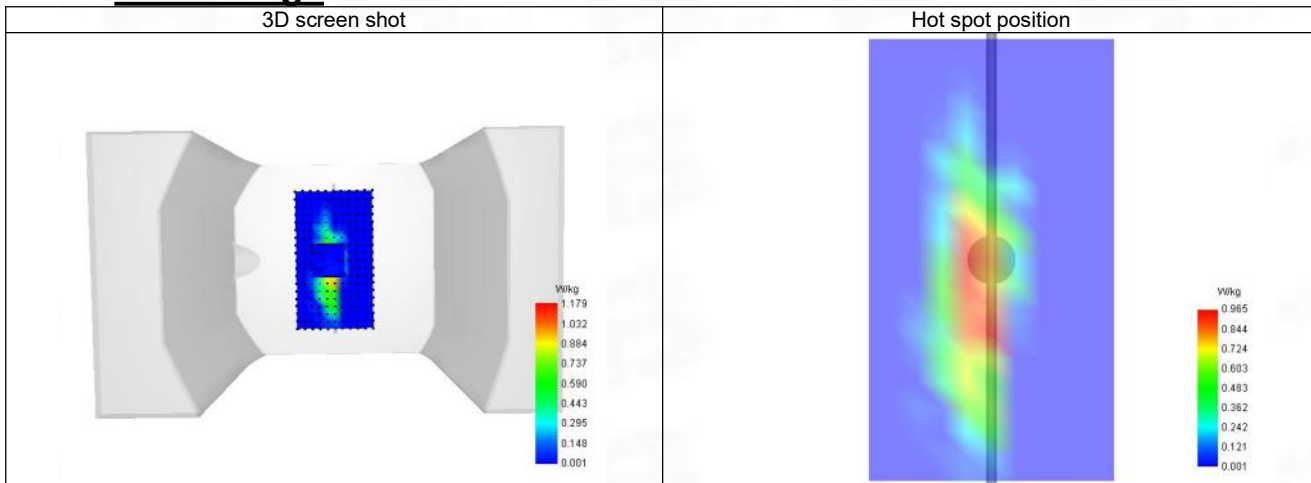
SAR 10g (W/Kg)	0.565
SAR 1g (W/Kg)	1.025
Variation (%)	-2.580
Horizontal validation criteria: minimum distance (mm)	11.314
Vertical validation criteria: SAR ratio M2/M1 (%)	31.89%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.291	1.179	0.376	0.315	0.001



F. 3D Image



System Performance Check Data (1800 MHz)

System check at 1800 MHz

Date of measurement: 27/4/2025

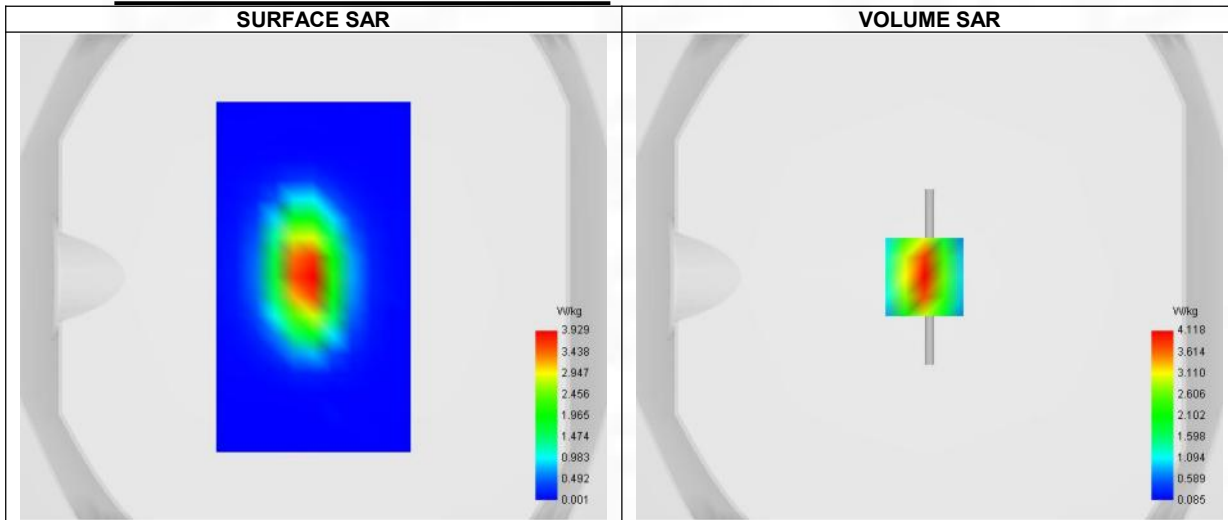
A. Experimental conditions.

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)	40.690
Relative permittivity (imaginary part)	14.283
Conductivity (S/m)	1.380

C. SAR Surface and Volume



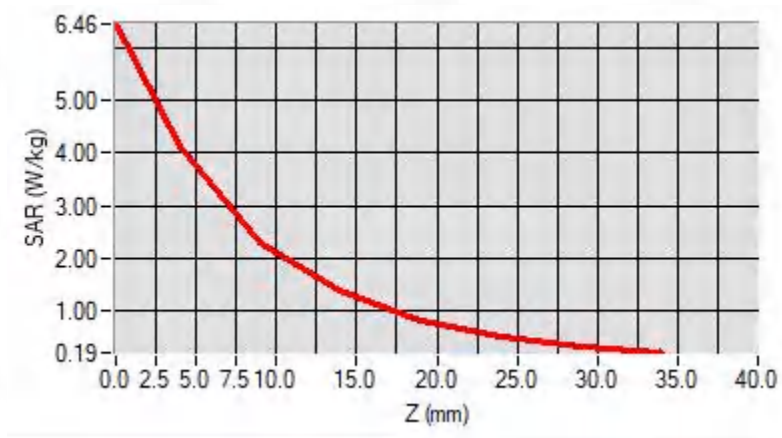
Maximum location: X=-2.00, Y=0.00 ; SAR Peak: 6.45 W/kg

D. SAR 1g & 10g

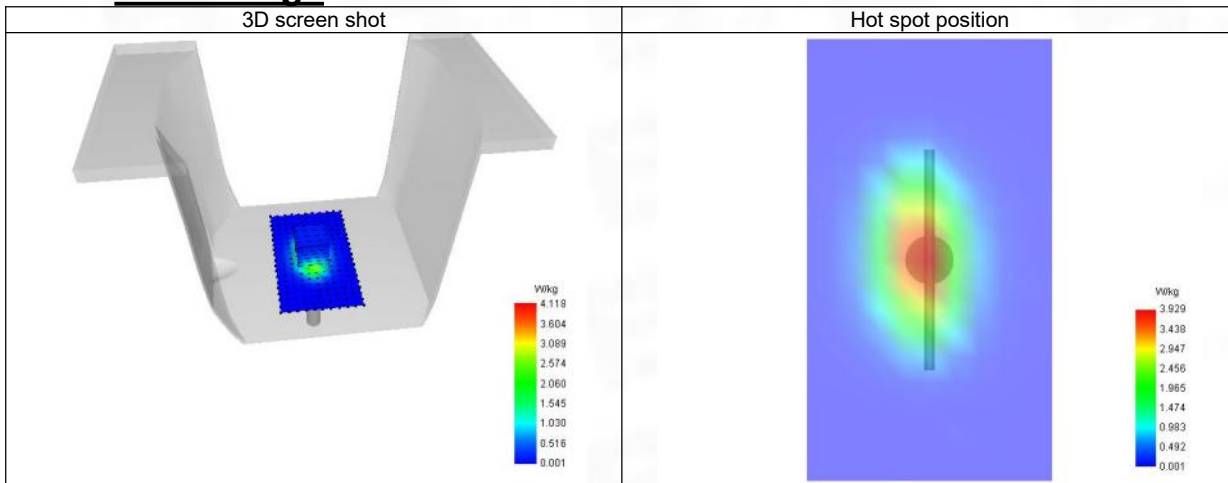
SAR 10g (W/Kg)	1.993
SAR 1g (W/Kg)	3.837
Variation (%)	-0.890
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.14%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	6.462	4.118	2.312	1.367	0.824



F. 3D Image



System Performance Check Data (1900 MHz)

System check at 1900 MHz

Date of measurement: 10/5/2025

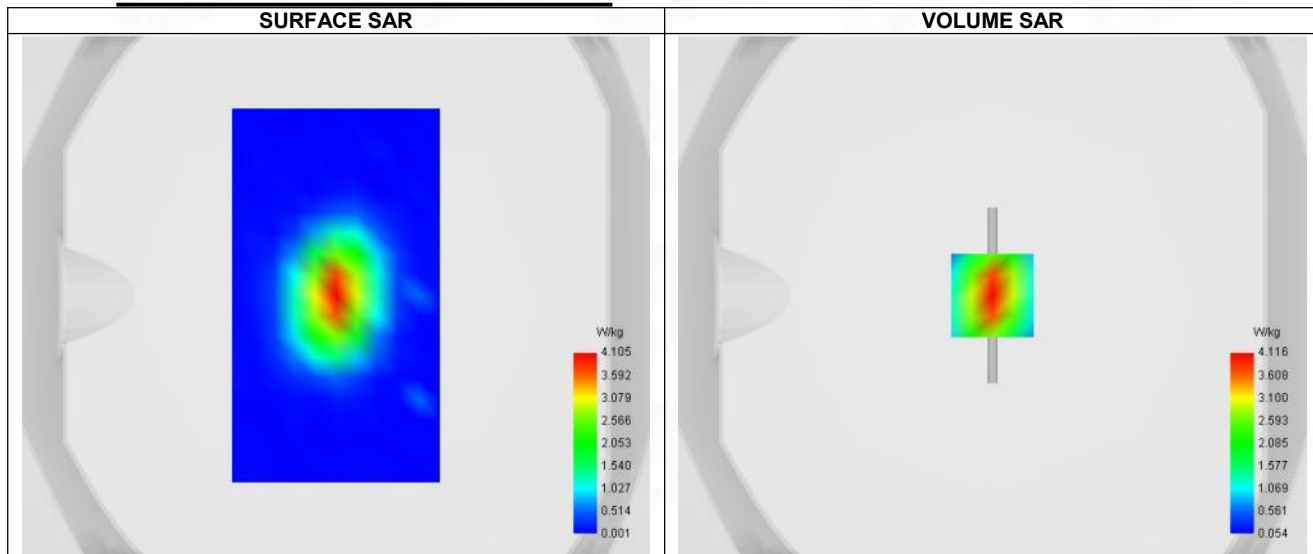
A. Experimental conditions.

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

B. Permittivity

Frequency (MHz)	1900.000
Relative permittivity (real part)	40.450
Relative permittivity (imaginary part)	13.334
Conductivity (S/m)	1.410

C. SAR Surface and Volume



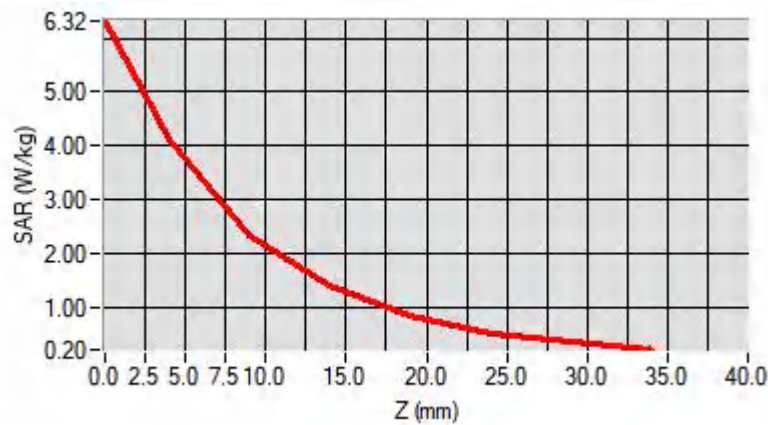
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 6.41 W/kg

D. SAR 1g & 10g

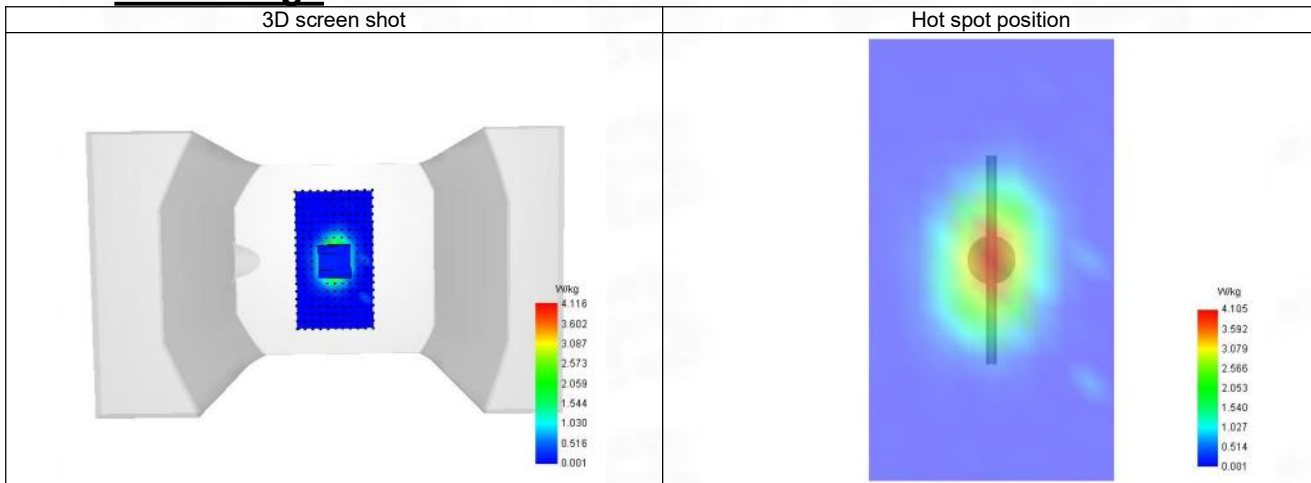
SAR 10g (W/Kg)	1.995
SAR 1g (W/Kg)	3.881
Variation (%)	-2.840
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.88%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	6.320	4.116	2.341	1.402	0.815



F. 3D Image



System Performance Check Data (2450 MHz)

System check at 2450 MHz

Date of measurement: 12/5/2025

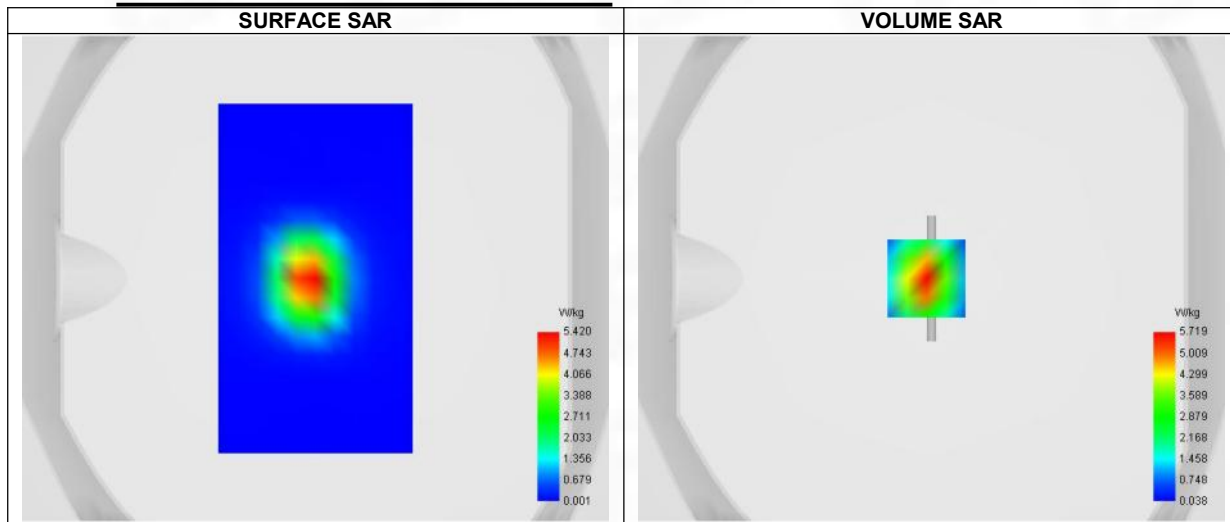
A. Experimental conditions.

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)	39.520
Relative permittivity (imaginary part)	13.142
Conductivity (S/m)	1.790

C. SAR Surface and Volume



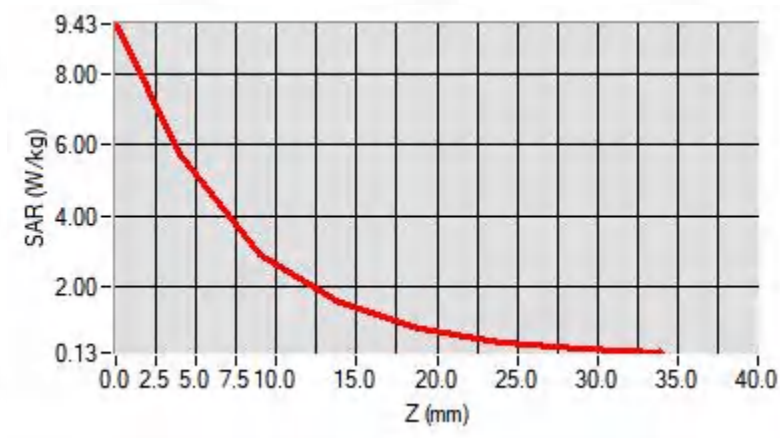
Maximum location: X=-2.00, Y=0.00 ; SAR Peak: 9.39 W/kg

D. SAR 1g & 10g

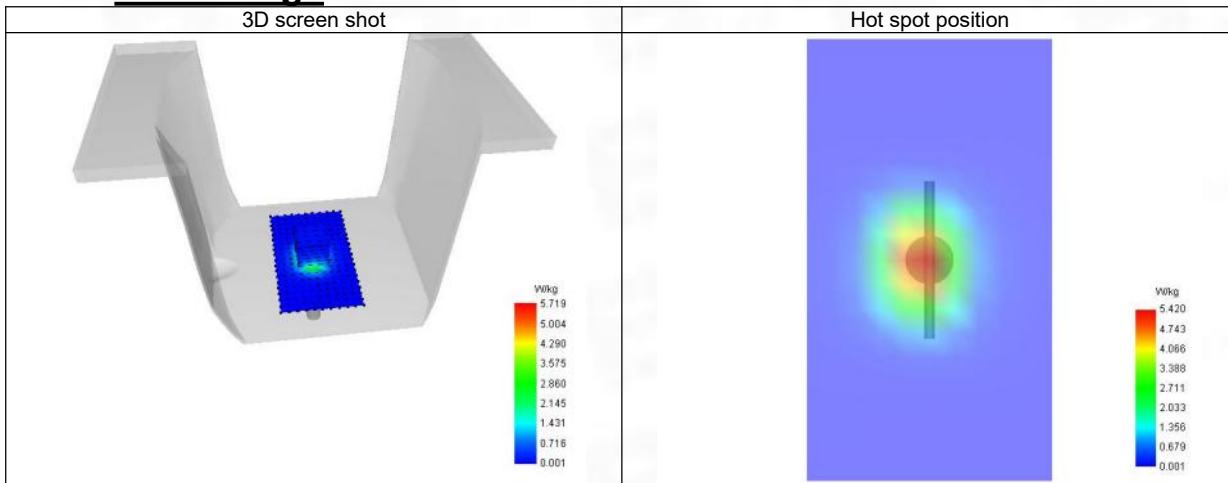
SAR 10g (W/Kg)	2.469
SAR 1g (W/Kg)	5.394
Variation (%)	-0.190
Horizontal validation criteria: minimum distance (mm)	11.314
Vertical validation criteria: SAR ratio M2/M1 (%)	51.23%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	9.429	5.719	2.930	1.545	0.818



F. 3D Image



System Performance Check Data (2600 MHz)

System check at 2600 MHz

Date of measurement: 13/5/2025

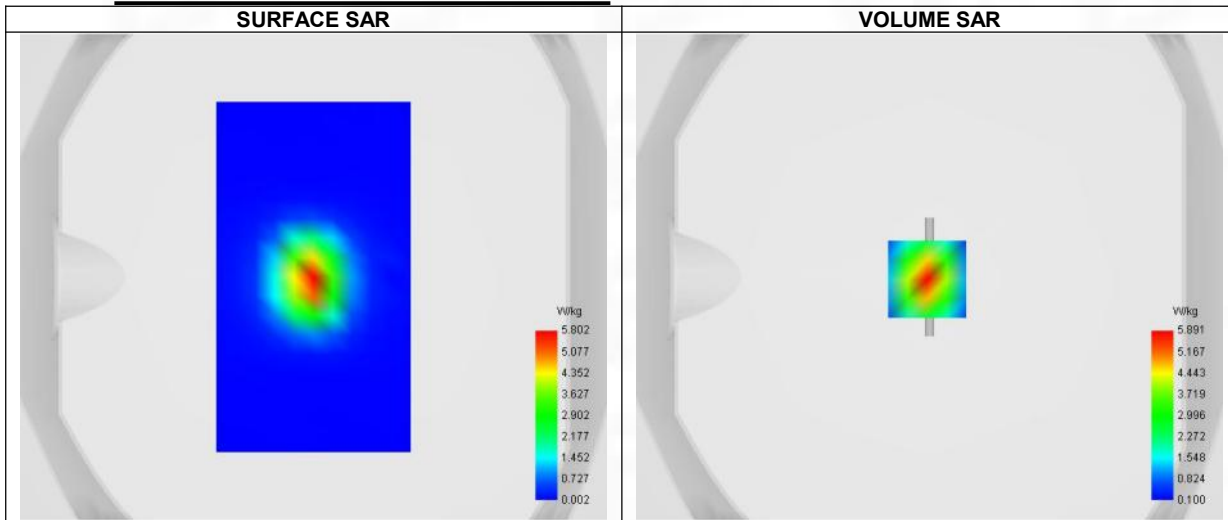
A. Experimental conditions.

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	CW2600
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	2600.000
Relative permittivity (real part)	39.060
Relative permittivity (imaginary part)	12.746
Conductivity (S/m)	1.930

C. SAR Surface and Volume



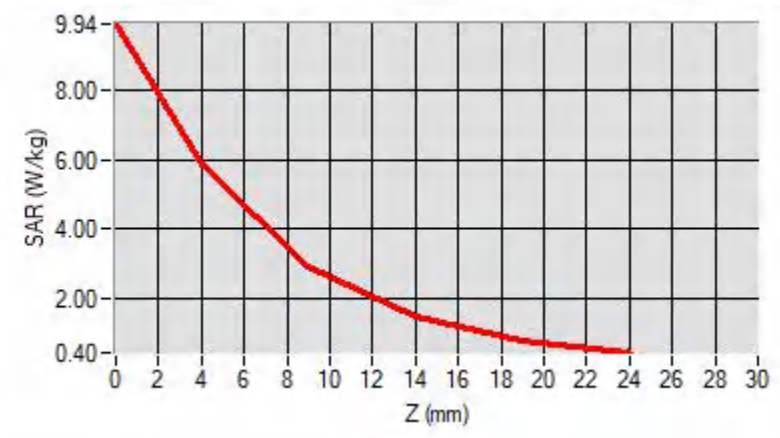
Maximum location: X=-1.00, Y=-1.00 ; SAR Peak: 9.92 W/kg

D. SAR 1g & 10g

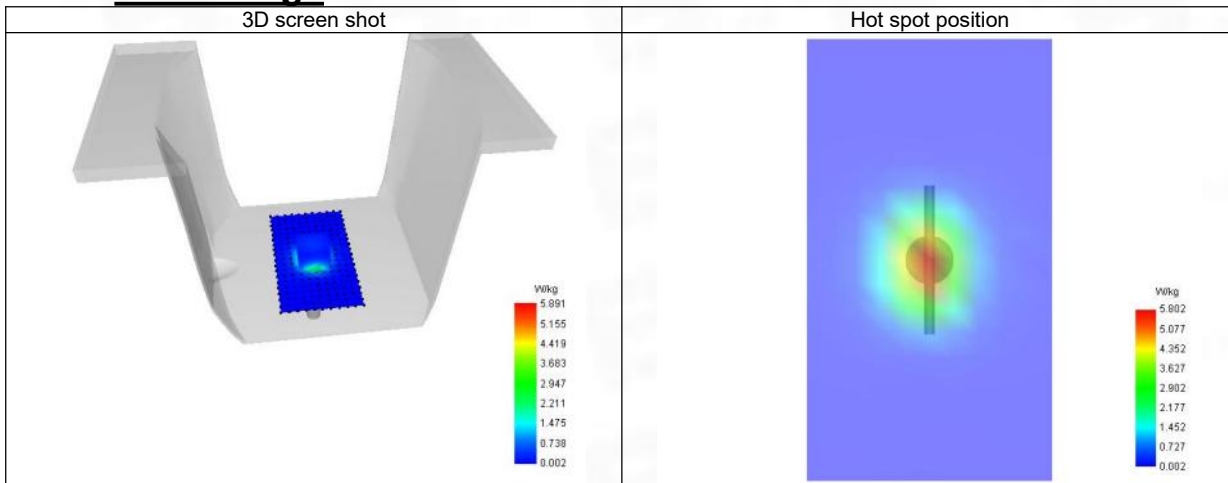
SAR 10g (W/Kg)	2.438
SAR 1g (W/Kg)	5.313
Variation (%)	0.160
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	49.65%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	9.936	5.891	2.925	1.447	0.765



F. 3D Image



System Performance Check Data (3900 MHz)

System check at 3900 MHz

Date of measurement: 13/5/2025

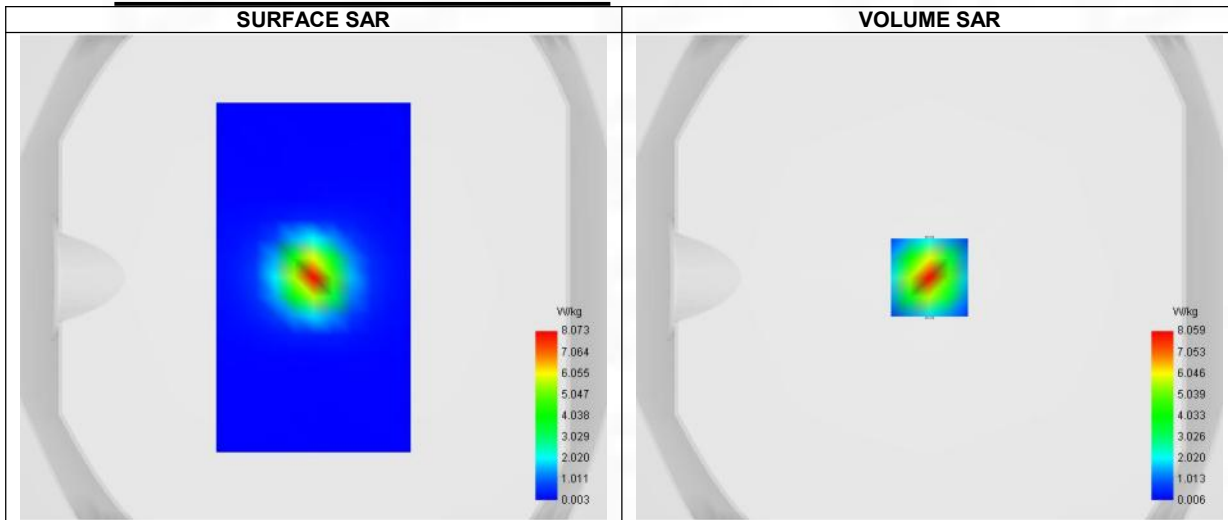
A. Experimental conditions.

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	CW3900
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	3900.000
Relative permittivity (real part)	37.555
Relative permittivity (imaginary part)	14.476
Conductivity (S/m)	3.305

C. SAR Surface and Volume



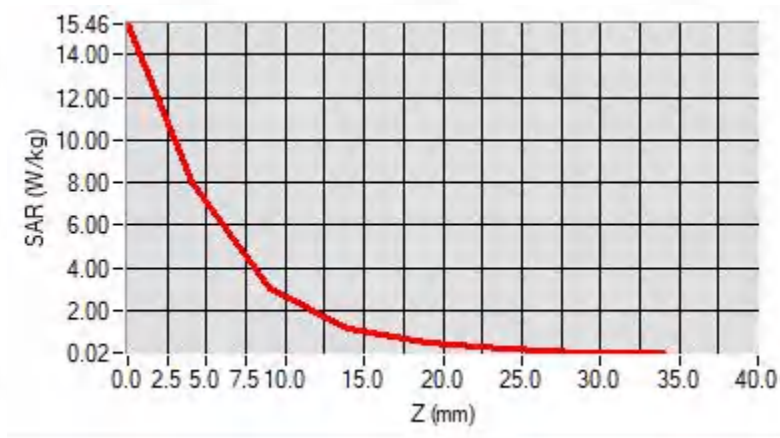
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 15.17 W/kg

D. SAR 1g & 10g

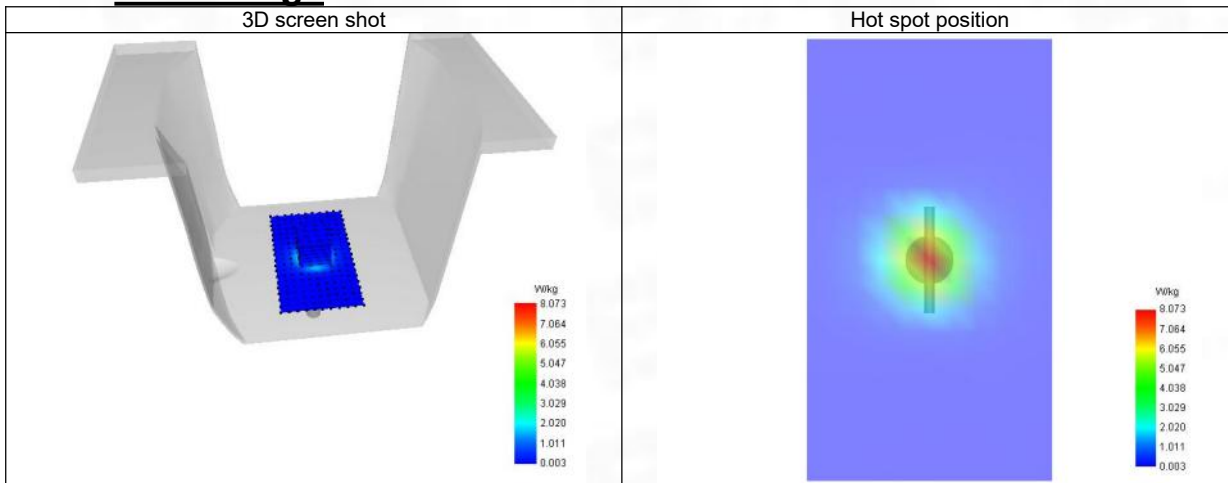
SAR 10g (W/Kg)	2.652
SAR 1g (W/Kg)	7.356
Variation (%)	3.010
Horizontal validation criteria: minimum distance (mm)	11.314
Vertical validation criteria: SAR ratio M2/M1 (%)	38.19%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	15.456	8.059	3.078	1.178	0.449	0.173	0.067



F. 3D Image



System Performance Check Data (5200 MHz)

System check at 5200 MHz

Date of measurement: 14/5/2025

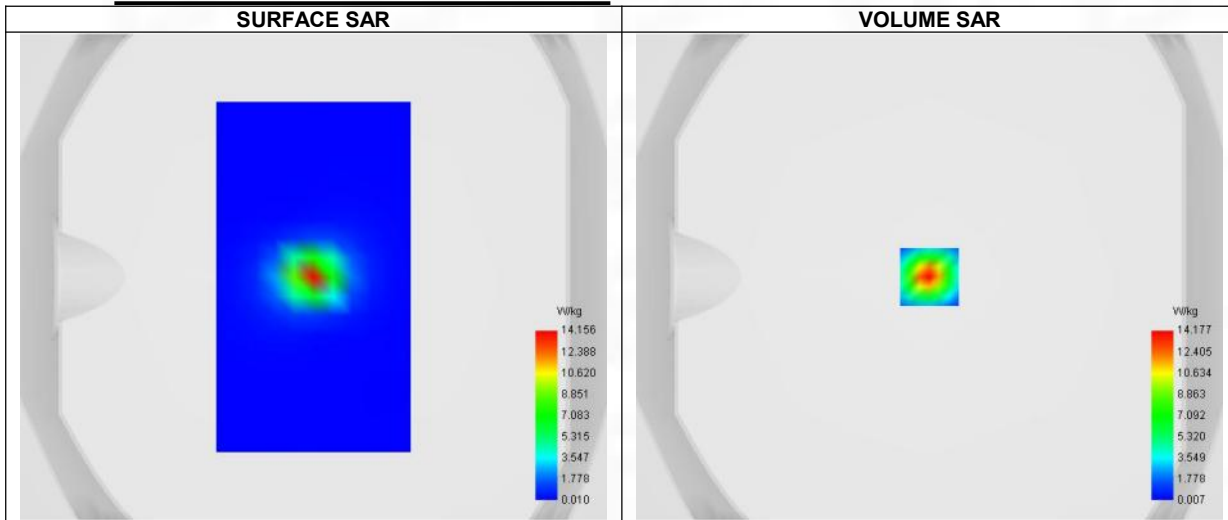
A. Experimental conditions.

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)	36.050
Relative permittivity (imaginary part)	16.206
Conductivity (S/m)	4.680

C. SAR Surface and Volume



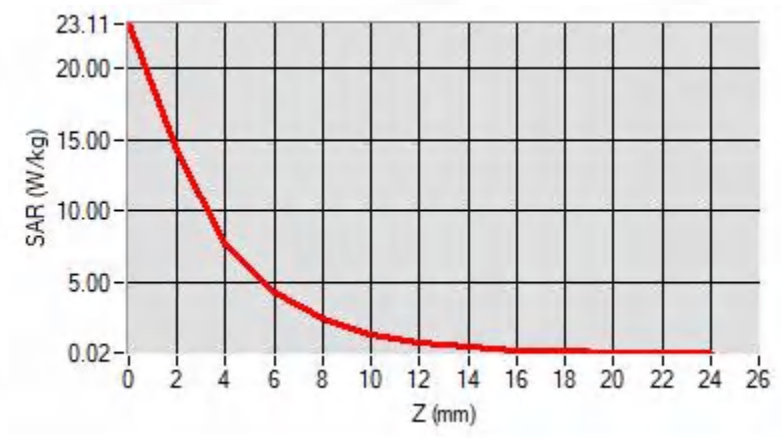
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 24.39 W/kg

D. SAR 1g & 10g

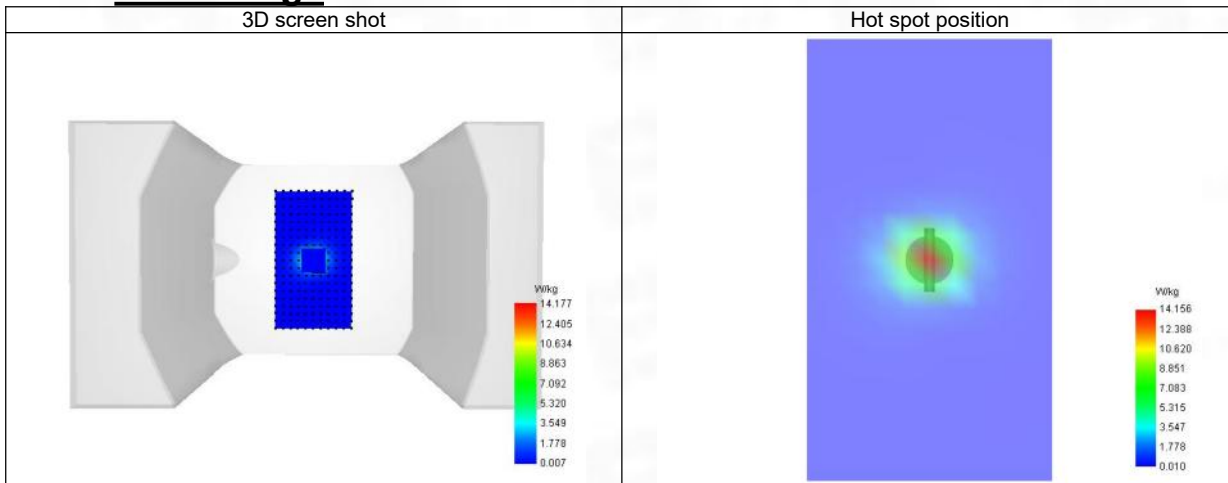
SAR 10g (W/Kg)	2.328
SAR 1g (W/Kg)	7.824
Variation (%)	0.800
Horizontal validation criteria: minimum distance (mm)	8.000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.96%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	23.113	14.177	7.650	4.297	2.375	1.324	0.752	0.413	0.234



F. 3D Image



System Performance Check Data (5400 MHz)

System check at 5400 MHz

Date of measurement: 14/5/2025

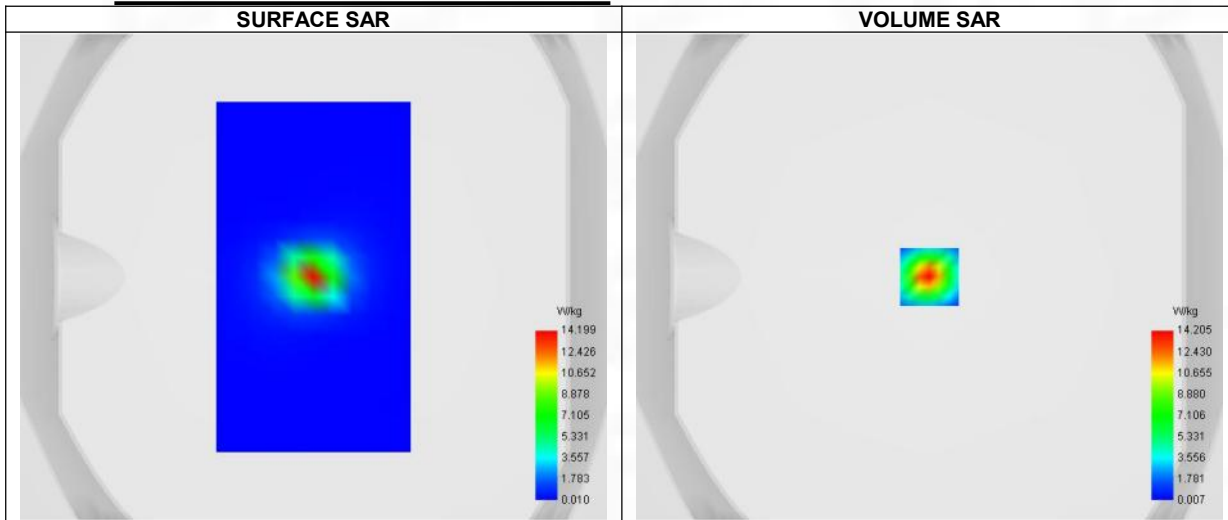
A. Experimental conditions.

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	Dipole
Band	CW5400
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5400.000
Relative permittivity (real part)	35.890
Relative permittivity (imaginary part)	16.285
Conductivity (S/m)	4.890

C. SAR Surface and Volume



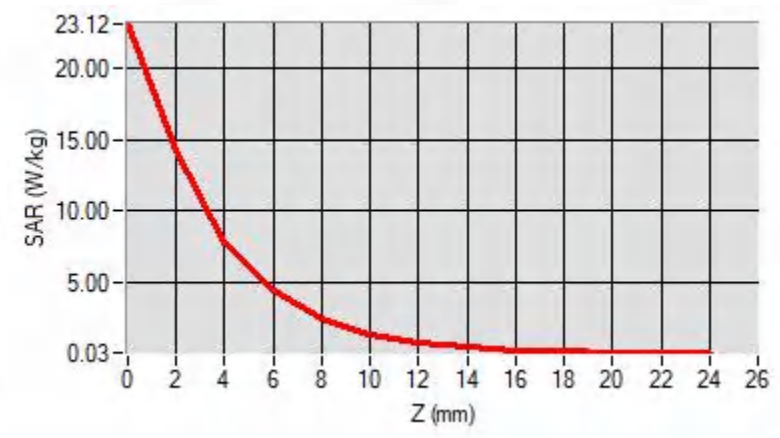
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 24.32 W/kg

D. SAR 1g & 10g

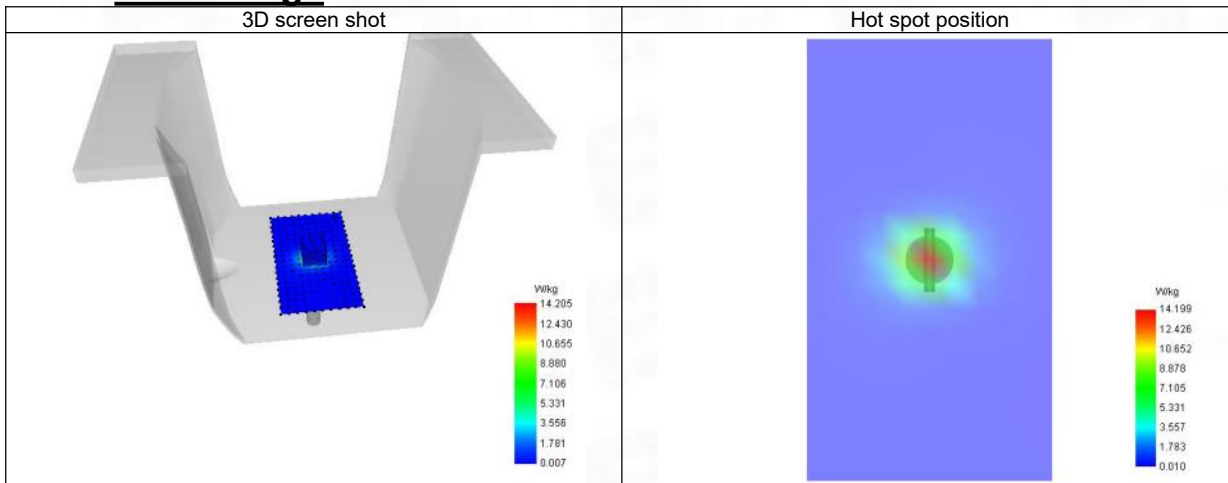
SAR 10g (W/Kg)	2.403
SAR 1g (W/Kg)	7.836
Variation (%)	-3.840
Horizontal validation criteria: minimum distance (mm)	8.000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.33%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	23.123	14.205	7.718	4.334	2.399	1.342	0.750	0.429	0.233



F. 3D Image



System Performance Check Data (5600 MHz)

System check at 5600 MHz

Date of measurement: 15/5/2025

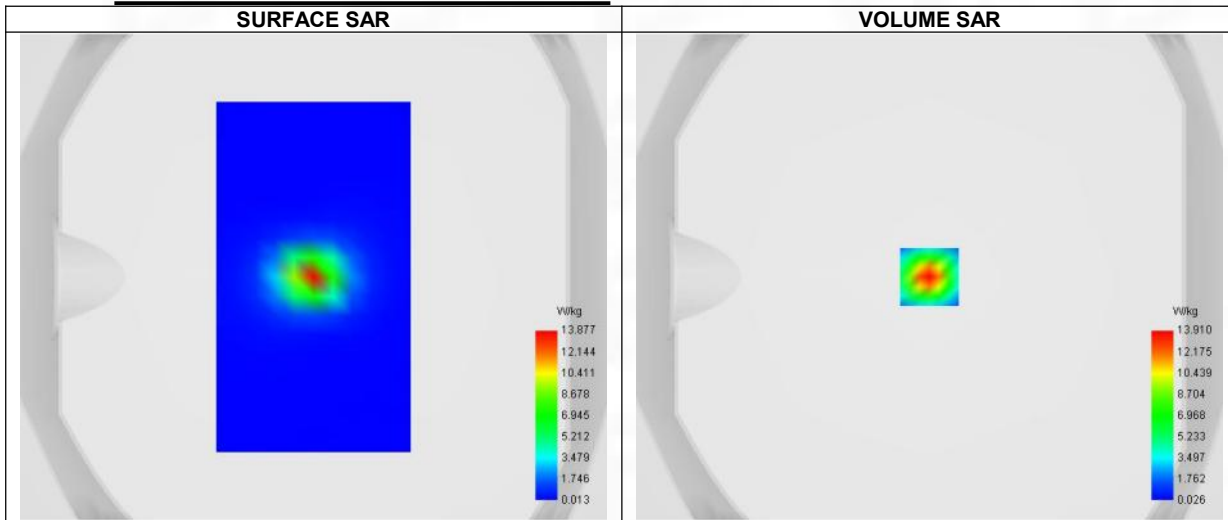
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.12
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, 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)	35.470
Relative permittivity (imaginary part)	16.402
Conductivity (S/m)	5.100

C. SAR Surface and Volume



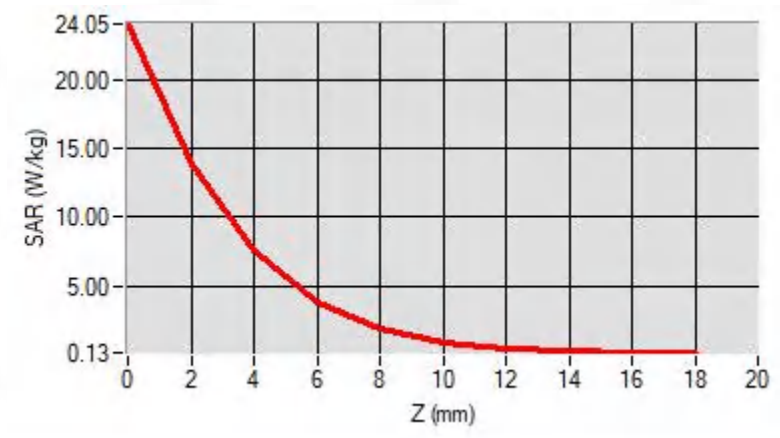
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 23.68 W/kg

D. SAR 1g & 10g

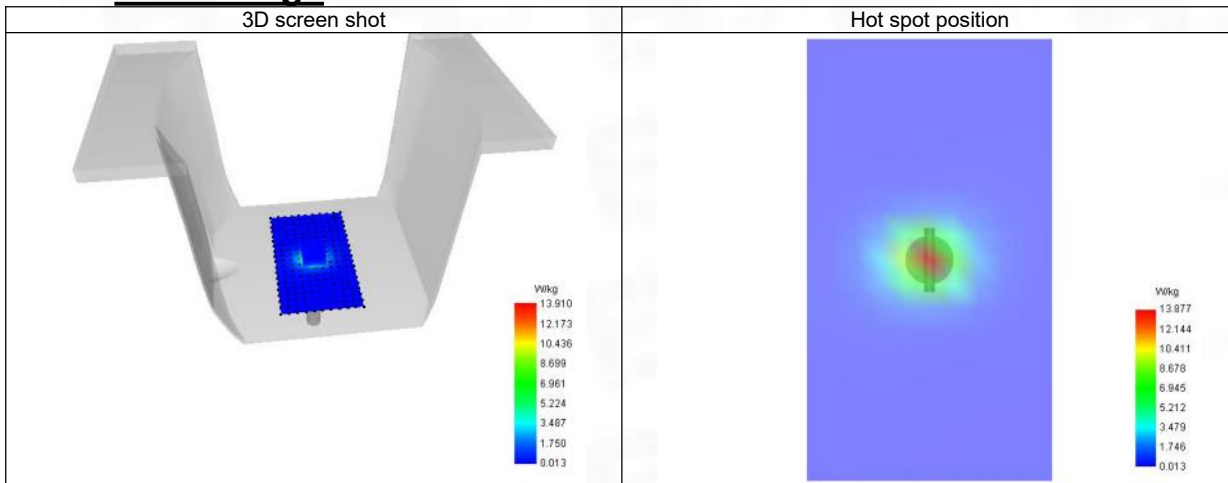
SAR 10g (W/Kg)	2.229
SAR 1g (W/Kg)	7.280
Variation (%)	-2.400
Horizontal validation criteria: minimum distance (mm)	8.944
Vertical validation criteria: SAR ratio M2/M1 (%)	53.94%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	24.054	13.910	7.503	3.787	1.854	0.905	0.463	0.264	0.174



