TEST REPORT

No.I22N01222-SAR

For

TCL Communication Ltd.

GSM/UMTS/LTE/NR mobile phone

Model Name: T771A

With

Hardware Version: 05

Software Version: HR1J-3

FCC ID: 2ACCJH169

Issued Date: 2022-09-29

Designation Number: CN1210

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22N01222-SAR	Rev.0	1st edition	2022-09-29

CONTENTS

1. Summary of Test Report

1.1. Test Items

Description:	GSM/UMTS/LTE/NR mobile phone
Model Name:	T771A
Applicant's Name:	TCL Communication Ltd.
Manufacturer's Name:	TCL Communication Ltd.

1.2. Test Standards

ANSI C95.1:1992, IEEE 1528:2013

1.3. Test Result

Pass. Please refer to "13. Summary of Test Results"

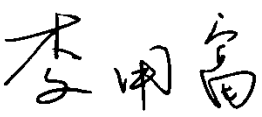
1.4. Testing Location

Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China

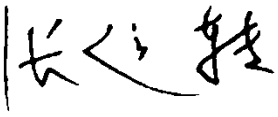
1.5. Project Data

Testing Start Date: 2022-08-28 Testing End Date: 2022-09-20

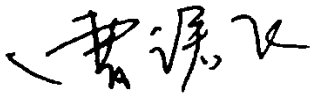
1.6. Signature



Li Yongfu
(Prepared this test report)



Zhang Yunzhuan
(Reviewed this test report)



Cao Junfei
(Approved this test report)

2. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for TCL Communication Ltd. GSM/UMTS/LTE/NR mobile phone T771A are as follows:

Table 2.1: Highest Reported SAR (1g)

Equipment Class	Frequency Bands	1g SAR (W/Kg)		
		Head (Separation Distance 0mm)	Hotspot (Separation Distance 10mm)	Body-worn (Separation Distance 10/15mm)
PCE	GSM 850	0.93	0.68	0.47
	GSM 1900	1.00	0.61	**0.61**
	WCDMA Band 2	0.57	0.36	0.24
	WCDMA Band 4	0.89	0.50	0.46
	WCDMA Band 5	1.03	0.60	0.38
	LTE Band 7	**1.12**	**0.97**	0.38
	LTE Band 12/17	0.71	0.44	0.38
	LTE Band 13	0.86	0.37	0.32
	LTE Band 25/2	0.78	0.38	0.21
	LTE Band 26/5	0.79	0.32	0.27
	LTE Band 41/38	0.89	0.80	0.44
	LTE Band 42	1.10	0.62	0.41
	LTE Band 48	0.71	0.62	0.37
	LTE Band 66/4	0.75	0.61	0.40
	NR n7 (NSA)	0.52	0.54	0.54
	NR n66 (NSA)	0.57	0.50	0.50
	NR n78 (NSA)	0.59	0.57	0.54
DSS	Bluetooth	0.10	0.02	0.02
DTS	WLAN 2.4GHz	1.08	0.24	0.24
NII	WLAN 5GHz	0.51	0.36	0.11

Table 2.2: Highest Reported SAR (10g)

Equipment Class	Frequency Bands	Extremity 10g SAR (W/Kg) (Separation Distance 0mm)
NII	WLAN 5GHz	**0.58**

The SAR values found for the Mobile Phone are below the maximum recommended levels of 1.6 W/Kg as averaged over any 1g tissue according to the ANSI C95.1-1992.

The measurement together with the test system set-up is described in annex C of this test report. A detailed description of the equipment under test can be found in chapter 4 of this test report.

The highest reported SAR value is obtained at the case of **(Table 2.1 & 2.2)**, Head value is **1.12 W/kg (1g)**, Hotspot value is **0.97 W/kg (1g)**, Body-worn value is **0.61 W/kg (1g)** and Extremity SAR value is **0.58 W/kg (10g)**.

Table 2.3: Maximum Simultaneous Transmission SAR

/	Position	Sum (W/kg)
Highest reported SAR value for Head	Left Tilt (LTE Band 42 + WLAN 5GHz)	**1.32**
Highest reported SAR value for Hotspot	Rear Side (DC_38A_n78A + WLAN 5GHz)	**1.38**
Highest reported SAR value for Body-worn	Rear Side (DC_2A_n7A/DC_2A_n78A + WLAN 2.4GHz)	**1.21**

Note: the test positions of above tables are for the worse case that has been evaluated.

According to the above tables, the highest sum of reported SAR values is **1.38 W/kg (1g)**.

The detail for simultaneous transmission consideration is described in chapter 12.

3. Client Information

3.1. Applicant Information

Company Name:	TCL Communication Ltd.
Address:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT
City:	Hong Kong
Country:	China
Telephone:	+86 755 3661 1621

3.2. Manufacturer Information

Company Name:	TCL Communication Ltd.
Address:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT
City:	Hong Kong
Country:	China
Telephone:	+86 755 3661 1621

4. Equipment under Test (EUT) and Ancillary Equipment (AE)

4.1. About EUT

Description:	GSM/UMTS/LTE/NR mobile phone
Model Name:	T771A
Condition of EUT as received:	No obvious damage in appearance
Frequency Bands:	GSM 850/1900, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/17/25/26/38/41/42/48/66, NR n7/n66/n78, Bluetooth, WLAN 2.4GHz, WLAN 5GHz
Tested Tx Frequency:	824 – 849MHz (GSM850)
	1850 – 1910MHz (GSM 1900)
	1850 – 1910MHz (WCDMA Band 2)
	1710 – 1755MHz (WCDMA Band 4)
	824 – 849MHz (WCDMA Band 5)
	1850 – 1910MHz (LTE Band 2)
	1700 – 1755MHz (LTE Band 4)
	824 – 849MHz (LTE Band 5)
	2500 – 2570MHz (LTE Band 7)
	699 – 716MHz (LTE Band 12)
	777 – 787MHz (LTE Band 13)
	704 – 716MHz (LTE Band 17)
	1850 – 1915MHz (LTE Band 25)
	814 – 849MHz (LTE Band 26)
	2570 – 2620MHz (LTE Band 38)
	2496 – 2690MHz (LTE Band 41)
	3450– 3550MHz (LTE Band 42)
	3550– 3700MHz (LTE Band 48)
	1710 – 1780MHz (LTE Band 66)
	2500 – 2570MHz (NR n7)
	1710 – 1780MHz (NR n66)
	3450 – 3550MHz (NR n78)
	2402 – 2480MHz (Bluetooth)
	2412 – 2462MHz (WLAN 2.4GHz)
	5150 – 5850MHz (WLAN 5GHz)
Test device Production information:	Production unit
Device type:	Portable device
Antenna type:	Embedded antenna
Hotspot mode:	Support
Product Dimensions:	Long 164.2mm;Wide 75.5mm;Overall Diagonal 175.1mm
Remark: 1. This device does not support DTM operation. 2. This device WLAN 5GHz U-NII-2A and U-NII-2C don’t support hotspot operation.	

4.2. Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version	Receipt Date
UT11aa	356613230200677	05	HR1J-3	2022-08-23
UT12aa	356613230200537	05	HR1J-3	2022-08-23
UT13aa	356613230200685	05	HR1J-3	2022-08-23
UT14aa	356613230200636	05	HR1J-3	2022-08-23
UT18aa	356613230200669	05	HR1J-3	2022-08-23

*EUT ID: is used to identify the test sample in the lab internally.

Note: It is performed to test SAR with the UT12aa & UT13aa & UT14aa & UT18aa, and conducted power with the UT11aa.

4.3. Internal Identification of AE used during the test

AE ID*	Description	Model	Manufacturer
AE1	Battery	TLp048A7	NINGBO VEKEN BATTERY CO., LTD
AE2	Battery	TLp048A1	Shenzhen BYD lithium BATTERY CO., LTD
AE3	Headset	CCB0049A12C1	JUWEI ELECTRONICS CO.,LTD
AE4	Headset	CCB0077B10C1	JUWEI ELECTRONICS CO.,LTD

*AE ID: is used to identify the test sample in the lab internally.

Note: The device has two types of batteries. We'll perform the main SAR measurement with AE1 battery and Spot check test with AE2 battery.

5. Test Methodology

5.1. Applicable Limit Regulations

ANSI C95.1:1992 IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

It specifies the maximum exposure limit of **1.6 W/kg** as averaged over any 1 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.

5.2. Applicable Measurement Standards

IEEE 1528:2013 Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Experimental Techniques.

KDB 447498 D01 General RF Exposure Guidance v06 RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices

KDB 648474 D04 Handset SAR v01r03 SAR Evaluation Considerations for Wireless Handsets.

KDB 941225 D01 SAR test for 3G devices v03r01 SAR Measurement Procedures for 3G Devices

KDB 941225 D05 SAR for LTE Devices v02r05 SAR Evaluation Considerations for LTE Devices

KDB 941225 D06 Hot Spot SAR v02r01 SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities

KDB 248227 D01 802.11 Wi-Fi SAR v02r02 SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitters.

KDB 865664 D01SAR measurement 100 MHz to 6 GHz v01r04 SAR Measurement Requirements for 100 MHz to 6 GHz

KDB 865664 D02 RF Exposure Reporting v01r02 RF Exposure Compliance Reporting and Documentation Considerations

KDB 941225 D07 UMPC Mini Tablet v01r02 SAR Evaluation Procedures for UMPC Mini-Tablet Devices

KDB 941225 D05A LTE Rel.10 KDB Inquiry Sheet v01r02: REL. 10 LTE SAR TEST GUIDANCE AND KDB INQUIRIES

TCB workshop May 2017: RF Exposure Procedures

TCB workshop October 2018: RF Exposure Procedures

TCB workshop April 2019: RF Exposure Procedures

TCB workshop November 2019: RF Exposure Policy Updates

TCB workshop April 2020: RF Exposure Policies and Procedures - Status

TCB workshop October 2020: RF Exposure Procedures

TCB workshop April 2022: RF Exposure Procedures

6. Specific Absorption Rate (SAR)

6.1. Introduction

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.

6.2. SAR Definition

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:

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

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

$$SAR = c(\frac{\delta T}{\delta t})$$

Where: C is the specific head capacity, δT is the temperature rise and δt is the exposure duration, or 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 tissue and E is the RMS electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.

7. Tissue Simulating Liquids

7.1. Targets for tissue simulating liquid

Table 7.1: Targets for tissue simulating liquid

Frequency (MHz)	Liquid Type	Conductivity (σ)	± 5% Range	Permittivity (ε)	± 5% Range
750	Head	0.89	0.85～0.93	41.9	39.8～44.0
835	Head	0.90	0.86～0.95	41.5	39.4～43.6
1750	Head	1.37	1.30～1.44	40.1	38.1～42.1
1900	Head	1.40	1.33～1.47	40.0	38.0～42.0
2450	Head	1.80	1.71～1.89	39.2	37.2～41.2
2550	Head	1.91	1.81～2.01	39.1	37.1～41.0
3500	Head	2.91	2.77～3.05	37.9	36.0～39.7
5250	Head	4.71	4.47～4.95	35.9	34.1～37.7
5600	Head	5.07	4.82～5.32	35.5	33.8～37.3
5750	Head	5.22	4.96～5.48	35.4	33.6～37.1

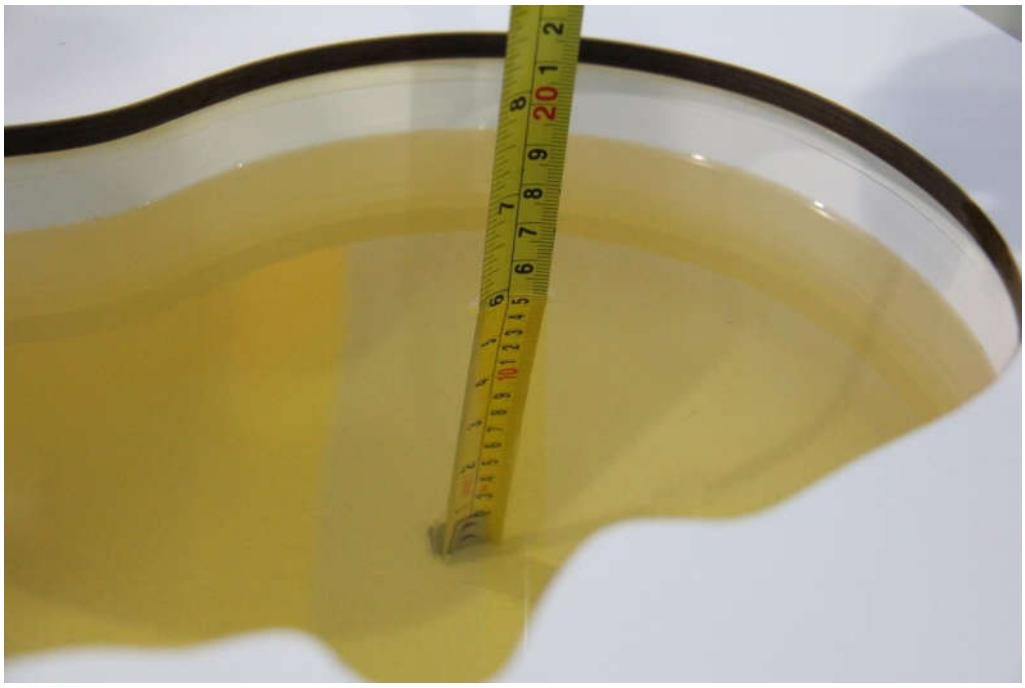
7.2. Dielectric Performance

Table 7.2: Dielectric Performance of Tissue Simulating Liquid

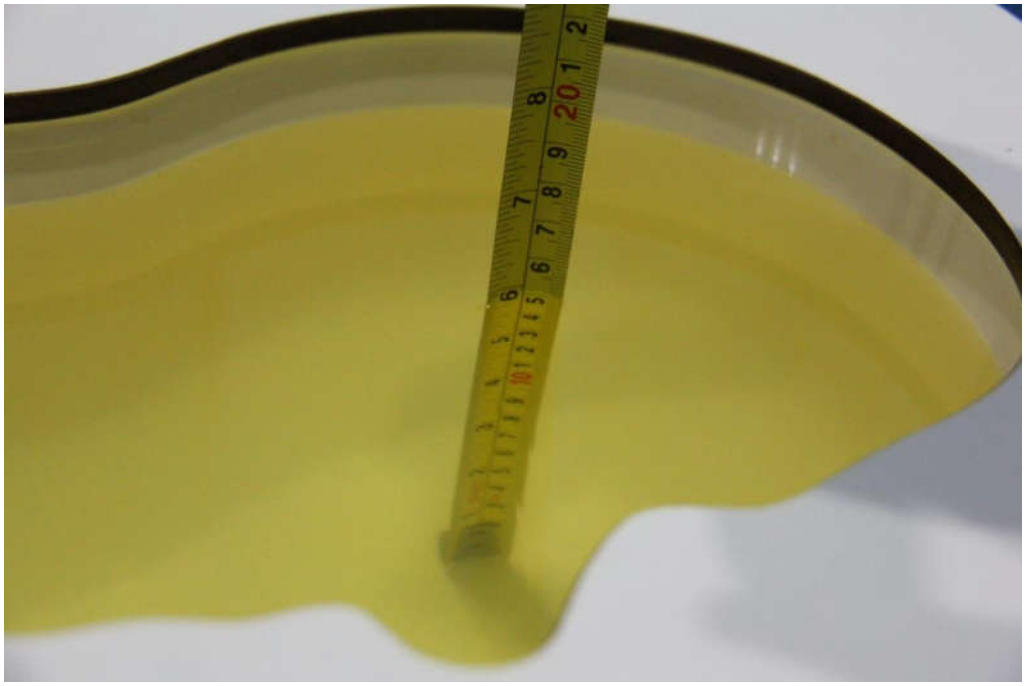
Measurement Date (yyyy-mm-dd)	Type	Frequency (MHz)	Conductivity σ (S/m)	Drift (%)	Permittivity ε	Drift (%)
2022-09-02	750	Head	0.881	-1.01	42.57	1.60
2022-09-05	835	Head	0.922	2.44	40.96	-1.30
2022-09-18	1750	Head	1.386	1.17	39.24	-2.14
2022-08-28	1900	Head	1.428	2.00	38.92	-2.70
2022-09-11	2450	Head	1.835	1.94	38.73	-1.20
2022-09-20	2550	Head	1.946	1.88	38.38	-1.84
2022-08-30	3500	Head	2.863	-1.62	38.49	1.56
2022-09-10	5250	Head	4.655	-1.17	36.41	1.42
2022-09-10	5600	Head	5.173	2.03	34.85	-1.83
2022-09-10	5750	Head	5.311	1.74	34.59	-2.29

Note: The liquid temperature is 22.0°C.

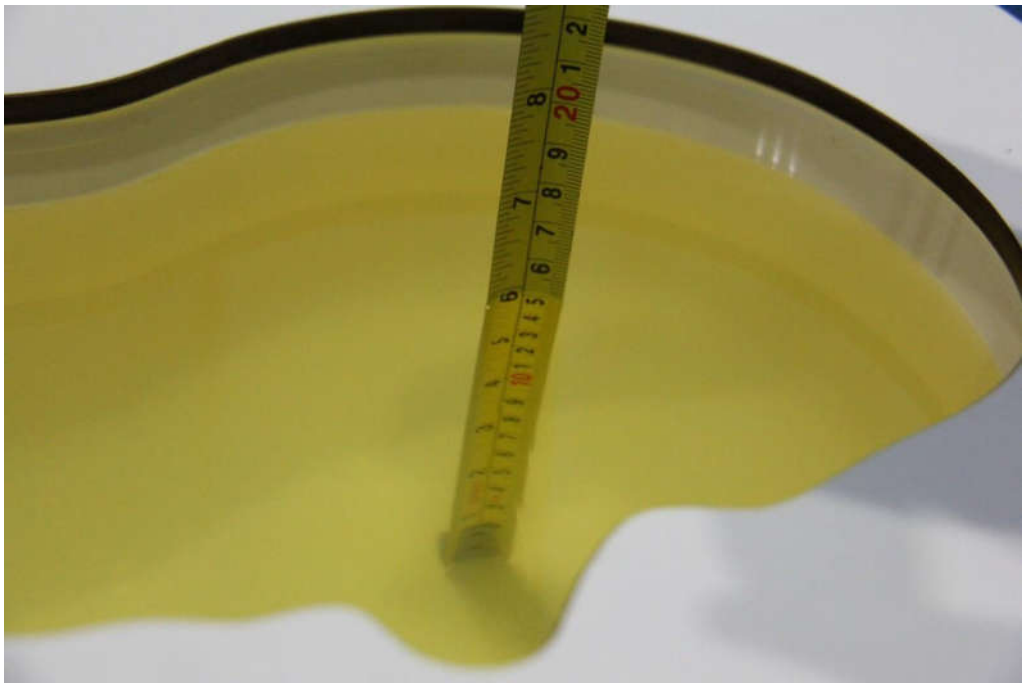
Picture 7-1: Liquid depth in the Head Phantom (750MHz)



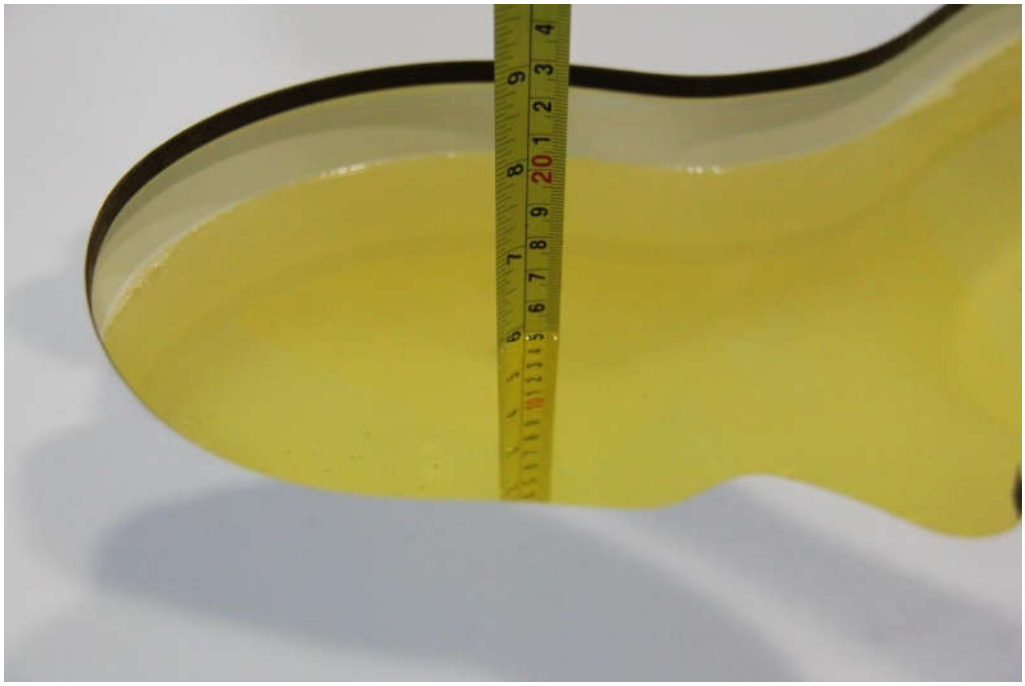
Picture 7-2: Liquid depth in the Head Phantom (835MHz)



Picture 7-3: Liquid depth in the Head Phantom (1750MHz)

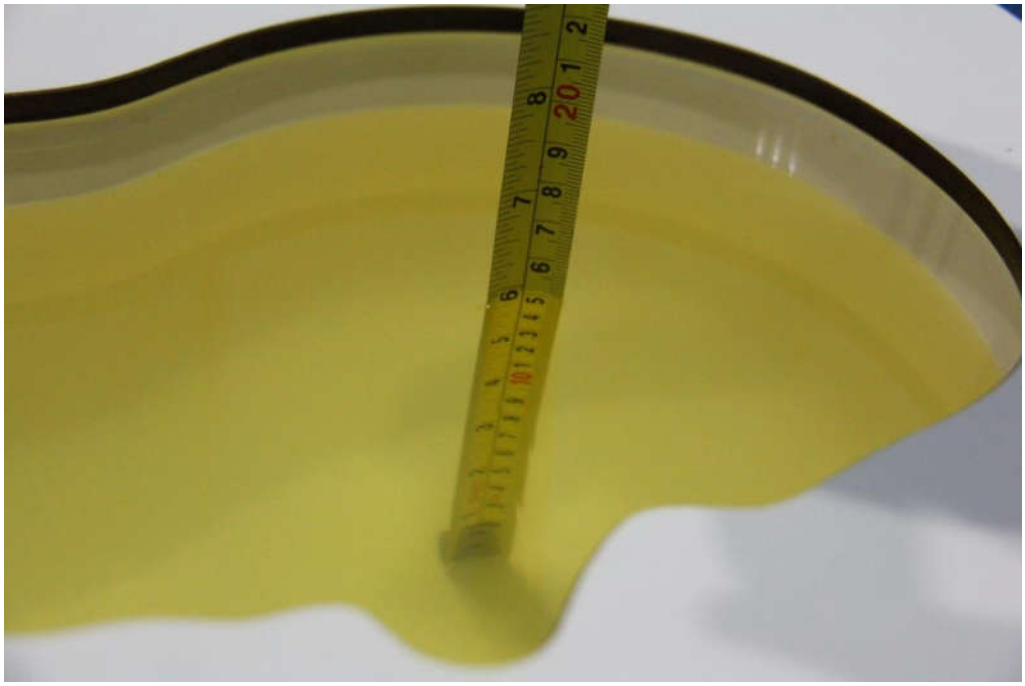


Picture 7-4: Liquid depth in the Head Phantom (1900MHz)



Picture 7-5: Liquid depth in the Head Phantom (2450MHz)

Picture 7-6: Liquid depth in the Head Phantom(2550MHz)



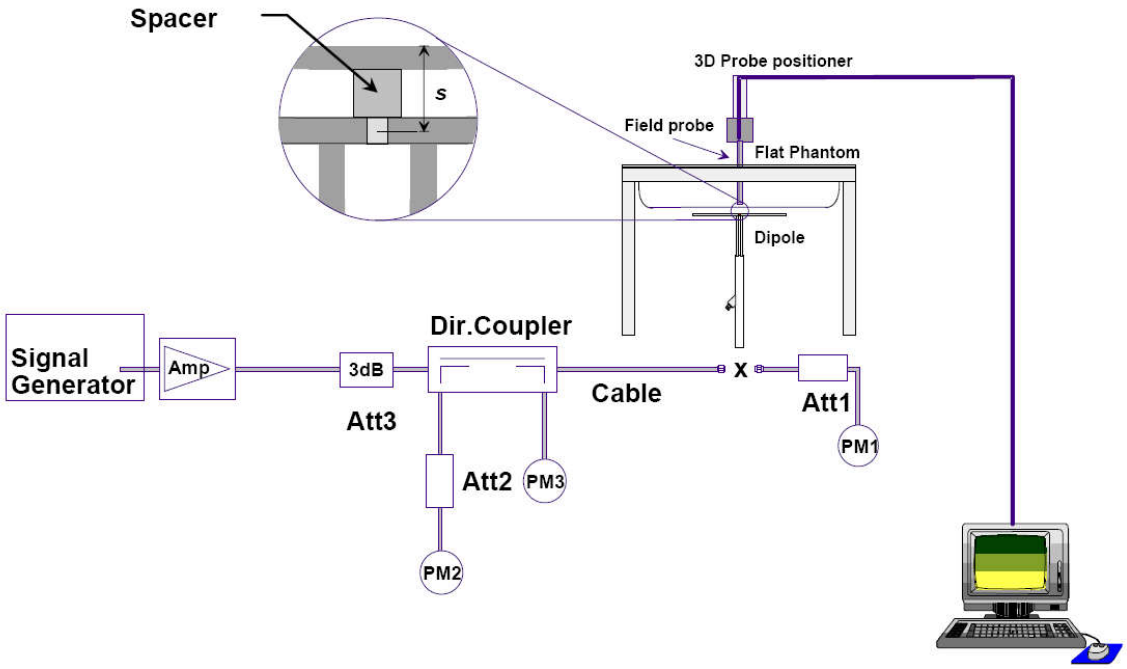
Picture 7-7: Liquid depth in the Head Phantom (3500MHz)

Picture 7-8: Liquid depth in the Head Phantom (5GHz)

8. System verification

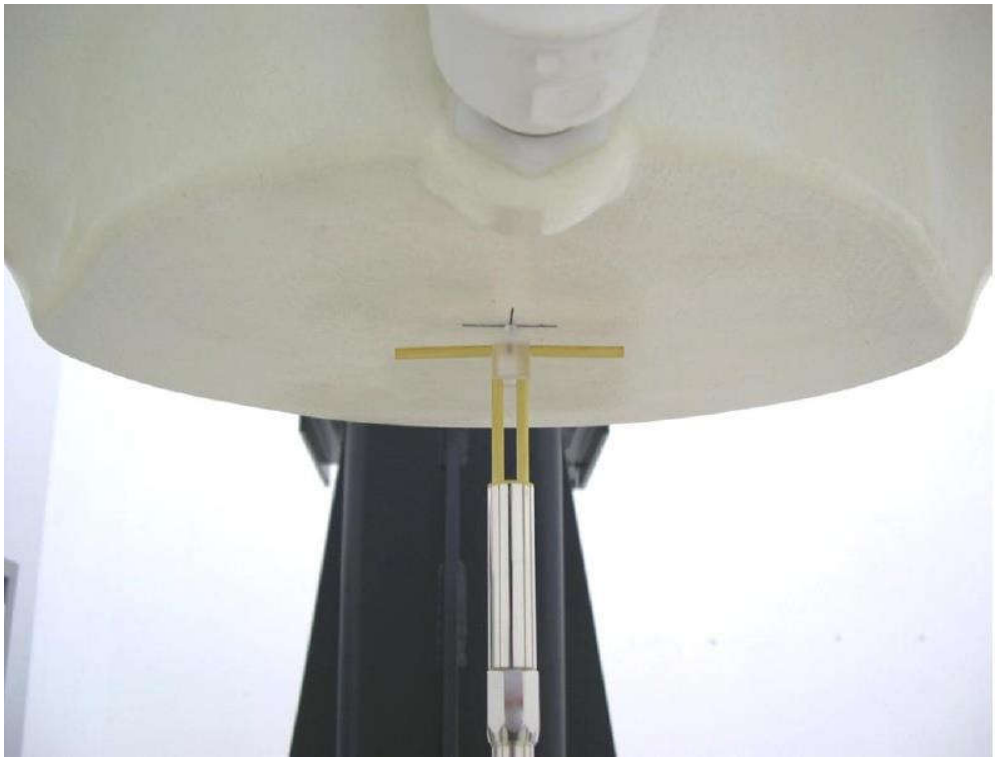
8.1. System Setup

In the simplified setup for system evaluation, the DUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



Picture 8.1 System Setup for System Evaluation

For the dipole below 3GHz, the output power on dipole port must be calibrated to 24 dBm (250mW) before dipole is connected.
For the dipole above 3GHz, the output power on dipole port must be calibrated to 20 dBm (100mW) before dipole is connected.



Picture 8.2 Photo of Dipole Setup

8.2. System Verification

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device.

Table 8.1: System Verification of Head

Measurement Date	Frequency (MHz)	Target value (W/kg)		Measured value (W/kg)				Deviation (%)	
				/		Normalize to 1W			
		10 g	1 g	10 g	1 g	10 g	1 g	10 g	1 g
2022-09-02	750	5.62	8.48	1.38	2.04	5.52	8.16	-1.78	-3.77
2022-09-05	835	6.29	9.64	1.61	2.49	6.44	9.96	2.38	3.32
2022-09-18	1750	19.60	36.30	4.99	9.43	19.96	37.72	1.84	3.91
2022-08-28	1900	20.50	40.20	5.28	10.5	21.12	42.00	3.02	4.48
2022-09-11	2450	24.20	53.20	6.17	13.8	24.68	55.20	1.98	3.76
2022-09-20	2550	25.20	55.90	6.48	14.6	25.92	58.40	2.86	4.47
2022-08-30	3500	25.20	66.80	2.49	6.51	24.90	65.10	-1.19	-2.54
2022-09-10	5250	22.80	79.70	2.24	7.72	22.40	77.20	-1.75	-3.14
2022-09-10	5600	23.60	82.60	2.40	8.56	24.00	85.60	1.69	3.63
2022-09-10	5750	22.10	78.50	2.26	8.18	22.60	81.80	2.26	4.20

9. Measurement Procedures

9.1. Tests to be performed

In order to determine the highest value of the peak spatial-average SAR of a handset, all device positions, configurations and operational modes shall be tested for each frequency band according to steps 1 to 3 below. A flowchart of the test process is shown in picture 9.1.

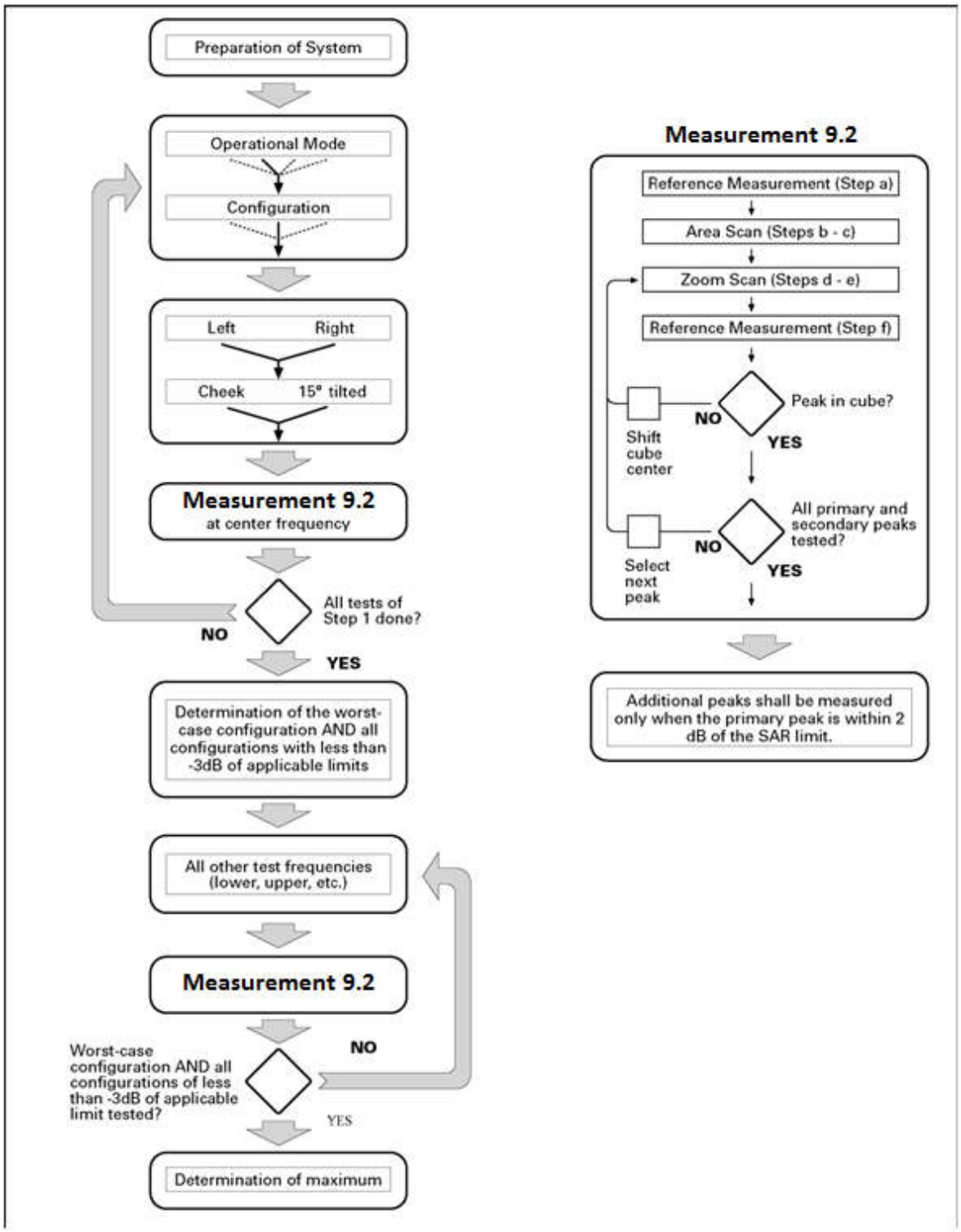
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the center of the transmit frequency band (f_c) for:

a) all device positions (cheek and tilt, for both left and right sides of the SAM phantom, as described in annex D),
b) all configurations for each device position in a), e.g., antenna extended and retracted, and
c) all operational modes, e.g., analogue and digital, for each device position in a) and configuration in b) in each frequency band.

If more than three frequencies need to be tested according to 11.1 (i.e., N_c > 3), then all frequencies, configurations and modes shall be tested for all of the above test conditions.

Step 2: For the condition providing highest peak spatial-average SAR determined in Step 1, perform all tests described in 9.2 at all other test frequencies, i.e., lowest and highest frequencies. In addition, for all other conditions (device position, configuration and operational mode) where the peak spatial-average SAR value determined in Step 1 is within 3 dB of the applicable SAR limit, it is recommended that all other test frequencies shall be tested as well.

Step 3: Examine all data to determine the highest value of the peak spatial-average SAR found in Steps 1 to 2.



Picture 9.1 Block diagram of the tests to be performed

9.2. General Measurement Procedure

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements and fully documented in SAR reports to qualify for TCB approval. Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2013. The results should be documented as part of the system validation records and may be requested to support test results when all the measurement parameters in the following table are not satisfied.

<table>
<tr><td colspan="3"></td><td>≤ 3 GHz</td><td>> 3 GHz</td></tr>
<tr><td colspan="3">Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5 ± 1 mm</td><td>½·δ·ln(2) ± 0.5 mm</td></tr>
<tr><td colspan="3">Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30° ± 1°</td><td>20° ± 1°</td></tr>
<tr><td colspan="3" rowspan="2">Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3 – 4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}</td><td>≤ 2 GHz: ≤ 8 mm
2 – 3 GHz: ≤ 5 mm*</td><td>3 – 4 GHz: ≤ 5 mm*
4 – 6 GHz: ≤ 4 mm*</td></tr>
<tr><td rowspan="3">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2">uniform grid: $\Delta z_{Zoom}(n)$</td><td>≤ 5 mm</td><td>3 – 4 GHz: ≤ 4 mm
4 – 5 GHz: ≤ 3 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="2">graded grid</td><td>$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface</td><td>≤ 4 mm</td><td>3 – 4 GHz: ≤ 3 mm
4 – 5 GHz: ≤ 2.5 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td>$\Delta z_{Zoom}(n>1)$: between subsequent points</td><td colspan="2">≤ 1.5·$\Delta z_{Zoom}(n-1)$</td></tr>
<tr><td>Minimum zoom scan volume</td><td colspan="2">x, y, z</td><td>≥ 30 mm</td><td>3 – 4 GHz: ≥ 28 mm
4 – 5 GHz: ≥ 25 mm
5 – 6 GHz: ≥ 22 mm</td></tr>
<tr><td colspan="5">Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
* When zoom scan is required and the <u>reported</u> SAR from the area scan based 1-g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.</td></tr>
</table>

9.3. WCDMA Measurement Procedures for SAR

The following procedures are applicable to WCDMA handsets operating under 3GPP Release99, Release 5 and Release 6. The default test configuration is to measure SAR with an established radio link between the DUT and a communication test set using a 12.2kbps RMC (reference measurement channel) configured in Test Loop Mode 1. SAR is selectively confirmed for other physical channel configurations (DPCCH & $DPDCH_n$), HSDPA and HSPA (HSUPA/HSDPA) modes according to output power, exposure conditions and device operating capabilities. Both uplink and downlink should be configured with the same RMC or AMR, when required. SAR for Release 5 HSDPA and Release 6 HSPA are measured using the applicable FRC (fixed reference channel) and E-DCH reference channel configurations. Maximum output power is verified according to applicable versions of 3GPP TS 34.121 and SAR must be measured according to these maximum output conditions. When Maximum Power Reduction (MPR) is not implemented according to Cubic Metric (CM) requirements for Release 6 HSPA, the following procedures do not apply.

For Release 5 HSDPA Data Devices:

Sub-test	β_c	β_d	β_d （SF）	β_c / β_d	β_{hs}	CM/dB
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15	15/15	64	12/15	24/25	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

For Release 6 HSPA Data Devices

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

9.4. SAR Measurement for LTE

SAR tests for LTE are performed with a base station simulator, Anristu MT8820C. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. All powers were measured with the Anristu MT8820C.It is performed for conducted power and SAR based on the KDB941225 D05.

SAR is evaluated separately according to the following procedures for the different test positions in each exposure condition – head, body, body-worn accessories and other use conditions. The procedures in the following subsections are applied separately to test each LTE frequency band.

1) QPSK with 1 RB allocation
   Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.
2) QPSK with 50% RB allocation
   The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.
3) QPSK with 100% RB allocation
   For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

9.5. LTE (TDD) Considerations

According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.
SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.

LTE TDD Band 38/41/42/48 support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.33
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33

Calculated Duty Cycle

Calculated Duty Cycle = Extended cyclic prefix in uplink x (Ts) x # of S + # of U
Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:
Calculated Duty Cycle = 5120 x [1/(15000 x 2048)] x 2 + 6 ms = 63.33%
Where
Ts = 1/(15000 x 2048) seconds

9.5. Bluetooth & WLAN Measurement Procedures for SAR

Normal network operating configurations are not suitable for measuring the SAR of 802.11 transmitters in general. Unpredictable fluctuations in network traffic and antenna diversity conditions can introduce undesirable variations in SAR results. The SAR for these devices should be measured using chipset based test mode software to ensure that the results are consistent and reliable.

Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in a test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters. The test frequencies should correspond to actual channel frequencies defined for domestic use. SAR for devices with switched diversity should be measured with only one antenna transmitting at a time during each SAR measurement, according to a fixed modulation and data rate. The same data pattern should be used for all measurements.

9.6. Power Drift

To control the output power stability during the SAR test, DASY5 system calculates the power drift by measuring the E-field at the same location at the beginning and at the end of the measurement for each test position. These drift values can be found in Section 14 labeled as: (Power Drift [dB]). This ensures that the power drift during one measurement is within 5%.

10. Conducted Output Power

Table 10.1: Summary of power level - WWAN antenna

Receiver on (Head)	Receiver off + Hotspot on (Hotspot)	Receiver off + Hotspot off (Body-Worn/ Extremity)
Power Level A1	Power Level B1	Power Level C1
(For ENDC mode)		
Receiver on (Head)	Receiver off + Hotspot on (Hotspot)	Receiver off + Hotspot off (Body-Worn/ Extremity)
Power Level A2	Power Level B2	Power Level C2

Table 10.2: Summary of power level - WLAN antenna

Receiver on (Head)	Receiver off + Hotspot on (Hotspot)	Receiver off + Hotspot off (Body-Worn/ Extremity)
Power Level D1	Power Level E1	Power Level F1
(For simultaneous transmission mode)		
Receiver on (Head)	Receiver off + Hotspot on (Hotspot)	Receiver off + Hotspot off (Body-Worn/ Extremity)
Power Level D2	Power Level E2	Power Level F2

10.1. GSM Measurement result

During the process of testing, the EUT was controlled via Agilent Digital Radio Communication tester (E5515C) to ensure the maximum power transmission and proper modulation. This result contains conducted output power for the EUT. In all cases, the measured peak output power should be greater and within 5% than EMI measurement.

Table 10.3: The conducted power measurement results for GSM / GPRS / EGPRS

Power Level A1/B1/C1								
GSM 850 Speech	Tune up	Measured Power (dBm)			calculation	Averaged Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx slot	32.8	**31.61**	**31.70**	**31.72**	/	/	/	/
GPRS850/ EGPRS850	/	Measured Power (dBm)			calculation	Averaged Power (dBm)		
		Ch.251	Ch.190	Ch.128	/	Ch.251	Ch.190	Ch.128
1Tx-slots	32.8	31.52	31.54	31.62	-9.03dB	22.49	22.51	22.59
2Tx-slots	31.5	30.75	30.78	30.92	-6.02dB	24.73	24.76	24.90
3Tx-slots	29.5	28.98	29.03	29.29	-4.26dB	24.72	24.77	25.03
4Tx-slots	28.5	**27.76**	**27.81**	**27.95**	-3.01dB	**24.75**	**24.80**	**24.94**
EGPRS 850 (8PSK)	/	Measured Power (dBm)			calculation	Averaged Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slots	27.5	26.57	26.67	27.02	-9.03dB	17.54	17.64	17.99
2Tx-slots	26.5	25.63	25.54	25.76	-6.02dB	19.61	19.52	19.74
3Tx-slots	24.5	23.59	23.52	23.67	-4.26dB	19.33	19.26	19.41
4Tx-slots	23.0	22.25	22.28	22.62	-3.01dB	19.24	19.27	19.61

Power Level A1/B1/C1								
GSM 1900 Speech	Tune up	Measured Power (dBm)			calculation	Averaged Power (dBm)		
		Ch.810	Ch.661	Ch.512		Ch.810	Ch.661	Ch.512
1Tx slot	30.5	**29.75**	**29.44**	**29.58**	/	/	/	/
GPRS1900/ EGPRS1900	/	Measured Power (dBm)			calculation	Averaged Power (dBm)		
		Ch.810	Ch.661	Ch.512	/	Ch.810	Ch.661	Ch.512
1Tx-slots	30.5	29.72	29.34	29.56	-9.03dB	20.69	20.31	20.53
2Tx-slots	29.5	29.15	28.79	29.02	-6.02dB	23.13	22.77	23.00
3Tx-slots	28.0	27.60	27.24	27.35	-4.26dB	23.34	22.98	23.09
4Tx-slots	27.0	**26.37**	**26.04**	**26.15**	-3.01dB	**23.36**	**23.03**	**23.14**
EGPRS1900 (8PSK)	/	Measured Power (dBm)			calculation	Averaged Power (dBm)		
		Ch.810	Ch.661	Ch.512		Ch.810	Ch.661	Ch.512
1Tx-slots	27.0	26.53	26.26	26.45	-9.03dB	17.50	17.23	17.42
2Tx-slots	26.0	25.49	25.38	25.45	-6.02dB	19.47	19.36	19.43
3Tx-slots	24.0	23.58	23.40	23.50	-4.26dB	19.32	19.14	19.24
4Tx-slots	23.0	22.54	22.45	22.46	-3.01dB	19.53	19.44	19.45

Notes:

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

According to the conducted power as above, the body measurements are performed with 4Tx slots for GSM850 and GSM1900.

10.2. WCDMA Measurement result

Table 10.4: The conducted power measurement results WCDMA

Power Level A1					
Item	band	WCDMA Band 2			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	\	19.5	**19.10**	**18.80**	**18.70**
HSUPA	1	17.5	16.70	16.30	17.20
	2	17.0	16.20	15.70	15.60
	3	18.0	17.10	16.80	16.70
	4	17.0	15.70	15.30	15.20
	5	18.0	17.10	16.70	16.60
HSDPA	1	19.0	18.20	17.80	17.70
	2	19.0	18.20	17.80	17.70
	3	18.5	17.70	17.30	17.20
	4	18.5	17.70	17.30	17.20
DC-HSDPA	1	19.0	18.30	17.70	17.50
	2	19.0	18.20	17.60	17.40
	3	18.5	17.50	17.40	17.20
	4	18.5	17.40	17.30	17.20
Power Level B1					
Item	band	WCDMA Band 2			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	\	21.5	**20.90**	**20.60**	**20.40**
HSUPA	1	19.5	18.70	18.40	18.20
	2	19.0	18.20	17.80	17.70
	3	20.0	19.20	18.90	18.70
	4	19.0	17.80	17.30	17.30
	5	20.0	19.20	18.70	18.80
HSDPA	1	21.0	20.00	19.60	19.60
	2	21.0	20.00	19.70	19.60
	3	20.5	19.70	19.20	19.30
	4	20.5	19.70	19.20	19.30
DC-HSDPA	1	21.0	19.90	19.70	19.60
	2	21.0	19.80	19.70	19.50
	3	20.5	19.60	19.40	19.20
	4	20.5	19.50	19.40	19.30

Power Level C1					
Item	band	WCDMA Band 2			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	\	23.0	**22.50**	**22.20**	**22.00**
HSUPA	1	21.0	20.10	19.80	19.60
	2	20.5	19.70	19.20	19.30
	3	21.5	20.70	20.30	20.20
	4	20.5	19.40	18.90	18.90
	5	21.5	20.70	20.10	20.00
HSDPA	1	22.5	21.60	21.20	21.10
	2	22.5	21.60	21.20	21.20
	3	22.0	21.20	20.80	20.70
	4	22.0	21.10	20.80	20.70
DC-HSDPA	1	22.5	21.60	21.00	20.80
	2	22.5	21.50	21.00	20.70
	3	22.0	21.20	20.80	20.50
	4	22.0	21.20	20.60	20.40
Power Level A1					
Item	band	WCDMA Band 4			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	\	19.5	**19.00**	**19.00**	**18.90**
HSUPA	1	17.5	16.20	16.20	16.30
	2	17.0	15.70	15.70	15.80
	3	18.0	16.70	16.80	16.90
	4	17.0	15.20	15.10	15.30
	5	18.0	16.70	16.80	16.80
HSDPA	1	19.0	18.00	18.00	17.90
	2	19.0	18.00	18.00	17.90
	3	18.5	17.50	17.50	17.40
	4	18.5	17.50	17.50	17.40
DC-HSDPA	1	19.0	18.00	18.00	18.00
	2	19.0	18.00	17.90	17.80
	3	18.5	17.50	17.50	17.40
	4	18.5	17.50	17.40	17.30

Power Level B1					
Item	band	WCDMA Band 4			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	\	22.5	**21.90**	**21.90**	**21.80**
HSUPA	1	20.5	19.50	19.60	19.50
	2	20.0	19.10	19.00	18.90
	3	21.0	20.10	20.00	20.00
	4	20.0	18.40	18.60	18.50
	5	21.0	19.90	20.00	20.00
HSDPA	1	22.0	20.80	20.90	20.70
	2	22.0	20.80	20.90	20.80
	3	21.5	20.50	20.50	20.50
	4	21.5	20.40	20.40	20.50
DC-HSDPA	1	22.0	20.80	20.80	20.80
	2	22.0	20.80	20.70	20.50
	3	21.5	20.50	20.50	20.50
	4	21.5	20.30	20.40	20.50
Power Level C1					
Item	band	WCDMA Band 4			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	\	24.5	**23.80**	**23.80**	**23.70**
HSUPA	1	22.5	21.30	21.30	21.30
	2	22.0	20.80	20.80	20.80
	3	23.0	21.80	21.90	21.80
	4	22.0	20.30	20.30	20.40
	5	23.0	21.70	21.80	21.70
HSDPA	1	24.0	22.80	22.80	22.70
	2	24.0	22.80	22.80	22.70
	3	23.5	22.30	22.40	22.30
	4	23.5	22.30	22.30	22.20
DC-HSDPA	1	24.0	22.80	22.80	22.80
	2	24.0	22.80	22.70	22.60
	3	23.5	22.30	22.30	22.30
	4	23.5	22.40	22.30	22.20

Power Level A1					
Item	band	WCDMA Band 5			
	ARFCN	Tune up	Ch.4233 (846.6MHz)	Ch.4183 (836.6MHz)	Ch.4132 (826.4MHz)
WCDMA	\	23.5	**22.20**	**22.20**	**22.30**
HSUPA	1	21.0	19.90	19.90	20.10
	2	20.5	19.40	19.40	19.60
	3	21.5	20.50	20.50	20.60
	4	20.5	18.90	19.00	19.10
	5	21.5	20.40	20.40	20.60
HSDPA	1	22.5	21.20	21.30	21.40
	2	22.5	21.20	21.20	21.40
	3	22.0	20.80	21.00	20.90
	4	22.0	20.70	20.90	20.90
DC-HSDPA	1	22.5	21.20	21.30	21.40
	2	22.5	21.10	21.20	21.20
	3	22.0	20.80	20.90	21.00
	4	22.0	20.90	20.90	20.90
Power Level B1/C1					
Item	band	WCDMA Band 5			
	ARFCN	Tune up	Ch.4233 (846.6MHz)	Ch.4183 (836.6MHz)	Ch.4132 (826.4MHz)
WCDMA	\	24.5	**22.80**	**22.90**	**23.00**
HSUPA	1	22.0	20.30	20.60	20.50
	2	21.5	20.00	20.10	20.20
	3	22.5	20.90	21.00	21.10
	4	21.5	19.60	19.60	19.70
	5	22.5	20.90	20.90	21.00
HSDPA	1	23.5	21.80	21.90	22.00
	2	23.5	21.80	21.80	22.00
	3	23.0	21.30	21.40	21.50
	4	23.0	21.30	21.40	21.50
DC-HSDPA	1	23.5	21.80	21.80	21.80
	2	23.5	21.80	21.90	22.00
	3	23.0	21.30	21.40	21.50
	4	23.0	21.30	21.30	21.40

10.3. LTE Measurement result

According to April 2015 TCB workshop, SAR Test exclusion can be applied for testing overlapping LTE Bands as follows:

a) The maximum out power, including tolerance, for the smaller band must be ≤ the larger band to qualify for SAR test exclusion.

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

LTE Band 2 (1850-1910MHz) is covered by LTE Band 25 (1850-1915MHz)

LTE Band 4 (1710-1755MHz) is covered by LTE Band 66 (1710-1780MHz)

LTE Band 5 (824-849MHz) is covered by LTE Band 26 (814-849MHz)

LTE Band 17 (704-716MHz) is covered by LTE Band 12 (699-716MHz)

LTE Band 38 (2570-2620MHz) is covered by LTE Band 41 (2496-2690MHz)

Table 10.5: The conducted Power for LTE

Ant.1 - Power Level A2/C2								
LTE Band 2			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1909.3	24.10	23.39	22.69	**25.0**	**24.0**	**23.0**
		1880.0	24.43	23.65	22.58			
		1850.7	24.61	23.61	22.54			
	1RB_3	1909.3	23.55	23.40	22.63			
		1880.0	24.53	23.63	22.55			
		1850.7	24.52	23.61	22.58			
	1RB_0	1909.3	23.71	23.45	22.73			
		1880.0	24.61	23.67	22.57			
		1850.7	24.33	23.64	22.58			
	3RB_3	1909.3	24.37	23.48	22.55			
		1880.0	24.23	23.48	22.49			
		1850.7	24.53	23.53	22.44			
	3RB_1	1909.3	23.36	23.49	22.62			
		1880.0	24.51	23.52	22.49			
		1850.7	24.44	23.57	22.47			
	3RB_0	1909.3	23.24	23.47	22.59			
		1880.0	24.49	23.48	22.50			
		1850.7	24.54	23.54	22.45			
	6RB_0	1909.3	23.04	22.59	21.66	**24.0**	**23.0**	**22.0**
		1880.0	23.33	22.52	21.33			
		1850.7	23.55	22.52	21.43			

Ant.1 - Power Level A2/C2								
LTE Band 2			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1908.5	24.13	23.38	22.70	**25.0**	**24.0**	**23.0**
		1880.0	24.44	23.57	22.55			
		1851.5	24.59	23.55	22.56			
	1RB_7	1908.5	23.66	23.44	22.77			
		1880.0	24.54	23.57	22.60			
		1851.5	24.48	23.55	22.55			
	1RB_0	1908.5	24.08	23.58	22.81			
		1880.0	24.55	23.55	22.51			
		1851.5	24.32	23.58	22.61			
	8RB_7	1908.5	23.77	22.62	21.75	**24.0**	**23.0**	**22.0**
		1880.0	23.20	22.48	21.36			
		1851.5	23.47	22.48	21.50			
	8RB_4	1908.5	23.14	22.65	21.78			
		1880.0	23.46	22.49	21.36			
		1851.5	23.34	22.49	21.51			
	8RB_0	1908.5	23.10	22.71	21.78			
		1880.0	23.40	22.47	21.38			
		1851.5	23.46	22.51	21.51			
	15RB_0	1908.5	23.07	22.68	21.74			
		1880.0	23.28	22.45	21.34			
		1851.5	23.50	22.43	21.43			

Ant.1 - Power Level A2/C2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1907.5	24.11	23.36	22.72	25.0	24.0	23.0
		1880.0	24.45	23.57	22.61			
		1852.5	24.59	23.53	22.59			
	1RB_12	1907.5	23.90	23.53	22.87			
		1880.0	24.56	23.66	22.64			
		1852.5	24.51	23.57	22.59			
	1RB_0	1907.5	24.54	23.67	22.84			
		1880.0	24.56	23.60	22.61			
		1852.5	24.37	23.64	22.59			
	12RB_13	1907.5	23.45	22.49	21.68	24.0	23.0	22.0
		1880.0	23.23	22.42	21.40			
		1852.5	23.47	22.39	21.50			
	12RB_6	1907.5	23.23	22.66	21.80			
		1880.0	23.43	22.38	21.34			
		1852.5	23.33	22.38	21.46			
	12RB_0	1907.5	23.24	22.74	21.80			
		1880.0	23.43	22.40	21.38			
		1852.5	23.47	22.43	21.51			
	25RB_0	1907.5	23.10	22.73	21.70			
		1880.0	23.30	22.44	21.34			
		1852.5	23.50	22.45	21.47			

Ant.1 - Power Level A2/C2								
LTE Band 2			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1905.0	24.23	23.34	22.71	**25.0**	**24.0**	**23.0**
		1880.0	24.44	23.54	22.57			
		1855.0	24.46	23.45	22.47			
	1RB_24	1905.0	24.37	23.67	22.75			
		1880.0	24.56	23.60	22.60			
		1855.0	24.44	23.58	22.51			
	1RB_0	1905.0	24.55	23.85	22.72			
		1880.0	24.53	23.54	22.53			
		1855.0	24.33	23.68	22.56			
	25RB_25	1905.0	24.02	22.54	21.66	**24.0**	**23.0**	**22.0**
		1880.0	23.28	22.56	21.44			
		1855.0	23.50	22.49	21.54			
	25RB_12	1905.0	23.22	22.71	21.72			
		1880.0	23.42	22.40	21.32			
		1855.0	23.29	22.40	21.43			
	25RB_0	1905.0	23.08	22.62	21.66			
		1880.0	23.40	22.38	21.34			
		1855.0	23.40	22.39	21.49			
	50RB_0	1905.0	23.04	22.56	21.69			
		1880.0	23.31	22.47	21.38			
		1855.0	23.51	22.43	21.53			

Ant.1 - Power Level A2/C2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1902.5	24.26	23.35	22.63	25.0	24.0	23.0
		1880.0	24.29	23.45	22.54			
		1857.5	24.30	23.30	22.39			
	1RB_37	1902.5	24.33	23.78	22.75			
		1880.0	24.45	23.56	22.63			
		1857.5	24.31	23.44	22.54			
	1RB_0	1902.5	24.36	23.60	22.58			
		1880.0	24.39	23.49	22.54			
		1857.5	24.23	23.59	22.58			
	36RB_38	1902.5	24.09	22.58	21.66	24.0	23.0	22.0
		1880.0	23.20	22.49	21.41			
		1857.5	23.37	22.36	21.42			
	36RB_19	1902.5	23.18	22.59	21.65			
		1880.0	23.41	22.38	21.35			
		1857.5	23.20	22.33	21.43			
	36RB_0	1902.5	23.12	22.67	21.67			
		1880.0	23.36	22.37	21.32			
		1857.5	23.33	22.34	21.46			
	75RB_0	1902.5	23.12	22.63	21.66			
		1880.0	23.26	22.38	21.33			
		1857.5	23.37	22.29	21.42			

Ant.1 - Power Level A2/C2								
LTE Band 2			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1900.0	24.15	23.38	22.50	**25.0**	**24.0**	**23.0**
		1880.0	24.32	23.39	22.31			
		1860.0	24.21	23.26	22.23			
	1RB_50	1900.0	24.34	23.76	22.57			
		1880.0	**24.44**	23.51	22.42			
		1860.0	24.25	23.34	22.43			
	1RB_0	1900.0	24.29	23.49	22.39			
		1880.0	24.31	23.33	22.21			
		1860.0	24.21	23.51	22.47			
	50RB_50	1900.0	23.56	22.63	21.66	**24.0**	**23.0**	**22.0**
		1880.0	23.30	22.52	21.43			
		1860.0	23.23	22.17	21.28			
	50RB_25	1900.0	23.22	22.63	21.59			
		1880.0	23.42	22.33	21.33			
		1860.0	23.21	22.25	21.34			
	50RB_0	1900.0	23.24	22.80	21.62			
		1880.0	**23.43**	22.41	21.36			
		1860.0	23.22	22.19	21.27			
	100RB_0	1900.0	23.18	22.69	21.71			
		1880.0	23.35	22.45	21.40			
		1860.0	23.22	22.16	21.28			

Ant.1 - Power Level B2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1909.3	20.88	20.96	21.13	22.0	22.0	22.0
		1880.0	21.07	20.98	21.03			
		1850.7	21.09	20.88	20.91			
	1RB_3	1909.3	21.02	20.99	21.12			
		1880.0	21.14	21.02	21.01			
		1850.7	20.98	20.95	20.91			
	1RB_0	1909.3	21.24	21.01	21.14			
		1880.0	21.20	20.99	21.06			
		1850.7	20.92	20.92	20.90			
	3RB_3	1909.3	21.88	21.47	21.06			
		1880.0	20.89	21.15	20.88			
		1850.7	20.98	21.13	20.85			
	3RB_1	1909.3	21.10	21.50	21.08			
		1880.0	21.09	21.19	20.89			
		1850.7	21.07	21.15	20.88			
	3RB_0	1909.3	20.98	21.45	21.09			
		1880.0	21.11	21.20	20.89			
		1850.7	21.09	21.17	20.88			
	6RB_0	1909.3	20.93	21.47	20.96	22.0	22.0	22.0
		1880.0	20.99	21.25	20.79			
		1850.7	21.12	21.19	20.74			

Ant.1 - Power Level B2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1908.5	20.91	20.96	21.17	22.0	22.0	22.0
		1880.0	21.09	20.95	20.94			
		1851.5	21.10	20.89	20.90			
	1RB_7	1908.5	21.12	21.04	21.21			
		1880.0	21.15	20.97	20.99			
		1851.5	20.95	20.90	20.94			
	1RB_0	1908.5	21.32	21.11	21.23			
		1880.0	21.13	20.90	20.91			
		1851.5	20.94	20.93	20.92			
	8RB_7	1908.5	21.80	21.45	21.09	22.0	22.0	22.0
		1880.0	20.88	21.22	20.83			
		1851.5	20.96	21.18	20.78			
	8RB_4	1908.5	21.05	21.49	21.11			
		1880.0	21.08	21.22	20.82			
		1851.5	21.05	21.18	20.78			
	8RB_0	1908.5	20.96	21.51	21.14			
		1880.0	21.07	21.22	20.82			
		1851.5	21.05	21.16	20.81			
	15RB_0	1908.5	20.91	21.48	21.08			
		1880.0	20.98	21.18	20.82			
		1851.5	21.13	21.14	20.76			

Ant.1 - Power Level B2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1907.5	20.93	21.00	21.14	22.0	22.0	22.0
		1880.0	21.10	20.99	21.01			
		1852.5	21.11	20.93	20.93			
	1RB_12	1907.5	21.15	21.17	21.24			
		1880.0	21.19	21.04	21.03			
		1852.5	21.00	20.97	20.98			
	1RB_0	1907.5	21.26	21.17	21.17			
		1880.0	21.18	20.98	21.04			
		1852.5	20.98	20.98	20.95			
	12RB_13	1907.5	21.74	21.29	20.99	22.0	22.0	22.0
		1880.0	20.91	21.17	20.87			
		1852.5	20.98	21.12	20.79			
	12RB_6	1907.5	21.08	21.42	21.13			
		1880.0	21.06	21.16	20.81			
		1852.5	21.06	21.12	20.80			
	12RB_0	1907.5	20.99	21.41	21.13			
		1880.0	21.11	21.18	20.87			
		1852.5	21.09	21.12	20.86			
	25RB_0	1907.5	20.86	21.42	21.05			
		1880.0	21.01	21.21	20.85			
		1852.5	21.17	21.17	20.81			

Ant.1 - Power Level B2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1905.0	20.92	21.00	21.18	22.0	22.0	22.0
		1880.0	21.08	20.93	21.00			
		1855.0	21.08	20.81	20.88			
	1RB_24	1905.0	21.08	21.13	21.23			
		1880.0	21.14	21.01	21.04			
		1855.0	20.97	20.90	20.94			
	1RB_0	1905.0	21.16	21.01	21.16			
		1880.0	21.14	20.93	20.98			
		1855.0	20.97	20.96	20.98			
	25RB_25	1905.0	21.73	21.39	21.03	22.0	22.0	22.0
		1880.0	21.02	21.29	20.95			
		1855.0	21.01	21.23	20.88			
	25RB_12	1905.0	21.03	21.41	21.10			
		1880.0	21.10	21.16	20.87			
		1855.0	21.06	21.16	20.84			
	25RB_0	1905.0	20.85	21.34	21.02			
		1880.0	21.09	21.21	20.87			
		1855.0	21.06	21.15	20.84			
	50RB_0	1905.0	20.83	21.35	21.05			
		1880.0	21.07	21.24	20.89			
		1855.0	21.21	21.16	20.87			

Ant.1 - Power Level B2								
LTE Band 2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1902.5	20.86	21.04	21.11	22.0	22.0	22.0
		1880.0	21.02	20.82	20.94			
		1857.5	20.98	20.69	20.84			
	1RB_37	1902.5	21.00	21.14	21.17			
		1880.0	21.13	20.98	21.07			
		1857.5	20.97	20.84	20.97			
	1RB_0	1902.5	21.05	20.97	21.04			
		1880.0	21.07	20.82	20.93			
		1857.5	20.96	20.92	21.04			
	36RB_38	1902.5	21.80	21.40	21.09	22.0	22.0	22.0
		1880.0	20.93	21.24	20.95			
		1857.5	20.95	21.17	20.83			
	36RB_19	1902.5	20.92	21.31	21.03			
		1880.0	21.09	21.18	20.88			
		1857.5	20.99	21.08	20.81			
	36RB_0	1902.5	20.86	21.37	21.10			
		1880.0	21.10	21.15	20.90			
		1857.5	21.02	21.09	20.83			
	75RB_0	1902.5	20.87	21.40	21.07			
		1880.0	21.00	21.14	20.88			
		1857.5	21.11	21.08	20.79			

Ant.1 - Power Level B2								
LTE Band 2			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1900.0	20.84	20.99	21.12	**22.0**	**22.0**	**22.0**
		1880.0	21.01	20.84	20.83			
		1860.0	20.90	20.62	20.66			
	1RB_50	1900.0	21.03	21.09	21.13			
		1880.0	**21.15**	20.99	20.97			
		1860.0	20.94	20.81	20.81			
	1RB_0	1900.0	20.98	20.86	20.85			
		1880.0	21.00	20.78	20.68			
		1860.0	20.90	20.88	20.89			
	50RB_50	1900.0	21.89	21.44	21.18	**22.0**	**22.0**	**22.0**
		1880.0	21.03	21.27	21.01			
		1860.0	20.94	21.02	20.70			
	50RB_25	1900.0	20.95	21.32	21.09			
		1880.0	21.15	21.15	20.89			
		1860.0	20.98	21.04	20.78			
	50RB_0	1900.0	20.97	21.48	21.23			
		1880.0	**21.14**	21.24	20.95			
		1860.0	20.96	21.02	20.72			
	100RB_0	1900.0	20.91	21.45	21.19			
		1880.0	21.08	21.27	20.99			
		1860.0	20.95	21.01	20.68			

Ant.4 - Power Level A1/B1/C1								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2567.5	20.06	20.31	20.14	**20.5**	**20.5**	**20.5**
		2535.0	19.68	19.97	19.84			
		2502.5	19.47	19.77	19.60			
	1RB_12	2567.5	20.06	20.30	20.13			
		2535.0	19.63	19.91	19.75			
		2502.5	19.42	19.68	19.56			
	1RB_0	2567.5	19.97	20.20	20.05			
		2535.0	19.52	19.81	19.64			
		2502.5	19.31	19.61	19.52			
	12RB_13	2567.5	20.03	20.05	20.04	**20.5**	**20.5**	**20.5**
		2535.0	19.67	19.63	19.67			
		2502.5	19.46	19.45	19.46			
	12RB_6	2567.5	20.04	20.05	20.06			
		2535.0	19.61	19.63	19.65			
		2502.5	19.42	19.38	19.44			
	12RB_0	2567.5	20.05	20.05	20.09			
		2535.0	19.62	19.57	19.56			
		2502.5	19.37	19.34	19.40			
	25RB_0	2567.5	20.07	20.09	20.05			
		2535.0	19.62	19.65	19.62			
		2502.5	19.45	19.43	19.43			

Ant.4 - Power Level A1/B1/C1								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2565.0	20.06	20.34	20.22	**20.5**	**20.5**	**20.5**
		2535.0	19.80	20.00	19.92			
		2505.0	19.56	19.81	19.68			
	1RB_24	2565.0	19.97	20.23	20.14			
		2535.0	19.69	19.86	19.76			
		2505.0	19.43	19.73	19.60			
	1RB_0	2565.0	19.90	20.20	20.08			
		2535.0	19.47	19.71	19.58			
		2505.0	19.29	19.57	19.43			
	25RB_25	2565.0	20.06	20.13	20.01	**20.5**	**20.5**	**20.5**
		2535.0	19.68	19.74	19.70			
		2505.0	19.55	19.62	19.53			
	25RB_12	2565.0	20.04	20.04	20.02			
		2535.0	19.61	19.63	19.63			
		2505.0	19.47	19.47	19.47			
	25RB_0	2565.0	20.03	20.10	20.01			
		2535.0	19.53	19.58	19.55			
		2505.0	19.39	19.44	19.37			
	50RB_0	2565.0	20.09	20.05	20.03			
		2535.0	19.71	19.69	19.67			
		2505.0	19.48	19.47	19.44			

Ant.4 - Power Level A1/B1/C1								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2562.5	20.05	20.33	20.20	**20.5**	**20.5**	**20.5**
		2535.0	19.82	20.11	20.00			
		2507.5	19.50	19.75	19.65			
	1RB_37	2562.5	19.97	20.25	20.13			
		2535.0	19.60	19.89	19.80			
		2507.5	19.51	19.76	19.69			
	1RB_0	2562.5	19.68	20.00	19.85			
		2535.0	19.32	19.63	19.54			
		2507.5	19.24	19.52	19.42			
	36RB_38	2562.5	20.06	20.07	20.05	**20.5**	**20.5**	**20.5**
		2535.0	19.76	19.80	19.72			
		2507.5	19.59	19.62	19.56			
	36RB_19	2562.5	20.00	20.01	20.01			
		2535.0	19.63	19.66	19.64			
		2507.5	19.51	19.51	19.49			
	36RB_0	2562.5	19.82	19.88	19.84			
		2535.0	19.51	19.51	19.50			
		2507.5	19.38	19.40	19.38			
	75RB_0	2562.5	20.05	20.02	20.02			
		2535.0	19.63	19.64	19.63			
		2507.5	19.52	19.48	19.49			

Ant.4 - Power Level A1/B1/C1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2560.0	**20.05**	20.27	20.15	20.5	20.5	20.5
		2535.0	19.77	19.91	19.87			
		2510.0	19.54	19.67	19.56			
	1RB_50	2560.0	19.97	20.19	20.02			
		2535.0	19.63	19.81	19.74			
		2510.0	19.53	19.74	19.63			
	1RB_0	2560.0	19.68	19.92	19.71			
		2535.0	19.23	19.47	19.33			
		2510.0	19.21	19.43	19.34			
	50RB_50	2560.0	**20.06**	20.08	20.01	20.5	20.5	20.5
		2535.0	19.81	19.87	19.79			
		2510.0	19.53	19.48	19.47			
	50RB_25	2560.0	20.03	20.04	19.97			
		2535.0	19.68	19.69	19.65			
		2510.0	19.52	19.52	19.48			
	50RB_0	2560.0	19.83	19.85	19.83			
		2535.0	19.50	19.52	19.50			
		2510.0	19.44	19.44	19.39			
	100RB_0	2560.0	19.86	19.89	19.85			
		2535.0	19.69	19.69	19.62			
		2510.0	19.40	19.38	19.37			

Ant.5 - Power Level A2/C2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2567.5	23.18	22.61	21.56	**24.5**	**23.5**	**22.5**
		2535.0	23.21	22.24	21.27			
		2502.5	23.17	22.13	21.13			
	1RB_12	2567.5	23.38	22.55	21.54			
		2535.0	23.51	22.22	21.18			
		2502.5	23.29	22.11	21.08			
	1RB_0	2567.5	23.57	22.49	21.45			
		2535.0	23.48	22.11	21.11			
		2502.5	23.35	22.00	20.97			
	12RB_13	2567.5	22.17	21.68	20.66	**23.5**	**22.5**	**21.5**
		2535.0	22.23	21.29	20.27			
		2502.5	22.22	21.21	20.16			
	12RB_6	2567.5	22.32	21.68	20.63			
		2535.0	22.36	21.29	20.25			
		2502.5	22.30	21.18	20.12			
	12RB_0	2567.5	22.48	21.69	20.65			
		2535.0	22.41	21.25	20.24			
		2502.5	22.38	21.13	20.03			
	25RB_0	2567.5	22.33	21.74	20.61			
		2535.0	22.30	21.33	20.22			
		2502.5	22.22	21.23	20.10			

Ant.5 - Power Level A2/C2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2565.0	23.15	22.61	21.58	**24.5**	**23.5**	**22.5**
		2535.0	23.25	22.36	21.37			
		2505.0	23.21	22.23	21.20			
	1RB_24	2565.0	23.28	22.48	21.48			
		2535.0	23.50	22.23	21.22			
		2505.0	23.23	22.12	21.12			
	1RB_0	2565.0	23.46	22.47	21.44			
		2535.0	23.39	22.04	21.05			
		2505.0	23.32	22.00	21.00			
	25RB_25	2565.0	22.16	21.70	20.61	**23.5**	**22.5**	**21.5**
		2535.0	22.27	21.41	20.32			
		2505.0	22.32	21.32	20.25			
	25RB_12	2565.0	22.27	21.66	20.57			
		2535.0	22.35	21.29	20.22			
		2505.0	22.30	21.26	20.14			
	25RB_0	2565.0	22.44	21.66	20.56			
		2535.0	22.37	21.25	20.17			
		2505.0	22.41	21.18	20.08			
	50RB_0	2565.0	22.33	21.69	20.59			
		2535.0	22.37	21.34	20.26			
		2505.0	22.26	21.21	20.15			

Ant.5 - Power Level A2/C2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2562.5	23.15	22.56	21.58	**24.5**	**23.5**	**22.5**
		2535.0	23.33	22.38	21.33			
		2507.5	23.12	22.08	21.07			
	1RB_37	2562.5	23.28	22.48	21.48			
		2535.0	23.48	22.21	21.13			
		2507.5	23.29	22.10	21.14			
	1RB_0	2562.5	23.43	22.35	21.39			
		2535.0	23.28	21.92	20.88			
		2507.5	23.28	21.89	20.90			
	36RB_38	2562.5	22.12	21.68	20.63	**23.5**	**22.5**	**21.5**
		2535.0	22.29	21.39	20.35			
		2507.5	22.28	21.34	20.25			
	36RB_19	2562.5	22.23	21.64	20.57			
		2535.0	22.29	21.29	20.25			
		2507.5	22.35	21.25	20.19			
	36RB_0	2562.5	22.39	21.64	20.56			
		2535.0	22.34	21.18	20.16			
		2507.5	22.41	21.13	20.09			
	75RB_0	2562.5	22.28	21.64	20.58			
		2535.0	22.30	21.27	20.22			
		2507.5	22.28	21.25	20.16			

Ant.5 - Power Level A2/C2								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2560.0	23.07	22.50	21.60	24.5	23.5	22.5
		2535.0	23.32	22.43	21.47			
		2510.0	23.03	22.09	20.98			
	1RB_50	2560.0	23.20	22.40	21.51			
		2535.0	**23.42**	22.15	21.19			
		2510.0	23.27	22.17	21.09			
	1RB_0	2560.0	23.31	22.29	21.41			
		2535.0	23.13	21.85	20.83			
		2510.0	23.19	21.89	20.85			
	50RB_50	2560.0	22.06	21.64	20.56	23.5	22.5	21.5
		2535.0	22.35	21.47	20.41			
		2510.0	22.16	21.15	20.14			
	50RB_25	2560.0	22.20	21.61	20.54			
		2535.0	22.35	21.30	20.24			
		2510.0	22.30	21.20	20.17			
	50RB_0	2560.0	22.34	21.57	20.50			
		2535.0	**22.38**	21.15	20.10			
		2510.0	22.36	21.15	20.08			
	100RB_0	2560.0	22.25	21.61	20.57			
		2535.0	22.28	21.32	20.26			
		2510.0	22.18	21.11	20.07			

Ant.5 - Power Level B2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2567.5	20.21	21.03	20.74	**21.5**	**21.5**	**21.5**
		2535.0	20.24	20.69	20.44			
		2502.5	20.14	20.49	20.20			
	1RB_12	2567.5	20.52	21.02	20.73			
		2535.0	20.45	20.63	20.35			
		2502.5	20.32	20.40	20.16			
	1RB_0	2567.5	20.63	20.92	20.65			
		2535.0	20.43	20.53	20.24			
		2502.5	20.47	20.33	20.12			
	12RB_13	2567.5	20.03	20.70	20.70	**21.5**	**21.5**	**21.5**
		2535.0	20.21	20.28	20.33			
		2502.5	20.09	20.10	20.12			
	12RB_6	2567.5	20.21	20.70	20.72			
		2535.0	20.28	20.28	20.31			
		2502.5	20.20	20.03	20.10			
	12RB_0	2567.5	20.56	20.70	20.75			
		2535.0	20.50	20.22	20.22			
		2502.5	20.29	19.99	20.06			
	25RB_0	2567.5	20.46	20.74	20.71			
		2535.0	20.21	20.30	20.28			
		2502.5	20.23	20.08	20.09			

Ant.5 - Power Level B2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2565.0	20.21	21.06	20.82	**21.5**	**21.5**	**21.5**
		2535.0	20.36	20.72	20.52			
		2505.0	20.23	20.53	20.28			
	1RB_24	2565.0	20.43	20.95	20.74			
		2535.0	20.51	20.58	20.36			
		2505.0	20.33	20.45	20.20			
	1RB_0	2565.0	20.56	20.92	20.68			
		2535.0	20.38	20.43	20.18			
		2505.0	20.45	20.29	20.03			
	25RB_25	2565.0	20.06	20.78	20.67	**21.5**	**21.5**	**21.5**
		2535.0	20.22	20.39	20.36			
		2505.0	20.18	20.27	20.19			
	25RB_12	2565.0	20.21	20.69	20.68			
		2535.0	20.28	20.28	20.29			
		2505.0	20.25	20.12	20.13			
	25RB_0	2565.0	20.54	20.75	20.67			
		2535.0	20.41	20.23	20.21			
		2505.0	20.31	20.09	20.03			
	50RB_0	2565.0	20.48	20.70	20.69			
		2535.0	20.30	20.34	20.33			
		2505.0	20.26	20.12	20.10			

Ant.5 - Power Level B2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2562.5	20.20	21.05	20.80	**21.5**	**21.5**	**21.5**
		2535.0	20.38	20.83	20.60			
		2507.5	20.17	20.47	20.25			
	1RB_37	2562.5	20.43	20.97	20.73			
		2535.0	20.42	20.61	20.40			
		2507.5	20.41	20.48	20.29			
	1RB_0	2562.5	20.34	20.72	20.45			
		2535.0	20.23	20.35	20.14			
		2507.5	20.40	20.24	20.02			
	36RB_38	2562.5	20.06	20.72	20.71	**21.5**	**21.5**	**21.5**
		2535.0	20.30	20.45	20.38			
		2507.5	20.22	20.27	20.22			
	36RB_19	2562.5	20.17	20.66	20.67			
		2535.0	20.30	20.31	20.30			
		2507.5	20.29	20.16	20.15			
	36RB_0	2562.5	20.33	20.53	20.50			
		2535.0	20.39	20.16	20.16			
		2507.5	20.30	20.05	20.04			
	75RB_0	2562.5	20.44	20.67	20.68			
		2535.0	20.22	20.29	20.29			
		2507.5	20.30	20.13	20.15			

Ant.5 - Power Level B2								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2560.0	20.20	20.99	20.75	**21.5**	**21.5**	**21.5**
		2535.0	20.33	20.63	20.47			
		2510.0	20.21	20.39	20.16			
	1RB_50	2560.0	20.43	20.91	20.62			
		2535.0	**20.45**	20.53	20.34			
		2510.0	20.43	20.46	20.23			
	1RB_0	2560.0	20.34	20.64	20.31			
		2535.0	20.14	20.19	19.93			
		2510.0	20.37	20.15	19.94			
	50RB_50	2560.0	20.06	20.73	20.67	**21.5**	**21.5**	**21.5**
		2535.0	20.35	20.52	20.45			
		2510.0	20.16	20.13	20.13			
	50RB_25	2560.0	20.20	20.69	20.63			
		2535.0	20.35	20.34	20.31			
		2510.0	20.30	20.17	20.14			
	50RB_0	2560.0	20.34	20.50	20.49			
		2535.0	**20.38**	20.17	20.16			
		2510.0	20.36	20.09	20.05			
	100RB_0	2560.0	20.25	20.54	20.51			
		2535.0	20.28	20.34	20.28			
		2510.0	20.18	20.03	20.03			

Power Level A1/B1/C1/B2/C2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	715.3	22.77	21.94	21.24	**24.0**	**23.0**	**22.0**
		707.5	22.50	21.84	21.06			
		699.7	22.53	21.91	20.80			
	1RB_3	715.3	22.55	21.93	21.21			
		707.5	22.61	21.93	20.93			
		699.7	22.59	21.90	20.80			
	1RB_0	715.3	22.52	21.89	21.20			
		707.5	22.56	21.92	20.94			
		699.7	22.49	21.87	20.85			
	3RB_3	715.3	23.06	22.06	21.30			
		707.5	23.04	22.07	21.28			
		699.7	23.04	22.23	21.24			
	3RB_1	715.3	23.05	22.09	21.25			
		707.5	23.05	22.08	21.33			
		699.7	23.06	22.21	21.25			
	3RB_0	715.3	23.07	22.07	21.29			
		707.5	23.06	22.08	21.31			
		699.7	23.00	22.18	21.20			
	6RB_0	715.3	22.06	21.28	20.12	**23.0**	**22.0**	**21.0**
		707.5	22.04	21.28	20.10			
		699.7	22.22	21.29	20.13			

Power Level A1/B1/C1/B2/C2								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	714.5	22.84	21.95	21.33	24.0	23.0	22.0
		707.5	22.49	21.90	21.28			
		700.5	22.53	21.95	20.90			
	1RB_7	714.5	22.57	21.90	21.28			
		707.5	22.61	21.97	21.28			
		700.5	22.56	21.98	20.90			
	1RB_0	714.5	22.45	21.86	21.23			
		707.5	22.50	21.92	21.04			
		700.5	22.47	21.95	20.86			
	8RB_7	714.5	22.00	21.28	20.19	23.0	22.0	21.0
		707.5	21.99	21.23	20.16			
		700.5	22.19	21.23	20.16			
	8RB_4	714.5	21.97	21.23	20.12			
		707.5	22.00	21.24	20.18			
		700.5	22.18	21.26	20.19			
	8RB_0	714.5	21.95	21.19	20.11			
		707.5	21.99	21.24	20.15			
		700.5	22.17	21.24	20.18			
	15RB_0	714.5	21.96	21.19	20.08			
		707.5	21.98	21.19	20.16			
		700.5	22.19	21.21	20.16			

Power Level A1/B1/C1/B2/C2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	713.5	23.14	21.96	21.34	**24.0**	**23.0**	**22.0**
		707.5	22.59	21.99	21.33			
		701.5	22.61	21.96	21.31			
	1RB_12	713.5	22.52	21.87	21.22			
		707.5	22.62	22.03	21.36			
		701.5	22.58	21.93	21.22			
	1RB_0	713.5	22.44	21.84	21.20			
		707.5	22.50	21.91	21.27			
		701.5	22.55	21.91	21.22			
	12RB_13	713.5	21.99	21.16	20.15	**23.0**	**22.0**	**21.0**
		707.5	22.04	21.17	20.17			
		701.5	22.04	21.17	20.17			
	12RB_6	713.5	21.94	21.10	20.11			
		707.5	22.03	21.18	20.17			
		701.5	22.22	21.18	20.18			
	12RB_0	713.5	21.97	21.08	20.07			
		707.5	22.05	21.18	20.21			
		701.5	22.20	21.15	20.16			
	25RB_0	713.5	21.98	21.15	20.08			
		707.5	22.04	21.22	20.19			
		701.5	22.20	21.20	20.18			

Power Level A1/B1/C1/B2/C2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	711.0	**23.10**	21.99	21.31	**24.0**	**23.0**	**22.0**
		707.5	22.46	21.85	21.21			
		704.0	22.55	21.95	21.38			
	1RB_24	711.0	22.99	21.89	21.24			
		707.5	22.68	22.00	21.36			
		704.0	22.57	21.96	21.35			
	1RB_0	711.0	23.00	21.85	21.26			
		707.5	22.48	21.85	21.22			
		704.0	22.49	21.87	21.24			
	25RB_25	711.0	21.88	21.09	20.03	**23.0**	**22.0**	**21.0**
		707.5	22.02	21.18	20.18			
		704.0	22.06	21.28	20.22			
	25RB_12	711.0	21.97	21.16	20.10			
		707.5	22.04	21.25	20.14			
		704.0	22.05	21.22	20.18			
	25RB_0	711.0	21.97	21.17	20.09			
		707.5	21.99	21.21	20.14			
		704.0	**22.17**	21.16	20.13			
	50RB_0	711.0	21.96	21.12	20.11			
		707.5	22.05	21.21	20.15			
		704.0	22.04	21.24	20.22			

Power Level A2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	715.3	21.23	21.33	21.40	**22.0**	**22.0**	**22.0**
		707.5	21.16	21.29	21.29			
		699.7	21.07	21.06	21.03			
	1RB_3	715.3	21.17	21.34	21.33			
		707.5	21.19	21.24	21.11			
		699.7	20.88	21.09	20.84			
	1RB_0	715.3	21.12	21.21	21.32			
		707.5	21.18	21.22	21.19			
		699.7	20.91	21.03	20.93			
	3RB_3	715.3	21.21	21.24	21.30			
		707.5	21.21	21.23	21.30			
		699.7	21.17	21.17	21.28			
	3RB_1	715.3	21.19	21.22	21.29			
		707.5	21.21	21.22	21.30			
		699.7	21.14	21.13	21.27			
	3RB_0	715.3	21.19	21.23	21.31			
		707.5	21.18	21.24	21.28			
		699.7	21.13	21.14	21.26			
	6RB_0	715.3	21.21	21.30	20.19	**22.0**	**22.0**	**21.0**
		707.5	21.22	21.32	20.17			
		699.7	21.15	21.21	20.13			

Power Level A2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	714.5	21.23	21.52	21.40	**22.0**	**22.0**	**22.0**
		707.5	21.19	21.47	21.13			
		700.5	21.04	21.41	20.98			
	1RB_7	714.5	21.15	21.39	21.36			
		707.5	21.19	21.36	21.27			
		700.5	21.18	21.37	21.05			
	1RB_0	714.5	21.09	21.32	21.27			
		707.5	21.12	21.41	21.01			
		700.5	21.10	21.21	20.88			
	8RB_7	714.5	21.19	21.29	20.22	**22.0**	**22.0**	**21.0**
		707.5	21.17	21.28	20.18			
		700.5	21.15	21.23	20.20			
	8RB_4	714.5	21.15	21.24	20.15			
		707.5	21.19	21.30	20.24			
		700.5	21.14	21.25	20.20			
	8RB_0	714.5	21.16	21.22	20.15			
		707.5	21.17	21.25	20.19			
		700.5	21.11	21.20	20.15			
	15RB_0	714.5	21.15	21.20	20.14			
		707.5	21.20	21.21	20.18			
		700.5	21.16	21.22	20.15			

Power Level A2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	713.5	21.32	21.49	21.46	**22.0**	**22.0**	**22.0**
		707.5	21.23	21.43	21.34			
		701.5	21.18	21.26	21.23			
	1RB_12	713.5	21.13	21.41	21.29			
		707.5	21.25	21.51	21.36			
		701.5	21.19	21.38	21.12			
	1RB_0	713.5	21.11	21.36	21.24			
		707.5	21.14	21.30	21.15			
		701.5	21.09	21.11	21.01			
	12RB_13	713.5	21.14	21.11	20.12	**22.0**	**22.0**	**21.0**
		707.5	21.20	21.19	20.19			
		701.5	21.17	21.16	20.18			
	12RB_6	713.5	21.13	21.12	20.18			
		707.5	21.19	21.21	20.22			
		701.5	21.18	21.17	20.18			
	12RB_0	713.5	21.12	21.15	20.14			
		707.5	21.18	21.22	20.20			
		701.5	21.10	21.12	20.11			
	25RB_0	713.5	21.15	21.18	20.11			
		707.5	21.22	21.26	20.21			
		701.5	21.20	21.23	20.16			

Power Level A2								
LTE Band 12			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	711.0	**21.29**	21.52	21.02	**22.0**	**22.0**	**22.0**
		707.5	21.15	21.47	21.00			
		704.0	21.28	21.53	20.95			
	1RB_24	711.0	21.15	21.48	20.79			
		707.5	21.28	21.57	21.03			
		704.0	21.18	21.43	20.96			
	1RB_0	711.0	21.16	21.49	20.79			
		707.5	21.11	21.41	20.79			
		704.0	21.13	21.42	20.78			
	25RB_25	711.0	21.13	21.14	20.09	**22.0**	**22.0**	**21.0**
		707.5	21.18	21.26	20.20			
		704.0	21.30	21.27	20.25			
	25RB_12	711.0	21.20	21.20	20.15			
		707.5	21.19	21.18	20.18			
		704.0	21.20	21.18	20.20			
	25RB_0	711.0	21.20	21.20	20.17			
		707.5	21.18	21.17	20.15			
		704.0	**21.31**	21.18	20.09			
	50RB_0	711.0	21.16	21.21	20.12			
		707.5	21.19	21.19	20.16			
		704.0	21.21	21.24	20.20			

Power Level A1/B1/C1								
LTE Band 13			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	784.5	22.46	21.78	21.16	24.0	23.0	22.0
		782.0	22.43	21.78	21.11			
		779.5	22.51	21.80	20.73			
	1RB_12	784.5	22.42	21.73	21.16			
		782.0	22.51	21.84	21.15			
		779.5	22.50	21.74	20.67			
	1RB_0	784.5	22.42	21.81	21.19			
		782.0	22.51	21.87	20.94			
		779.5	22.38	21.77	20.64			
	12RB_13	784.5	21.81	21.00	19.95	23.0	22.0	21.0
		782.0	21.84	21.06	20.01			
		779.5	22.02	21.19	20.17			
	12RB_6	784.5	21.87	21.02	20.00			
		782.0	21.90	21.08	20.08			
		779.5	21.90	21.08	20.06			
	12RB_0	784.5	21.92	21.10	20.10			
		782.0	21.87	21.04	20.05			
		779.5	21.79	20.98	19.97			
	25RB_0	784.5	21.87	21.09	19.99			
		782.0	21.88	21.08	19.99			
		779.5	21.90	21.13	20.06			

Power Level A1/B1/C1								
LTE Band 13			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	782.0	22.38	21.82	20.73	24.0	23.0	22.0
	1RB_24	782.0	**22.51**	21.83	20.74			
	1RB_0	782.0	22.36	21.77	20.65			
	25RB_25	782.0	21.84	21.01	19.99	23.0	22.0	21.0
	25RB_12	782.0	**21.90**	21.13	20.03			
	25RB_0	782.0	21.73	20.92	19.87			
	50RB_0	782.0	21.78	20.96	19.93			

Power Level A1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1914.3	18.06	18.13	18.19	**19.5**	**19.5**	**19.5**
		1882.5	17.82	18.15	18.09			
		1850.7	17.76	18.05	17.97			
	1RB_3	1914.3	18.04	18.16	18.18			
		1882.5	17.84	18.19	18.07			
		1850.7	17.80	18.12	17.97			
	1RB_0	1914.3	18.05	18.18	18.20			
		1882.5	17.85	18.16	18.12			
		1850.7	17.77	18.09	17.96			
	3RB_3	1914.3	18.12	18.16	18.13			
		1882.5	17.83	17.84	17.95			
		1850.7	17.79	17.82	17.92			
	3RB_1	1914.3	18.14	18.19	18.15			
		1882.5	17.82	17.88	17.96			
		1850.7	17.80	17.84	17.95			
	3RB_0	1914.3	18.12	18.14	18.16			
		1882.5	17.83	17.89	17.96			
		1850.7	17.82	17.86	17.95			
	6RB_0	1914.3	18.10	18.16	18.03	**19.5**	**19.5**	**19.5**
		1882.5	17.84	17.94	17.86			
		1850.7	17.79	17.88	17.81			

Power Level A1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1913.5	18.09	18.13	18.23	**19.5**	**19.5**	**19.5**
		1882.5	17.84	18.12	18.00			
		1851.5	17.77	18.06	17.96			
	1RB_7	1913.5	18.14	18.21	18.27			
		1882.5	17.85	18.14	18.05			
		1851.5	17.77	18.07	18.00			
	1RB_0	1913.5	18.13	18.28	18.29			
		1882.5	17.78	18.07	17.97			
		1851.5	17.79	18.10	17.98			
	8RB_7	1913.5	18.04	18.14	18.16	**19.5**	**19.5**	**19.5**
		1882.5	17.82	17.91	17.90			
		1851.5	17.77	17.87	17.85			
	8RB_4	1913.5	18.09	18.18	18.18			
		1882.5	17.81	17.91	17.89			
		1851.5	17.78	17.87	17.85			
	8RB_0	1913.5	18.10	18.20	18.21			
		1882.5	17.79	17.91	17.89			
		1851.5	17.78	17.85	17.88			
	15RB_0	1913.5	18.08	18.17	18.15			
		1882.5	17.83	17.87	17.89			
		1851.5	17.80	17.83	17.83			

Power Level A1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1912.5	18.11	18.17	18.20	**19.5**	**19.5**	**19.5**
		1882.5	17.85	18.16	18.07			
		1852.5	17.78	18.10	17.99			
	1RB_12	1912.5	18.17	18.34	18.30			
		1882.5	17.89	18.21	18.09			
		1852.5	17.82	18.14	18.04			
	1RB_0	1912.5	18.07	18.34	18.23			
		1882.5	17.83	18.15	18.10			
		1852.5	17.83	18.15	18.01			
	12RB_13	1912.5	17.98	17.98	18.06	**19.5**	**19.5**	**19.5**
		1882.5	17.85	17.86	17.94			
		1852.5	17.79	17.81	17.86			
	12RB_6	1912.5	18.12	18.11	18.20			
		1882.5	17.79	17.85	17.88			
		1852.5	17.79	17.81	17.87			
	12RB_0	1912.5	18.13	18.10	18.20			
		1882.5	17.83	17.87	17.94			
		1852.5	17.82	17.81	17.93			
	25RB_0	1912.5	18.03	18.11	18.12			
		1882.5	17.86	17.90	17.92			
		1852.5	17.84	17.86	17.88			

Power Level A1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1910.0	18.10	18.17	18.24	**19.5**	**19.5**	**19.5**
		1882.5	17.83	18.10	18.06			
		1855.0	17.75	17.98	17.94			
	1RB_24	1910.0	18.10	18.30	18.29			
		1882.5	17.84	18.18	18.10			
		1855.0	17.79	18.07	18.00			
	1RB_0	1910.0	17.97	18.18	18.22			
		1882.5	17.79	18.10	18.04			
		1855.0	17.82	18.13	18.04			
	25RB_25	1910.0	17.97	18.08	18.10	**19.5**	**19.5**	**19.5**
		1882.5	17.96	17.98	18.02			
		1855.0	17.82	17.92	17.95			
	25RB_12	1910.0	18.07	18.10	18.17			
		1882.5	17.83	17.85	17.94			
		1855.0	17.79	17.85	17.91			
	25RB_0	1910.0	17.99	18.03	18.09			
		1882.5	17.81	17.90	17.94			
		1855.0	17.79	17.84	17.91			
	50RB_0	1910.0	18.00	18.04	18.12			
		1882.5	17.92	17.93	17.96			
		1855.0	17.88	17.85	17.94			

Power Level A1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1907.5	18.04	18.21	18.17	**19.5**	**19.5**	**19.5**
		1882.5	17.77	17.99	18.00			
		1857.5	17.65	17.86	17.90			
	1RB_37	1907.5	18.02	18.31	18.23			
		1882.5	17.83	18.15	18.13			
		1857.5	17.79	18.01	18.03			
	1RB_0	1907.5	17.86	18.14	18.10			
		1882.5	17.72	17.99	17.99			
		1857.5	17.81	18.09	18.10			
	36RB_38	1907.5	18.04	18.09	18.16	**19.5**	**19.5**	**19.5**
		1882.5	17.87	17.93	18.02			
		1857.5	17.76	17.86	17.90			
	36RB_19	1907.5	17.96	18.00	18.10			
		1882.5	17.82	17.87	17.95			
		1857.5	17.72	17.77	17.88			
	36RB_0	1907.5	18.00	18.06	18.17			
		1882.5	17.82	17.84	17.97			
		1857.5	17.75	17.78	17.90			
	75RB_0	1907.5	18.04	18.09	18.14			
		1882.5	17.85	17.83	17.95			
		1857.5	17.78	17.77	17.86			