F. 3D Image



System Performance Check Data (5800 MHz)

System check at 5800 MHz

Date of measurement: 15/5/2025

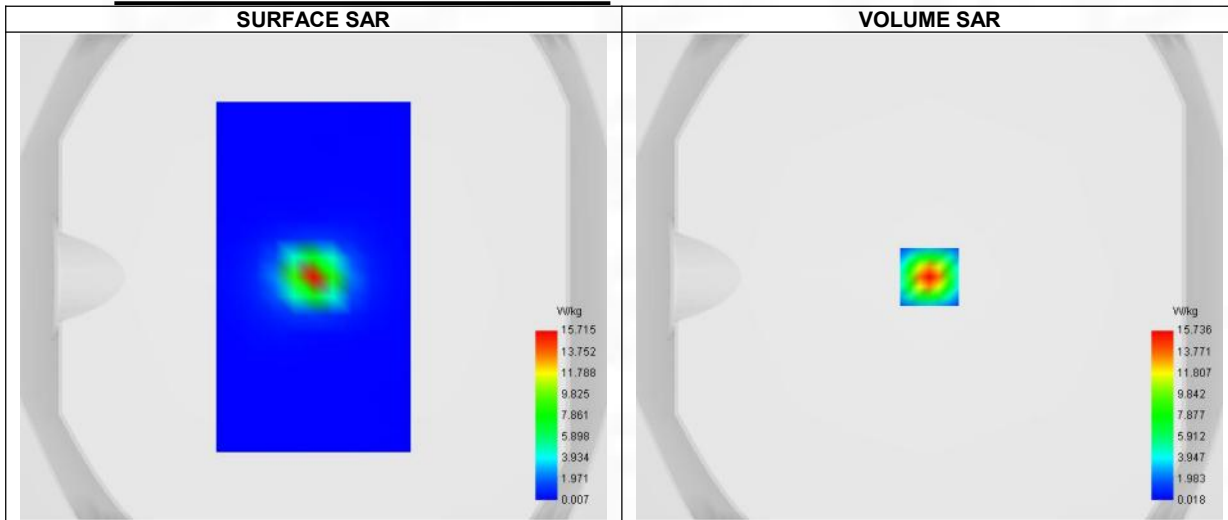
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, 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)	35.320
Relative permittivity (imaginary part)	16.493
Conductivity (S/m)	5.320

C. SAR Surface and Volume



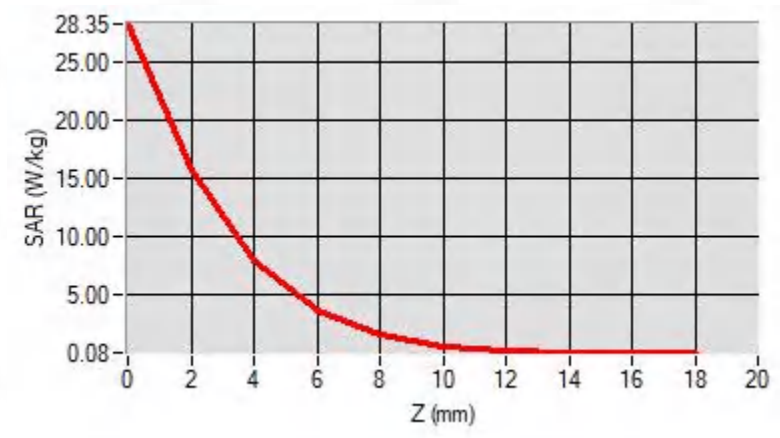
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 27.95 W/kg

D. SAR 1g & 10g

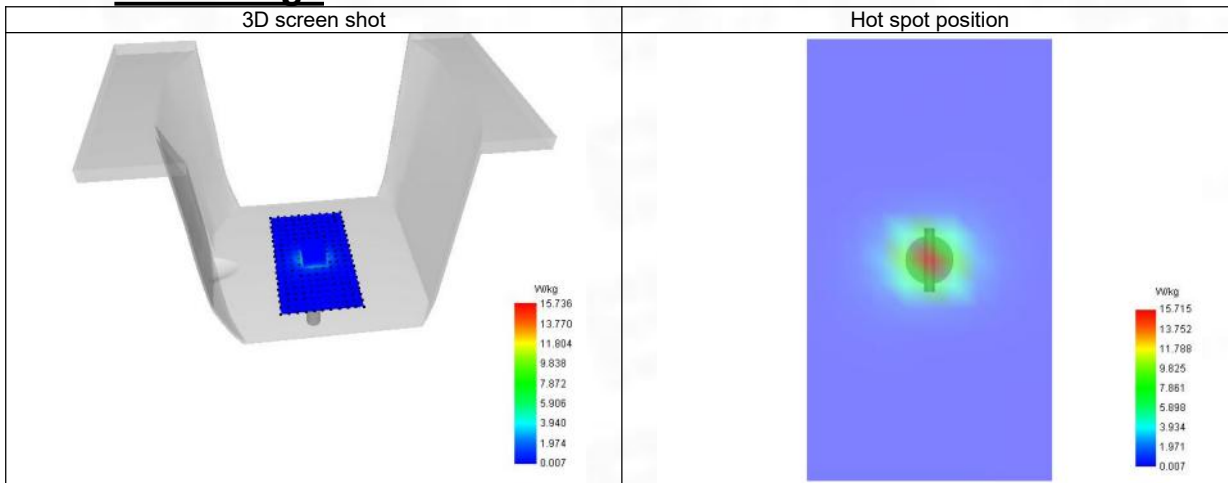
SAR 10g (W/Kg)	2.271
SAR 1g (W/Kg)	8.006
Variation (%)	0.770
Horizontal validation criteria: minimum distance (mm)	8.944
Vertical validation criteria: SAR ratio M2/M1 (%)	50.62%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	28.349	15.736	7.966	3.668	1.586	0.661	0.285	0.145	0.097



F. 3D Image



ANNEX D Test Data

1-Head with front position in dist. 0mm on Channel 190 in GSM850 voice

SAR Measurement at GSM850 (Cheek, Right)

Date of measurement: 23/4/2025

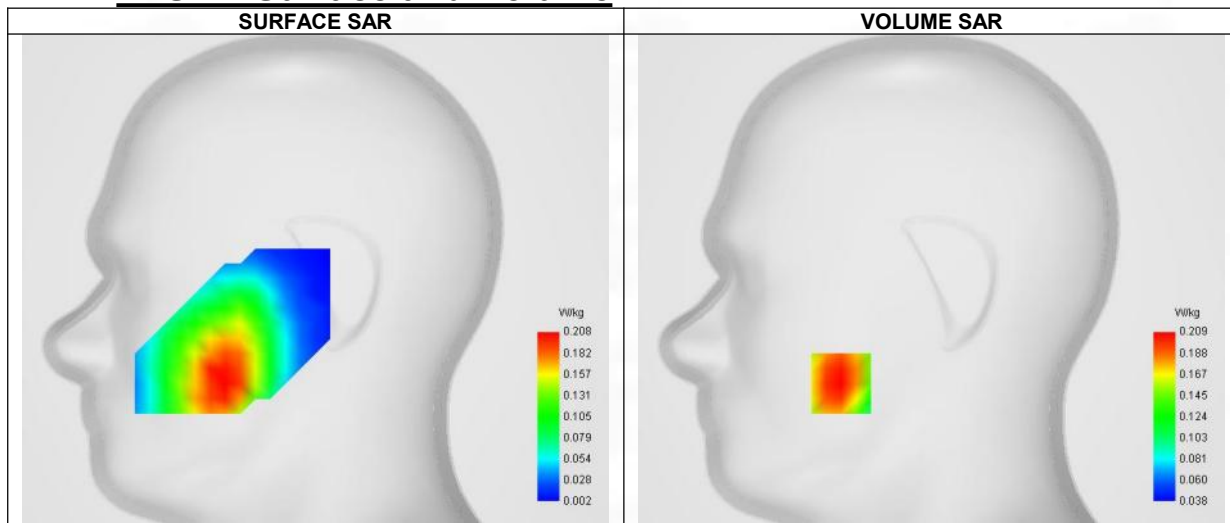
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	GSM850
Channels/Frequency	Middle (192)/ frequency 837.000 Mhz
Signal	TDMA (GSM)
Modulation	GMSK

B. Permittivity

Middle TX Frequency (MHz)	837.000
Relative permittivity (real part)	42.047
Relative permittivity (imaginary part)	19.705
Conductivity (S/m)	0.911

C. SAR Surface and Volume



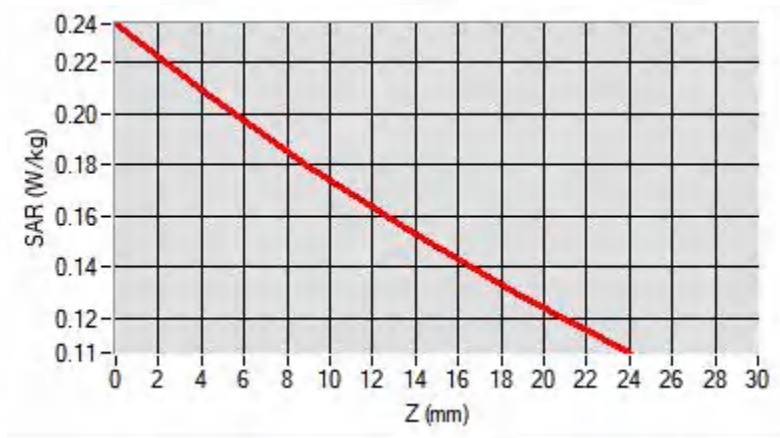
Maximum location: X=-48.00, Y=-56.00 ; SAR Peak: 0.24 W/kg

D. SAR 1g & 10g

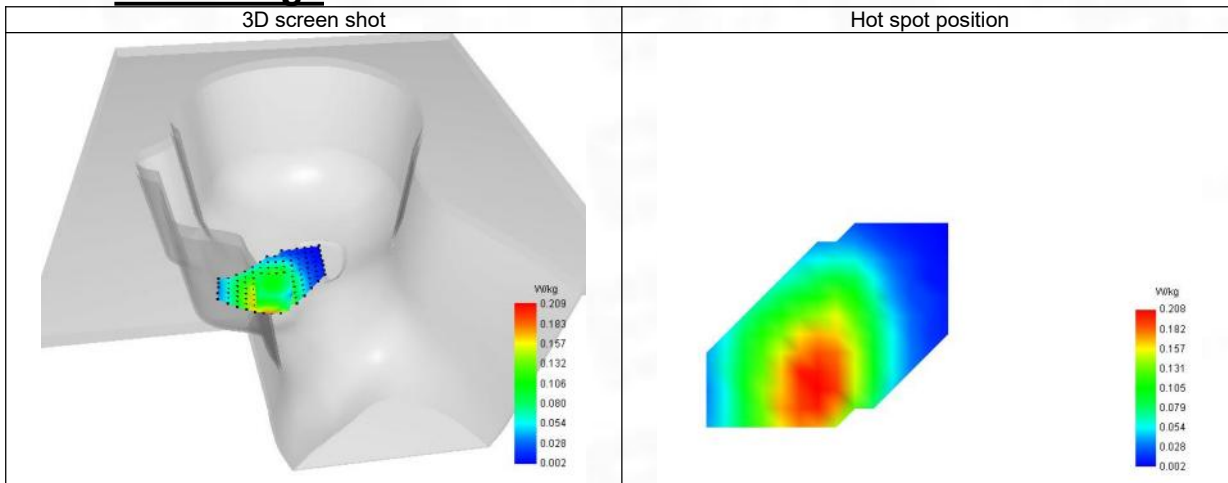
SAR 10g (W/Kg)	0.163
SAR 1g (W/Kg)	0.207
Variation (%)	-4.090
Horizontal validation criteria: minimum distance (mm)	22.627
Vertical validation criteria: SAR ratio M2/M1 (%)	86.12%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.235	0.209	0.180	0.153	0.128



F. 3D Image



2-Body with back position in dist. 10mm on Channel 190 in GPRS850+4slots

SAR Measurement at GPRS850 (Body, Validation Plane)

Date of measurement: 23/4/2025

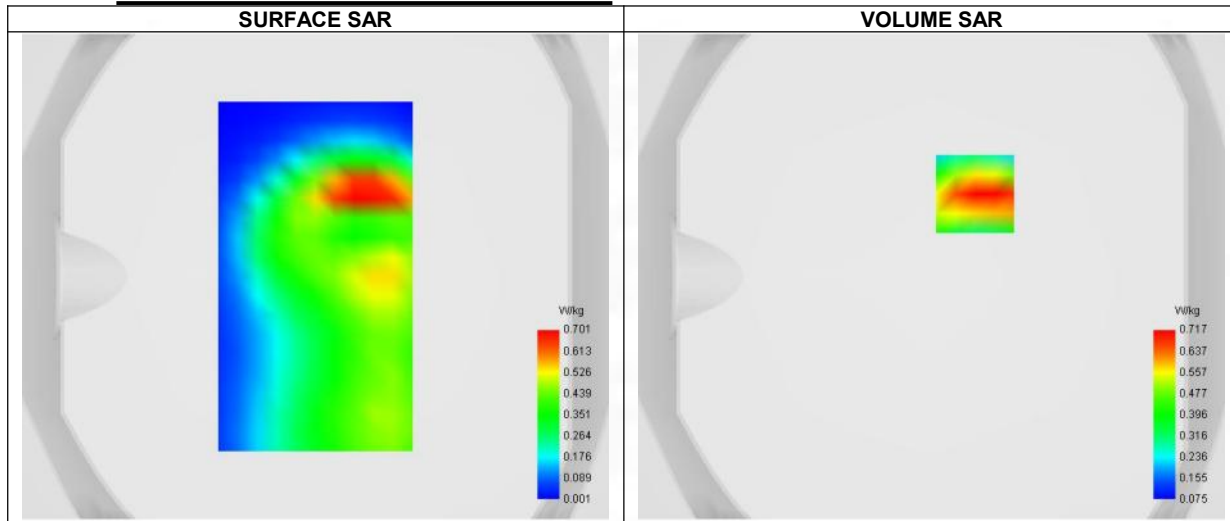
A. Experimental conditions.

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	GPRS850
Channels/Frequency	Middle (190)/ frequency 836.600 Mhz
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	836.600
Relative permittivity (real part)	42.048
Relative permittivity (imaginary part)	19.707
Conductivity (S/m)	0.911

C. SAR Surface and Volume

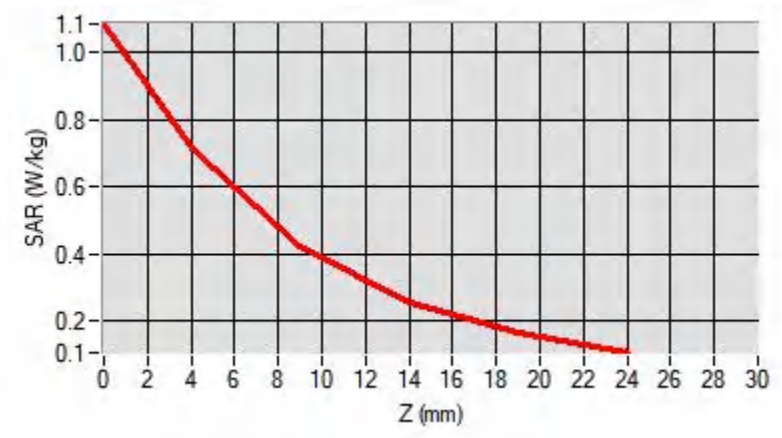


D. SAR 1g & 10g

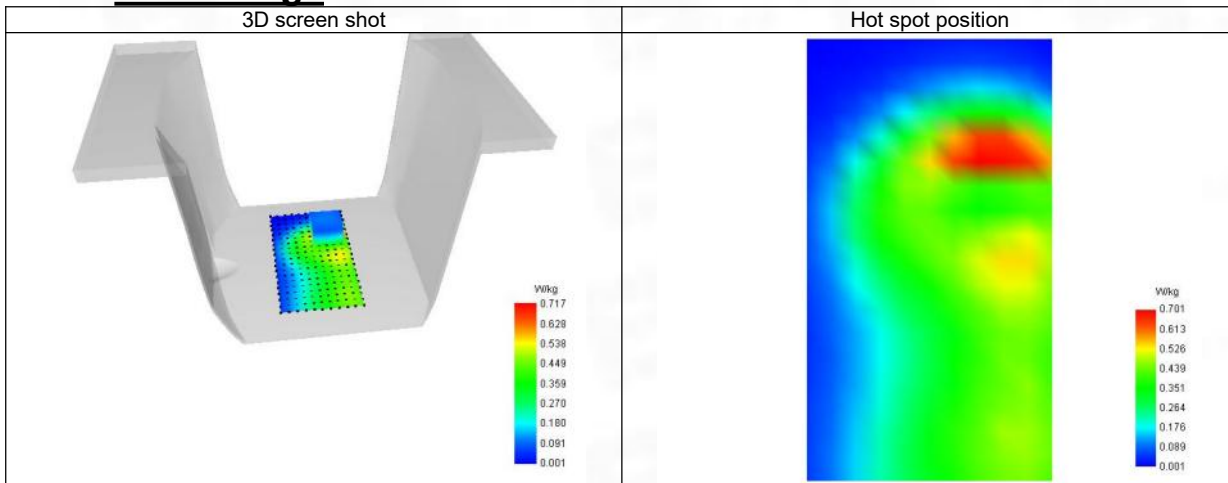
SAR 10g (W/Kg)	0.397
SAR 1g (W/Kg)	0.690
Variation (%)	-2.230
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.86%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.086	0.717	0.422	0.254	0.162



F. 3D Image



3-Head with front position in dist. 0mm on Channel 661 in GSM1900 voice

SAR Measurement at GSM1900 (Cheek, Right)

Date of measurement: 10/5/2025

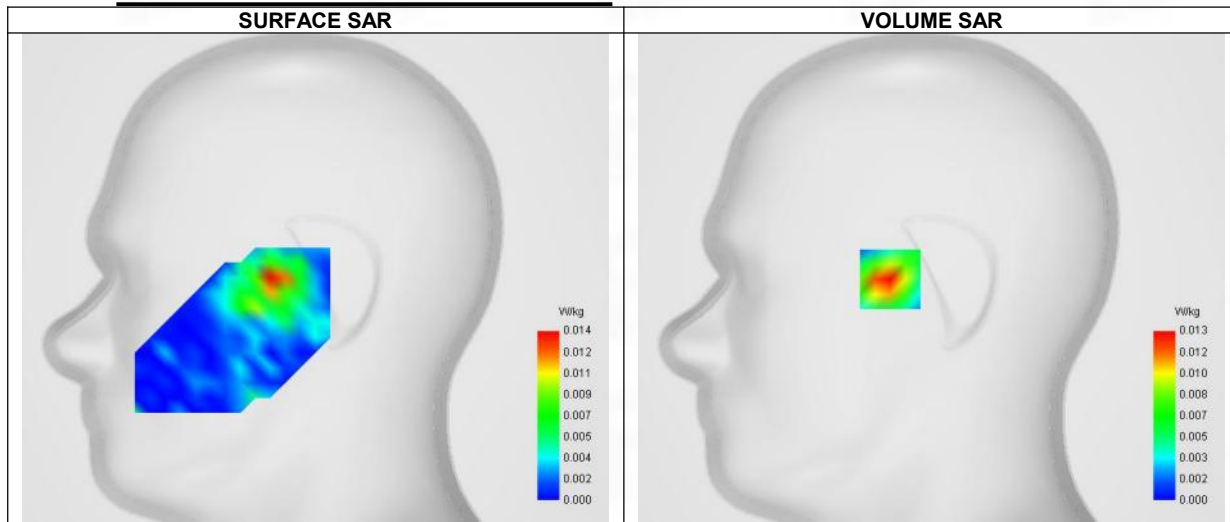
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	GSM1900
Channels/Frequency	Middle (661)/ frequency 1880.000 Mhz
Signal	TDMA (GSM)
Modulation	GMSK

B. Permittivity

Middle TX Frequency (MHz)	1880.000
Relative permittivity (real part)	40.498
Relative permittivity (imaginary part)	13.524
Conductivity (S/m)	1.404

C. SAR Surface and Volume



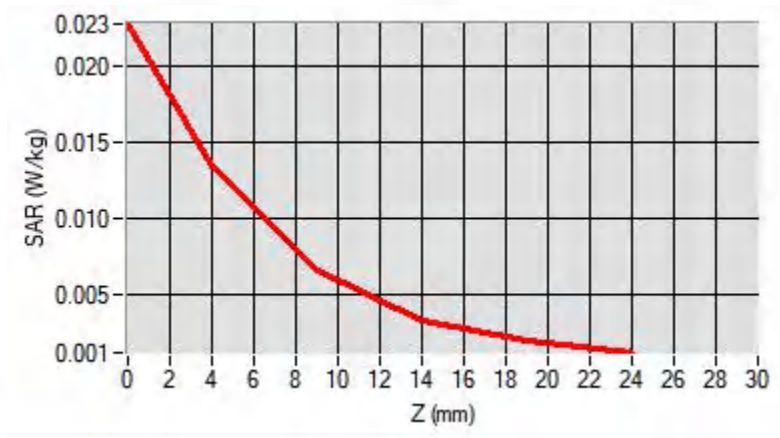
Maximum location: X=-22.00, Y=-1.00 ; SAR Peak: 0.02 W/kg

D. SAR 1g & 10g

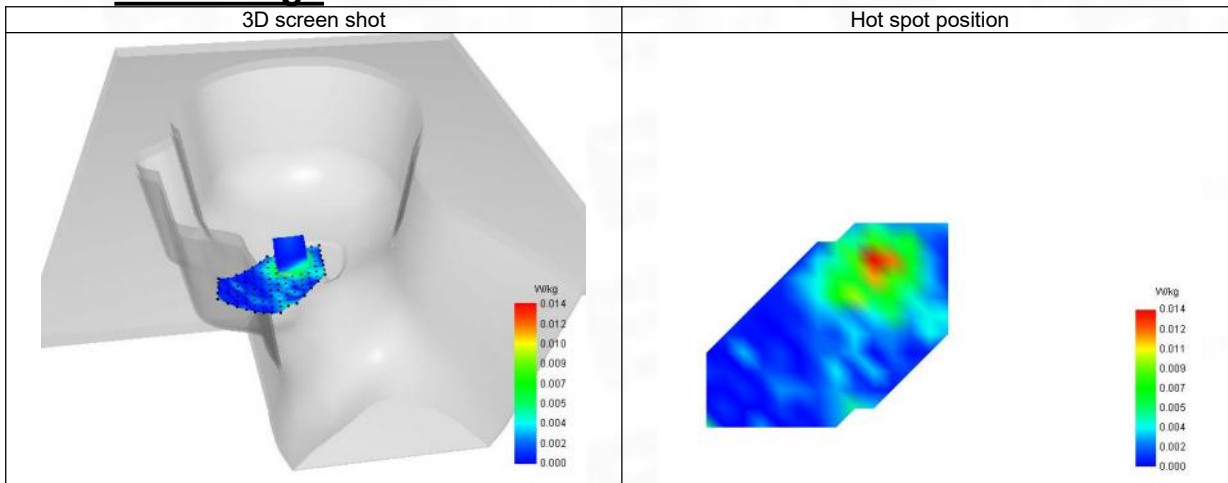
SAR 10g (W/Kg)	0.006
SAR 1g (W/Kg)	0.013
Variation (%)	-2.580
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.85%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.023	0.013	0.007	0.003	0.002



F. 3D Image



4-Body with back position in dist. 10mm on Channel 661 in GPRS1900+4slots

SAR Measurement at GPRS1900 (Body, Validation Plane)

Date of measurement: 10/5/2025

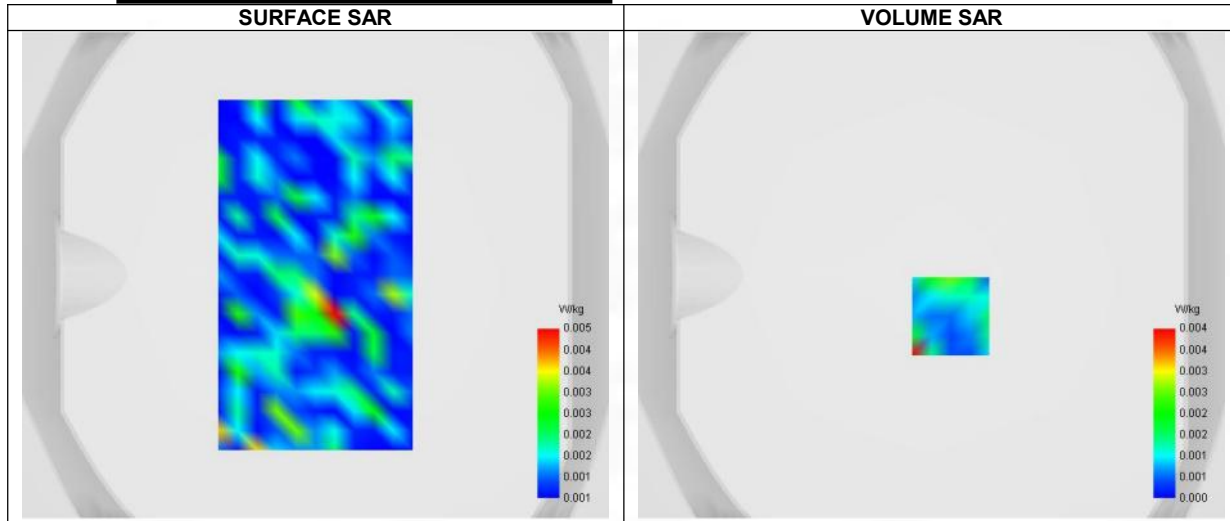
A. Experimental conditions.

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	GPRS1900
Channels/Frequency	Middle (661)/ frequency 1880.000 Mhz
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	1880.000
Relative permittivity (real part)	40.498
Relative permittivity (imaginary part)	13.524
Conductivity (S/m)	1.404

C. SAR Surface and Volume



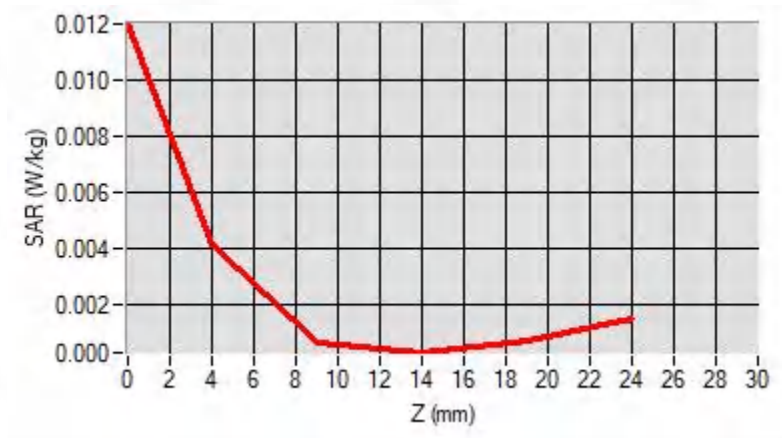
Maximum location: X=8.00, Y=-17.00 ; SAR Peak: 0.01 W/kg

D. SAR 1g & 10g

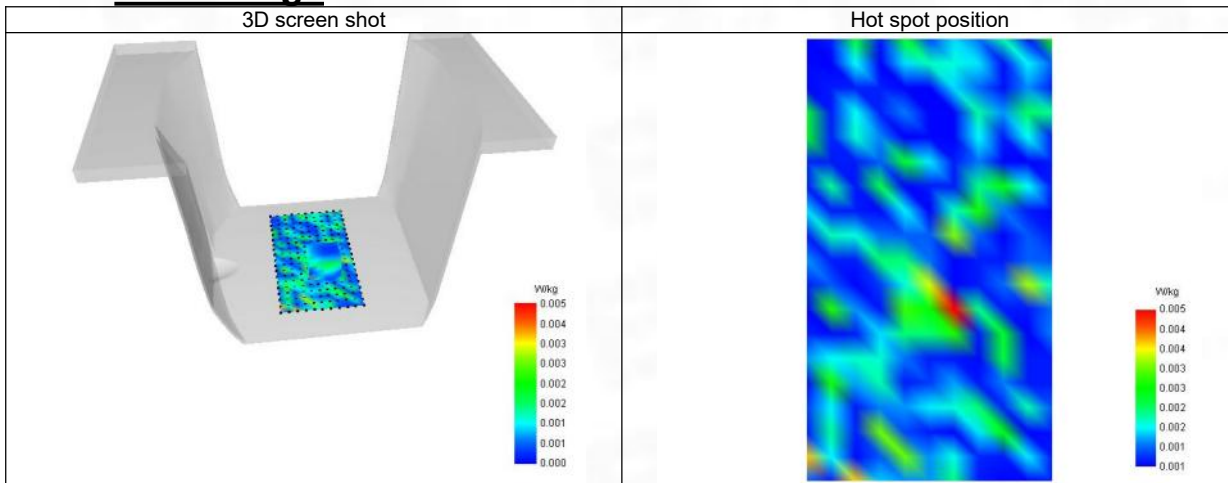
SAR 10g (W/Kg)	0.001
SAR 1g (W/Kg)	0.002
Variation (%)	-2.330
Horizontal validation criteria: minimum distance (mm)	8.000
Vertical validation criteria: SAR ratio M2/M1 (%)	50.00%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.012	0.004	0.002	0.000	0.001



F. 3D Image



5-Head with front position in dist. 0mm on Channel 9400 in WCDMA Band 2

SAR Measurement at Band 2 (1900) (Cheek, Right)

Date of measurement: 10/5/2025

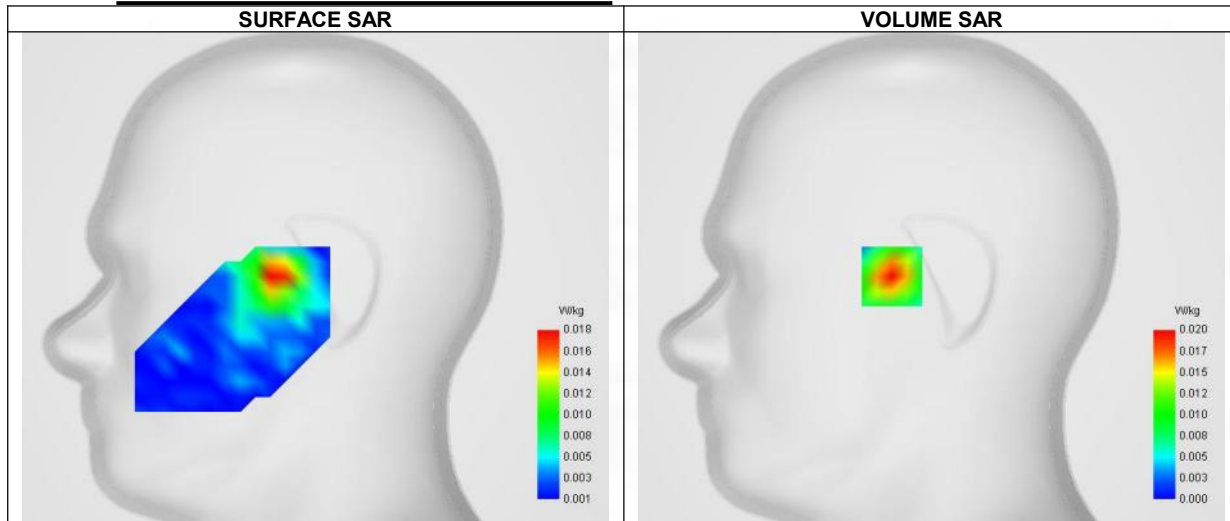
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	Band 2 (1900)
Channels/Frequency	Middle (9400)/ frequency 1880.000 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1880.000
Relative permittivity (real part)	40.498
Relative permittivity (imaginary part)	13.524
Conductivity (S/m)	1.404

C. SAR Surface and Volume



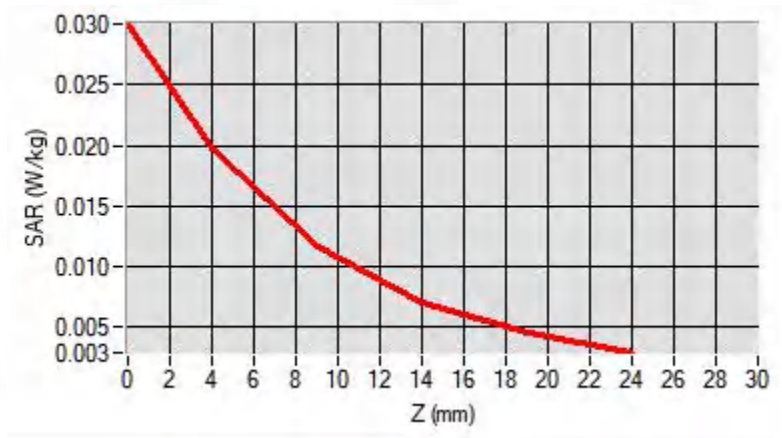
Maximum location: X=-21.00, Y=0.00 ; SAR Peak: 0.03 W/kg

D. SAR 1g & 10g

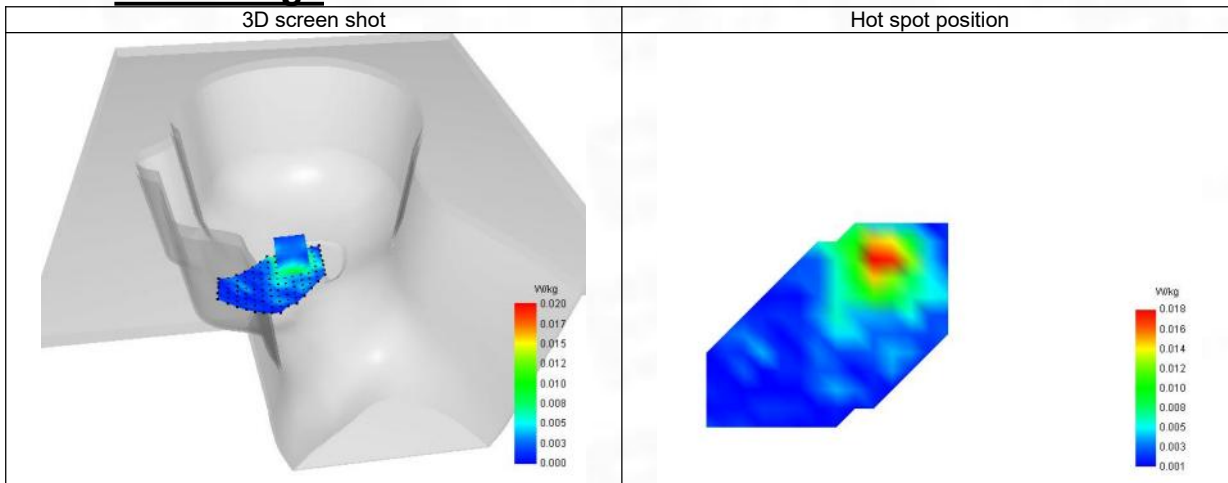
SAR 10g (W/Kg)	0.010
SAR 1g (W/Kg)	0.019
Variation (%)	3.150
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.00%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.030	0.020	0.012	0.007	0.004



F. 3D Image



6-Body with back position in dist. 10mm on Channel 9400 in WCDMA Band 2

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

Date of measurement: 10/5/2025

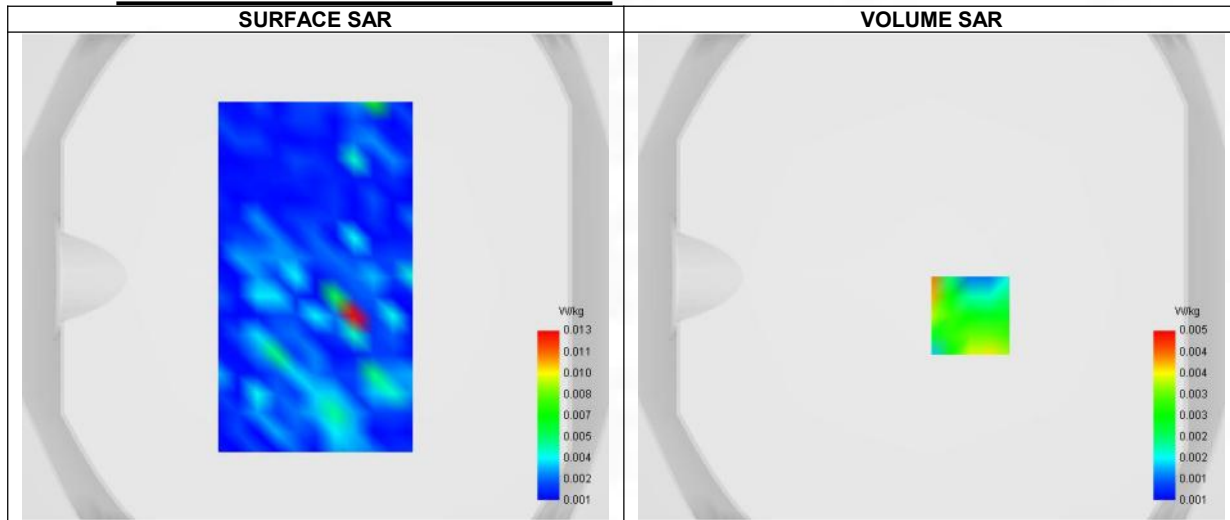
A. Experimental conditions.

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	Middle (9400)/ frequency 1880.000 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1880.000
Relative permittivity (real part)	40.498
Relative permittivity (imaginary part)	13.524
Conductivity (S/m)	1.404

C. SAR Surface and Volume



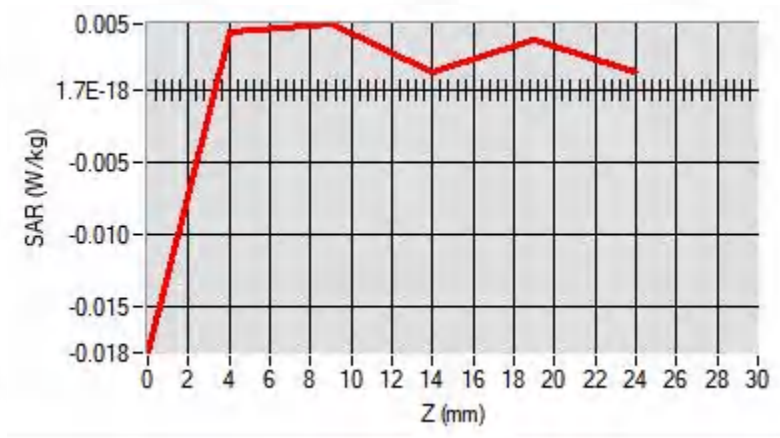
Maximum location: X=16.00, Y=-16.00 ; SAR Peak: 0.01 W/kg

D. SAR 1g & 10g

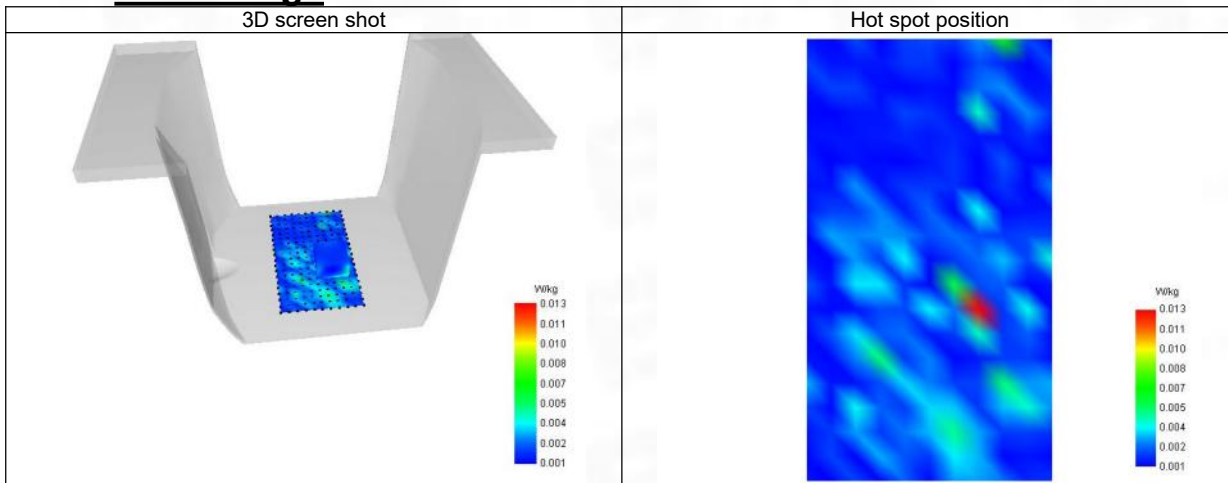
SAR 10g (W/Kg)	0.001
SAR 1g (W/Kg)	0.004
Variation (%)	3.590
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	125.00%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	-0.018	0.004	0.005	0.001	0.003



F. 3D Image



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

SAR Measurement at Band 4 (1700) (Cheek, Right)

Date of measurement: 27/4/2025

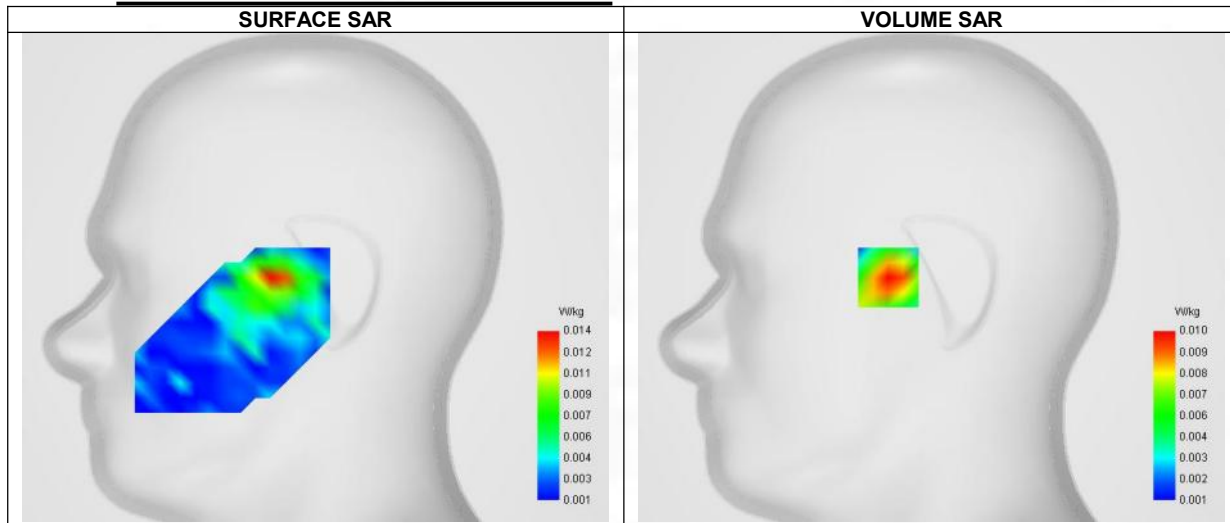
A. Experimental conditions.

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	Right head
Device Position	Cheek
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)	40.757
Relative permittivity (imaginary part)	14.550
Conductivity (S/m)	1.357

C. SAR Surface and Volume



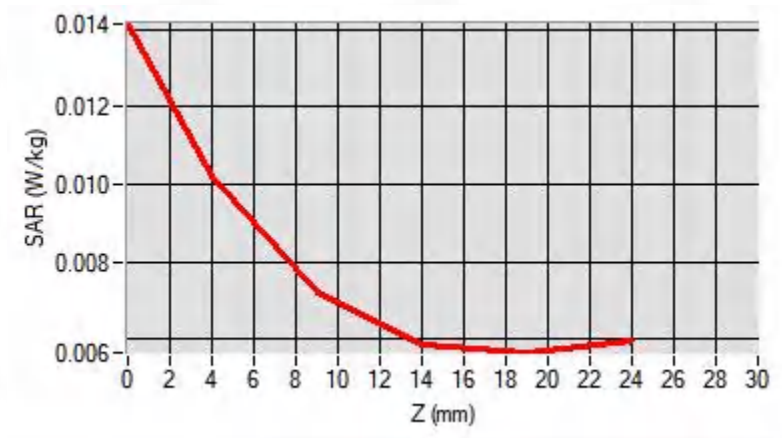
Maximum location: X=-23.00, Y=0.00 ; SAR Peak: 0.01 W/kg

D. SAR 1g & 10g

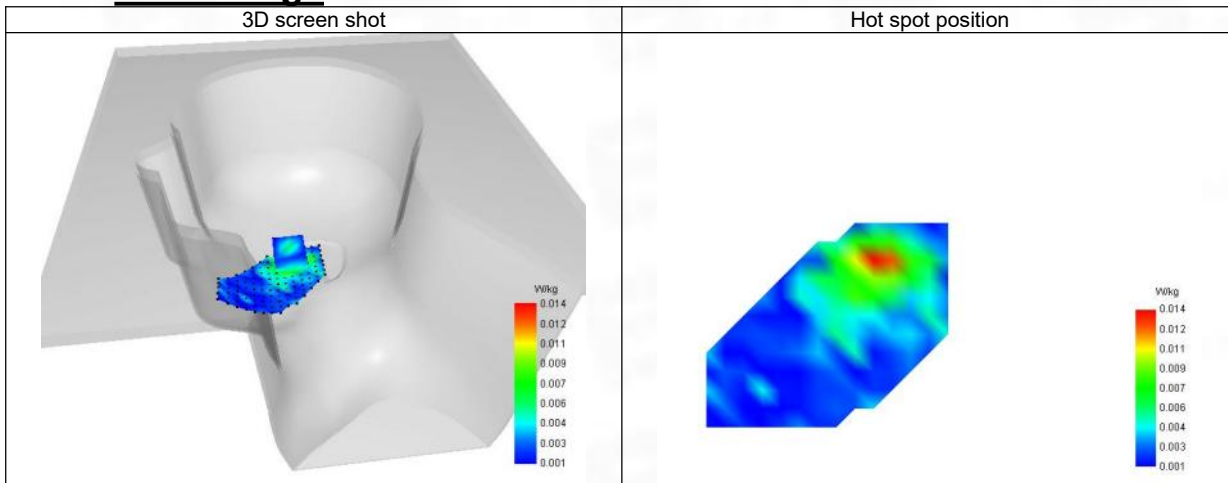
SAR 10g (W/Kg)	0.007
SAR 1g (W/Kg)	0.010
Variation (%)	0.760
Horizontal validation criteria: minimum distance (mm)	17.889
Vertical validation criteria: SAR ratio M2/M1 (%)	70.00%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.014	0.010	0.007	0.006	0.006



F. 3D Image



8-Body with top position in dist. 10mm on Channel 1513 in WCDMA Band 4

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

Date of measurement: 27/4/2025

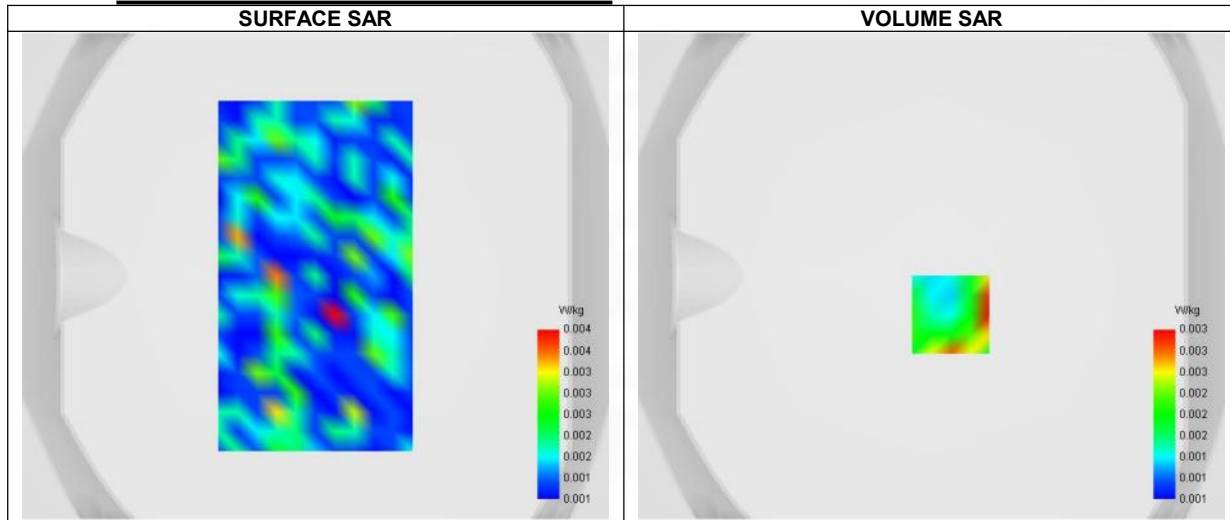
A. Experimental conditions.