Power Level A1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1905.0	18.02	18.16	18.18	19.5	19.5	19.5
		1882.5	17.76	18.01	17.89			
		1860.0	17.57	17.79	17.72			
	1RB_50	1905.0	**18.05**	18.26	18.19			
		1882.5	17.85	18.16	18.03			
		1860.0	17.76	17.98	17.87			
	1RB_0	1905.0	17.79	18.03	17.91			
		1882.5	17.65	17.95	17.74			
		1860.0	17.75	18.05	17.95			
	50RB_50	1905.0	**18.13**	18.13	18.25	19.5	19.5	19.5
		1882.5	17.97	17.96	18.08			
		1860.0	17.75	17.71	17.77			
	50RB_25	1905.0	17.99	18.01	18.16			
		1882.5	17.88	17.84	17.96			
		1860.0	17.71	17.73	17.85			
	50RB_0	1905.0	18.11	18.17	18.30			
		1882.5	17.86	17.93	18.02			
		1860.0	17.69	17.71	17.79			
	100RB_0	1905.0	18.08	18.14	18.26			
		1882.5	17.93	17.96	18.06			
		1860.0	17.62	17.70	17.75			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1914.3	20.09	20.23	20.26	21.5	21.5	21.5
		1882.5	19.75	20.09	19.93			
		1850.7	19.86	20.13	20.08			
	1RB_3	1914.3	20.08	20.22	20.21			
		1882.5	19.77	20.07	19.93			
		1850.7	19.87	20.17	20.06			
	1RB_0	1914.3	20.10	20.23	20.29			
		1882.5	19.78	20.04	19.96			
		1850.7	19.86	20.16	20.08			
	3RB_3	1914.3	20.15	20.18	20.23			
		1882.5	19.74	19.77	19.96			
		1850.7	19.87	19.93	20.04			
	3RB_1	1914.3	20.18	20.23	20.29			
		1882.5	19.76	19.81	19.97			
		1850.7	19.88	19.93	20.08			
	3RB_0	1914.3	20.17	20.22	20.24			
		1882.5	19.75	19.83	19.93			
		1850.7	19.89	19.94	20.08			
	6RB_0	1914.3	20.12	20.18	20.12	21.5	21.5	21.5
		1882.5	19.78	19.85	19.80			
		1850.7	19.88	19.95	19.91			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1913.5	20.09	20.19	20.27	**21.5**	**21.5**	**21.5**
		1882.5	19.77	20.03	19.99			
		1851.5	19.84	20.20	20.11			
	1RB_7	1913.5	20.17	20.23	20.32			
		1882.5	19.78	20.04	20.01			
		1851.5	19.86	20.19	20.14			
	1RB_0	1913.5	20.16	20.29	20.35			
		1882.5	19.71	20.03	19.93			
		1851.5	19.86	20.20	20.12			
	8RB_7	1913.5	20.08	20.20	20.25	**21.5**	**21.5**	**21.5**
		1882.5	19.74	19.85	19.87			
		1851.5	19.85	19.99	19.96			
	8RB_4	1913.5	20.12	20.24	20.28			
		1882.5	19.74	19.84	19.87			
		1851.5	19.88	19.96	19.99			
	8RB_0	1913.5	20.16	20.27	20.29			
		1882.5	19.74	19.84	19.84			
		1851.5	19.86	19.96	19.98			
	15RB_0	1913.5	20.12	20.22	20.24			
		1882.5	19.73	19.77	19.85			
		1851.5	19.84	19.95	19.94			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1912.5	20.13	20.20	20.25	**21.5**	**21.5**	**21.5**
		1882.5	19.76	20.11	20.02			
		1852.5	19.86	20.12	20.07			
	1RB_12	1912.5	20.24	20.35	20.33			
		1882.5	19.78	20.11	20.02			
		1852.5	19.90	20.17	20.14			
	1RB_0	1912.5	20.18	20.36	20.30			
		1882.5	19.75	20.09	20.02			
		1852.5	19.88	20.18	20.11			
	12RB_13	1912.5	20.01	20.04	20.14	**21.5**	**21.5**	**21.5**
		1882.5	19.75	19.78	19.85			
		1852.5	19.86	19.88	19.99			
	12RB_6	1912.5	20.17	20.17	20.29			
		1882.5	19.72	19.73	19.81			
		1852.5	19.86	19.89	19.99			
	12RB_0	1912.5	20.18	20.17	20.30			
		1882.5	19.76	19.79	19.85			
		1852.5	19.88	19.92	20.06			
	25RB_0	1912.5	20.09	20.18	20.19			
		1882.5	19.75	19.81	19.84			
		1852.5	19.89	19.95	20.01			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1910.0	20.12	20.21	20.23	**21.5**	**21.5**	**21.5**
		1882.5	19.77	20.00	19.96			
		1855.0	19.77	20.08	19.95			
	1RB_24	1910.0	20.11	20.35	20.32			
		1882.5	19.77	20.06	20.01			
		1855.0	19.83	20.17	20.07			
	1RB_0	1910.0	20.02	20.33	20.24			
		1882.5	19.73	19.99	19.95			
		1855.0	19.84	20.22	20.07			
	25RB_25	1910.0	20.03	20.13	20.16	**21.5**	**21.5**	**21.5**
		1882.5	19.82	19.86	19.95			
		1855.0	19.87	19.97	20.04			
	25RB_12	1910.0	20.12	20.17	20.25			
		1882.5	19.71	19.76	19.83			
		1855.0	19.84	19.90	19.97			
	25RB_0	1910.0	20.05	20.11	20.16			
		1882.5	19.74	19.76	19.85			
		1855.0	19.82	19.90	19.99			
	50RB_0	1910.0	20.02	20.11	20.17			
		1882.5	19.80	19.81	19.86			
		1855.0	19.95	19.92	20.03			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1907.5	20.04	20.20	20.26	**21.5**	**21.5**	**21.5**
		1882.5	19.61	19.85	19.93			
		1857.5	19.68	19.92	19.92			
	1RB_37	1907.5	20.03	20.33	20.38			
		1882.5	19.72	19.98	20.00			
		1857.5	19.80	20.07	20.08			
	1RB_0	1907.5	19.89	20.18	20.23			
		1882.5	19.58	19.91	19.96			
		1857.5	19.81	20.16	20.14			
	36RB_38	1907.5	20.07	20.15	20.24	**21.5**	**21.5**	**21.5**
		1882.5	19.77	19.83	19.92			
		1857.5	19.83	19.89	19.95			
	36RB_19	1907.5	20.04	20.06	20.20			
		1882.5	19.72	19.77	19.87			
		1857.5	19.76	19.80	19.92			
	36RB_0	1907.5	20.07	20.13	20.22			
		1882.5	19.71	19.75	19.85			
		1857.5	19.79	19.87	19.96			
	75RB_0	1907.5	20.09	20.10	20.23			
		1882.5	19.74	19.77	19.87			
		1857.5	19.83	19.83	19.92			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1905.0	20.04	20.13	20.29	**21.5**	**21.5**	**21.5**
		1882.5	19.64	19.86	19.98			
		1860.0	19.58	19.83	19.86			
	1RB_50	1905.0	**20.09**	20.25	20.34			
		1882.5	19.74	19.95	20.01			
		1860.0	19.79	20.00	20.05			
	1RB_0	1905.0	19.67	19.88	19.98			
		1882.5	19.66	19.95	19.89			
		1860.0	19.78	20.07	20.11			
	50RB_50	1905.0	**20.13**	20.17	20.36	**21.5**	**21.5**	**21.5**
		1882.5	19.86	19.87	20.01			
		1860.0	19.82	19.75	19.83			
	50RB_25	1905.0	20.04	20.08	20.26			
		1882.5	19.74	19.74	19.90			
		1860.0	19.80	19.78	19.91			
	50RB_0	1905.0	20.00	20.07	20.29			
		1882.5	19.80	19.86	19.97			
		1860.0	19.75	19.74	19.88			
	100RB_0	1905.0	20.11	20.19	20.34			
		1882.5	19.84	19.87	20.00			
		1860.0	19.70	19.74	19.83			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1914.3	21.10	21.23	21.25	**22.5**	**22.5**	**22.5**
		1882.5	20.73	21.10	20.91			
		1850.7	20.87	21.15	21.08			
	1RB_3	1914.3	21.09	21.20	21.21			
		1882.5	20.76	21.09	20.93			
		1850.7	20.87	21.15	21.04			
	1RB_0	1914.3	21.08	21.22	21.29			
		1882.5	20.77	21.04	20.95			
		1850.7	20.87	21.18	21.10			
	3RB_3	1914.3	21.13	21.19	21.21			
		1882.5	20.73	20.76	20.97			
		1850.7	20.87	20.94	21.03			
	3RB_1	1914.3	21.19	21.23	21.27			
		1882.5	20.75	20.82	20.96			
		1850.7	20.90	20.95	21.07			
	3RB_0	1914.3	21.16	21.24	21.25			
		1882.5	20.77	20.85	20.93			
		1850.7	20.90	20.94	21.07			
	6RB_0	1914.3	21.12	21.16	20.11	**22.5**	**22.5**	**21.5**
		1882.5	20.78	20.84	19.81			
		1850.7	20.88	20.94	19.91			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1913.5	21.09	21.18	21.26	**22.5**	**22.5**	**22.5**
		1882.5	20.76	21.03	21.01			
		1851.5	20.83	21.21	21.11			
	1RB_7	1913.5	21.19	21.24	21.32			
		1882.5	20.76	21.04	21.01			
		1851.5	20.88	21.21	21.14			
	1RB_0	1913.5	21.15	21.29	21.34			
		1882.5	20.72	21.03	20.92			
		1851.5	20.85	21.18	21.14			
	8RB_7	1913.5	21.06	21.20	20.27	**22.5**	**22.5**	**21.5**
		1882.5	20.74	20.83	19.85			
		1851.5	20.86	20.97	19.95			
	8RB_4	1913.5	21.13	21.26	20.26			
		1882.5	20.73	20.85	19.86			
		1851.5	20.90	20.97	20.00			
	8RB_0	1913.5	21.16	21.27	20.29			
		1882.5	20.74	20.82	19.84			
		1851.5	20.88	20.95	19.97			
	15RB_0	1913.5	21.12	21.23	20.24			
		1882.5	20.75	20.75	19.87			
		1851.5	20.82	20.95	19.95			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1912.5	21.12	21.20	21.27	**22.5**	**22.5**	**22.5**
		1882.5	20.78	21.10	21.01			
		1852.5	20.86	21.13	21.09			
	1RB_12	1912.5	21.26	21.36	21.35			
		1882.5	20.78	21.09	21.00			
		1852.5	20.88	21.15	21.16			
	1RB_0	1912.5	21.18	21.37	21.28			
		1882.5	20.73	21.10	21.02			
		1852.5	20.86	21.19	21.11			
	12RB_13	1912.5	21.00	21.05	20.14	**22.5**	**22.5**	**21.5**
		1882.5	20.77	20.79	19.87			
		1852.5	20.84	20.87	19.98			
	12RB_6	1912.5	21.19	21.17	20.31			
		1882.5	20.70	20.71	19.82			
		1852.5	20.87	20.89	19.98			
	12RB_0	1912.5	21.19	21.16	20.32			
		1882.5	20.75	20.81	19.83			
		1852.5	20.88	20.93	20.05			
	25RB_0	1912.5	21.08	21.19	20.18			
		1882.5	20.77	20.79	19.83			
		1852.5	20.91	20.95	20.01			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1910.0	21.14	21.21	21.24	**22.5**	**22.5**	**22.5**
		1882.5	20.78	21.00	20.94			
		1855.0	20.75	21.06	20.97			
	1RB_24	1910.0	21.10	21.33	21.33			
		1882.5	20.76	21.05	21.03			
		1855.0	20.82	21.15	21.09			
	1RB_0	1910.0	21.04	21.35	21.24			
		1882.5	20.72	20.99	20.93			
		1855.0	20.82	21.21	21.05			
	25RB_25	1910.0	21.04	21.13	20.14	**22.5**	**22.5**	**21.5**
		1882.5	20.81	20.84	19.94			
		1855.0	20.86	20.97	20.05			
	25RB_12	1910.0	21.11	21.16	20.23			
		1882.5	20.70	20.74	19.85			
		1855.0	20.84	20.89	19.98			
	25RB_0	1910.0	21.05	21.12	20.16			
		1882.5	20.74	20.74	19.85			
		1855.0	20.82	20.88	19.97			
	50RB_0	1910.0	21.01	21.13	20.15			
		1882.5	20.82	20.83	19.84			
		1855.0	20.96	20.94	20.02			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1907.5	21.03	21.21	21.24	**22.5**	**22.5**	**22.5**
		1882.5	20.63	20.85	20.92			
		1857.5	20.69	20.91	20.92			
	1RB_37	1907.5	21.01	21.31	21.38			
		1882.5	20.73	20.97	21.00			
		1857.5	20.81	21.08	21.10			
	1RB_0	1907.5	20.91	21.18	21.24			
		1882.5	20.60	20.92	20.98			
		1857.5	20.79	21.15	21.14			
	36RB_38	1907.5	21.07	21.14	20.22	**22.5**	**22.5**	**21.5**
		1882.5	20.77	20.85	19.91			
		1857.5	20.85	20.89	19.97			
	36RB_19	1907.5	21.05	21.04	20.19			
		1882.5	20.73	20.79	19.88			
		1857.5	20.75	20.81	19.90			
	36RB_0	1907.5	21.08	21.15	20.21			
		1882.5	20.73	20.74	19.85			
		1857.5	20.78	20.85	19.98			
	75RB_0	1907.5	21.08	21.11	20.22			
		1882.5	20.76	20.76	19.88			
		1857.5	20.83	20.83	19.91			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1905.0	21.06	21.13	21.29	**22.5**	**22.5**	**22.5**
		1882.5	20.62	20.87	20.99			
		1860.0	20.59	20.82	20.84			
	1RB_50	1905.0	**21.11**	21.26	21.33			
		1882.5	20.74	20.95	21.00			
		1860.0	20.80	20.99	21.06			
	1RB_0	1905.0	20.68	20.90	20.99			
		1882.5	20.68	20.94	20.90			
		1860.0	20.76	21.09	21.13			
	50RB_50	1905.0	**21.15**	21.16	20.35	**22.5**	**22.5**	**21.5**
		1882.5	20.88	20.85	20.01			
		1860.0	20.69	20.74	19.85			
	50RB_25	1905.0	21.04	21.07	20.25			
		1882.5	20.73	20.73	19.92			
		1860.0	20.81	20.78	19.92			
	50RB_0	1905.0	20.98	21.08	20.28			
		1882.5	20.82	20.88	19.96			
		1860.0	20.76	20.75	19.87			
	100RB_0	1905.0	21.10	21.19	20.35			
		1882.5	20.82	20.86	19.99			
		1860.0	20.70	20.73	19.85			

Power Level A1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	848.3	22.01	22.20	21.27	**23.0**	**23.0**	**22.0**
		831.5	21.85	22.09	21.08			
		814.7	22.27	22.45	21.50			
	1RB_3	848.3	22.02	22.20	21.25			
		831.5	21.89	22.13	21.11			
		814.7	22.29	22.47	21.54			
	1RB_0	848.3	21.94	22.12	21.23			
		831.5	21.86	22.10	21.13			
		814.7	22.31	22.48	21.54			
	3RB_3	848.3	22.04	22.11	21.24			
		831.5	21.84	21.90	21.10			
		814.7	22.30	22.33	21.49			
	3RB_1	848.3	22.00	22.09	21.21			
		831.5	21.90	21.95	21.14			
		814.7	22.32	22.38	21.53			
	3RB_0	848.3	22.01	22.13	21.20			
		831.5	21.89	21.92	21.13			
		814.7	22.33	22.36	21.54			
	6RB_0	848.3	22.06	21.28	20.14	**23.0**	**22.0**	**21.0**
		831.5	21.89	21.11	19.98			
		814.7	22.32	21.49	20.34			

Power Level A1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	847.5	21.99	22.16	21.23	**23.0**	**23.0**	**22.0**
		831.5	21.76	21.95	20.97			
		815.5	22.18	22.37	21.45			
	1RB_7	847.5	21.94	22.09	21.19			
		831.5	21.86	22.07	21.10			
		815.5	22.23	22.41	21.50			
	1RB_0	847.5	21.80	21.98	21.05			
		831.5	21.81	22.07	21.09			
		815.5	22.27	22.40	21.53			
	8RB_7	847.5	21.95	21.18	20.13	**23.0**	**22.0**	**21.0**
		831.5	21.77	21.01	19.95			
		815.5	22.21	21.43	20.41			
	8RB_4	847.5	21.94	21.18	20.08			
		831.5	21.80	21.05	19.99			
		815.5	22.20	21.44	20.41			
	8RB_0	847.5	21.92	21.17	20.08			
		831.5	21.86	21.07	20.03			
		815.5	22.23	21.46	20.44			
	15RB_0	847.5	21.92	21.15	20.05			
		831.5	21.82	20.98	19.92			
		815.5	22.24	21.42	20.37			

Power Level A1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	846.5	22.13	22.25	21.29	**23.0**	**23.0**	**22.0**
		831.5	21.89	22.06	21.06			
		816.5	22.24	22.43	21.44			
	1RB_12	846.5	21.91	22.02	21.16			
		831.5	21.93	22.06	21.17			
		816.5	22.26	22.39	21.53			
	1RB_0	846.5	21.85	22.01	21.04			
		831.5	21.94	22.14	21.20			
		816.5	22.36	22.51	21.53			
	12RB_13	846.5	21.88	21.02	20.03	**23.0**	**22.0**	**21.0**
		831.5	21.80	20.93	19.95			
		816.5	22.20	21.32	20.33			
	12RB_6	846.5	21.89	21.03	20.04			
		831.5	21.89	21.02	20.01			
		816.5	22.22	21.36	20.35			
	12RB_0	846.5	21.94	21.07	20.09			
		831.5	21.90	21.05	20.07			
		816.5	22.29	21.39	20.43			
	25RB_0	846.5	21.92	21.09	20.01			
		831.5	21.80	20.98	19.95			
		816.5	22.21	21.42	20.37			

Power Level A1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	844.0	22.06	22.20	21.25	**23.0**	**23.0**	**22.0**
		831.5	21.80	21.94	21.03			
		819.0	22.04	22.14	21.26			
	1RB_24	844.0	21.84	21.99	21.05			
		831.5	21.94	22.14	21.17			
		819.0	22.17	22.29	21.40			
	1RB_0	844.0	21.65	21.88	20.93			
		831.5	21.96	22.12	21.14			
		819.0	22.22	22.35	21.40			
	25RB_25	844.0	21.75	20.93	19.87	**23.0**	**22.0**	**21.0**
		831.5	21.84	21.01	19.95			
		819.0	22.08	21.20	20.17			
	25RB_12	844.0	21.76	20.93	19.89			
		831.5	21.86	21.04	20.01			
		819.0	22.11	21.24	20.25			
	25RB_0	844.0	21.75	20.90	19.85			
		831.5	21.91	21.04	20.08			
		819.0	22.19	21.35	20.31			
	50RB_0	844.0	21.72	20.90	19.87			
		831.5	21.85	20.96	19.95			
		819.0	22.13	21.26	20.22			

Power Level A1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	841.5	22.00	22.13	21.14	23.0	23.0	22.0
		831.5	21.74	21.96	21.00			
		821.5	21.91	22.15	21.21			
	1RB_37	841.5	21.73	21.97	20.93			
		831.5	21.89	22.12	21.18			
		821.5	22.02	22.23	21.33			
	1RB_0	841.5	21.65	21.90	20.88			
		831.5	21.85	22.11	21.15			
		821.5	**22.18**	22.35	21.46			
	36RB_38	841.5	21.72	20.89	19.87	23.0	22.0	21.0
		831.5	21.77	20.90	19.87			
		821.5	21.93	21.13	20.08			
	36RB_19	841.5	21.72	20.86	19.88			
		831.5	21.84	20.95	20.02			
		821.5	22.06	21.15	20.14			
	36RB_0	841.5	21.72	20.87	19.87			
		831.5	21.88	21.04	20.07			
		821.5	**22.25**	21.21	20.22			
	75RB_0	841.5	21.71	20.87	19.83			
		831.5	21.84	20.94	19.95			
		821.5	22.06	21.14	20.19			

Power Level B1/C1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	848.3	23.10	22.28	21.19	**24.0**	**23.0**	**22.0**
		831.5	22.98	22.23	21.13			
		814.7	23.41	22.53	21.56			
	1RB_3	848.3	23.11	22.27	21.17			
		831.5	22.98	22.26	21.13			
		814.7	23.43	22.56	21.59			
	1RB_0	848.3	23.05	22.21	21.14			
		831.5	23.01	22.23	21.14			
		814.7	23.41	22.54	21.62			
	3RB_3	848.3	23.18	22.15	21.26			
		831.5	22.97	21.97	21.10			
		814.7	23.43	22.43	21.48			
	3RB_1	848.3	23.14	22.17	21.24			
		831.5	23.02	22.03	21.13			
		814.7	23.45	22.47	21.53			
	3RB_0	848.3	23.15	22.16	21.25			
		831.5	23.01	21.98	21.10			
		814.7	23.46	22.46	21.52			
	6RB_0	848.3	22.18	21.34	20.12	**23.0**	**22.0**	**21.0**
		831.5	22.01	21.19	19.99			
		814.7	22.39	21.60	20.38			

Power Level B1/C1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	847.5	23.10	22.25	21.18	**24.0**	**23.0**	**22.0**
		831.5	22.87	22.07	21.01			
		815.5	23.30	22.47	21.48			
	1RB_7	847.5	23.06	22.18	21.14			
		831.5	23.00	22.14	21.14			
		815.5	23.34	22.48	21.52			
	1RB_0	847.5	22.94	22.04	21.02			
		831.5	22.94	22.15	21.11			
		815.5	23.36	22.51	21.55			
	8RB_7	847.5	22.04	21.27	20.12	**23.0**	**22.0**	**21.0**
		831.5	21.87	21.10	19.98			
		815.5	22.32	21.52	20.45			
	8RB_4	847.5	22.03	21.27	20.10			
		831.5	21.91	21.12	20.00			
		815.5	22.29	21.50	20.43			
	8RB_0	847.5	22.01	21.24	20.10			
		831.5	21.93	21.19	20.05			
		815.5	22.31	21.52	20.42			
	15RB_0	847.5	22.01	21.24	20.08			
		831.5	21.89	21.09	19.95			
		815.5	22.33	21.51	20.37			

Power Level B1/C1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	846.5	23.20	22.25	21.28	**24.0**	**23.0**	**22.0**
		831.5	22.94	22.10	21.07			
		816.5	23.33	22.45	21.41			
	1RB_12	846.5	23.03	22.06	21.12			
		831.5	23.02	22.20	21.15			
		816.5	23.37	22.47	21.47			
	1RB_0	846.5	22.87	22.00	20.99			
		831.5	23.02	22.21	21.17			
		816.5	23.49	22.57	21.54			
	12RB_13	846.5	21.97	21.11	20.02	**23.0**	**22.0**	**21.0**
		831.5	21.88	21.01	19.92			
		816.5	22.29	21.40	20.37			
	12RB_6	846.5	21.95	21.10	20.01			
		831.5	21.96	21.09	20.01			
		816.5	22.31	21.45	20.36			
	12RB_0	846.5	22.03	21.16	20.08			
		831.5	21.99	21.11	20.05			
		816.5	22.35	21.50	20.42			
	25RB_0	846.5	21.99	21.17	20.00			
		831.5	21.89	21.06	19.95			
		816.5	22.31	21.47	20.36			

Power Level B1/C1								
LTE Band 26			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	844.0	23.21	22.35	21.22	**24.0**	**23.0**	**22.0**
		831.5	22.93	22.11	21.03			
		819.0	23.16	22.33	21.23			
	1RB_24	844.0	22.93	22.08	21.00			
		831.5	23.05	22.19	21.21			
		819.0	23.26	22.39	21.40			
	1RB_0	844.0	22.88	22.05	20.91			
		831.5	23.08	22.27	21.19			
		819.0	23.38	22.52	21.47			
	25RB_25	844.0	21.81	21.01	19.89	**23.0**	**22.0**	**21.0**
		831.5	21.89	21.06	19.98			
		819.0	22.15	21.34	20.22			
	25RB_12	844.0	21.82	21.02	19.89			
		831.5	21.93	21.09	20.02			
		819.0	22.20	21.32	20.28			
	25RB_0	844.0	21.82	21.00	19.90			
		831.5	21.99	21.13	20.05			
		819.0	22.27	21.43	20.36			
	50RB_0	844.0	21.81	20.94	19.88			
		831.5	21.94	21.03	20.00			
		819.0	22.19	21.34	20.28			

Power Level B1/C1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	841.5	23.02	22.26	21.24	24.0	23.0	22.0
		831.5	22.87	22.06	21.08			
		821.5	23.06	22.21	21.23			
	1RB_37	841.5	22.82	22.05	21.03			
		831.5	23.01	22.18	21.22			
		821.5	23.16	22.29	21.31			
	1RB_0	841.5	22.82	22.06	21.01			
		831.5	23.01	22.16	21.20			
		821.5	**23.30**	22.44	21.43			
	36RB_38	841.5	21.81	20.94	19.90	23.0	22.0	21.0
		831.5	21.85	20.97	19.94			
		821.5	22.02	21.18	20.16			
	36RB_19	841.5	21.79	20.93	19.90			
		831.5	21.94	21.04	20.05			
		821.5	22.09	21.20	20.18			
	36RB_0	841.5	21.80	20.93	19.88			
		831.5	22.00	21.11	20.11			
		821.5	**22.19**	21.31	20.29			
	75RB_0	841.5	21.80	20.93	19.88			
		831.5	21.91	21.02	20.00			
		821.5	22.13	21.20	20.23			

Ant.5 - Power Level A2/C2								
LTE Band 38			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2617.5	21.92	21.05	19.99	23.5	22.5	21.5
		2595.0	21.93	21.00	19.90			
		2572.5	22.26	21.23	20.15			
	1RB_12	2617.5	22.07	21.04	19.96			
		2595.0	22.16	21.02	19.95			
		2572.5	22.16	21.19	20.12			
	1RB_0	2617.5	22.03	21.03	19.97			
		2595.0	22.11	21.01	19.95			
		2572.5	22.20	21.14	20.09			
	12RB_13	2617.5	21.26	19.78	19.00	22.5	21.5	20.5
		2595.0	21.34	19.70	18.77			
		2572.5	21.04	19.96	19.03			
	12RB_6	2617.5	21.21	19.78	19.00			
		2595.0	21.25	19.74	18.81			
		2572.5	21.16	19.96	19.02			
	12RB_0	2617.5	21.30	19.83	19.04			
		2595.0	21.28	19.79	18.88			
		2572.5	21.25	19.97	19.02			
	25RB_0	2617.5	21.14	19.88	19.07			
		2595.0	21.17	19.83	18.86			
		2572.5	21.06	20.04	19.08			

Ant.5 - Power Level A2/C2								
LTE Band 38			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2615.0	21.88	21.03	19.93	**23.5**	**22.5**	**21.5**
		2595.0	21.86	20.94	19.80			
		2575.0	22.33	21.29	20.20			
	1RB_24	2615.0	21.99	21.03	19.89			
		2595.0	22.09	21.03	19.91			
		2575.0	22.12	21.24	20.11			
	1RB_0	2615.0	21.99	21.04	19.92			
		2595.0	22.14	21.08	19.94			
		2575.0	22.16	21.14	20.01			
	25RB_25	2615.0	21.22	19.83	19.01	**22.5**	**21.5**	**20.5**
		2595.0	21.35	19.82	18.84			
		2575.0	21.13	20.13	19.16			
	25RB_12	2615.0	21.23	19.87	19.05			
		2595.0	21.29	19.85	18.85			
		2575.0	21.23	20.11	19.15			
	25RB_0	2615.0	21.30	19.92	19.09			
		2595.0	21.32	19.91	18.91			
		2575.0	21.27	20.06	19.07			
	50RB_0	2615.0	21.17	19.88	19.02			
		2595.0	21.17	19.86	18.83			
		2575.0	21.12	20.07	19.06			

Ant.5 - Power Level A2/C2								
LTE Band 38			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2612.5	21.80	20.96	19.89	23.5	22.5	21.5
		2595.0	21.80	20.87	19.76			
		2577.5	22.40	21.39	20.27			
	1RB_37	2612.5	21.97	21.01	19.88			
		2595.0	22.09	21.04	19.90			
		2577.5	22.21	21.33	20.21			
	1RB_0	2612.5	21.89	20.94	19.80			
		2595.0	22.11	21.02	19.91			
		2577.5	22.15	21.12	20.02			
	36RB_38	2612.5	21.21	19.77	18.97	22.5	21.5	20.5
		2595.0	21.31	19.73	18.74			
		2577.5	21.23	20.17	19.19			
	36RB_19	2612.5	21.15	19.77	18.93			
		2595.0	21.25	19.74	18.77			
		2577.5	21.26	20.11	19.13			
	36RB_0	2612.5	21.25	19.80	18.96			
		2595.0	21.29	19.82	18.85			
		2577.5	21.32	20.03	19.04			
	75RB_0	2612.5	21.15	19.86	19.00			
		2595.0	21.14	19.81	18.78			
		2577.5	21.20	20.17	19.13			

Ant.5 - Power Level A2/C2								
LTE Band 38			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2610.0	21.85	20.94	19.88	23.5	22.5	21.5
		2595.0	21.74	20.79	19.68			
		2580.0	22.25	21.22	20.10			
	1RB_50	2610.0	22.02	21.01	19.91			
		2595.0	22.14	21.05	19.92			
		2580.0	**22.26**	21.35	20.23			
	1RB_0	2610.0	21.76	20.78	19.71			
		2595.0	22.12	21.04	19.90			
		2580.0	22.14	21.09	19.99			
	50RB_50	2610.0	21.26	19.80	18.99	22.5	21.5	20.5
		2595.0	21.35	19.78	18.74			
		2580.0	21.26	20.22	19.20			
	50RB_25	2610.0	21.24	19.85	19.03			
		2595.0	21.34	19.88	18.90			
		2580.0	**21.37**	20.23	19.21			
	50RB_0	2610.0	21.29	19.84	19.02			
		2595.0	21.37	19.93	18.94			
		2580.0	21.37	20.12	19.13			
	100RB_0	2610.0	21.12	19.79	18.97			
		2595.0	21.17	19.82	18.83			
		2580.0	21.21	20.16	19.13			

Ant.5 - Power Level B2								
LTE Band 38			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2617.5	20.80	20.72	19.79	**22.5**	**22.5**	**21.5**
		2595.0	20.81	20.86	19.89			
		2572.5	21.28	21.17	20.21			
	1RB_12	2617.5	21.00	20.75	19.85			
		2595.0	21.41	20.95	20.01			
		2572.5	21.25	21.09	20.14			
	1RB_0	2617.5	20.72	20.75	19.84			
		2595.0	20.88	20.90	19.99			
		2572.5	21.13	21.03	20.14			
	12RB_13	2617.5	21.27	19.60	18.79	**22.5**	**21.5**	**20.5**
		2595.0	21.13	19.79	18.81			
		2572.5	21.22	20.08	19.08			
	12RB_6	2617.5	21.22	19.66	18.84			
		2595.0	21.37	19.82	18.85			
		2572.5	21.25	20.04	19.06			
	12RB_0	2617.5	21.20	19.70	18.89			
		2595.0	21.28	19.86	18.88			
		2572.5	21.15	20.03	19.03			
	25RB_0	2617.5	21.18	19.75	18.89			
		2595.0	21.24	19.93	18.90			
		2572.5	21.16	20.19	19.11			

Ant.5 - Power Level B2								
LTE Band 38			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2615.0	20.77	20.69	19.77	22.5	22.5	21.5
		2595.0	20.72	20.77	19.82			
		2575.0	21.34	21.20	20.23			
	1RB_24	2615.0	20.94	20.70	19.77			
		2595.0	21.31	20.93	19.97			
		2575.0	21.27	21.17	20.18			
	1RB_0	2615.0	20.74	20.76	19.83			
		2595.0	20.88	20.97	20.00			
		2575.0	21.14	21.05	20.10			
	25RB_25	2615.0	21.27	19.70	18.84	22.5	21.5	20.5
		2595.0	21.05	19.84	18.81			
		2575.0	21.27	20.20	19.18			
	25RB_12	2615.0	21.27	19.74	18.88			
		2595.0	21.36	19.89	18.89			
		2575.0	21.28	20.18	19.14			
	25RB_0	2615.0	21.21	19.74	18.91			
		2595.0	21.30	19.94	18.93			
		2575.0	21.16	20.14	19.11			
	50RB_0	2615.0	21.20	19.73	18.84			
		2595.0	21.23	19.89	18.84			
		2575.0	21.22	20.15	19.10			

Ant.5 - Power Level B2								
LTE Band 38			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2612.5	20.67	20.61	19.70	**22.5**	**22.5**	**21.5**
		2595.0	20.60	20.67	19.72			
		2577.5	21.37	21.27	20.29			
	1RB_37	2612.5	20.91	20.69	19.78			
		2595.0	21.30	20.90	19.93			
		2577.5	21.28	21.19	20.22			
	1RB_0	2612.5	20.62	20.67	19.75			
		2595.0	20.80	20.91	19.98			
		2577.5	21.07	20.99	20.06			
	36RB_38	2612.5	21.24	19.58	18.79	**22.5**	**21.5**	**20.5**
		2595.0	21.03	19.71	18.85			
		2577.5	21.33	20.21	19.18			
	36RB_19	2612.5	21.21	19.65	18.78			
		2595.0	21.29	19.76	18.77			
		2577.5	21.34	20.16	19.15			
	36RB_0	2612.5	21.14	19.67	18.88			
		2595.0	21.26	19.86	18.82			
		2577.5	21.15	20.08	19.08			
	75RB_0	2612.5	21.13	19.68	18.81			
		2595.0	21.19	19.84	18.78			
		2577.5	21.23	20.18	19.15			

Ant.5 - Power Level B2								
LTE Band 38			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2610.0	20.63	20.55	19.61	22.5	22.5	21.5
		2595.0	20.59	20.61	19.64			
		2580.0	21.21	21.13	20.17			
	1RB_50	2610.0	20.88	20.68	19.76			
		2595.0	21.25	20.88	19.96			
		2580.0	**21.35**	21.22	20.25			
	1RB_0	2610.0	20.75	20.59	19.57			
		2595.0	20.78	20.90	19.92			
		2580.0	21.04	20.99	20.03			
	50RB_50	2610.0	21.21	19.64	18.74	22.5	21.5	20.5
		2595.0	20.99	19.76	18.87			
		2580.0	21.22	20.23	19.19			
	50RB_25	2610.0	21.20	19.67	18.81			
		2595.0	21.31	19.82	18.80			
		2580.0	**21.34**	20.27	19.23			
	50RB_0	2610.0	21.10	19.68	18.81			
		2595.0	21.28	19.89	18.88			
		2580.0	21.19	20.14	19.11			
	100RB_0	2610.0	21.10	19.64	18.76			
		2595.0	21.15	19.83	18.78			
		2580.0	21.19	20.17	19.11			

Power Level A1/B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	20.97	20.99	20.73	21.5	21.5	21.5
		2640.3	21.00	21.08	20.84			
		2593.0	20.93	21.04	20.76			
		2545.8	21.34	21.40	21.14			
		2498.5	21.25	21.27	21.02			
	1RB_12	2687.5	21.03	21.00	20.80			
		2640.3	21.09	21.12	20.90			
		2593.0	21.04	21.03	20.81			
		2545.8	21.38	21.35	21.11			
		2498.5	21.22	21.18	20.99			
	1RB_0	2687.5	20.99	20.99	20.80			
		2640.3	21.16	21.17	20.98			
		2593.0	21.03	21.11	20.81			
		2545.8	21.23	21.31	21.06			
		2498.5	21.15	21.17	20.95			
	12RB_13	2687.5	20.96	20.92	20.66	21.5	21.5	21.5
		2640.3	20.99	20.97	20.73			
		2593.0	20.93	20.90	20.65			
		2545.8	21.26	21.23	20.97			
		2498.5	21.17	21.14	20.89			
	12RB_6	2687.5	20.97	20.94	20.68			
		2640.3	21.05	21.04	20.78			
		2593.0	20.94	20.90	20.69			
		2545.8	21.26	21.26	21.01			
		2498.5	21.16	21.13	20.88			
	12RB_0	2687.5	21.01	21.01	20.74			
		2640.3	21.11	21.09	20.84			
		2593.0	21.01	20.96	20.72			
		2545.8	21.29	21.26	21.03			
		2498.5	21.14	21.12	20.87			
	25RB_0	2687.5	20.98	21.03	20.74			
		2640.3	21.07	21.13	20.83			
		2593.0	20.98	21.03	20.75			
		2545.8	21.29	21.35	21.07			
		2498.5	21.17	21.25	20.94			

Power Level A1/B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	20.98	21.02	20.77	21.5	21.5	21.5
		2639.0	20.99	21.04	20.79			
		2593.0	21.03	21.07	20.82			
		2547.0	21.33	21.40	21.14			
		2501.0	21.28	21.32	21.09			
	1RB_24	2685.0	20.99	21.07	20.82			
		2639.0	21.13	21.20	20.94			
		2593.0	21.00	21.07	20.80			
		2547.0	21.32	21.33	21.11			
		2501.0	21.21	21.26	21.02			
	1RB_0	2685.0	21.04	21.03	20.84			
		2639.0	21.17	21.18	20.97			
		2593.0	21.04	21.06	20.82			
		2547.0	21.24	21.28	21.02			
		2501.0	21.14	21.18	20.92			
	25RB_25	2685.0	20.95	21.02	20.71	21.5	21.5	21.5
		2639.0	21.01	21.09	20.79			
		2593.0	20.88	20.94	20.67			
		2547.0	21.30	21.38	21.07			
		2501.0	21.25	21.29	21.01			
	25RB_12	2685.0	21.00	21.05	20.74			
		2639.0	21.13	21.17	20.90			
		2593.0	20.95	21.01	20.73			
		2547.0	21.31	21.34	21.07			
		2501.0	21.22	21.22	20.97			
	25RB_0	2685.0	20.99	21.09	20.78			
		2639.0	21.03	21.07	20.79			
		2593.0	21.00	21.06	20.77			
		2547.0	21.31	21.34	21.08			
		2501.0	21.19	21.23	20.96			
	50RB_0	2685.0	21.00	21.03	20.71			
		2639.0	21.17	21.15	20.86			
		2593.0	20.96	20.96	20.68			
		2547.0	21.32	21.34	21.03			
		2501.0	21.22	21.28	20.96			

Power Level A1/B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	20.93	20.94	20.73	21.5	21.5	21.5
		2637.8	20.87	20.91	20.70			
		2593.0	21.01	20.98	20.75			
		2548.3	21.27	21.34	21.07			
		2503.5	21.36	21.40	21.14			
	1RB_37	2682.5	21.00	21.05	20.83			
		2637.8	21.16	21.17	20.95			
		2593.0	20.98	21.04	20.76			
		2548.3	21.30	21.34	21.13			
		2503.5	21.26	21.31	21.08			
	1RB_0	2682.5	20.97	20.96	20.78			
		2637.8	21.02	21.05	20.81			
		2593.0	20.99	21.03	20.82			
		2548.3	21.17	21.23	20.99			
		2503.5	21.12	21.14	20.90			
	36RB_38	2682.5	20.92	20.94	20.63	21.5	21.5	21.5
		2637.8	20.98	20.97	20.70			
		2593.0	21.01	20.98	20.74			
		2548.3	21.28	21.27	20.99			
		2503.5	21.36	21.34	21.03			
	36RB_19	2682.5	20.94	20.94	20.70			
		2637.8	21.10	21.10	20.84			
		2593.0	20.93	20.93	20.63			
		2548.3	21.30	21.28	21.03			
		2503.5	21.29	21.29	21.00			
	36RB_0	2682.5	20.96	20.97	20.69			
		2637.8	21.06	21.08	20.78			
		2593.0	21.00	20.93	20.71			
		2548.3	21.28	21.28	21.00			
		2503.5	21.18	21.19	20.96			
	75RB_0	2682.5	20.96	21.00	20.69			
		2637.8	21.09	21.11	20.84			
		2593.0	20.95	20.95	20.67			
		2548.3	21.34	21.32	21.05			
		2503.5	21.28	21.27	21.01			

Power Level A1/B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	20.91	20.89	20.68	21.5	21.5	21.5
		2636.5	20.84	20.87	20.63			
		2593.0	20.86	20.90	20.65			
		2549.5	21.23	21.28	21.02			
		2506.0	21.21	21.27	21.04			
	1RB_50	2680.0	21.04	21.03	20.80			
		2636.5	21.05	21.05	20.83			
		2593.0	21.03	21.04	20.74			
		2549.5	**21.33**	21.38	21.14			
		2506.0	21.30	21.34	21.10			
	1RB_0	2680.0	20.83	20.83	20.59			
		2636.5	20.95	21.00	20.76			
		2593.0	21.02	21.05	20.81			
		2549.5	21.17	21.19	20.95			
		2506.0	21.10	21.15	20.88			
	50RB_50	2680.0	20.94	20.99	20.68	21.5	21.5	21.5
		2636.5	21.05	21.09	20.74			
		2593.0	21.02	21.10	20.73			
		2549.5	21.32	21.33	21.03			
		2506.0	21.37	21.37	21.04			
	50RB_25	2680.0	21.05	21.04	20.72			
		2636.5	21.17	21.07	20.76			
		2593.0	21.10	20.98	20.69			
		2549.5	21.37	21.38	21.10			
		2506.0	**21.40**	21.41	21.09			
	50RB_0	2680.0	21.02	21.04	20.74			
		2636.5	21.11	21.13	20.85			
		2593.0	21.07	21.09	20.76			
		2549.5	21.35	21.39	21.06			
		2506.0	21.29	21.28	20.96			
	100RB_0	2680.0	21.00	21.03	20.69			
		2636.5	21.12	21.15	20.83			
		2593.0	20.95	20.97	20.65			
		2549.5	21.35	21.33	21.05			
		2506.0	21.28	21.30	20.98			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	21.87	21.89	21.44	22.5	22.5	22.5
		2640.3	21.91	21.97	21.41			
		2593.0	22.01	22.03	21.35			
		2545.8	22.39	22.38	21.63			
		2498.5	22.29	22.34	21.60			
	1RB_12	2687.5	21.93	21.92	21.41			
		2640.3	22.04	22.03	21.51			
		2593.0	22.13	22.12	21.40			
		2545.8	22.49	22.35	21.65			
		2498.5	22.27	22.26	21.57			
	1RB_0	2687.5	21.89	21.92	21.42			
		2640.3	22.06	22.09	21.54			
		2593.0	22.11	22.07	21.40			
		2545.8	22.37	22.31	21.62			
		2498.5	22.20	22.20	21.54			
	12RB_13	2687.5	21.82	21.77	20.70	22.5	22.5	21.5
		2640.3	21.92	21.88	20.57			
		2593.0	22.00	21.96	20.47			
		2545.8	22.34	22.32	20.81			
		2498.5	22.28	22.25	20.73			
	12RB_6	2687.5	21.82	21.83	20.70			
		2640.3	21.96	21.94	20.64			
		2593.0	22.03	21.99	20.51			
		2545.8	22.35	22.31	20.80			
		2498.5	22.25	22.21	20.72			
	12RB_0	2687.5	21.88	21.87	20.74			
		2640.3	22.02	21.98	20.69			
		2593.0	22.06	22.03	20.58			
		2545.8	22.38	22.34	20.83			
		2498.5	22.25	22.20	20.72			
	25RB_0	2687.5	21.87	21.92	20.77			
		2640.3	21.99	22.02	20.65			
		2593.0	22.04	22.10	20.56			
		2545.8	22.37	22.42	20.85			
		2498.5	22.26	22.36	20.78			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	21.84	21.86	21.38	22.5	22.5	22.5
		2639.0	21.90	21.91	21.35			
		2593.0	21.92	21.94	21.25			
		2547.0	22.42	22.42	21.66			
		2501.0	22.35	22.37	21.65			
	1RB_24	2685.0	21.87	21.87	21.34			
		2639.0	22.00	22.05	21.47			
		2593.0	22.03	22.10	21.36			
		2547.0	22.37	22.38	21.64			
		2501.0	22.29	22.34	21.56			
	1RB_0	2685.0	21.91	21.93	21.37			
		2639.0	22.19	22.23	21.62			
		2593.0	22.11	22.14	21.39			
		2547.0	22.29	22.34	21.55			
		2501.0	22.21	22.22	21.46			
	25RB_25	2685.0	21.82	21.87	20.71	22.5	22.5	21.5
		2639.0	21.92	21.98	20.63			
		2593.0	21.92	22.01	20.54			
		2547.0	22.38	22.42	20.90			
		2501.0	22.33	22.37	20.86			
	25RB_12	2685.0	21.87	21.91	20.75			
		2639.0	22.04	22.07	20.71			
		2593.0	22.02	22.06	20.55			
		2547.0	22.38	22.40	20.88			
		2501.0	22.28	22.35	20.85			
	25RB_0	2685.0	21.89	21.91	20.79			
		2639.0	22.04	22.12	20.75			
		2593.0	22.08	22.11	20.61			
		2547.0	22.37	22.42	20.85			
		2501.0	22.26	22.31	20.77			
	50RB_0	2685.0	21.89	21.90	20.72			
		2639.0	22.03	22.05	20.69			
		2593.0	22.03	22.06	20.53			
		2547.0	22.39	22.42	20.85			
		2501.0	22.32	22.32	20.76			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	21.74	21.78	21.34	22.5	22.5	22.5
		2637.8	21.72	21.79	21.28			
		2593.0	21.80	21.84	21.21			
		2548.3	22.29	22.36	21.59			
		2503.5	22.38	22.44	21.72			
	1RB_37	2682.5	21.84	21.86	21.33			
		2637.8	22.00	22.03	21.50			
		2593.0	22.02	22.07	21.35			
		2548.3	22.34	22.41	21.65			
		2503.5	22.30	22.36	21.66			
	1RB_0	2682.5	21.79	21.84	21.25			
		2637.8	22.03	22.07	21.48			
		2593.0	22.03	22.08	21.36			
		2548.3	22.22	22.27	21.52			
		2503.5	22.14	22.16	21.47			
	36RB_38	2682.5	21.79	21.75	20.67	22.5	22.5	21.5
		2637.8	21.89	21.86	20.57			
		2593.0	21.90	21.88	20.44			
		2548.3	22.33	22.31	20.82			
		2503.5	22.39	22.38	20.89			
	36RB_19	2682.5	21.81	21.82	20.63			
		2637.8	21.98	21.98	20.67			
		2593.0	21.95	21.93	20.47			
		2548.3	22.34	22.34	20.79			
		2503.5	22.34	22.33	20.83			
	36RB_0	2682.5	21.82	21.84	20.66			
		2637.8	22.07	22.05	20.75			
		2593.0	22.04	22.03	20.55			
		2548.3	22.31	22.30	20.78			
		2503.5	22.25	22.25	20.74			
	75RB_0	2682.5	21.82	21.85	20.70			
		2637.8	21.99	22.01	20.65			
		2593.0	21.99	22.01	20.48			
		2548.3	22.41	22.42	20.84			
		2503.5	22.33	22.35	20.83			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	21.70	21.72	21.33	22.5	22.5	22.5
		2636.5	21.64	21.71	21.27			
		2593.0	21.69	21.78	21.13			
		2549.5	22.23	22.27	21.52			
		2506.0	22.22	22.30	21.55			
	1RB_50	2680.0	21.81	21.85	21.36			
		2636.5	22.02	22.07	21.53			
		2593.0	21.97	22.05	21.37			
		2549.5	**22.36**	22.38	21.65			
		2506.0	22.37	22.39	21.68			
	1RB_0	2680.0	21.62	21.66	21.16			
		2636.5	21.92	21.99	21.41			
		2593.0	22.01	22.07	21.35			
		2549.5	22.16	22.21	21.48			
		2506.0	22.11	22.16	21.44			
	50RB_50	2680.0	21.76	21.81	20.69	22.5	22.5	21.5
		2636.5	21.82	21.89	20.63			
		2593.0	21.86	21.93	20.44			
		2549.5	22.22	22.37	20.82			
		2506.0	22.28	22.40	20.90			
	50RB_25	2680.0	21.80	21.84	20.73			
		2636.5	22.02	22.05	20.78			
		2593.0	21.97	21.99	20.60			
		2549.5	22.31	22.42	20.90			
		2506.0	**22.34**	22.44	20.91			
	50RB_0	2680.0	21.78	21.85	20.72			
		2636.5	22.09	22.12	20.76			
		2593.0	22.06	22.06	20.64			
		2549.5	22.28	22.42	20.87			
		2506.0	22.29	22.31	20.83			
	100RB_0	2680.0	21.79	21.81	20.67			
		2636.5	21.95	21.97	20.70			
		2593.0	21.95	22.00	20.53			
		2549.5	22.35	22.37	20.84			
		2506.0	22.29	22.34	20.83			

Power Level A1/C1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	3547.5	23.05	22.05	20.85	**24.5**	**23.5**	**22.5**
		3500.0	23.43	22.39	21.15			
		3452.5	22.98	21.98	20.71			
	1RB_12	3547.5	23.12	22.08	20.88			
		3500.0	23.49	22.44	21.19			
		3452.5	23.02	22.02	20.71			
	1RB_0	3547.5	23.10	22.06	20.85			
		3500.0	23.42	22.36	21.10			
		3452.5	23.06	22.02	20.77			
	12RB_13	3547.5	21.96	20.89	20.15	**23.5**	**22.5**	**21.5**
		3500.0	22.33	21.28	20.35			
		3452.5	21.89	20.84	20.08			
	12RB_6	3547.5	21.98	20.91	20.16			
		3500.0	22.32	21.24	20.43			
		3452.5	21.94	20.88	20.05			
	12RB_0	3547.5	22.05	20.98	20.21			
		3500.0	22.34	21.25	20.48			
		3452.5	21.99	20.91	20.13			
	25RB_0	3547.5	21.99	21.00	20.23			
		3500.0	22.35	21.33	20.56			
		3452.5	21.95	20.95	20.15			

Power Level A1/C1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	3545.0	23.01	22.03	20.62	**24.5**	**23.5**	**22.5**
		3500.0	23.39	22.36	20.98			
		3455.0	22.92	21.89	20.51			
	1RB_24	3545.0	23.04	22.09	20.68			
		3500.0	23.45	22.46	21.03			
		3455.0	23.00	22.03	20.60			
	1RB_0	3545.0	23.04	22.03	20.64			
		3500.0	23.36	22.33	20.96			
		3455.0	23.05	22.02	20.63			
	25RB_25	3545.0	21.98	20.99	20.07	**23.5**	**22.5**	**21.5**
		3500.0	22.36	21.38	20.31			
		3455.0	21.90	20.89	19.98			
	25RB_12	3545.0	21.97	20.98	20.07			
		3500.0	22.31	21.31	20.37			
		3455.0	21.93	20.95	20.04			
	25RB_0	3545.0	21.99	21.01	20.10			
		3500.0	22.32	21.32	20.38			
		3455.0	21.93	20.94	20.00			
	50RB_0	3545.0	22.03	20.98	20.03			
		3500.0	22.37	21.34	20.39			
		3455.0	21.96	20.96	20.01			

Power Level A1/C1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	3542.5	22.97	22.00	20.57	**24.5**	**23.5**	**22.5**
		3500.0	23.35	22.35	20.95			
		3457.5	22.80	21.84	20.71			
	1RB_37	3542.5	23.06	22.05	20.64			
		3500.0	23.44	22.42	21.00			
		3457.5	22.94	21.93	20.50			
	1RB_0	3542.5	23.01	22.02	20.60			
		3500.0	23.35	22.29	20.91			
		3457.5	22.99	21.97	20.59			
	36RB_38	3542.5	21.97	20.95	20.02	**23.5**	**22.5**	**21.5**
		3500.0	22.38	21.27	20.19			
		3457.5	21.79	20.75	19.79			
	36RB_19	3542.5	21.97	20.93	19.97			
		3500.0	22.35	21.26	20.33			
		3457.5	21.83	20.80	19.88			
	36RB_0	3542.5	21.98	20.90	20.03			
		3500.0	22.24	21.25	20.27			
		3457.5	21.92	20.83	19.94			
	75RB_0	3542.5	21.98	21.00	20.03			
		3500.0	22.37	21.31	20.36			
		3457.5	21.89	20.85	19.91			

Power Level A1/C1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	3540.0	22.93	21.97	20.51	**24.5**	**23.5**	**22.5**
		3500.0	23.43	22.34	20.91			
		3460.0	22.86	21.81	20.59			
	1RB_50	3540.0	23.19	22.05	20.58			
		3500.0	**23.53**	22.44	21.00			
		3460.0	23.07	21.91	20.57			
	1RB_0	3540.0	23.17	22.07	20.64			
		3500.0	23.34	22.25	20.84			
		3460.0	23.03	21.96	20.55			
	50RB_50	3540.0	22.17	21.01	19.95	**23.5**	**22.5**	**21.5**
		3500.0	**22.49**	21.39	20.23			
		3460.0	21.99	20.86	19.85			
	50RB_25	3540.0	22.15	21.01	20.06			
		3500.0	22.45	21.37	20.41			
		3460.0	21.93	20.93	19.92			
	50RB_0	3540.0	22.12	21.04	20.03			
		3500.0	22.39	21.33	20.38			
		3460.0	21.97	20.95	19.96			
	100RB_0	3540.0	22.11	21.03	20.00			
		3500.0	22.38	21.32	20.33			
		3460.0	21.94	20.87	19.87			

Power Level B1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	3547.5	20.77	20.91	20.53	**22.5**	**22.5**	**22.5**
		3500.0	21.38	21.47	21.13			
		3452.5	20.81	20.90	20.54			
	1RB_12	3547.5	20.85	20.92	20.55			
		3500.0	21.42	21.43	21.15			
		3452.5	20.88	20.95	20.61			
	1RB_0	3547.5	20.79	20.86	20.54			
		3500.0	21.36	21.39	21.10			
		3452.5	20.88	20.96	20.62			
	12RB_13	3547.5	20.76	20.74	19.88	**22.5**	**22.5**	**21.5**
		3500.0	21.31	21.31	20.29			
		3452.5	20.81	20.76	19.91			
	12RB_6	3547.5	20.77	20.78	19.94			
		3500.0	21.34	21.31	20.33			
		3452.5	20.86	20.82	19.98			
	12RB_0	3547.5	20.79	20.77	19.92			
		3500.0	21.35	21.32	20.31			
		3452.5	20.88	20.86	20.01			
	25RB_0	3547.5	20.84	20.86	19.95			
		3500.0	21.38	21.40	20.39			
		3452.5	20.86	20.86	19.99			

Power Level B1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	3545.0	20.76	20.86	20.68	**22.5**	**22.5**	**22.5**
		3500.0	21.35	21.40	21.06			
		3455.0	20.80	20.87	20.53			
	1RB_24	3545.0	20.79	20.89	20.52			
		3500.0	21.38	21.50	21.14			
		3455.0	20.83	20.94	20.55			
	1RB_0	3545.0	20.76	20.85	20.53			
		3500.0	21.31	21.37	21.03			
		3455.0	20.87	20.94	20.61			
	25RB_25	3545.0	20.77	20.82	19.94	**22.5**	**22.5**	**21.5**
		3500.0	21.36	21.39	20.37			
		3455.0	20.83	20.85	20.04			
	25RB_12	3545.0	20.77	20.82	19.94			
		3500.0	21.32	21.36	20.37			
		3455.0	20.85	20.87	20.02			
	25RB_0	3545.0	20.78	20.82	19.92			
		3500.0	21.35	21.37	20.36			
		3455.0	20.87	20.88	20.01			
	50RB_0	3545.0	20.81	20.81	19.90			
		3500.0	21.32	21.34	20.32			
		3455.0	20.85	20.88	19.97			

Power Level B1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	3542.5	21.43	20.84	20.76	**22.5**	**22.5**	**22.5**
		3500.0	21.30	21.38	21.02			
		3457.5	20.68	20.75	20.64			
	1RB_37	3542.5	21.43	20.84	20.77			
		3500.0	21.38	21.46	21.13			
		3457.5	20.78	20.86	20.53			
	1RB_0	3542.5	21.43	20.81	20.74			
		3500.0	21.26	21.34	21.06			
		3457.5	20.84	20.89	20.53			
	36RB_38	3542.5	21.43	20.69	19.84	**22.5**	**22.5**	**21.5**
		3500.0	21.29	21.30	20.24			
		3457.5	20.75	20.69	19.82			
	36RB_19	3542.5	20.72	20.72	19.81			
		3500.0	21.31	21.31	20.25			
		3457.5	20.77	20.74	19.88			
	36RB_0	3542.5	20.75	20.70	19.84			
		3500.0	21.36	21.27	20.29			
		3457.5	20.82	20.76	19.89			
	75RB_0	3542.5	20.75	20.81	19.85			
		3500.0	21.37	21.39	20.32			
		3457.5	20.79	20.81	19.89			

Power Level B1								
LTE Band 42			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	3540.0	20.66	20.74	20.71	**22.5**	**22.5**	**22.5**
		3500.0	21.22	21.30	20.98			
		3460.0	20.68	20.74	20.59			
	1RB_50	3540.0	20.80	20.80	20.77			
		3500.0	**21.40**	21.44	21.10			
		3460.0	20.87	20.82	20.51			
	1RB_0	3540.0	20.77	20.84	20.69			
		3500.0	21.22	21.30	20.96			
		3460.0	20.82	20.87	20.53			
	50RB_50	3540.0	20.77	20.78	19.87	**22.5**	**22.5**	**21.5**
		3500.0	**21.37**	21.42	20.34			
		3460.0	20.88	20.77	19.87			
	50RB_25	3540.0	20.76	20.76	19.89			
		3500.0	21.33	21.34	20.32			
		3460.0	20.82	20.81	19.87			
	50RB_0	3540.0	20.74	20.81	19.91			
		3500.0	21.31	21.34	20.30			
		3460.0	20.83	20.83	19.94			
	100RB_0	3540.0	20.71	20.76	19.86			
		3500.0	21.35	21.35	20.29			
		3460.0	20.76	20.79	19.86			

Power Level A1/B1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	3697.5	20.56	20.60	20.59	22.5	22.5	22.5
		3649.2	20.67	20.79	20.71			
		3600.8	21.07	21.18	20.82			
		3552.5	21.36	21.46	21.10			
	1RB_12	3697.5	20.51	20.66	20.52			
		3649.2	20.83	20.89	20.53			
		3600.8	21.25	21.28	20.92			
		3552.5	21.47	21.48	21.13			
	1RB_0	3697.5	20.59	20.68	20.52			
		3649.2	20.81	20.90	20.54			
		3600.8	21.22	21.27	20.95			
		3552.5	21.45	21.54	21.19			
	12RB_13	3697.5	20.56	20.55	19.66	22.5	22.5	21.5
		3649.2	20.69	20.65	19.75			
		3600.8	21.11	21.06	20.20			
		3552.5	21.38	21.32	20.29			
	12RB_6	3697.5	20.51	20.50	19.58			
		3649.2	20.73	20.74	19.84			
		3600.8	21.15	21.13	20.30			
		3552.5	21.41	21.39	20.36			
	12RB_0	3697.5	20.56	20.51	19.54			
		3649.2	20.77	20.77	19.88			
		3600.8	21.22	21.17	20.28			
		3552.5	21.47	21.41	20.40			
	25RB_0	3697.5	20.52	20.55	19.61			
		3649.2	20.78	20.81	19.91			
		3600.8	21.17	21.19	20.30			
		3552.5	21.44	21.48	20.42			

Power Level A1/B1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	3695.0	20.62	20.54	20.73	22.5	22.5	22.5
		3648.3	20.59	20.69	20.72			
		3601.7	21.01	21.11	20.71			
		3555.0	21.24	21.34	20.98			
	1RB_24	3695.0	20.51	20.67	20.57			
		3648.3	20.73	20.89	20.66			
		3601.7	21.13	21.29	20.88			
		3555.0	21.39	21.52	21.13			
	1RB_0	3695.0	20.58	20.67	20.58			
		3648.3	20.85	20.95	20.57			
		3601.7	21.17	21.27	20.90			
		3555.0	21.44	21.51	21.16			
	25RB_25	3695.0	20.58	20.52	19.61	22.5	22.5	21.5
		3648.3	20.67	20.72	19.81			
		3601.7	21.10	21.13	20.26			
		3555.0	21.33	21.37	20.36			
	25RB_12	3695.0	20.52	20.53	19.58			
		3648.3	20.74	20.76	19.89			
		3601.7	21.12	21.19	20.28			
		3555.0	21.39	21.41	20.37			
	25RB_0	3695.0	20.57	20.59	19.56			
		3648.3	20.78	20.79	19.93			
		3601.7	21.17	21.23	20.34			
		3555.0	21.39	21.44	20.41			
	50RB_0	3695.0	20.55	20.54	19.54			
		3648.3	20.78	20.77	19.84			
		3601.7	21.15	21.20	20.23			
		3555.0	21.43	21.42	20.34			

Power Level A1/B1								
LTE Band 48			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	3692.5	20.50	20.68	20.57	**22.5**	**22.5**	**22.5**
		3647.5	20.59	20.61	20.63			
		3602.5	20.86	21.01	20.62			
		3557.5	21.09	21.21	20.85			
	1RB_37	3692.5	20.66	20.61	20.63			
		3647.5	20.74	20.87	20.79			
		3602.5	21.11	21.21	20.87			
		3557.5	21.33	21.44	21.08			
	1RB_0	3692.5	20.56	20.60	20.59			
		3647.5	20.88	21.00	20.63			
		3602.5	21.13	21.25	20.89			
		3557.5	21.38	21.49	21.15			
	36RB_38	3692.5	20.55	20.54	19.62	**22.5**	**22.5**	**21.5**
		3647.5	20.64	20.62	19.73			
		3602.5	21.03	20.98	20.10			
		3557.5	21.25	21.23	20.35			
	36RB_19	3692.5	20.58	20.56	19.61			
		3647.5	20.73	20.70	19.86			
		3602.5	21.12	21.09	20.24			
		3557.5	21.35	21.30	20.26			
	36RB_0	3692.5	20.55	20.54	19.61			
		3647.5	20.79	20.82	19.92			
		3602.5	21.19	21.17	20.26			
		3557.5	21.39	21.35	20.30			
	75RB_0	3692.5	20.55	20.54	19.59			
		3647.5	20.76	20.76	19.83			
		3602.5	21.13	21.16	20.20			
		3557.5	21.35	21.36	20.29			

Power Level A1/B1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	3690.0	20.55	20.63	20.59	22.5	22.5	22.5
		3646.7	20.60	20.53	20.64			
		3603.3	20.79	20.89	20.79			
		3560.0	20.94	21.05	20.64			
	1RB_50	3690.0	20.54	20.61	20.55			
		3646.7	20.74	20.85	20.76			
		3603.3	21.09	21.17	20.76			
		3560.0	21.33	21.40	21.01			
	1RB_0	3690.0	20.55	20.54	20.62			
		3646.7	20.91	21.02	20.62			
		3603.3	21.17	21.23	20.85			
		3560.0	**21.41**	21.47	21.09			
	50RB_50	3690.0	20.57	20.56	19.59	22.5	22.5	21.5
		3646.7	20.67	20.66	19.68			
		3603.3	21.05	21.06	20.08			
		3560.0	21.17	21.21	20.25			
	50RB_25	3690.0	20.57	20.58	19.66			
		3646.7	20.81	20.80	19.90			
		3603.3	21.14	21.16	20.19			
		3560.0	21.34	21.34	20.42			
	50RB_0	3690.0	20.64	20.65	19.77			
		3646.7	20.92	20.94	20.01			
		3603.3	21.22	21.25	20.30			
		3560.0	**21.42**	21.45	20.34			
	100RB_0	3690.0	20.58	20.53	19.73			
		3646.7	20.76	20.77	19.81			
		3603.3	21.10	21.11	20.20			
		3560.0	21.27	21.28	20.36			

Power Level C1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	3697.5	22.55	21.62	20.51	24.5	23.5	22.5
		3649.2	22.71	21.73	20.70			
		3600.8	23.08	22.04	20.78			
		3552.5	23.38	22.34	21.09			
	1RB_12	3697.5	22.60	21.64	20.54			
		3649.2	22.79	21.80	20.51			
		3600.8	23.21	22.15	20.84			
		3552.5	23.41	22.38	21.13			
	1RB_0	3697.5	22.62	21.65	20.59			
		3649.2	22.83	21.81	20.54			
		3600.8	23.20	22.14	20.89			
		3552.5	23.47	22.42	21.15			
	12RB_13	3697.5	21.50	20.61	19.87	23.5	22.5	21.5
		3649.2	21.62	20.54	19.76			
		3600.8	22.01	20.92	20.17			
		3552.5	22.31	21.21	20.27			
	12RB_6	3697.5	21.51	20.58	19.70			
		3649.2	21.65	20.63	19.86			
		3600.8	22.05	20.98	20.25			
		3552.5	22.33	21.27	20.35			
	12RB_0	3697.5	21.58	20.55	19.64			
		3649.2	21.74	20.67	19.89			
		3600.8	22.12	21.05	20.29			
		3552.5	22.40	21.32	20.40			
	25RB_0	3697.5	21.58	20.56	19.58			
		3649.2	21.71	20.71	19.90			
		3600.8	22.05	21.03	20.26			
		3552.5	22.37	21.37	20.41			

Power Level C1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	3695.0	22.56	21.53	20.64	24.5	23.5	22.5
		3648.3	22.60	21.59	20.54			
		3601.7	22.96	21.97	20.60			
		3555.0	23.26	22.21	20.89			
	1RB_24	3695.0	22.60	21.68	20.59			
		3648.3	22.72	21.74	20.68			
		3601.7	23.08	22.12	20.75			
		3555.0	23.37	22.40	21.04			
	1RB_0	3695.0	22.61	21.69	20.57			
		3648.3	22.86	21.84	20.66			
		3601.7	23.13	22.13	20.78			
		3555.0	23.43	22.40	21.06			
	25RB_25	3695.0	21.50	20.51	19.66	23.5	22.5	21.5
		3648.3	21.57	20.59	19.76			
		3601.7	21.98	20.99	20.11			
		3555.0	22.24	21.21	20.25			
	25RB_12	3695.0	21.55	20.52	19.67			
		3648.3	21.66	20.66	19.83			
		3601.7	22.01	21.06	20.21			
		3555.0	22.28	21.30	20.30			
	25RB_0	3695.0	21.57	20.57	19.66			
		3648.3	21.76	20.71	19.89			
		3601.7	22.07	21.10	20.26			
		3555.0	22.30	21.32	20.32			
	50RB_0	3695.0	21.53	20.51	19.62			
		3648.3	21.68	20.63	19.79			
		3601.7	22.06	21.06	20.14			
		3555.0	22.34	21.30	20.25			

Power Level C1								
LTE Band 48			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	3692.5	22.60	21.56	20.58	**24.5**	**23.5**	**22.5**
		3647.5	22.69	21.53	20.55			
		3602.5	22.82	21.85	20.50			
		3557.5	23.08	22.10	20.77			
	1RB_37	3692.5	22.56	21.59	20.53			
		3647.5	22.75	21.78	20.70			
		3602.5	23.08	22.07	20.74			
		3557.5	23.31	22.31	20.97			
	1RB_0	3692.5	22.62	21.66	20.51			
		3647.5	22.88	21.92	20.55			
		3602.5	23.11	22.12	20.77			
		3557.5	23.36	22.39	21.07			
	36RB_38	3692.5	21.61	20.60	19.76	**23.5**	**22.5**	**21.5**
		3647.5	21.57	20.52	19.69			
		3602.5	21.93	20.84	19.98			
		3557.5	22.21	21.11	20.26			
	36RB_19	3692.5	21.51	20.57	19.60			
		3647.5	21.63	20.64	19.74			
		3602.5	21.97	20.97	20.11			
		3557.5	22.24	21.19	20.17			
	36RB_0	3692.5	21.56	20.59	19.61			
		3647.5	21.70	20.67	19.83			
		3602.5	22.05	21.04	20.19			
		3557.5	22.32	21.24	20.23			
	75RB_0	3692.5	21.55	20.52	19.64			
		3647.5	21.68	20.67	19.74			
		3602.5	22.06	21.01	20.13			
		3557.5	22.30	21.25	20.22			

Power Level C1								
LTE Band 48			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	3690.0	22.54	21.61	20.51	24.5	23.5	22.5
		3646.7	22.60	21.52	20.55			
		3603.3	22.73	21.75	20.68			
		3560.0	22.93	21.94	20.58			
	1RB_50	3690.0	22.59	21.61	20.52			
		3646.7	22.78	21.74	20.68			
		3603.3	23.01	22.04	20.68			
		3560.0	23.30	22.26	20.93			
	1RB_0	3690.0	22.57	21.53	20.60			
		3646.7	22.91	21.90	20.52			
		3603.3	23.12	22.09	20.77			
		3560.0	**23.39**	22.36	21.04			
	50RB_50	3690.0	21.56	20.54	19.62	23.5	22.5	21.5
		3646.7	21.58	20.58	19.67			
		3603.3	21.95	20.88	19.99			
		3560.0	22.13	21.07	20.19			
	50RB_25	3690.0	21.59	20.54	19.64			
		3646.7	21.70	20.68	19.81			
		3603.3	22.03	20.98	20.11			
		3560.0	22.21	21.21	20.31			
	50RB_0	3690.0	21.63	20.62	19.63			
		3646.7	21.83	20.78	19.96			
		3603.3	22.14	21.08	20.23			
		3560.0	**22.32**	21.33	20.24			
	100RB_0	3690.0	21.52	20.52	19.65			
		3646.7	21.72	20.65	19.76			
		3603.3	22.00	21.00	20.10			
		3560.0	22.19	21.18	20.30			

Ant.2 - Power Level A1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	19.14	19.42	19.34	**19.5**	**19.5**	**19.5**
		1745.0	19.26	19.40	19.46			
		1710.7	18.80	19.08	18.87			
	1RB_3	1779.3	19.13	19.41	19.31			
		1745.0	19.26	19.42	19.48			
		1710.7	18.78	19.12	18.87			
	1RB_0	1779.3	19.13	19.35	19.33			
		1745.0	19.25	19.33	19.40			
		1710.7	18.77	19.05	18.86			
	3RB_3	1779.3	19.13	19.16	19.26			
		1745.0	19.23	19.28	19.37			
		1710.7	18.79	18.84	18.88			
	3RB_1	1779.3	19.10	19.12	19.21			
		1745.0	19.20	19.28	19.37			
		1710.7	18.76	18.81	18.84			
	3RB_0	1779.3	19.11	19.13	19.22			
		1745.0	19.21	19.27	19.33			
		1710.7	18.76	18.83	18.92			
	6RB_0	1779.3	19.15	19.23	19.10			
		1745.0	19.25	19.34	19.22	**19.5**	**19.5**	**19.5**
		1710.7	18.80	18.89	18.77			

Ant.2 - Power Level A1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	19.09	19.36	19.28	**19.5**	**19.5**	**19.5**
		1745.0	19.21	19.36	19.41			
		1711.5	18.81	19.20	19.06			
	1RB_7	1778.5	19.13	19.41	19.32			
		1745.0	19.22	19.43	19.49			
		1711.5	18.80	19.18	19.11			
	1RB_0	1778.5	19.02	19.34	19.22			
		1745.0	19.24	19.45	19.42			
		1711.5	18.72	19.15	19.01			
	8RB_7	1778.5	19.10	19.15	19.22	**19.5**	**19.5**	**19.5**
		1745.0	19.20	19.27	19.27			
		1711.5	18.84	18.94	18.90			
	8RB_4	1778.5	19.08	19.16	19.14			
		1745.0	19.19	19.27	19.27			
		1711.5	18.82	18.92	18.86			
	8RB_0	1778.5	19.09	19.13	19.14			
		1745.0	19.25	19.32	19.34			
		1711.5	18.80	18.90	18.82			
	15RB_0	1778.5	19.09	19.15	19.12			
		1745.0	19.20	19.29	19.29			
		1711.5	18.80	18.91	18.89			

Ant.2 - Power Level A1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	19.12	19.29	19.30	**19.5**	**19.5**	**19.5**
		1745.0	19.23	19.41	19.34			
		1712.5	18.90	19.16	19.08			
	1RB_12	1777.5	19.13	19.31	19.29			
		1745.0	19.29	19.47	19.38			
		1712.5	18.88	19.13	19.09			
	1RB_0	1777.5	19.06	19.25	19.27			
		1745.0	19.29	19.50	19.41			
		1712.5	18.75	19.03	18.98			
	12RB_13	1777.5	19.09	19.13	19.13	**19.5**	**19.5**	**19.5**
		1745.0	19.19	19.26	19.29			
		1712.5	18.89	18.89	18.98			
	12RB_6	1777.5	19.11	19.15	19.18			
		1745.0	19.24	19.29	19.31			
		1712.5	18.85	18.91	18.93			
	12RB_0	1777.5	19.10	19.16	19.18			
		1745.0	19.28	19.33	19.39			
		1712.5	18.80	18.78	18.84			
	25RB_0	1777.5	19.12	19.15	19.14			
		1745.0	19.26	19.29	19.25			
		1712.5	18.88	18.92	18.90			

Ant.2 - Power Level A1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	19.10	19.39	19.26	**19.5**	**19.5**	**19.5**
		1745.0	19.23	19.48	19.42			
		1715.0	19.08	19.35	19.25			
	1RB_24	1775.0	19.13	19.42	19.29			
		1745.0	19.28	19.39	19.49			
		1715.0	19.01	19.24	19.17			
	1RB_0	1775.0	19.11	19.41	19.27			
		1745.0	19.38	19.38	19.41			
		1715.0	18.85	19.09	18.99			
	25RB_25	1775.0	19.07	19.05	19.06	**19.5**	**19.5**	**19.5**
		1745.0	19.28	19.31	19.27			
		1715.0	19.13	19.17	19.19			
	25RB_12	1775.0	19.06	19.07	19.06			
		1745.0	19.25	19.29	19.30			
		1715.0	18.90	18.89	18.94			
	25RB_0	1775.0	19.12	19.18	19.17			
		1745.0	19.31	19.33	19.29			
		1715.0	18.76	18.80	18.81			
	50RB_0	1775.0	19.11	19.12	19.12			
		1745.0	19.30	19.31	19.30			
		1715.0	19.01	18.98	18.97			

Ant.2 - Power Level A1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	18.99	19.28	19.02	**19.5**	**19.5**	**19.5**
		1745.0	19.10	19.41	19.30			
		1717.5	19.10	19.44	19.30			
	1RB_37	1772.5	18.98	19.28	19.08			
		1745.0	19.21	19.40	19.42			
		1717.5	18.96	19.38	19.20			
	1RB_0	1772.5	18.95	19.26	19.06			
		1745.0	19.30	19.33	19.36			
		1717.5	18.74	19.10	18.99			
	36RB_38	1772.5	18.98	18.93	19.03	**19.5**	**19.5**	**19.5**
		1745.0	19.25	19.22	19.26			
		1717.5	19.12	19.21	19.22			
	36RB_19	1772.5	19.02	19.01	19.10			
		1745.0	19.25	19.27	19.33			
		1717.5	18.95	19.02	19.01			
	36RB_0	1772.5	19.07	19.07	19.13			
		1745.0	19.32	19.36	19.34			
		1717.5	18.75	18.79	18.84			
	75RB_0	1772.5	19.04	19.11	19.12			
		1745.0	19.31	19.29	19.29			
		1717.5	19.00	18.98	18.99			

Ant.2 - Power Level A1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	18.94	19.25	19.13	**19.5**	**19.5**	**19.5**
		1745.0	19.05	19.20	19.16			
		1720.0	19.15	19.35	19.22			
	1RB_50	1770.0	19.00	19.29	19.20			
		1745.0	19.22	19.37	19.34			
		1720.0	19.05	19.27	19.11			
	1RB_0	1770.0	19.02	19.22	19.20			
		1745.0	**19.29**	19.46	19.40			
		1720.0	18.70	18.98	18.76			
	50RB_50	1770.0	18.87	18.92	18.90	**19.5**	**19.5**	**19.5**
		1745.0	19.29	19.27	19.32			
		1720.0	19.15	19.22	19.24			
	50RB_25	1770.0	19.04	19.08	19.09			
		1745.0	19.29	19.24	19.30			
		1720.0	19.08	19.08	19.10			
	50RB_0	1770.0	19.15	19.16	19.14			
		1745.0	**19.35**	19.37	19.41			
		1720.0	18.70	18.71	18.70			
	100RB_0	1770.0	19.03	19.03	19.04			
		1745.0	19.33	19.33	19.34			
		1720.0	18.90	18.95	19.00			

Ant.2 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	22.78	22.97	21.86	**23.5**	**23.5**	**22.5**
		1745.0	23.02	23.25	22.13			
		1710.7	22.63	22.89	21.79			
	1RB_3	1779.3	22.69	22.93	21.76			
		1745.0	23.04	23.28	22.13			
		1710.7	22.65	22.90	21.79			
	1RB_0	1779.3	22.74	22.95	21.80			
		1745.0	23.05	23.25	22.18			
		1710.7	22.63	22.85	21.77			
	3RB_3	1779.3	22.73	22.74	21.82			
		1745.0	23.02	23.06	22.09			
		1710.7	22.66	22.72	21.75			
	3RB_1	1779.3	22.73	22.74	21.83			
		1745.0	23.02	23.06	22.11			
		1710.7	22.66	22.70	21.74			
	3RB_0	1779.3	22.73	22.78	21.84			
		1745.0	23.03	23.08	22.11			
		1710.7	22.66	22.68	21.73			
	6RB_0	1779.3	22.76	21.82	20.62	**23.5**	**22.5**	**21.5**
		1745.0	23.04	22.12	20.96			
		1710.7	22.67	21.71	20.74			

Ant.2 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	22.77	23.00	21.91	23.5	23.5	22.5
		1745.0	23.04	23.28	22.19			
		1711.5	22.72	22.95	21.84			
	1RB_7	1778.5	22.73	23.01	21.90			
		1745.0	23.06	23.26	22.16			
		1711.5	22.68	22.89	21.80			
	1RB_0	1778.5	22.71	22.99	21.84			
		1745.0	23.05	23.28	22.18			
		1711.5	22.66	22.89	21.77			
	8RB_7	1778.5	22.70	21.77	20.71	23.5	22.5	21.5
		1745.0	23.01	22.08	21.04			
		1711.5	22.71	21.75	20.85			
	8RB_4	1778.5	22.73	21.79	20.72			
		1745.0	23.00	22.08	21.03			
		1711.5	22.65	21.73	20.86			
	8RB_0	1778.5	22.72	21.77	20.70			
		1745.0	23.07	22.13	21.09			
		1711.5	22.66	21.73	20.83			
	15RB_0	1778.5	22.72	21.72	20.67			
		1745.0	23.00	22.04	20.94			
		1711.5	22.66	21.72	20.81			

Ant.2 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	22.79	23.01	21.95	**23.5**	**23.5**	**22.5**
		1745.0	23.09	23.26	22.21			
		1712.5	22.82	23.01	21.92			
	1RB_12	1777.5	22.76	22.98	21.88			
		1745.0	23.06	23.27	22.19			
		1712.5	22.72	22.93	21.82			
	1RB_0	1777.5	22.73	22.97	21.87			
		1745.0	23.15	23.35	22.24			
		1712.5	22.71	22.90	21.79			
	12RB_13	1777.5	22.72	21.72	20.69	**23.5**	**22.5**	**21.5**
		1745.0	23.02	22.00	20.99			
		1712.5	22.78	21.75	20.76			
	12RB_6	1777.5	22.74	21.73	20.70			
		1745.0	23.04	22.03	21.02			
		1712.5	22.72	21.68	20.84			
	12RB_0	1777.5	22.77	21.75	20.74			
		1745.0	23.13	22.09	21.09			
		1712.5	22.65	21.64	20.81			
	25RB_0	1777.5	22.75	21.75	20.69			
		1745.0	23.05	22.04	21.03			
		1712.5	22.72	21.71	20.84			

Ant.2 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	22.72	22.91	21.83	**23.5**	**23.5**	**22.5**
		1745.0	22.97	23.15	22.08			
		1715.0	22.89	23.10	21.98			
	1RB_24	1775.0	22.72	22.93	21.80			
		1745.0	23.10	23.27	22.14			
		1715.0	22.80	22.99	21.90			
	1RB_0	1775.0	22.71	22.93	21.83			
		1745.0	23.16	23.41	22.26			
		1715.0	22.68	22.91	21.80			
	25RB_25	1775.0	22.69	21.71	20.70	**23.5**	**22.5**	**21.5**
		1745.0	23.02	22.03	20.98			
		1715.0	22.94	21.98	20.93			
	25RB_12	1775.0	22.71	21.73	20.68			
		1745.0	23.09	22.10	21.05			
		1715.0	22.76	21.78	20.74			
	25RB_0	1775.0	22.80	21.80	20.76			
		1745.0	23.12	22.12	21.08			
		1715.0	22.59	21.61	20.73			
	50RB_0	1775.0	22.73	21.75	20.72			
		1745.0	23.10	22.09	21.06			
		1715.0	22.84	21.82	20.75			

Ant.2 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	22.67	22.89	21.82	**23.5**	**23.5**	**22.5**
		1745.0	22.86	23.09	22.06			
		1717.5	22.89	23.15	22.08			
	1RB_37	1772.5	22.68	22.94	21.86			
		1745.0	23.04	23.30	22.23			
		1717.5	22.84	23.05	21.99			
	1RB_0	1772.5	22.69	22.91	21.90			
		1745.0	23.12	23.35	22.32			
		1717.5	22.65	22.92	21.82			
	36RB_38	1772.5	22.58	21.60	20.63	**23.5**	**22.5**	**21.5**
		1745.0	22.99	22.02	20.97			
		1717.5	22.95	21.97	20.96			
	36RB_19	1772.5	22.66	21.67	20.67			
		1745.0	23.01	22.01	21.01			
		1717.5	22.80	21.83	20.83			
	36RB_0	1772.5	22.75	21.73	20.73			
		1745.0	23.11	22.09	21.09			
		1717.5	22.63	21.65	20.65			
	75RB_0	1772.5	22.71	21.71	20.68			
		1745.0	23.09	22.05	21.01			
		1717.5	22.83	21.80	20.80			

Ant.2 - Power Level B1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	22.57	22.92	21.71	**23.5**	**23.5**	**22.5**
		1745.0	22.87	23.11	21.96			
		1720.0	22.95	23.21	22.12			
	1RB_50	1770.0	22.65	22.99	21.69			
		1745.0	23.04	23.27	22.12			
		1720.0	22.91	23.14	22.01			
	1RB_0	1770.0	22.67	23.00	21.81			
		1745.0	**23.14**	23.40	22.30			
		1720.0	22.62	22.87	21.80			
	50RB_50	1770.0	22.54	21.56	20.52	**23.5**	**22.5**	**21.5**
		1745.0	23.04	22.04	21.01			
		1720.0	22.99	21.98	20.98			
	50RB_25	1770.0	22.68	21.71	20.68			
		1745.0	23.03	22.03	21.01			
		1720.0	22.93	21.87	20.87			
	50RB_0	1770.0	22.79	21.78	20.75			
		1745.0	**23.20**	22.19	21.19			
		1720.0	22.59	21.54	20.56			
	100RB_0	1770.0	22.67	21.68	20.66			
		1745.0	23.13	22.08	21.07			
		1720.0	22.77	21.75	20.78			

Ant.2 - Power Level C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	23.51	22.52	21.79	**24.5**	**23.5**	**22.5**
		1745.0	23.62	22.72	22.07			
		1710.7	23.22	22.47	21.78			
	1RB_3	1779.3	23.67	22.47	21.71			
		1745.0	23.84	22.97	22.07			
		1710.7	23.20	22.54	21.76			
	1RB_0	1779.3	23.69	22.50	21.76			
		1745.0	23.85	22.89	22.15			
		1710.7	23.20	22.48	21.77			
	3RB_3	1779.3	23.78	22.81	21.78			
		1745.0	24.06	23.05	22.04			
		1710.7	23.73	22.70	21.73			
	3RB_1	1779.3	23.80	22.83	21.79			
		1745.0	24.06	23.07	22.04			
		1710.7	23.72	22.67	21.70			
	3RB_0	1779.3	23.81	22.85	21.79			
		1745.0	24.08	23.06	22.06			
		1710.7	23.70	22.70	21.69			
	6RB_0	1779.3	22.79	21.85	20.63	**23.5**	**22.5**	**21.5**
		1745.0	23.08	22.06	20.90			
		1710.7	22.73	21.71	20.75			

Ant.2 - Power Level C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	23.76	22.52	21.87	**24.5**	**23.5**	**22.5**
		1745.0	24.08	22.93	22.05			
		1711.5	23.32	22.86	21.84			
	1RB_7	1778.5	23.74	22.66	21.83			
		1745.0	24.10	23.21	22.10			
		1711.5	23.39	22.72	21.78			
	1RB_0	1778.5	23.78	22.83	21.79			
		1745.0	24.11	23.23	22.06			
		1711.5	23.37	22.85	21.76			
	8RB_7	1778.5	22.75	21.81	20.69	**23.5**	**22.5**	**21.5**
		1745.0	23.03	22.06	20.96			
		1711.5	22.73	21.78	20.88			
	8RB_4	1778.5	22.76	21.85	20.67			
		1745.0	23.04	22.08	20.98			
		1711.5	22.69	21.76	20.82			
	8RB_0	1778.5	22.75	21.82	20.68			
		1745.0	23.08	22.13	21.02			
		1711.5	22.70	21.75	20.82			
	15RB_0	1778.5	22.77	21.78	20.66			
		1745.0	23.03	22.04	20.91			
		1711.5	22.72	21.74	20.76			

Ant.2 - Power Level C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	23.90	22.53	21.91	**24.5**	**23.5**	**22.5**
		1745.0	24.06	22.95	22.15			
		1712.5	23.75	23.00	21.95			
	1RB_12	1777.5	23.81	22.67	21.87			
		1745.0	24.14	23.24	22.19			
		1712.5	23.66	22.98	21.83			
	1RB_0	1777.5	23.80	22.84	21.84			
		1745.0	24.11	23.35	22.21			
		1712.5	23.74	22.96	21.80			
	12RB_13	1777.5	22.77	21.75	20.66	**23.5**	**22.5**	**21.5**
		1745.0	23.05	22.02	20.92			
		1712.5	22.84	21.81	20.75			
	12RB_6	1777.5	22.79	21.77	20.68			
		1745.0	23.07	22.02	20.96			
		1712.5	22.75	21.70	20.81			
	12RB_0	1777.5	22.81	21.79	20.73			
		1745.0	23.16	22.09	21.03			
		1712.5	22.73	21.68	20.79			
	25RB_0	1777.5	22.78	21.82	20.67			
		1745.0	23.09	22.06	20.93			
		1712.5	22.77	21.74	20.83			

Ant.2 - Power Level C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	23.81	22.50	21.82	**24.5**	**23.5**	**22.5**
		1745.0	23.97	23.01	21.99			
		1715.0	23.45	22.99	21.98			
	1RB_24	1775.0	23.81	22.58	21.80			
		1745.0	24.12	23.25	22.17			
		1715.0	23.53	22.94	21.87			
	1RB_0	1775.0	23.81	22.65	21.83			
		1745.0	24.15	23.32	22.27			
		1715.0	23.37	22.95	21.74			
	25RB_25	1775.0	22.75	21.78	20.64	**23.5**	**22.5**	**21.5**
		1745.0	23.05	22.06	20.94			
		1715.0	23.01	22.01	20.89			
	25RB_12	1775.0	22.77	21.80	20.63			
		1745.0	23.12	22.09	20.99			
		1715.0	22.81	21.82	20.71			
	25RB_0	1775.0	22.85	21.87	20.73			
		1745.0	23.15	22.13	21.02			
		1715.0	22.65	21.64	20.70			
	50RB_0	1775.0	22.80	21.81	20.65			
		1745.0	23.13	22.08	20.96			
		1715.0	22.88	21.84	20.74			

Ant.2 - Power Level C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	23.76	22.90	21.73	**24.5**	**23.5**	**22.5**
		1745.0	23.97	23.08	21.95			
		1717.5	24.01	23.19	22.06			
	1RB_37	1772.5	23.76	22.91	21.78			
		1745.0	24.11	23.24	22.13			
		1717.5	23.92	23.06	21.95			
	1RB_0	1772.5	23.78	22.94	21.76			
		1745.0	24.17	23.33	22.24			
		1717.5	23.76	22.90	21.82			
	36RB_38	1772.5	22.71	21.69	20.54	**23.5**	**22.5**	**21.5**
		1745.0	23.00	22.02	20.91			
		1717.5	23.00	22.01	20.91			
	36RB_19	1772.5	22.74	21.71	20.62			
		1745.0	23.03	22.01	20.95			
		1717.5	22.86	21.87	20.80			
	36RB_0	1772.5	22.78	21.80	20.67			
		1745.0	23.13	22.11	21.01			
		1717.5	22.66	21.67	20.62			
	75RB_0	1772.5	22.79	21.79	20.64			
		1745.0	23.06	22.07	20.94			
		1717.5	22.86	21.84	20.77			

Ant.2 - Power Level C1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	23.77	22.90	21.60	**24.5**	**23.5**	**22.5**
		1745.0	24.00	23.15	21.84			
		1720.0	24.09	23.24	21.99			
	1RB_50	1770.0	23.79	22.95	21.73			
		1745.0	24.12	23.29	22.03			
		1720.0	23.98	23.13	21.94			
	1RB_0	1770.0	23.85	23.02	21.76			
		1745.0	**24.25**	23.46	22.06			
		1720.0	23.74	22.95	21.72			
	50RB_50	1770.0	22.63	21.64	20.48	**23.5**	**22.5**	**21.5**
		1745.0	23.13	22.08	20.96			
		1720.0	22.99	22.00	20.94			
	50RB_25	1770.0	22.73	21.76	20.62			
		1745.0	23.07	22.05	20.96			
		1720.0	22.98	21.93	20.84			
	50RB_0	1770.0	22.86	21.86	20.73			
		1745.0	**23.23**	22.22	21.12			
		1720.0	22.64	21.58	20.50			
	100RB_0	1770.0	22.77	21.76	20.61			
		1745.0	23.16	22.11	21.01			
		1720.0	22.78	21.78	20.73			

Ant.1 - Power Level A2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	23.39	22.88	22.36	**24.5**	**23.5**	**22.5**
		1745.0	23.77	23.08	22.44			
		1710.7	22.73	22.83	22.35			
	1RB_3	1779.3	24.12	22.83	22.28			
		1745.0	23.78	23.33	22.34			
		1710.7	23.24	22.90	22.33			
	1RB_0	1779.3	24.22	22.86	22.33			
		1745.0	23.31	23.25	22.32			
		1710.7	23.49	22.84	22.34			
	3RB_3	1779.3	24.08	23.17	22.27			
		1745.0	24.11	23.41	22.43			
		1710.7	23.55	23.06	22.22			
	3RB_1	1779.3	24.28	23.19	22.28			
		1745.0	24.07	23.43	22.43			
		1710.7	23.68	23.03	22.19			
	3RB_0	1779.3	24.26	23.21	22.28			
		1745.0	23.59	23.42	22.35			
		1710.7	24.04	23.06	22.18			
	6RB_0	1779.3	23.17	22.21	21.12	**23.5**	**22.5**	**21.5**
		1745.0	22.87	22.42	21.39			
		1710.7	22.86	22.07	21.24			

Ant.1 - Power Level A2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	23.64	22.88	22.44	**24.5**	**23.5**	**22.5**
		1745.0	24.23	23.29	22.42			
		1711.5	22.83	23.22	22.41			
	1RB_7	1778.5	24.19	23.02	22.40			
		1745.0	24.04	23.17	22.22			
		1711.5	23.43	23.08	22.35			
	1RB_0	1778.5	24.31	23.19	22.36			
		1745.0	23.57	23.39	22.33			
		1711.5	23.66	23.21	22.33			
	8RB_7	1778.5	23.05	22.17	21.18	**23.5**	**22.5**	**21.5**
		1745.0	23.08	22.42	21.45			
		1711.5	22.55	22.14	21.37			
	8RB_4	1778.5	23.24	22.21	21.16			
		1745.0	23.05	22.44	21.47			
		1711.5	22.65	22.12	21.31			
	8RB_0	1778.5	23.20	22.18	21.17			
		1745.0	22.59	22.49	21.41			
		1711.5	23.04	22.11	21.31			
	15RB_0	1778.5	23.15	22.14	21.15			
		1745.0	22.82	22.40	21.40			
		1711.5	22.85	22.10	21.25			

Ant.1 - Power Level A2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	23.78	22.89	22.48	**24.5**	**23.5**	**22.5**
		1745.0	24.21	23.31	22.42			
		1712.5	23.26	23.36	22.40			
	1RB_12	1777.5	24.26	23.03	22.44			
		1745.0	24.08	23.36	22.29			
		1712.5	23.70	23.34	22.40			
	1RB_0	1777.5	24.33	23.20	22.41			
		1745.0	23.57	23.41	22.38			
		1712.5	24.03	23.32	22.37			
	12RB_13	1777.5	23.07	22.11	21.15	**23.5**	**22.5**	**21.5**
		1745.0	23.10	22.38	21.41			
		1712.5	22.66	22.17	21.24			
	12RB_6	1777.5	23.27	22.13	21.17			
		1745.0	23.08	22.38	21.45			
		1712.5	22.71	22.06	21.30			
	12RB_0	1777.5	23.26	22.15	21.22			
		1745.0	22.67	22.45	21.42			
		1712.5	23.07	22.04	21.28			
	25RB_0	1777.5	23.16	22.18	21.16			
		1745.0	22.88	22.42	21.42			
		1712.5	22.90	22.10	21.32			

Ant.1 - Power Level A2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	23.69	22.86	22.39	**24.5**	**23.5**	**22.5**
		1745.0	24.12	23.37	22.36			
		1715.0	22.96	23.35	22.25			
	1RB_24	1775.0	24.26	22.94	22.37			
		1745.0	24.06	23.31	22.24			
		1715.0	23.57	23.30	22.44			
	1RB_0	1775.0	24.34	23.01	22.40			
		1745.0	23.61	23.38	22.24			
		1715.0	23.66	23.31	22.31			
	25RB_25	1775.0	23.05	22.14	21.13	**23.5**	**22.5**	**21.5**
		1745.0	23.10	22.42	21.43			
		1715.0	22.83	22.37	21.38			
	25RB_12	1775.0	23.25	22.16	21.12			
		1745.0	23.13	22.45	21.48			
		1715.0	22.77	22.18	21.20			
	25RB_0	1775.0	23.30	22.23	21.22			
		1745.0	22.66	22.42	21.41			
		1715.0	22.99	22.00	21.19			
	50RB_0	1775.0	23.18	22.17	21.14			
		1745.0	22.92	22.44	21.45			
		1715.0	23.01	22.20	21.23			

Ant.1 - Power Level A2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	23.64	23.26	22.30	**24.5**	**23.5**	**22.5**
		1745.0	24.12	23.44	22.32			
		1717.5	23.52	23.45	22.43			
	1RB_37	1772.5	24.21	23.27	22.35			
		1745.0	24.05	23.46	22.37			
		1717.5	23.96	23.42	22.42			
	1RB_0	1772.5	24.31	23.30	22.33			
		1745.0	23.63	23.39	22.30			
		1717.5	24.05	23.26	22.39			
	36RB_38	1772.5	23.01	22.05	21.03	**23.5**	**22.5**	**21.5**
		1745.0	23.05	22.38	21.40			
		1717.5	22.82	22.37	21.40			
	36RB_19	1772.5	23.22	22.07	21.11			
		1745.0	23.04	22.37	21.44			
		1717.5	22.82	22.23	21.29			
	36RB_0	1772.5	23.23	22.16	21.16			
		1745.0	22.64	22.47	21.50			
		1717.5	23.00	22.03	21.11			
	75RB_0	1772.5	23.17	22.15	21.13			
		1745.0	22.85	22.43	21.43			
		1717.5	22.99	22.20	21.26			

Ant.1 - Power Level A2/C2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	23.65	23.26	22.17	**24.5**	**23.5**	**22.5**
		1745.0	24.15	23.01	22.11			
		1720.0	23.60	23.06	22.16			
	1RB_50	1770.0	24.24	23.31	22.30			
		1745.0	24.06	23.25	22.16			
		1720.0	24.02	23.09	22.25			
	1RB_0	1770.0	**24.38**	23.38	22.33			
		1745.0	23.71	23.22	22.13			
		1720.0	24.03	23.31	22.29			
	50RB_50	1770.0	22.93	22.00	20.97	**23.5**	**22.5**	**21.5**
		1745.0	23.18	22.44	21.45			
		1720.0	22.81	22.36	21.43			
	50RB_25	1770.0	23.21	22.12	21.11			
		1745.0	23.08	22.41	21.45			
		1720.0	22.94	22.29	21.33			
	50RB_0	1770.0	**23.31**	22.22	21.22			
		1745.0	22.74	22.08	21.11			
		1720.0	22.98	21.94	20.99			
	100RB_0	1770.0	23.15	22.12	21.10			
		1745.0	22.95	22.47	21.50			
		1720.0	22.91	22.14	21.22			

Ant.1 - Power Level B2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	19.25	19.19	19.27	**20.5**	**20.5**	**20.5**
		1745.0	19.96	19.47	19.54			
		1710.7	19.07	19.11	19.20			
	1RB_3	1779.3	19.91	19.15	19.17			
		1745.0	19.53	19.50	19.54			
		1710.7	19.55	19.12	19.20			
	1RB_0	1779.3	19.93	19.80	19.80			
		1745.0	19.03	19.81	19.88			
		1710.7	19.63	19.70	19.77			
	3RB_3	1779.3	19.71	19.63	19.85			
		1745.0	19.61	19.95	19.92			
		1710.7	19.11	19.61	19.78			
	3RB_1	1779.3	19.69	19.63	19.86			
		1745.0	19.51	19.95	19.84			
		1710.7	19.15	19.59	19.77			
	3RB_0	1779.3	19.66	19.67	19.87			
		1745.0	19.03	19.97	19.94			
		1710.7	19.51	19.57	19.76			
	6RB_0	1779.3	19.63	19.67	19.47	**20.5**	**20.5**	**20.5**
		1745.0	19.29	19.97	19.81			
		1710.7	19.57	19.56	19.59			

Ant.1 - Power Level B2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	19.24	19.22	19.32	**20.5**	**20.5**	**20.5**
		1745.0	19.98	19.50	19.60			
		1711.5	19.16	19.17	19.25			
	1RB_7	1778.5	19.95	19.23	19.31			
		1745.0	19.55	19.48	19.57			
		1711.5	19.58	19.11	19.21			
	1RB_0	1778.5	19.90	19.84	19.84			
		1745.0	19.73	19.93	19.88			
		1711.5	19.66	19.74	19.77			
	8RB_7	1778.5	19.68	19.66	19.74	**20.5**	**20.5**	**20.5**
		1745.0	19.60	19.97	19.81			
		1711.5	19.16	19.64	19.88			
	8RB_4	1778.5	19.69	19.68	19.75			
		1745.0	19.49	19.97	19.96			
		1711.5	19.14	19.62	19.89			
	8RB_0	1778.5	19.65	19.66	19.73			
		1745.0	19.77	19.82	19.72			
		1711.5	19.51	19.62	19.86			
	15RB_0	1778.5	19.59	19.57	19.52			
		1745.0	19.25	19.89	19.79			
		1711.5	19.56	19.57	19.66			

Ant.1 - Power Level B2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	19.26	19.23	19.36	**20.5**	**20.5**	**20.5**
		1745.0	19.83	19.48	19.62			
		1712.5	19.26	19.23	19.33			
	1RB_12	1777.5	19.98	19.20	19.29			
		1745.0	19.55	19.49	19.60			
		1712.5	19.62	19.15	19.23			
	1RB_0	1777.5	19.92	19.82	19.87			
		1745.0	19.63	19.82	19.74			
		1712.5	19.71	19.75	19.79			
	12RB_13	1777.5	19.70	19.61	19.72	**20.5**	**20.5**	**20.5**
		1745.0	19.61	19.89	19.92			
		1712.5	19.23	19.64	19.79			
	12RB_6	1777.5	19.70	19.62	19.73			
		1745.0	19.53	19.92	19.85			
		1712.5	19.21	19.57	19.87			
	12RB_0	1777.5	19.70	19.64	19.77			
		1745.0	19.13	19.98	19.82			
		1712.5	19.50	19.53	19.84			
	25RB_0	1777.5	19.62	19.60	19.54			
		1745.0	19.30	19.89	19.88			
		1712.5	19.62	19.56	19.69			

Ant.1 - Power Level B2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	19.19	19.13	19.24	**20.5**	**20.5**	**20.5**
		1745.0	19.91	19.37	19.49			
		1715.0	19.33	19.32	19.39			
	1RB_24	1775.0	19.94	19.15	19.21			
		1745.0	19.59	19.49	19.55			
		1715.0	19.70	19.21	19.31			
	1RB_0	1775.0	19.90	19.78	19.83			
		1745.0	19.14	19.76	19.86			
		1715.0	19.68	19.76	19.80			
	25RB_25	1775.0	19.67	19.60	19.73	**20.5**	**20.5**	**20.5**
		1745.0	19.61	19.92	19.91			
		1715.0	19.39	19.87	19.96			
	25RB_12	1775.0	19.67	19.62	19.71			
		1745.0	19.58	19.99	19.98			
		1715.0	19.25	19.67	19.77			
	25RB_0	1775.0	19.73	19.69	19.79			
		1745.0	19.12	19.91	19.88			
		1715.0	19.44	19.50	19.76			
	50RB_0	1775.0	19.60	19.60	19.57			
		1745.0	19.35	19.94	19.91			
		1715.0	19.74	19.67	19.60			

Ant.1 - Power Level B2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	19.14	19.11	19.23	**20.5**	**20.5**	**20.5**
		1745.0	19.80	19.31	19.47			
		1717.5	19.33	19.37	19.49			
	1RB_37	1772.5	19.90	19.16	19.27			
		1745.0	19.53	19.52	19.64			
		1717.5	19.74	19.27	19.40			
	1RB_0	1772.5	19.88	19.76	19.90			
		1745.0	19.10	19.82	19.89			
		1717.5	19.65	19.77	19.82			
	36RB_38	1772.5	19.56	19.49	19.66	**20.5**	**20.5**	**20.5**
		1745.0	19.58	19.91	19.86			
		1717.5	19.40	19.86	19.99			
	36RB_19	1772.5	19.62	19.56	19.70			
		1745.0	19.50	19.90	19.84			
		1717.5	19.29	19.72	19.86			
	36RB_0	1772.5	19.68	19.62	19.76			
		1745.0	19.11	19.98	19.82			
		1717.5	19.48	19.54	19.68			
	75RB_0	1772.5	19.58	19.56	19.53			
		1745.0	19.34	19.90	19.86			
		1717.5	19.73	19.65	19.65			

Ant.1 - Power Level B2								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	19.04	19.14	19.12	**20.5**	**20.5**	**20.5**
		1745.0	19.81	19.33	19.37			
		1720.0	19.39	19.43	19.53			
	1RB_50	1770.0	**19.87**	19.21	19.10			
		1745.0	19.53	19.49	19.53			
		1720.0	19.81	19.36	19.42			
	1RB_0	1770.0	19.86	19.85	19.81			
		1745.0	19.62	19.55	19.73			
		1720.0	19.62	19.72	19.80			
	50RB_50	1770.0	19.52	19.45	19.55	**20.5**	**20.5**	**20.5**
		1745.0	19.63	19.93	19.94			
		1720.0	19.44	19.87	19.81			
	50RB_25	1770.0	19.64	19.60	19.71			
		1745.0	19.52	19.92	19.84			
		1720.0	19.42	19.76	19.90			
	50RB_0	1770.0	**19.72**	19.67	19.78			
		1745.0	19.20	19.78	19.82			
		1720.0	19.44	19.43	19.59			
	100RB_0	1770.0	19.54	19.53	19.51			
		1745.0	19.38	19.93	19.92			
		1720.0	19.67	19.60	19.63			

LTE Down-Link Carrier Aggregation

The measurement results of down-link LTE 2CA Conducted Power are as below:

Configure		CA List	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Off set	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band		CA_2A-4A	Band 2	20M	1900.0	19100	QPSK	1	50	Band 4	20M	2132.5	2175	23.13	23.20
		CA_2A-7A	Band 2	20M	1900.0	19100	QPSK	1	50	Band 7	20M	2655.0	3100	23.16	23.20
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	24.19	24.23
		CA_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	24.17	24.23
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	24.13	24.23
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740.0	5790	24.15	24.23
		CA_4A-48A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3603.3	55773	24.20	24.23
		CA_5A-7A	Band 5	10M	829.0	20450	QPSK	1	0	Band 7	20M	2655.0	3100	23.29	23.33
		CA_5A-41A	Band 5	10M	829.0	20450	QPSK	1	0	Band 41	20M	2593.0	40620	23.26	23.33
		CA_5A-48A	Band 5	10M	829.0	20450	QPSK	1	0	Band 48	20M	3603.3	55773	23.31	23.33
		CA_5A-66A	Band 5	10M	829.0	20450	QPSK	1	0	Band 66	20M	2155.0	66886	23.29	23.33
		CA_12A-48A	Band 12	10M	711.0	23130	QPSK	1	49	Band 48	20M	3603.3	55773	23.05	23.10
		CA_12A-66A	Band 12	10M	711.0	23130	QPSK	1	49	Band 66	20M	2155.0	66886	23.07	23.10
		CA_41A-48A	Band 41	20M	2549.5	40185	QPSK	1	50	Band 48	20M	3603.3	55773	24.03	24.08
		CA_48A-66A	Band 48	20M	3560.0	55340	QPSK	1	0	Band 66	20M	2155.0	66886	23.34	23.39
Intra-Band	Contiguous	CA_2C	Band 2	20M	1900.0	19100	QPSK	1	20	Band 2	20M	1960.2	902	23.15	23.20
		CA_7C	Band 7	20M	2510.0	20850	QPSK	1	99	Band 7	20M	2649.8	3048	24.01	24.04
		CA_42C	Band 42	20M	3500.0	42590	QPSK	1	50	Band 42	20M	3519.8	42788	23.48	23.53
	Non-Contiguous	CA_7A-7A	Band 7	20M	2510.0	20850	QPSK	1	99	Band 7	5M	2687.5	3425	23.99	24.04
		CA_41A-41A	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	5M	2687.5	41565	24.02	24.08
		CA_66A-66A	Band 66	20M	1745.0	132322	QPSK	1	0	Band 66	5M	2197.5	67311	24.19	24.25

10.4. NR Measurement result

Maximum power reduction (MPR) for power class 3

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

NOTE 1: Applicable for UE operating in TDD mode with PI/2 PBSK modulation and UE indicates support for UE capability [*powerBoosting-pi2BPSK*] and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for band n78. The reference power of 0 dB MPR is 26dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n78 and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for band n78.