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)	40.757
Relative permittivity (imaginary part)	14.550
Conductivity (S/m)	1.357

C. SAR Surface and Volume



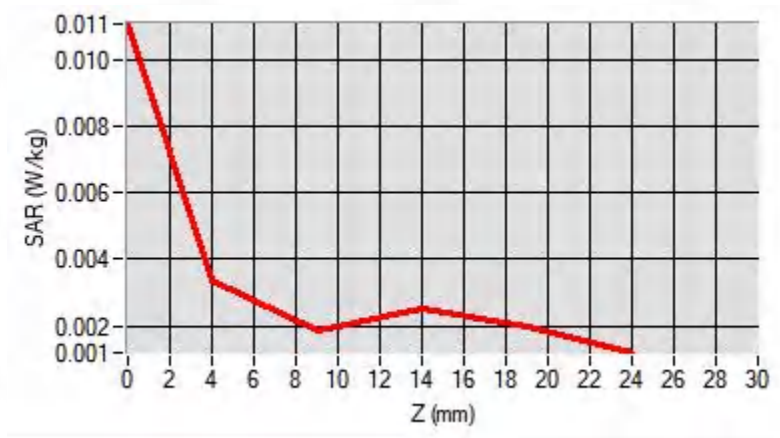
Maximum location: X=8.00, Y=-16.00 ; SAR Peak: 0.01 W/kg

D. SAR 1g & 10g

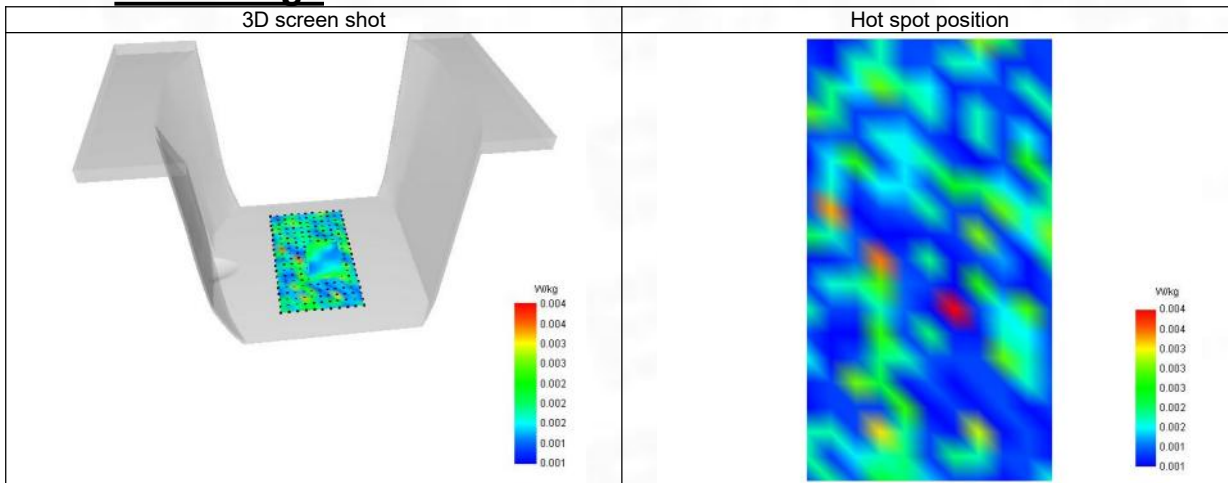
SAR 10g (W/Kg)	0.001
SAR 1g (W/Kg)	0.003
Variation (%)	-2.470
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	66.67%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.011	0.003	0.002	0.003	0.002



F. 3D Image



9-Head with front position in dist. 0mm on Channel 4132 in WCDMA Band 5

SAR Measurement at Band 5 (850) (Cheek, Right)

Date of measurement: 23/4/2025

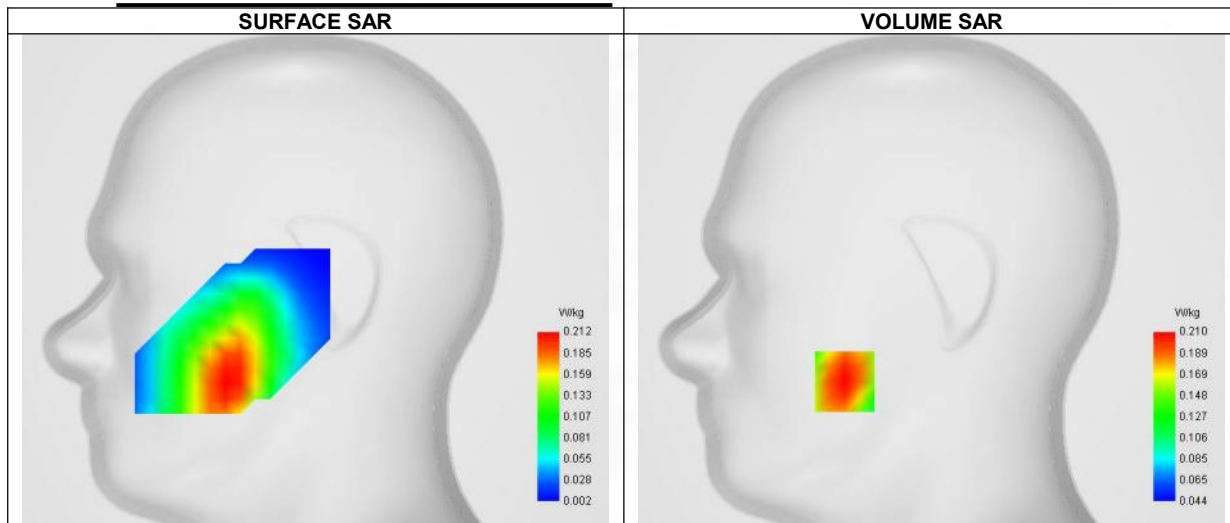
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	Band 5 (850)
Channels/Frequency	Lower (4132)/ frequency 826.400 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	826.400
Relative permittivity (real part)	42.088
Relative permittivity (imaginary part)	19.848
Conductivity (S/m)	0.907

C. SAR Surface and Volume



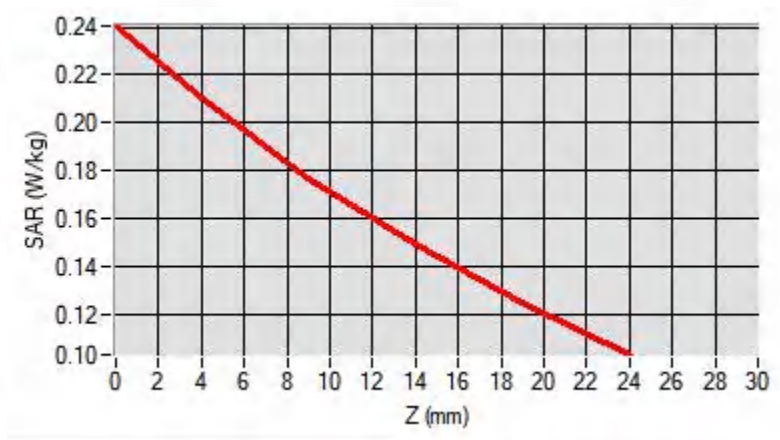
Maximum location: X=-46.00, Y=-55.00 ; SAR Peak: 0.24 W/kg

D. SAR 1g & 10g

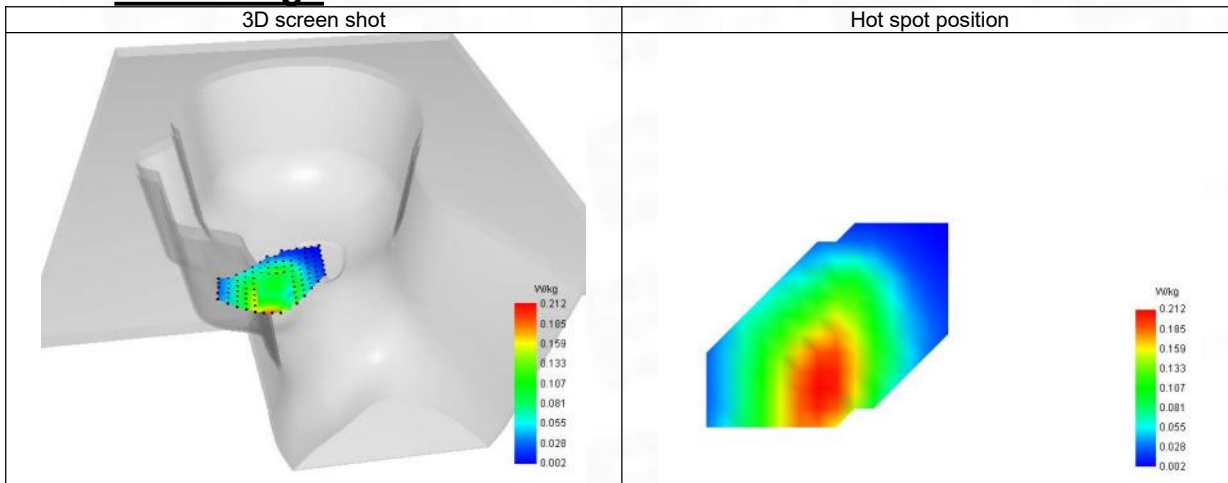
SAR 10g (W/Kg)	0.161
SAR 1g (W/Kg)	0.207
Variation (%)	-2.740
Horizontal validation criteria: minimum distance (mm)	22.627
Vertical validation criteria: SAR ratio M2/M1 (%)	84.29%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.240	0.210	0.177	0.149	0.125



F. 3D Image



10-Body with back position in dist. 10mm on Channel 4132 in WCDMA Band 5

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

Date of measurement: 23/4/2025

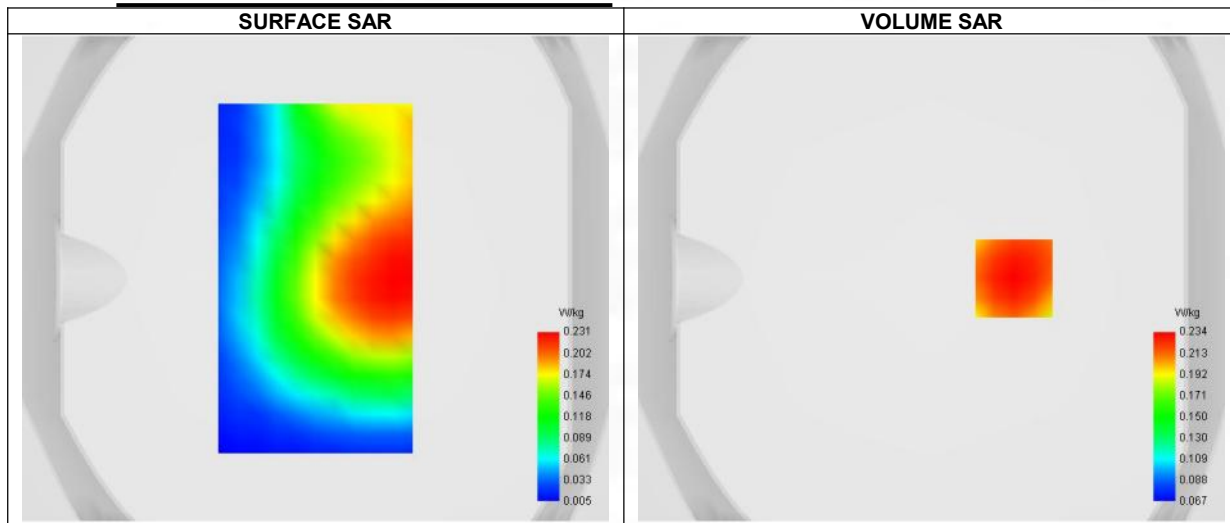
A. Experimental conditions.

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	Lower (4132)/ frequency 826.400 Mhz
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	826.400
Relative permittivity (real part)	42.088
Relative permittivity (imaginary part)	19.848
Conductivity (S/m)	0.907

C. SAR Surface and Volume



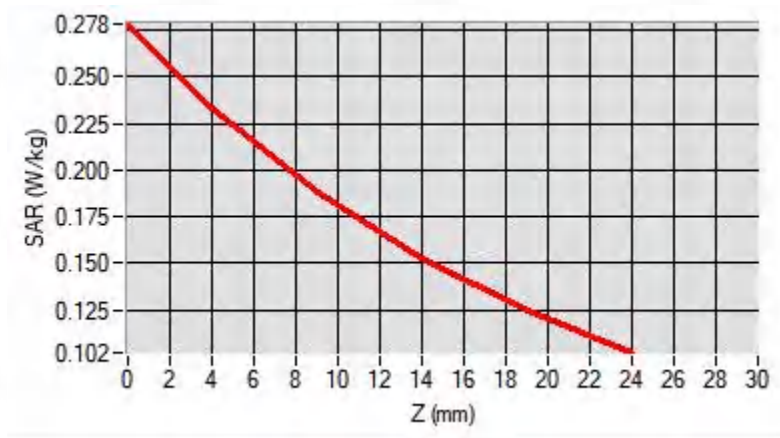
Maximum location: X=34.00, Y=0.00 ; SAR Peak: 0.28 W/kg

D. SAR 1g & 10g

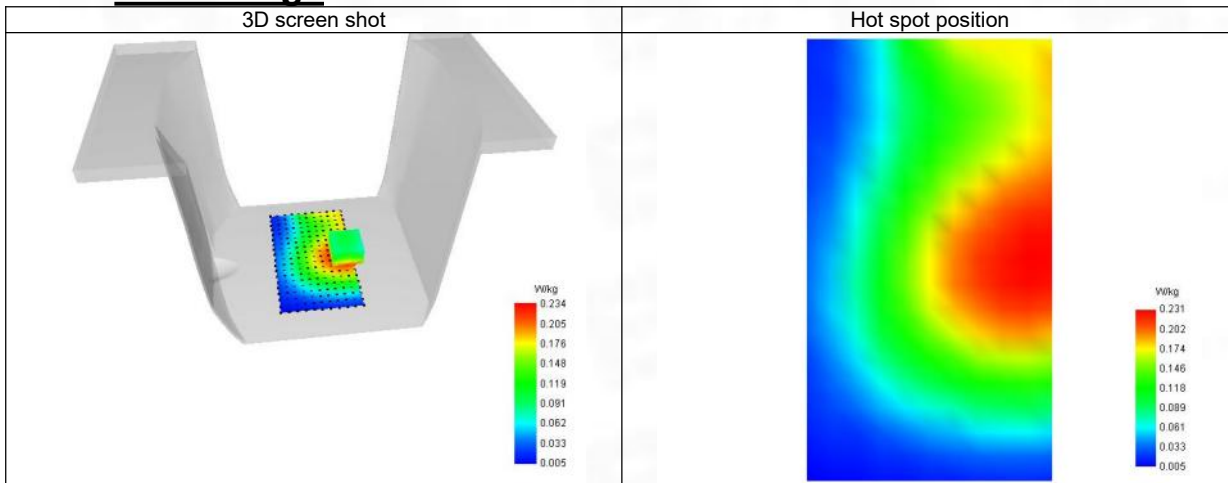
SAR 10g (W/Kg)	0.179
SAR 1g (W/Kg)	0.231
Variation (%)	-3.010
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	80.34%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.278	0.234	0.188	0.153	0.125



F. 3D Image



11-Head with front position in dist. 0mm on Channel 18900 in LTE band 2

SAR Measurement at LTE band 2 (Cheek, Right)

Date of measurement: 10/5/2025

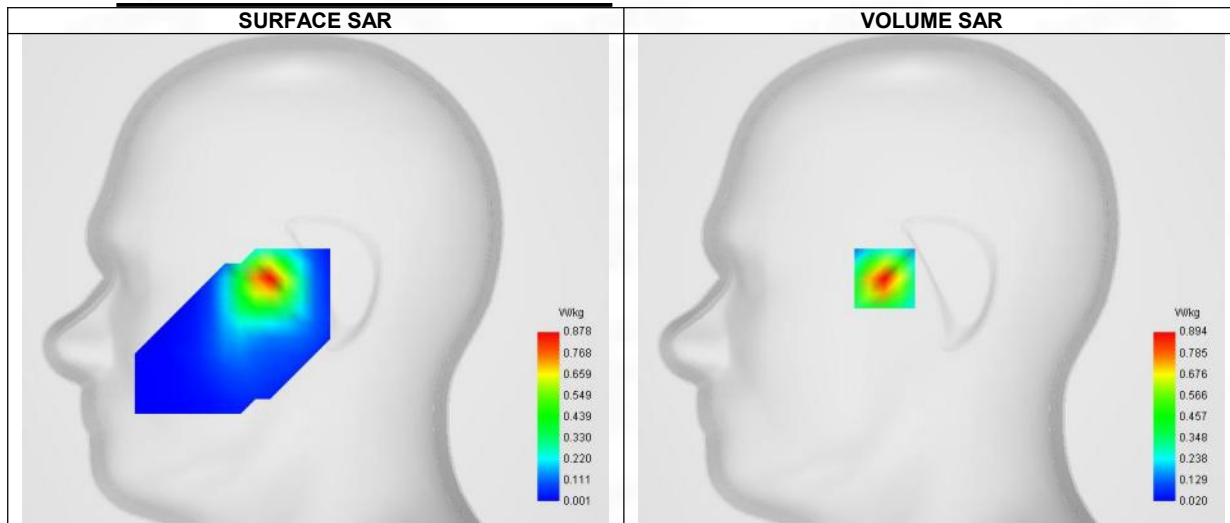
A. Experimental conditions.

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	Right head
Device Position	Cheek
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	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1880.090
Relative permittivity (real part)	40.498
Relative permittivity (imaginary part)	13.523
Conductivity (S/m)	1.404

C. SAR Surface and Volume



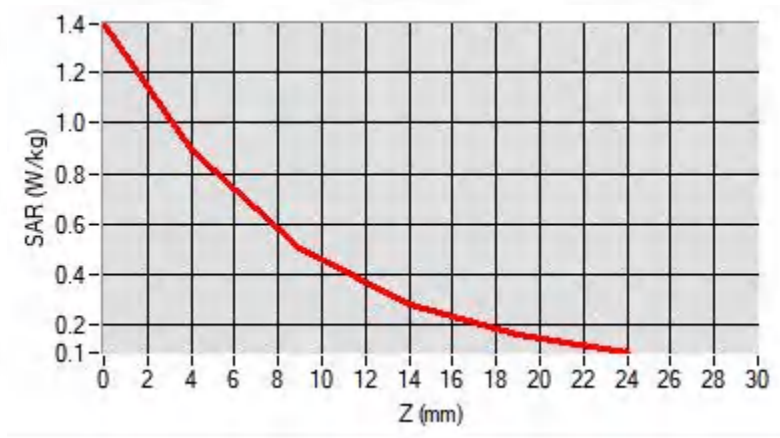
Maximum location: X=-25.00, Y=0.00 ; SAR Peak: 1.39 W/kg

D. SAR 1g & 10g

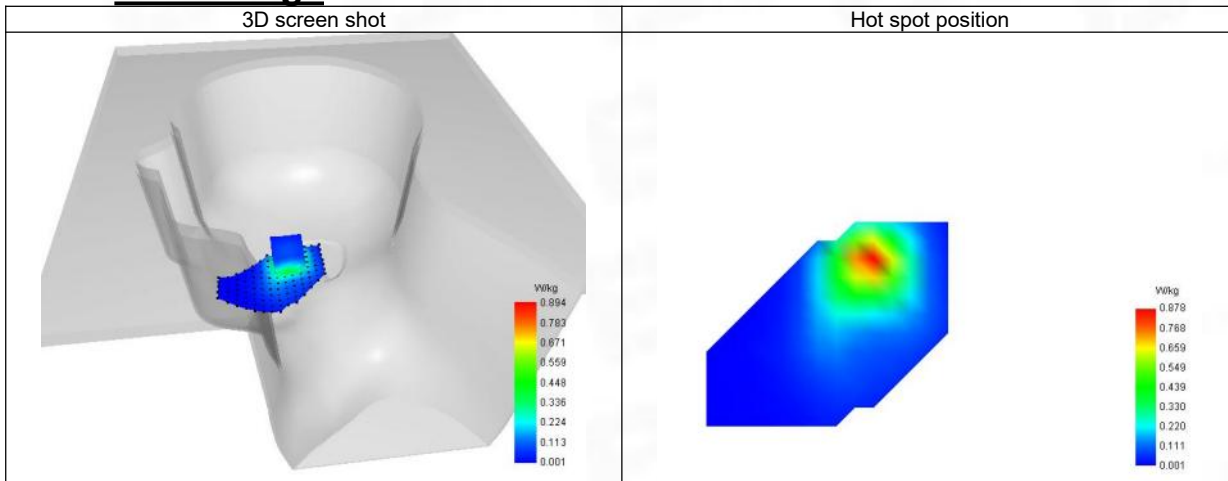
SAR 10g (W/Kg)	0.424
SAR 1g (W/Kg)	0.842
Variation (%)	-0.680
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.04%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.391	0.894	0.501	0.280	0.162



F. 3D Image



12-Body with back position in dist. 10mm on Channel 18900 in LTE band 2

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

Date of measurement: 10/5/2025

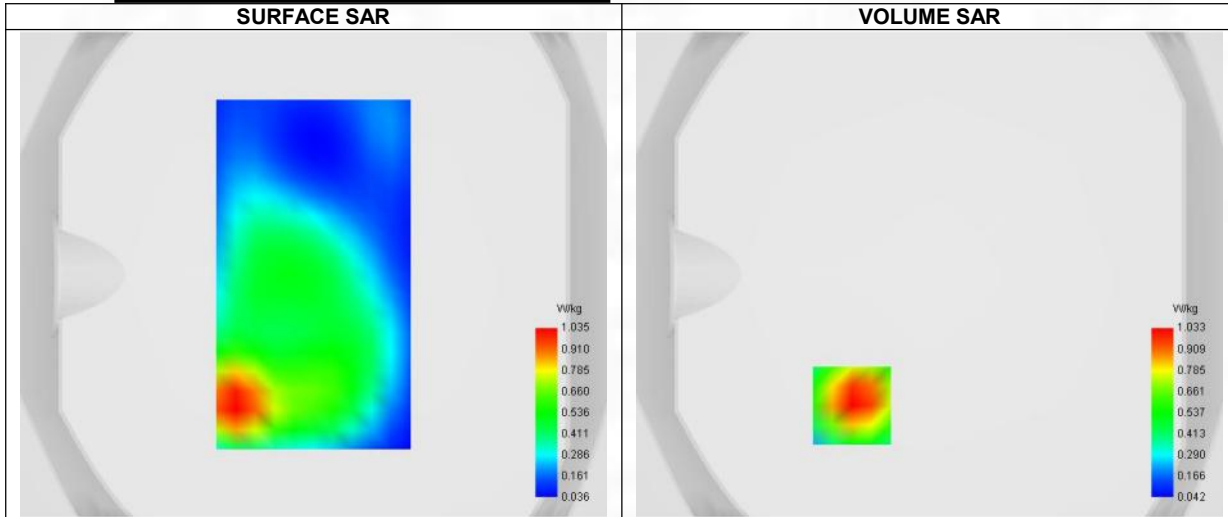
A. Experimental conditions.

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	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1880.090
Relative permittivity (real part)	40.498
Relative permittivity (imaginary part)	13.523
Conductivity (S/m)	1.404

C. SAR Surface and Volume



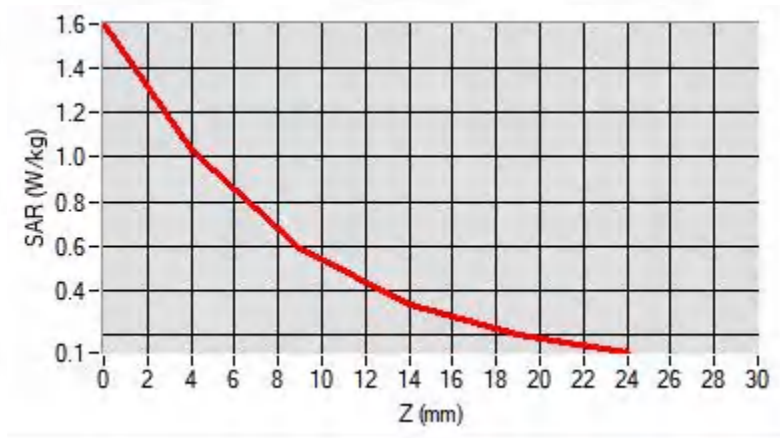
Maximum location: X=-32.00, Y=-54.00 ; SAR Peak: 1.62 W/kg

D. SAR 1g & 10g

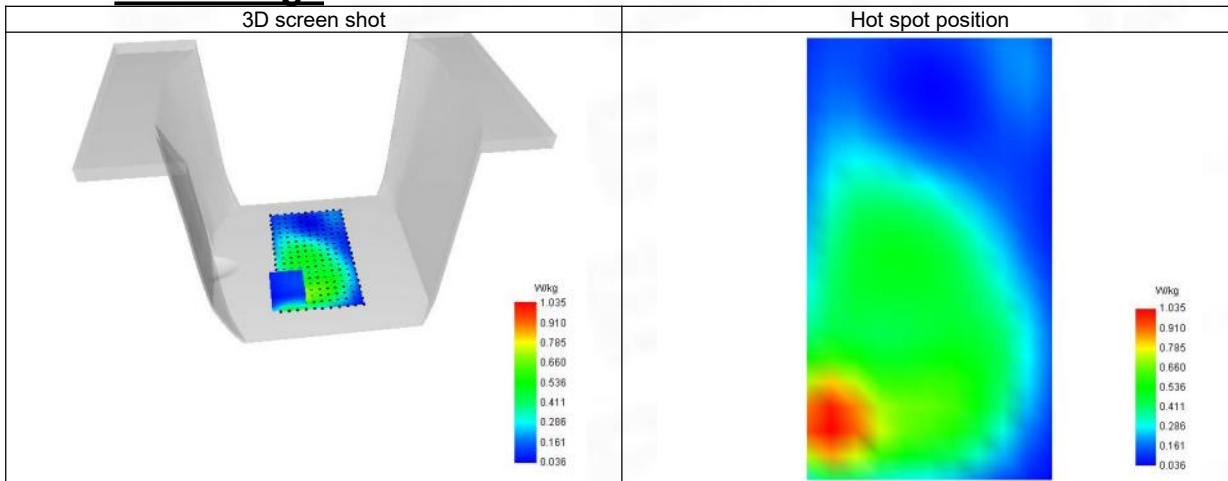
SAR 10g (W/Kg)	0.555
SAR 1g (W/Kg)	1.008
Variation (%)	-0.830
Horizontal validation criteria: minimum distance (mm)	17.889
Vertical validation criteria: SAR ratio M2/M1 (%)	56.53%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.600	1.033	0.584	0.333	0.199



F. 3D Image



13-Head with front position in dist. 0mm on Channel 20175 in LTE band 4

SAR Measurement at LTE band 4 (Cheek, Right)

Date of measurement: 27/4/2025

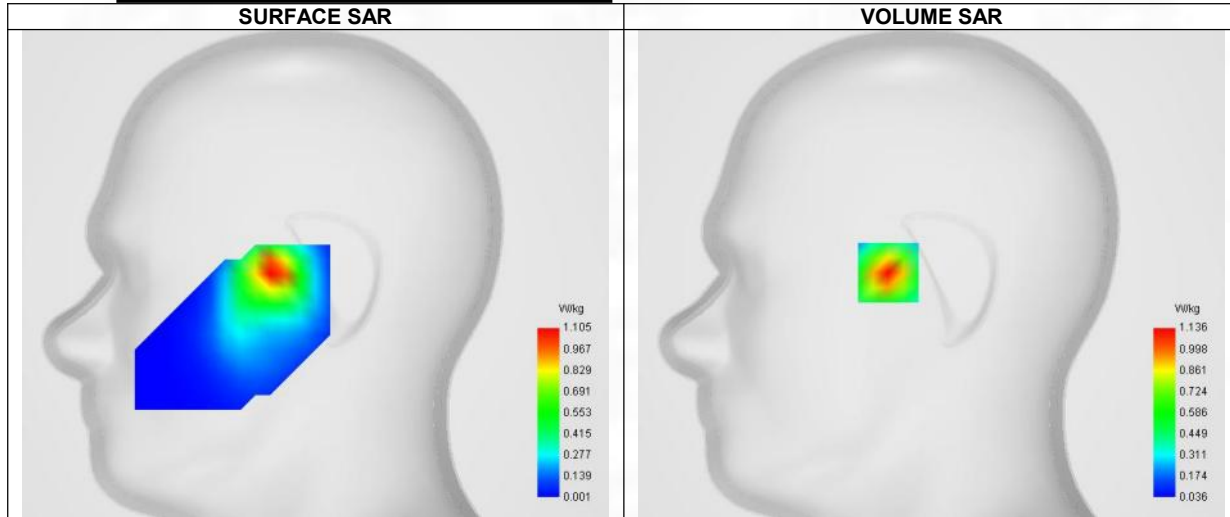
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	LTE band 4
Channels/Frequency	Middle (20175)/ frequency 1732.500 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1732.590
Relative permittivity (real part)	40.785
Relative permittivity (imaginary part)	14.663
Conductivity (S/m)	1.347

C. SAR Surface and Volume



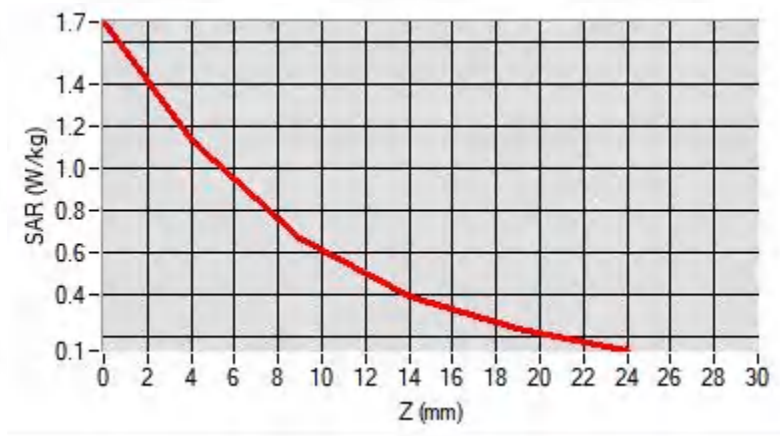
Maximum location: X=-23.00, Y=1.00 ; SAR Peak: 1.70 W/kg

D. SAR 1g & 10g

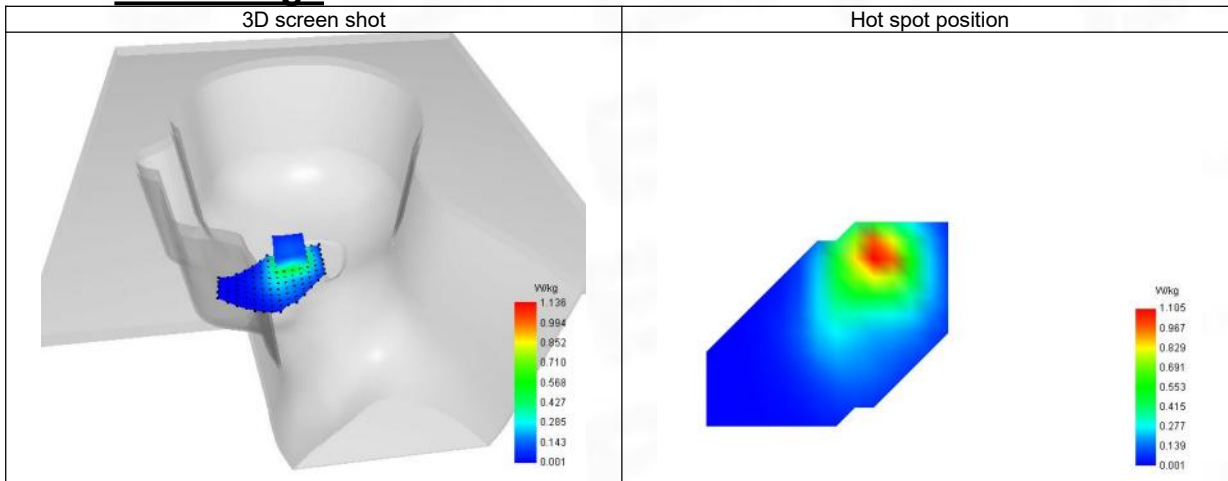
SAR 10g (W/Kg)	0.561
SAR 1g (W/Kg)	1.005
Variation (%)	-1.150
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.07%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.699	1.136	0.671	0.394	0.234



F. 3D Image



14-Body with back position in dist. 10mm on Channel 20175 in LTE band 4

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

Date of measurement: 27/4/2025

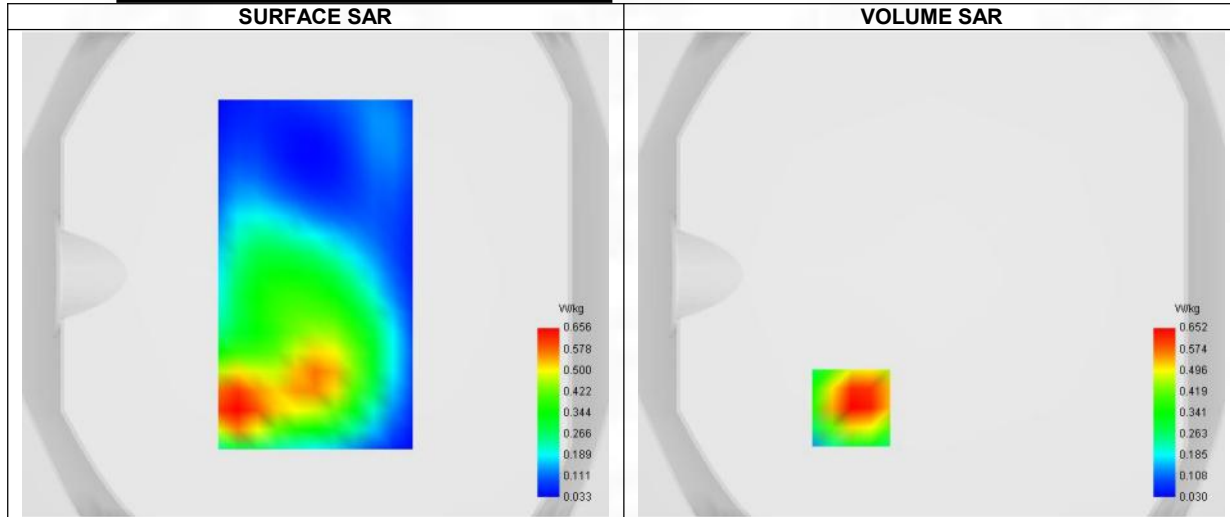
A. Experimental conditions.

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	Middle (20175)/ frequency 1732.500 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1732.590
Relative permittivity (real part)	40.785
Relative permittivity (imaginary part)	14.663
Conductivity (S/m)	1.347

C. SAR Surface and Volume

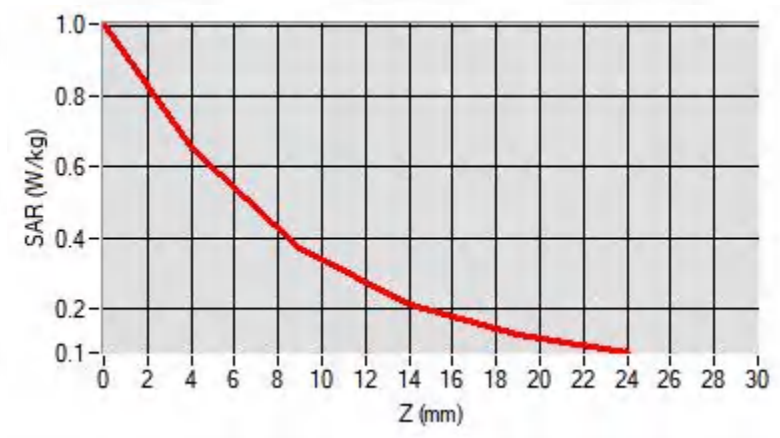


D. SAR 1g & 10g

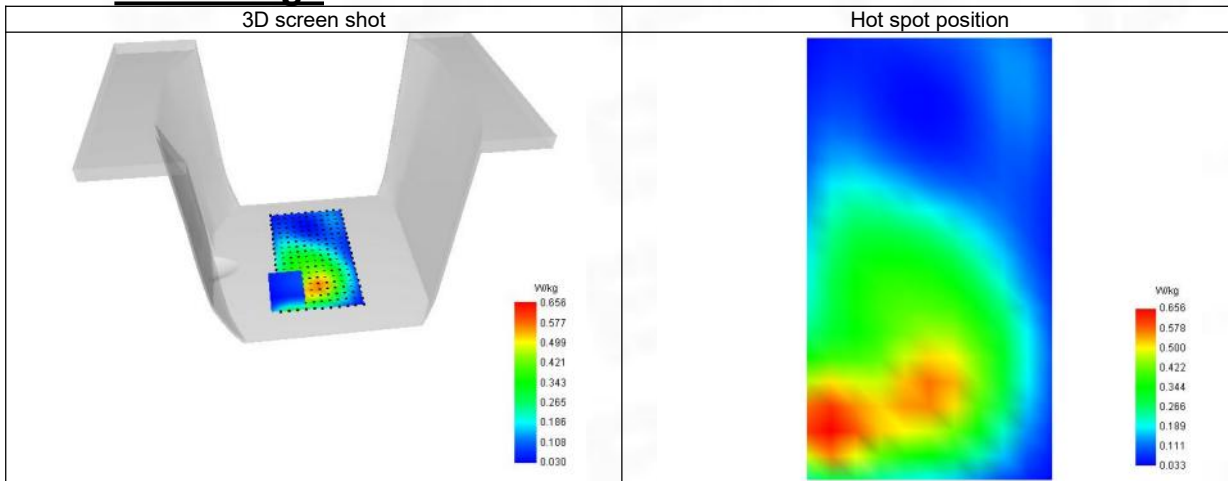
SAR 10g (W/Kg)	0.345
SAR 1g (W/Kg)	0.627
Variation (%)	-1.880
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.90%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.005	0.652	0.371	0.214	0.128



F. 3D Image



15-Head with front position in dist. 0mm on Channel 20600 in LTE band 5

SAR Measurement at LTE band 5 (Cheek, Right)

Date of measurement: 23/4/2025

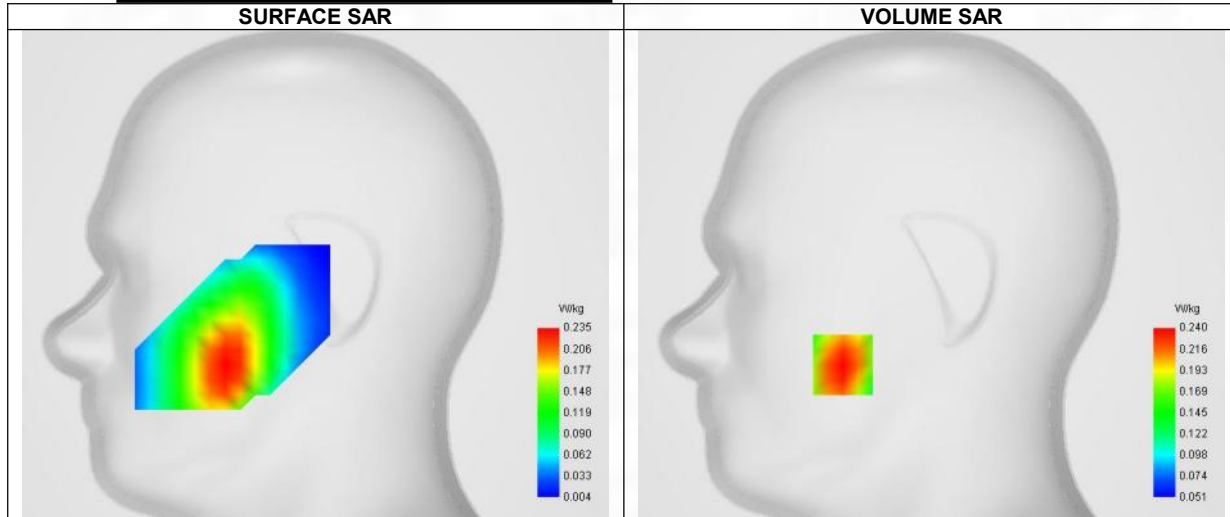
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	LTE band 5
Channels/Frequency	Higher (20600)/ frequency 844.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	839.590
Relative permittivity (real part)	42.044
Relative permittivity (imaginary part)	19.690
Conductivity (S/m)	0.912

C. SAR Surface and Volume

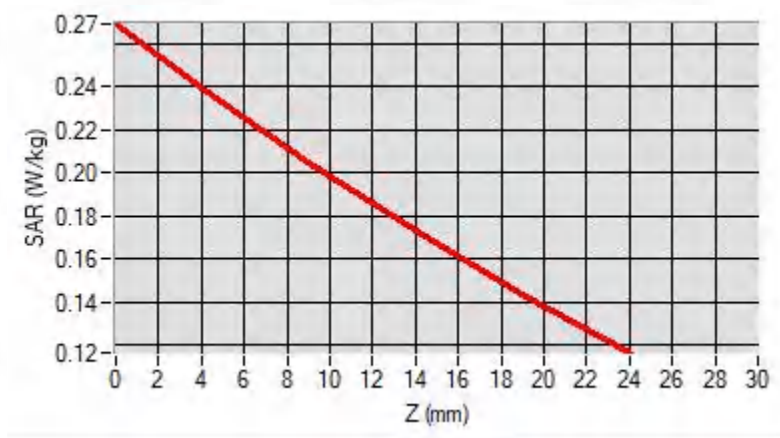


D. SAR 1g & 10g

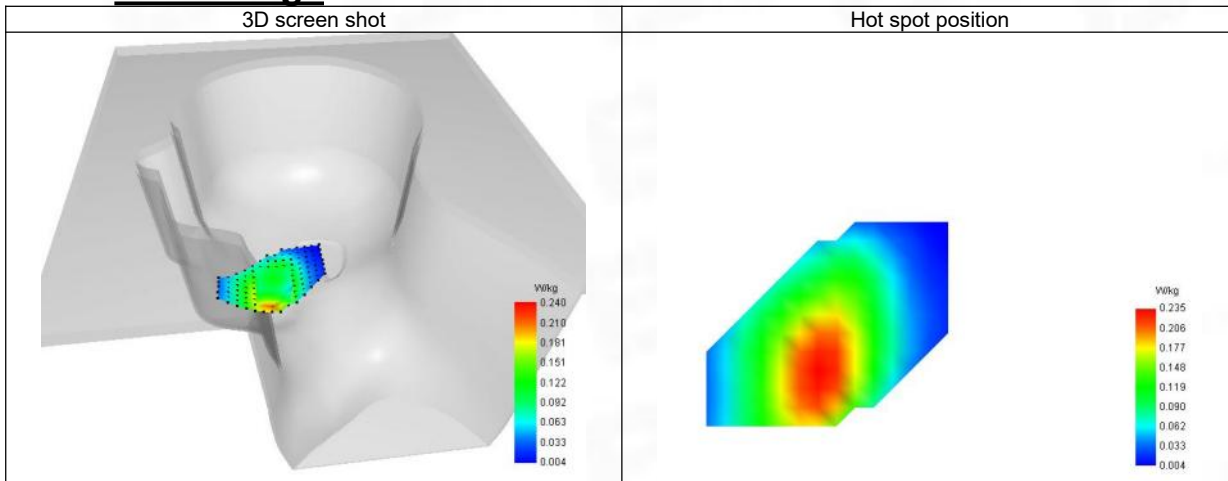
SAR 10g (W/Kg)	0.183
SAR 1g (W/Kg)	0.235
Variation (%)	-2.490
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	85.42%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.269	0.240	0.205	0.173	0.143



F. 3D Image



16-Body with back position in dist. 10mm on Channel 20600 in LTE band 5

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

Date of measurement: 27/4/2025

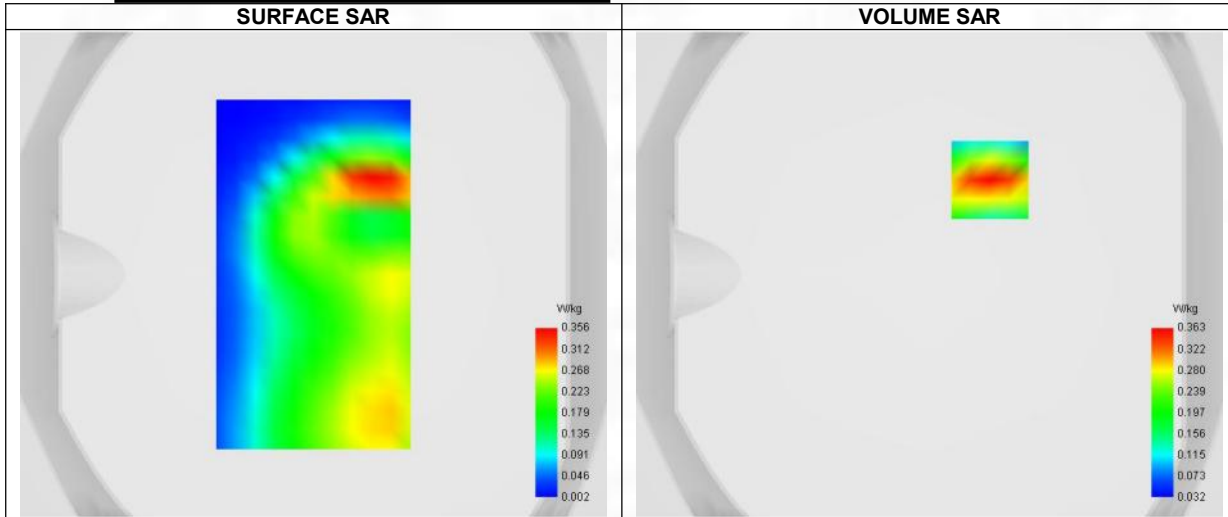
A. Experimental conditions.

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	Higher (20600)/ frequency 844.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	839.590
Relative permittivity (real part)	42.044
Relative permittivity (imaginary part)	19.690
Conductivity (S/m)	0.912

C. SAR Surface and Volume

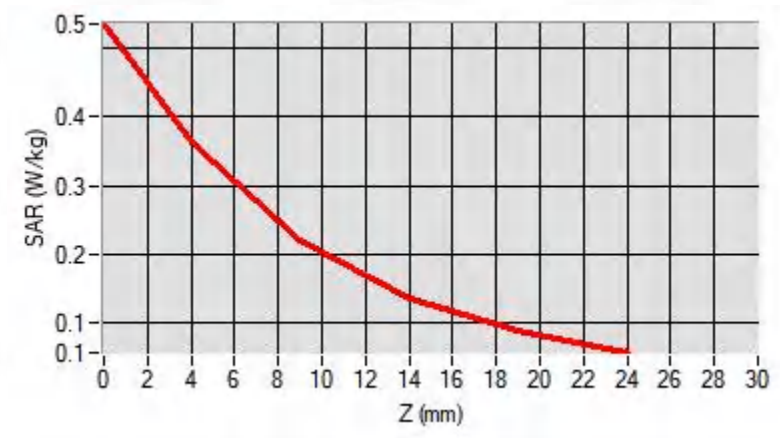


D. SAR 1g & 10g

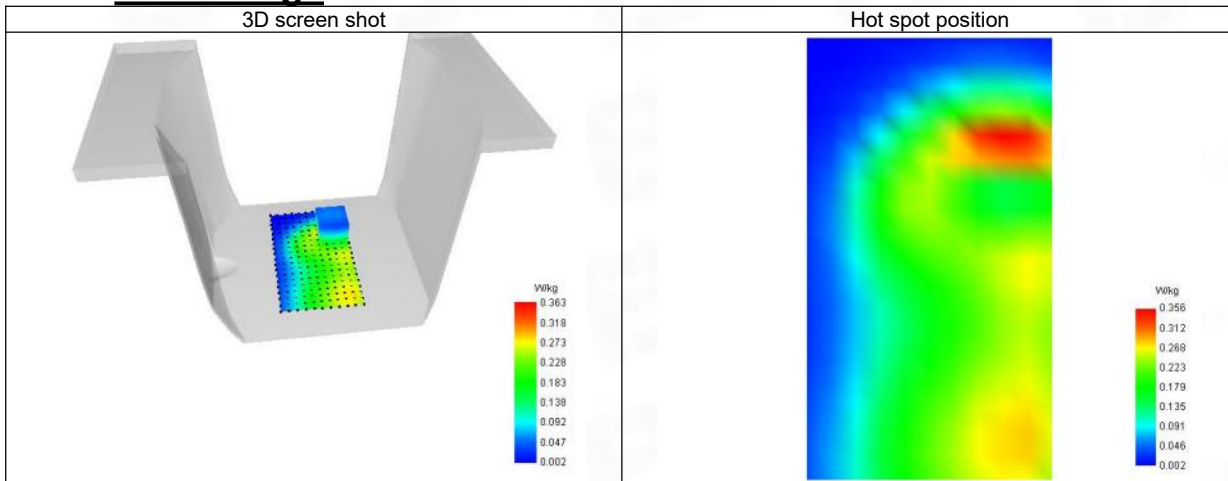
SAR 10g (W/Kg)	0.197
SAR 1g (W/Kg)	0.342
Variation (%)	-2.150
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.88%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.535	0.363	0.221	0.137	0.089



F. 3D Image



17-Head with front position in dist. 0mm on Channel 20850 in LTE band 7

SAR Measurement at LTE band 7 (Cheek, Right)

Date of measurement: 13/5/2025

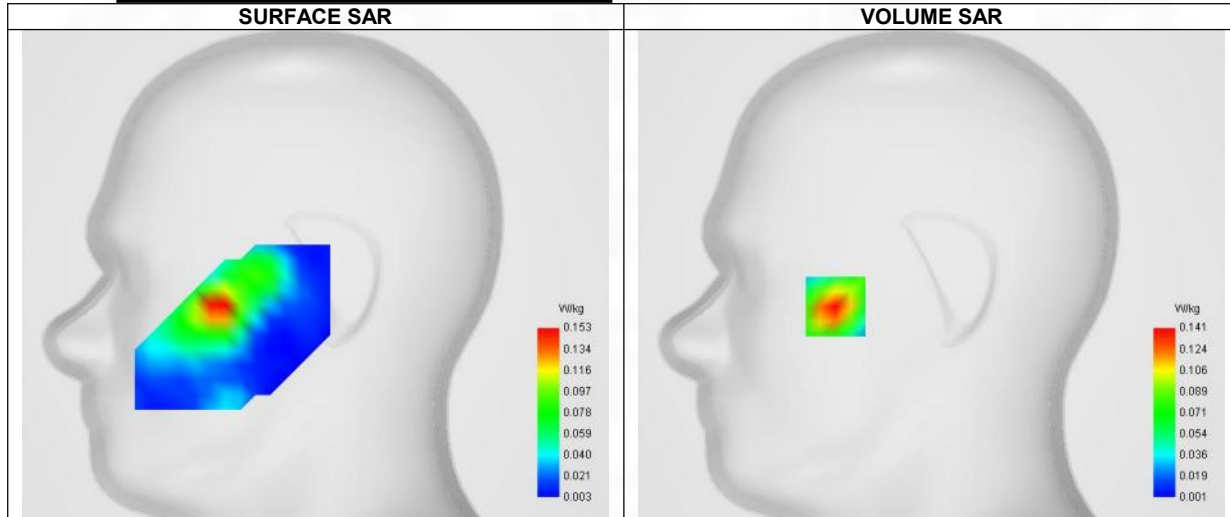
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	LTE band 7
Channels/Frequency	Lower (20850)/ frequency 2510.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	2501.090
Relative permittivity (real part)	39.363
Relative permittivity (imaginary part)	13.007
Conductivity (S/m)	1.838

C. SAR Surface and Volume



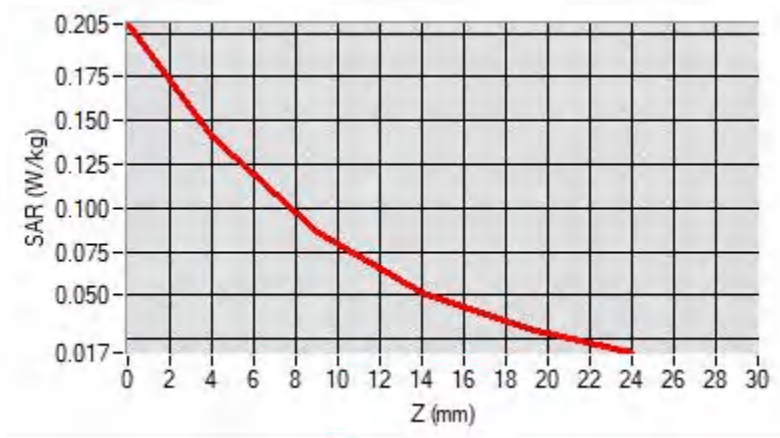
Maximum location: X=-51.00, Y=-17.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

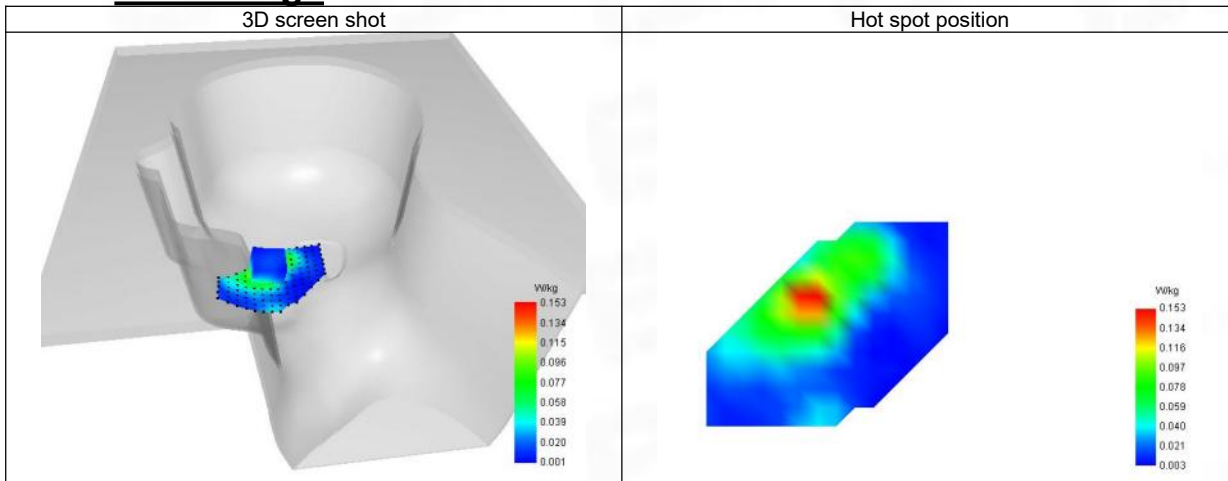
SAR 10g (W/Kg)	0.071
SAR 1g (W/Kg)	0.133
Variation (%)	-4.560
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.99%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.205	0.141	0.086	0.052	0.031



F. 3D Image



18-Body with back position in dist. 10mm on Channel 20850 in LTE band 7

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

Date of measurement: 13/5/2025

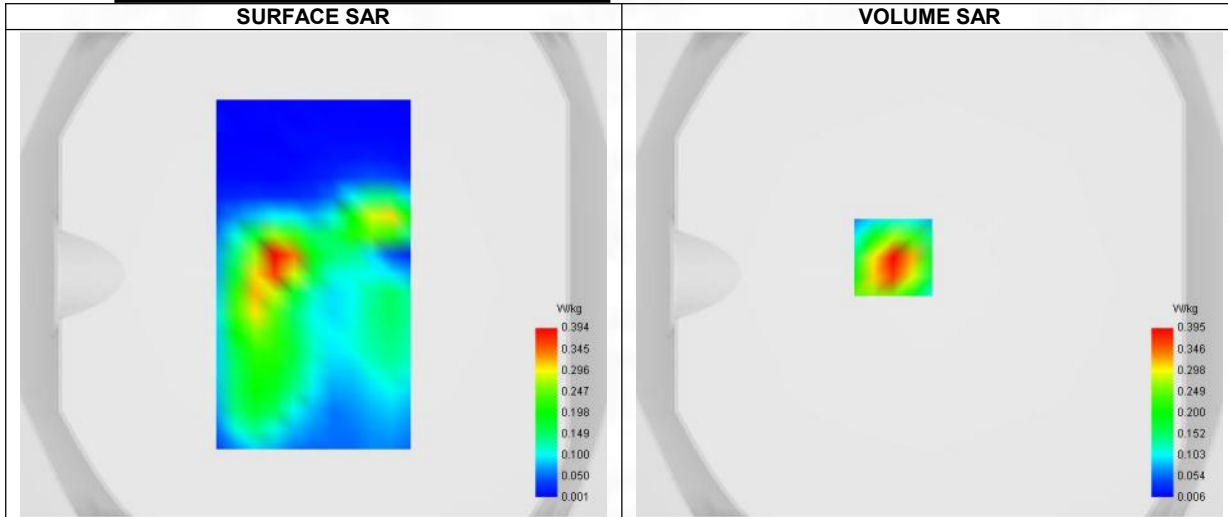
A. Experimental conditions.

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	LTE band 7
Channels/Frequency	Lower (20850)/ frequency 2510.000 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	2501.090
Relative permittivity (real part)	39.363
Relative permittivity (imaginary part)	13.007
Conductivity (S/m)	1.838

C. SAR Surface and Volume

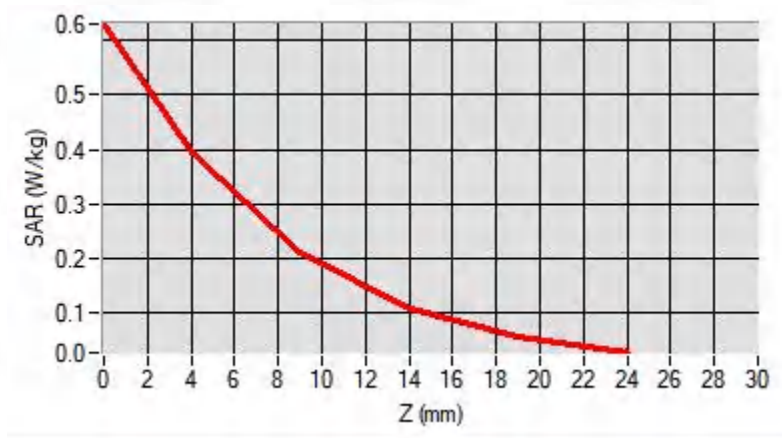


D. SAR 1g & 10g

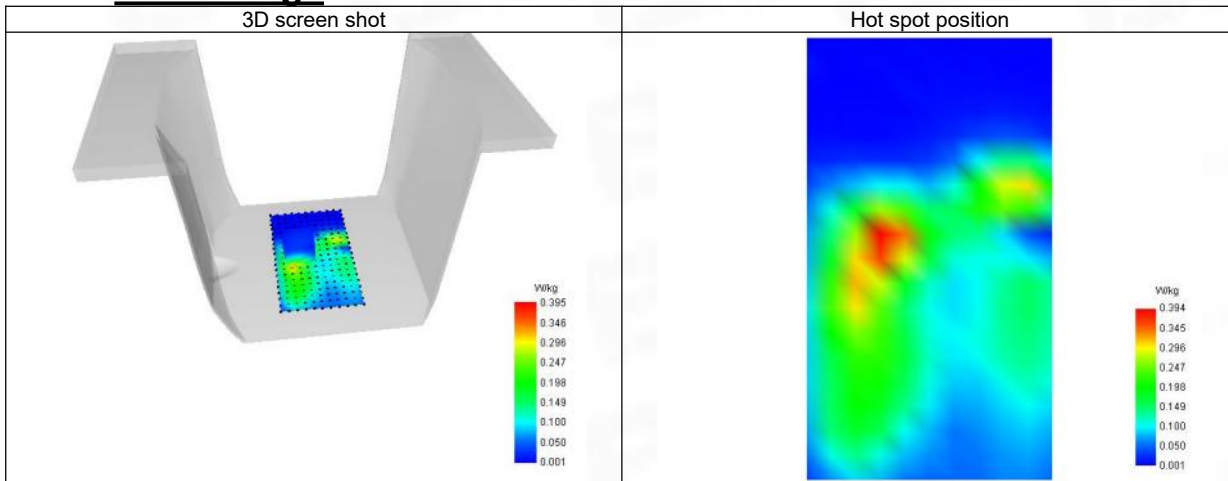
SAR 10g (W/Kg)	0.188
SAR 1g (W/Kg)	0.377
Variation (%)	-1.210
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.42%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.630	0.395	0.211	0.111	0.059



F. 3D Image



19-Head with front position in dist. 0mm on Channel 23060 in LTE band 12

SAR Measurement at LTE band 12 (Cheek, Right)

Date of measurement: 18/4/2025

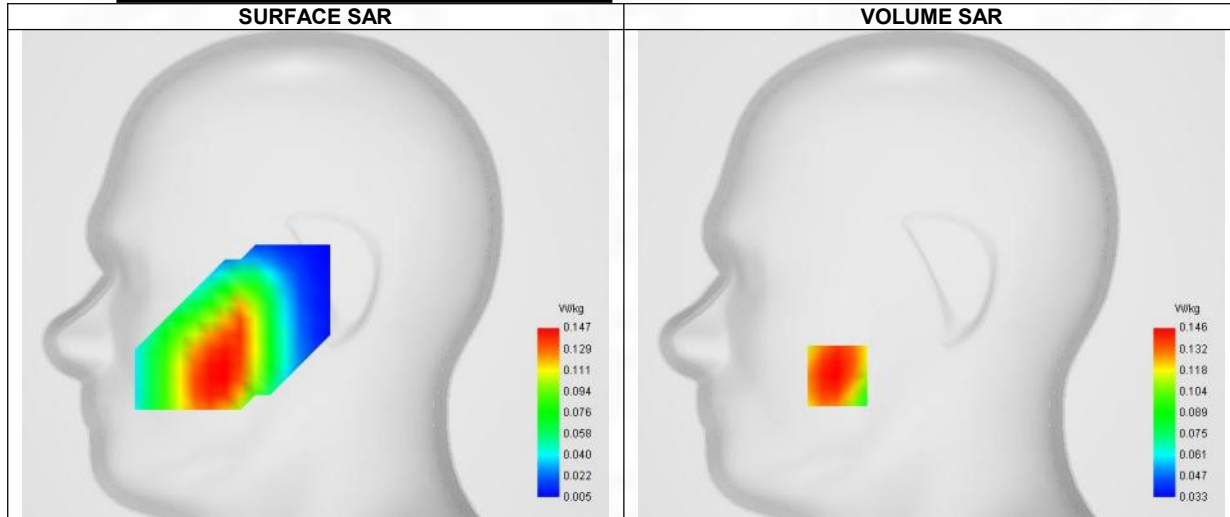
A. Experimental conditions.

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	Right head
Device Position	Cheek
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)	42.655
Relative permittivity (imaginary part)	21.801
Conductivity (S/m)	0.862

C. SAR Surface and Volume



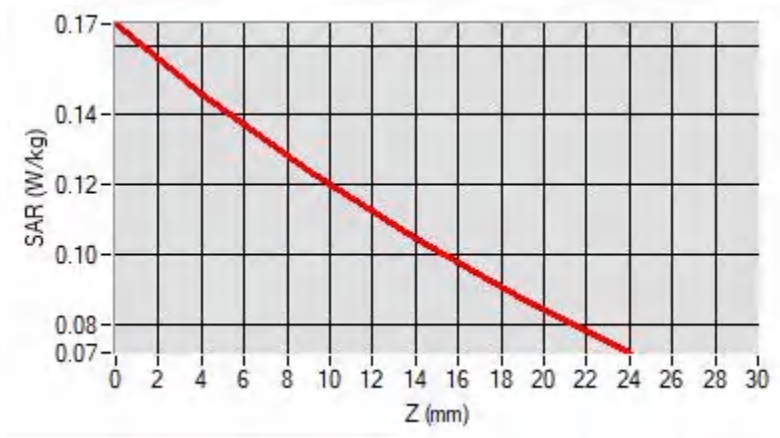
Maximum location: X=-50.00, Y=-54.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

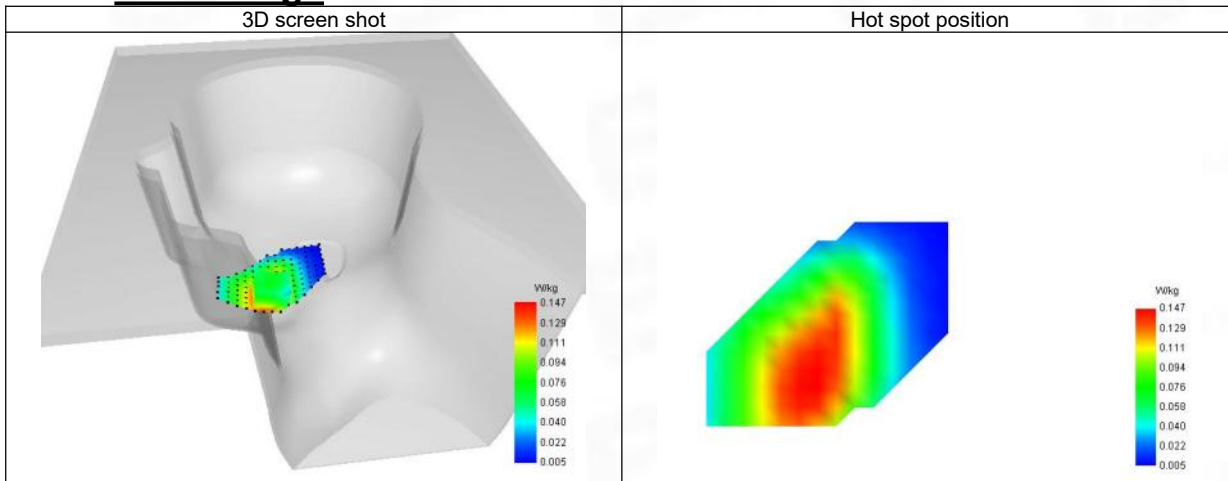
SAR 10g (W/Kg)	0.114
SAR 1g (W/Kg)	0.143
Variation (%)	0.210
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	84.93%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.166	0.146	0.124	0.104	0.087



F. 3D Image



20-Body with back position in dist. 10mm on Channel 23130 in LTE band 12

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

Date of measurement: 18/4/2025

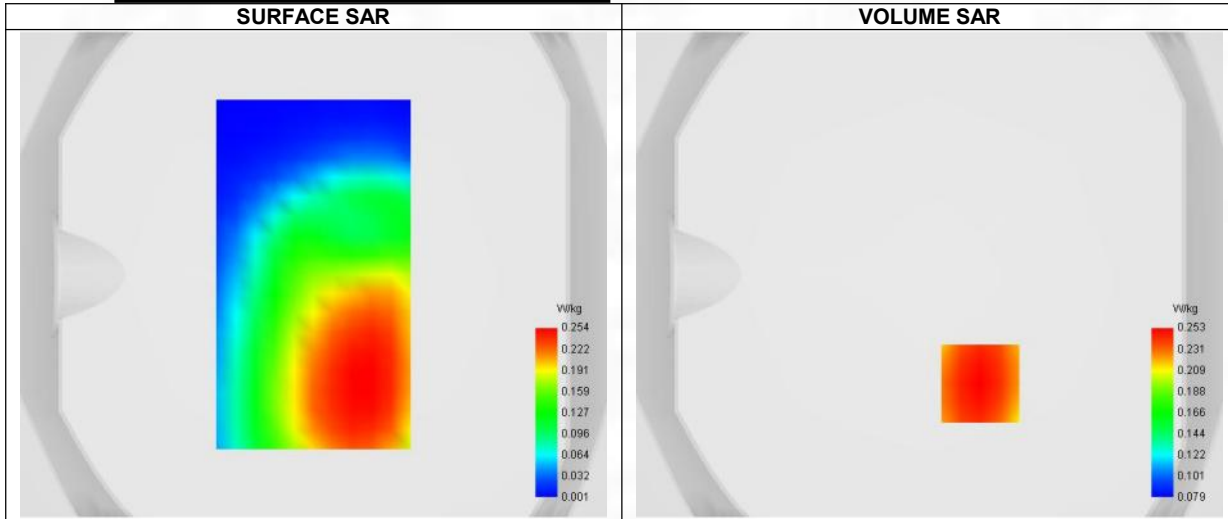
A. Experimental conditions.

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)	42.655
Relative permittivity (imaginary part)	21.801
Conductivity (S/m)	0.862

C. SAR Surface and Volume



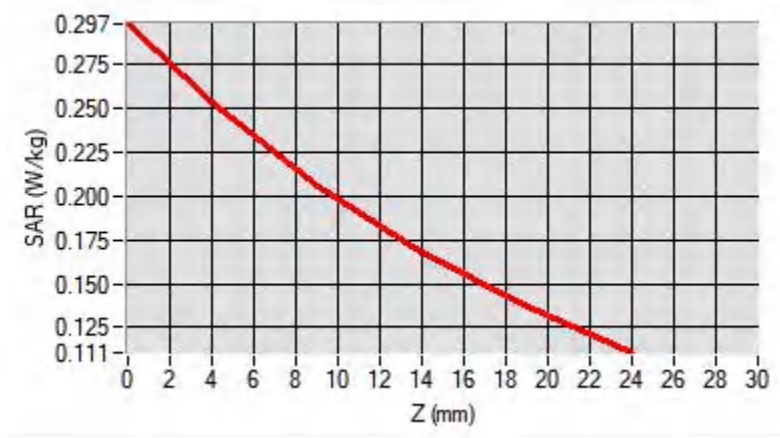
Maximum location: X=21.00, Y=-45.00 ; SAR Peak: 0.30 W/kg

D. SAR 1g & 10g

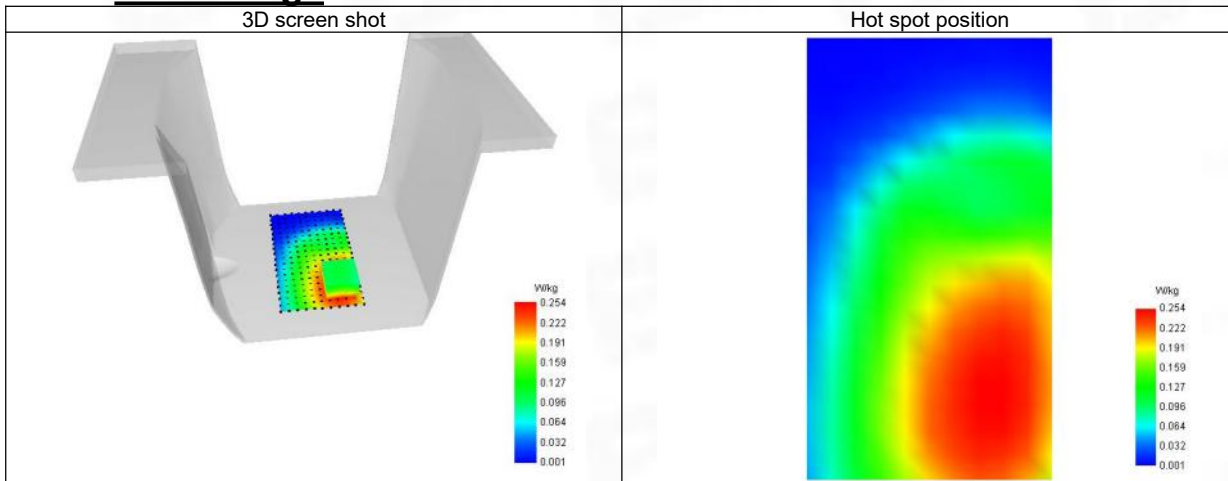
SAR 10g (W/Kg)	0.193
SAR 1g (W/Kg)	0.246
Variation (%)	-4.300
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	77.47%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.297	0.253	0.196	0.158	0.127



F. 3D Image



21-Head with front position in dist. 0mm on Channel 23780 in LTE band 17

SAR Measurement at LTE band 17 (Cheek, Right)

Date of measurement: 18/4/2025

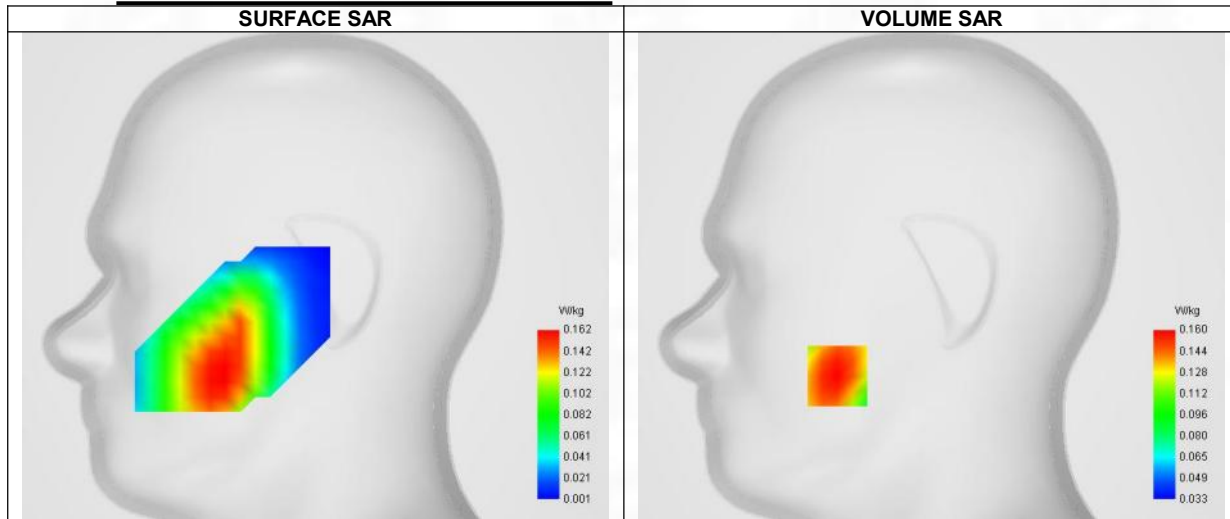
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	LTE band 17
Channels/Frequency	Lower (23780)/ frequency 709.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	25
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	709.090
Relative permittivity (real part)	42.613
Relative permittivity (imaginary part)	21.655
Conductivity (S/m)	0.866

C. SAR Surface and Volume



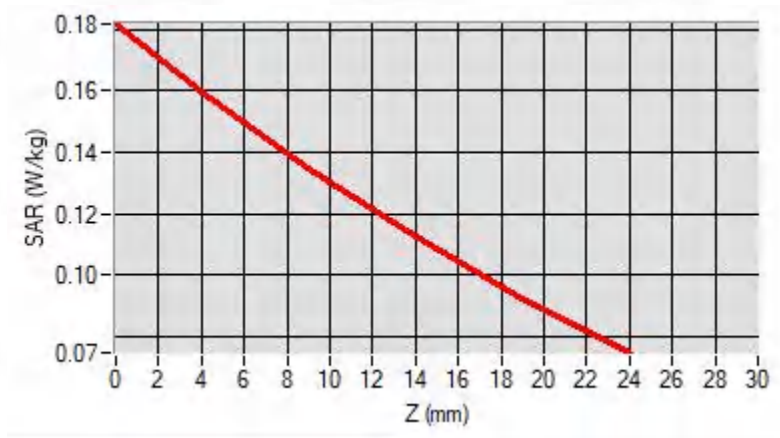
Maximum location: X=-50.00, Y=-53.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

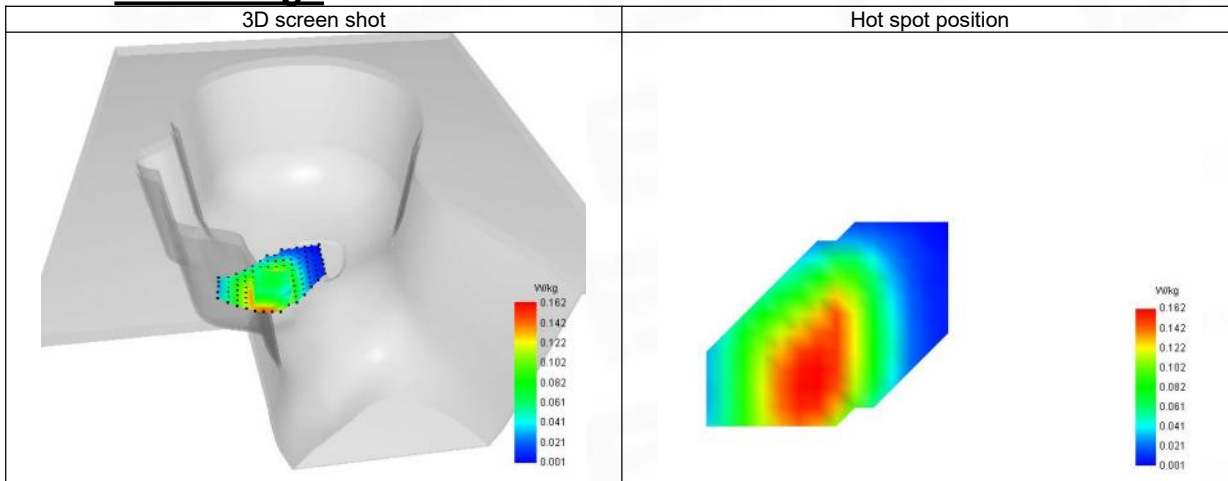
SAR 10g (W/Kg)	0.122
SAR 1g (W/Kg)	0.155
Variation (%)	-1.240
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	84.38%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.182	0.160	0.135	0.112	0.092



F. 3D Image



22-Body with back position in dist. 10mm on Channel 23780 in LTE band 17

SAR Measurement at LTE band 17 (Body, Validation Plane)

Date of measurement: 18/4/2025

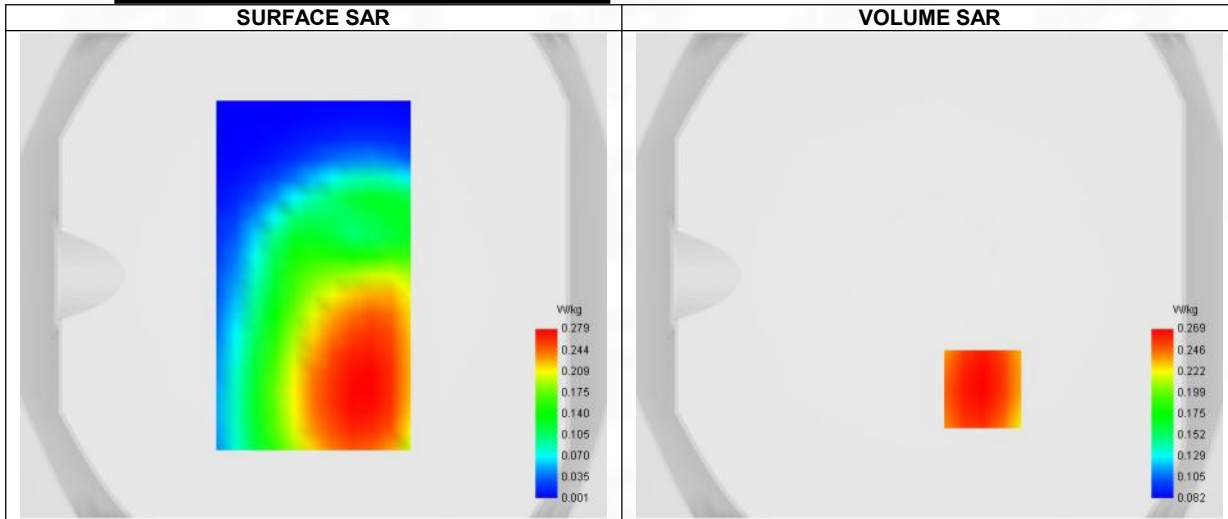
A. Experimental conditions.

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 17
Channels/Frequency	Lower (23780)/ frequency 709.000 Mhz
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	25
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	709.090
Relative permittivity (real part)	43.362
Relative permittivity (imaginary part)	22.780
Conductivity (S/m)	0.897

C. SAR Surface and Volume

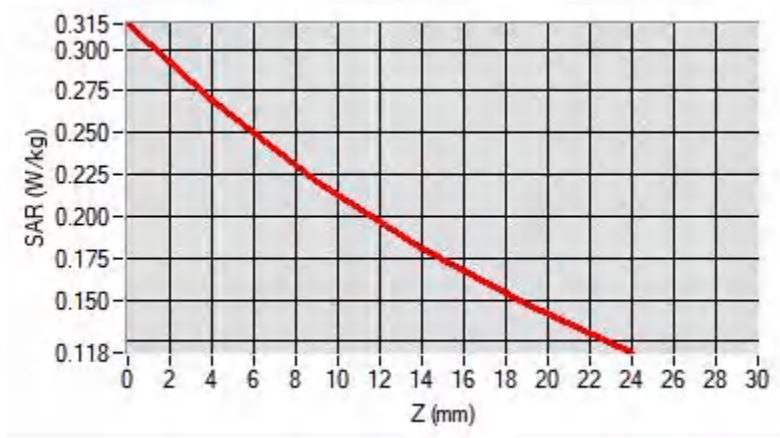


D. SAR 1g & 10g

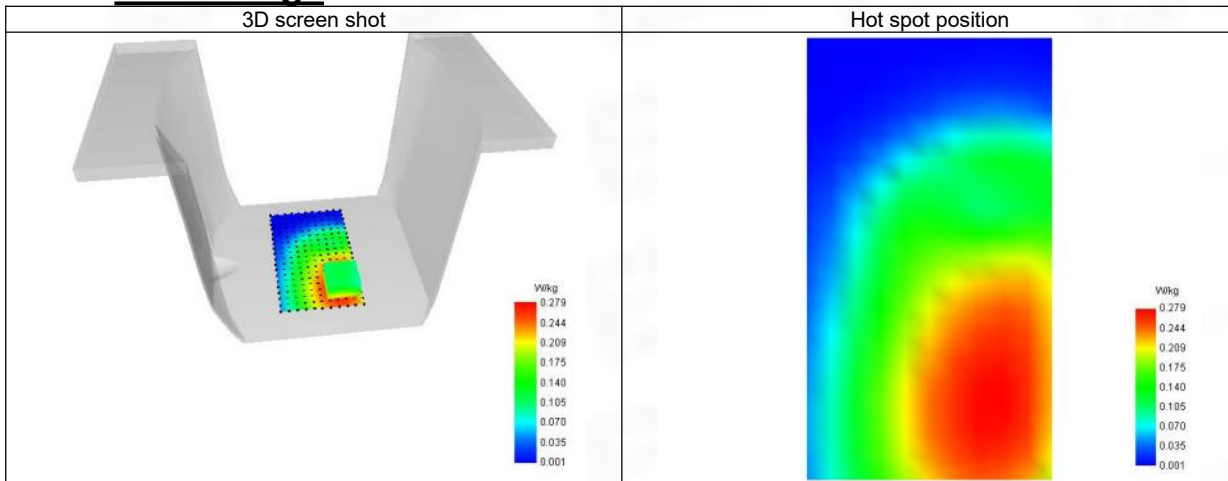
SAR 10g (W/Kg)	0.207
SAR 1g (W/Kg)	0.263
Variation (%)	-4.980
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	82.16%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.315	0.269	0.221	0.180	0.147



F. 3D Image



23-Head with front position in dist. 0mm on Channel 26365 in LTE band 25

SAR Measurement at LTE band 25 (Cheek, Right)

Date of measurement: 10/5/2025

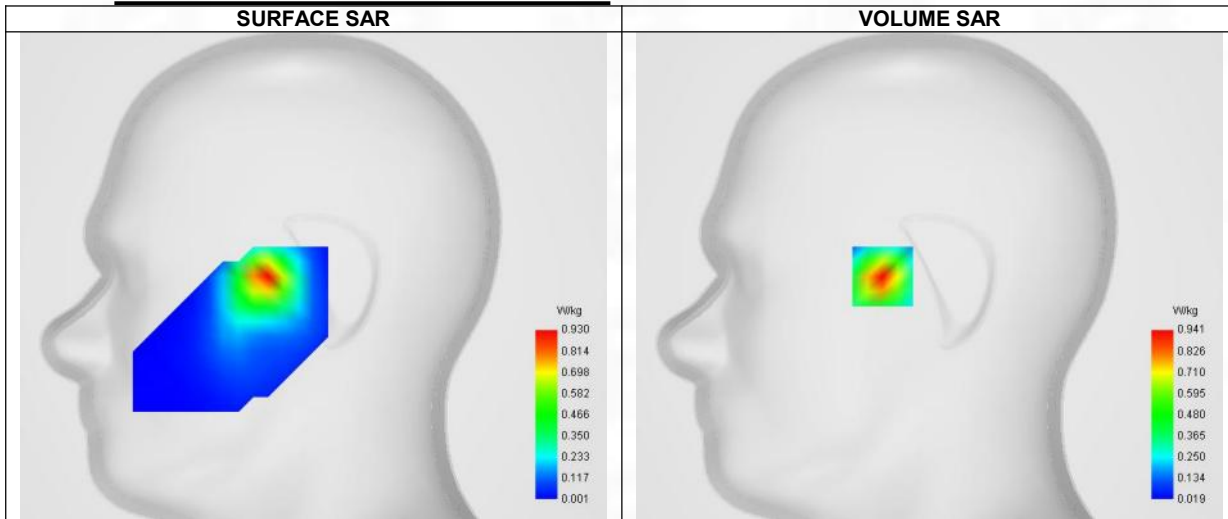
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	LTE band 25
Channels/Frequency	Middle (26365)/ frequency 1882.500 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1882.590
Relative permittivity (real part)	40.492
Relative permittivity (imaginary part)	13.499
Conductivity (S/m)	1.405

C. SAR Surface and Volume



Maximum location: X=-25.00, Y=0.00 ; SAR Peak: 1.45 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.447
SAR 1g (W/Kg)	0.887
Variation (%)	-0.410
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.54%

E. Z Axis Scan

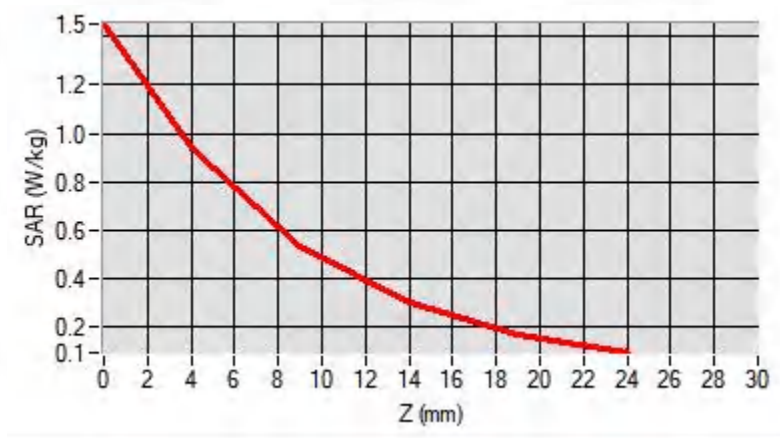
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.452	0.941	0.532	0.299	0.171

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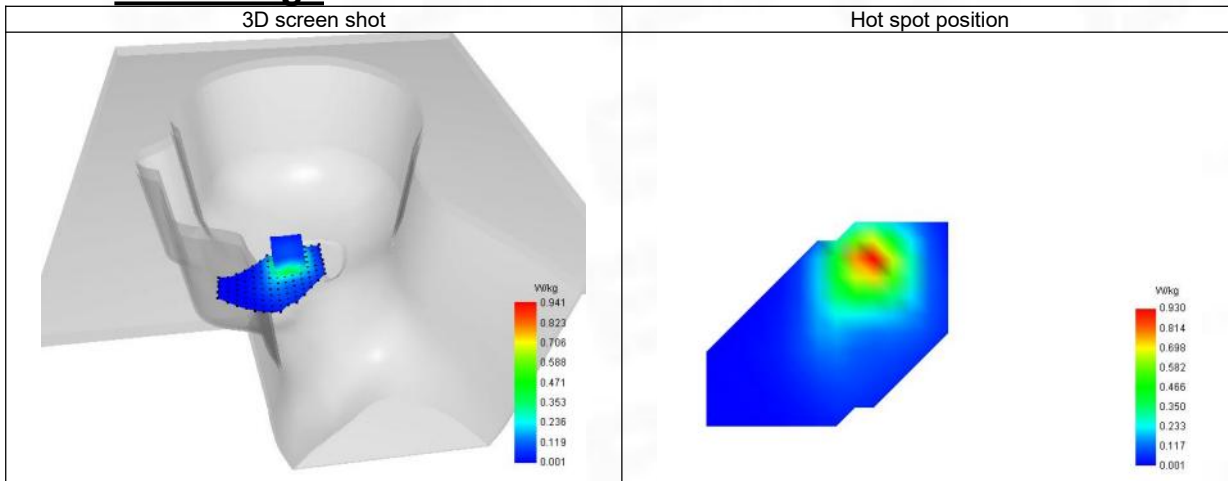
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BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China



F. 3D Image



24-Body with back position in dist. 10mm on Channel 26365 in LTE band 25

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

Date of measurement: 10/5/2025

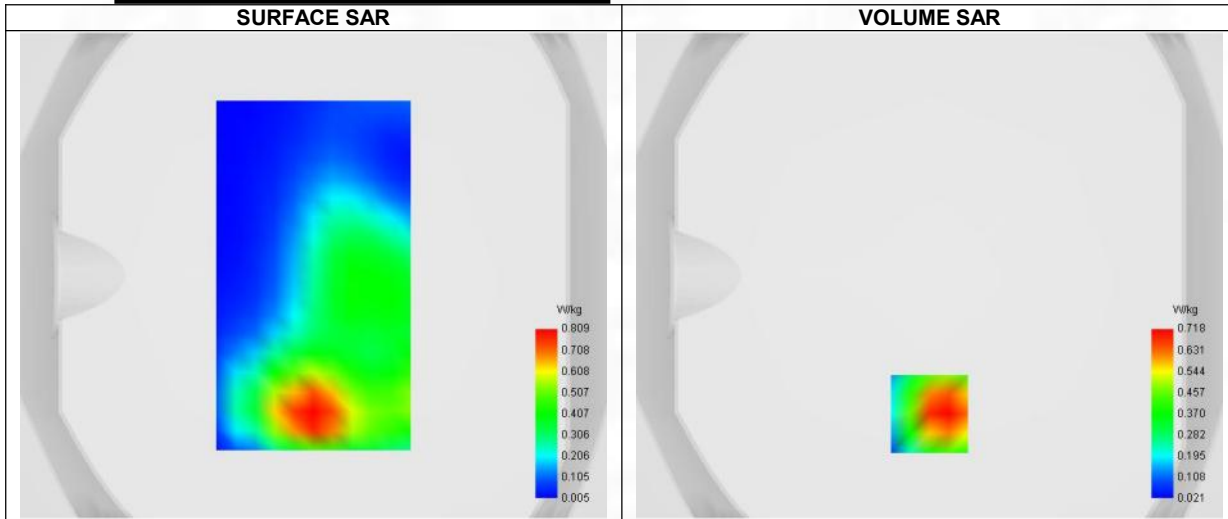
A. Experimental conditions.