Power Level A2							
NR n7						Tune up: 17.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	17.08
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	17.13
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	17.03
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560.0	512000	17.12
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	**17.17**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510.0	502000	17.08
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2535.0	507000	17.12
15	5	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535.0	507000	17.10
15	5	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535.0	507000	17.13
15	5	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535.0	507000	17.09
15	5	CP-OFDM QPSK	Inner_Full	53@26	2535.0	507000	17.11
15	5	CP-OFDM 16QAM	Inner_Full	53@26	2535.0	507000	17.06
15	5	CP-OFDM 64QAM	Inner_Full	53@26	2535.0	507000	17.09
15	5	CP-OFDM 256QAM	Inner_Full	53@26	2535.0	507000	17.14
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	2535.0	507000	17.16
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	16.67
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	2535.0	507000	17.15
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	16.74
15	5	DFT-s-OFDM QPSK	Outer_Full	100@0	2535.0	507000	17.16
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	17.12
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	17.16

Power Level B2							
NR n7						Tune up: 18.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	18.06
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	18.12
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	18.01
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560.0	512000	18.12
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	**18.18**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510.0	502000	18.09
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2535.0	507000	18.12
15	5	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535.0	507000	18.07
15	5	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535.0	507000	18.00
15	5	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535.0	507000	18.15
15	5	CP-OFDM QPSK	Inner_Full	53@26	2535.0	507000	18.10
15	5	CP-OFDM 16QAM	Inner_Full	53@26	2535.0	507000	18.00
15	5	CP-OFDM 64QAM	Inner_Full	53@26	2535.0	507000	17.54
15	5	CP-OFDM 256QAM	Inner_Full	53@26	2535.0	507000	17.12
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	2535.0	507000	18.12
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	17.83
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	2535.0	507000	18.14
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	17.68
15	5	DFT-s-OFDM QPSK	Outer_Full	100@0	2535.0	507000	18.09
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	18.07
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	18.00

Power Level C2							
NR n7						Tune up: 21.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	21.02
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	21.06
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.03
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560.0	512000	21.10
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	**21.12**
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510.0	502000	21.07
15	5	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2535.0	507000	21.08
15	5	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535.0	507000	21.01
15	5	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535.0	507000	21.02
15	5	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535.0	507000	19.67
15	5	CP-OFDM QPSK	Inner_Full	53@26	2535.0	507000	21.04
15	5	CP-OFDM 16QAM	Inner_Full	53@26	2535.0	507000	20.98
15	5	CP-OFDM 64QAM	Inner_Full	53@26	2535.0	507000	20.50
15	5	CP-OFDM 256QAM	Inner_Full	53@26	2535.0	507000	17.63
15	5	DFT-s-OFDM QPSK	Edge_Full _Right	2@104	2535.0	507000	21.04
15	5	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	2535.0	507000	20.79
15	5	DFT-s-OFDM QPSK	Inner_1RB _Right	1@104	2535.0	507000	21.08
15	5	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	2535.0	507000	20.70
15	5	DFT-s-OFDM QPSK	Outer_Full	100@0	2535.0	507000	21.07
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	21.01
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	20.98

Power Level A2							
NR n66						Tune up: 18.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	17.69
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	17.71
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	17.38
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	17.40
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**17.76**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	17.69
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	17.67
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	17.75
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	17.38
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.34
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	17.70
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	17.75
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	17.64
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.12
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	16.92
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	17.23
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	16.90
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1745.0	349000	17.12
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	17.54
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	17.56
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	17.70
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	17.72
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	17.65

Power Level B2/C2							
NR n66						Tune up: 22.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	21.56
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	21.58
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	21.25
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	21.32
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	**21.68**
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	21.61
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	21.65
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.62
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	21.25
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	19.32
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.62
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.67
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.31
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.29
15	40	DFT-s-OFDM QPSK	Edge_Full _Right	2@214	1745.0	349000	20.78
15	40	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	1745.0	349000	21.10
15	40	DFT-s-OFDM QPSK	Inner_1RB _Right	1@214	1745.0	349000	20.76
15	40	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	1745.0	349000	21.01
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.67
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	21.43
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	21.57
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	21.59
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	21.57

Power Level A2							
NR n78						Tune up: 19.5	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540.00	636000	18.58
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.65
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	18.52
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	**18.67**
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	18.64
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	18.56
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.51
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.61
30	100	CP-OFDM QPSK	Inner_Full	137@68	3500.01	633334	18.60
30	100	CP-OFDM 16QAM	Inner_Full	137@68	3500.01	633334	18.63
30	100	CP-OFDM 64QAM	Inner_Full	137@68	3500.01	633334	18.66
30	100	CP-OFDM 256QAM	Inner_Full	137@68	3500.01	633334	16.65
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	17.90
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	17.71
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	17.65
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	17.63
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	17.38
30	40	DFT-s-OFDM QPSK	Inner_1RB _Left	50@25	3500.01	633334	18.62
30	50	DFT-s-OFDM QPSK	Inner_1RB _Left	64@32	3500.01	633334	18.59
30	60	DFT-s-OFDM QPSK	Inner_1RB _Left	81@40	3500.01	633334	18.54
30	80	DFT-s-OFDM QPSK	Inner_1RB _Left	108@54	3500.01	633334	18.48
30	90	DFT-s-OFDM QPSK	Inner_1RB _Left	120@60	3500.01	633334	18.49

Power Level B2							
NR n78						Tune up: 20.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540.00	636000	18.99
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.03
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	18.93
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	**19.23**
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	18.95
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	19.03
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	18.99
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.62
30	100	CP-OFDM QPSK	Inner_Full	137@68	3500.01	633334	18.58
30	100	CP-OFDM 16QAM	Inner_Full	137@68	3500.01	633334	18.47
30	100	CP-OFDM 64QAM	Inner_Full	137@68	3500.01	633334	18.72
30	100	CP-OFDM 256QAM	Inner_Full	137@68	3500.01	633334	16.62
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	18.46
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	18.21
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	18.16
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	18.12
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	17.76
30	40	DFT-s-OFDM QPSK	Inner_1RB _Left	50@25	3500.01	633334	19.03
30	50	DFT-s-OFDM QPSK	Inner_1RB _Left	64@32	3500.01	633334	18.97
30	60	DFT-s-OFDM QPSK	Inner_1RB _Left	81@40	3500.01	633334	18.95
30	80	DFT-s-OFDM QPSK	Inner_1RB _Left	108@54	3500.01	633334	18.99
30	90	DFT-s-OFDM QPSK	Inner_1RB _Left	120@60	3500.01	633334	18.90

Power Level C2							
NR n78						Tune up: 23.0	
SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540.00	636000	21.96
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	21.98
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	21.93
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	**22.08**
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3500.01	633334	21.99
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3500.01	633334	21.96
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3500.01	633334	20.74
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3500.01	633334	18.70
30	100	CP-OFDM QPSK	Inner_Full	137@68	3500.01	633334	21.44
30	100	CP-OFDM 16QAM	Inner_Full	137@68	3500.01	633334	20.98
30	100	CP-OFDM 64QAM	Inner_Full	137@68	3500.01	633334	19.64
30	100	CP-OFDM 256QAM	Inner_Full	137@68	3500.01	633334	16.61
30	100	DFT-s-OFDM QPSK	Edge_Full _Right	2@271	3500.01	633334	21.14
30	100	DFT-s-OFDM QPSK	Edge_Full _Left	2@0	3500.01	633334	20.89
30	100	DFT-s-OFDM QPSK	Inner_1RB _Right	1@271	3500.01	633334	21.06
30	100	DFT-s-OFDM QPSK	Inner_1RB _Left	1@1	3500.01	633334	20.81
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3500.01	633334	20.71
30	40	DFT-s-OFDM QPSK	Inner_1RB _Left	50@25	3500.01	633334	22.00
30	50	DFT-s-OFDM QPSK	Inner_1RB _Left	64@32	3500.01	633334	21.92
30	60	DFT-s-OFDM QPSK	Inner_1RB _Left	81@40	3500.01	633334	21.95
30	80	DFT-s-OFDM QPSK	Inner_1RB _Left	108@54	3500.01	633334	21.89
30	90	DFT-s-OFDM QPSK	Inner_1RB _Left	120@60	3500.01	633334	21.90

10.5. Bluetooth and WLAN Measurement result

Table 10.5: The conducted Power measurement results for Bluetooth

Averaged Power (dBm)				
Mode	**Tune up**	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	**10.0**	8.04	7.76	**8.41**
EDR2M-4_DQPSK	**9.0**	7.13	6.78	7.55
EDR3M-8DPSK	**9.0**	7.08	6.73	7.50
/	**/**	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	**2.0**	-0.12	1.10	0.52
BLE(2M)	**1.5**	-0.61	0.68	0.02

Table 10.6: The conducted Power measurement results for WLAN 2.4GHz

Power Level D1/E1/F1				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**18.0**	16.33	**16.74**	16.50
802.11g	**18.0**	16.25	16.49	16.28
802.11n(20MHz)	**18.0**	16.17	16.44	16.23
/	**/**	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	**15.0**	14.06	13.86	13.78
Power Level D2				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**11.0**	9.61	**10.02**	9.78
802.11g	**11.0**	9.53	9.77	9.56
802.11n(20MHz)	**11.0**	9.45	9.72	9.51
/	**/**	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	**8.0**	7.34	7.14	7.06
Power Level E2/F2				
Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**15.0**	13.42	**13.83**	13.59
802.11g	**15.0**	13.34	13.58	13.37
802.11n(20MHz)	**15.0**	13.26	13.53	13.32
/	**/**	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	**12.0**	11.15	10.95	10.87

Table 10.7: The conducted Power measurement results for WLAN 5GHz

Power Level D1/E1/F1								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**18.0**	**18.0**	**17.0**	/	**17.0**	**16.0**	/	**15.0**
36(5180MHz)	16.29	16.21	15.24	38(5190MHz)	14.96	14.05	42(5210MHz)	13.13
40(5200MHz)	16.33	16.28	15.73	46(5230MHz)	14.91	14.51	/	/
44(5220MHz)	16.73	16.44	15.75	/	/	/	/	/
48(5240MHz)	**16.91**	16.35	15.78	/	/	/	/	/
<U-NII-2A>								
Tune up	**18.0**	**18.0**	**17.0**	/	**17.0**	**16.0**	/	**15.0**
52(5260MHz)	**16.96**	16.77	15.79	54(5270MHz)	15.48	14.56	58(5290MHz)	13.03
56(5280MHz)	16.87	16.75	15.85	62(5310MHz)	15.55	14.58	/	/
60(5300MHz)	16.93	16.83	15.81	/	/	/	/	/
64(5320MHz)	16.93	16.77	15.73	/	/	/	/	/
<U-NII-2C>								
Tune up	**18.0**	**18.0**	**17.0**	/	**17.0**	**16.0**	/	**15.0**
100(5500MHz)	17.03	16.88	15.87	102(5510MHz)	15.58	14.71	106(5530MHz)	13.24
116(5580MHz)	17.04	16.90	15.91	110(5550MHz)	15.60	14.74	122(5610MHz)	13.26
124(5620MHz)	17.02	16.92	15.92	126(5630MHz)	15.62	14.75	138(5690MHz)	13.20
132(5660MHz)	17.04	16.93	15.98	134(5670MHz)	15.61	14.73	/	/
140(5700MHz)	**17.05**	16.91	15.94	142(5710MHz)	15.56	14.32	/	/
144(5720MHz)	17.02	16.87	15.93	/	/	/	/	/
<U-NII-3>								
Tune up	**18.0**	**18.0**	**17.0**	/	**17.0**	**16.0**	/	**15.0**
149(5745MHz)	17.03	16.93	15.89	151(5755MHz)	15.57	14.75	155(5775MHz)	13.24
157(5785MHz)	**17.08**	16.94	15.98	159(5795MHz)	15.64	14.82	/	/
165(5825MHz)	17.04	16.96	15.96	/	/	/	/	/

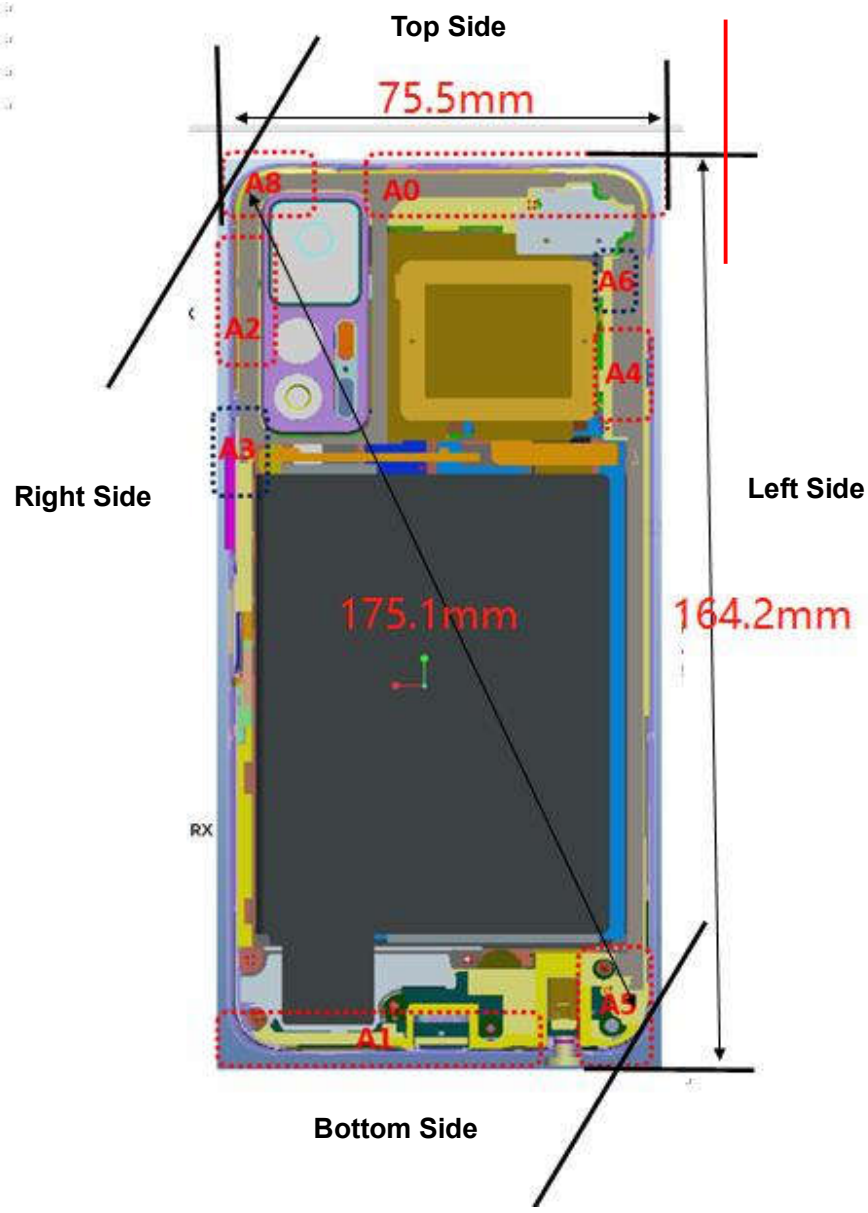
Power Level D2/E2/F2								
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**15.0**	**15.0**	**14.0**	/	**14.0**	**13.0**	/	**12.0**
36(5180MHz)	13.15	13.07	12.10	38(5190MHz)	12.12	11.21	42(5210MHz)	10.09
40(5200MHz)	13.19	13.14	12.59	46(5230MHz)	12.07	11.37	/	/
44(5220MHz)	13.59	13.30	12.61	/	/	/	/	/
48(5240MHz)	**13.77**	13.21	12.64	/	/	/	/	/
<U-NII-2A>								
Tune up	**15.0**	**15.0**	**14.0**	/	**14.0**	**13.0**	/	**12.0**
52(5260MHz)	**13.82**	13.63	12.65	54(5270MHz)	12.34	11.42	58(5290MHz)	10.18
56(5280MHz)	13.73	13.61	12.71	62(5310MHz)	12.41	11.44	/	/
60(5300MHz)	13.79	13.69	12.67	/	/	/	/	/
64(5320MHz)	13.79	13.63	12.59	/	/	/	/	/
<U-NII-2C>								
Tune up	**15.0**	**15.0**	**14.0**	/	**14.0**	**13.0**	/	**12.0**
100(5500MHz)	13.89	13.74	12.73	102(5510MHz)	12.44	11.57	106(5530MHz)	10.20
116(5580MHz)	13.90	13.76	12.77	110(5550MHz)	12.46	11.60	122(5610MHz)	10.32
124(5620MHz)	13.88	13.78	12.78	126(5630MHz)	12.48	11.61	138(5690MHz)	10.26
132(5660MHz)	13.90	13.79	12.84	134(5670MHz)	12.47	11.59	/	/
140(5700MHz)	**13.91**	13.77	12.80	142(5710MHz)	12.42	11.18	/	/
144(5720MHz)	13.88	13.73	12.79	/	/	/	/	/
<U-NII-3>								
Tune up	**15.0**	**15.0**	**14.0**	/	**14.0**	**13.0**	/	**12.0**
149(5745MHz)	13.89	13.79	12.75	151(5755MHz)	12.43	11.61	155(5775MHz)	10.30
157(5785MHz)	**13.94**	13.80	12.84	159(5795MHz)	12.50	11.68	/	/
165(5825MHz)	13.90	13.82	12.82	/	/	/	/	/

11. Simultaneous TX SAR Considerations

11.1. Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter.
For this device, the Bluetooth and WLAN can transmit simultaneous with other transmitters.

11.2. Transmit Antenna Separation Distances



Picture 11.1 Antenna Locations (Back View)

Note:

Antenna	Frequency Bands
Ant.0	TRX: GSM 850, WCDMA Band 5, LTE Band 5/12/13/17/26
Ant.1	TRX: ENDC LTE Band 2/66
Ant.2	TRX: GSM 1900, WCDMA Band 2/4, LTE Band 2/4/25/66/42/48, ENDC NR n66/78
Ant.3	DRX
Ant.4	TRX: LTE Band 7/38/41, ENDC NR n7
Ant.5	TRX: ENDC LTE Band 7/38
Ant.6	DRX
Ant.8	TRX: GPS L1, Bluetooth, WLAN 2.4GHz/5GHz

5G ENDC list:

Band	LTE TX Band	LTE TX Ant.	NR TX Band	NR TX Ant.
DC_2A_n7A	Band 2	Ant.1	n7	Ant.4
DC_66A_n7A	Band 66	Ant.1	n7	Ant.4
DC_2A_n66A	Band 2	Ant.1	n66	Ant.2
DC_12A_n66A	Band 12	Ant.0	n66	Ant.2
DC_2A_n78A	Band 2	Ant.1	n78	Ant.2
DC_7A_n78A	Band 7	Ant.5	n78	Ant.2
DC_38A_n78A	Band 38	Ant.5	n78	Ant.2
DC_66A_n78A	Band 66	Ant.1	n78	Ant.2

11.3. SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 25mm distance to the antennas need to be tested for SAR.

SAR measurement positions						
Antenna	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
Ant.0	Yes	Yes	Yes	Yes	Yes	No
Ant.1	Yes	Yes	Yes	Yes	No	Yes
Ant.2	Yes	Yes	Yes	Yes	Yes	No
Ant.4	Yes	Yes	Yes	Yes	Yes	No
Ant.5	Yes	Yes	Yes	Yes	No	Yes
Ant.8	Yes	Yes	Yes	Yes	Yes	No

11.4. Standalone SAR Test Exclusion Considerations

Standalone 1-g head or body SAR evaluation by measurement or numerical simulation is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied. The 1-g SAR test exclusion threshold for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Table 11.1: Standalone SAR test exclusion considerations

Band	f(GHz)	Position	SAR test exclusion threshold (mW)	RF output power		SAR test exclusion
				dBm	mW	
Bluetooth (BLE)	2.440	Head	9.60	2.0	1.58	Yes
		Body	19.20	2.0	1.58	Yes

12. Evaluation of Simultaneous

No.	Simultaneous Transmission Configuration
1	WWAN + Bluetooth
2	WWAN + WLAN 2.4GHz
3	WWAN + WLAN 5GHz
4	ENDC + Bluetooth
5	ENDC + WLAN 2.4GHz
6	ENDC + WLAN 5GHz

Table 12.1: The sum of SAR values for ENDC

Mode	Position	DC_2A_n7A		
		LTE Band 2 - Ant.1 (W/kg)	NR n7 - Ant.4 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.25	0.20	0.45
	Left Tilt	0.12	0.08	0.20
	Right Cheek	0.15	0.52	0.67
	Right Tilt	0.16	0.16	0.32
Hotspot	Front	0.33	0.14	0.47
	Rear	0.56	0.54	1.10
	Left	0.08	0.27	0.35
	Right	0.21	0.01	0.22
	Top	0.00	0.05	0.05
	Bottom	0.49	0.00	0.49
Body-worn	Front	0.44	0.16	0.60
	Rear	0.55	0.54	1.09
Mode	Position	DC_66A_n7A		
		LTE Band 66 - Ant.1 (W/kg)	NR n7 - Ant.4 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.23	0.20	0.43
	Left Tilt	0.12	0.08	0.20
	Right Cheek	0.14	0.52	0.66
	Right Tilt	0.11	0.16	0.27
Hotspot	Front	0.27	0.14	0.41
	Rear	0.45	0.54	0.99
	Left	0.08	0.27	0.35
	Right	0.10	0.01	0.11
	Top	0.00	0.05	0.05
	Bottom	0.49	0.00	0.49
Body-worn	Front	0.36	0.16	0.52
	Rear	0.53	0.54	1.07

ENDC

Mode	Position	DC_2A_n66A		
		LTE Band 2 - Ant.1 (W/kg)	NR n66 - Ant.2 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.25	0.57	0.82
	Left Tilt	0.12	0.27	0.39
	Right Cheek	0.15	0.29	0.44
	Right Tilt	0.16	0.34	0.50
Hotspot	Front	0.33	0.33	0.66
	Rear	0.56	0.50	1.06
	Left	0.08	0.05	0.13
	Right	0.21	0.27	0.48
	Top	0.00	0.35	0.35
	Bottom	0.49	0.00	0.49
Body-worn	Front	0.44	0.33	0.77
	Rear	0.55	0.48	1.03
Mode	Position	DC_12A_n66A		
		LTE Band 12 - Ant.0 (W/kg)	NR n66 - Ant.2 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.48	0.57	1.05
	Left Tilt	0.35	0.27	0.62
	Right Cheek	0.30	0.29	0.59
	Right Tilt	0.26	0.34	0.60
Hotspot	Front	0.23	0.33	0.56
	Rear	0.38	0.50	0.88
	Left	0.44	0.05	0.49
	Right	0.24	0.27	0.51
	Top	0.26	0.35	0.61
	Bottom	0.00	0.00	0.00
Body-worn	Front	0.23	0.33	0.56
	Rear	0.38	0.48	0.86

ENDC

Mode	Position	DC_2A_n78A		
		LTE Band 2 - Ant.1 (W/kg)	NR n78 - Ant.2 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.25	0.42	0.67
	Left Tilt	0.12	0.59	0.71
	Right Cheek	0.15	0.25	0.40
	Right Tilt	0.16	0.36	0.52
Hotspot	Front	0.33	0.12	0.45
	Rear	0.56	0.57	1.13
	Left	0.08	0.04	0.12
	Right	0.21	0.49	0.70
	Top	0.00	0.44	0.44
	Bottom	0.49	0.00	0.49
Body-worn	Front	0.44	0.14	0.58
	Rear	0.55	0.54	1.09
Mode	Position	DC_7A_n78A		
		LTE Band 7 - Ant.5 (W/kg)	NR n78 - Ant.2 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.24	0.42	0.66
	Left Tilt	0.10	0.59	0.69
	Right Cheek	0.19	0.25	0.44
	Right Tilt	0.13	0.36	0.49
Hotspot	Front	0.21	0.12	0.33
	Rear	0.52	0.57	1.09
	Left	0.33	0.04	0.37
	Right	0.08	0.49	0.57
	Top	0.00	0.44	0.44
	Bottom	0.11	0.00	0.11
Body-worn	Front	0.22	0.14	0.36
	Rear	0.47	0.54	1.01

ENDC

Mode	Position	DC_38A_n78A		
		LTE Band 38 - Ant.5 (W/kg)	NR n78 - Ant.2 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.19	0.42	0.61
	Left Tilt	0.08	0.59	0.67
	Right Cheek	0.13	0.25	0.38
	Right Tilt	0.11	0.36	0.47
Hotspot	Front	0.26	0.12	0.38
	Rear	0.60	0.57	1.17
	Left	0.29	0.04	0.33
	Right	0.08	0.49	0.57
	Top	0.00	0.44	0.44
	Bottom	0.16	0.00	0.16
Body-worn	Front	0.19	0.14	0.33
	Rear	0.32	0.54	0.86
Mode	Position	DC_66A_n78A		
		LTE Band 66 - Ant.1 (W/kg)	NR n78 - Ant.2 (W/kg)	SUM (W/kg)
Head	Left Cheek	0.23	0.42	0.65
	Left Tilt	0.12	0.59	0.71
	Right Cheek	0.14	0.25	0.39
	Right Tilt	0.11	0.36	0.47
Hotspot	Front	0.27	0.12	0.39
	Rear	0.45	0.57	1.02
	Left	0.08	0.04	0.12
	Right	0.10	0.49	0.59
	Top	0.00	0.44	0.44
	Bottom	0.49	0.00	0.49
Body-worn	Front	0.36	0.14	0.50
	Rear	0.53	0.54	1.07

Table 12.2: Maximum Simultaneous Transmission SAR

/	Position	Sum (W/kg)
Highest reported SAR value for Head	Left Tilt (LTE Band 42 + WLAN 5GHz)	**1.32**
Highest reported SAR value for Hotspot	Rear Side (DC_38A_n78A + WLAN 5GHz)	**1.38**
Highest reported SAR value for Body-worn	Rear Side (DC_2A_n7A/DC_2A_n78A + WLAN 2.4GHz)	**1.21**

Note: the test positions of above tables are for the worse case that has been evaluated.

Conclusion:

According to the above tables, the sum of reported SAR values is less than limit. So the simultaneous transmission SAR with volume scans is not required.

13. Summary of Test Results

According to the client's decision rule in the test registration form, which is "based on the measurement results as the basis of the conformity statement", the test conclusion of this report meets the limit requirements.

The calculated SAR is obtained by the following formula:

$$\text{Reported SAR} = \text{Measured SAR} \times 10^{(P_{Target} - P_{Measured})/10}$$

Where P_{Target} is the power of manufacturing upper limit;

$P_{Measured}$ is the measured power in chapter 10.

General Note:

1. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension> 16.0 cm, 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, however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

a. WLAN5GHz U-NII-2A and U-NII-2C tested the product specific 10g SAR since it has no hotspot mode.

b. When 10-g product specific 10g SAR is considered, SAR thresholds is specified in the procedures for SAR test reduction and exclusion should be multiplied by 2.5.

2. B2 (Battery): Shenzhen BYD lithium BATTERY CO., LTD

Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS	1:2
WCDMA	1:1
FDD_LTE	1:1
TDD_LTE	1:1
5G NR	1:1
Bluetooth	1:1
WLAN	1:1

13.1. Testing Environment

Temperature:	18°C~25°C
Relative humidity:	30%~70%
Ambient noise & Reflection:	< 0.012 W/kg

13.2. SAR results for 2G/3G/4G

Table 13.1: SAR Values (GSM 850 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
190	836.6	Speech	Left Cheek	/	31.70	32.8	0.715	**0.92**	-0.07
190	836.6	Speech	Left Tilt	/	31.70	32.8	0.635	**0.82**	0.15
190	836.6	Speech	Right Cheek	/	31.70	32.8	0.695	**0.90**	0.09
190	836.6	Speech	Right Tilt	/	31.70	32.8	0.677	**0.87**	-0.06
251	848.8	Speech	Left Cheek	/	31.61	32.8	0.709	**0.93**	-0.08
128	824.2	Speech	Left Cheek	**1**	31.72	32.8	**0.722**	**0.93**	-0.10
251	848.8	Speech	Left Tilt	/	31.61	32.8	0.630	**0.83**	0.05
128	824.2	Speech	Left Tilt	/	31.72	32.8	0.641	**0.82**	0.09
251	848.8	Speech	Right Cheek	/	31.61	32.8	0.689	**0.91**	-0.04
128	824.2	Speech	Right Cheek	/	31.72	32.8	0.702	**0.90**	0.08
251	848.8	Speech	Right Tilt	/	31.61	32.8	0.671	**0.88**	0.10
128	824.2	Speech	Right Tilt	/	31.72	32.8	0.684	**0.88**	0.07
128	824.2	Speech	Left Cheek	B2	31.72	32.8	0.678	**0.87**	0.03

Table 13.2: SAR Values (GSM 850 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
190	836.6	GPRS-4	Front	/	27.81	28.5	0.318	**0.37**	0.10
190	836.6	GPRS-4	Rear	/	27.81	28.5	0.397	**0.47**	-0.05
190	836.6	GPRS-4	Left	/	27.81	28.5	0.298	**0.35**	0.03
190	836.6	GPRS-4	Right	/	27.81	28.5	0.195	**0.23**	0.00
190	836.6	GPRS-4	Top	/	27.81	28.5	0.464	**0.54**	0.19
190	836.6	GPRS-4	Top	**2**/B2	27.81	28.5	**0.580**	**0.68**	0.04
Body-Worn Test Data (10mm) - Power Level C1									
190	836.6	GPRS-4	Front	/	27.81	28.5	0.318	**0.37**	0.10
190	836.6	GPRS-4	Rear	/	27.81	28.5	0.397	**0.47**	-0.05

Table 13.3: SAR Values (GSM 1900 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
661	1880.0	Speech	Left Cheek	/	29.44	30.5	0.750	**0.96**	0.03
661	1880.0	Speech	Left Tilt	/	29.44	30.5	0.280	**0.36**	0.12
661	1880.0	Speech	Right Cheek	/	29.44	30.5	0.349	**0.45**	0.05
661	1880.0	Speech	Right Tilt	/	29.44	30.5	0.286	**0.37**	-0.09
810	1909.8	Speech	Left Cheek	/	29.75	30.5	0.757	**0.90**	0.03
512	1850.2	Speech	Left Cheek	**3**	29.58	30.5	**0.809**	**1.00**	0.05
512	1850.2	Speech	Left Cheek	B2	29.58	30.5	0.707	**0.87**	0.08

Table 13.4: SAR Values (GSM 1900 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
661	1880.0	GPRS-4	Front	/	26.04	27.0	0.327	**0.41**	-0.08
661	1880.0	GPRS-4	Rear	**4**	26.04	27.0	**0.492**	**0.61**	0.05
661	1880.0	GPRS-4	Left	/	26.04	27.0	0.058	**0.07**	-0.01
661	1880.0	GPRS-4	Right	/	26.04	27.0	0.491	**0.61**	0.12
661	1880.0	GPRS-4	Top	/	26.04	27.0	0.381	**0.48**	0.15
661	1880.0	GPRS-4	Rear	B2	26.04	27.0	0.166	**0.21**	0.05
Body-Worn Test Data (10mm) - Power Level C1									
661	1880.0	GPRS-4	Front	/	26.04	27.0	0.327	**0.41**	-0.08
661	1880.0	GPRS-4	Rear	/	26.04	27.0	0.492	**0.61**	0.05

Table 13.5: SAR Values (WCDMA Band 2 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
9400	1880.0	RMC	Left Cheek	**5**	18.80	19.5	**0.486**	**0.57**	0.13
9400	1880.0	RMC	Left Tilt	/	18.80	19.5	0.173	**0.20**	-0.11
9400	1880.0	RMC	Right Cheek	/	18.80	19.5	0.234	**0.27**	-0.03
9400	1880.0	RMC	Right Tilt	/	18.80	19.5	0.180	**0.21**	-0.14
9400	1880.0	RMC	Left Cheek	B2	18.80	19.5	0.473	**0.56**	0.06

Table 13.6: SAR Values (WCDMA Band 2 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
9400	1880.0	RMC	Front	/	20.60	21.5	0.185	**0.23**	-0.07
9400	1880.0	RMC	Rear	**6**	20.60	21.5	**0.289**	**0.36**	0.07
9400	1880.0	RMC	Left	/	20.60	21.5	0.016	**0.02**	-0.03
9400	1880.0	RMC	Right	/	20.60	21.5	0.285	**0.35**	0.12
9400	1880.0	RMC	Top	/	20.60	21.5	0.191	**0.23**	0.03
9400	1880.0	RMC	Rear	B2	20.60	21.5	0.277	**0.34**	0.05
Body-Worn Test Data (15mm) - Power Level C1									
9400	1880.0	RMC	Front	/	22.20	23.0	0.147	**0.18**	0.06
9400	1880.0	RMC	Rear	/	22.20	23.0	0.200	**0.24**	0.07

Table 13.7: SAR Values (WCDMA Band 4 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
1413	1732.6	RMC	Left Cheek	/	19.00	19.5	0.712	**0.80**	-0.02
1413	1732.6	RMC	Left Tilt	/	19.00	19.5	0.313	**0.35**	-0.04
1413	1732.6	RMC	Right Cheek	/	19.00	19.5	0.378	**0.42**	-0.11
1413	1732.6	RMC	Right Tilt	/	19.00	19.5	0.345	**0.39**	0.18
1513	1752.6	RMC	Left Cheek	**7**	19.00	19.5	**0.796**	**0.89**	-0.16
1312	1712.4	RMC	Left Cheek	/	18.90	19.5	0.629	**0.72**	-0.12
1513	1752.6	RMC	Left Cheek	B2	19.00	19.5	0.625	**0.70**	0.03

Table 13.8: SAR Values (WCDMA Band 4 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
1413	1732.6	RMC	Front	/	21.90	22.5	0.293	**0.34**	-0.02
1413	1732.6	RMC	Rear	**8**	21.90	22.5	**0.435**	**0.50**	0.04
1413	1732.6	RMC	Left	/	21.90	22.5	0.045	**0.05**	0.13
1413	1732.6	RMC	Right	/	21.90	22.5	0.275	**0.32**	0.16
1413	1732.6	RMC	Top	/	21.90	22.5	0.325	**0.37**	0.08
1413	1732.6	RMC	Rear	B2	21.90	22.5	0.386	**0.44**	-0.13
Body-Worn Test Data (15mm) - Power Level C1									
1413	1732.6	RMC	Front	/	23.80	24.5	0.331	**0.39**	0.03
1413	1732.6	RMC	Rear	/	23.80	24.5	**0.391**	**0.46**	0.07

Table 13.9: SAR Values (WCDMA Band 5 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
4183	836.6	RMC	Left Cheek	/	22.20	23.5	0.673	**0.91**	-0.06
4183	836.6	RMC	Left Tilt	/	22.20	23.5	0.613	**0.83**	-0.12
4183	836.6	RMC	Right Cheek	/	22.20	23.5	0.719	**0.97**	0.01
4183	836.6	RMC	Right Tilt	/	22.20	23.5	0.674	**0.91**	0.09
4233	846.6	RMC	Left Cheek	/	22.20	23.5	0.642	**0.87**	-0.10
4132	826.4	RMC	Left Cheek	/	22.30	23.5	0.729	**0.96**	-0.08
4233	846.6	RMC	Left Tilt	/	22.20	23.5	0.582	**0.79**	-0.08
4132	826.4	RMC	Left Tilt	/	22.30	23.5	0.661	**0.87**	0.17
4233	846.6	RMC	Right Cheek	/	22.20	23.5	0.686	**0.93**	0.01
4132	826.4	RMC	Right Cheek	**9**	22.30	23.5	**0.779**	**1.03**	0.01
4233	846.6	RMC	Right Tilt	/	22.20	23.5	0.643	**0.87**	0.10
4132	826.4	RMC	Right Tilt	/	22.30	23.5	0.730	**0.96**	0.05
4132	826.4	RMC	Right Cheek	B2	22.30	23.5	0.705	**0.93**	0.08

Table 13.10: SAR Values (WCDMA Band 5 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
4183	836.6	RMC	Front	/	22.90	24.5	0.257	**0.37**	0.05
4183	836.6	RMC	Rear	/	22.90	24.5	0.262	**0.38**	0.09
4183	836.6	RMC	Left	/	22.90	24.5	0.242	**0.35**	-0.12
4183	836.6	RMC	Right	/	22.90	24.5	0.139	**0.20**	0.02
4183	836.6	RMC	Top	/	22.90	24.5	0.386	**0.56**	-0.17
4183	836.6	RMC	Top	**10**/B2	22.90	24.5	**0.417**	**0.60**	0.06
Body-Worn Test Data (10mm) - Power Level C1									
4183	836.6	RMC	Front	/	22.90	24.5	0.257	**0.37**	0.05
4183	836.6	RMC	Rear	/	22.90	24.5	0.262	**0.38**	0.09

Table 13.11: SAR Values (LTE Band 2 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
18900	1880.0	1RB50	Left Cheek	/	24.44	25.0	0.218	**0.25**	0.06
18900	1880.0	50RB0	Left Cheek	/	23.43	24.0	0.188	**0.21**	0.03
18900	1880.0	1RB50	Left Tilt	/	24.44	25.0	0.105	**0.12**	-0.12
18900	1880.0	50RB0	Left Tilt	/	23.43	24.0	0.089	**0.10**	0.04
18900	1880.0	1RB50	Right Cheek	/	24.44	25.0	0.129	**0.15**	0.19
18900	1880.0	50RB0	Right Cheek	/	23.43	24.0	0.126	**0.14**	0.08
18900	1880.0	1RB50	Right Tilt	/	24.44	25.0	0.140	**0.16**	0.02
18900	1880.0	50RB0	Right Tilt	/	23.43	24.0	0.112	**0.13**	0.01

Table 13.12: SAR Values (LTE Band 2 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
18900	1880.0	1RB50	Front	/	21.15	22.0	0.273	**0.33**	-0.18
18900	1880.0	50RB0	Front	/	21.14	22.0	0.251	**0.31**	-0.04
18900	1880.0	1RB50	Rear	/	21.15	22.0	0.462	**0.56**	-0.02
18900	1880.0	50RB0	Rear	/	21.14	22.0	0.431	**0.53**	-0.16
18900	1880.0	1RB50	Left	/	21.15	22.0	0.067	**0.08**	0.17
18900	1880.0	50RB0	Left	/	21.14	22.0	0.066	**0.08**	-0.08
18900	1880.0	1RB50	Right	/	21.15	22.0	0.173	**0.21**	-0.01
18900	1880.0	50RB0	Right	/	21.14	22.0	0.164	**0.20**	0.10
18900	1880.0	1RB50	Bottom	/	21.15	22.0	0.415	**0.50**	0.04
18900	1880.0	50RB0	Bottom	/	21.14	22.0	0.406	**0.49**	-0.09
Body-Worn Test Data (15mm) - Power Level C2									
18900	1880.0	1RB50	Front	/	24.44	25.0	0.389	**0.44**	-0.05
18900	1880.0	50RB0	Front	/	23.43	24.0	0.295	**0.34**	-0.09
18900	1880.0	1RB50	Rear	/	24.44	25.0	0.487	**0.55**	-0.09
18900	1880.0	50RB0	Rear	/	23.43	24.0	0.470	**0.54**	0.19

Table 13.13: SAR Values (LTE Band 7 - Head) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
21350	2560.0	1RB99	Left Cheek	/	20.05	20.5	0.154	**0.17**	0.07
21350	2560.0	50RB50	Left Cheek	/	20.06	20.5	0.162	**0.18**	0.03
21350	2560.0	1RB99	Left Tilt	/	20.05	20.5	0.111	**0.12**	0.07
21350	2560.0	50RB50	Left Tilt	/	20.06	20.5	0.125	**0.14**	0.05
21350	2560.0	1RB99	Right Cheek	/	20.05	20.5	0.844	**0.94**	0.03
21350	2560.0	50RB50	Right Cheek	/	20.06	20.5	0.853	**0.94**	0.03
21350	2560.0	1RB99	Right Tilt	/	20.05	20.5	0.238	**0.26**	0.03
21350	2560.0	50RB50	Right Tilt	/	20.06	20.5	0.249	**0.28**	0.08
21100	2535.0	1RB99	Right Cheek	/	19.77	20.5	0.929	**1.10**	0.01
20850	2510.0	1RB99	Right Cheek	/	19.54	20.5	0.861	**1.07**	0.08
21100	2535.0	50RB50	Right Cheek	**11**	19.81	20.5	**0.959**	**1.12**	0.05
20850	2510.0	50RB50	Right Cheek	/	19.53	20.5	0.880	**1.10**	0.06
21350	2560.0	100RB	Right Cheek	/	19.86	20.5	0.921	**1.07**	0.08
21100	2535.0	50RB50	Right Cheek	B2	19.81	20.5	0.741	**0.87**	0.06

Table 13.14: SAR Values (LTE Band 7 - Body) - Ant.4

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
21350	2560.0	1RB99	Front	/	20.05	20.5	0.181	**0.20**	0.15
21350	2560.0	50RB50	Front	/	20.06	20.5	0.185	**0.20**	-0.18
21350	2560.0	1RB99	Rear	/	20.05	20.5	0.686	**0.76**	-0.01
21350	2560.0	50RB50	Rear	/	20.06	20.5	0.720	**0.80**	0.06
21350	2560.0	1RB99	Left	/	20.05	20.5	0.304	**0.34**	0.02
21350	2560.0	50RB50	Left	/	20.06	20.5	0.318	**0.35**	-0.03
21350	2560.0	1RB99	Right	/	20.05	20.5	0.009	**0.01**	-0.09
21350	2560.0	50RB50	Right	/	20.06	20.5	0.011	**0.01**	0.15
21350	2560.0	1RB99	Top	/	20.05	20.5	0.073	**0.08**	0.05
21350	2560.0	50RB50	Top	/	20.06	20.5	0.071	**0.08**	-0.13
21100	2535.0	50RB50	Rear	**12**	19.81	20.5	**0.827**	**0.97**	0.03
20850	2510.0	50RB50	Rear	/	19.53	20.5	0.708	**0.89**	0.18
21350	2560.0	100RB	Rear	/	19.86	20.5	0.749	**0.87**	0.17
21100	2535.0	50RB50	Rear	B2	19.81	20.5	0.806	**0.94**	0.03
Body-Worn Test Data (15mm) - Power Level C1									
21350	2560.0	1RB99	Front	/	20.05	20.5	0.120	**0.13**	0.08
21350	2560.0	50RB50	Front	/	20.06	20.5	0.127	**0.14**	0.03
21350	2560.0	1RB99	Rear	/	20.05	20.5	0.335	**0.37**	0.13
21350	2560.0	50RB50	Rear	/	20.06	20.5	0.340	**0.38**	0.05

Table 13.15: SAR Values (LTE Band 7 - Head) - Ant.5

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
21100	2535.0	1RB50	Left Cheek	/	23.42	24.5	0.185	**0.24**	0.06
21100	2535.0	50RB0	Left Cheek	/	22.38	23.5	0.169	**0.22**	0.04
21100	2535.0	1RB50	Left Tilt	/	23.42	24.5	0.076	**0.10**	0.04
21100	2535.0	50RB0	Left Tilt	/	22.38	23.5	0.068	**0.09**	0.01
21100	2535.0	1RB50	Right Cheek	/	23.42	24.5	0.149	**0.19**	0.09
21100	2535.0	50RB0	Right Cheek	/	22.38	23.5	0.111	**0.14**	0.07
21100	2535.0	1RB50	Right Tilt	/	23.42	24.5	0.075	**0.10**	0.04
21100	2535.0	50RB0	Right Tilt	/	22.38	23.5	0.099	**0.13**	0.03

Table 13.16: SAR Values (LTE Band 7 - Body) - Ant.5

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
21100	2535.0	1RB50	Front	/	20.45	21.5	0.165	**0.21**	0.12
21100	2535.0	50RB0	Front	/	20.38	21.5	0.162	**0.21**	0.15
21100	2535.0	1RB50	Rear	/	20.45	21.5	0.338	**0.43**	-0.11
21100	2535.0	50RB0	Rear	/	20.38	21.5	0.405	**0.52**	0.07
21100	2535.0	1RB50	Left	/	20.45	21.5	0.247	**0.31**	0.17
21100	2535.0	50RB0	Left	/	20.38	21.5	0.253	**0.33**	-0.08
21100	2535.0	1RB50	Right	/	20.45	21.5	0.057	**0.07**	0.08
21100	2535.0	50RB0	Right	/	20.38	21.5	0.060	**0.08**	0.04
21100	2535.0	1RB50	Bottom	/	20.45	21.5	0.084	**0.11**	0.03
21100	2535.0	50RB0	Bottom	/	20.38	21.5	0.079	**0.10**	-0.10
Body-Worn Test Data (15mm) - Power Level C2									
21100	2535.0	1RB50	Front	/	23.42	24.5	0.175	**0.22**	0.12
21100	2535.0	50RB0	Front	/	22.38	23.5	0.138	**0.18**	-0.10
21100	2535.0	1RB50	Rear	/	23.42	24.5	0.368	**0.47**	-0.17
21100	2535.0	50RB0	Rear	/	22.38	23.5	0.311	**0.40**	0.18

Table 13.17: SAR Values (LTE Band 12 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
23130	711.0	1RB49	Left Cheek	/	23.10	24.0	0.526	**0.65**	0.05
23060	704.0	25RB0	Left Cheek	/	22.17	23.0	0.410	**0.50**	-0.02
23130	711.0	1RB49	Left Tilt	/	23.10	24.0	0.381	**0.47**	0.01
23060	704.0	25RB0	Left Tilt	/	22.17	23.0	0.294	**0.36**	0.12
23130	711.0	1RB49	Right Cheek	**13**	23.10	24.0	**0.579**	**0.71**	-0.01
23060	704.0	25RB0	Right Cheek	/	22.17	23.0	0.436	**0.53**	0.03
23130	711.0	1RB49	Right Tilt	/	23.10	24.0	0.495	**0.61**	0.11
23060	704.0	25RB0	Right Tilt	/	22.17	23.0	0.401	**0.49**	-0.12
23130	711.0	1RB49	Left Cheek	B2	23.10	24.0	0.515	**0.63**	0.04

Table 13.18: SAR Values (LTE Band 12 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
23130	711.0	1RB49	Front	/	23.10	24.0	0.183	**0.23**	0.12
23060	704.0	25RB0	Front	/	22.17	23.0	0.143	**0.17**	0.06
23130	711.0	1RB49	Rear	/	23.10	24.0	0.309	**0.38**	0.09
23060	704.0	25RB0	Rear	/	22.17	23.0	0.226	**0.27**	0.11
23130	711.0	1RB49	Left	**14**	23.10	24.0	**0.354**	**0.44**	-0.03
23060	704.0	25RB0	Left	/	22.17	23.0	0.230	**0.28**	-0.09
23130	711.0	1RB49	Right	/	23.10	24.0	0.194	**0.24**	0.17
23060	704.0	25RB0	Right	/	22.17	23.0	0.136	**0.16**	-0.06
23130	711.0	1RB49	Top	/	23.10	24.0	0.214	**0.26**	0.09
23060	704.0	25RB0	Top	/	22.17	23.0	0.141	**0.17**	0.01
23130	711.0	1RB49	Left	B2	23.10	24.0	0.310	**0.38**	0.08
Body-Worn Test Data (10mm) - Power Level C1									
23130	711.0	1RB49	Front	/	23.10	24.0	0.183	**0.23**	0.12
23060	704.0	25RB0	Front	/	22.17	23.0	0.143	**0.17**	0.06
23130	711.0	1RB49	Rear	/	23.10	24.0	0.309	**0.38**	0.09
23060	704.0	25RB0	Rear	/	22.17	23.0	0.226	**0.27**	0.11