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	Middle (26365)/ frequency 1882.500 Mhz
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	50
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1882.590
Relative permittivity (real part)	40.492
Relative permittivity (imaginary part)	13.499
Conductivity (S/m)	1.405

C. SAR Surface and Volume

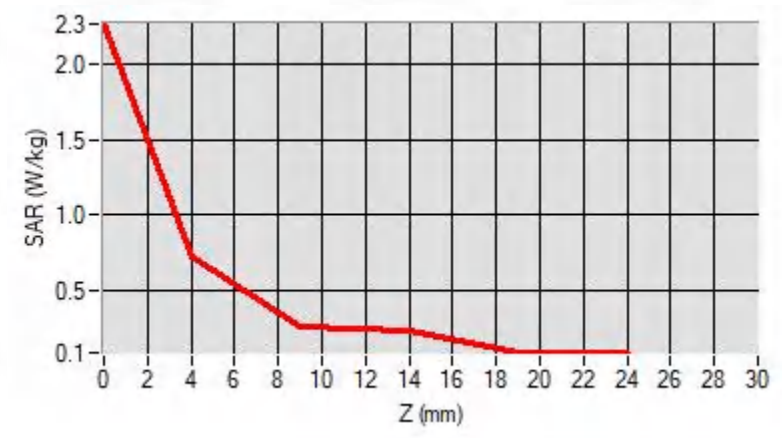


D. SAR 1g & 10g

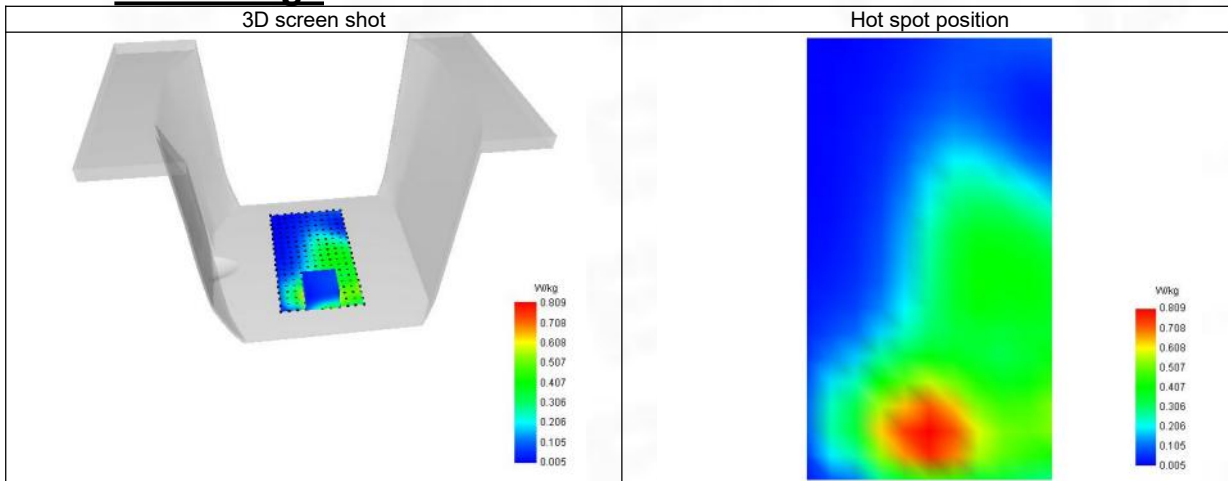
SAR 10g (W/Kg)	0.359
SAR 1g (W/Kg)	0.702
Variation (%)	-1.590
Horizontal validation criteria: minimum distance (mm)	17.889
Vertical validation criteria: SAR ratio M2/M1 (%)	35.10%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.267	0.718	0.252	0.221	0.085



F. 3D Image



25-Head with front position in dist. 0mm on Channel 41490 in LTE band 41

SAR Measurement at LTE band 41 (Cheek, Right)

Date of measurement: 13/5/2025

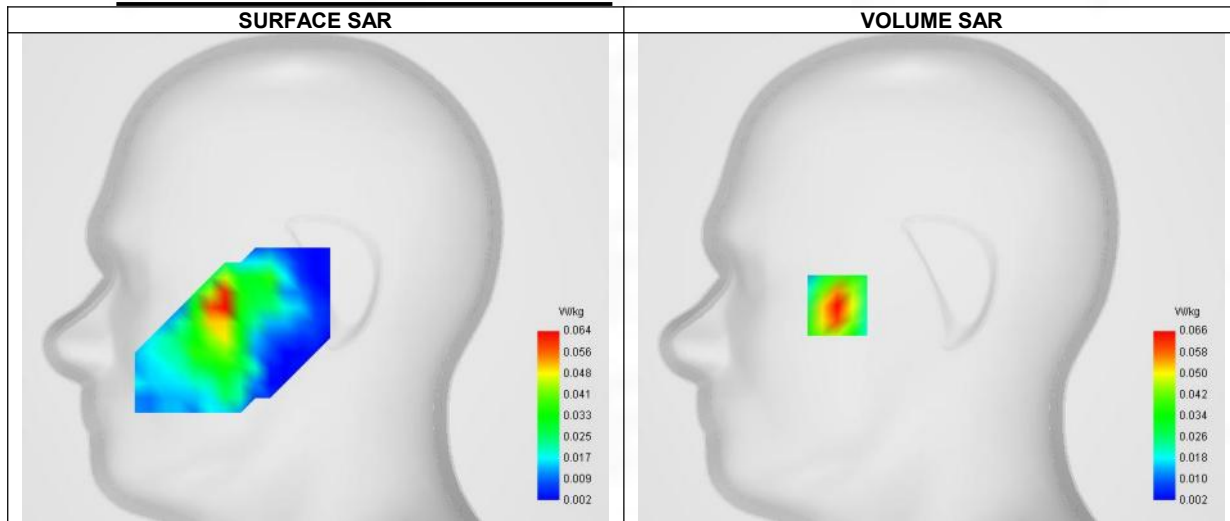
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	LTE band 41
Channels/Frequency	Higher (41490)/ frequency 2680.000 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)	2680.090
Relative permittivity (real part)	38.967
Relative permittivity (imaginary part)	12.853
Conductivity (S/m)	2.015

C. SAR Surface and Volume



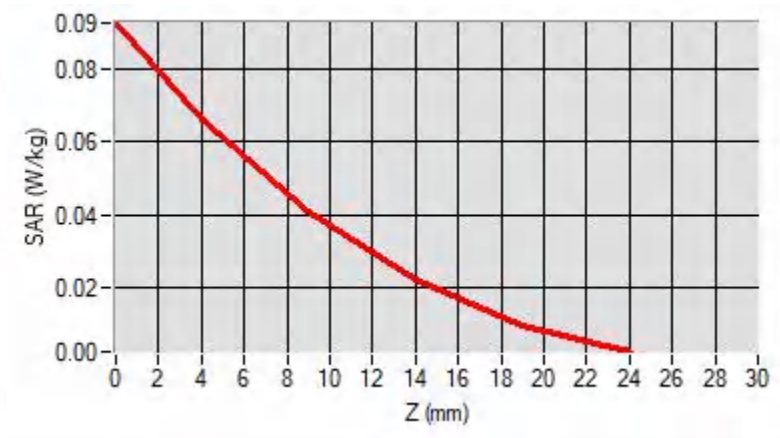
Maximum location: X=-50.00, Y=-15.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

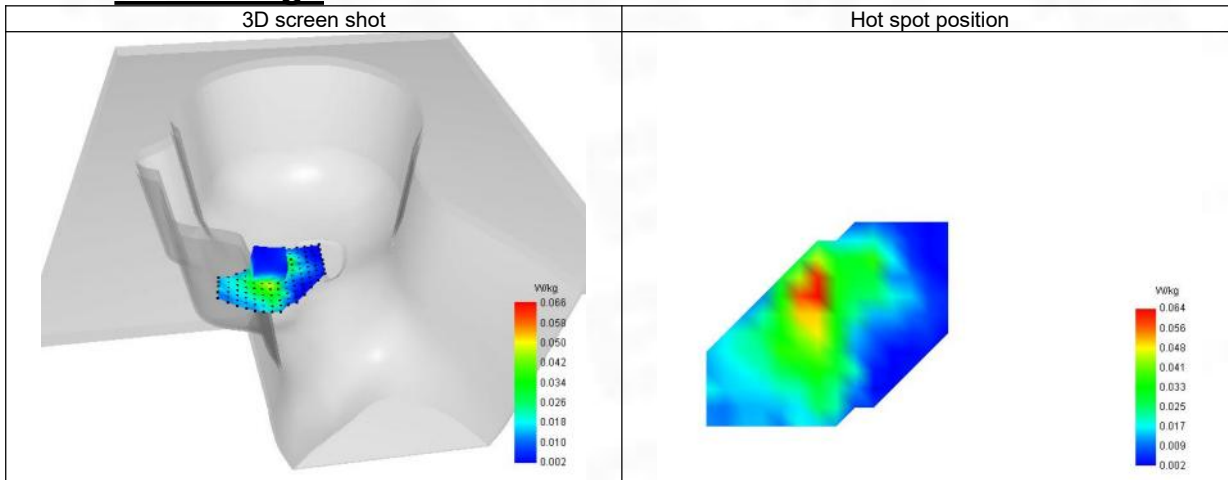
SAR 10g (W/Kg)	0.033
SAR 1g (W/Kg)	0.061
Variation (%)	2.440
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	62.12%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.093	0.066	0.041	0.022	0.010



F. 3D Image



26-Body with back position in dist. 10mm on Channel 39750 in LTE band 41

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

Date of measurement: 13/5/2024

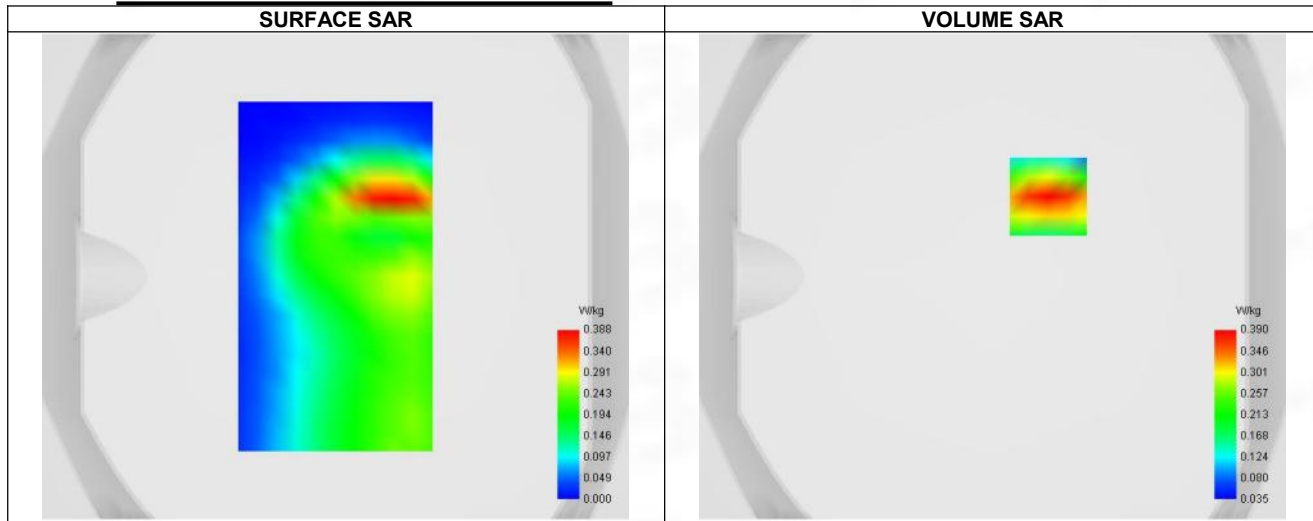
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.27
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	Higher (41490)/ frequency 2680.000 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

Frequency (MHz)	2680.090
Relative permittivity (real part)	38.967
Relative permittivity (imaginary part)	12.853
Conductivity (S/m)	2.015

C. SAR Surface and Volume



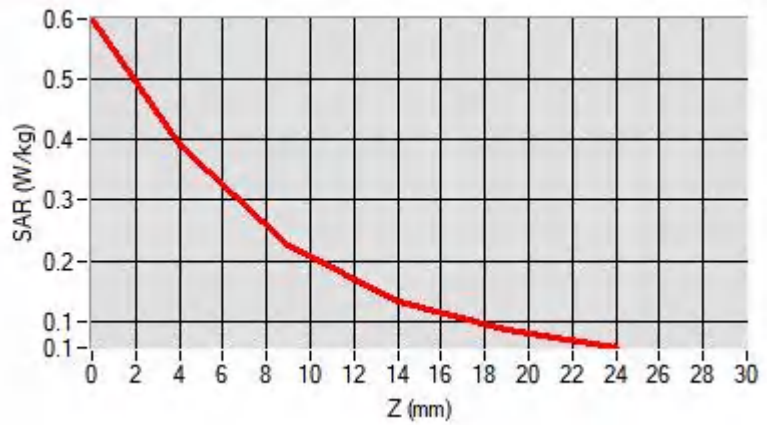
Maximum location: X=23.00, Y=33.00 ; SAR Peak: 0.60 W/kg

D. SAR 1g & 10g

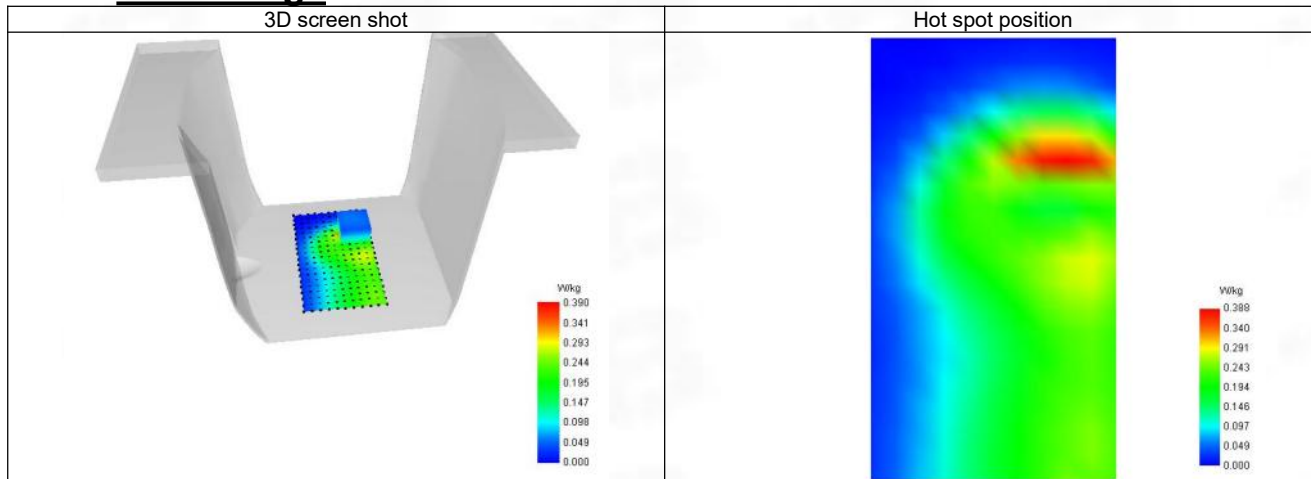
SAR 10g (W/Kg)	0.208
SAR 1g (W/Kg)	0.362
Variation (%)	-2.110
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.69%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.600	0.390	0.225	0.134	0.086



F. 3D Image



27-Head with back position in dist. 0mm on Channel 132572 in LTE band 66

SAR Measurement at LTE band 66 (Cheek, Right)

Date of measurement: 27/4/2025

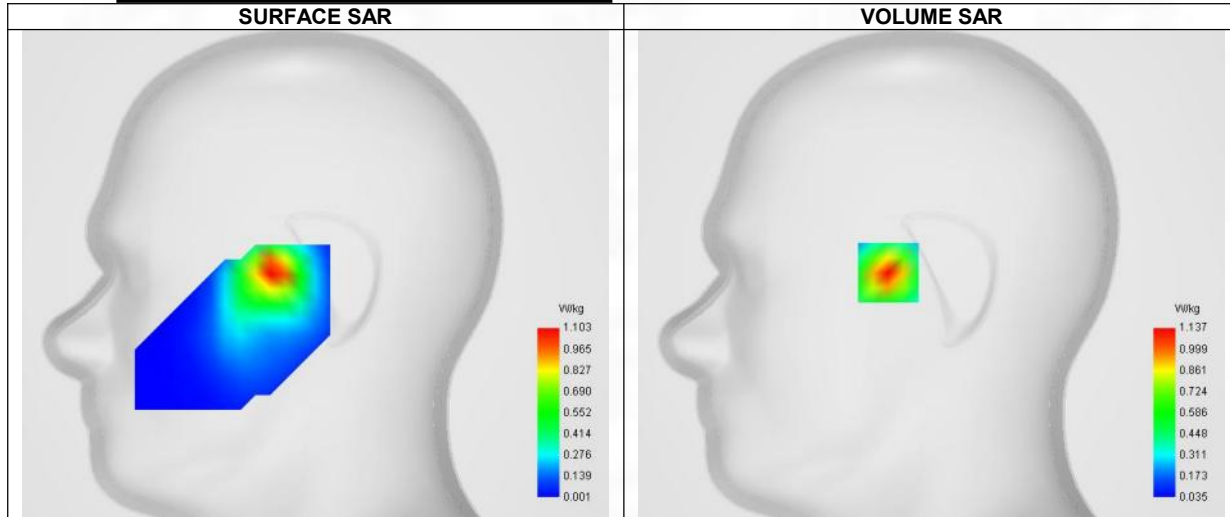
A. Experimental conditions.

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	Right head
Device Position	Cheek
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)	40.732
Relative permittivity (imaginary part)	14.451
Conductivity (S/m)	1.365

C. SAR Surface and Volume



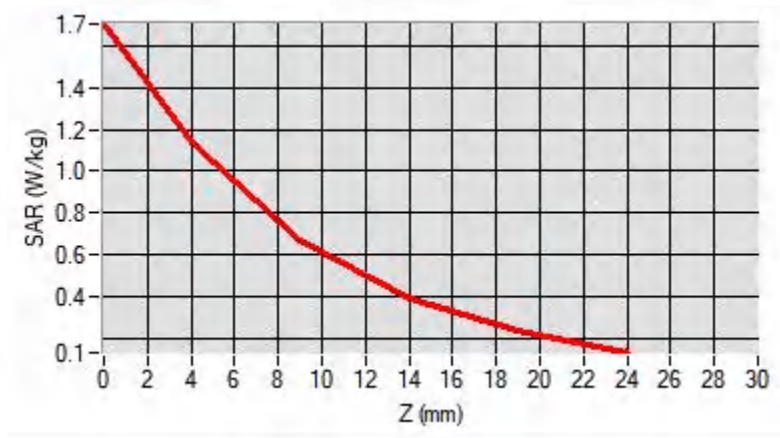
Maximum location: X=-23.00, Y=1.00 ; SAR Peak: 1.70 W/kg

D. SAR 1g & 10g

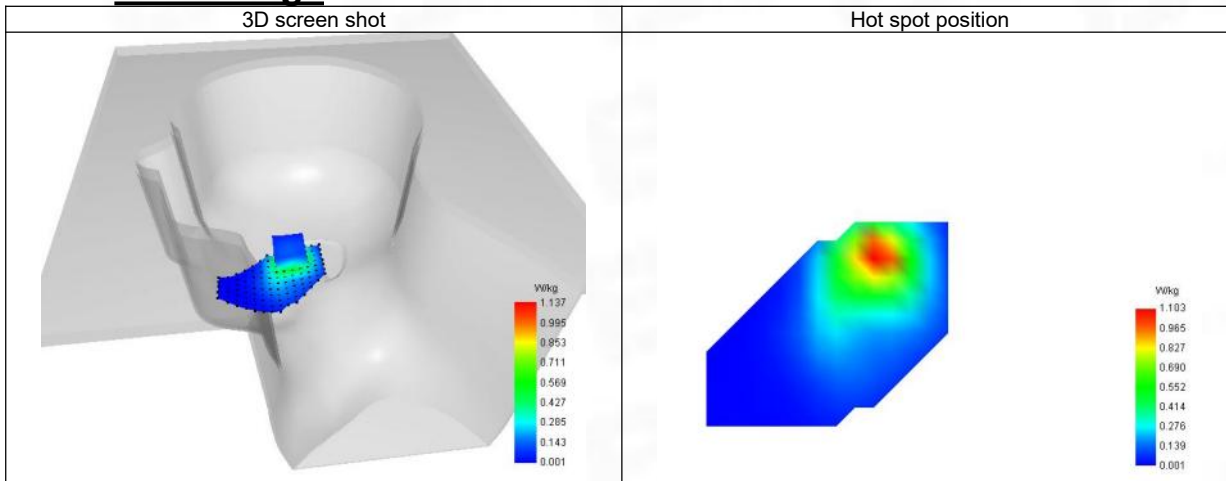
SAR 10g (W/Kg)	0.558
SAR 1g (W/Kg)	1.046
Variation (%)	-0.500
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.75%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.706	1.137	0.668	0.390	0.230



F. 3D Image



28-Body with back position in dist. 10mm on Channel 132572 in LTE band 66

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

Date of measurement: 27/4/2025

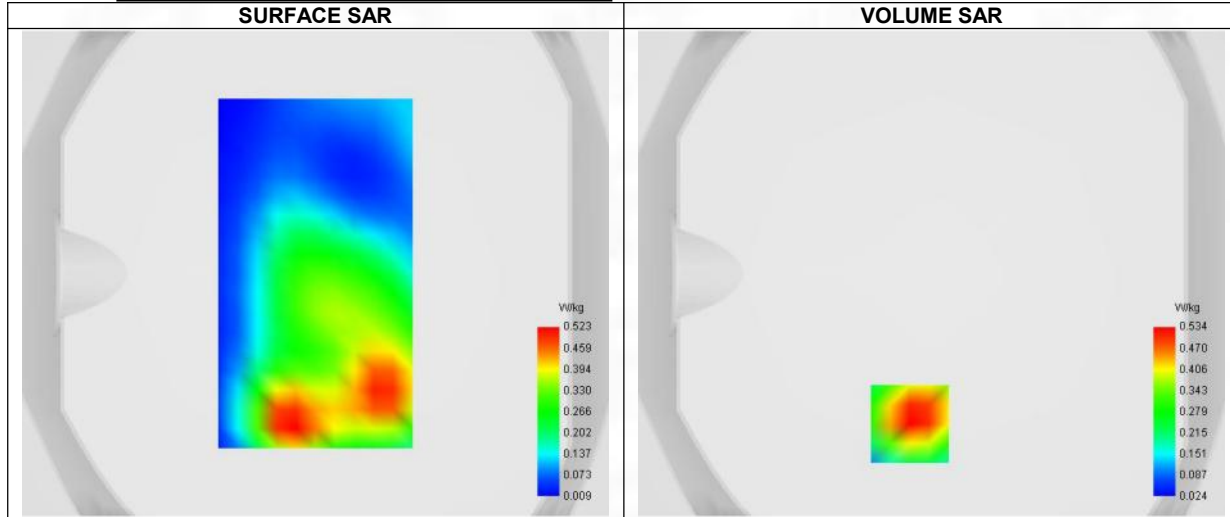
A. Experimental conditions.

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)	40.732
Relative permittivity (imaginary part)	14.451
Conductivity (S/m)	1.365

C. SAR Surface and Volume

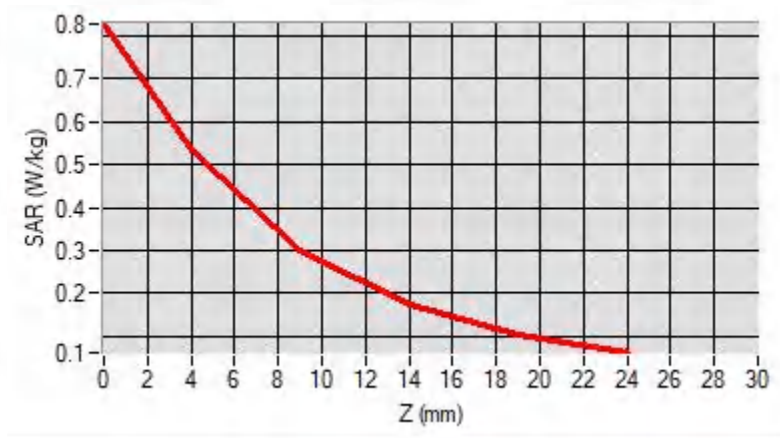


D. SAR 1g & 10g

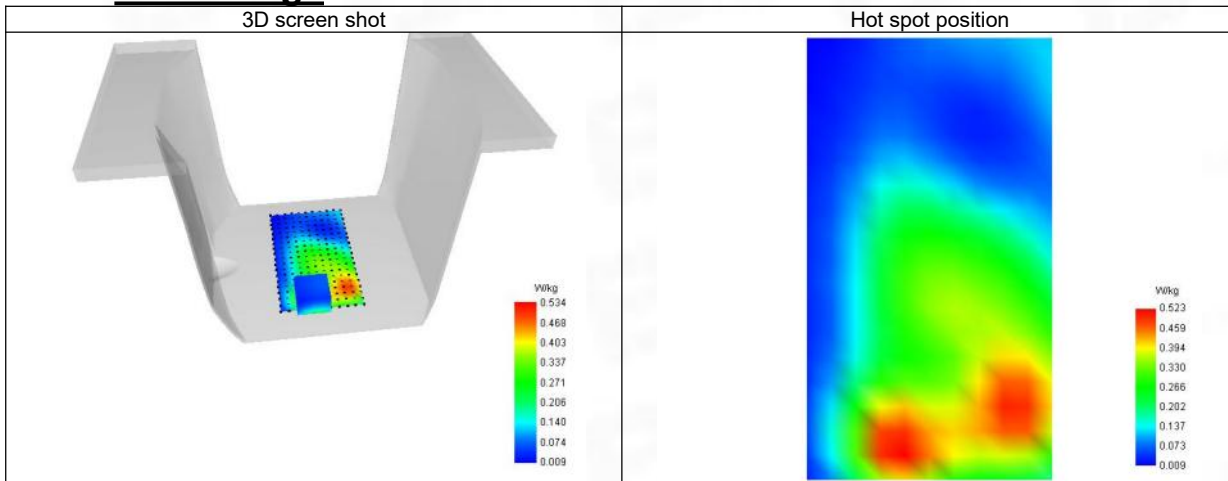
SAR 10g (W/Kg)	0.282
SAR 1g (W/Kg)	0.513
Variation (%)	-0.790
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.55%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.827	0.534	0.302	0.173	0.103



F. 3D Image



29-Head with front position in dist. 0mm on Channel 133322 in LTE band 71

SAR Measurement at LTE band 71 (Cheek, Right)

Date of measurement: 18/4/2025

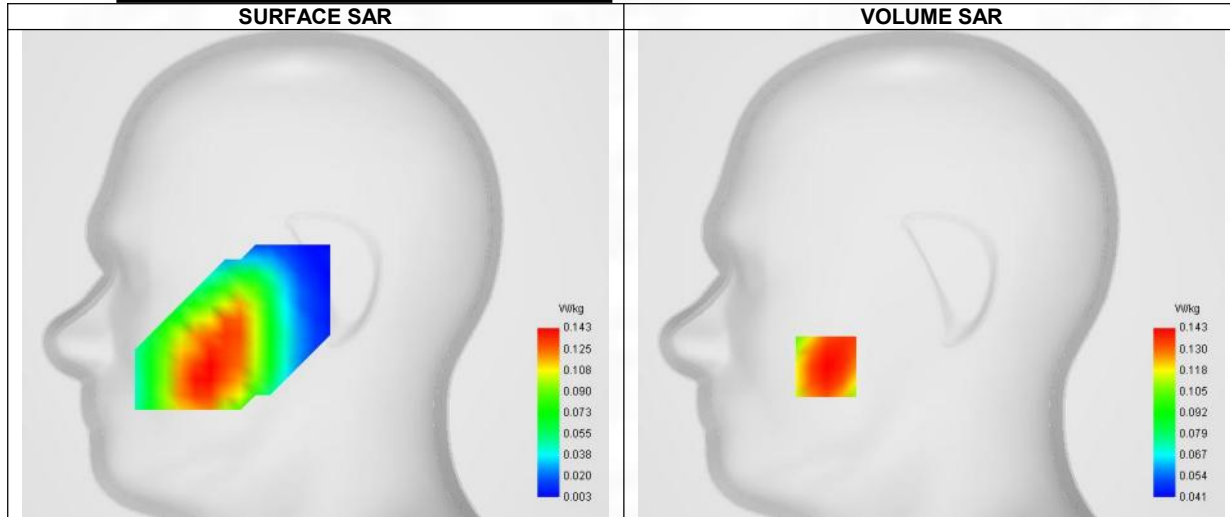
A. Experimental conditions.

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	Right head
Device Position	Cheek
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)	42.729
Relative permittivity (imaginary part)	22.055
Conductivity (S/m)	0.856

C. SAR Surface and Volume



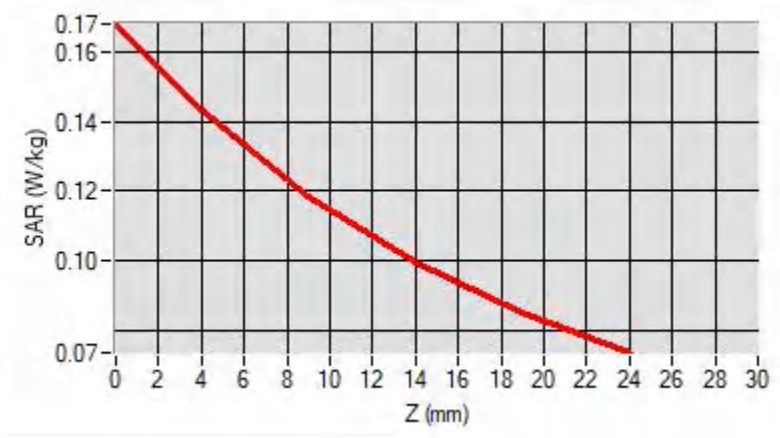
Maximum location: X=-56.00, Y=-49.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

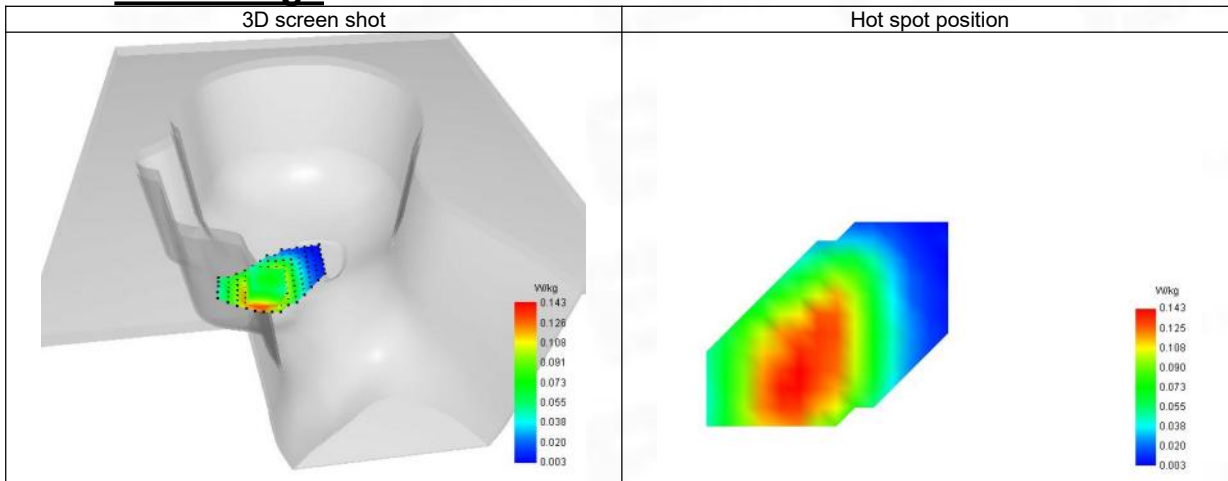
SAR 10g (W/Kg)	0.110
SAR 1g (W/Kg)	0.139
Variation (%)	-3.480
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	82.52%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.168	0.143	0.118	0.099	0.085



F. 3D Image



30-Body with back position in dist. 10mm on Channel 133322 in LTE band 71

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

Date of measurement: 18/4/2025

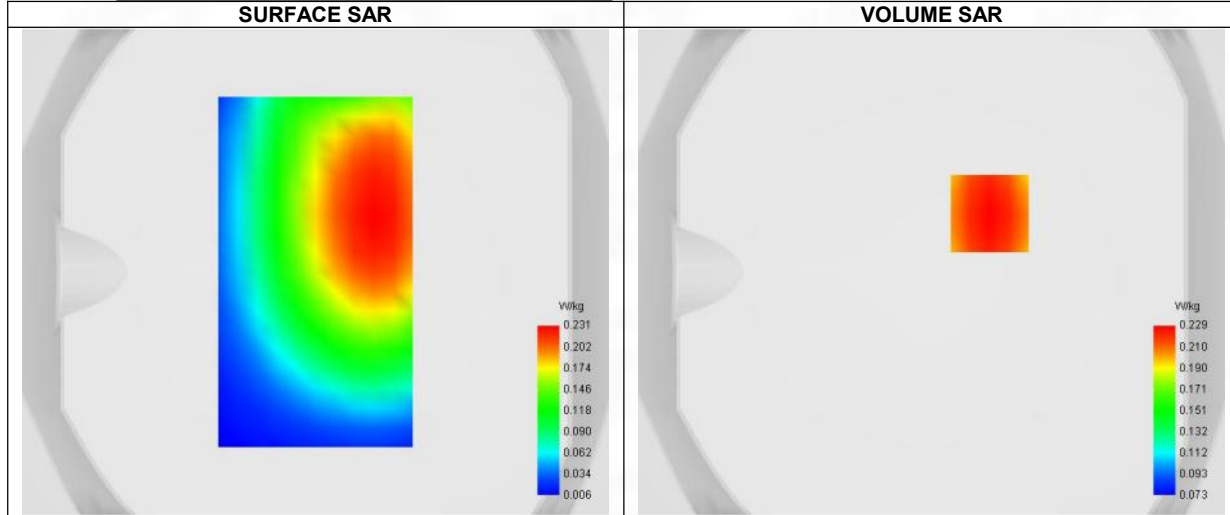
A. Experimental conditions.

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)	42.729
Relative permittivity (imaginary part)	22.055
Conductivity (S/m)	0.856

C. SAR Surface and Volume



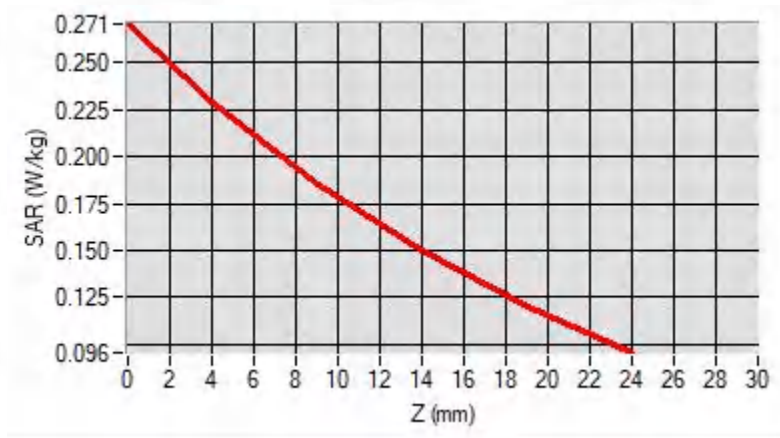
Maximum location: X=24.00, Y=24.00 ; SAR Peak: 0.27 W/kg

D. SAR 1g & 10g

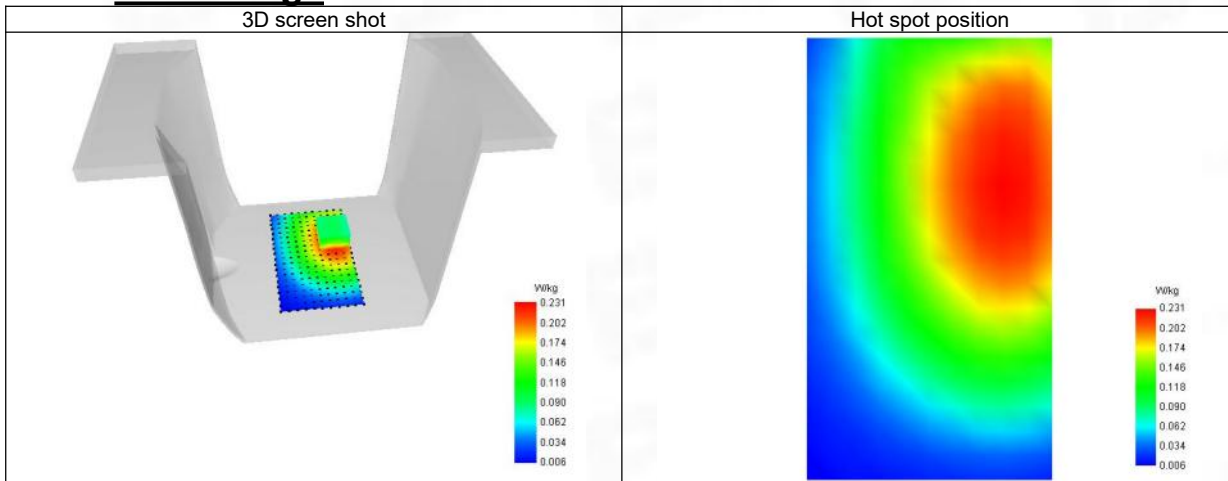
SAR 10g (W/Kg)	0.173
SAR 1g (W/Kg)	0.223
Variation (%)	-2.060
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	81.22%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.271	0.229	0.186	0.150	0.121



F. 3D Image



31-Head with front position in dist. 0mm on Channel 378000 in NR band 2

SAR Measurement at NR band 2 (Cheek, Right)

Date of measurement: 10/5/2025

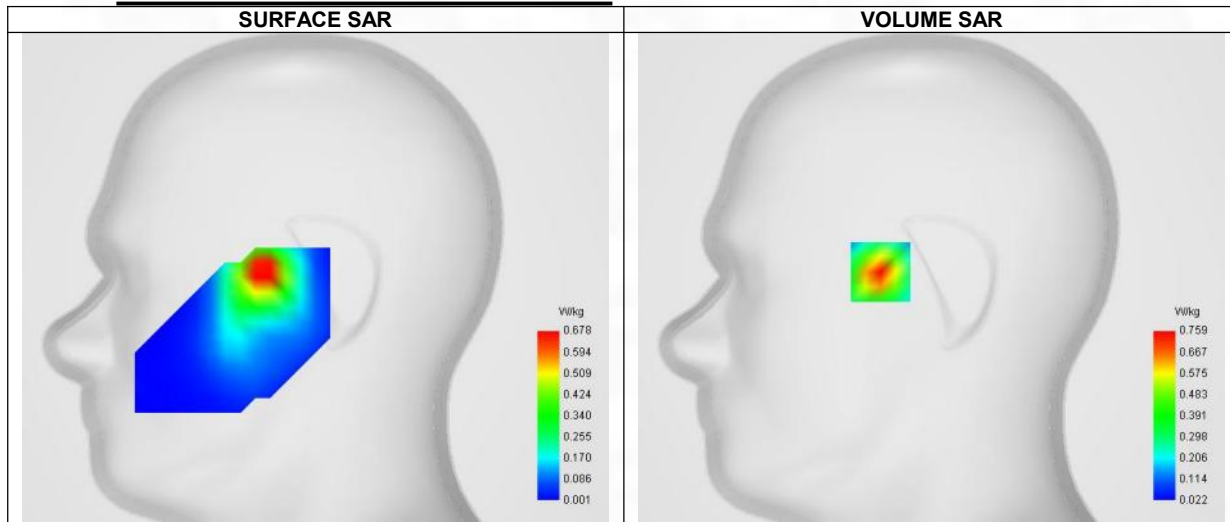
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	NR band 2
Channels/Frequency	Higher (378000)/ frequency 1890.000 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1896.220
Relative permittivity (real part)	40.459
Relative permittivity (imaginary part)	13.370
Conductivity (S/m)	1.409

C. SAR Surface and Volume



Maximum location: X=-27.00, Y=3.00 ; SAR Peak: 1.15 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.368
SAR 1g (W/Kg)	0.701
Variation (%)	3.610
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.97%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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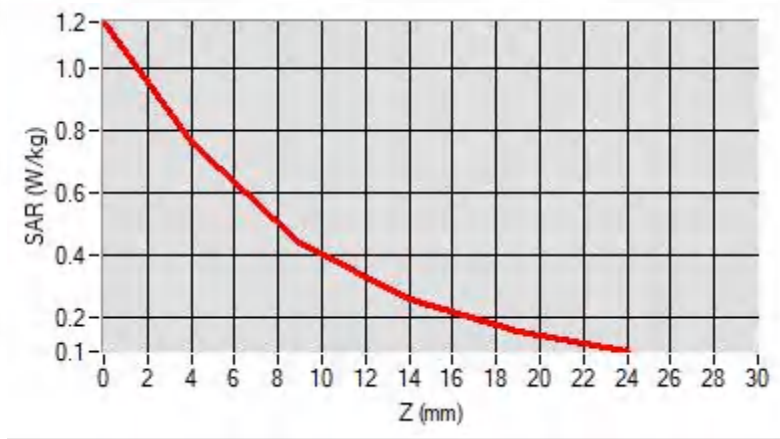
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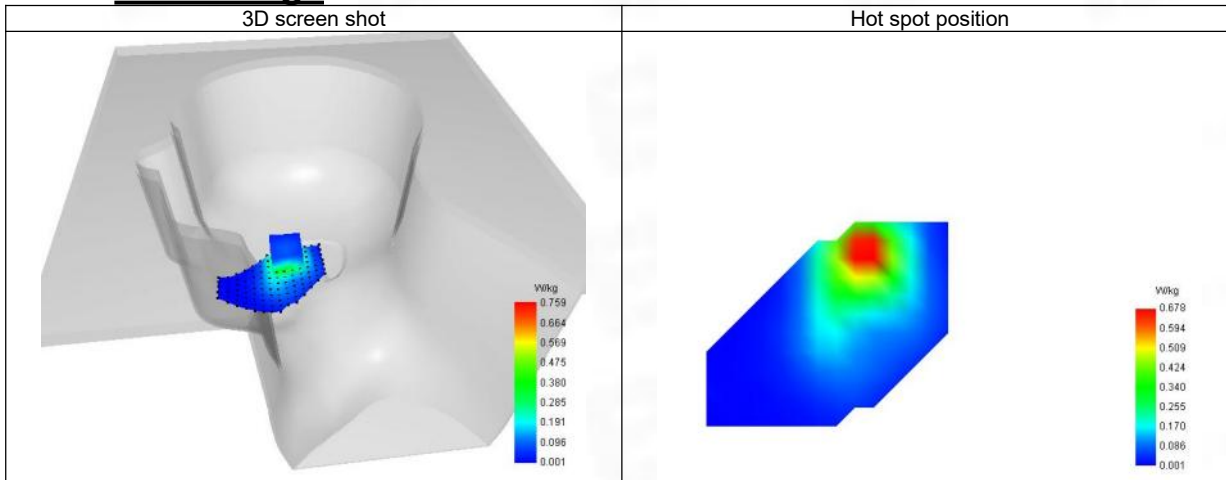
BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China

SAR (W/Kg)	1.152	0.759	0.440	0.255	0.151
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F. 3D Image



32-Body with back position in dist. 10mm on Channel 378000 in NR band 2

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

Date of measurement: 10/5/2025

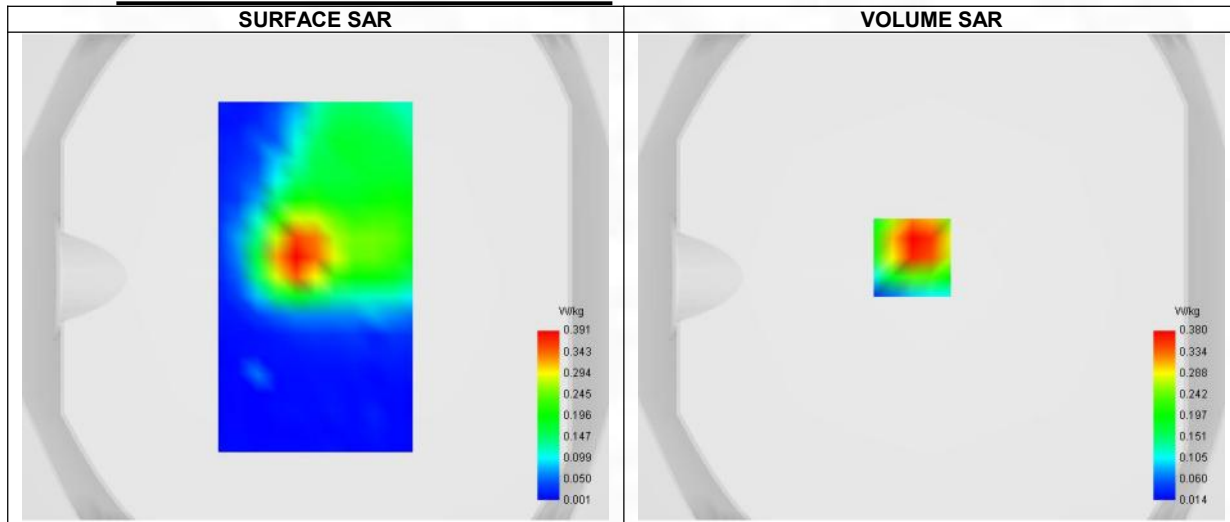
A. Experimental conditions.

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	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1896.220
Relative permittivity (real part)	40.459
Relative permittivity (imaginary part)	13.370
Conductivity (S/m)	1.409

C. SAR Surface and Volume



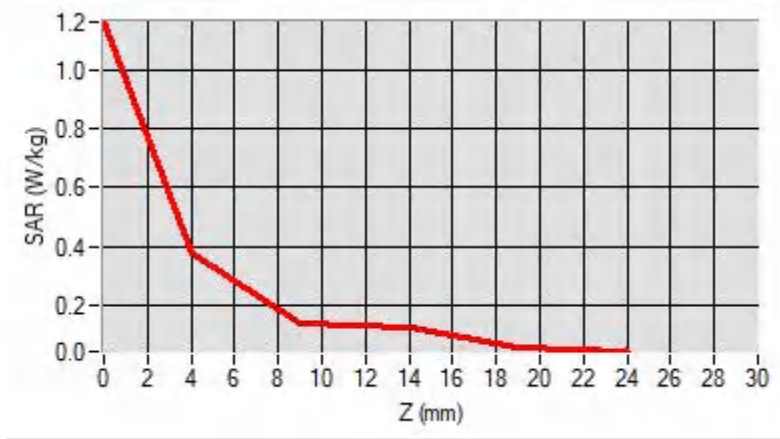
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.199
SAR 1g (W/Kg)	0.364
Variation (%)	3.490
Horizontal validation criteria: minimum distance (mm)	17.889
Vertical validation criteria: SAR ratio M2/M1 (%)	36.58%

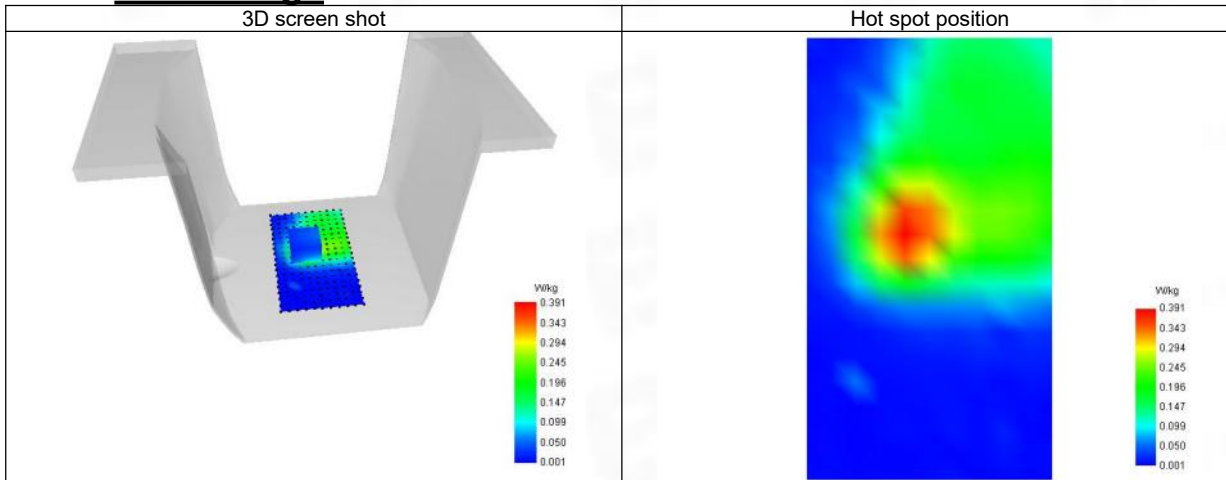
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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SAR (W/Kg)	1.163	0.380	0.139	0.123	0.054
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F. 3D Image



33-Head with front position in dist. 0mm on Channel 166800 in NR band 5

SAR Measurement at NR band 5 (Cheek, Right)

Date of measurement: 23/4/2025

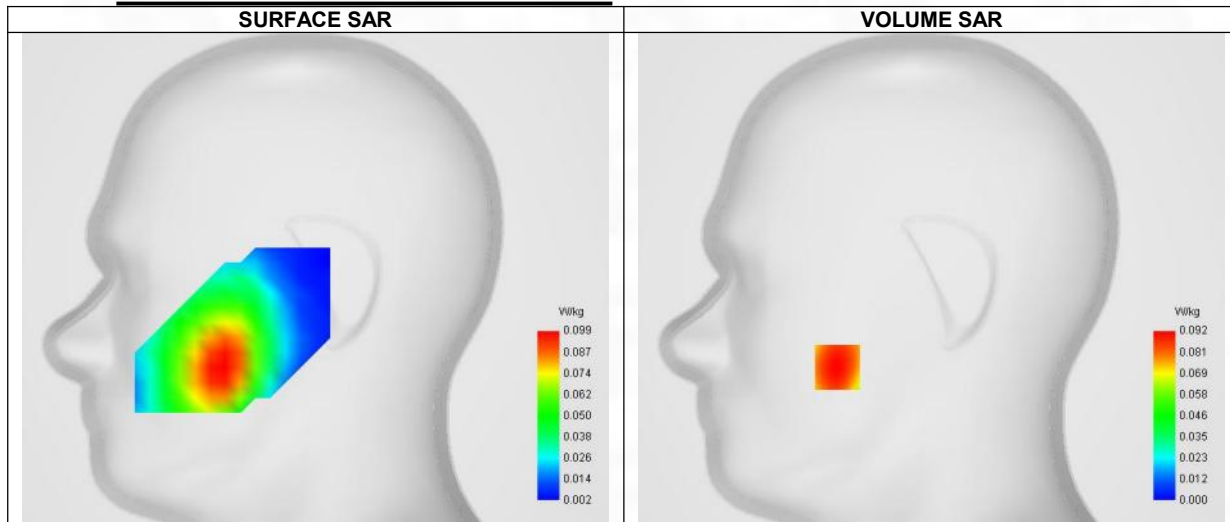
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	NR band 5
Channels/Frequency	Lower (166800)/ frequency 834.000 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	825.000
Relative permittivity (real part)	42.095
Relative permittivity (imaginary part)	19.870
Conductivity (S/m)	0.906

C. SAR Surface and Volume



Maximum location: X=-50.00, Y=-48.00 ; SAR Peak: 0.27 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.057
SAR 1g (W/Kg)	0.090
Variation (%)	-3.240
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	74.74%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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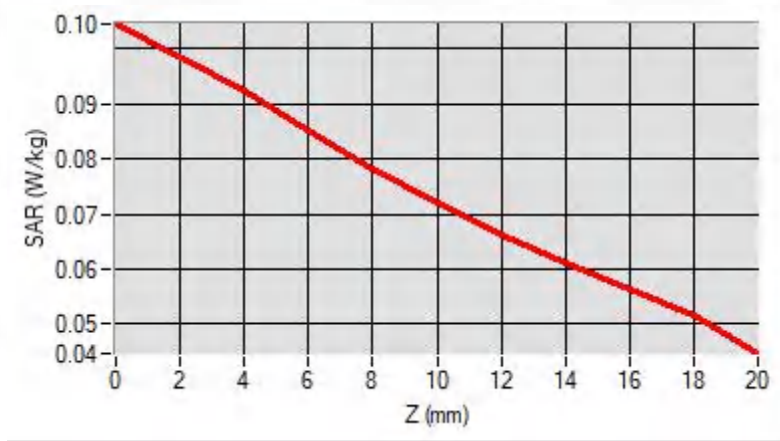
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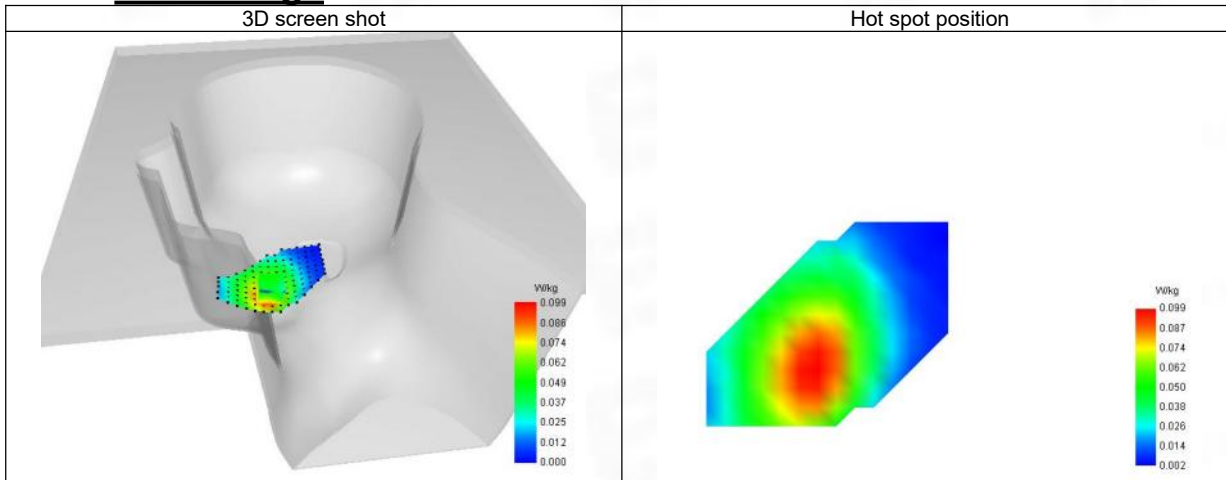
BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China

SAR (W/Kg)	0.105	0.095	0.071	0.060	0.041
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F. 3D Image



34-Body with back position in dist. 10mm on Channel 166800 in NR band 5

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

Date of measurement: 23/4/2025

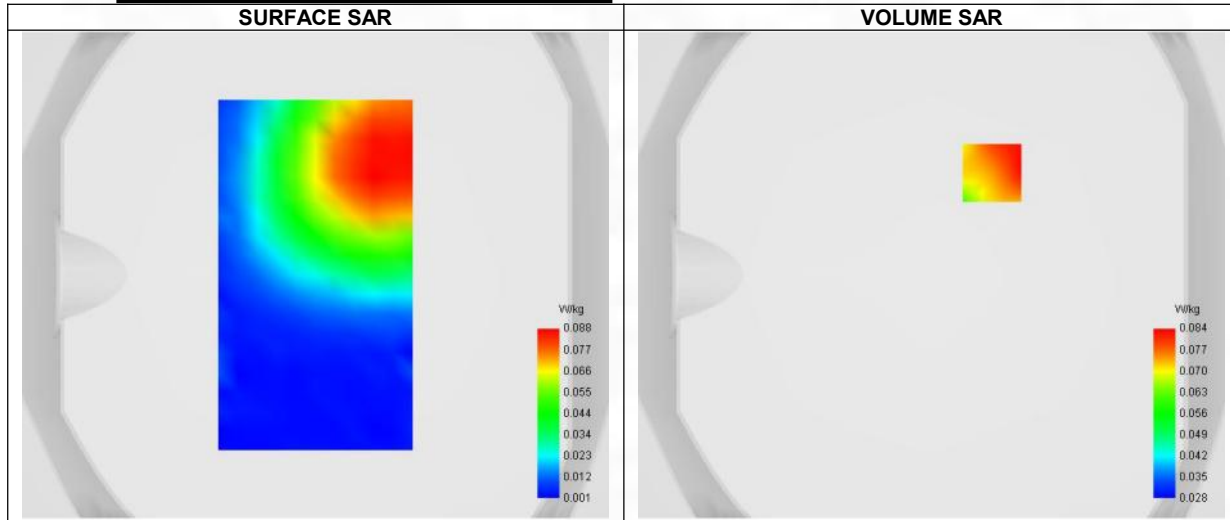
A. Experimental conditions.

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	Lower (166800)/ frequency 834.000 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	825.000
Relative permittivity (real part)	42.095
Relative permittivity (imaginary part)	19.870
Conductivity (S/m)	0.906

C. SAR Surface and Volume



Maximum location: X=25.00, Y=42.00 ; SAR Peak: 0.13 W/kg

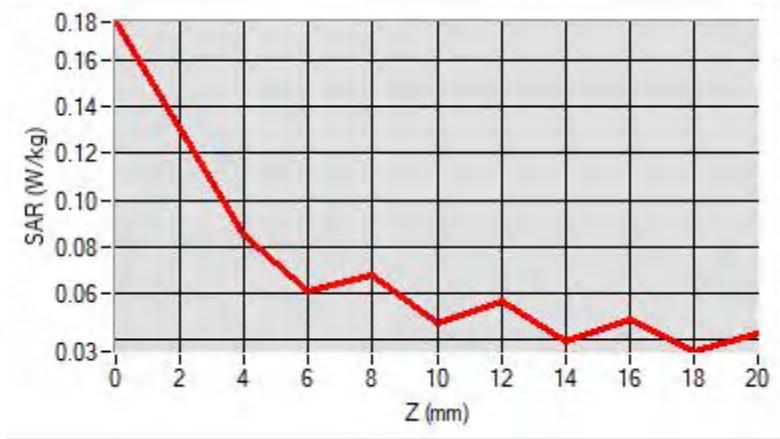
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.047
SAR 1g (W/Kg)	0.084
Variation (%)	1.430
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	61.90%

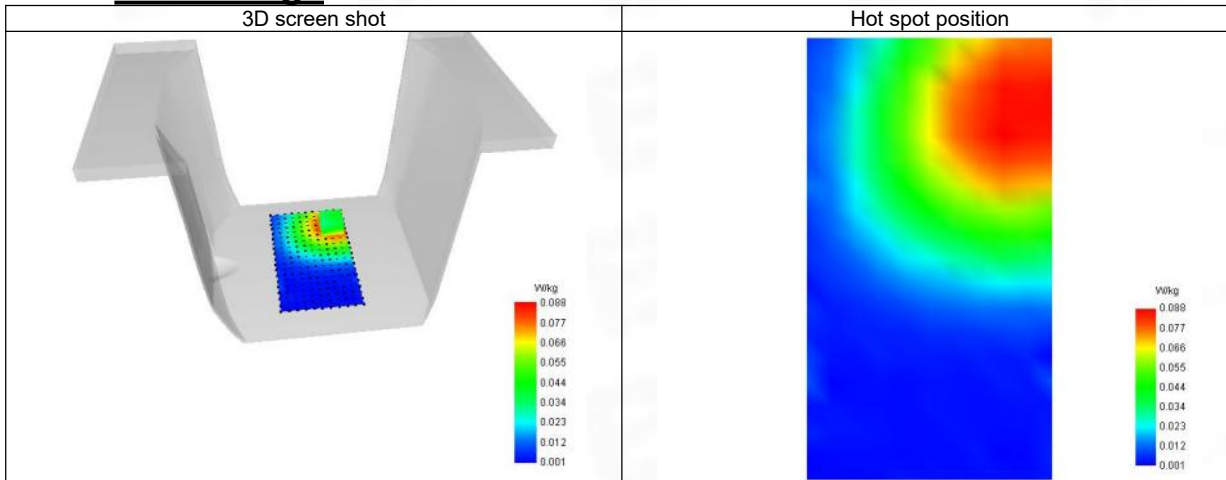
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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SAR (W/Kg)	0.177	0.084	0.052	0.023	0.015
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F. 3D Image



35-Head with front position in dist. 0mm on Channel 381000 in NR band 25

SAR Measurement at NR band 25 (Cheek, Right)

Date of measurement: 10/5/2025

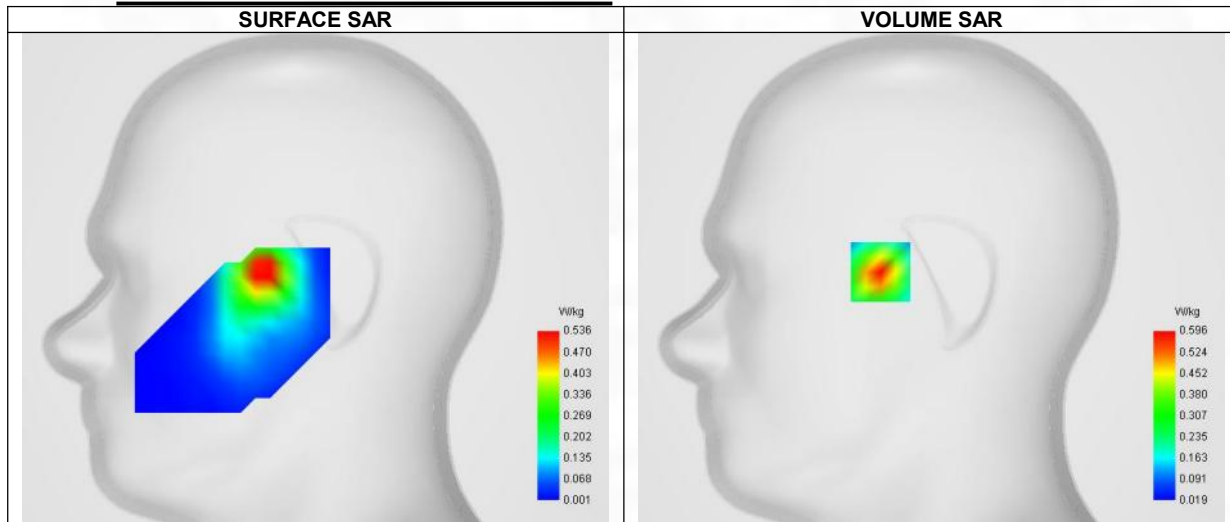
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	NR band 25
Channels/Frequency	Higher (381000)/ frequency 1905.000 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20

B. Permittivity

Middle TX Frequency (MHz)	1901.220
Relative permittivity (real part)	40.448
Relative permittivity (imaginary part)	13.334
Conductivity (S/m)	1.411

C. SAR Surface and Volume



Maximum location: X=-27.00, Y=3.00 ; SAR Peak: 0.90 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.289
SAR 1g (W/Kg)	0.551
Variation (%)	-0.850
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.22%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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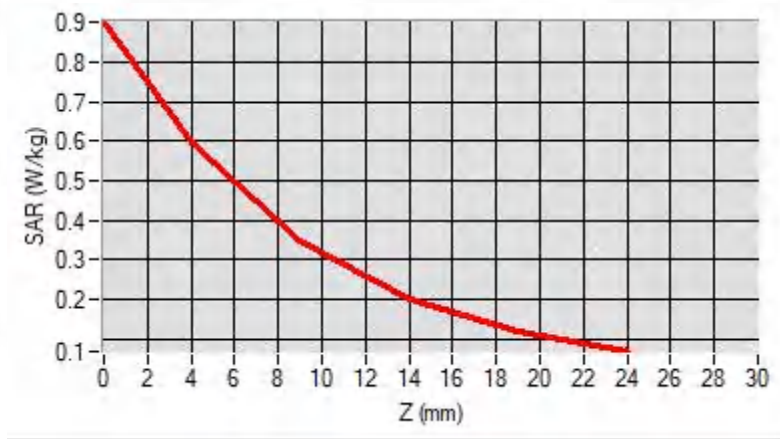
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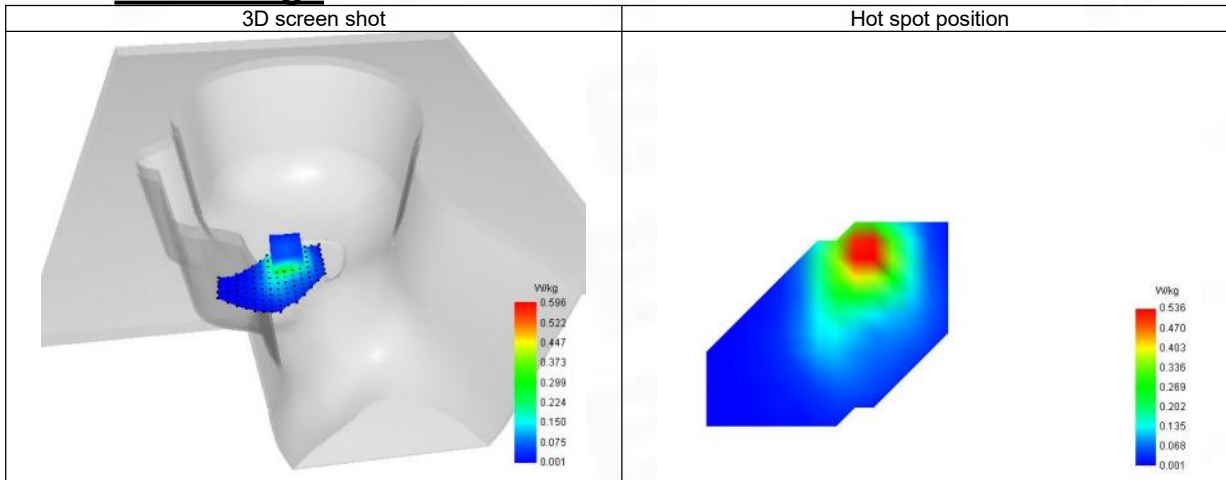
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SAR (W/Kg)	0.901	0.596	0.347	0.202	0.119
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F. 3D Image



36-Body with back position in dist. 10mm on Channel 381000 in NR band 25

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

Date of measurement: 10/5/2025

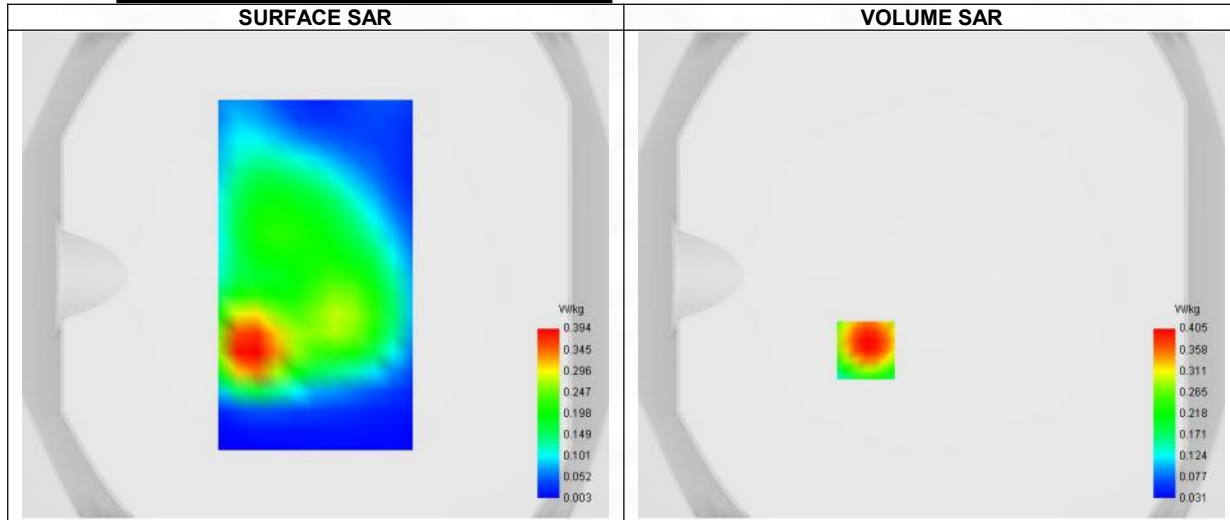
A. Experimental conditions.

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 (381000)/ frequency 1905.000 Mhz
Signal	NR FDD
Cell Bandwidth	20 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	0
RB size	1

B. Permittivity

Middle TX Frequency (MHz)	1901.220
Relative permittivity (real part)	40.448
Relative permittivity (imaginary part)	13.334
Conductivity (S/m)	1.411

C. SAR Surface and Volume



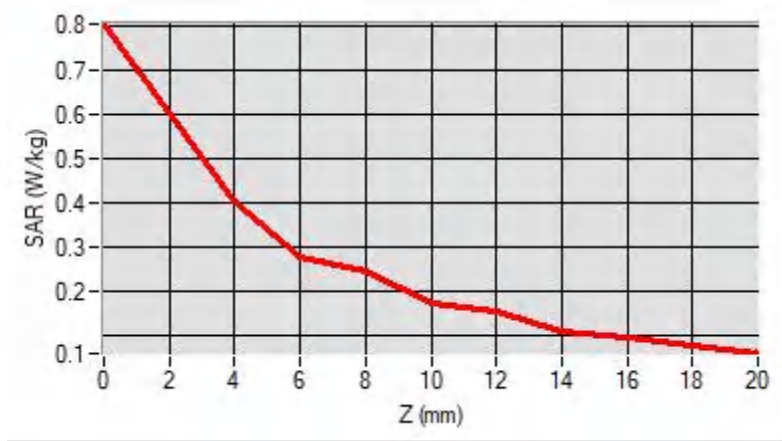
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.186
SAR 1g (W/Kg)	0.388
Variation (%)	2.960
Horizontal validation criteria: minimum distance (mm)	12.649
Vertical validation criteria: SAR ratio M2/M1 (%)	51.36%

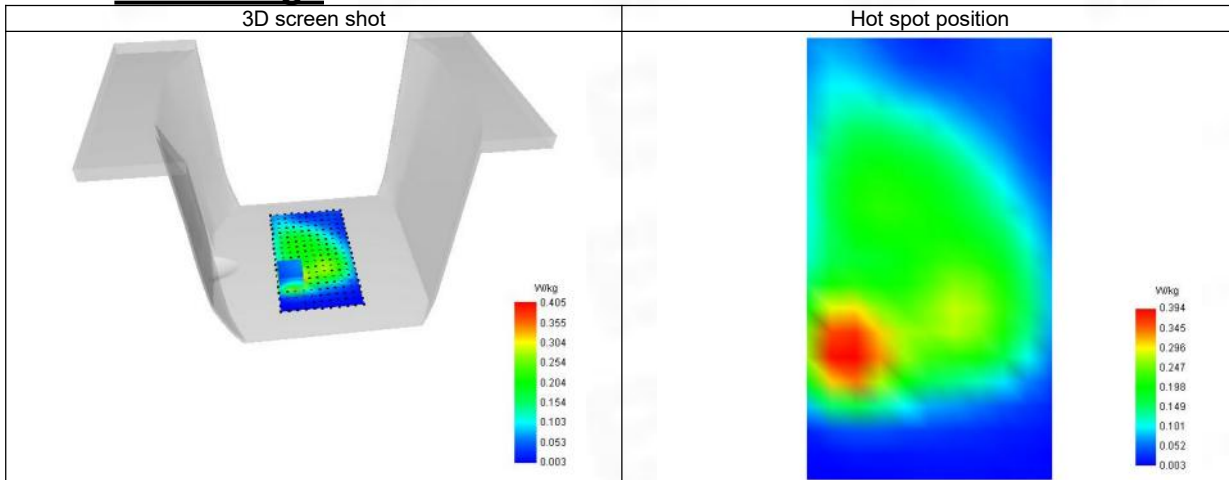
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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SAR (W/Kg)	0.804	0.405	0.208	0.127	0.083
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F. 3D Image



37-Head with front position in dist. 0mm on Channel 528000 in NR band 41

SAR Measurement at NR band 41 (Cheek, Right)

Date of measurement: 13/5/2025

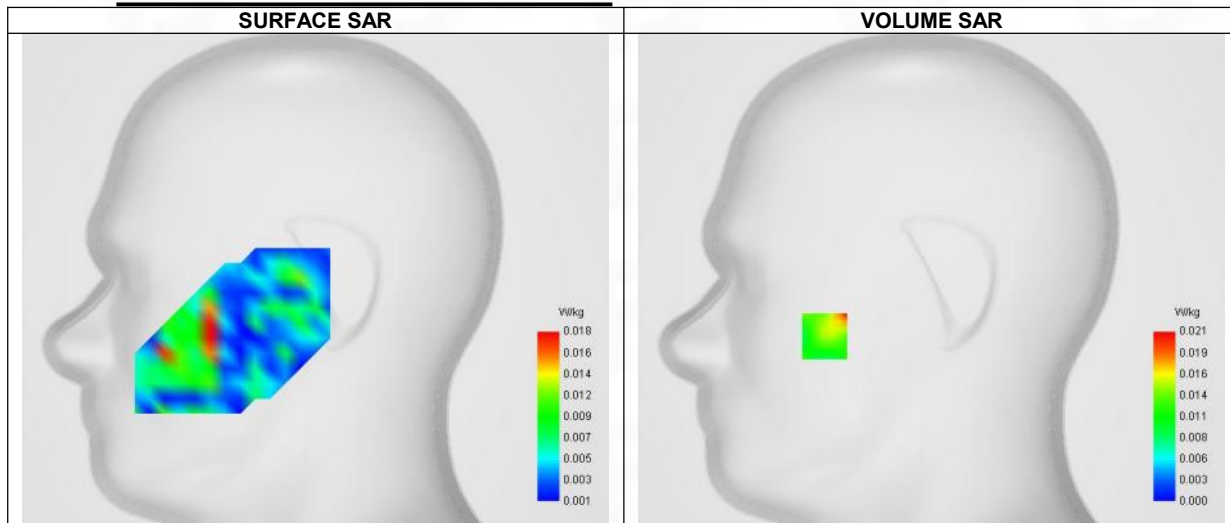
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	NR band 41
Channels/Frequency	Higher (528000)/ frequency 2640.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	0
RB size	1
Duty Cycle (%)	1.00

B. Permittivity

Middle TX Frequency (MHz)	2591.040
Relative permittivity (real part)	39.087
Relative permittivity (imaginary part)	12.770
Conductivity (S/m)	1.922

C. SAR Surface and Volume



Maximum location: X=-57.00, Y=-31.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.006
SAR 1g (W/Kg)	0.017
Variation (%)	-2.970
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	66.67%

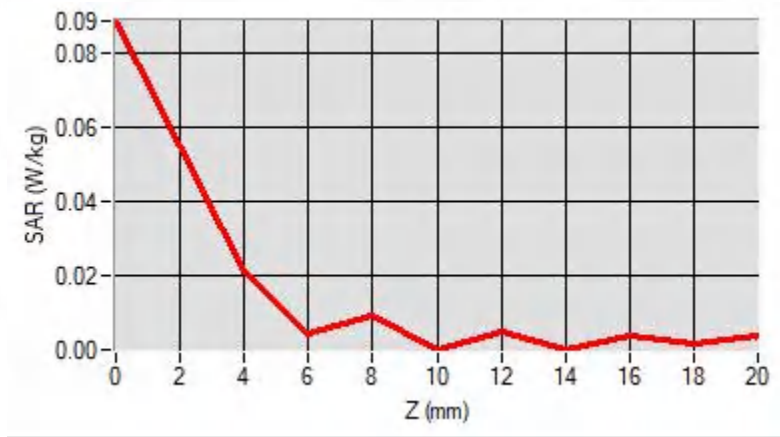
E. Z Axis Scan

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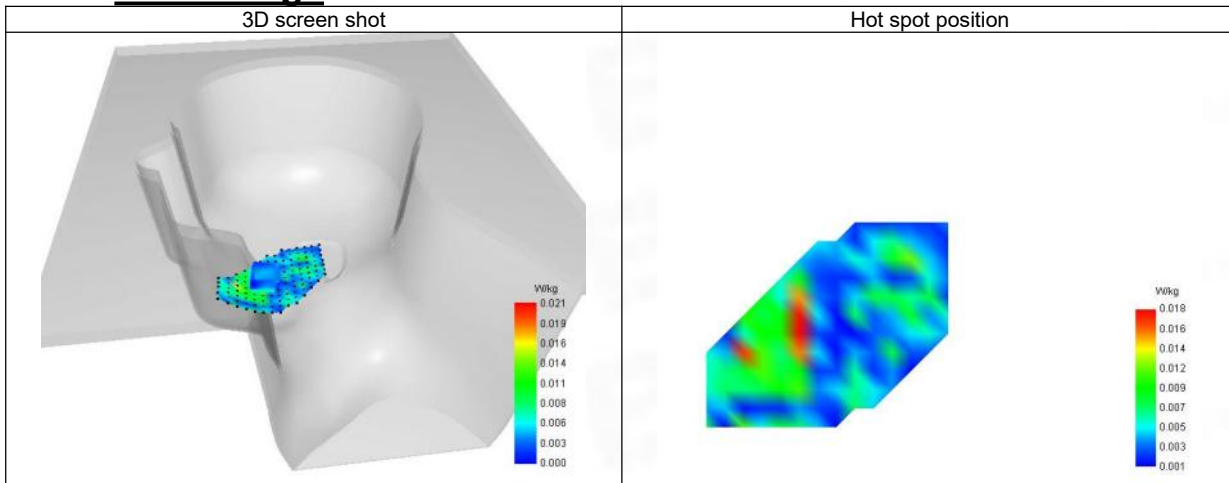
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Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.089	0.021	0.014	0.000	0.003



F. 3D Image



38-Body with back position in dist. 10mm on Channel 528000 in NR band 41

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

Date of measurement: 13/5/2025

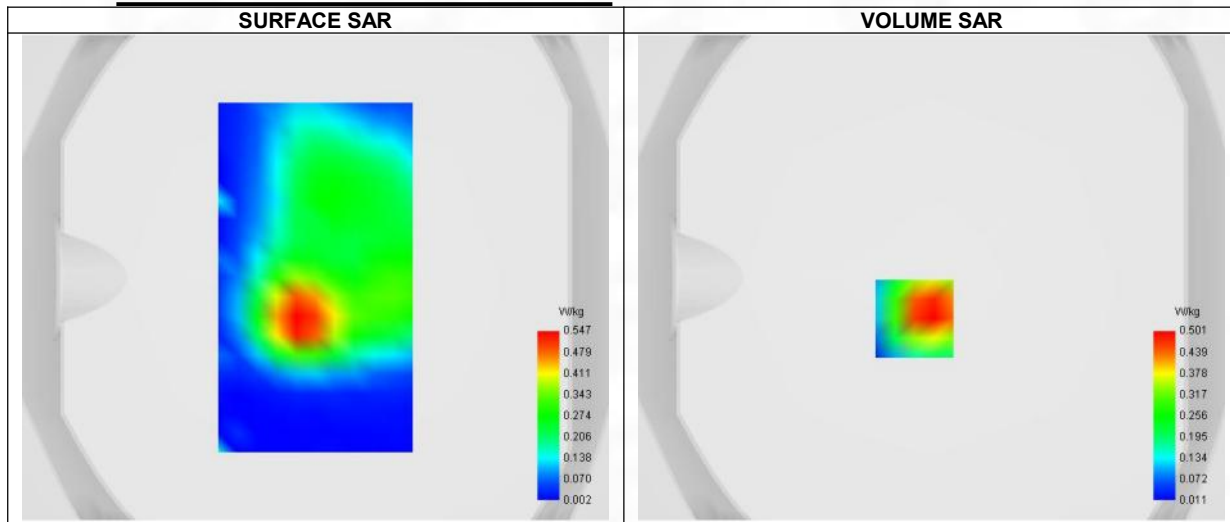
A. Experimental conditions.

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	Higher (528000)/ frequency 2640.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20
Duty Cycle (%)	1.00

B. Permittivity

Middle TX Frequency (MHz)	2596.260
Relative permittivity (real part)	39.071
Relative permittivity (imaginary part)	12.756
Conductivity (S/m)	1.927

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.238
SAR 1g (W/Kg)	0.483
Variation (%)	-1.810
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	32.14%

E. Z Axis Scan

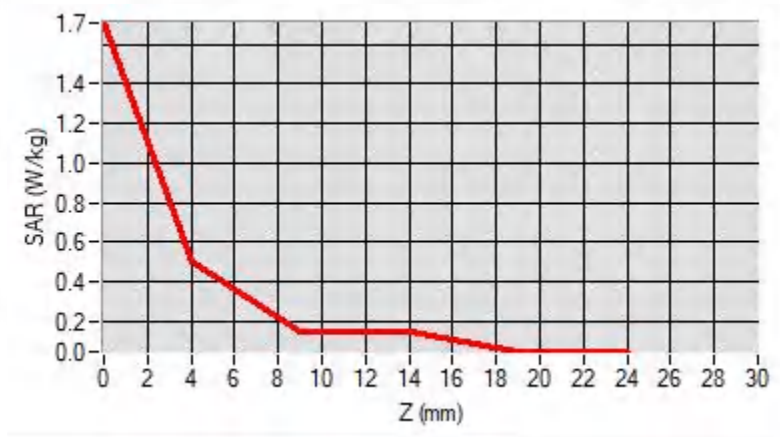
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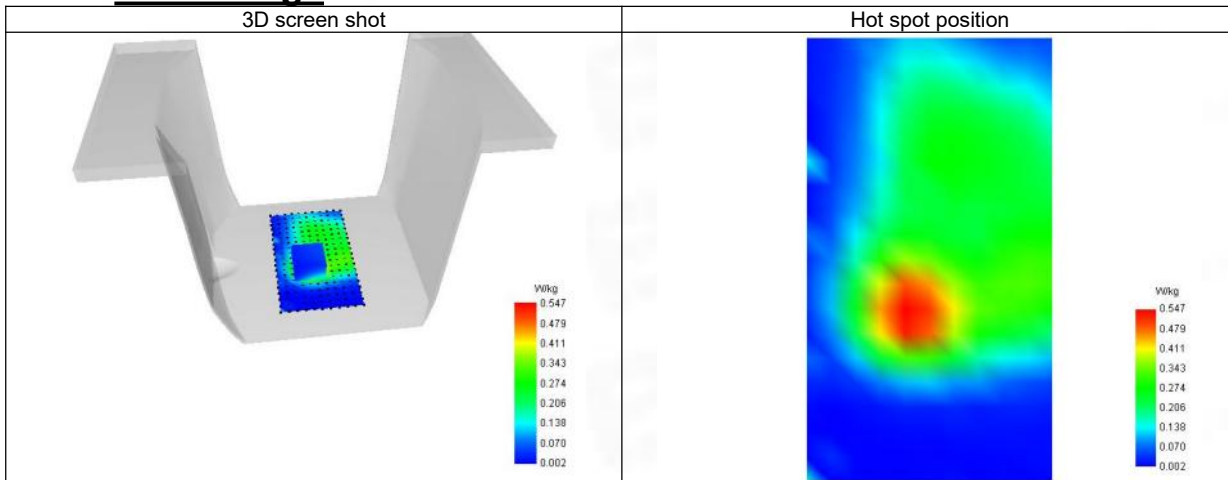
BTF Testing Lab (Shenzhen) Co., Ltd.

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Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.706	0.501	0.161	0.142	0.047



F. 3D Image



39-Head with front position in dist. 0mm on Channel 346500 in NR band 66

SAR Measurement at NR band 66 (Cheek, Right)

Date of measurement: 27/4/2025

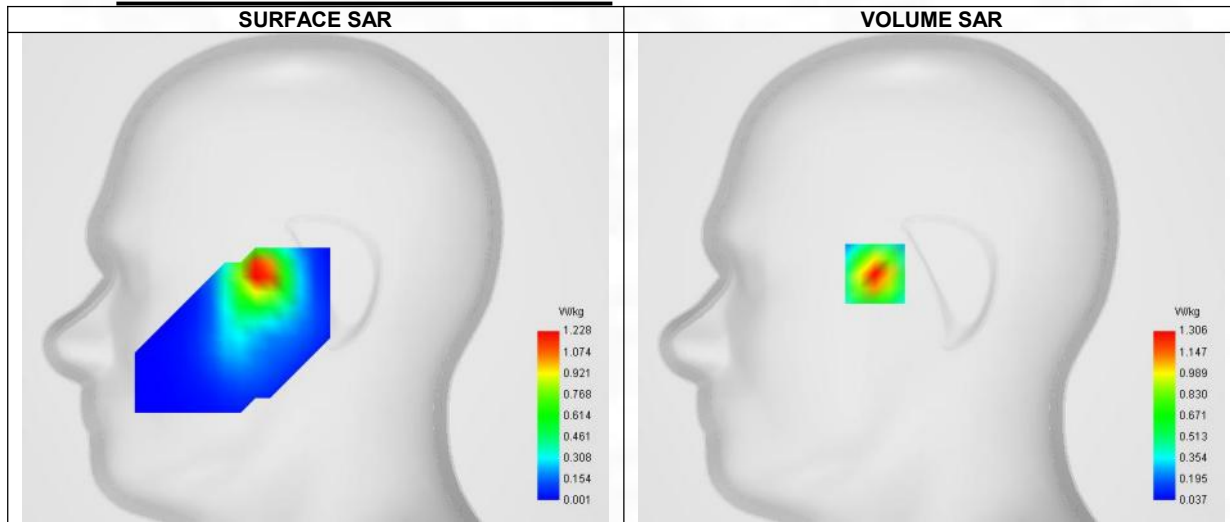
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	NR band 66
Channels/Frequency	Lower (346500)/ frequency 1732.500 Mhz
Signal	NR FDD
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)	1732.500
Relative permittivity (real part)	40.785
Relative permittivity (imaginary part)	14.663
Conductivity (S/m)	1.347

C. SAR Surface and Volume



Maximum location: X=-30.00, Y=2.00 ; SAR Peak: 1.97 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.627
SAR 1g (W/Kg)	1.057
Variation (%)	-1.360
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.35%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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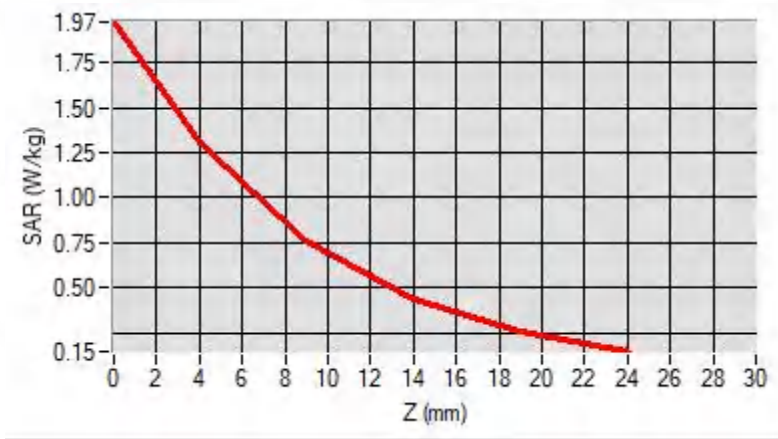
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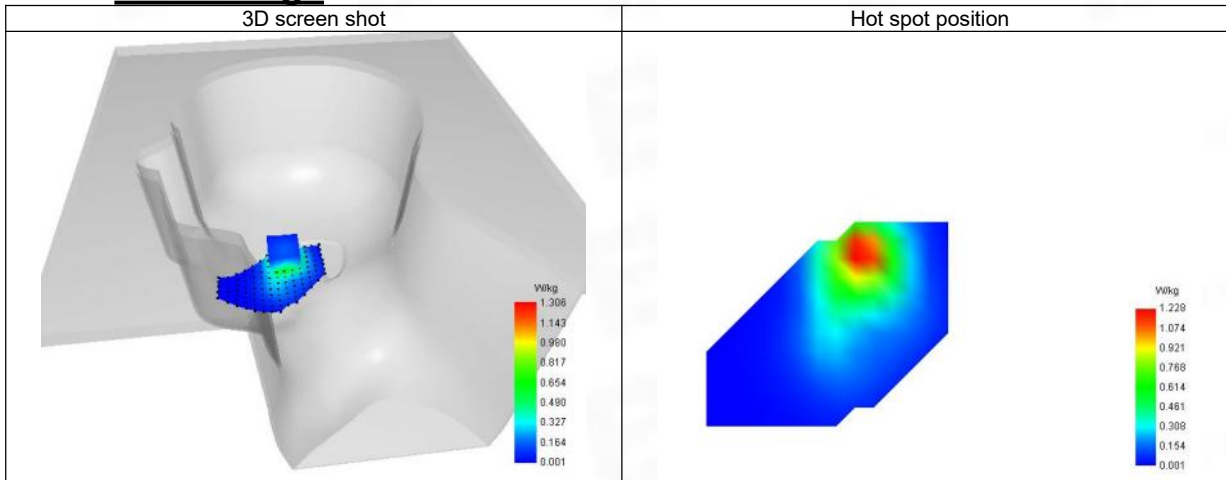
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SAR (W/Kg)	1.973	1.306	0.762	0.442	0.261
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F. 3D Image



40-Body with back position in dist. 10mm on Channel 346500 in NR band 66

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

Date of measurement: 27/4/2025

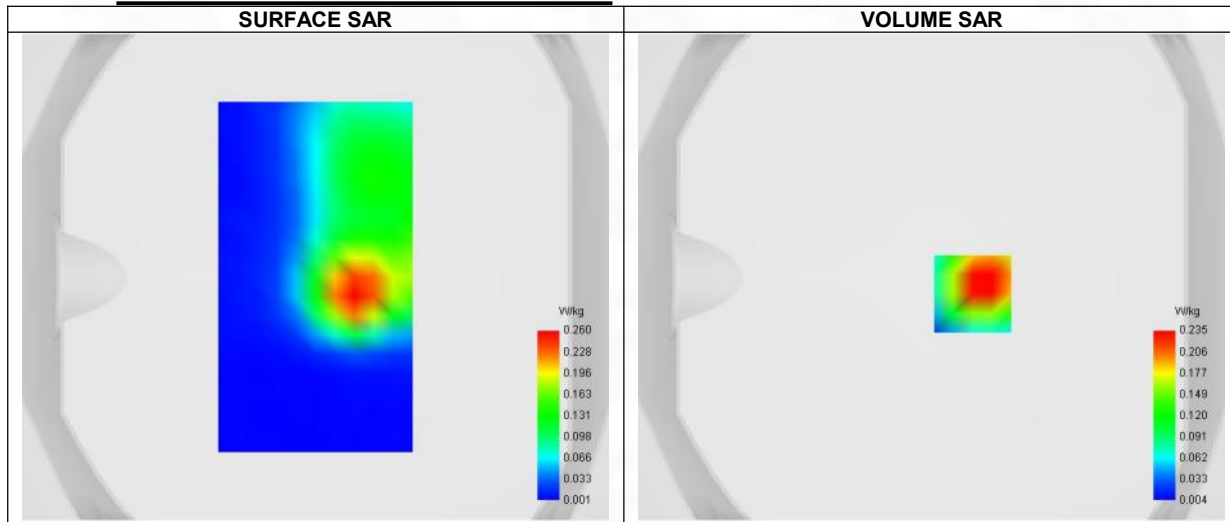
A. Experimental conditions.