Note: SAR for LTE Band 17 is covered by LTE Band 12 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.19: SAR Values (LTE Band 12 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
23130	711.0	1RB49	Left Cheek	/	21.29	22.0	0.409	**0.48**	0.18
23060	704.0	25RB0	Left Cheek	/	21.31	22.0	0.356	**0.42**	0.14
23130	711.0	1RB49	Left Tilt	/	21.29	22.0	0.296	**0.35**	0.19
23060	704.0	25RB0	Left Tilt	/	21.31	22.0	0.255	**0.30**	-0.09
23130	711.0	1RB49	Right Cheek	/	21.29	22.0	0.258	**0.30**	-0.11
23060	704.0	25RB0	Right Cheek	/	21.31	22.0	0.248	**0.29**	0.12
23130	711.0	1RB49	Right Tilt	/	21.29	22.0	0.221	**0.26**	-0.19
23060	704.0	25RB0	Right Tilt	/	21.31	22.0	0.218	**0.26**	0.04

Table 13.20: SAR Values (LTE Band 12 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
23130	711.0	1RB49	Front	/	23.10	24.0	0.183	**0.23**	0.12
23060	704.0	25RB0	Front	/	22.17	23.0	0.143	**0.17**	0.06
23130	711.0	1RB49	Rear	/	23.10	24.0	0.309	**0.38**	0.09
23060	704.0	25RB0	Rear	/	22.17	23.0	0.226	**0.27**	0.11
23130	711.0	1RB49	Left	/	23.10	24.0	0.354	**0.44**	-0.03
23060	704.0	25RB0	Left	/	22.17	23.0	0.230	**0.28**	-0.09
23130	711.0	1RB49	Right	/	23.10	24.0	0.194	**0.24**	0.17
23060	704.0	25RB0	Right	/	22.17	23.0	0.136	**0.16**	-0.06
23130	711.0	1RB49	Top	/	23.10	24.0	0.214	**0.26**	0.09
23060	704.0	25RB0	Top	/	22.17	23.0	0.141	**0.17**	0.01
Body-Worn Test Data (10mm) - Power Level C2									
23130	711.0	1RB49	Front	/	23.10	24.0	0.183	**0.23**	0.12
23060	704.0	25RB0	Front	/	22.17	23.0	0.143	**0.17**	0.06
23130	711.0	1RB49	Rear	/	23.10	24.0	0.309	**0.38**	0.09
23060	704.0	25RB0	Rear	/	22.17	23.0	0.226	**0.27**	0.11

Table 13.21: SAR Values (LTE Band 13 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
23230	782.0	1RB24	Left Cheek	/	22.51	24.0	0.545	**0.77**	-0.06
23230	782.0	25RB12	Left Cheek	/	21.90	23.0	0.464	**0.60**	-0.07
23230	782.0	1RB24	Left Tilt	/	22.51	24.0	0.394	**0.56**	-0.02
23230	782.0	25RB12	Left Tilt	/	21.90	23.0	0.347	**0.45**	0.02
23230	782.0	1RB24	Right Cheek	/	22.51	24.0	0.451	**0.64**	-0.05
23230	782.0	25RB12	Right Cheek	/	21.90	23.0	0.413	**0.53**	0.08
23230	782.0	1RB24	Right Tilt	/	22.51	24.0	0.460	**0.65**	-0.16
23230	782.0	25RB12	Right Tilt	/	21.90	23.0	0.376	**0.48**	0.02
23230	782.0	1RB24	Left Cheek	**15**/B2	22.51	24.0	**0.610**	**0.86**	-0.07

Table 13.22: SAR Values (LTE Band 13 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
23230	782.0	1RB24	Front	/	22.51	24.0	0.173	**0.24**	0.15
23230	782.0	25RB12	Front	/	21.90	23.0	0.152	**0.20**	0.04
23230	782.0	1RB24	Rear	/	22.51	24.0	0.230	**0.32**	-0.07
23230	782.0	25RB12	Rear	/	21.90	23.0	0.195	**0.25**	0.07
23230	782.0	1RB24	Left	/	22.51	24.0	0.235	**0.33**	0.17
23230	782.0	25RB12	Left	/	21.90	23.0	0.199	**0.26**	0.05
23230	782.0	1RB24	Right	/	22.51	24.0	0.143	**0.20**	-0.08
23230	782.0	25RB12	Right	/	21.90	23.0	0.113	**0.15**	0.02
23230	782.0	1RB24	Top	**16**	22.51	24.0	**0.265**	**0.37**	0.04
23230	782.0	25RB12	Top	/	21.90	23.0	0.229	**0.30**	-0.04
23230	782.0	1RB24	Top	B2	22.51	24.0	0.246	**0.35**	0.08
Body-Worn Test Data (10mm) - Power Level C1									
23230	782.0	1RB24	Front	/	22.51	24.0	0.173	**0.24**	0.15
23230	782.0	25RB12	Front	/	21.90	23.0	0.152	**0.20**	0.04
23230	782.0	1RB24	Rear	/	22.51	24.0	0.230	**0.32**	-0.07
23230	782.0	25RB12	Rear	/	21.90	23.0	0.195	**0.25**	0.07

Table 13.23: SAR Values (LTE Band 25 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
26590	1905.0	1RB50	Left Cheek	**17**	18.05	19.5	**0.558**	**0.78**	-0.19
26590	1905.0	50RB50	Left Cheek	/	18.13	19.5	0.523	**0.72**	0.03
26590	1905.0	1RB50	Left Tilt	/	18.05	19.5	0.212	**0.30**	-0.05
26590	1905.0	50RB50	Left Tilt	/	18.13	19.5	0.213	**0.29**	-0.10
26590	1905.0	1RB50	Right Cheek	/	18.05	19.5	0.227	**0.32**	0.05
26590	1905.0	50RB50	Right Cheek	/	18.13	19.5	0.222	**0.30**	-0.06
26590	1905.0	1RB50	Right Tilt	/	18.05	19.5	0.086	**0.12**	0.01
26590	1905.0	50RB50	Right Tilt	/	18.13	19.5	0.090	**0.12**	0.03
26590	1905.0	1RB50	Left Cheek	B2	18.05	19.5	0.522	**0.73**	0.11

Table 13.24: SAR Values (LTE Band 25 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
26590	1905.0	1RB50	Front	/	20.09	21.5	0.170	**0.24**	-0.16
26590	1905.0	50RB50	Front	/	20.13	21.5	0.179	**0.25**	-0.10
26590	1905.0	1RB50	Rear	/	20.09	21.5	0.273	**0.38**	0.14
26590	1905.0	50RB50	Rear	**18**	20.13	21.5	**0.277**	**0.38**	-0.08
26590	1905.0	1RB50	Left	/	20.09	21.5	0.019	**0.03**	-0.09
26590	1905.0	50RB50	Left	/	20.13	21.5	0.012	**0.02**	0.05
26590	1905.0	1RB50	Right	/	20.09	21.5	0.260	**0.36**	-0.09
26590	1905.0	50RB50	Right	/	20.13	21.5	0.275	**0.38**	-0.07
26590	1905.0	1RB50	Top	/	20.09	21.5	0.161	**0.22**	0.01
26590	1905.0	50RB50	Top	/	20.13	21.5	0.164	**0.22**	0.13
26590	1905.0	50RB50	Rear	B2	20.13	21.5	0.275	**0.38**	0.04
Body-Worn Test Data (15mm) - Power Level C1									
26590	1905.0	1RB50	Front	/	21.11	22.5	0.112	**0.15**	0.16
26590	1905.0	50RB50	Front	/	21.15	22.5	0.104	**0.14**	-0.06
26590	1905.0	1RB50	Rear	/	21.11	22.5	0.156	**0.21**	-0.08
26590	1905.0	50RB50	Rear	/	21.15	22.5	0.153	**0.21**	0.02

Note: SAR for LTE Band 2 is covered by LTE Band 25 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.25: SAR Values (LTE Band 26 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
26765	821.5	1RB0	Left Cheek	/	22.18	23.0	0.564	**0.68**	0.06
26765	821.5	36RB0	Left Cheek	/	22.25	23.0	0.594	**0.71**	0.11
26765	821.5	1RB0	Left Tilt	/	22.18	23.0	0.428	**0.52**	0.02
26765	821.5	36RB0	Left Tilt	/	22.25	23.0	0.459	**0.55**	0.06
26765	821.5	1RB0	Right Cheek	/	22.18	23.0	0.640	**0.77**	-0.05
26765	821.5	36RB0	Right Cheek	**19**	22.25	23.0	**0.668**	**0.79**	-0.03
26765	821.5	1RB0	Right Tilt	/	22.18	23.0	0.484	**0.58**	-0.07
26765	821.5	36RB0	Right Tilt	/	22.25	23.0	0.517	**0.61**	0.17
26765	821.5	36RB0	Right Cheek	B2	22.25	23.0	0.616	**0.73**	0.04

Table 13.26: SAR Values (LTE Band 26 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
26765	821.5	1RB0	Front	/	23.30	24.0	0.168	**0.20**	0.04
26765	821.5	36RB0	Front	/	22.19	23.0	0.142	**0.17**	-0.12
26765	821.5	1RB0	Rear	/	23.30	24.0	0.227	**0.27**	0.10
26765	821.5	36RB0	Rear	/	22.19	23.0	0.182	**0.22**	0.01
26765	821.5	1RB0	Left	/	23.30	24.0	0.185	**0.22**	0.10
26765	821.5	36RB0	Left	/	22.19	23.0	0.150	**0.18**	-0.02
26765	821.5	1RB0	Right	/	23.30	24.0	0.117	**0.14**	-0.13
26765	821.5	36RB0	Right	/	22.19	23.0	0.095	**0.11**	-0.10
26765	821.5	1RB0	Top	**20**	23.30	24.0	**0.269**	**0.32**	0.02
26765	821.5	36RB0	Top	/	22.19	23.0	0.222	**0.27**	0.15
26765	821.5	1RB0	Top	B2	23.30	24.0	0.256	**0.30**	0.03
Body-Worn Test Data (10mm) - Power Level C1									
26765	821.5	1RB0	Front	/	23.30	24.0	0.168	**0.20**	0.04
26765	821.5	36RB0	Front	/	22.19	23.0	0.142	**0.17**	-0.12
26765	821.5	1RB0	Rear	/	23.30	24.0	0.227	**0.27**	0.10
26765	821.5	36RB0	Rear	/	22.19	23.0	0.182	**0.22**	0.01

Note: SAR for LTE Band 5 is covered by LTE Band 26 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.27: SAR Values (LTE Band 38 - Head) - Ant.5

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
37850	2580.0	1RB50	Left Cheek	/	22.26	23.5	0.141	**0.19**	0.04
37850	2580.0	50RB25	Left Cheek	/	21.37	22.5	0.124	**0.16**	0.03
37850	2580.0	1RB50	Left Tilt	/	22.26	23.5	0.059	**0.08**	0.12
37850	2580.0	50RB25	Left Tilt	/	21.37	22.5	0.050	**0.06**	-0.07
37850	2580.0	1RB50	Right Cheek	/	22.26	23.5	0.101	**0.13**	0.03
37850	2580.0	50RB25	Right Cheek	/	21.37	22.5	0.086	**0.11**	-0.17
37850	2580.0	1RB50	Right Tilt	/	22.26	23.5	0.085	**0.11**	-0.15
37850	2580.0	50RB25	Right Tilt	/	21.37	22.5	0.084	**0.11**	0.03

Table 13.28: SAR Values (LTE Band 38 - Body) - Ant.5

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
37850	2580.0	1RB50	Front	/	21.35	22.5	0.172	**0.22**	0.03
37850	2580.0	50RB25	Front	/	21.34	22.5	0.198	**0.26**	0.04
37850	2580.0	1RB50	Rear	/	21.35	22.5	0.411	**0.54**	0.01
37850	2580.0	50RB25	Rear	/	21.34	22.5	0.460	**0.60**	-0.05
37850	2580.0	1RB50	Left	/	21.35	22.5	0.198	**0.26**	0.03
37850	2580.0	50RB25	Left	/	21.34	22.5	0.219	**0.29**	0.05
37850	2580.0	1RB50	Right	/	21.35	22.5	0.074	**0.10**	0.12
37850	2580.0	50RB25	Right	/	21.34	22.5	0.084	**0.11**	0.07
37850	2580.0	1RB50	Bottom	/	21.35	22.5	0.092	**0.12**	-0.07
37850	2580.0	50RB25	Bottom	/	21.34	22.5	0.124	**0.16**	-0.03
Body-Worn Test Data (15mm) - Power Level C2									
37850	2580.0	1RB50	Front	/	22.26	23.5	0.146	**0.19**	0.14
37850	2580.0	50RB25	Front	/	21.37	22.5	0.113	**0.15**	-0.19
37850	2580.0	1RB50	Rear	/	22.26	23.5	0.244	**0.32**	-0.13
37850	2580.0	50RB25	Rear	/	21.37	22.5	0.226	**0.29**	0.12

Table 13.29: SAR Values (LTE Band 41 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
40185	2549.5	1RB50	Left Cheek	/	21.33	21.5	0.283	**0.29**	-0.14
39750	2506.0	50RB25	Left Cheek	/	21.40	21.5	0.334	**0.34**	0.17
40185	2549.5	1RB50	Left Tilt	/	21.33	21.5	0.127	**0.13**	-0.18
39750	2506.0	50RB25	Left Tilt	/	21.40	21.5	0.151	**0.15**	0.05
40185	2549.5	1RB50	Right Cheek	/	21.33	21.5	0.780	**0.81**	0.01
39750	2506.0	50RB25	Right Cheek	/	21.40	21.5	0.849	**0.87**	0.04
40185	2549.5	1RB50	Right Tilt	/	21.33	21.5	0.219	**0.23**	0.07
39750	2506.0	50RB25	Right Tilt	/	21.40	21.5	0.266	**0.27**	0.11
41490	2680.0	1RB50	Right Cheek	/	21.04	21.5	0.316	**0.35**	-0.01
41055	2636.5	1RB50	Right Cheek	/	21.05	21.5	0.369	**0.41**	-0.09
40620	2593.0	1RB50	Right Cheek	/	21.03	21.5	0.441	**0.49**	0.16
39750	2506.0	1RB50	Right Cheek	**21**	21.30	21.5	**0.851**	**0.89**	0.08
41490	2680.0	50RB25	Right Cheek	/	21.05	21.5	0.283	**0.31**	-0.01
41055	2636.5	50RB25	Right Cheek	/	21.17	21.5	0.384	**0.41**	-0.09
40620	2593.0	50RB25	Right Cheek	/	21.10	21.5	0.541	**0.59**	0.16
40185	2549.5	50RB25	Right Cheek	/	21.37	21.5	0.781	**0.80**	0.08
40185	2549.5	100RB	Right Cheek	/	21.35	21.5	0.774	**0.80**	-0.02
39750	2506.0	1RB50	Right Cheek	B2	21.30	21.5	0.761	**0.80**	-0.12

Note: SAR for LTE Band 38 is covered by LTE Band 41 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.30: SAR Values (LTE Band 41 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
40185	2549.5	1RB50	Front	/	21.33	21.5	0.219	**0.23**	-0.05
39750	2506.0	50RB25	Front	/	21.40	21.5	0.240	**0.25**	-0.18
40185	2549.5	1RB50	Rear	/	21.33	21.5	0.755	**0.79**	0.14
39750	2506.0	50RB25	Rear	**22**	21.40	21.5	**0.780**	**0.80**	0.05
40185	2549.5	1RB50	Left	/	21.33	21.5	0.408	**0.42**	0.17
39750	2506.0	50RB25	Left	/	21.40	21.5	0.495	**0.51**	0.12
40185	2549.5	1RB50	Right	/	21.33	21.5	0.017	**0.02**	-0.17
39750	2506.0	50RB25	Right	/	21.40	21.5	0.028	**0.03**	-0.03
40185	2549.5	1RB50	Top	/	21.33	21.5	0.085	**0.09**	0.19
39750	2506.0	50RB25	Top	/	21.40	21.5	0.080	**0.08**	-0.01
41490	2680.0	50RB25	Rear	/	21.05	21.5	0.259	**0.29**	0.14
41055	2636.5	50RB25	Rear	/	21.17	21.5	0.364	**0.39**	0.02
40620	2593.0	50RB25	Rear	/	21.10	21.5	0.489	**0.54**	0.03
40185	2549.5	50RB25	Rear	/	21.37	21.5	0.760	**0.78**	0.03
40185	2549.5	100RB	Rear	/	21.35	21.5	0.756	**0.78**	0.11
39750	2506.0	50RB25	Rear	B2	21.40	21.5	0.635	**0.65**	0.02
Body-Worn Test Data (15mm) - Power Level C1									
40185	2549.5	1RB50	Front	/	22.36	22.5	0.133	**0.14**	0.04
39750	2506.0	50RB25	Front	/	22.34	22.5	0.143	**0.15**	0.03
40185	2549.5	1RB50	Rear	/	22.36	22.5	0.428	**0.44**	0.08
39750	2506.0	50RB25	Rear	/	22.34	22.5	0.423	**0.44**	0.02

Note: SAR for LTE Band 38 is covered by LTE Band 41 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.31: SAR Values (LTE Band 42 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
42590	3500.0	1RB50	Left Cheek	/	23.53	24.5	0.540	**0.68**	0.08
42590	3500.0	50RB50	Left Cheek	/	22.49	23.5	0.402	**0.51**	0.11
42590	3500.0	1RB50	Left Tilt	**23**	23.53	24.5	**0.838**	**1.05**	0.00
42590	3500.0	50RB50	Left Tilt	/	22.49	23.5	0.668	**0.84**	0.12
42590	3500.0	1RB50	Right Cheek	/	23.53	24.5	0.326	**0.41**	-0.16
42590	3500.0	50RB50	Right Cheek	/	22.49	23.5	0.253	**0.32**	-0.04
42590	3500.0	1RB50	Right Tilt	/	23.53	24.5	0.403	**0.50**	0.04
42590	3500.0	50RB50	Right Tilt	/	22.49	23.5	0.310	**0.39**	0.15
42990	3540.0	1RB50	Left Tilt	/	23.19	24.5	0.808	**1.09**	0.11
42190	3460.0	1RB50	Left Tilt	/	23.07	24.5	0.790	**1.10**	0.07
42990	3540.0	50RB50	Left Tilt	/	22.17	23.5	0.646	**0.88**	0.19
42190	3460.0	50RB50	Left Tilt	/	21.99	23.5	0.689	**0.98**	0.06
42590	3500.0	100RB	Left Tilt	/	22.38	23.5	0.663	**0.86**	0.14
42190	3460.0	1RB50	Left Tilt	B2	23.07	24.5	0.747	**1.04**	0.02

Table 13.32: SAR Values (LTE Band 42 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
42590	3500.0	1RB50	Front	/	21.40	22.5	0.095	**0.12**	-0.03
42590	3500.0	50RB50	Front	/	21.37	22.5	0.093	**0.12**	0.18
42590	3500.0	1RB50	Rear	**24**	21.40	22.5	**0.480**	**0.62**	-0.14
42590	3500.0	50RB50	Rear	/	21.37	22.5	0.476	**0.62**	0.04
42590	3500.0	1RB50	Left	/	21.40	22.5	0.039	**0.05**	-0.10
42590	3500.0	50RB50	Left	/	21.37	22.5	0.039	**0.05**	-0.10
42590	3500.0	1RB50	Right	/	21.40	22.5	0.476	**0.61**	0.02
42590	3500.0	50RB50	Right	/	21.37	22.5	0.458	**0.59**	0.05
42590	3500.0	1RB50	Top	/	21.40	22.5	0.319	**0.41**	-0.12
42590	3500.0	50RB50	Top	/	21.37	22.5	0.314	**0.41**	-0.09
42590	3500.0	1RB50	Rear	B2	21.40	22.5	0.472	**0.61**	0.13
Body-Worn Test Data (15mm) - Power Level C1									
42590	3500.0	1RB50	Front	/	23.53	24.5	0.106	**0.13**	0.10
42590	3500.0	50RB50	Front	/	22.49	23.5	0.085	**0.11**	0.00
42590	3500.0	1RB50	Rear	/	23.53	24.5	0.330	**0.41**	0.09
42590	3500.0	50RB50	Rear	/	22.49	23.5	0.313	**0.39**	0.09

Table 13.33: SAR Values (LTE Band 48 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
55340	3560.0	1RB0	Left Cheek	/	21.41	22.5	0.435	**0.56**	0.05
55340	3560.0	50RB0	Left Cheek	/	21.42	22.5	0.451	**0.58**	-0.06
55340	3560.0	1RB0	Left Tilt	/	21.41	22.5	0.547	**0.70**	0.17
55340	3560.0	50RB0	Left Tilt	**25**	21.42	22.5	**0.556**	**0.71**	0.12
55340	3560.0	1RB0	Right Cheek	/	21.41	22.5	0.194	**0.25**	0.05
55340	3560.0	50RB0	Right Cheek	/	21.42	22.5	0.200	**0.26**	0.08
55340	3560.0	1RB0	Right Tilt	/	21.41	22.5	0.244	**0.31**	0.03
55340	3560.0	50RB0	Right Tilt	/	21.42	22.5	0.246	**0.32**	0.02
55340	3560.0	50RB0	Left Tilt	B2	21.42	22.5	0.547	**0.70**	-0.06

Table 13.34: SAR Values (LTE Band 48 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
55340	3560.0	1RB0	Front	/	21.41	22.5	0.091	**0.12**	-0.08
55340	3560.0	50RB0	Front	/	21.42	22.5	0.094	**0.12**	-0.12
55340	3560.0	1RB0	Rear	/	21.41	22.5	0.479	**0.62**	-0.09
55340	3560.0	50RB0	Rear	**26**	21.42	22.5	**0.481**	**0.62**	0.06
55340	3560.0	1RB0	Left	/	21.41	22.5	0.048	**0.06**	-0.10
55340	3560.0	50RB0	Left	/	21.42	22.5	0.042	**0.05**	0.12
55340	3560.0	1RB0	Right	/	21.41	22.5	0.449	**0.58**	0.03
55340	3560.0	50RB0	Right	/	21.42	22.5	0.451	**0.58**	-0.07
55340	3560.0	1RB0	Top	/	21.41	22.5	0.366	**0.47**	-0.11
55340	3560.0	50RB0	Top	/	21.42	22.5	0.372	**0.48**	0.02
55340	3560.0	50RB0	Rear	B2	21.42	22.5	0.461	**0.59**	0.05
Body-Worn Test Data (15mm) - Power Level C1									
55340	3560.0	1RB0	Front	/	23.39	24.5	0.080	**0.10**	0.18
55340	3560.0	50RB0	Front	/	22.32	23.5	0.070	**0.09**	-0.01
55340	3560.0	1RB0	Rear	/	23.39	24.5	0.289	**0.37**	0.07
55340	3560.0	50RB0	Rear	/	22.32	23.5	0.223	**0.29**	-0.13

Table 13.35: SAR Values (LTE Band 66 - Head) - Ant.2

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
132322	1745.0	1RB0	Left Cheek	/	19.29	19.5	0.659	**0.69**	0.07
132322	1745.0	50RB0	Left Cheek	/	19.35	19.5	0.668	**0.69**	-0.08
132322	1745.0	1RB0	Left Tilt	/	19.29	19.5	0.326	**0.34**	0.05
132322	1745.0	50RB0	Left Tilt	/	19.35	19.5	0.342	**0.35**	-0.07
132322	1745.0	1RB0	Right Cheek	/	19.29	19.5	0.282	**0.30**	-0.05
132322	1745.0	50RB0	Right Cheek	/	19.35	19.5	0.304	**0.31**	0.07
132322	1745.0	1RB0	Right Tilt	/	19.29	19.5	0.139	**0.15**	-0.01
132322	1745.0	50RB0	Right Tilt	/	19.35	19.5	0.151	**0.16**	0.04
132322	1745.0	50RB0	Left Cheek	**27**/B2	19.35	19.5	**0.728**	**0.75**	-0.04

Table 13.36: SAR Values (LTE Band 66 - Body) - Ant.2

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
132322	1745.0	1RB0	Front	/	23.14	23.5	0.391	**0.42**	0.10
132322	1745.0	50RB0	Front	/	23.20	23.5	0.409	**0.44**	0.03
132322	1745.0	1RB0	Rear	/	23.14	23.5	0.479	**0.52**	0.04
132322	1745.0	50RB0	Rear	**28**	23.20	23.5	**0.567**	**0.61**	-0.07
132322	1745.0	1RB0	Left	/	23.14	23.5	0.066	**0.07**	0.04
132322	1745.0	50RB0	Left	/	23.20	23.5	0.067	**0.07**	-0.03
132322	1745.0	1RB0	Right	/	23.14	23.5	0.354	**0.38**	0.09
132322	1745.0	50RB0	Right	/	23.20	23.5	0.366	**0.39**	0.13
132322	1745.0	1RB0	Top	/	23.14	23.5	0.394	**0.43**	0.08
132322	1745.0	50RB0	Top	/	23.20	23.5	0.412	**0.44**	0.11
132322	1745.0	50RB0	Rear	B2	23.20	23.5	0.560	**0.60**	0.05
Body-Worn Test Data (15mm) - Power Level C1									
132322	1745.0	1RB0	Front	/	24.25	24.5	0.302	**0.32**	0.08
132322	1745.0	50RB0	Front	/	23.23	23.5	0.249	**0.26**	0.03
132322	1745.0	1RB0	Rear	/	24.25	24.5	0.376	**0.40**	0.01
132322	1745.0	50RB0	Rear	/	23.23	23.5	0.207	**0.22**	0.13

Note: SAR for LTE Band 4 is covered by LTE Band 66 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.37: SAR Values (LTE Band 66 - Head) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
132572	1770.0	1RB0	Left Cheek	/	24.38	24.5	0.223	**0.23**	0.03
132572	1770.0	50RB0	Left Cheek	/	23.31	23.5	0.151	**0.16**	0.06
132572	1770.0	1RB0	Left Tilt	/	24.38	24.5	0.116	**0.12**	0.04
132572	1770.0	50RB0	Left Tilt	/	23.31	23.5	0.095	**0.10**	0.07
132572	1770.0	1RB0	Right Cheek	/	24.38	24.5	0.137	**0.14**	0.08
132572	1770.0	50RB0	Right Cheek	/	23.31	23.5	0.093	**0.10**	0.05
132572	1770.0	1RB0	Right Tilt	/	24.38	24.5	0.108	**0.11**	0.11
132572	1770.0	50RB0	Right Tilt	/	23.31	23.5	0.076	**0.08**	0.06

Table 13.38: SAR Values (LTE Band 66 - Body) - Ant.1

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
132572	1770.0	1RB50	Front	/	19.87	20.5	0.190	**0.22**	-0.02
132572	1770.0	50RB0	Front	/	19.72	20.5	0.226	**0.27**	-0.05
132572	1770.0	1RB50	Rear	/	19.87	20.5	0.376	**0.43**	-0.17
132572	1770.0	50RB0	Rear	/	19.72	20.5	0.376	**0.45**	0.08
132572	1770.0	1RB50	Left	/	19.87	20.5	0.068	**0.08**	0.01
132572	1770.0	50RB0	Left	/	19.72	20.5	0.070	**0.08**	0.18
132572	1770.0	1RB50	Right	/	19.87	20.5	0.080	**0.09**	0.14
132572	1770.0	50RB0	Right	/	19.72	20.5	0.080	**0.10**	0.03
132572	1770.0	1RB50	Bottom	/	19.87	20.5	0.425	**0.49**	0.03
132572	1770.0	50RB0	Bottom	/	19.72	20.5	0.411	**0.49**	0.15
Body-Worn Test Data (15mm) - Power Level C2									
132572	1770.0	1RB0	Front	/	24.38	24.5	0.348	**0.36**	0.18
132572	1770.0	50RB0	Front	/	23.31	23.5	0.273	**0.29**	0.10
132572	1770.0	1RB0	Rear	/	24.38	24.5	0.518	**0.53**	-0.08
132572	1770.0	50RB0	Rear	/	23.31	23.5	0.463	**0.48**	0.05

13.3. Test Results for SUB 6G

Table 13.39: SAR Values (NR n7 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
507000	2535.0	50@25	Left Cheek	/	17.17	17.5	0.187	**0.20**	0.18
507000	2535.0	50@25	Left Tilt	/	17.17	17.5	0.073	**0.08**	0.01
507000	2535.0	50@25	Right Cheek	**29**	17.17	17.5	**0.483**	**0.52**	0.06
507000	2535.0	50@25	Right Tilt	/	17.17	17.5	0.147	**0.16**	0.08

Table 13.40: SAR Values (NR n7 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
507000	2535.0	50@25	Front	/	18.18	18.5	0.131	**0.14**	-0.16
507000	2535.0	50@25	Rear	**30**	18.18	18.5	**0.505**	**0.54**	0.02
507000	2535.0	50@25	Left	/	18.18	18.5	0.251	**0.27**	0.08
507000	2535.0	50@25	Right	/	18.18	18.5	0.010	**0.01**	0.15
507000	2535.0	50@25	Top	/	18.18	18.5	0.050	**0.05**	-0.01
Body-Worn Test Data (15mm) - Power Level C2									
507000	2535.0	50@25	Front	/	21.12	21.5	0.146	**0.16**	0.12
507000	2535.0	50@25	Rear	/	21.12	21.5	0.496	**0.54**	0.03

Table 13.41: SAR Values (NR n66 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
349000	1745.0	108@54	Left Cheek	**31**	17.76	18.0	**0.541**	**0.57**	-0.06
349000	1745.0	108@54	Left Tilt	/	17.76	18.0	0.256	**0.27**	-0.08
349000	1745.0	108@54	Right Cheek	/	17.76	18.0	0.275	**0.29**	0.13
349000	1745.0	108@54	Right Tilt	/	17.76	18.0	0.318	**0.34**	0.03

Table 13.42: SAR Values (NR n66 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
349000	1745.0	108@54	Front	/	21.68	22.0	0.309	**0.33**	0.04
349000	1745.0	108@54	Rear	**32**	21.68	22.0	**0.461**	**0.50**	0.07
349000	1745.0	108@54	Left	/	21.68	22.0	0.046	**0.05**	0.14
349000	1745.0	108@54	Right	/	21.68	22.0	0.252	**0.27**	0.01
349000	1745.0	108@54	Top	/	21.68	22.0	0.327	**0.35**	-0.17
Body-Worn Test Data (10mm) - Power Level C2									
349000	1745.0	108@54	Front	/	21.68	22.0	0.309	**0.33**	0.04
349000	1745.0	108@54	Rear	/	21.68	22.0	0.461	**0.50**	0.07

Table 13.43: SAR Values (NR n78 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A2									
633334	3500.01	135@67	Left Cheek	/	18.67	19.5	0.350	**0.42**	0.05
633334	3500.01	135@67	Left Tilt	**33**	18.67	19.5	**0.487**	**0.59**	0.02
633334	3500.01	135@67	Right Cheek	/	18.67	19.5	0.208	**0.25**	0.13
633334	3500.01	135@67	Right Tilt	/	18.67	19.5	0.299	**0.36**	-0.15

Table 13.44: SAR Values (NR n78 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B2									
633334	3500.01	135@67	Front	/	19.23	20.0	0.102	**0.12**	0.02
633334	3500.01	135@67	Rear	**34**	19.23	20.0	**0.478**	**0.57**	0.03
633334	3500.01	135@67	Left	/	19.23	20.0	0.035	**0.04**	0.16
633334	3500.01	135@67	Right	/	19.23	20.0	0.413	**0.49**	0.18
633334	3500.01	135@67	Top	/	19.23	20.0	0.371	**0.44**	0.03
Body-Worn Test Data (15mm) - Power Level C2									
633334	3500.01	135@67	Front	/	22.08	23.0	0.117	**0.14**	-0.05
633334	3500.01	135@67	Rear	/	22.08	23.0	0.436	**0.54**	0.05

13.4. Test Results for Bluetooth

Table 13.45: SAR Values (Bluetooth - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
78	2480.0	GFSK	Left Cheek	**35**	8.41	10.0	**0.072**	**0.10**	0.06
78	2480.0	GFSK	Left Tilt	/	8.41	10.0	0.043	**0.06**	0.04
78	2480.0	GFSK	Right Cheek	/	8.41	10.0	0.028	**0.04**	0.08
78	2480.0	GFSK	Right Tilt	/	8.41	10.0	0.024	**0.03**	0.03
78	2480.0	GFSK	Left Cheek	B2	8.41	10.0	0.068	**0.10**	0.05

Table 13.46: SAR Values (Bluetooth - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Test Data (10mm)									
78	2480.0	GFSK	Front	/	8.41	10.0	0.012	**0.02**	0.04
78	2480.0	GFSK	Rear	**36**	8.41	10.0	**0.015**	**0.02**	0.01
78	2480.0	GFSK	Left	/	8.41	10.0	0.000	**0.00**	0.45
78	2480.0	GFSK	Right	/	8.41	10.0	0.012	**0.02**	0.03
78	2480.0	GFSK	Top	/	8.41	10.0	0.006	**0.01**	0.03
78	2480.0	GFSK	Rear	B2	8.41	10.0	0.010	**0.01**	0.08

13.5. WLAN Evaluation for 2.4G

According to the KDB248227 D01, SAR is measured for 2.4GHz 802.11b DSSS using the initial test position procedure.

Table 13.47: SAR Values (WLAN 2.4GHz - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level D1									
6	2437.0	802.11b	Left Cheek	/	16.74	18.0	0.754	**1.01**	-0.10
6	2437.0	802.11b	Left Tilt	/	16.74	18.0	0.468	**0.63**	-0.16
6	2437.0	802.11b	Right Cheek	/	16.74	18.0	0.315	**0.42**	0.07
6	2437.0	802.11b	Right Tilt	/	16.74	18.0	0.242	**0.32**	0.05
11	2462.0	802.11b	Left Cheek	**37**	16.50	18.0	**0.766**	**1.08**	0.06
11	2462.0	802.11b	Left Cheek	B2	16.50	18.0	0.695	**0.98**	0.01
Power Level D2									
6	2437.0	802.11b	Left Cheek	/	10.02	11.0	0.161	**0.20**	0.02
6	2437.0	802.11b	Left Tilt	/	10.02	11.0	0.011	**0.01**	-0.14
6	2437.0	802.11b	Right Cheek	/	10.02	11.0	0.068	**0.08**	0.06
6	2437.0	802.11b	Right Tilt	/	10.02	11.0	0.052	**0.07**	-0.01

Note: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.48: SAR Values (WLAN - Head) – 802.11b (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
11	2462.0	Left Cheek	100%	100%	1.08	**1.08**

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

Table 13.49: SAR Values (WLAN 2.4GHz - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level E1									
6	2437.0	802.11b	Front	/	16.74	18.0	0.146	**0.20**	-0.12
6	2437.0	802.11b	Rear	**38**	16.74	18.0	**0.176**	**0.24**	0.03
6	2437.0	802.11b	Left	/	16.74	18.0	0.009	**0.01**	0.04
6	2437.0	802.11b	Right	/	16.74	18.0	0.166	**0.22**	0.01
6	2437.0	802.11b	Top	/	16.74	18.0	0.072	**0.10**	-0.09
6	2437.0	802.11b	Rear	B2	16.74	18.0	0.126	**0.17**	0.05
Hotspot Test Data (10mm) - Power Level E2									
6	2437.0	802.11b	Front	/	13.83	15.0	0.077	**0.10**	0.11
6	2437.0	802.11b	Rear	/	13.83	15.0	0.093	**0.12**	-0.01
6	2437.0	802.11b	Left	/	13.83	15.0	0.005	**0.01**	0.16
6	2437.0	802.11b	Right	/	13.83	15.0	0.087	**0.11**	-0.19
6	2437.0	802.11b	Top	/	13.83	15.0	0.038	**0.05**	0.09
Body-Worn Test Data (10mm) - Power Level F1									
6	2437.0	802.11b	Front	/	16.74	18.0	0.146	**0.20**	-0.12
6	2437.0	802.11b	Rear	/	16.74	18.0	0.176	**0.24**	0.03
Body-Worn Test Data (10mm) - Power Level F2									
6	2437.0	802.11b	Front	/	13.83	15.0	0.077	**0.10**	0.11
6	2437.0	802.11b	Rear	/	13.83	15.0	0.093	**0.12**	-0.01

Note: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.50: SAR Values (WLAN - Body) – 802.11b (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
6	2437.0	Rear	100%	100%	0.24	**0.24**

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

13.6. WLAN Evaluation for 5G

Table 13.51: SAR Values (WLAN 5GHz - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
<U-NII-2A> - Power Level D1									
52	5260.0	802.11a	Left Cheek	/	16.96	18.0	0.381	**0.48**	0.02
52	5260.0	802.11a	Left Tilt	/	16.96	18.0	0.398	**0.51**	0.07
52	5260.0	802.11a	Right Cheek	/	16.96	18.0	0.268	**0.34**	0.03
52	5260.0	802.11a	Right Tilt	/	16.96	18.0	0.307	**0.39**	0.04
<U-NII-2C> - Power Level D1									
140	5700.0	802.11a	Left Cheek	**39**	17.05	18.0	**0.409**	**0.51**	0.09
140	5700.0	802.11a	Left Tilt	/	17.05	18.0	0.317	**0.39**	0.06
140	5700.0	802.11a	Right Cheek	/	17.05	18.0	0.206	**0.26**	-0.08
140	5700.0	802.11a	Right Tilt	/	17.05	18.0	0.239	**0.30**	-0.01
140	5700.0	802.11a	Left Cheek	B2	17.05	18.0	0.260	**0.32**	0.03
<U-NII-3> - Power Level D1									
157	5785.0	802.11a	Left Cheek	/	17.08	18.0	0.340	**0.42**	0.09
157	5785.0	802.11a	Left Tilt	/	17.08	18.0	0.210	**0.26**	0.04
157	5785.0	802.11a	Right Cheek	/	17.08	18.0	0.142	**0.18**	0.12
157	5785.0	802.11a	Right Tilt	/	17.08	18.0	0.160	**0.20**	0.03
<U-NII-2A> - Power Level D2									
52	5260.0	802.11a	Left Cheek	/	13.82	15.0	0.152	**0.20**	0.15
52	5260.0	802.11a	Left Tilt	/	13.82	15.0	0.171	**0.22**	0.06
52	5260.0	802.11a	Right Cheek	/	13.82	15.0	0.115	**0.15**	0.16
52	5260.0	802.11a	Right Tilt	/	13.82	15.0	0.132	**0.17**	-0.03
<U-NII-2C> - Power Level D2									
140	5700.0	802.11a	Left Cheek	/	13.91	15.0	0.157	**0.20**	0.09
140	5700.0	802.11a	Left Tilt	/	13.91	15.0	0.122	**0.16**	0.17
140	5700.0	802.11a	Right Cheek	/	13.91	15.0	0.079	**0.10**	-0.19
140	5700.0	802.11a	Right Tilt	/	13.91	15.0	0.092	**0.12**	0.10
<U-NII-3> - Power Level D2									
157	5785.0	802.11a	Left Cheek	/	13.94	15.0	0.140	**0.18**	0.09
157	5785.0	802.11a	Left Tilt	/	13.94	15.0	0.087	**0.11**	0.07
157	5785.0	802.11a	Right Cheek	/	13.94	15.0	0.059	**0.07**	-0.02
157	5785.0	802.11a	Right Tilt	/	13.94	15.0	0.066	**0.08**	0.11

Note:

1. U-NII-1 and U-NII-2A bands have the same specified maximum output and tolerance; SAR is measured for U-NII-2A band first. Adjusted SAR of U-NII-2A band is ≤ 1.2W/kg, SAR is not required for U-NII-1 band.
2. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on

the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.52: SAR Values (WLAN - Head) – 802.11a (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
140	5700.0	Left Cheek	100%	100%	0.51	**0.51**

Table 13.53: SAR Values (WLAN 5GHz - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
<U-NII-1> - Hotspot Test Data (10mm) - Power Level E1									
48	5240.0	802.11a	Front	/	16.91	18.0	0.167	**0.21**	0.12
48	5240.0	802.11a	Rear	**40**	16.91	18.0	**0.279**	**0.36**	0.06
48	5240.0	802.11a	Left	/	16.91	18.0	0.144	**0.19**	-0.06
48	5240.0	802.11a	Right	/	16.91	18.0	0.204	**0.26**	-0.11
48	5240.0	802.11a	Top	/	16.91	18.0	0.201	**0.26**	0.08
48	5240.0	802.11a	Rear	B2	16.91	18.0	0.205	**0.26**	0.18
<U-NII-3> - Hotspot Test Data (10mm) - Power Level E1									
157	5785.0	802.11a	Front	/	17.08	18.0	0.038	**0.05**	0.10
157	5785.0	802.11a	Rear	/	17.08	18.0	0.115	**0.14**	0.02
157	5785.0	802.11a	Left	/	17.08	18.0	0.048	**0.06**	0.05
157	5785.0	802.11a	Right	/	17.08	18.0	0.055	**0.07**	0.07
157	5785.0	802.11a	Top	/	17.08	18.0	0.133	**0.16**	0.09
<U-NII-1> - Hotspot Test Data (10mm) - Power Level E2									
48	5240.0	802.11a	Front	/	13.77	15.0	0.092	**0.12**	0.18
48	5240.0	802.11a	Rear	/	13.77	15.0	0.157	**0.21**	0.13
48	5240.0	802.11a	Left	/	13.77	15.0	0.081	**0.11**	-0.10
48	5240.0	802.11a	Right	/	13.77	15.0	0.115	**0.15**	0.07
48	5240.0	802.11a	Top	/	13.77	15.0	0.113	**0.15**	0.17
<U-NII-3> - Hotspot Test Data (10mm) - Power Level E2									
157	5785.0	802.11a	Front	/	13.94	15.0	0.017	**0.02**	0.10
157	5785.0	802.11a	Rear	/	13.94	15.0	0.052	**0.07**	-0.14
157	5785.0	802.11a	Left	/	13.94	15.0	0.022	**0.03**	0.02
157	5785.0	802.11a	Right	/	13.94	15.0	0.025	**0.03**	0.03
157	5785.0	802.11a	Top	/	13.94	15.0	0.060	**0.08**	0.04
< U-NII-2A> - Body-Worn Test Data (15mm) - Power Level F1									
52	5260.0	802.11a	Front	/	16.96	18.0	0.032	**0.04**	0.09
52	5260.0	802.11a	Rear	/	16.96	18.0	0.039	**0.05**	0.01
< U-NII-2C> - Body-Worn Test Data (15mm) - Power Level F1									
140	5700.0	802.11a	Front	/	17.05	18.0	0.014	**0.02**	0.00
140	5700.0	802.11a	Rear	/	17.05	18.0	0.025	**0.03**	0.09
< U-NII-3> - Body-Worn Test Data (15mm) - Power Level F1									
157	5785.0	802.11a	Front	/	17.08	18.0	0.081	**0.10**	0.04
157	5785.0	802.11a	Rear	/	17.08	18.0	0.093	**0.11**	0.03
< U-NII-2A> - Body-Worn Test Data (15mm) - Power Level F2									
52	5260.0	802.11a	Front	/	13.82	15.0	0.015	**0.02**	-0.10
52	5260.0	802.11a	Rear	/	13.82	15.0	0.018	**0.02**	-0.15
< U-NII-2C> - Body-Worn Test Data (15mm) - Power Level F2									

140	5700.0	802.11a	Front	/	13.91	15.0	0.007	**0.01**	0.14
140	5700.0	802.11a	Rear	/	13.91	15.0	0.012	**0.02**	0.04
< U-NII-3> - Body-Worn Test Data (15mm) - Power Level F2									
157	5785.0	802.11a	Front	/	13.94	15.0	0.037	**0.05**	0.05
157	5785.0	802.11a	Rear	/	13.94	15.0	0.042	**0.05**	-0.14

Note:

1. U-NII-1 and U-NII-2A bands have the same specified maximum output and tolerance; SAR is measured for U-NII-2A band first. Adjusted SAR of U-NII-2A band is ≤ 1.2W/kg, SAR is not required for U-NII-1 band.
2. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

Table 13.54: SAR Values (WLAN - Body) – 802.11a (Scaled Reported SAR)

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz					
48	2437.0	Rear	100%	100%	0.36	**0.36**

13.7. Product specific 10g SAR

Table 13.55: SAR Values (WLAN5G - Extremity)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(10g) (W/kg)	Reported SAR(10g) (W/kg)	Power Drift(dB)
Ch.	MHz								
<U-NII-2A> - Test Data (0mm) - Power Level F1									
52	5260.0	802.11a	Front	/	16.96	18.0	0.162	**0.21**	0.11
52	5260.0	802.11a	Rear	**41**	16.96	18.0	**0.453**	**0.58**	0.16
52	5260.0	802.11a	Left	/	16.96	18.0	0.049	**0.06**	-0.12
52	5260.0	802.11a	Right	/	16.96	18.0	0.179	**0.23**	-0.09
52	5260.0	802.11a	Top	/	16.96	18.0	0.432	**0.55**	0.07
52	5260.0	802.11a	Rear	B2	16.96	18.0	0.324	**0.41**	0.08
<U-NII-2C> - Test Data (0mm) - Power Level F1									
140	5700.0	802.11a	Front	/	17.05	18.0	0.181	**0.23**	0.12
140	5700.0	802.11a	Rear	/	17.05	18.0	0.360	**0.45**	0.06
140	5700.0	802.11a	Left	/	17.05	18.0	0.032	**0.04**	0.09
140	5700.0	802.11a	Right	/	17.05	18.0	0.175	**0.22**	-0.08
140	5700.0	802.11a	Top	/	17.05	18.0	0.272	**0.34**	0.07
<U-NII-2A> - Test Data (0mm) - Power Level F2									
52	5260.0	802.11a	Front	/	13.82	15.0	0.069	**0.09**	0.12
52	5260.0	802.11a	Rear	/	13.82	15.0	0.192	**0.25**	-0.06
52	5260.0	802.11a	Left	/	13.82	15.0	0.022	**0.03**	0.01
52	5260.0	802.11a	Right	/	13.82	15.0	0.076	**0.10**	0.03
52	5260.0	802.11a	Top	/	13.82	15.0	0.183	**0.24**	-0.14
<U-NII-2C> - Test Data (0mm) - Power Level F2									
140	5700.0	802.11a	Front	/	13.91	15.0	0.082	**0.11**	0.03
140	5700.0	802.11a	Rear	/	13.91	15.0	0.163	**0.21**	0.02
140	5700.0	802.11a	Left	/	13.91	15.0	0.015	**0.02**	-0.10
140	5700.0	802.11a	Right	/	13.91	15.0	0.079	**0.10**	-0.10
140	5700.0	802.11a	Top	/	13.91	15.0	0.123	**0.16**	0.21

14. SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. 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.

The following procedures are applied to determine if repeated measurements are required.