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	Lower (346500)/ frequency 1732.500 Mhz
Signal	NR FDD
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)	1732.500
Relative permittivity (real part)	40.785
Relative permittivity (imaginary part)	14.663
Conductivity (S/m)	1.347

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.235
Variation (%)	-4.690
Horizontal validation criteria: minimum distance (mm)	11.314
Vertical validation criteria: SAR ratio M2/M1 (%)	43.40%

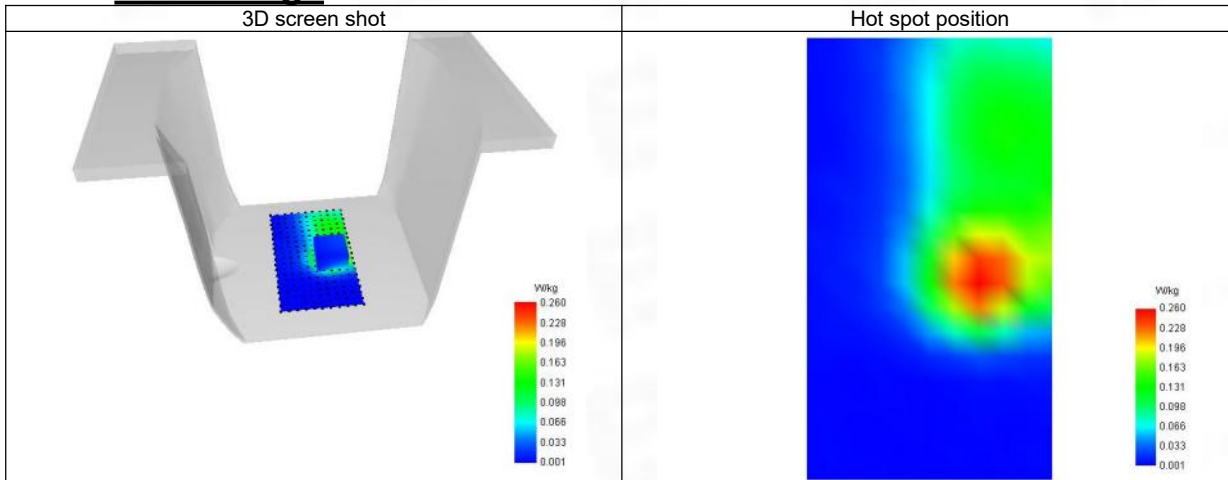
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
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SAR (W/Kg)	0.982	0.235	0.102	0.072	0.015
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F. 3D Image



41-Head with front position in dist. 0mm on Channel 656000 in NR band 77

SAR Measurement at NR band 77 (Cheek, Right)

Date of measurement: 13/5/2025

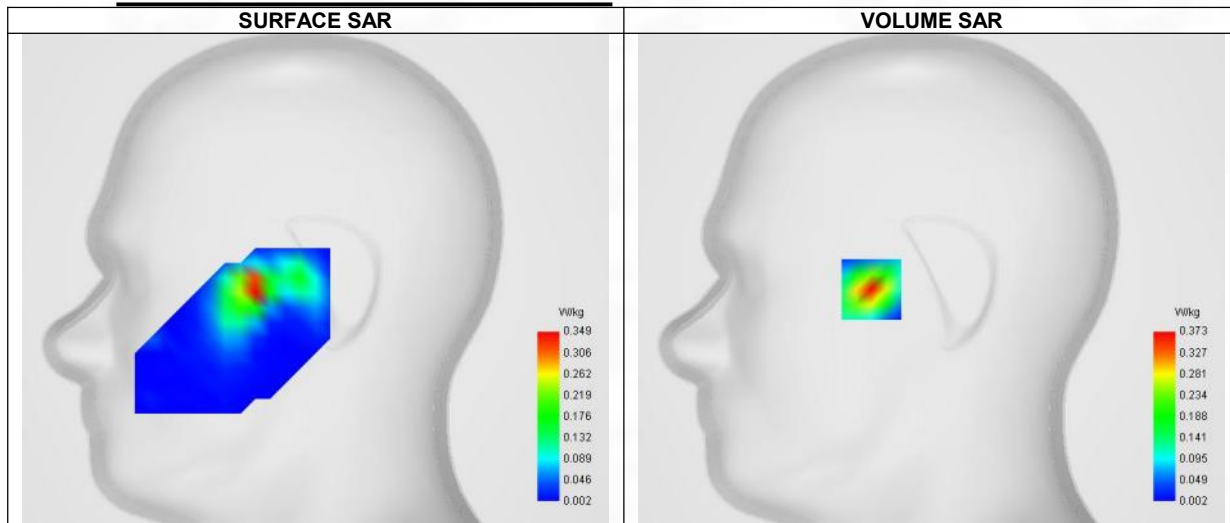
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	NR band 77
Channels/Frequency	Middle (656000)/ frequency 3840.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20
Duty Cycle (%)	1.00

B. Permittivity

Middle TX Frequency (MHz)	3796.260
Relative permittivity (real part)	37.675
Relative permittivity (imaginary part)	14.338
Conductivity (S/m)	3.195

C. SAR Surface and Volume



Maximum location: X=-32.00, Y=-6.00 ; SAR Peak: 0.79 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.137
SAR 1g (W/Kg)	0.349
Variation (%)	-0.260
Horizontal validation criteria: minimum distance (mm)	11.314
Vertical validation criteria: SAR ratio M2/M1 (%)	32.71%

E. Z Axis Scan

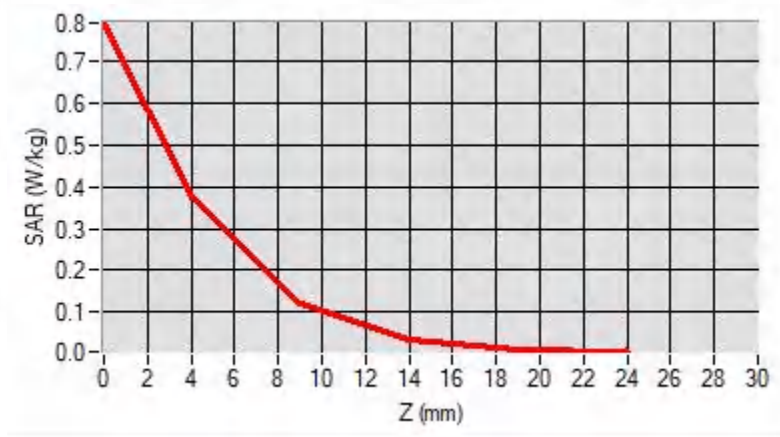
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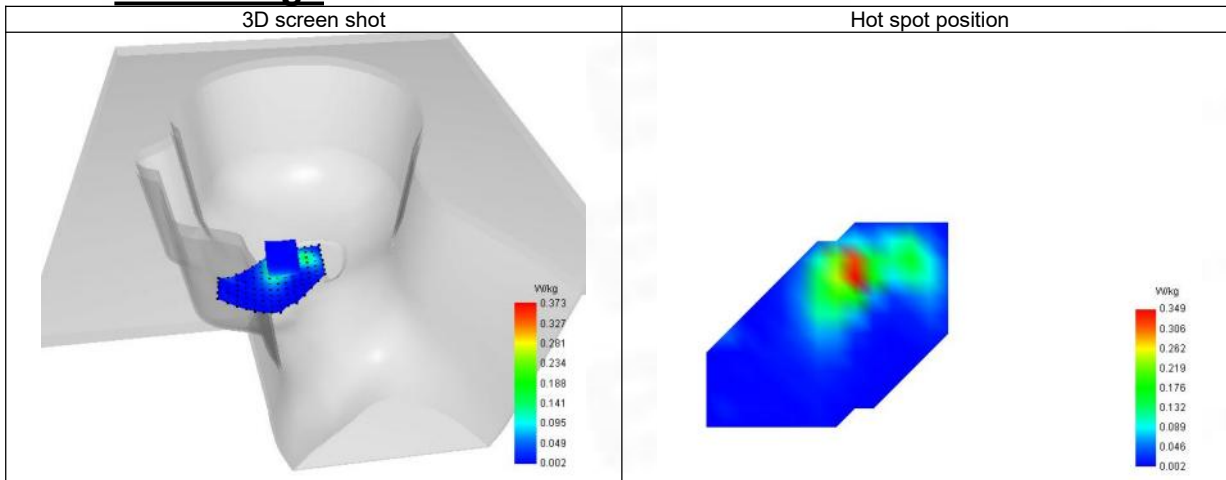
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Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.794	0.373	0.122	0.034	0.011



F. 3D Image



42-Body with back position in dist. 10mm on Channel 656000 in NR band 77

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

Date of measurement: 13/5/2025

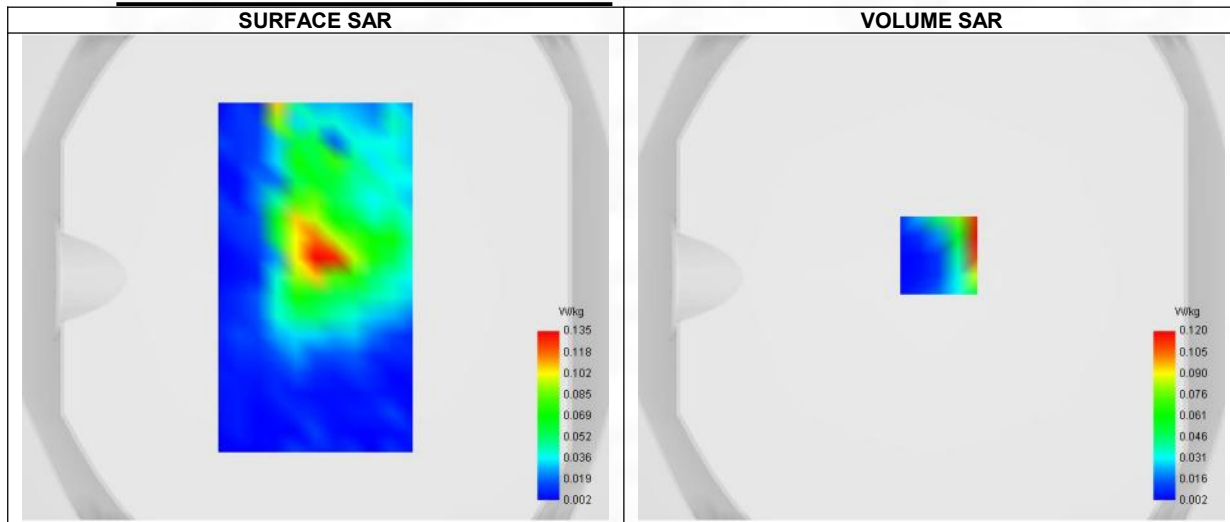
A. Experimental conditions.

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 77
Channels/Frequency	Middle (656000)/ frequency 3840.000 Mhz
Signal	NR TDD
Cell Bandwidth	100 Mhz
Modulation	DFT-s-OFDM - QPSK
subcarrier spacing (SCS)	30 kHz
RB offset	5
RB size	20
Duty Cycle (%)	1.00

B. Permittivity

Middle TX Frequency (MHz)	3796.260
Relative permittivity (real part)	37.675
Relative permittivity (imaginary part)	14.338
Conductivity (S/m)	3.195

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.024
SAR 1g (W/Kg)	0.088
Variation (%)	-2.660
Horizontal validation criteria: minimum distance (mm)	8.000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.33%

E. Z Axis Scan

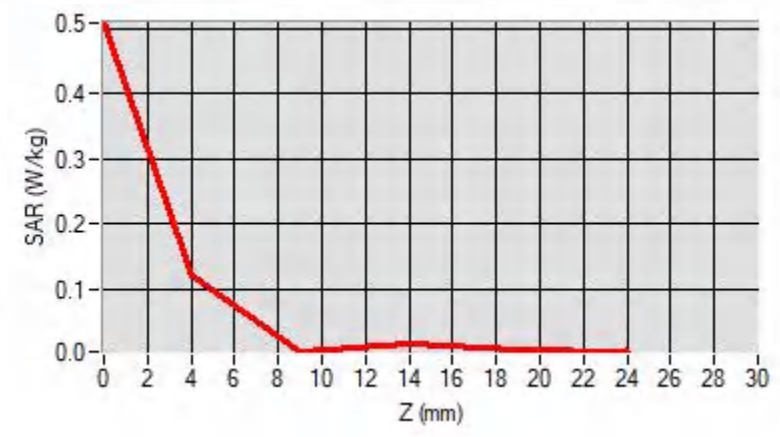
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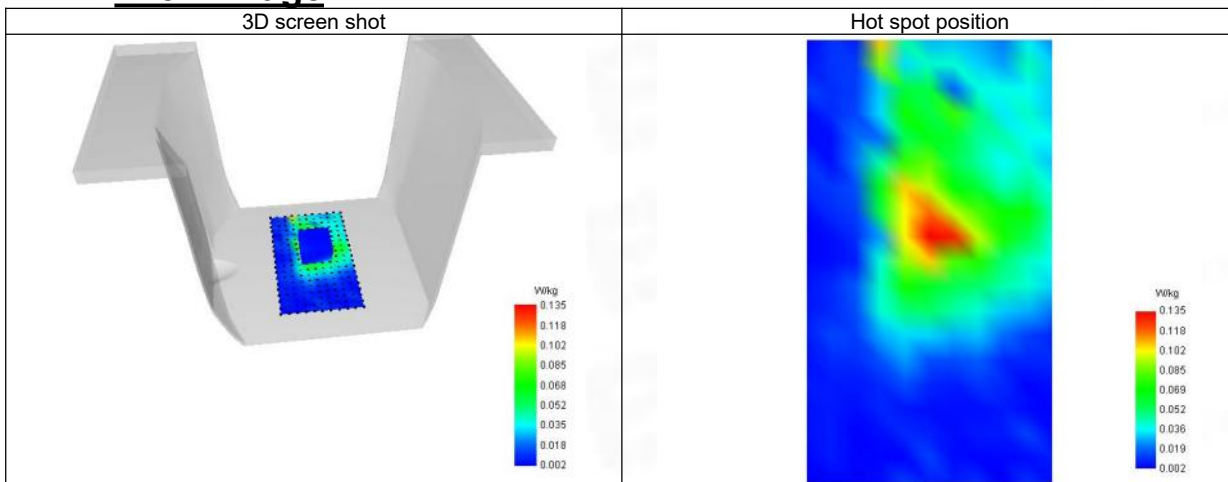
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F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.510	0.120	0.064	0.014	0.006



F. 3D Image



43-Head with front position in dist. 0mm on Channel 1 in IEEE 802.11b ISM

SAR Measurement at ISM (Cheek, Right)

Date of measurement: 12/5/2025

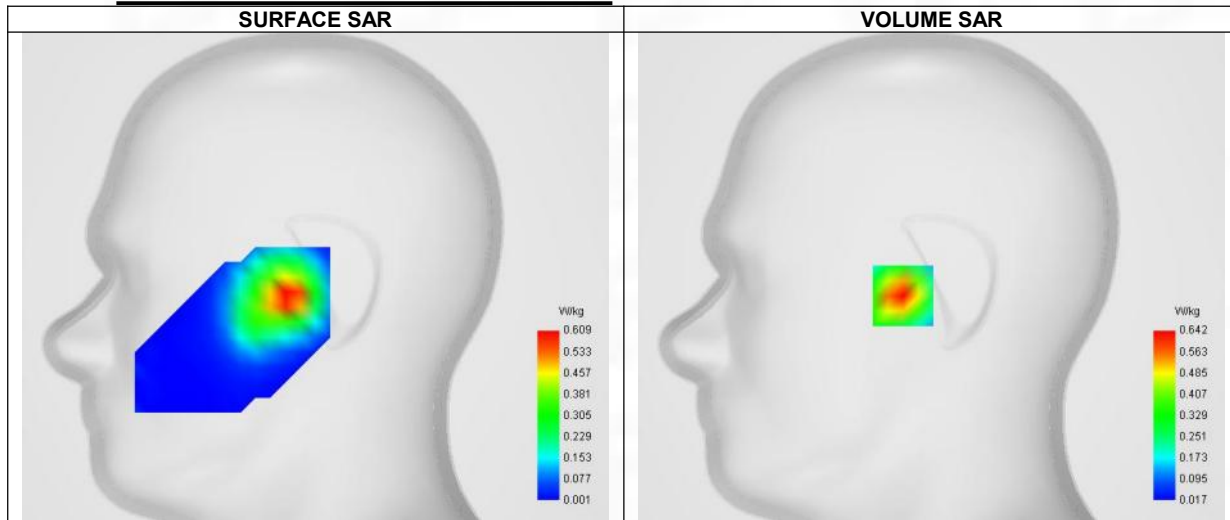
A. Experimental conditions.

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	Right head
Device Position	Cheek
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)	39.584
Relative permittivity (imaginary part)	13.155
Conductivity (S/m)	1.764

C. SAR Surface and Volume



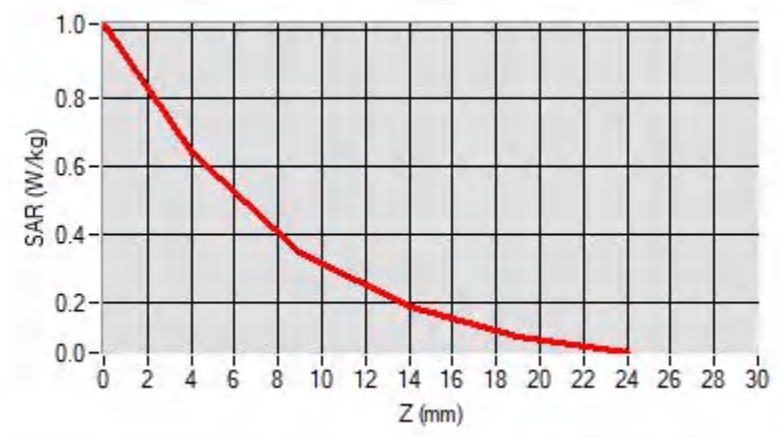
Maximum location: X=-15.00, Y=-10.00 ; SAR Peak: 1.02 W/kg

D. SAR 1g & 10g

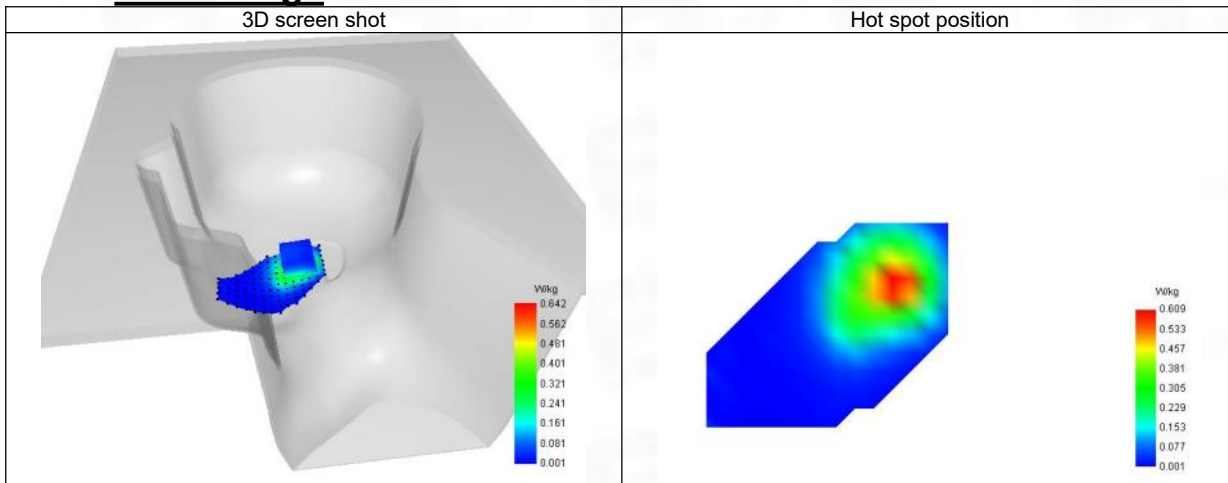
SAR 10g (W/Kg)	0.208
SAR 1g (W/Kg)	0.436
Variation (%)	-1.650
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.89%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.020	0.642	0.346	0.183	0.098



F. 3D Image



44-Body with back position in dist. 10mm on Channel 1 in IEEE 802.11b ISM

SAR Measurement at ISM (Body, Validation Plane)

Date of measurement: 12/5/2025

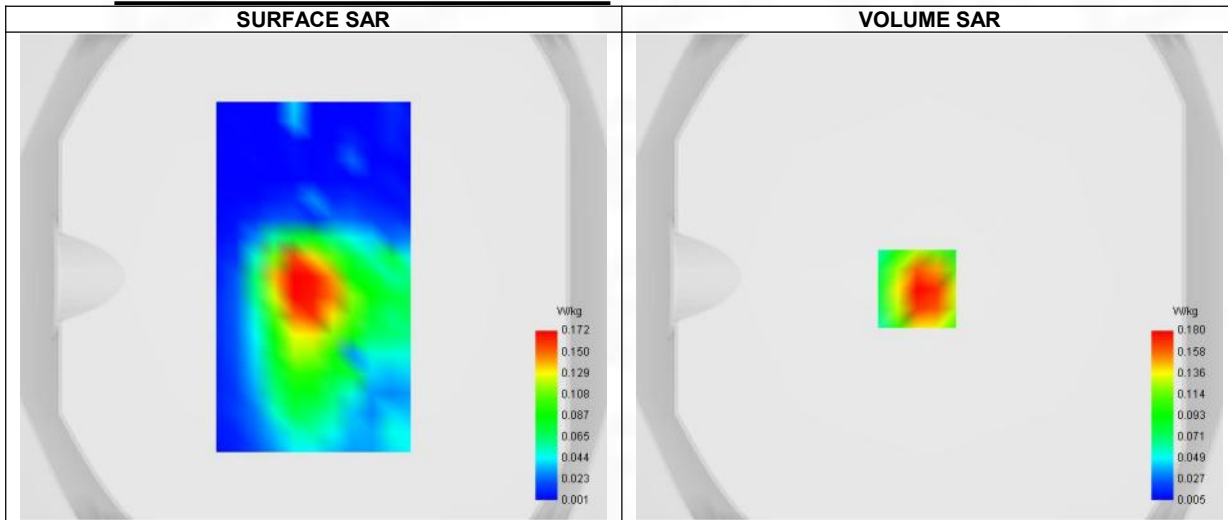
A. Experimental conditions.

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)	39.584
Relative permittivity (imaginary part)	13.155
Conductivity (S/m)	1.764

C. SAR Surface and Volume

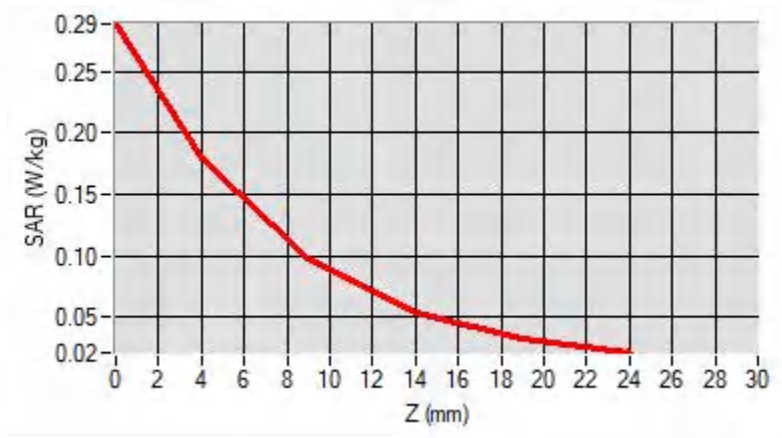


D. SAR 1g & 10g

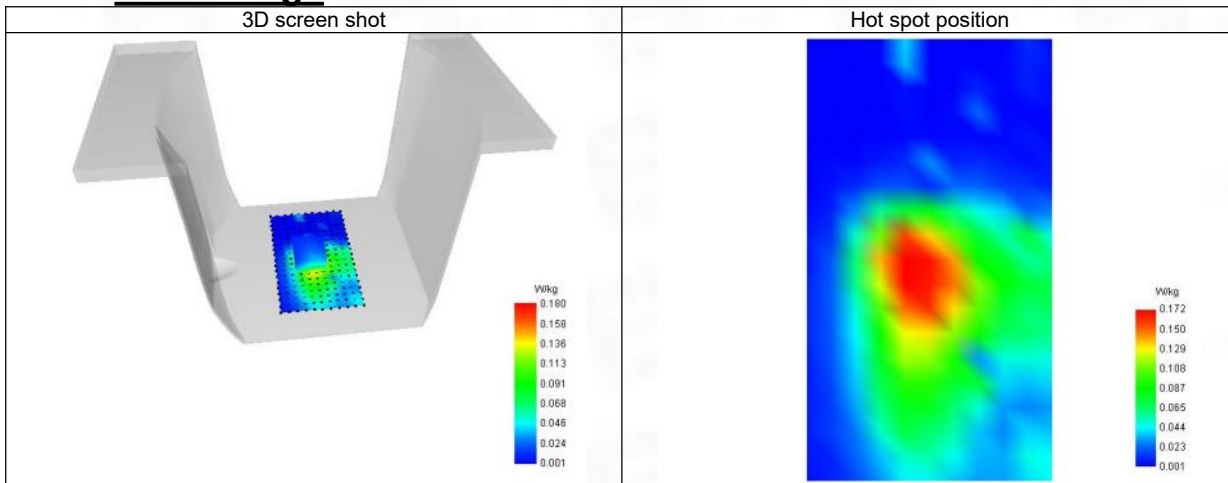
SAR 10g (W/Kg)	0.096
SAR 1g (W/Kg)	0.176
Variation (%)	-1.160
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.44%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.289	0.180	0.098	0.055	0.033



F. 3D Image



45-Head with front position in dist. 0mm on Channel 46 in IEEE 802.11n U-NII

SAR Measurement at U-NII-1 (Cheek, Right)

Date of measurement: 14/5/2025

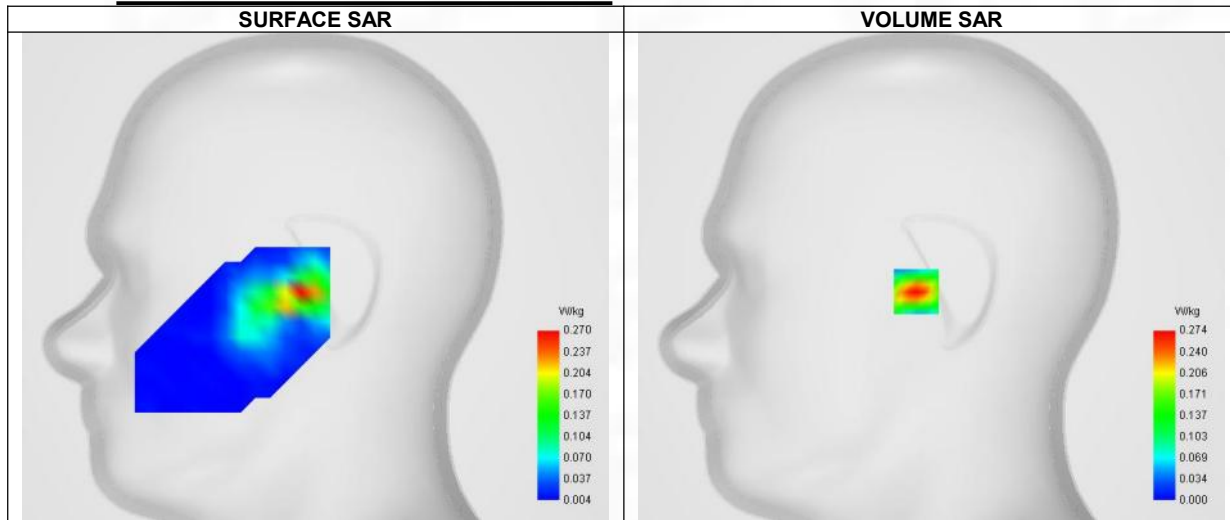
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.18
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
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)	36.026
Relative permittivity (imaginary part)	16.218
Conductivity (S/m)	4.712

C. SAR Surface and Volume



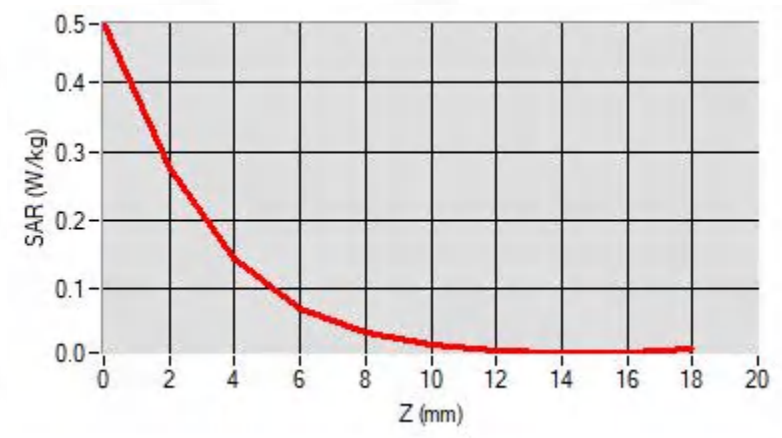
Maximum location: X=-8.00, Y=-8.00 ; SAR Peak: 0.74 W/kg

D. SAR 1g & 10g

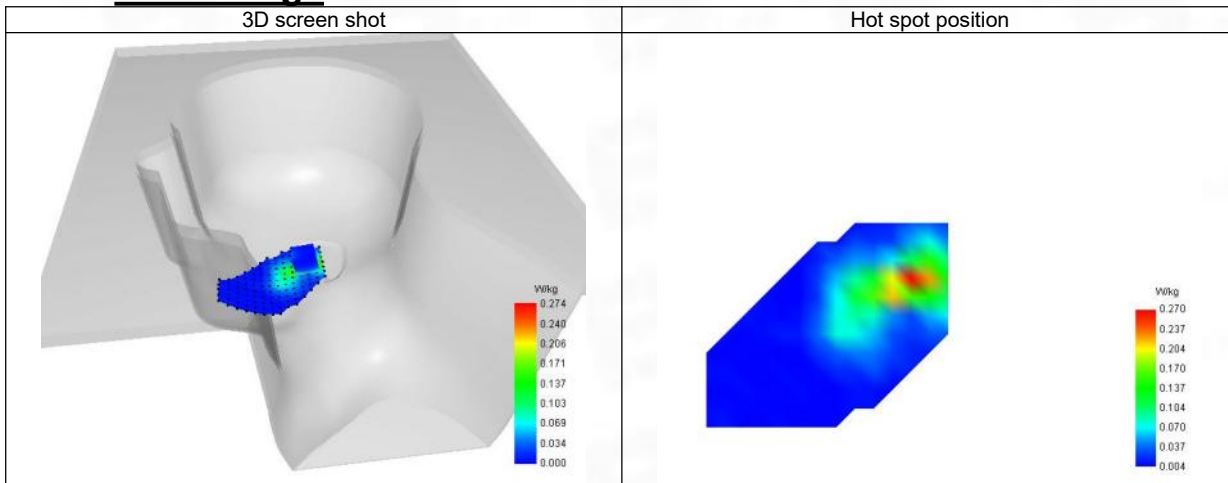
SAR 10g (W/Kg)	0.092
SAR 1g (W/Kg)	0.259
Variation (%)	-2.900
Horizontal validation criteria: minimum distance (mm)	8.944
Vertical validation criteria: SAR ratio M2/M1 (%)	52.92%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.485	0.274	0.145	0.072	0.036	0.018	0.011	0.008	0.007



F. 3D Image



46-Body with back position in dist. 10mm on Channel 46 in IEEE 802.11n U-NII

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

Date of measurement: 14/5/2025

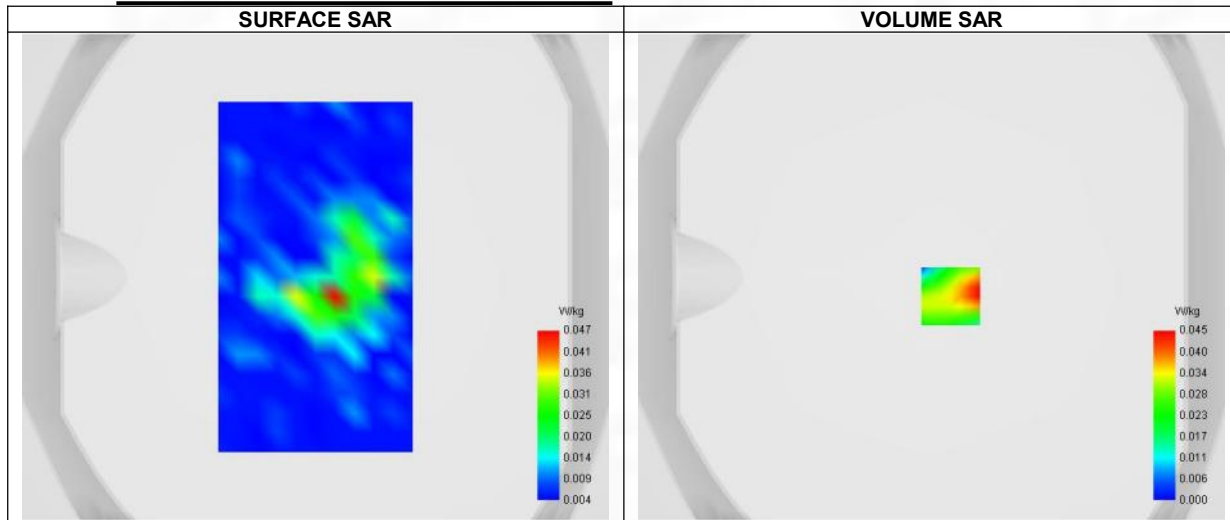
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.18
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, 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)	36.026
Relative permittivity (imaginary part)	16.218
Conductivity (S/m)	4.712

C. SAR Surface and Volume



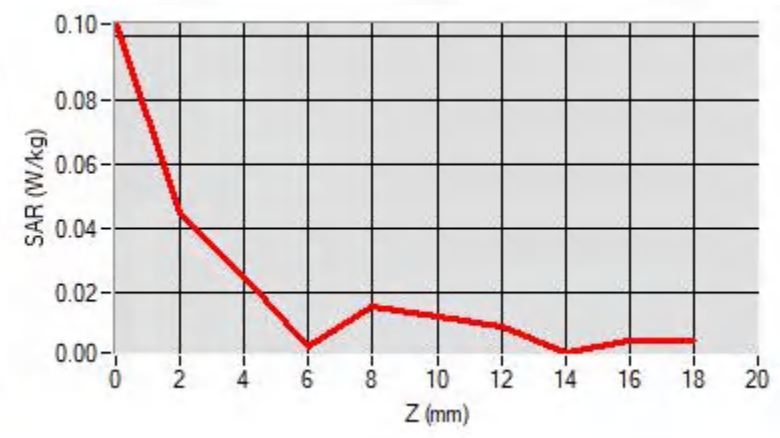
Maximum location: X=8.00, Y=-8.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

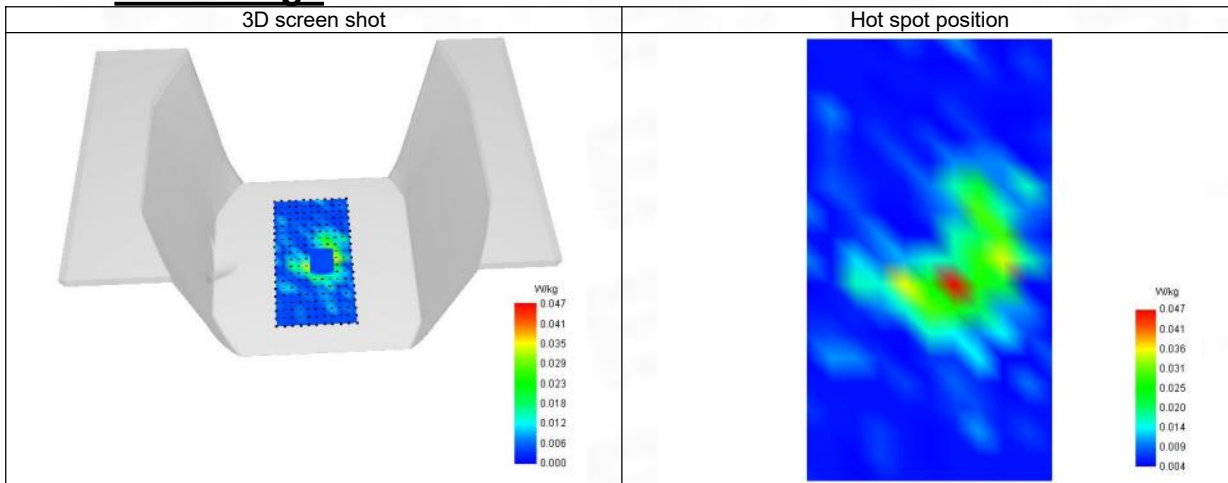
SAR 10g (W/Kg)	0.028
SAR 1g (W/Kg)	0.047
Variation (%)	0.660
Horizontal validation criteria: minimum distance (mm)	12.000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.56%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.104	0.045	0.025	0.003	0.016	0.012	0.009	0.001	0.005



F. 3D Image



47-Head with front position in dist. 0mm on Channel 62 in IEEE 802.11n U-NII

SAR Measurement at U-NII-2a (Cheek, Right)

Date of measurement: 14/5/2025

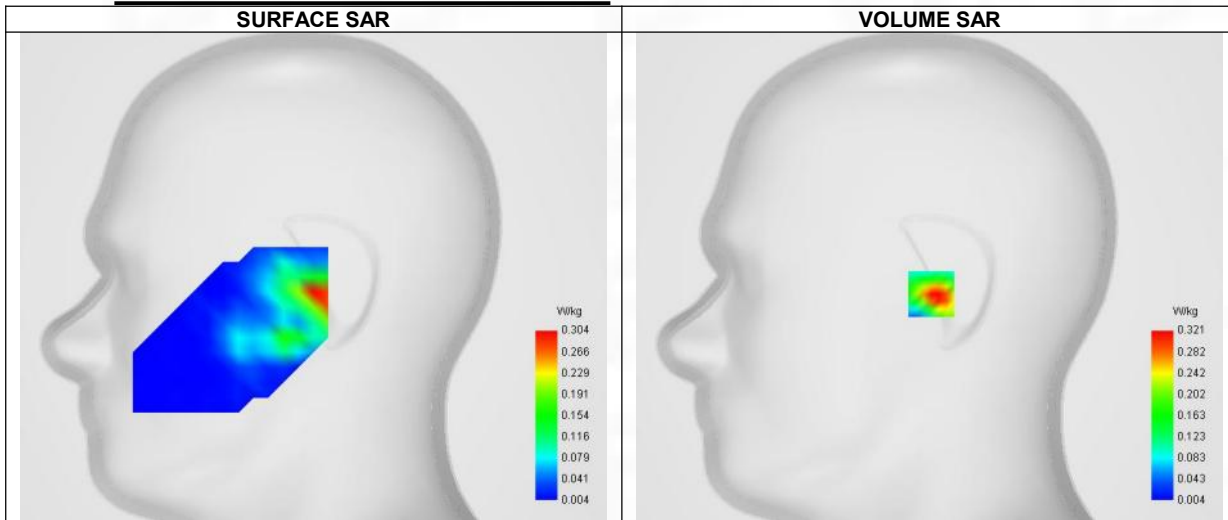
A. Experimental conditions.

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	Right head
Device Position	Cheek
Band	U-NII-2a
Channels/Frequency	Middle (62)/ frequency 5310.000 Mhz
Signal	IEEE 802.11 n

B. Permittivity

Middle TX Frequency (MHz)	5310.000
Relative permittivity (real part)	35.962
Relative permittivity (imaginary part)	16.249
Conductivity (S/m)	4.796

C. SAR Surface and Volume



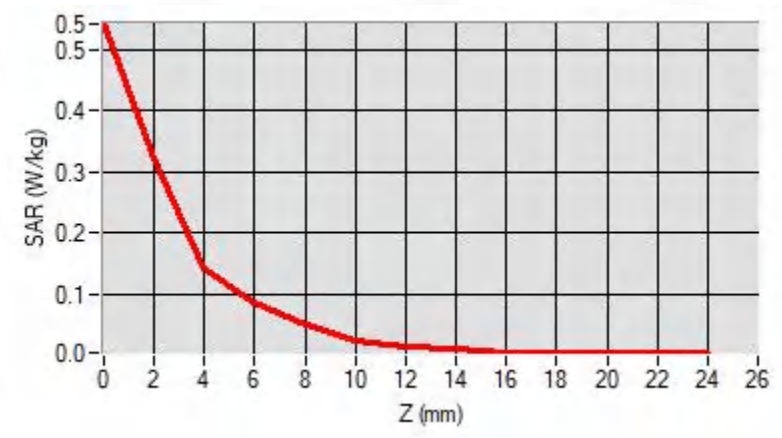
Maximum location: X=1.00, Y=-9.00 ; SAR Peak: 0.86 W/kg

D. SAR 1g & 10g

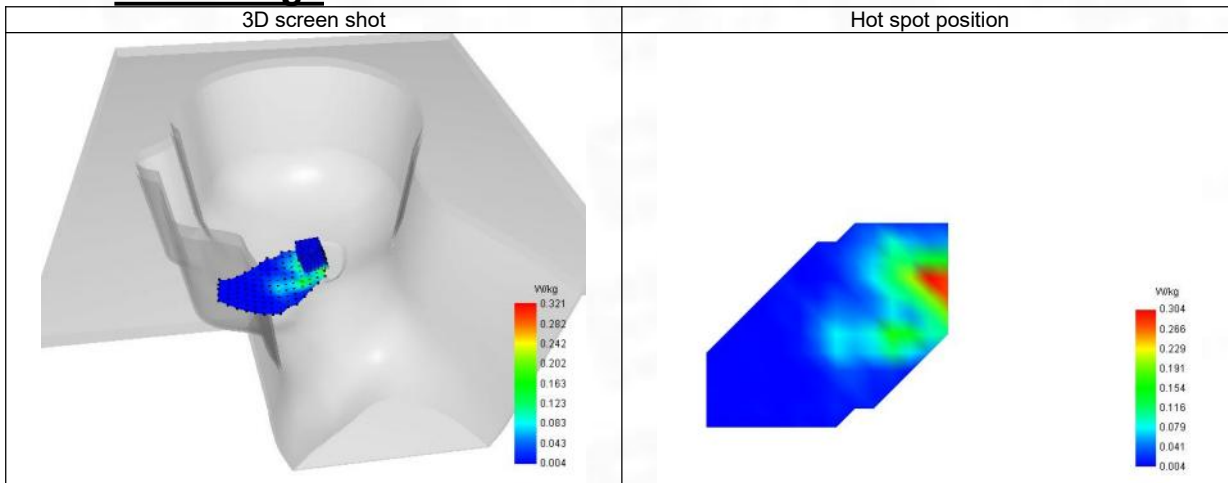
SAR 10g (W/Kg)	0.110
SAR 1g (W/Kg)	0.313
Variation (%)	1.060
Horizontal validation criteria: minimum distance (mm)	8.944
Vertical validation criteria: SAR ratio M2/M1 (%)	55.46%

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)	0.542	0.321	0.141	0.085	0.050	0.022	0.013	0.010	0.004	0.005	0.005	0.004



F. 3D Image



48-Body with back position in dist. 10mm on Channel 62 in IEEE 802.11n U-NII

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

Date of measurement: 14/5/2025

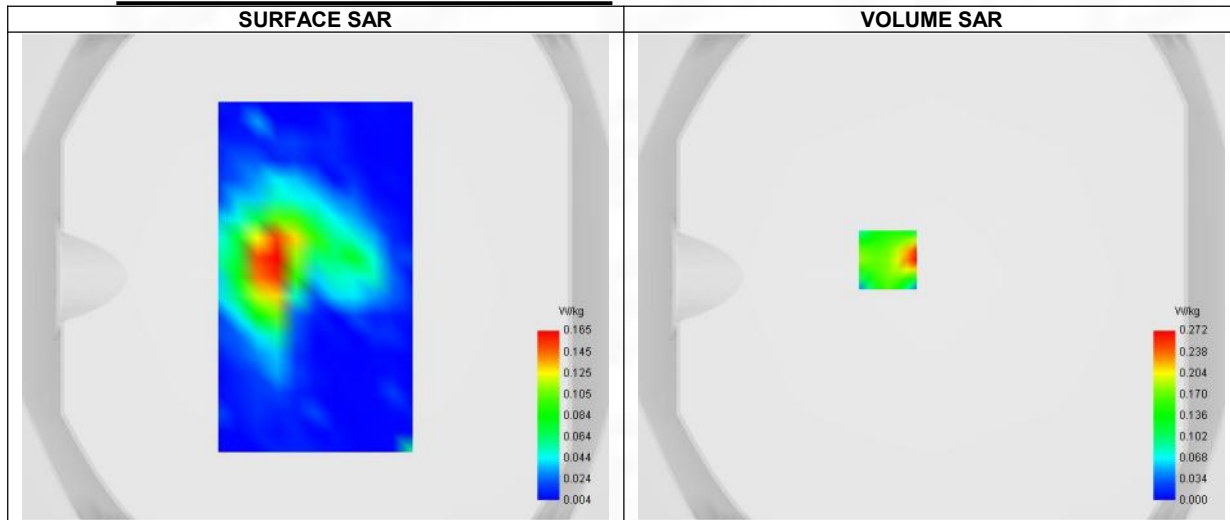
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2a
Channels/Frequency	Higher (62)/ frequency 5310.000 Mhz
Signal	IEEE 802.11 n

B. Permittivity

Middle TX Frequency (MHz)	5310.000
Relative permittivity (real part)	35.962
Relative permittivity (imaginary part)	16.249
Conductivity (S/m)	4.796

C. SAR Surface and Volume

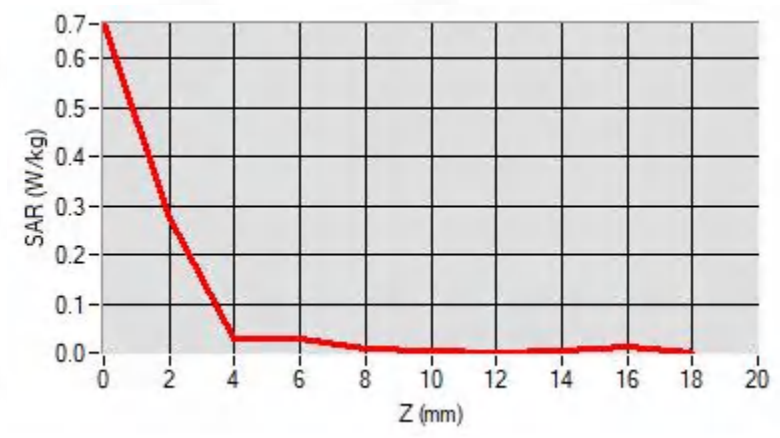


D. SAR 1g & 10g

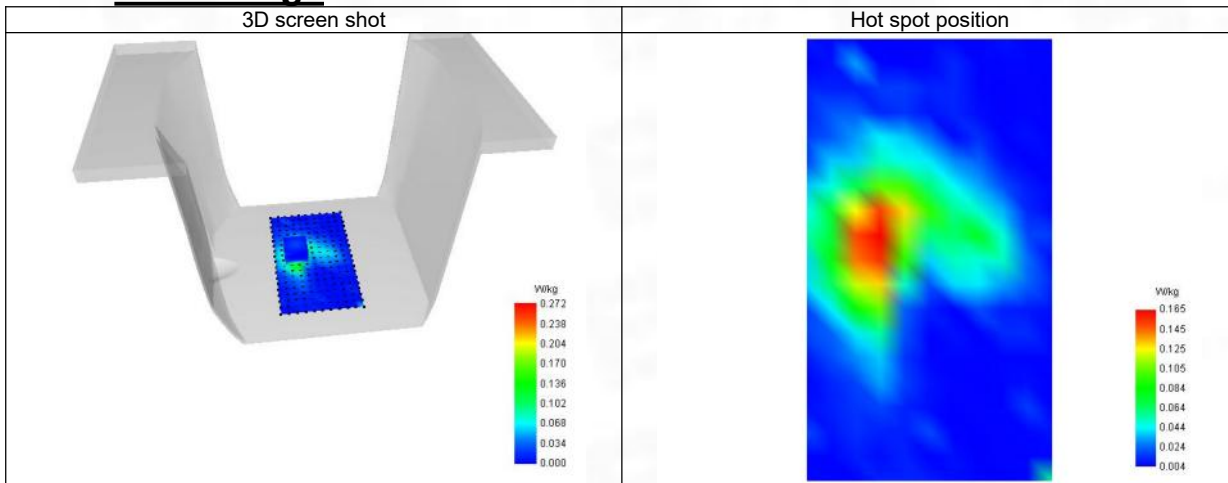
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.139
Variation (%)	-2.250
Horizontal validation criteria: minimum distance (mm)	8.000
Vertical validation criteria: SAR ratio M2/M1 (%)	46.69%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.671	0.272	0.127	0.028	0.007	0.004	0.001	0.004	0.011



F. 3D Image



49-Head with front position in dist. 0mm on Channel 140 in IEEE 802.11n U-NII

SAR Measurement at U-NII-2c (Cheek, Right)

Date of measurement: 15/5/2025

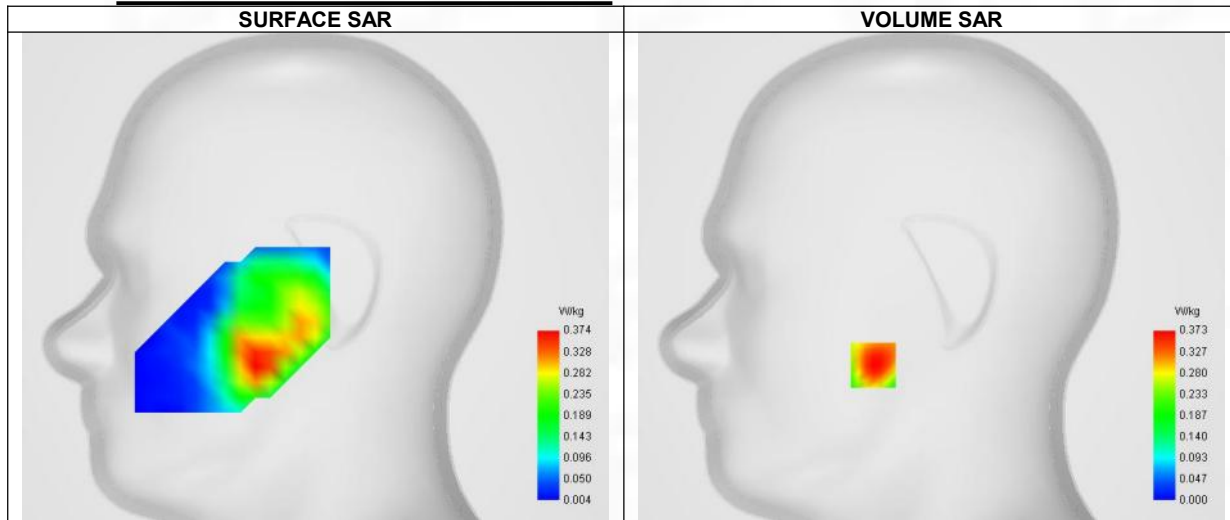
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.12
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	U-NII-2c
Channels/Frequency	Higher (140)/ frequency 5700.000 Mhz
Signal	IEEE 802.11 n

B. Permittivity

Middle TX Frequency (MHz)	5700.000
Relative permittivity (real part)	35.395
Relative permittivity (imaginary part)	16.448
Conductivity (S/m)	5.210

C. SAR Surface and Volume



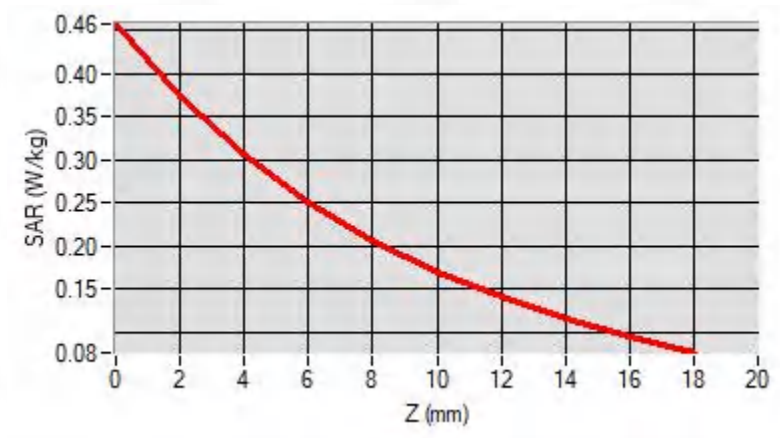
Maximum location: X=-31.00, Y=-47.00 ; SAR Peak: 0.83 W/kg

D. SAR 1g & 10g

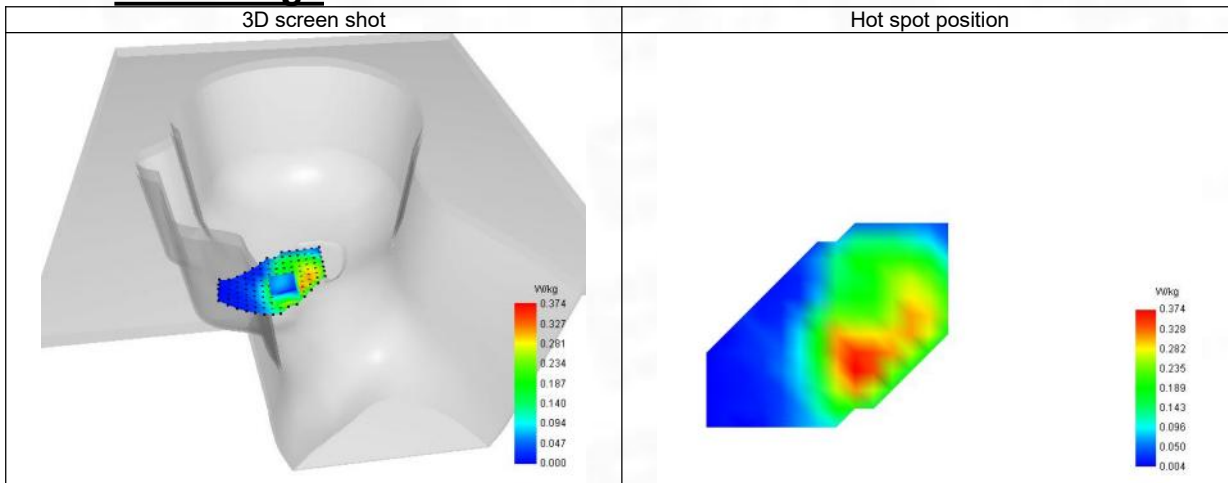
SAR 10g (W/Kg)	0.185
SAR 1g (W/Kg)	0.345
Variation (%)	1.450
Horizontal validation criteria: minimum distance (mm)	16.970
Vertical validation criteria: SAR ratio M2/M1 (%)	79.36%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.457	0.373	0.296	0.250	0.206	0.170	0.140	0.115	0.094



F. 3D Image



50-Body with back position in dist. 10mm on Channel 140 in IEEE 802.11n U-NII

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

Date of measurement: 15/5/2025

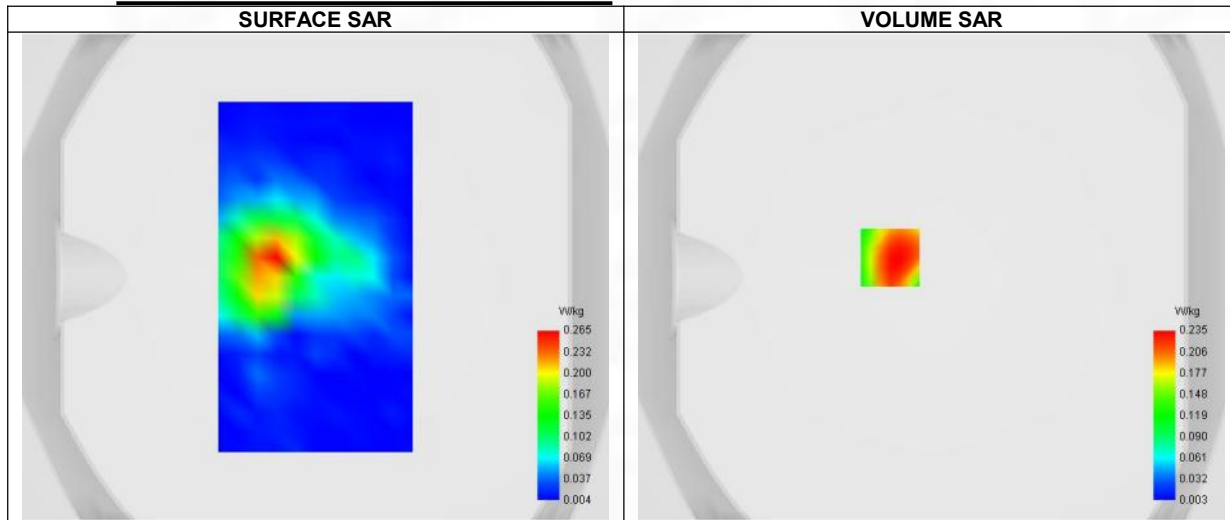
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.12
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2c
Channels/Frequency	Higher (140)/ frequency 5700.000 Mhz
Signal	IEEE 802.11 n

B. Permittivity

Middle TX Frequency (MHz)	5700.000
Relative permittivity (real part)	35.395
Relative permittivity (imaginary part)	16.448
Conductivity (S/m)	5.210

C. SAR Surface and Volume

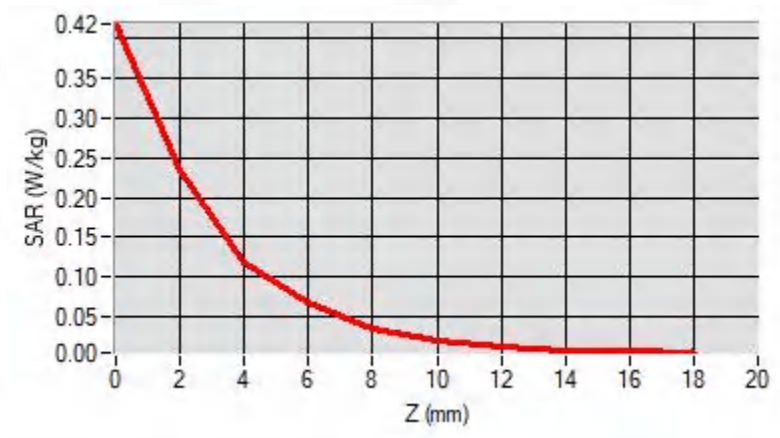


D. SAR 1g & 10g

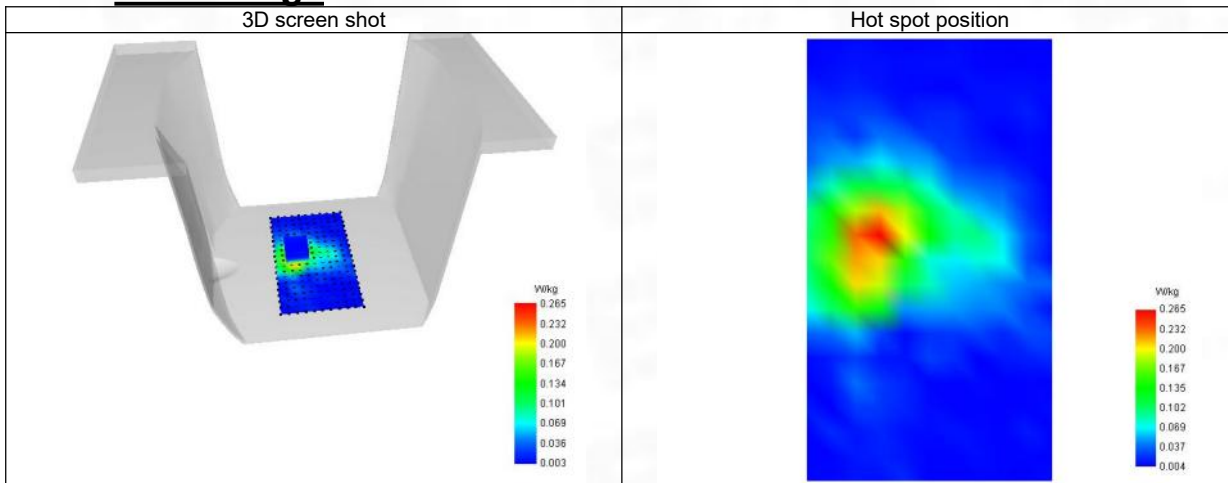
SAR 10g (W/Kg)	0.055
SAR 1g (W/Kg)	0.143
Variation (%)	-3.000
Horizontal validation criteria: minimum distance (mm)	17.888
Vertical validation criteria: SAR ratio M2/M1 (%)	50.21%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.418	0.235	0.118	0.068	0.036	0.019	0.012	0.008	0.006



F. 3D Image



51-Head with front position in dist. 0mm on Channel 151 in IEEE 802.11n U-NII

SAR Measurement at U-NII-2 (Cheek, Right)

Date of measurement: 15/5/2025

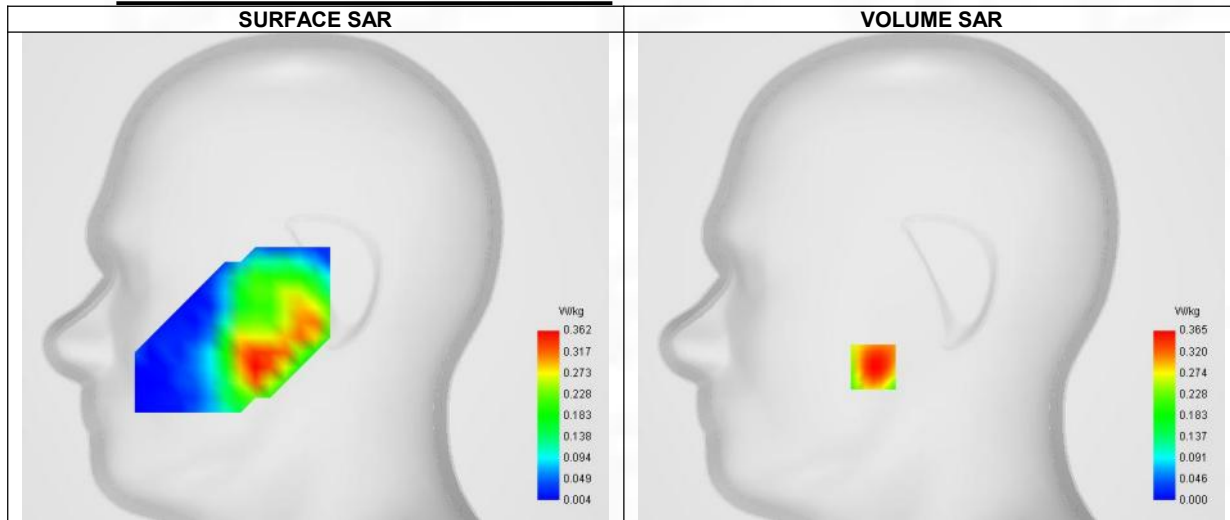
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.14
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	U-NII-2
Channels/Frequency	Lower (151)/ frequency 5755.000 Mhz
Signal	IEEE 802.11 n

B. Permittivity

Middle TX Frequency (MHz)	5755.000
Relative permittivity (real part)	35.354
Relative permittivity (imaginary part)	16.473
Conductivity (S/m)	5.271

C. SAR Surface and Volume



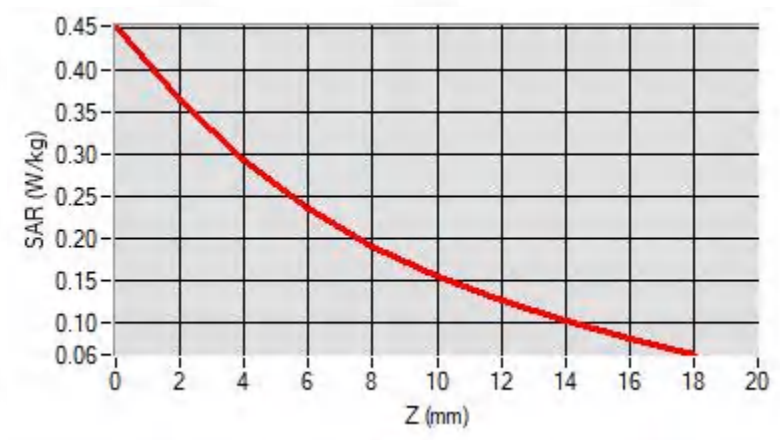
Maximum location: X=-31.00, Y=-48.00 ; SAR Peak: 0.78 W/kg

D. SAR 1g & 10g

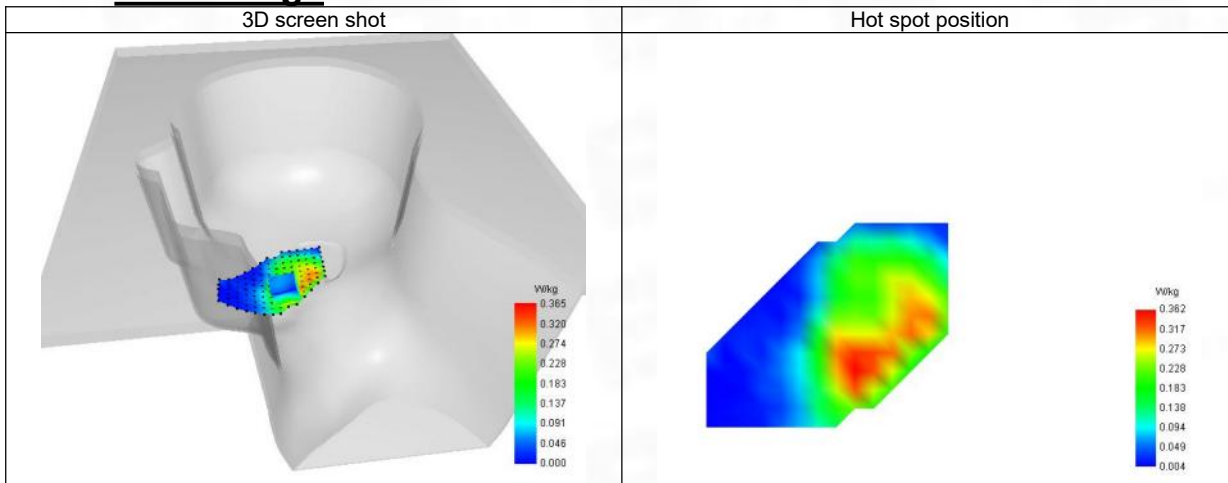
SAR 10g (W/Kg)	0.180
SAR 1g (W/Kg)	0.343
Variation (%)	-2.510
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	77.81%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.453	0.365	0.284	0.236	0.191	0.154	0.125	0.100	0.080



F. 3D Image



52-Body with back position in dist. 10mm on Channel 151 in IEEE 802.11n U-NII

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

Date of measurement: 15/5/2025

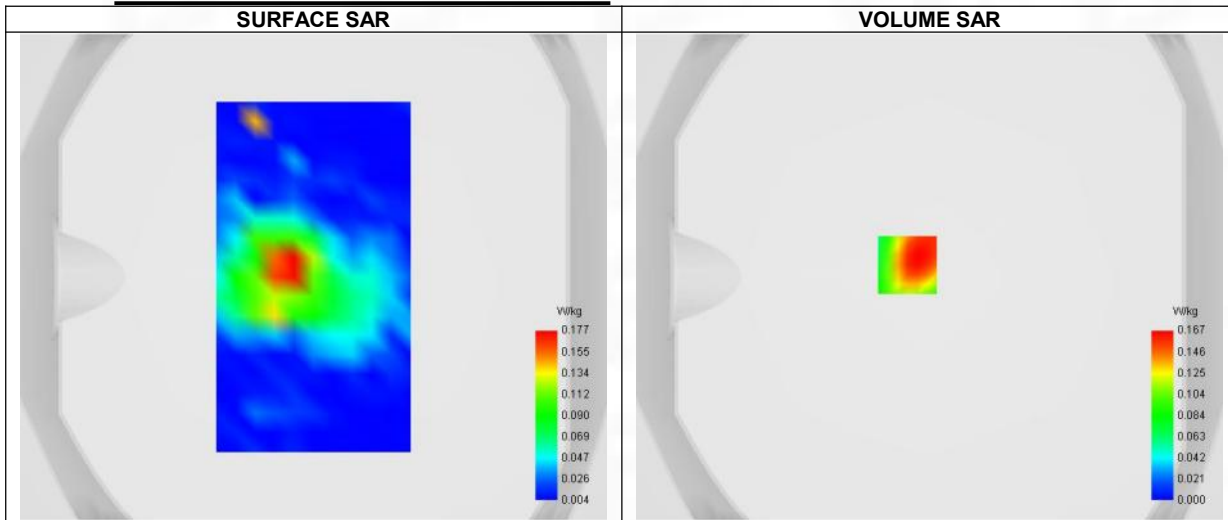
A. Experimental conditions.

Probe	0125-EPGO-445
ConvF	1.11
Area Scan	dx=8mm dy=8mm, Complete
Zoom Scan	7x7x12, dx=4mm dy=4mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-2
Channels/Frequency	Lower (151)/ frequency 5755.000 Mhz
Signal	IEEE 802.11 n

B. Permittivity

Middle TX Frequency (MHz)	5755.000
Relative permittivity (real part)	35.354
Relative permittivity (imaginary part)	16.473
Conductivity (S/m)	5.271

C. SAR Surface and Volume

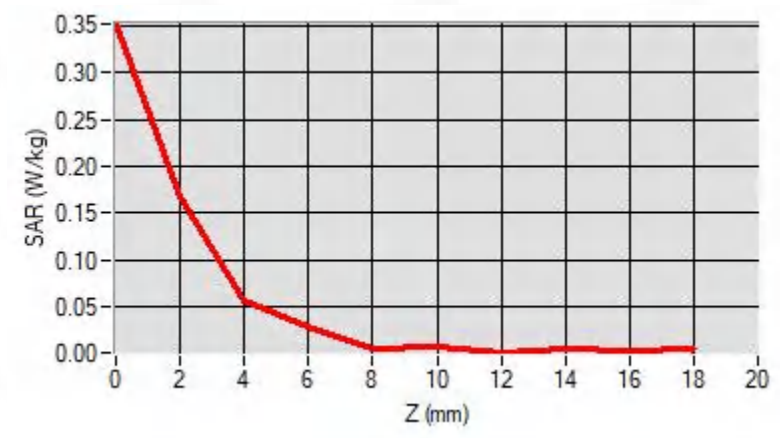


D. SAR 1g & 10g

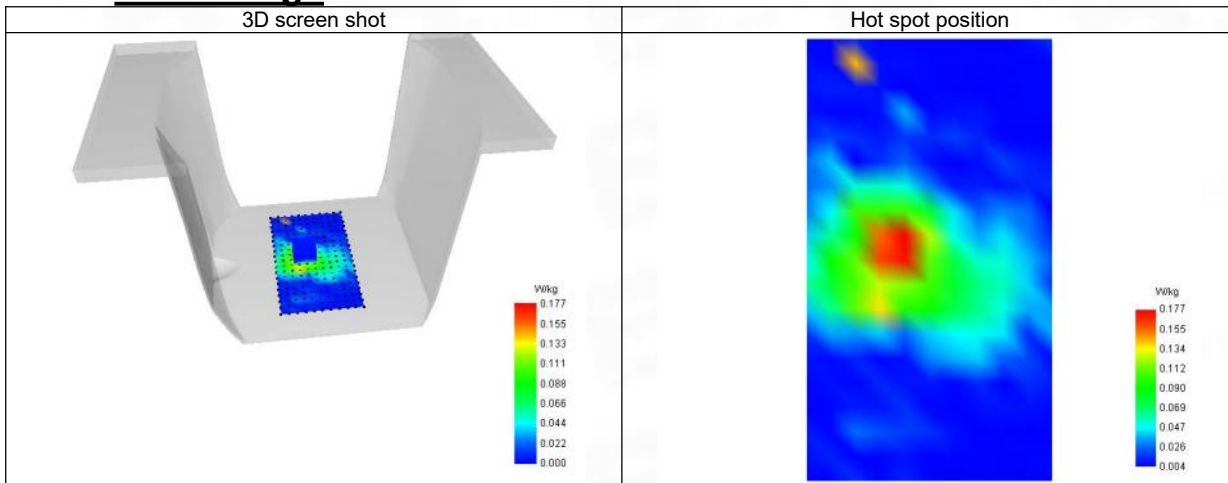
SAR 10g (W/Kg)	0.082
SAR 1g (W/Kg)	0.167
Variation (%)	-2.930
Horizontal validation criteria: minimum distance (mm)	16.492
Vertical validation criteria: SAR ratio M2/M1 (%)	39.52%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.351	0.167	0.066	0.028	0.006	0.007	0.001	0.006	0.004



F. 3D Image



53-Head with front position in dist. 0mm on Channel 39 in Bluetooth

SAR Measurement at Bluetooth (Cheek, Right)

Date of measurement: 12/5/2025

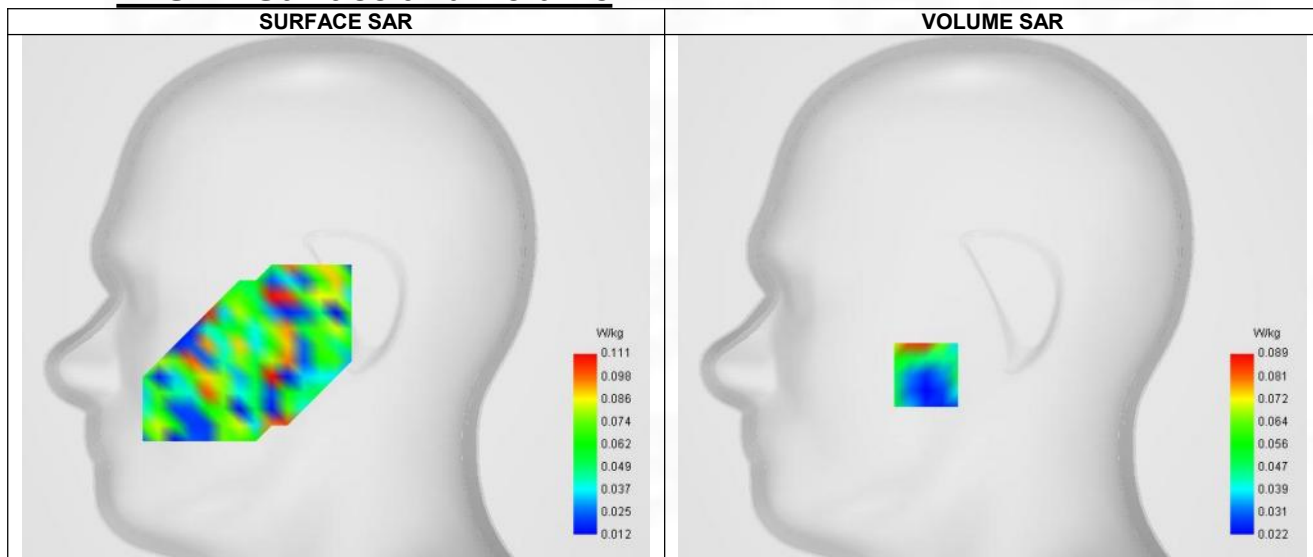
A. Experimental conditions.

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	Bluetooth
Channels	Higher (39)/ frequency 2480.000 Mhz
Signal	Bluetooth

B. Permittivity

Frequency (MHz)	2480.000
Relative permittivity (real part)	39.428
Relative permittivity (imaginary part)	13.063
Conductivity (S/m)	1.818

C. SAR Surface and Volume



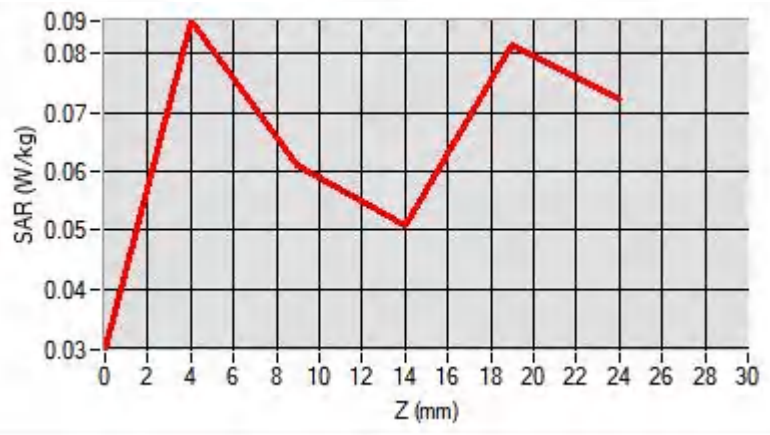
Maximum location: X=-33.00, Y=-39.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

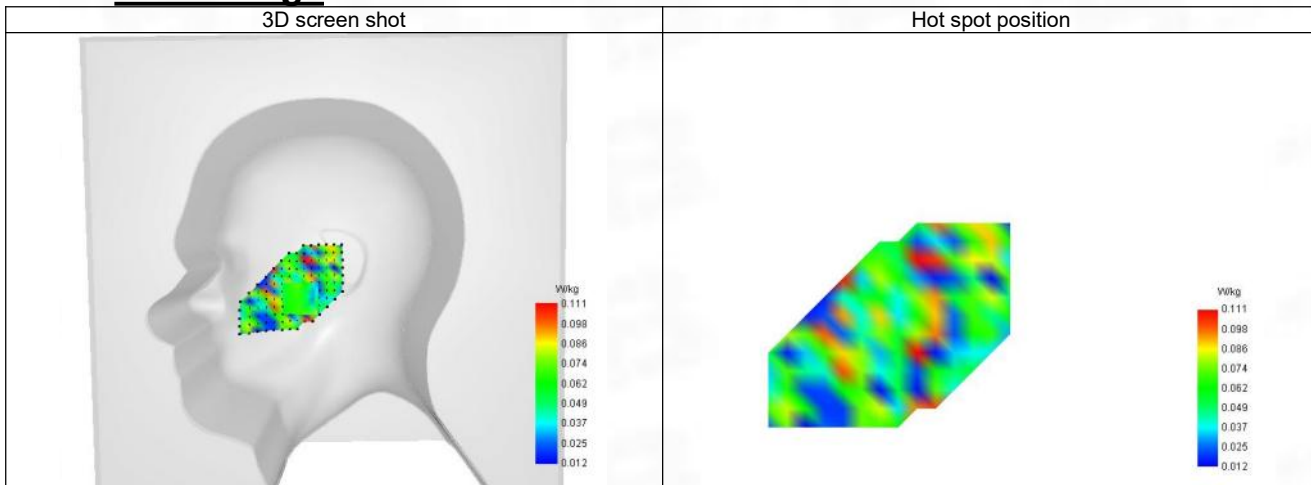
SAR 10g (W/Kg)	0.059
SAR 1g (W/Kg)	0.074
Variation (%)	4.060
Horizontal validation criteria: minimum distance (mm)	16.000
Vertical validation criteria: SAR ratio M2/M1 (%)	70.93%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.030	0.086	0.061	0.051	0.081



F. 3D Image



54-Body with back position in dist. 10mm on Channel 39 in Bluetooth

SAR Measurement at Bluetooth (Body, Validation Plane)

Date of measurement: 12/5/2025

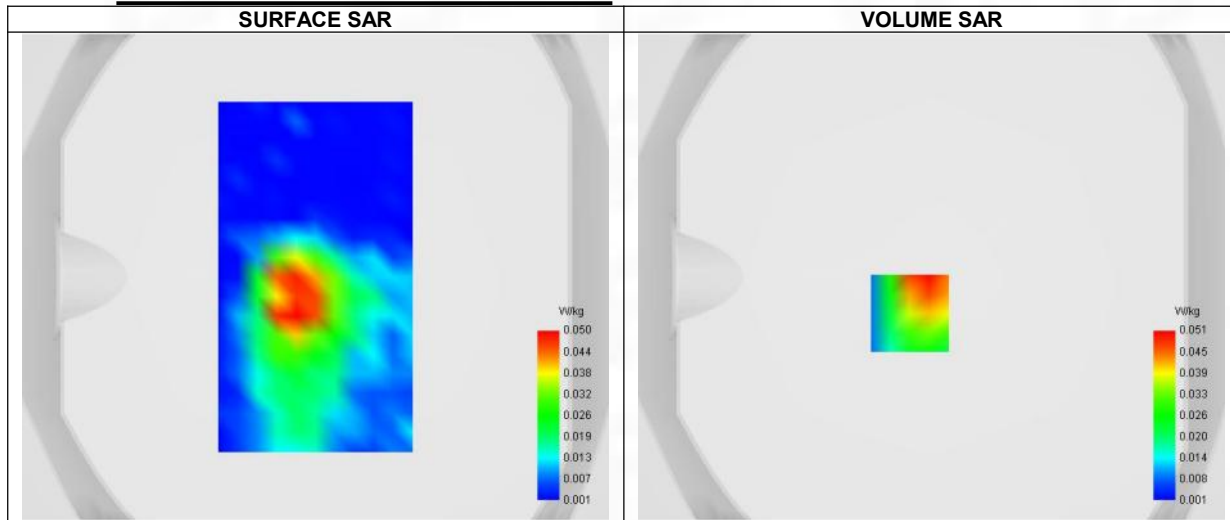
A. Experimental conditions.

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	Bluetooth
Channels/Frequency	Higher (39)/ frequency 2480.000 Mhz
Signal	Bluetooth

B. Permittivity

Middle TX Frequency (MHz)	2480.000
Relative permittivity (real part)	39.428
Relative permittivity (imaginary part)	13.063
Conductivity (S/m)	1.818

C. SAR Surface and Volume



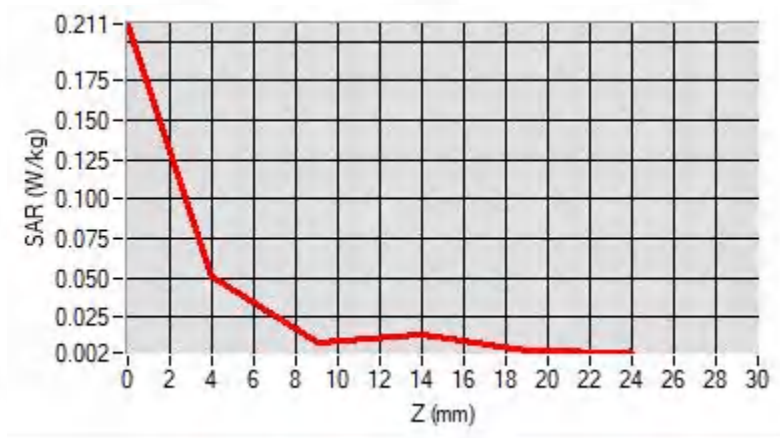
Maximum location: X=-9.00, Y=-15.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

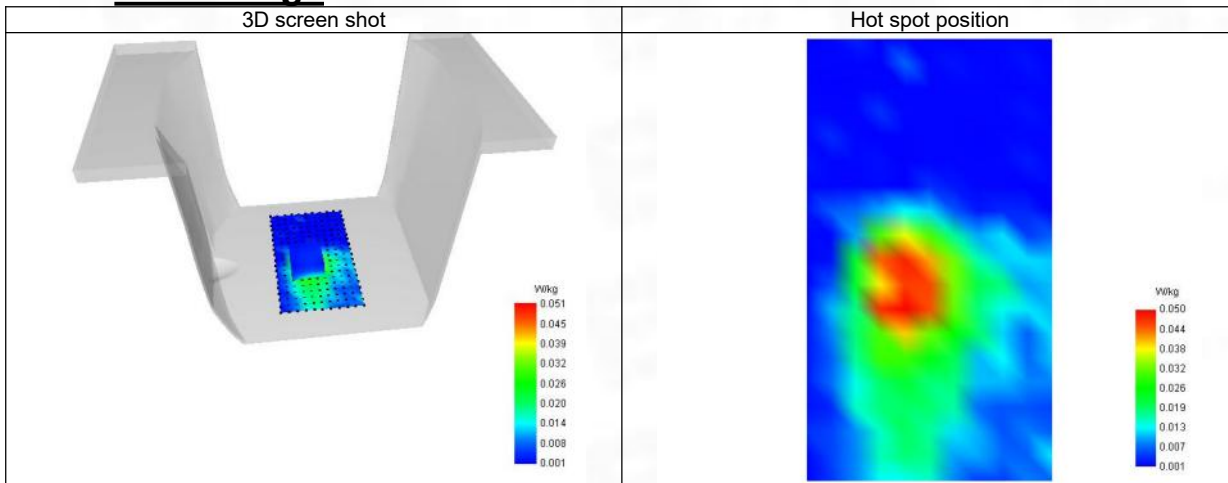
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.048
Variation (%)	2.570
Horizontal validation criteria: minimum distance (mm)	8.000
Vertical validation criteria: SAR ratio M2/M1 (%)	52.59%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.211	0.051	0.012	0.013	0.004

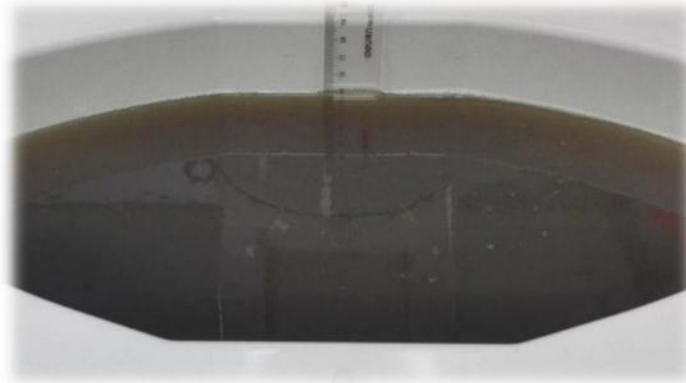


F. 3D Image

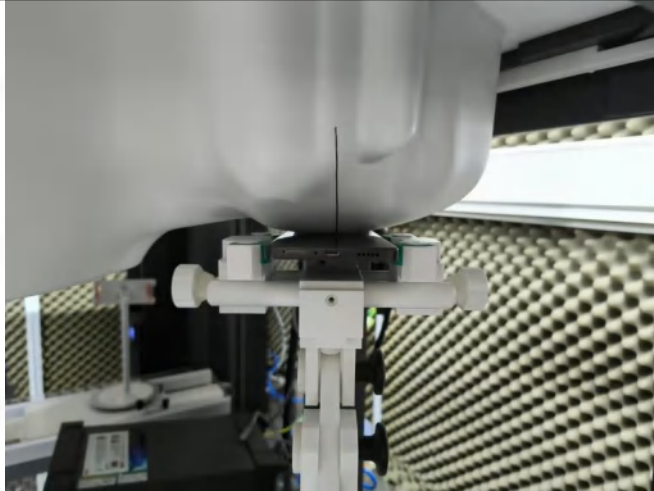


ANNEX E SAR Test Setup Photos

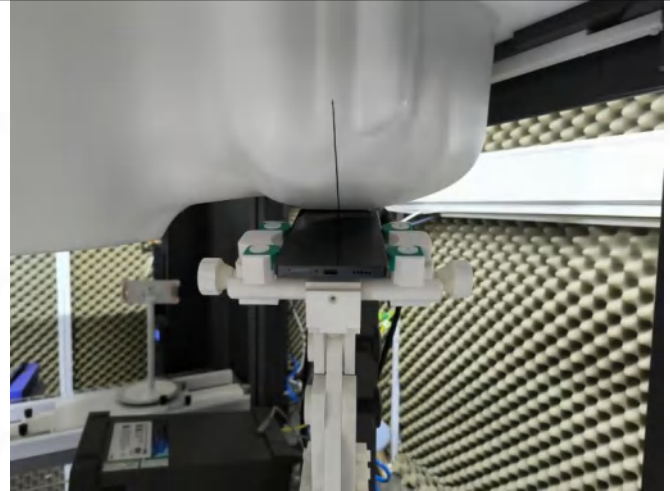
Reference Photo: simulation liquid depth 15cm



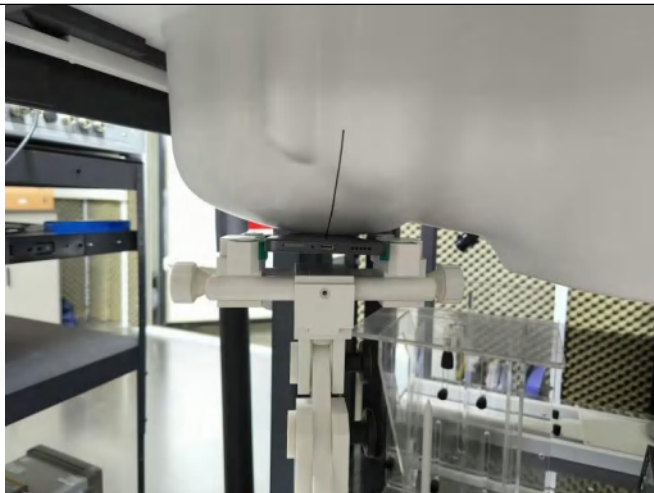
Reference Photos



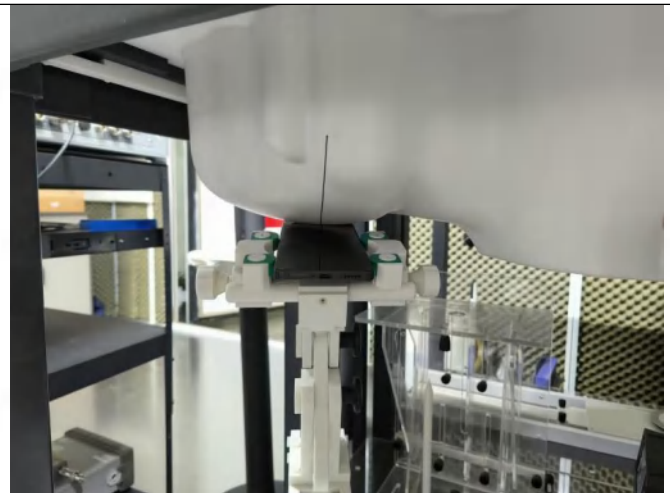
Left Head - Cheek



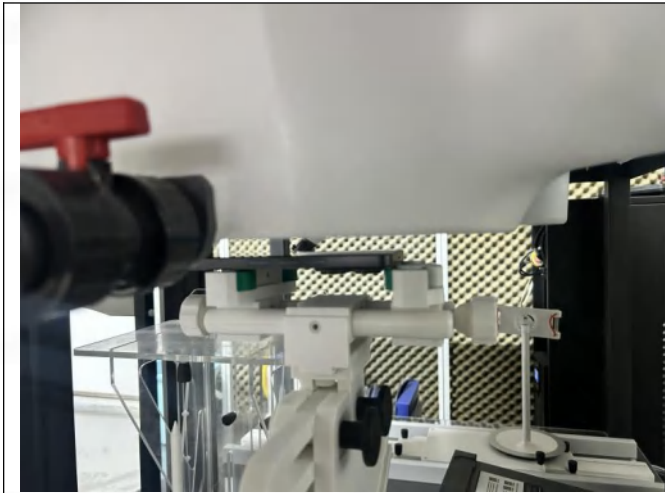
Left Head - Tilt



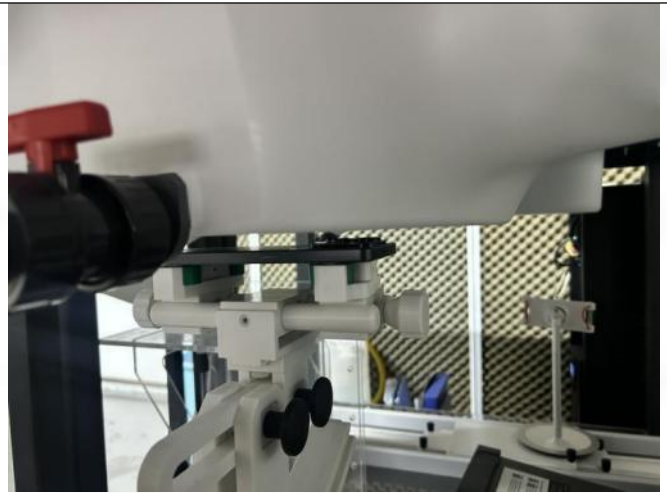
Right Head - Cheek



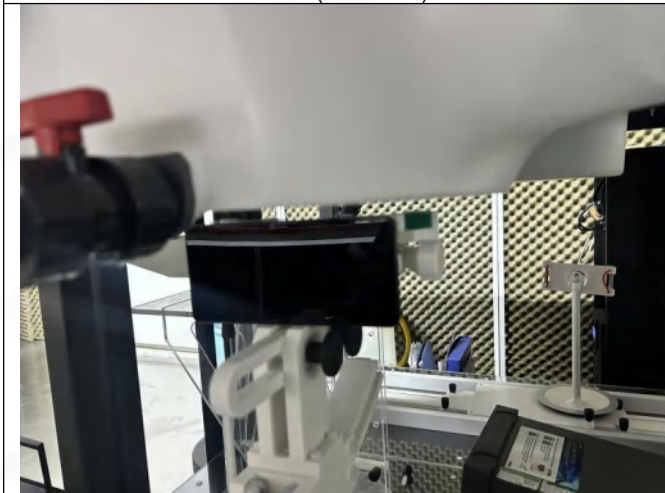
Right Head - Tilt



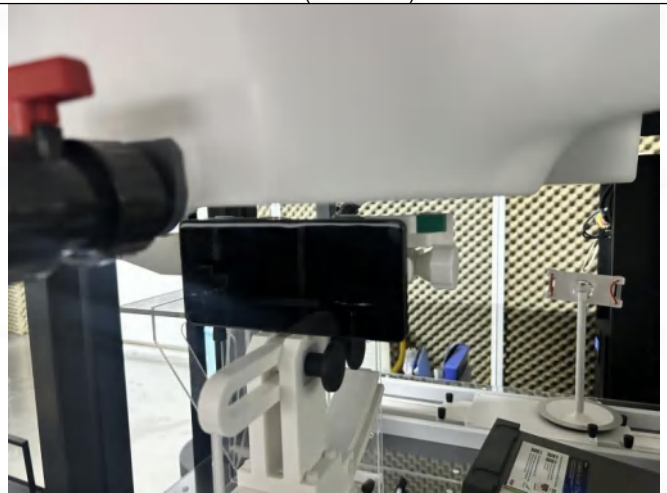
Front (dist. 10mm)



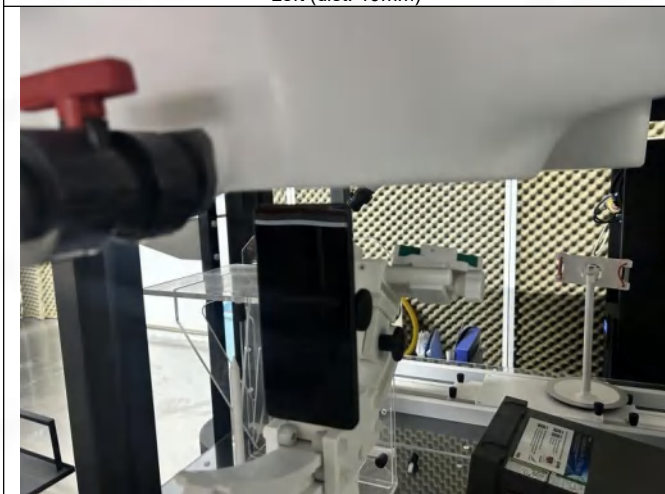
Back (dist. 10mm)



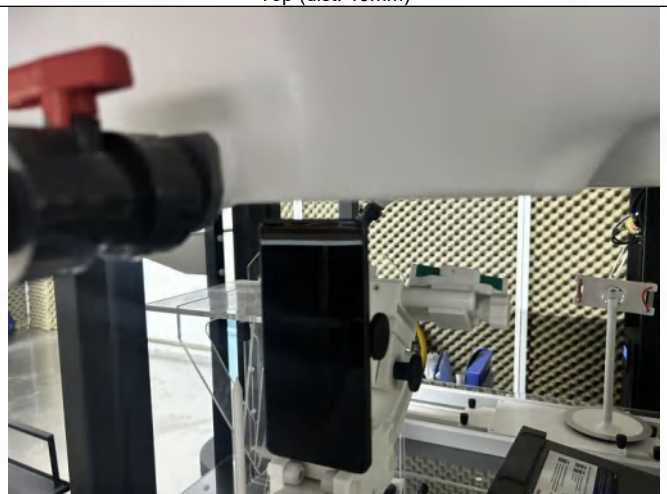
Left (dist. 10mm)



Top (dist. 10mm)



Top (dist. 10mm)



Bottom (dist. 10mm)

ANNEX F EUT External and Internal Photos

Please refer to RF Report.

ANNEX G Calibration Information

Please refer to the document "Calibration.pdf".



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--END OF REPORT--