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

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

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

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

Table 14.1: SAR Measurement Variability for Head - GSM1900

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
512	1850.2	Left Cheek	0.809	0.796	1.02	/

Table 14.2: SAR Measurement Variability for Head - LTE Band 7

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
21100	2535.0	Right Cheek	0.959	0.947	1.01	/

Table 14.3: SAR Measurement Variability for Body – LTE Band 7

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
21100	2535.0	Rear	0.827	0.815	1.01	/

Table 14.4: SAR Measurement Variability for Head - LTE Band 41

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
39750	2506.0	Right Cheek	0.851	0.833	1.02	/

Table 14.5: SAR Measurement Variability for Head - LTE Band 42

Frequency		Test Position	Original	1st Repeated	Ratio	2nd Repeated
Ch.	MHz		SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
42590	3500.0	Left Tilt	0.838	0.824	1.02	/

15. Measurement Uncertainty

15.1. Measurement Uncertainty for Normal SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	12	N	2	1	1	6.0	6.0	∞
2	Axial isotropy	B	4.7	R	$\sqrt{3}$	√0.5	√0.5	4.3	4.3	∞
3	Hemispherical isotropy	B	9.6	R	$\sqrt{3}$	1	1	4.8	4.8	∞
4	Boundary effect	B	1.1	R	$\sqrt{3}$	1	1	0.6	0.6	∞
5	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
6	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
7	Modulation response	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
8	Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
9	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
10	Integration time	B	1.7	R	$\sqrt{3}$	1	1	1.0	1.0	∞
11	RF ambient conditions-noise	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
12	RF ambient conditions-reflection	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Probe positioned mech. restrictions	B	0.35	R	$\sqrt{3}$	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
15	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
Test sample related										
16	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	5
17	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
18	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
19	Phantom uncertainty	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
20	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
21	Liquid conductivity (meas.)	A	1.3	N	1	0.64	0.43	0.83	0.56	9
22	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
23	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	0.96	0.78	9
Combined standard uncertainty			$u_c' = \sqrt{\sum_{i=1}^{23} c_i^2 u_i^2}$					11.3	11.2	95.5
Expanded uncertainty (Confidence interval of 95 %)			$u_e = 2u_c$					22.6	22.4	

15.2. Measurement Uncertainty for Normal SAR Tests (3GHz~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	13.1	N	2	1	1	6.65	6.65	∞
2	Axial isotropy	B	4.7	R	$\sqrt{3}$	√0.5	√0.5	4.3	4.3	∞
3	Hemispherical isotropy	B	9.6	R	$\sqrt{3}$	1	1	4.8	4.8	∞
4	Boundary effect	B	1.1	R	$\sqrt{3}$	1	1	0.6	0.6	∞
5	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
6	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
7	modulation response	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
8	Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
9	Response time	B	0.0	R	$\sqrt{3}$	1	1	0.0	0.0	∞
10	Integration time	B	1.7	R	$\sqrt{3}$	1	1	1.0	1.0	∞
11	RF ambient conditions-noise	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
12	RF ambient conditions-reflection	B	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Probe positioned mech. Restrictions	B	0.35	R	$\sqrt{3}$	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
15	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
Test sample related										
16	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	5
17	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
18	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
19	Phantom uncertainty	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
20	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
21	Liquid conductivity (meas.)	A	1.3	N	1	0.64	0.43	0.83	0.56	43
22	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
23	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	0.96	0.78	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						11.6	11.5	257
Expanded uncertainty (Confidence interval of 95 %)		$u_e = 2u_c$						23.2	23.0	

16. Main Test Instruments

Table 16.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46103759	2021-11-15	One year
02	Dielectric probe	85070E	MY44300317	/	/
03	Power meter	E4418B	MY50000366	2021-12-12	One year
04	Power sensor	E9304A	MY50000188	2021-12-12	One year
05	Power meter	NRP	101260	2021-12-30	One year
06	Power sensor	NRP-Z91	102211	2021-12-30	One year
07	Signal Generator	E8257D	MY47461211	2022-01-14	One year
08	Amplifier	VTL5400	0404	/	/
09	DAE	DAE4	1527	2022-06-21	One year
10	E-field Probe	EX3DV4	7621	2022-05-06	One year
11	Dipole Validation Kit	D750V3	1163	2022-08-22	Three years
12	Dipole Validation Kit	D835V2	4d057	2021-10-18	Three years
13	Dipole Validation Kit	D1750V2	1152	2022-08-22	Three years
14	Dipole Validation Kit	D1900V2	5d088	2021-10-18	Three years
15	Dipole Validation Kit	D2450V2	873	2021-10-21	Three years
16	Dipole Validation Kit	D2550V2	1010	2021-05-21	Three years
17	Dipole Validation Kit	D3500V2	1084	2019-09-20	Three years
18	Dipole Validation Kit	D5GHzV2	1238	2022-08-17	Three years
19	BTS	E5515C	GB46110722	2022-01-14	One year
20	BTS	MT8820C	6201341853	2022-01-14	One year
21	BTS	CMW500	152499	2022-07-15	One year
22	Software	DASY5	/	/	/

ANNEX A: Graph Results

GSM850 Head

Date: 2022-9-5

Electronics: DAE4 Sn1527

Medium: Head 835MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.912 S/m; ε_r = 41.094; ρ = 1000 kg/m^3

Communication System: UID 0, GSM (0) Frequency: 824.2 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Left Cheek Low/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.857 W/kg

Left Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.92 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (measured) = 0.906 W/kg

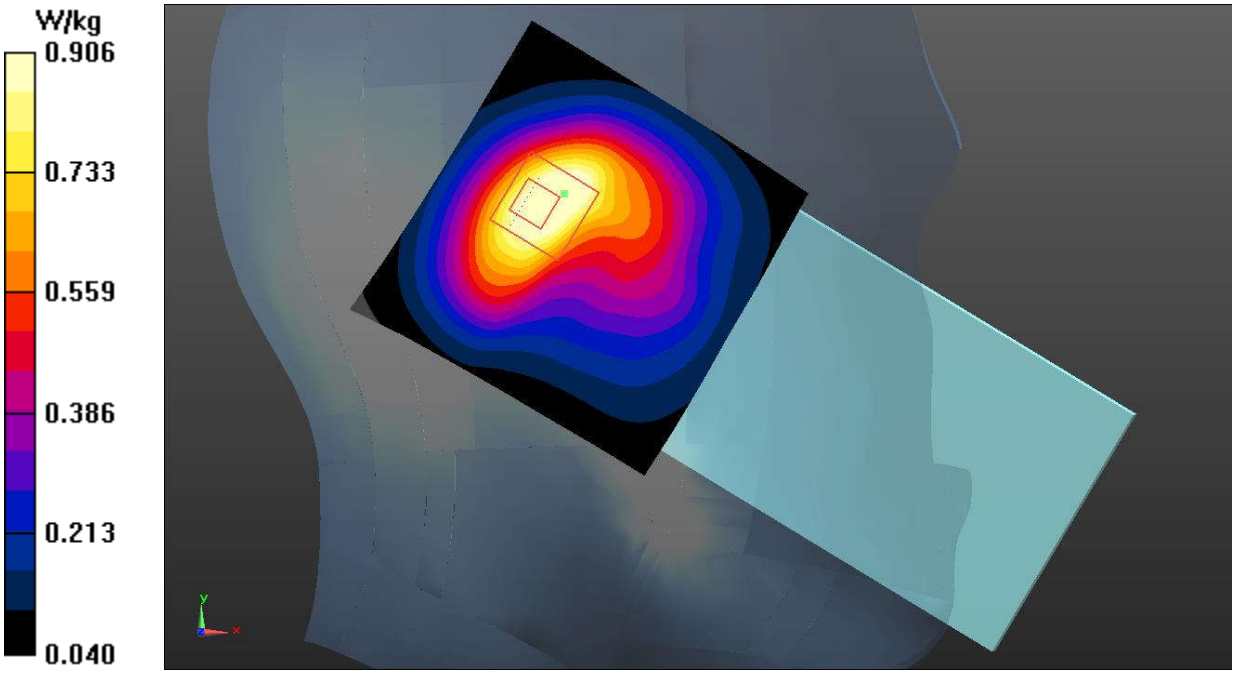


Fig.1 GSM850 Head

GSM850 Body
Date: 2022-9-5
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.923 S/m; ε_r = 40.945; ρ = 1000 kg/m^3
Communication System: UID 0, 4 slot GPRS (0) Frequency: 836.6 MHz Duty Cycle: 1:2
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Top Side Middle/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.692 W/kg

Top Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.72 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.970 W/kg
SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.738 W/kg

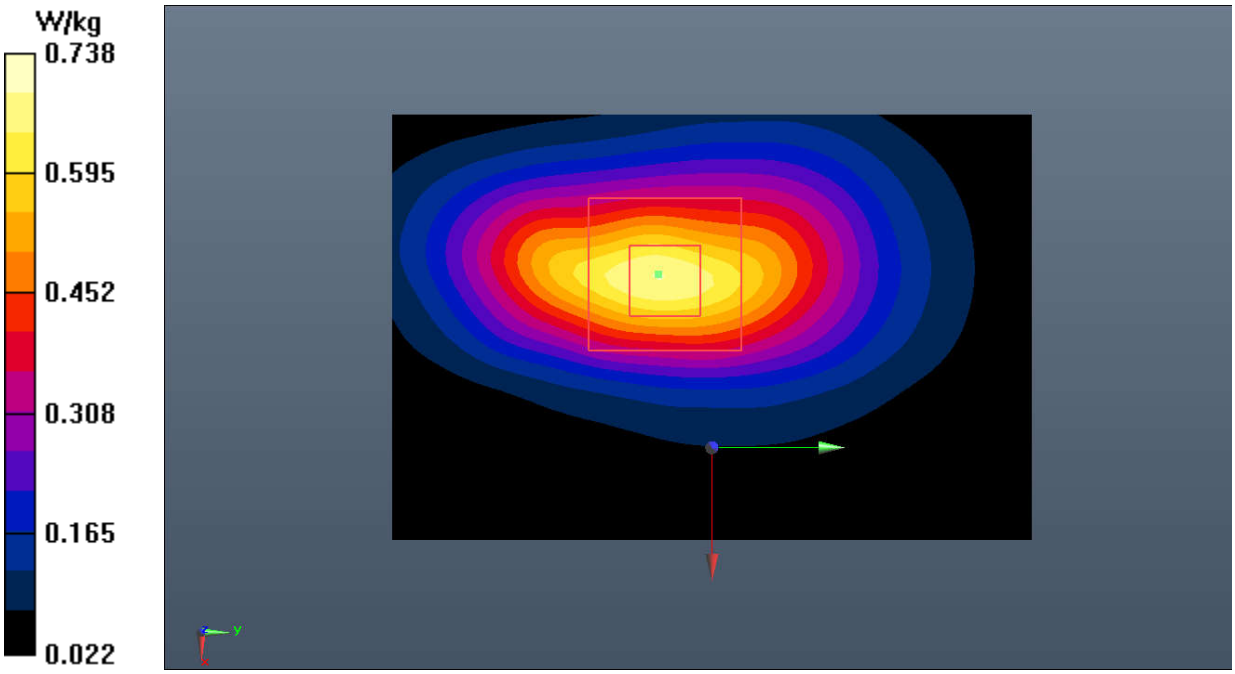


Fig.2 GSM850 Body

GSM1900 Head
Date: 2022-8-28
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.384 S/m; ε_r = 39.118; ρ = 1000 kg/m^3
Communication System: UID 0, GSM (0) Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Left Cheek Low/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Left Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.17 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 0.990 W/kg

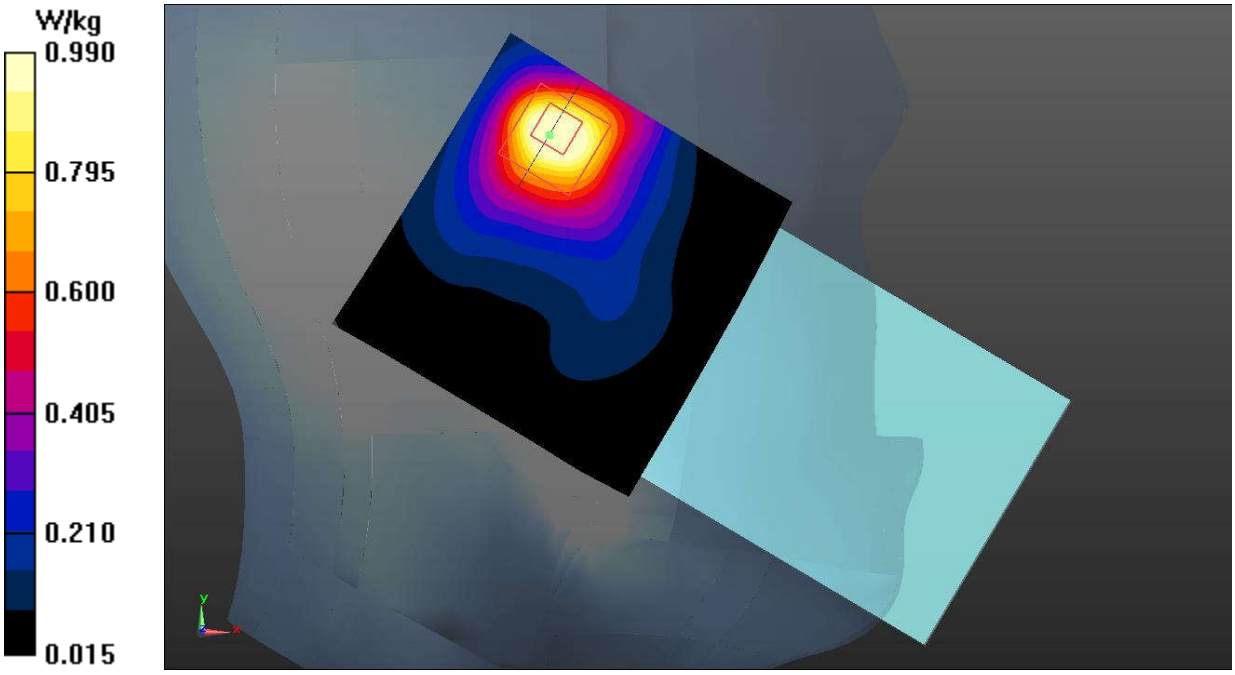


Fig.3 GSM1900 Head

GSM1900 Body
Date: 2022-8-28
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.41 S/m; ε_r = 39.002; ρ = 1000 kg/m^3
Communication System: UID 0, 4 slot GPRS (0) Frequency: 1880 MHz Duty Cycle: 1:2
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Rear Side Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.697 W/kg

Rear Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.22 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.947 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.668 W/kg

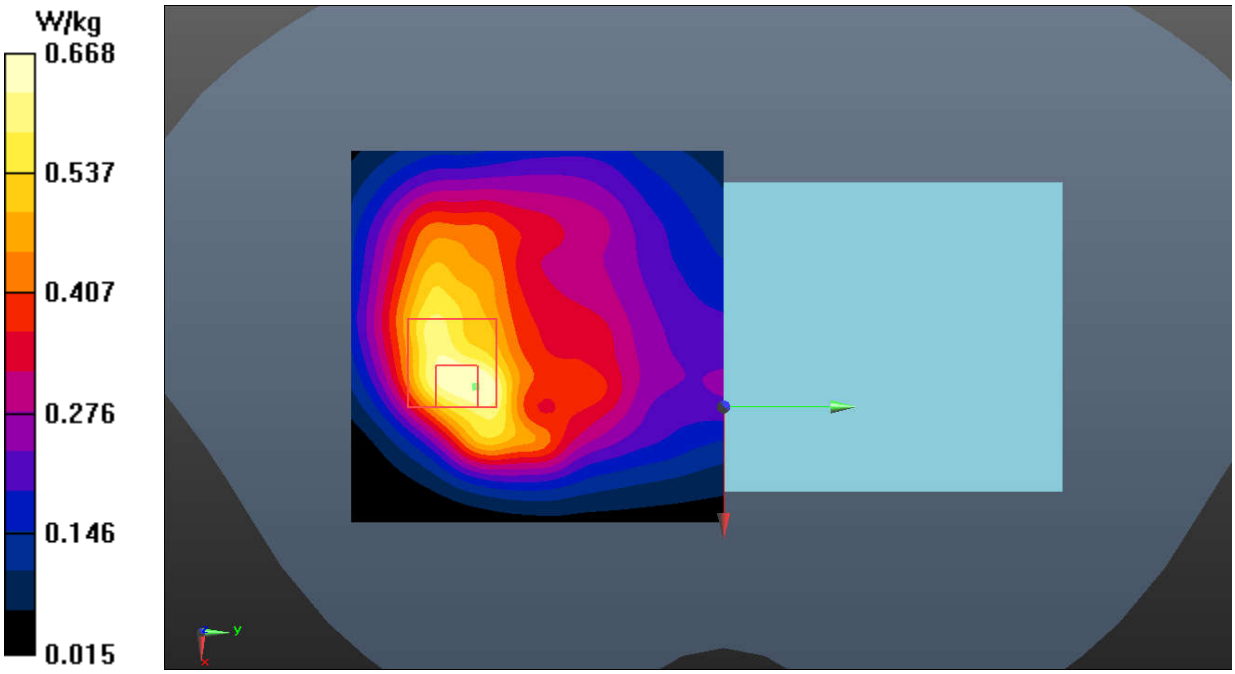


Fig.4 GSM1900 Body

WCDMA Band 2 Head
Date: 2022-8-28
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.41 S/m; ε_r = 39.002; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1880 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Left Cheek Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.717 W/kg

Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.926 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.962 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.585 W/kg

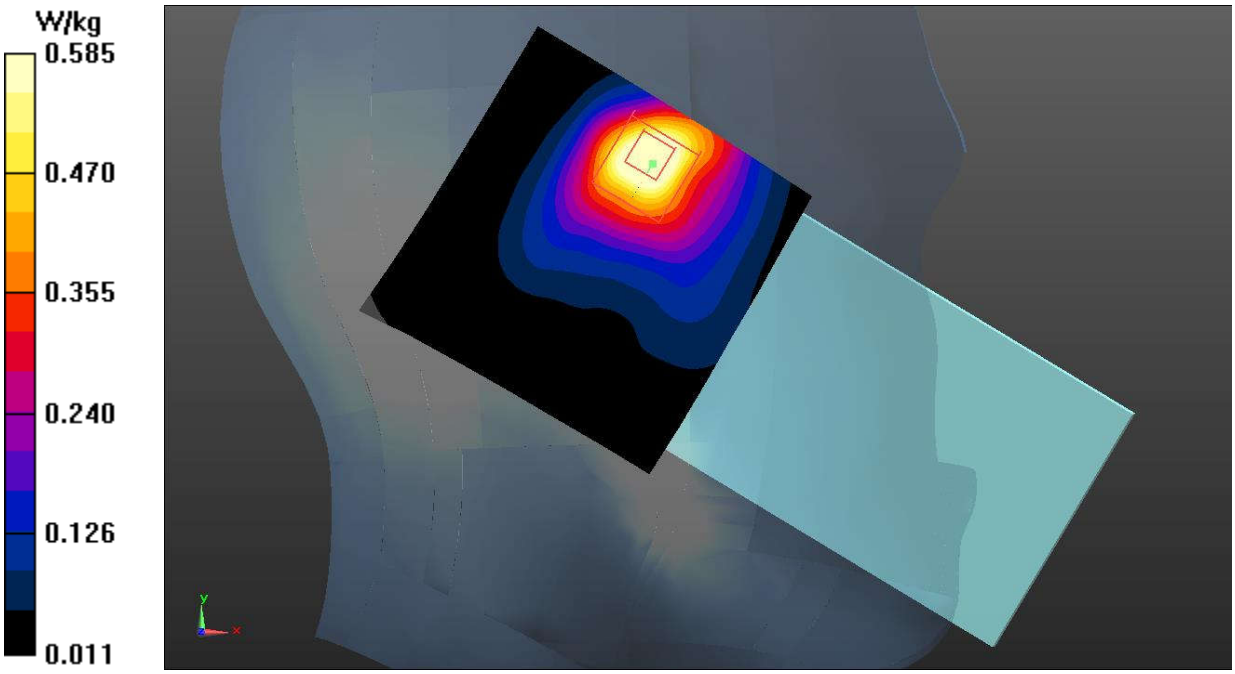


Fig.5 WCDMA Band 2 Head

WCDMA Band 2 Body
Date: 2022-8-28
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.41 S/m; ε_r = 39.002; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1880 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Rear Side Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

Rear Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.684 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.401 W/kg

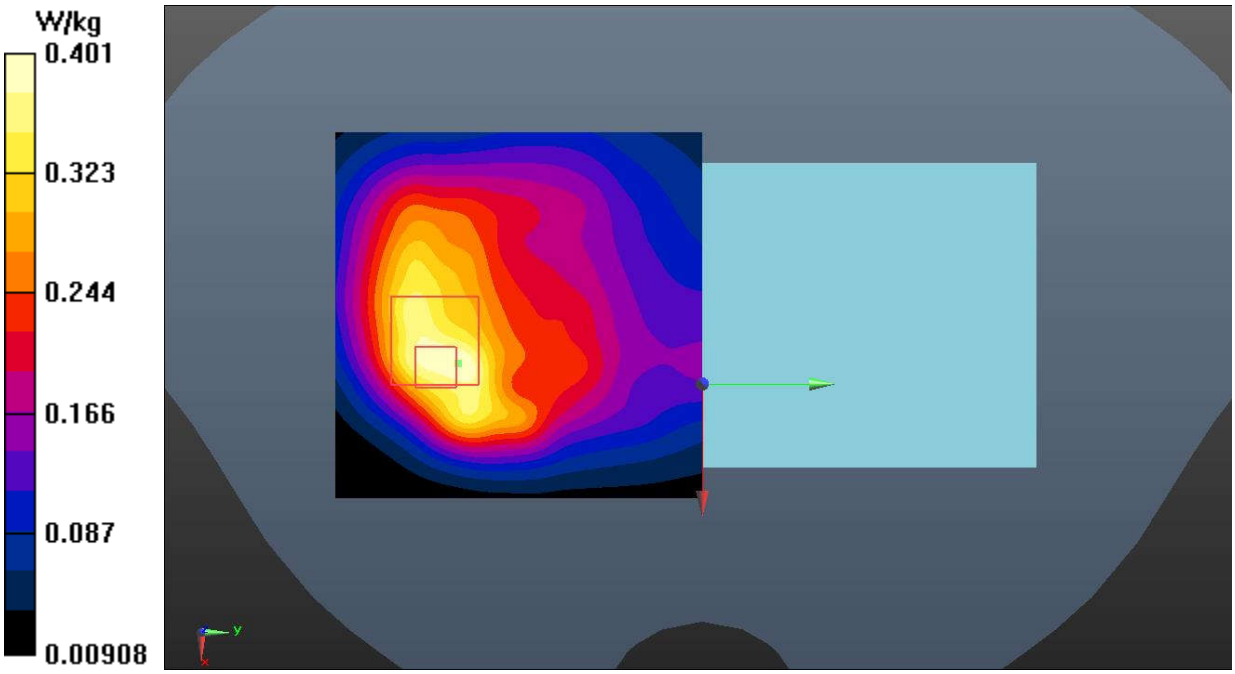


Fig.6 WCDMA Band 2 Body

WCDMA Band 4 Head
Date: 2022-9-18
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1753 MHz; σ = 1.389 S/m; ε_r = 39.226; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Left Cheek Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.03 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.427 W/kg
Maximum value of SAR (measured) = 0.880 W/kg

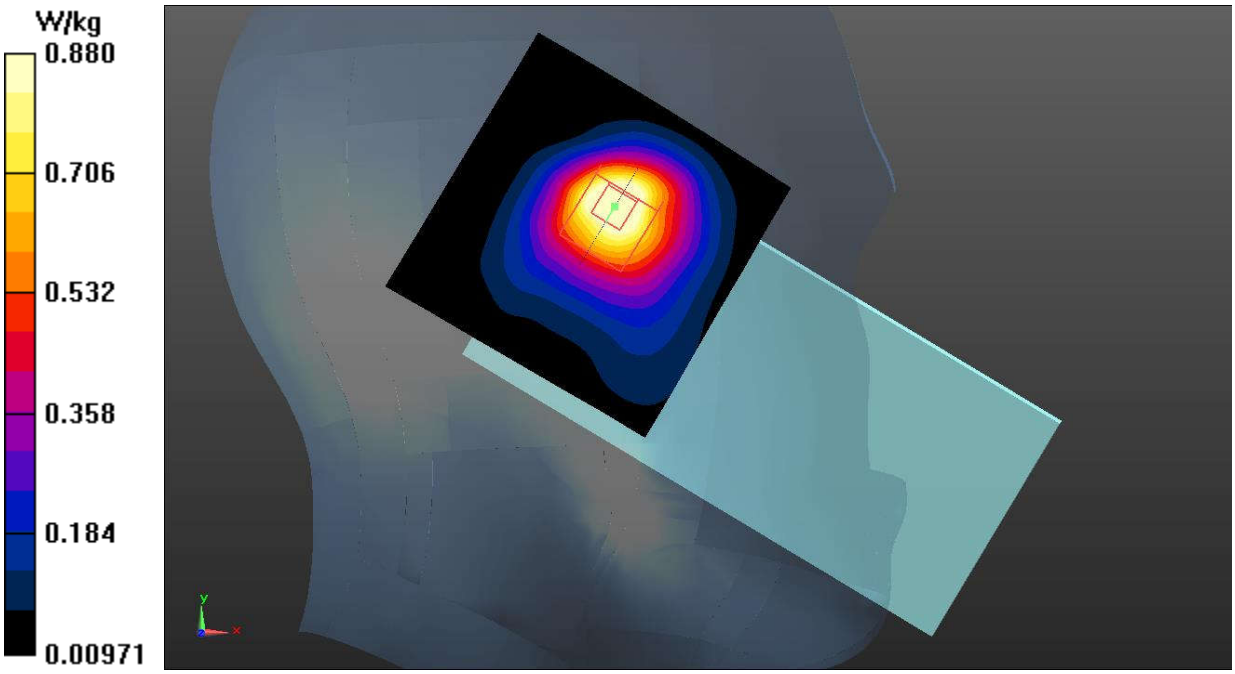


Fig.7 WCDMA Band 4 Head

WCDMA Band 4 Body
Date: 2022-9-18
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1733 MHz; σ = 1.371 S/m; ε_r = 39.304; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 1732.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Rear Side Middle/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.603 W/kg

Rear Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.22 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.258 W/kg
Maximum value of SAR (measured) = 0.572 W/kg

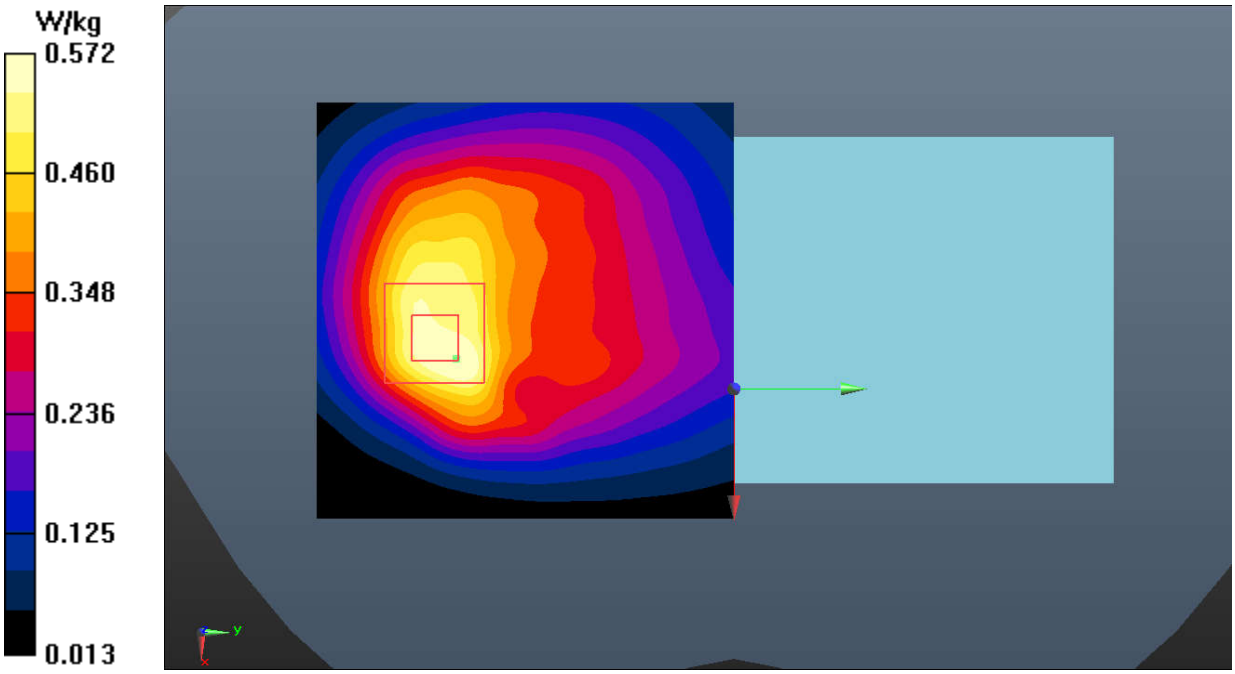


Fig.8 WCDMA Band 4 Body

WCDMA Band 5 Head
Date: 2022-9-5
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.914 S/m; ε_r = 41.072; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 826.4 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Low/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.64 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 0.953 W/kg

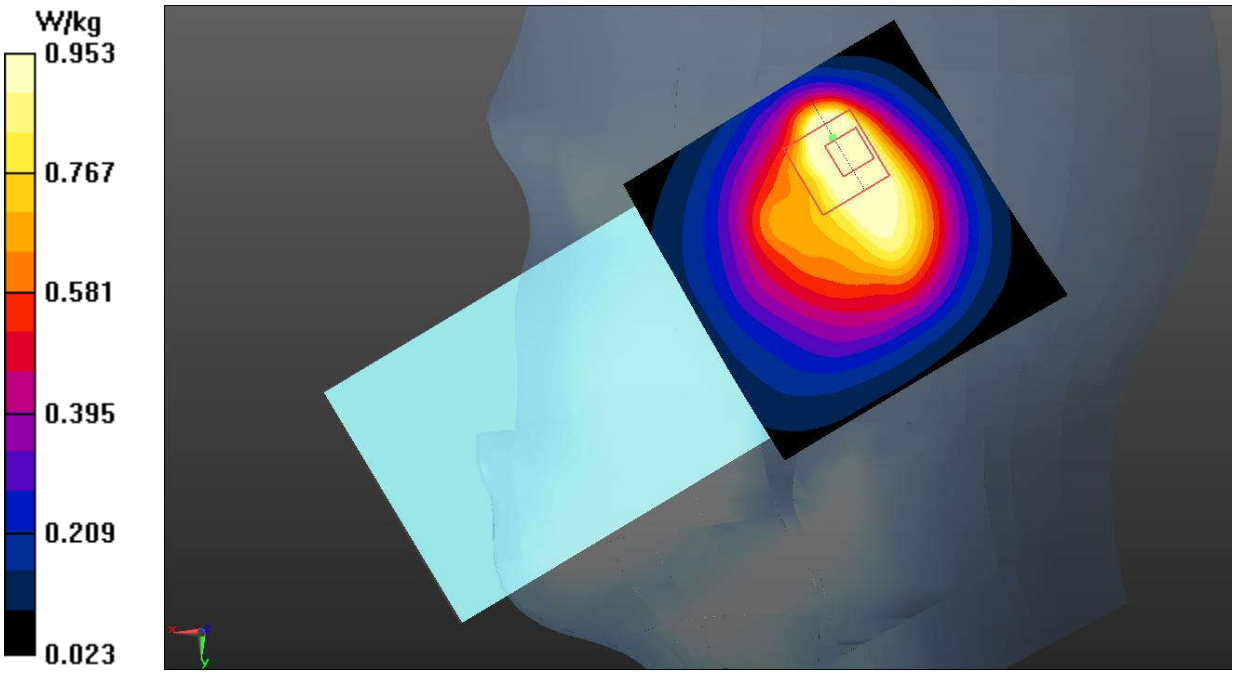


Fig.9 WCDMA Band 5 Head

WCDMA Band 5 Body
Date: 2022-9-5
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.923 S/m; ε_r = 40.945; ρ = 1000 kg/m^3
Communication System: UID 0, WCDMA (0) Frequency: 836.6 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Top Side Middle/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.559 W/kg

Top Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.20 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.570 W/kg

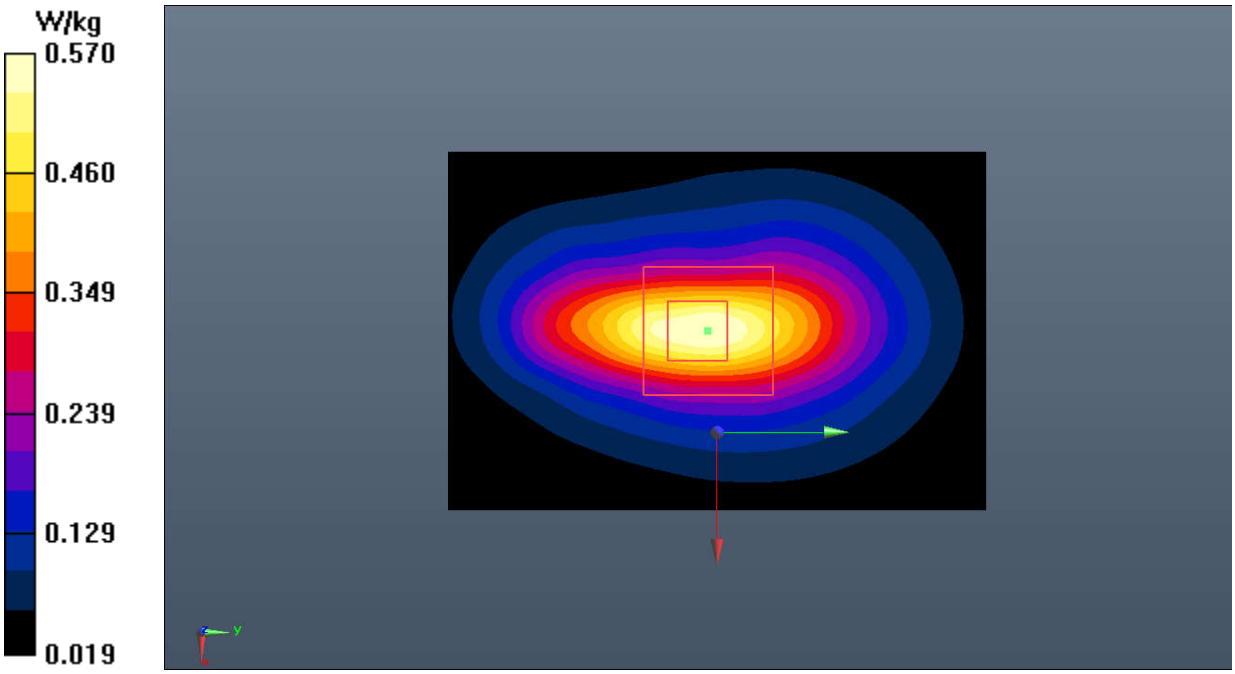


Fig.10 WCDMA Band 5 Body

LTE Band 7 Head
Date: 2022-9-20
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.928 S/m; ε_r = 38.432; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Right Cheek Middle 50RB50/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Right Cheek Middle 50RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.622 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 1.33 W/kg

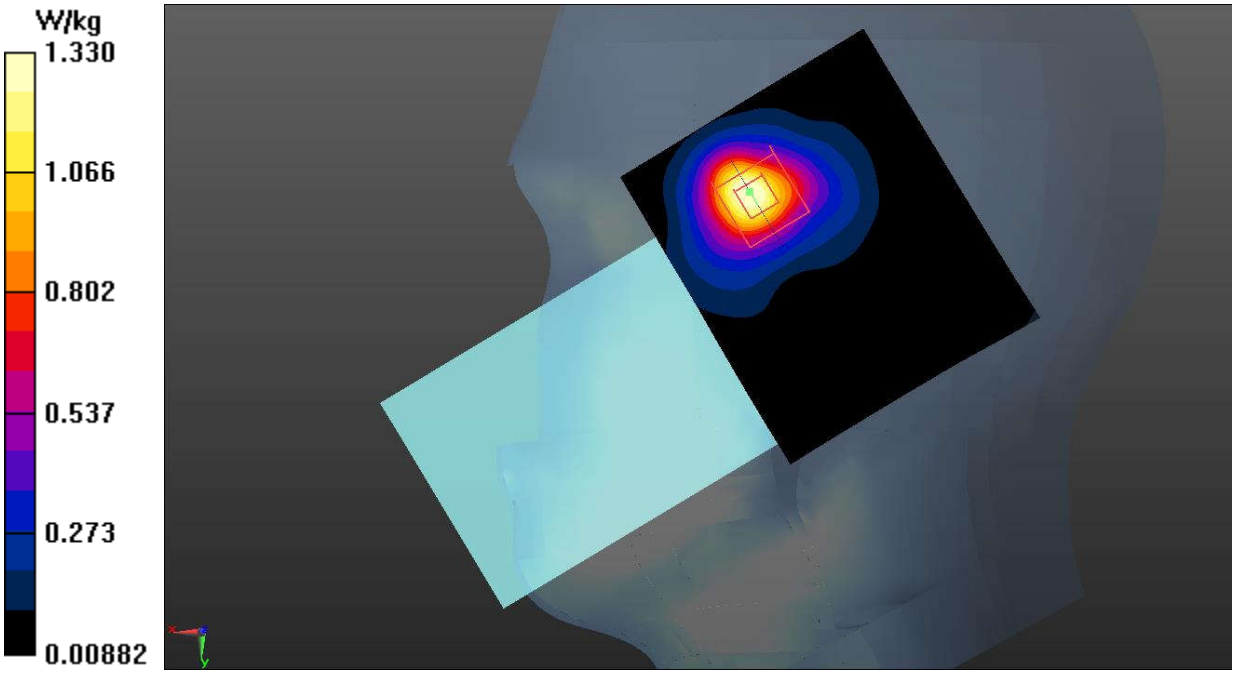


Fig.11 LTE Band 7 Head

LTE Band 7 Body
Date: 2022-9-20
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.928 S/m; ε_r = 38.432; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Middle 50RB50/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Rear Side Middle 50RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.916 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.407 W/kg
Maximum value of SAR (measured) = 0.916 W/kg

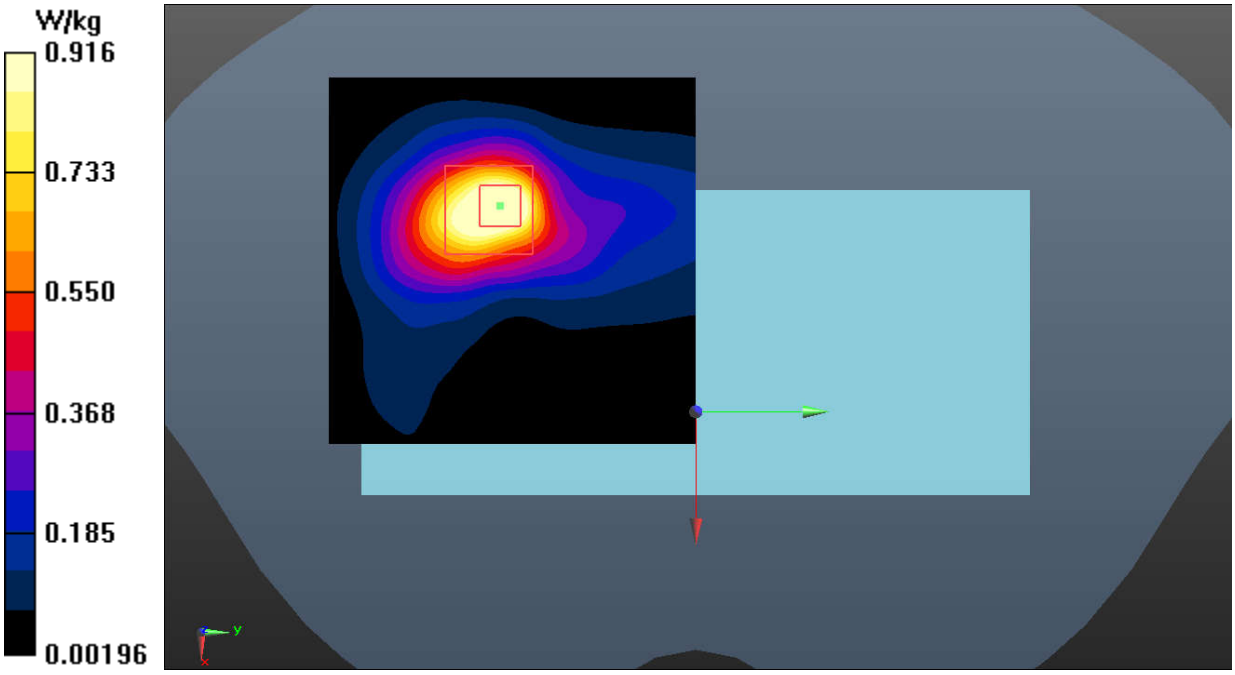


Fig.12 LTE Band 7 Body

LTE Band 12 Head
Date: 2022-9-2
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.856 S/m; ε_r = 43.035; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 711 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek High 1RB49/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.996 W/kg

Right Cheek High 1RB49/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.00 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 0.711 W/kg

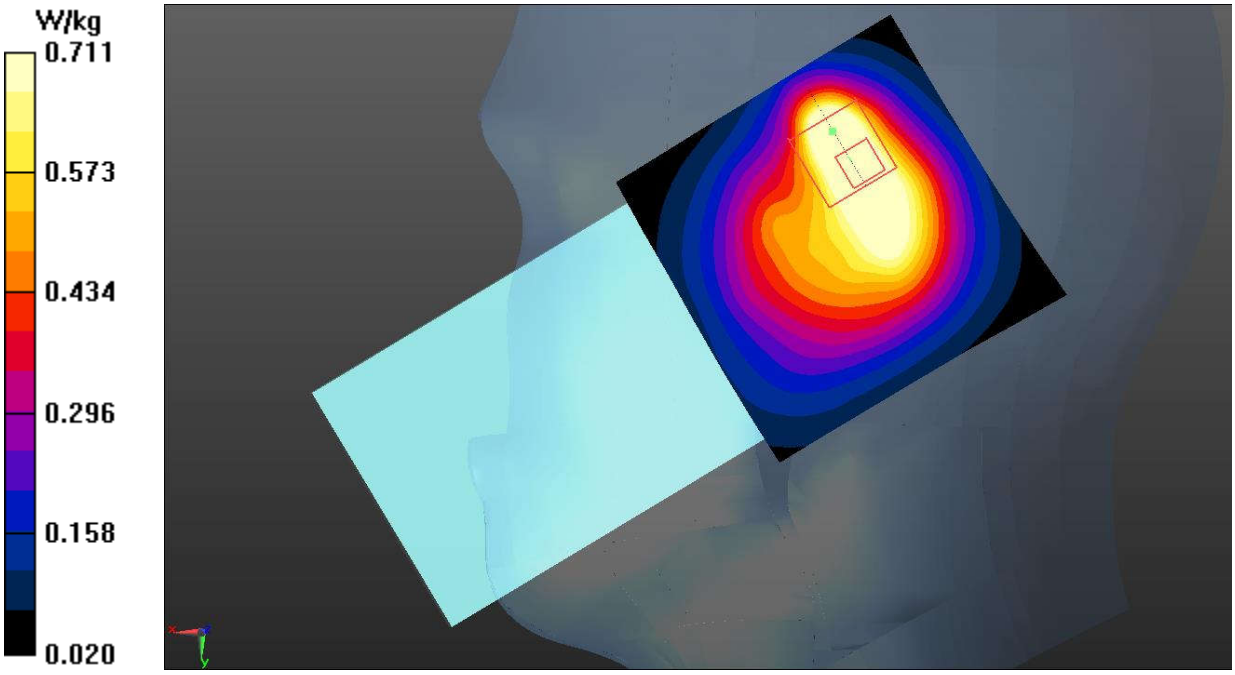


Fig.13 LTE Band 12 Head

LTE Band 12 Body
Date: 2022-9-2
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.856 S/m; ε_r = 43.035; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 711 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Left Side High 1RB49/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.450 W/kg

Left Side High 1RB49/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.47 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.438 W/kg

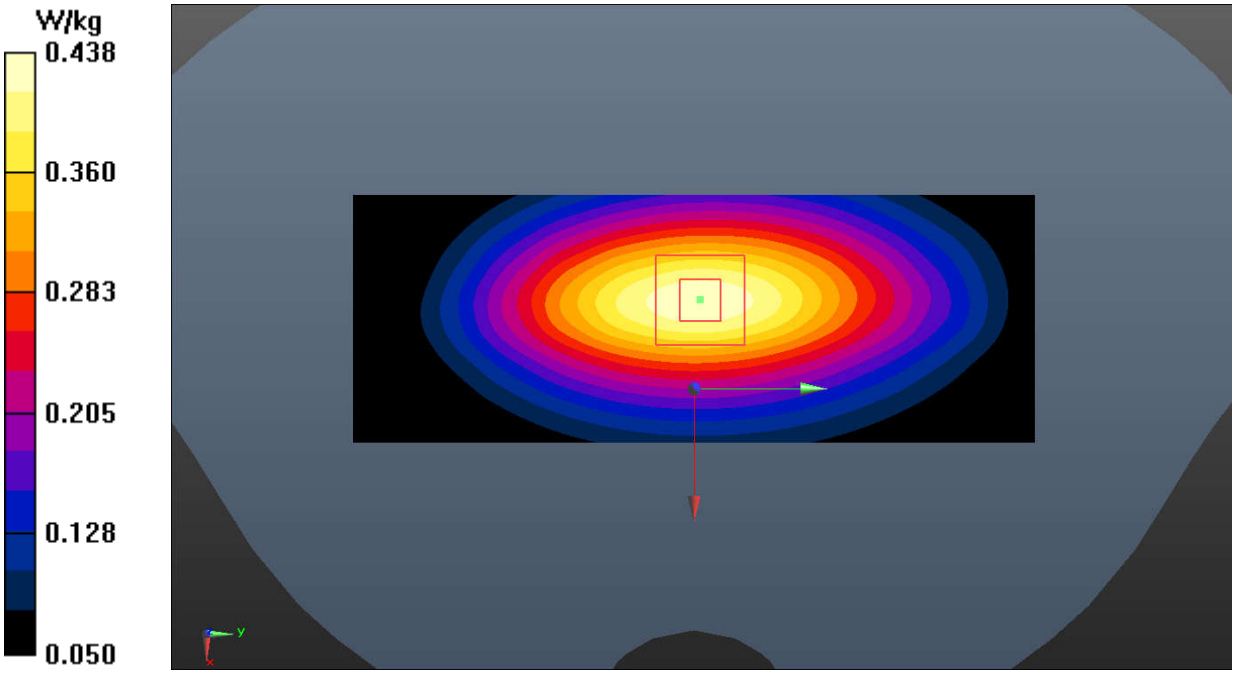


Fig.14 LTE Band 12 Body

LTE Band 13 Head
Date: 2022-9-2
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used: f = 782 MHz; σ = 0.901 S/m; ε_r = 42.183; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 782 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Left Cheek Middle 1RB24/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.872 W/kg

Left Cheek Middle 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.80 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.772 W/kg

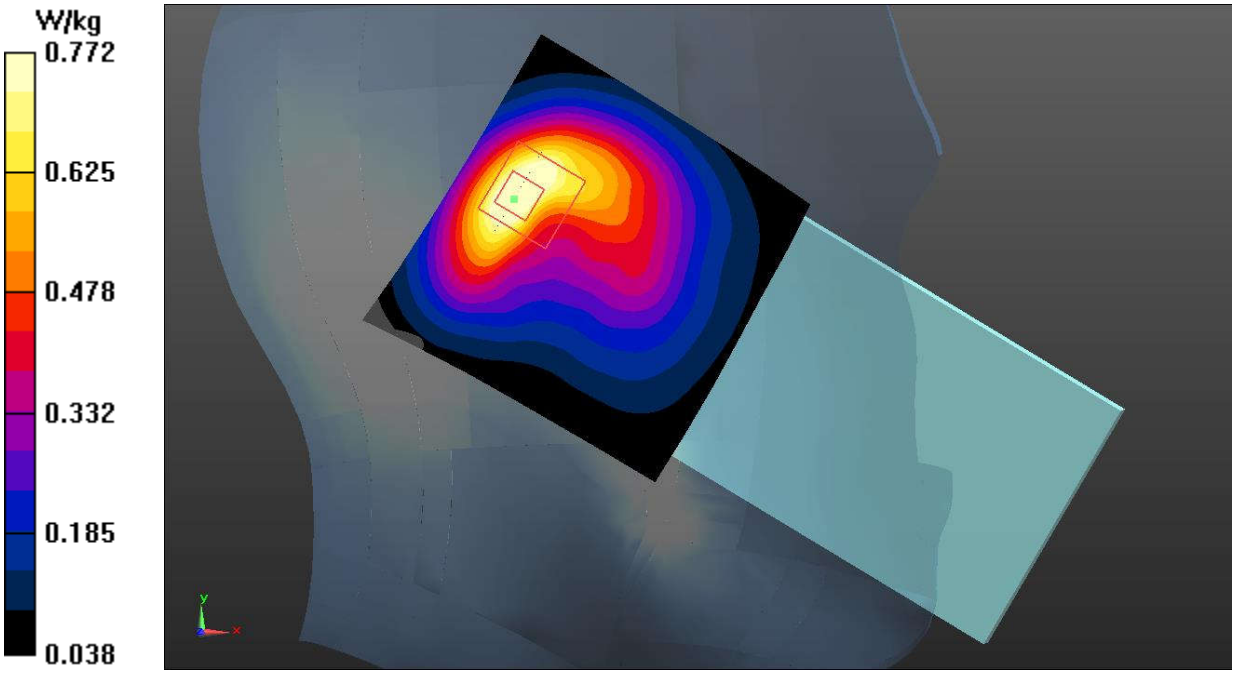


Fig.15 LTE Band 13 Head

LTE Band 13 Body
Date: 2022-9-2
Electronics: DAE4 Sn1527
Medium: Head 750MHz
Medium parameters used: f = 782 MHz; σ = 0.901 S/m; ε_r = 42.183; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 782 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Top Side Middle 1RB24/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.369 W/kg

Top Side Middle 1RB24/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.38 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.389 W/kg

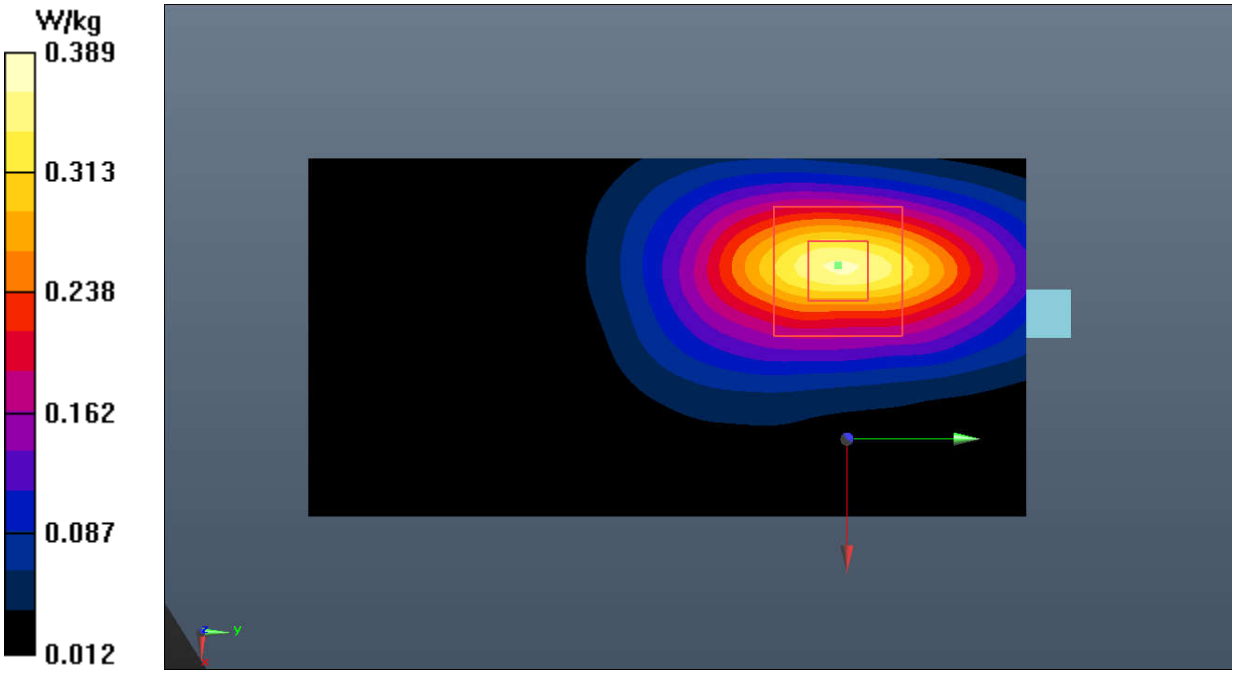


Fig.16 LTE Band 13 Body

LTE Band 25 Head
Date: 2022-8-28
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1905 MHz; σ = 1.432 S/m; ε_r = 38.905; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1905 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Left Cheek High 1RB50/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.843 W/kg

Left Cheek High 1RB50/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.32 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.791 W/kg

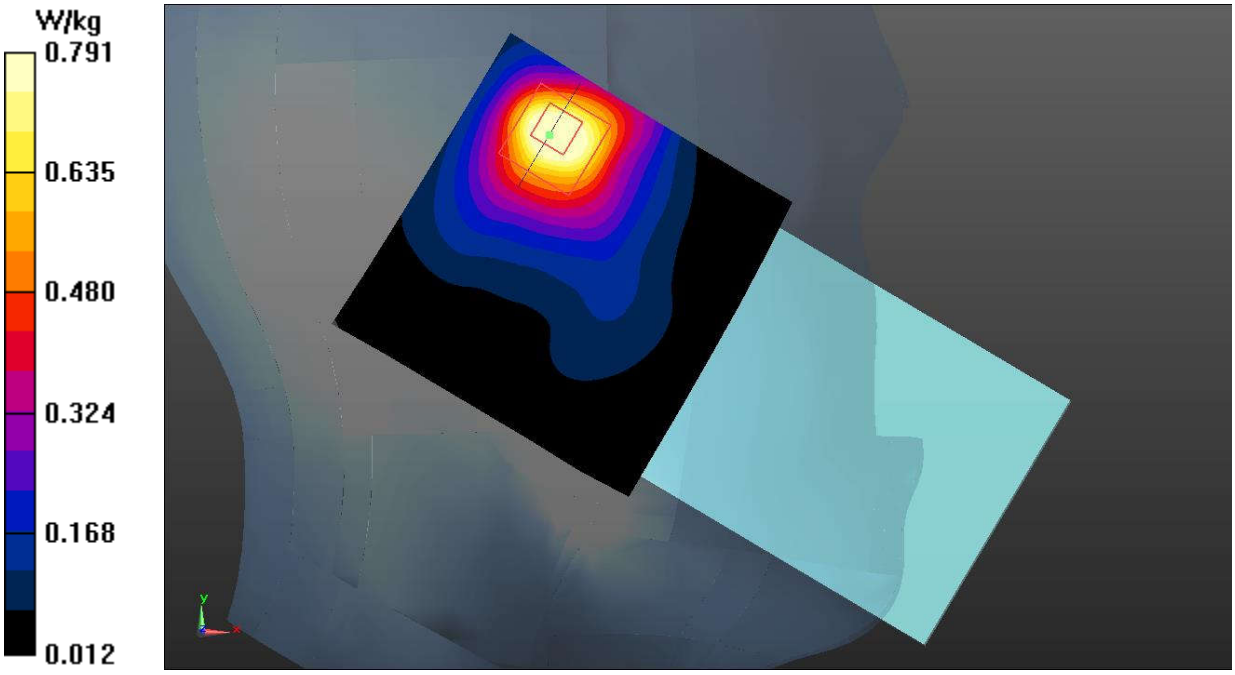


Fig.17 LTE Band 25 Head

LTE Band 25 Body
Date: 2022-8-28
Electronics: DAE4 Sn1527
Medium: Head 1900MHz
Medium parameters used: f = 1905 MHz; σ = 1.432 S/m; ε_r = 38.905; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1905 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.90, 8.90, 8.90)

Rear Side High 50RB50/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.409 W/kg

Rear Side High 50RB50/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.239 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.387 W/kg

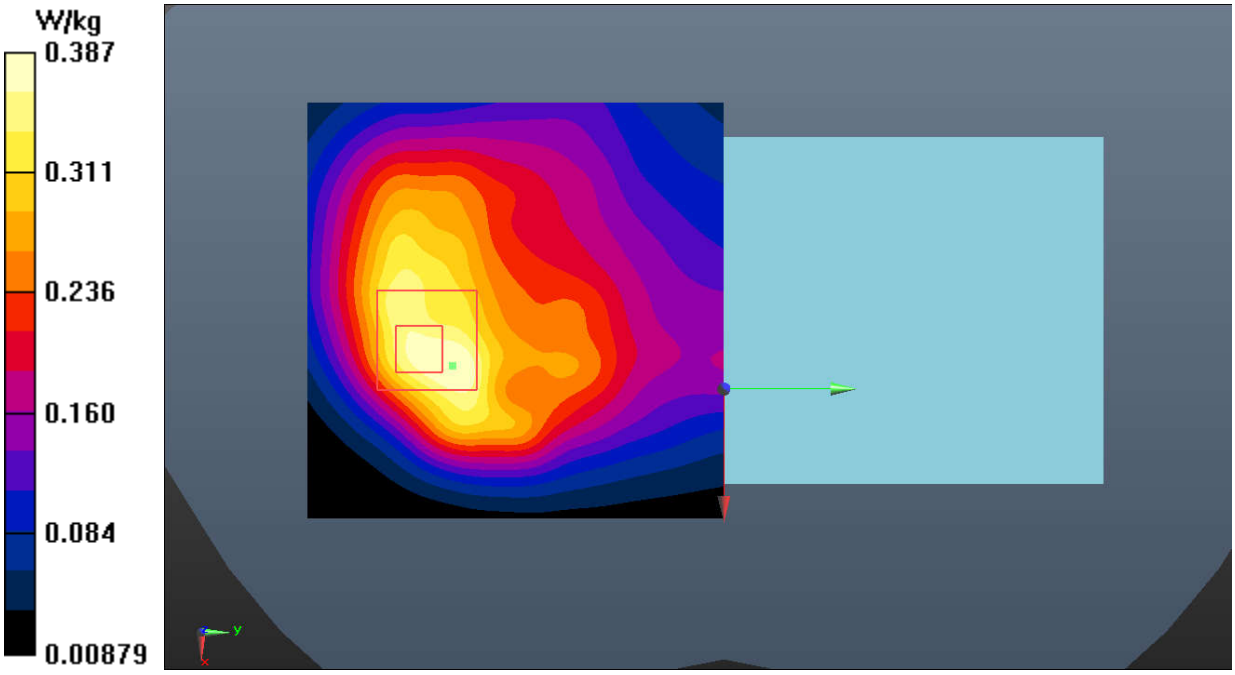


Fig.18 LTE Band 25 Body

LTE Band 26 Head
Date: 2022-9-5
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.91 S/m; ε_r = 41.126; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 821.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Right Cheek Low 36RB0/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Right Cheek Low 36RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.52 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.402 W/kg
Maximum value of SAR (measured) = 0.769 W/kg

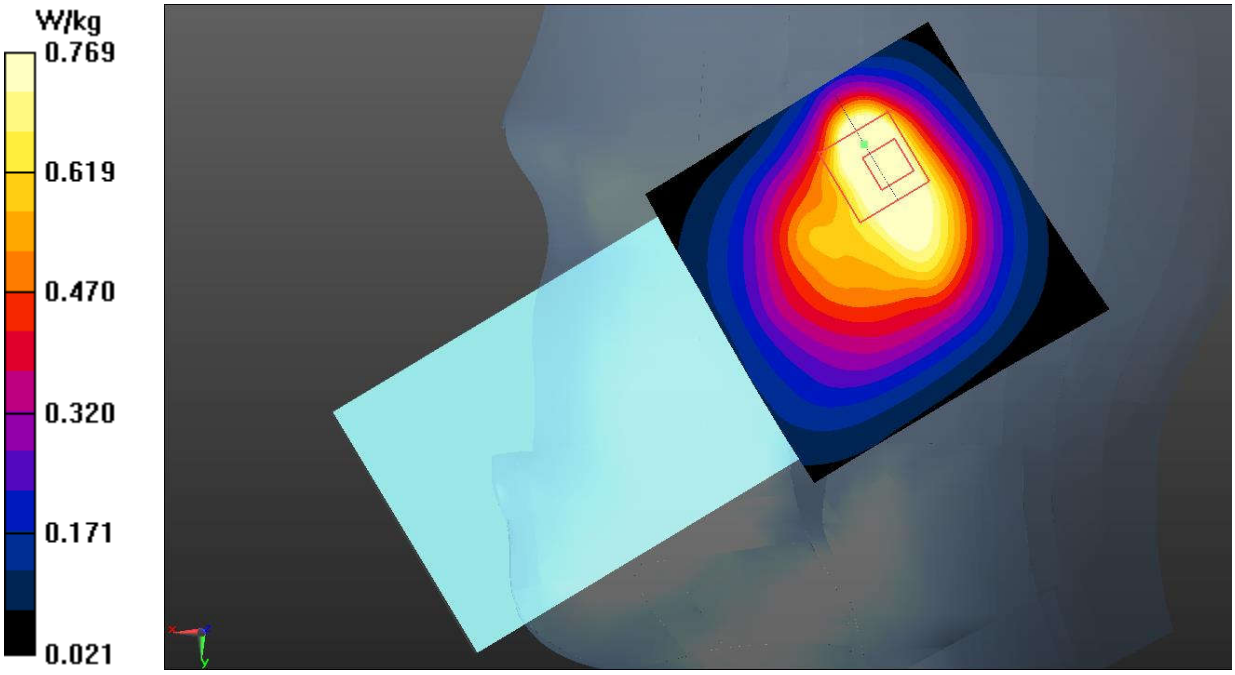


Fig.19 LTE Band 26 Head

LTE Band 26 Body
Date: 2022-9-5
Electronics: DAE4 Sn1527
Medium: Head 835MHz
Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.91 S/m; ε_r = 41.126; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 821.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (11.12, 11.12, 11.12)

Top Side Low 1RB0/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.377 W/kg

Top Side Low 1RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.87 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.389 W/kg

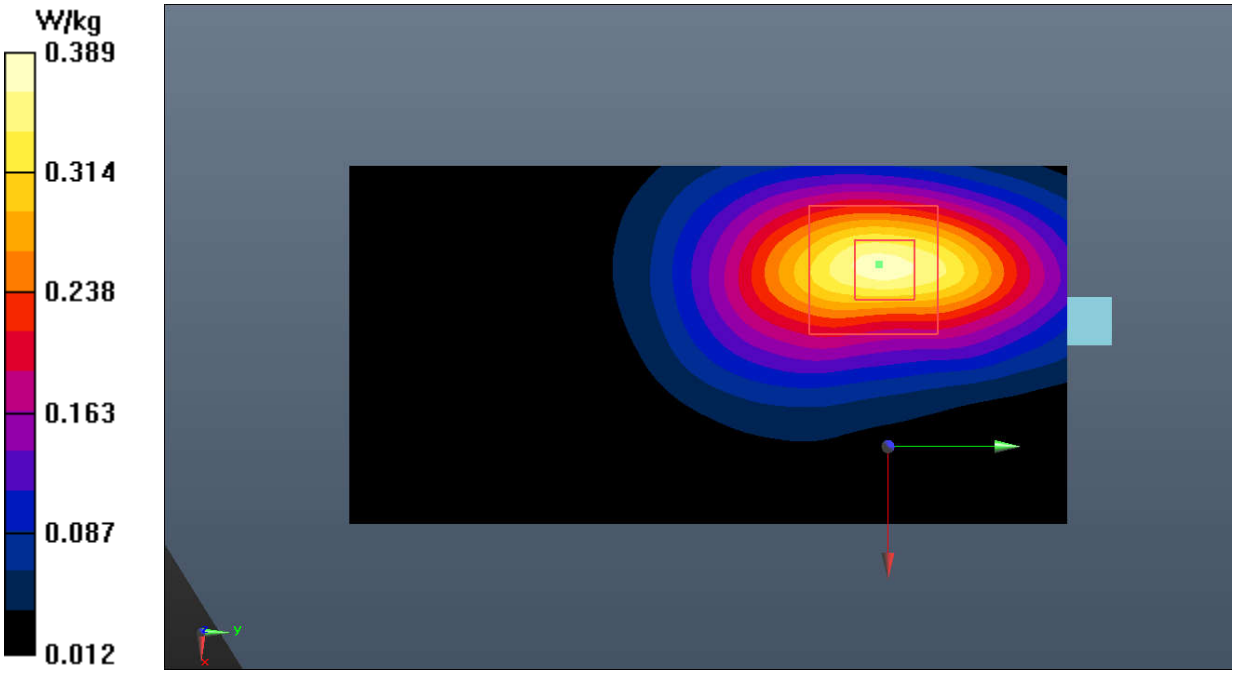


Fig.20 LTE Band 26 Body

LTE Band 41 Head
Date: 2022-9-20
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2506 MHz; σ = 1.894 S/m; ε_r = 38.528; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 2506 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Right Cheek Low 1RB50/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Right Cheek Low 1RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.768 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 0.971 W/kg

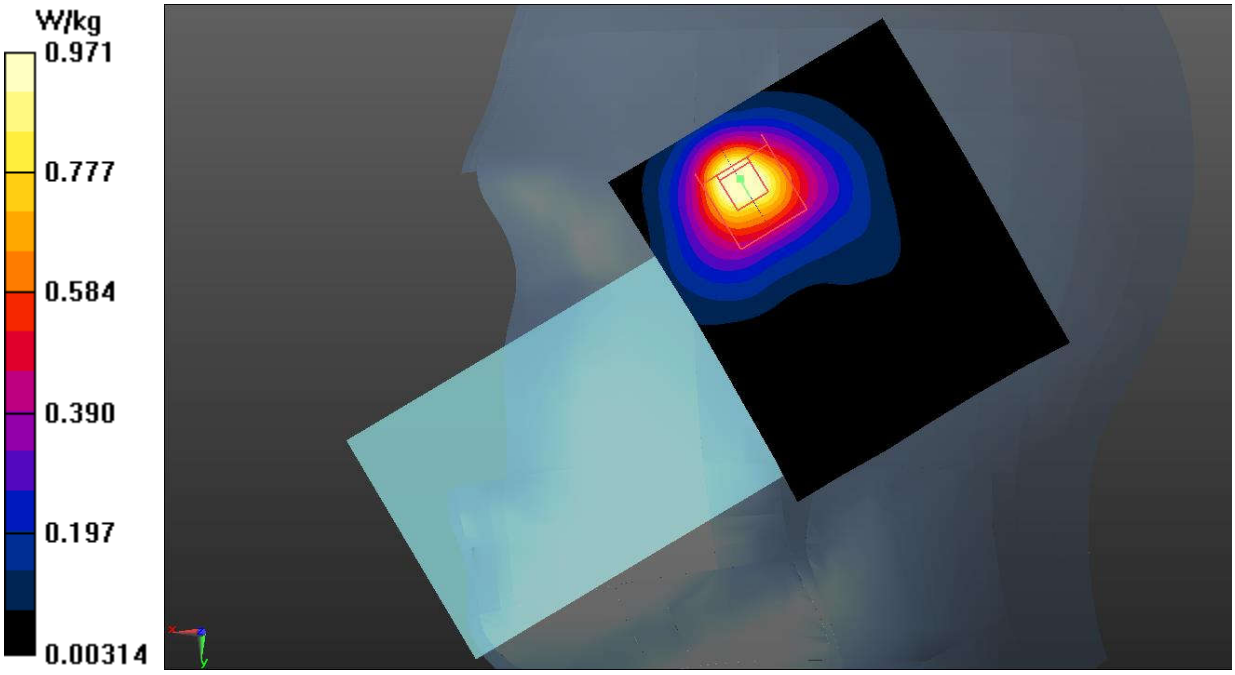


Fig.21 LTE Band 41 Head

LTE Band 41 Body
Date: 2022-9-20
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used: f = 2506 MHz; σ = 1.894 S/m; ε_r = 38.528; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 2506 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Low 50RB25/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Rear Side Low 50RB25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.517 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.379 W/kg
Maximum value of SAR (measured) = 0.851 W/kg

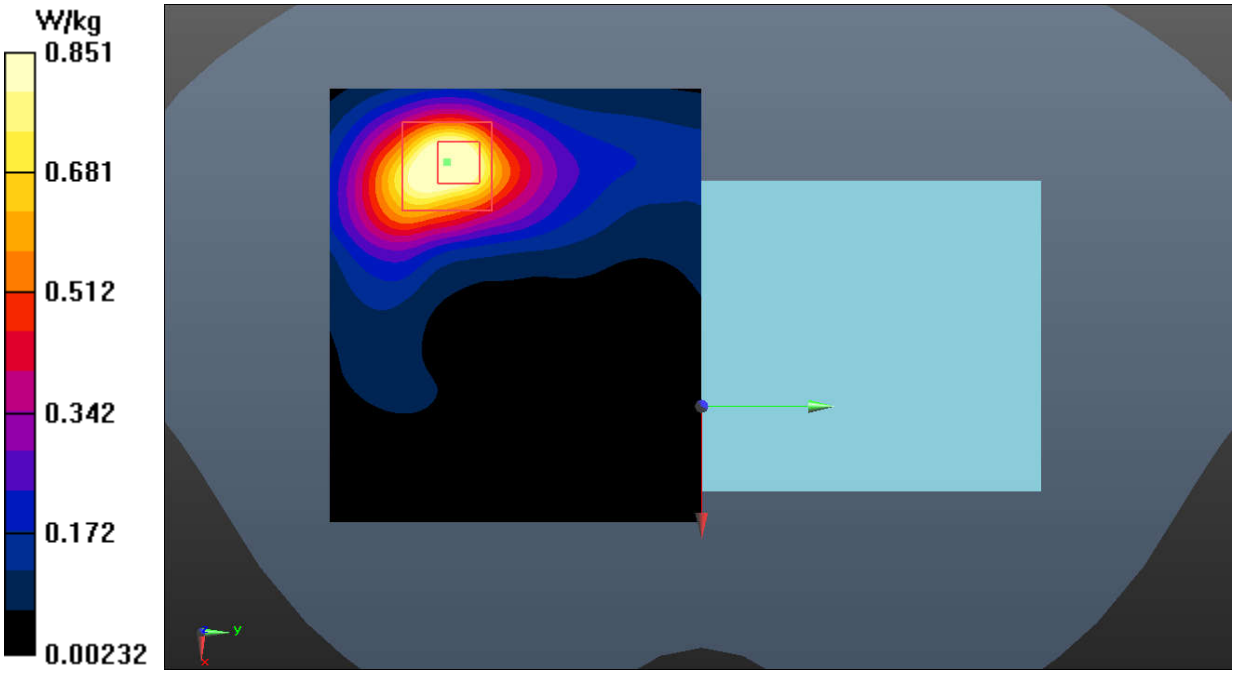


Fig.22 LTE Band 41 Body

LTE Band 42 Head
Date: 2022-8-30
Electronics: DAE4 Sn1527
Medium: Head 3500MHz
Medium parameters used: f = 3500 MHz; σ = 2.863 S/m; ε_r = 38.485; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 3500 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (7.56, 7.56, 7.56)

Rear Side Middle 1RB50/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Rear Side Middle 1RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.959 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 1.18 W/kg

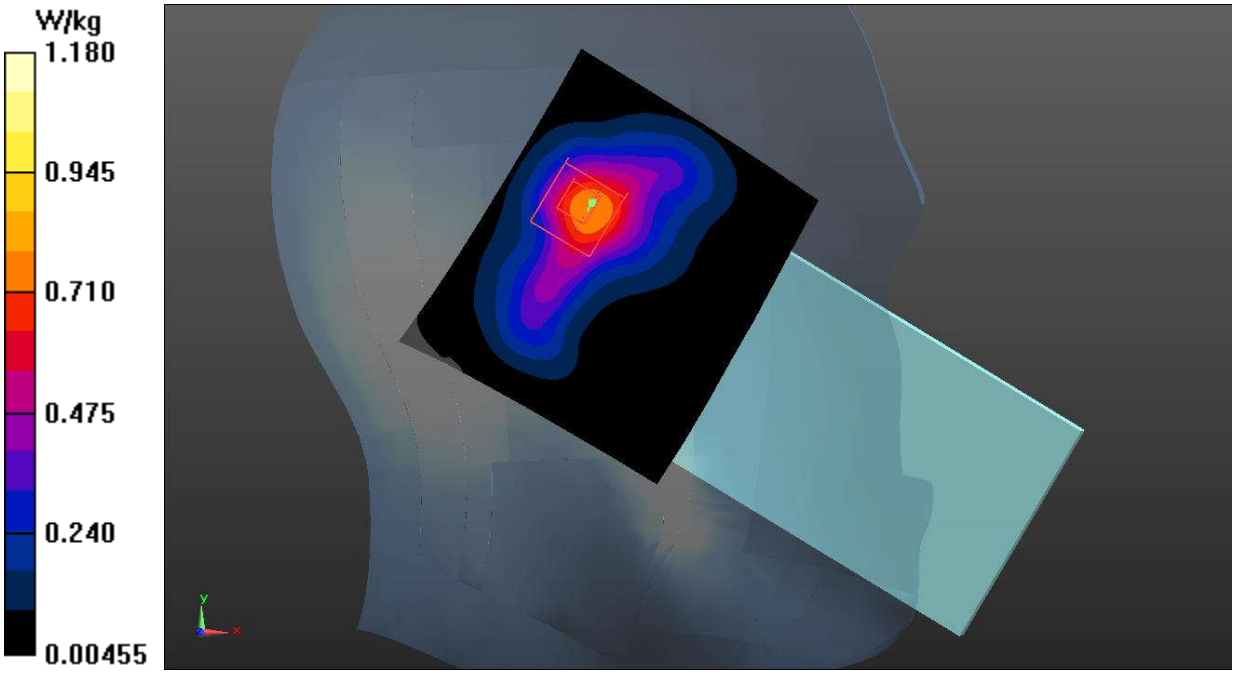


Fig.23 LTE Band 42 Head

LTE Band 42 Body
Date: 2022-8-30
Electronics: DAE4 Sn1527
Medium: Head 3500MHz
Medium parameters used: f = 3500 MHz; σ = 2.863 S/m; ε_r = 38.485; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 3500 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (7.56, 7.56, 7.56)

Rear Side Middle 1RB50/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.697 W/kg

Rear Side Middle 1RB50/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.450 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.689 W/kg

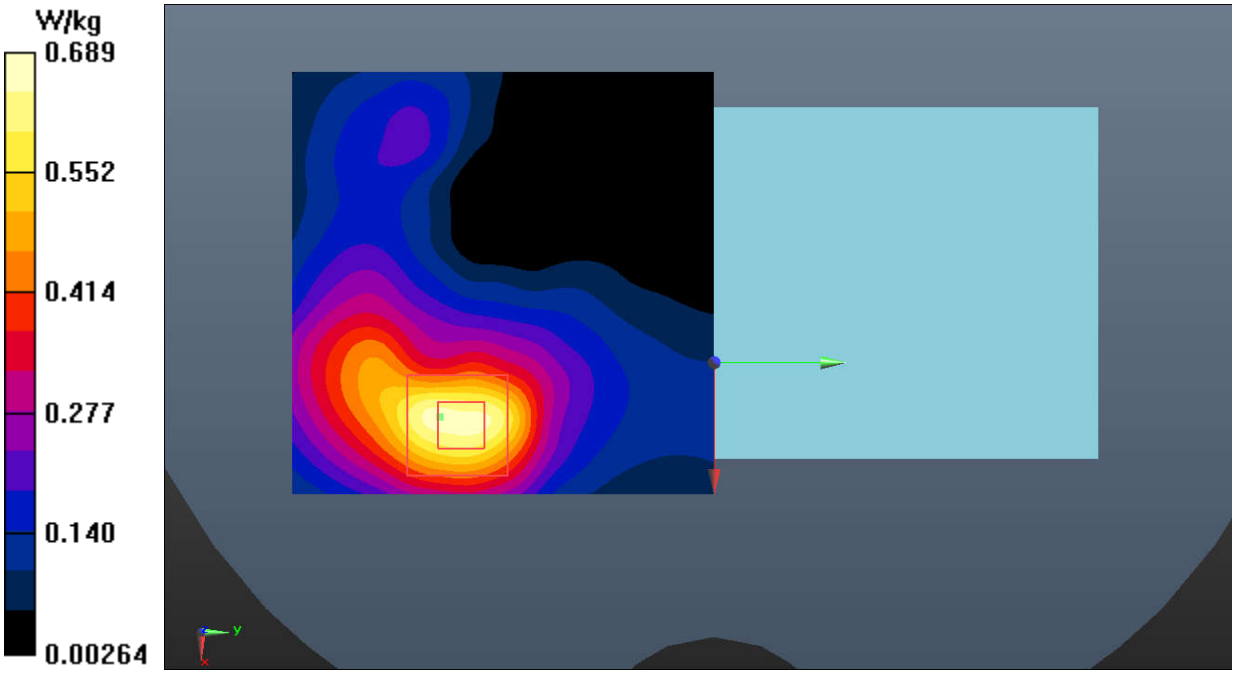


Fig.24 LTE Band 42 Body

LTE Band 48 Head
Date: 2022-8-30
Electronics: DAE4 Sn1527
Medium: Head 3500MHz
Medium parameters used: f = 3560 MHz; σ = 2.934 S/m; ε_r = 38.287; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 3560 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (7.56, 7.56, 7.56)

Left Tilt Low 50RB0/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Left Tilt Low 50RB0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.216 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.838 W/kg

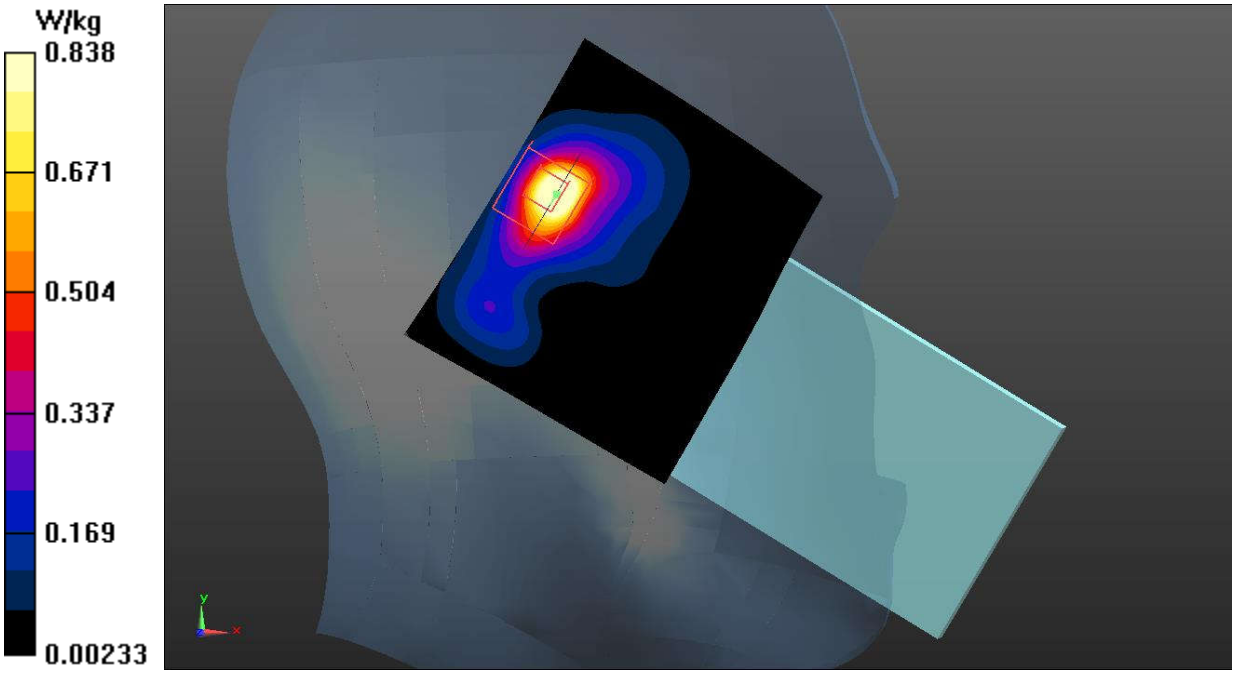


Fig.25 LTE Band 48 Head

LTE Band 48 Body
Date: 2022-8-30
Electronics: DAE4 Sn1527
Medium: Head 3500MHz
Medium parameters used: f = 3560 MHz; σ = 2.934 S/m; ε_r = 38.287; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_TDD (0) Frequency: 3560 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 - SN7621 ConvF (7.56, 7.56, 7.56)

Rear Side Low 50RB0/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.704 W/kg

Rear Side Low 50RB0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.764 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.776 W/kg

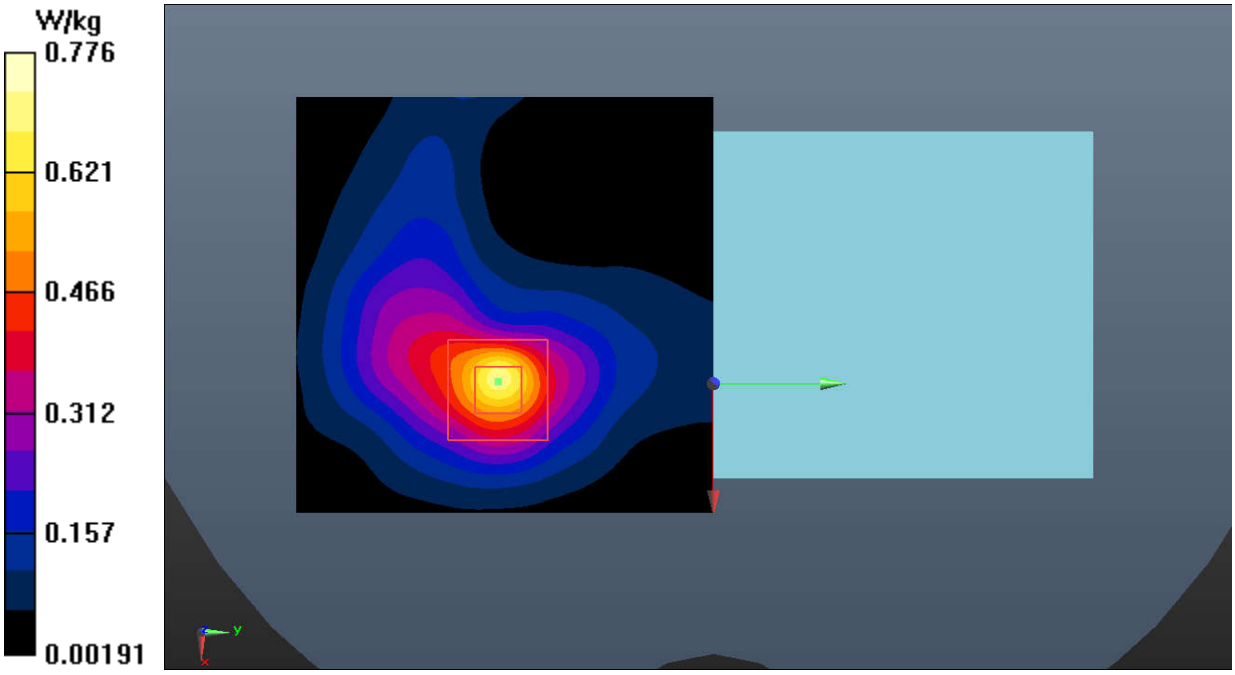


Fig.26 LTE Band 48 Body

LTE Band 66 Head
Date: 2022-9-18
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.382 S/m; ε_r = 39.258; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Left Cheek Middle 50RB0/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Left Cheek Middle 50RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.32 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.400 W/kg
Maximum value of SAR (measured) = 0.805 W/kg

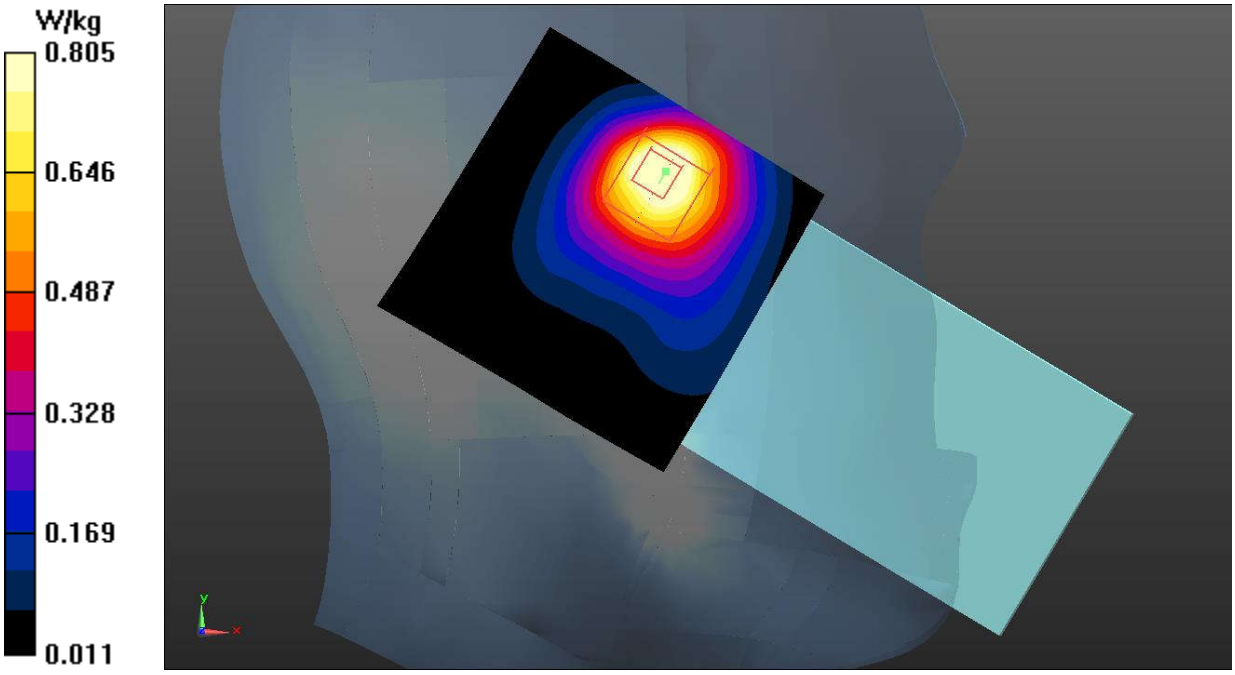


Fig.27 LTE Band 66 Head

LTE Band 66 Body
Date: 2022-9-18
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.382 S/m; ε_r = 39.258; ρ = 1000 kg/m^3
Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Rear Side Middle 50RB0/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.797 W/kg

Rear Side Middle 50RB0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.07 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.346 W/kg
Maximum value of SAR (measured) = 0.805 W/kg

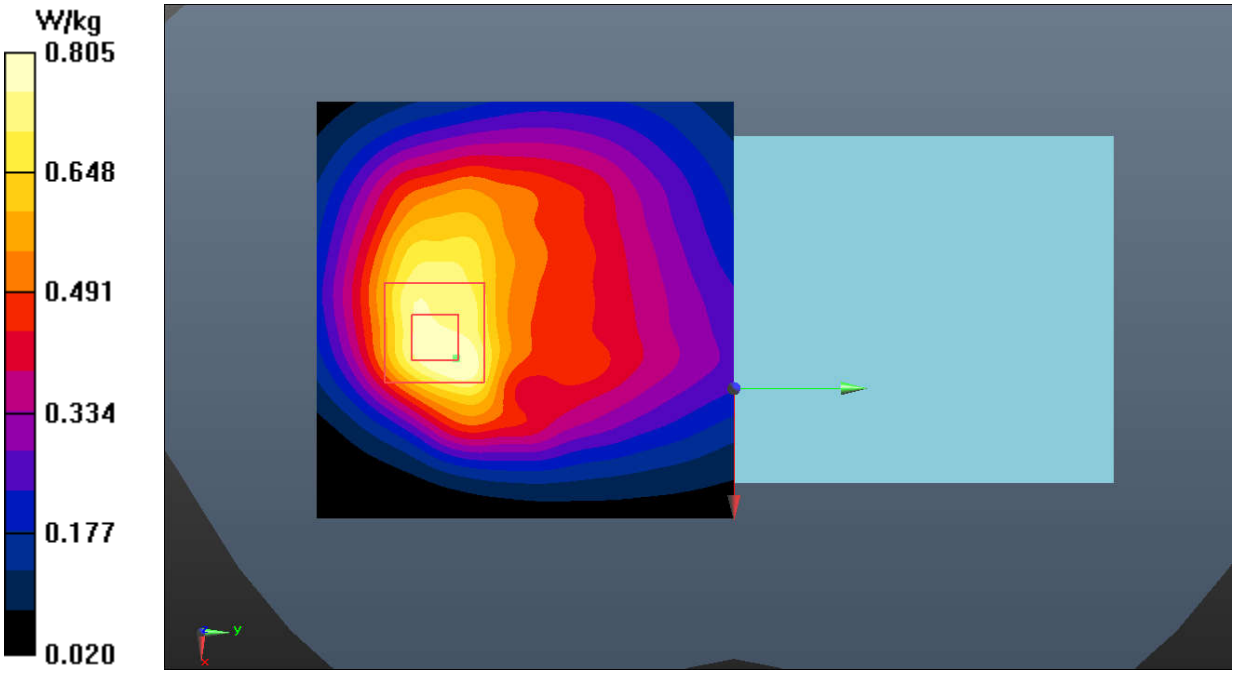


Fig.28 LTE Band 66 Body

NR n7 Head
Date: 2022-9-20
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.928 S/m; ε_r = 38.432; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Right Cheek Middle 50@25/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

Right Cheek Middle 50@25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.867 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.558 W/kg

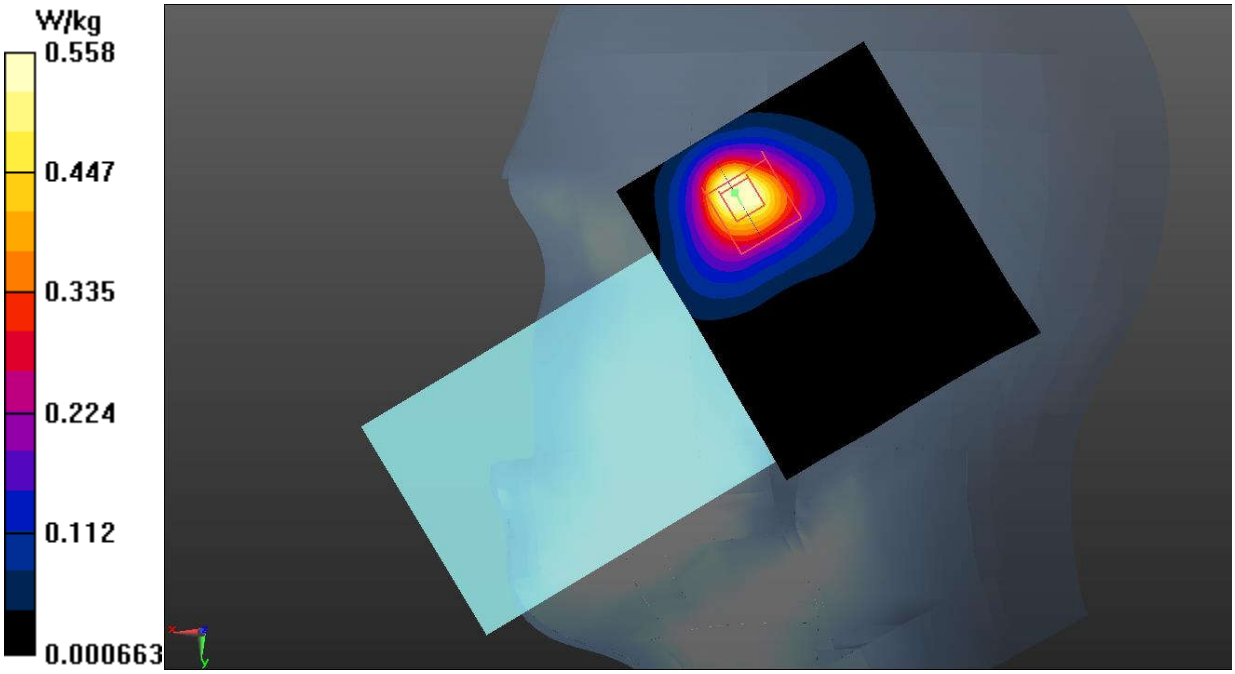


Fig.29 NR n7 Head

NR n7 Body
Date: 2022-9-20
Electronics: DAE4 Sn1527
Medium: Head 2550MHz
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.928 S/m; ε_r = 38.432; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 2535 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Middle 50@25/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.726 W/kg

Rear Side Middle 50@25/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.233 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.548 W/kg

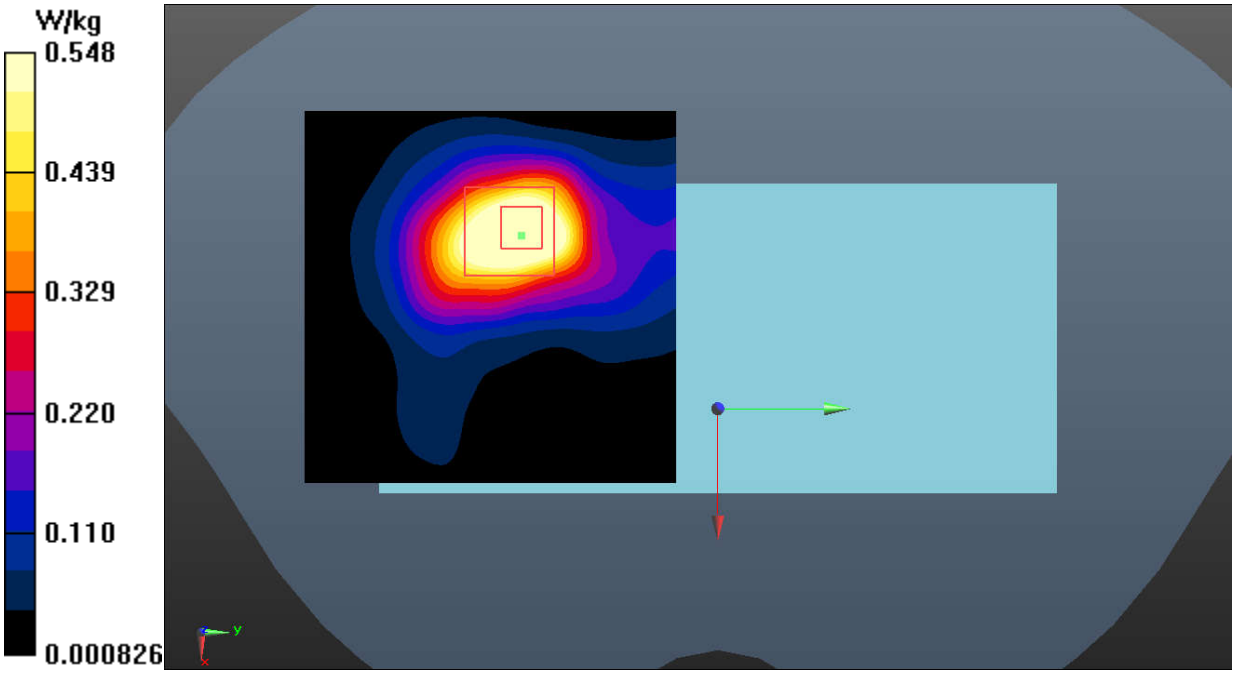


Fig.30 NR n7 Body

NR n66 Head
Date: 2022-9-18
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.382 S/m; ε_r = 39.258; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Left Cheek Middle 108@54/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.736 W/kg

Left Cheek Middle 108@54/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.932 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 0.601 W/kg

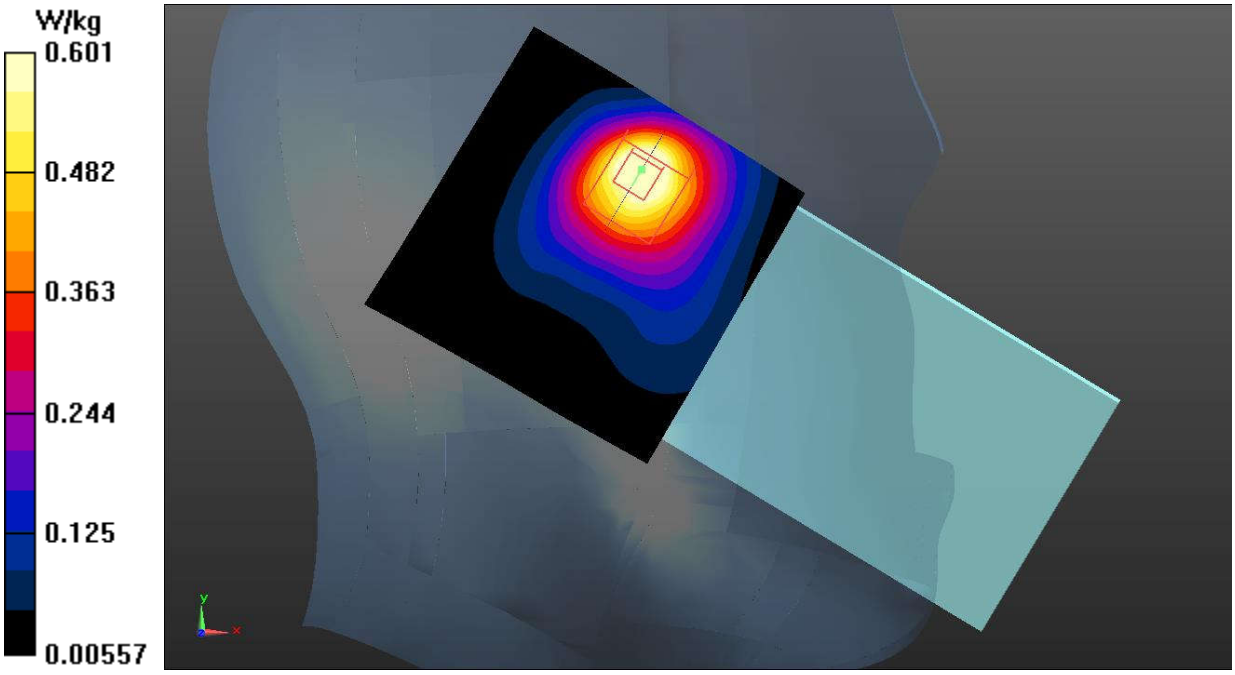


Fig.31 NR n66 Head

NR n66 Body
Date: 2022-9-18
Electronics: DAE4 Sn1527
Medium: Head 1750MHz
Medium parameters used: f = 1745 MHz; σ = 1.382 S/m; ε_r = 39.258; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (9.22, 9.22, 9.22)

Rear Side Middle 108@54/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.596 W/kg

Rear Side Middle 108@54/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.02 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.292 W/kg
Maximum value of SAR (measured) = 0.498 W/kg

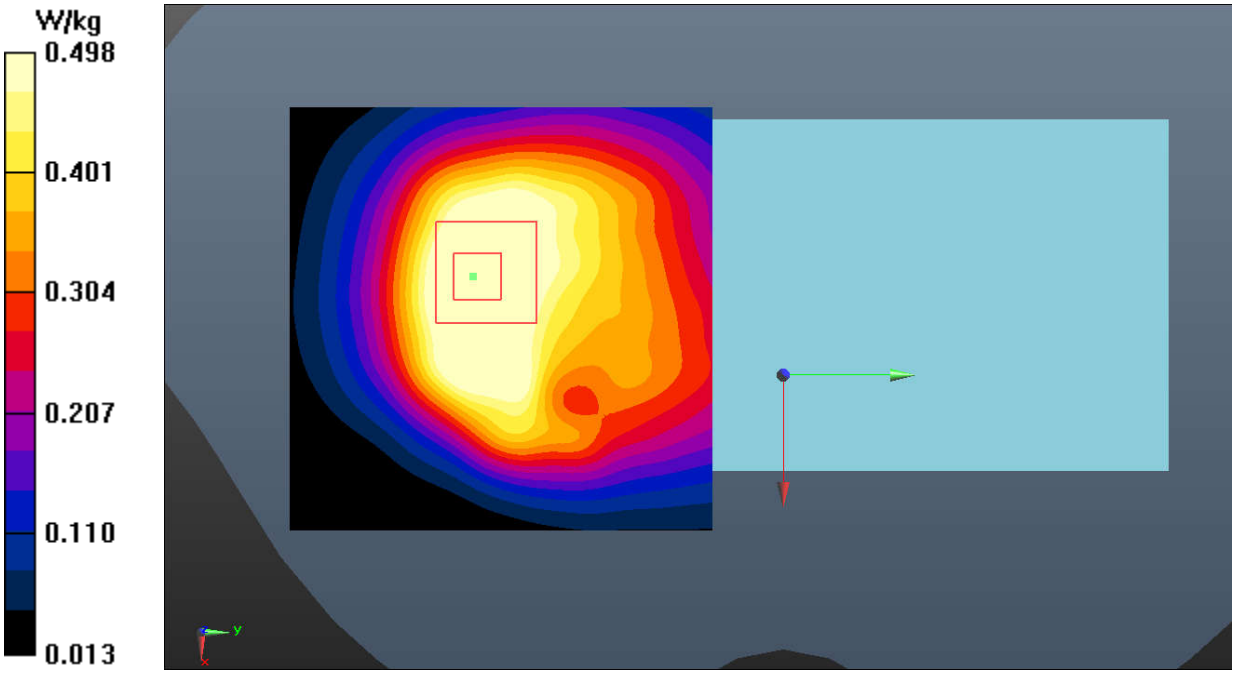


Fig.32 NR n66 Body

NR n78 Head
Date: 2022-8-30
Electronics: DAE4 Sn1527
Medium: Head 3500MHz
Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.863 S/m; ε_r = 38.485; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 3500.01 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.56, 7.56, 7.56)

Left Tilt Middle 135@67/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.367 W/kg

Left Tilt Middle 135@67/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.539 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.588 W/kg

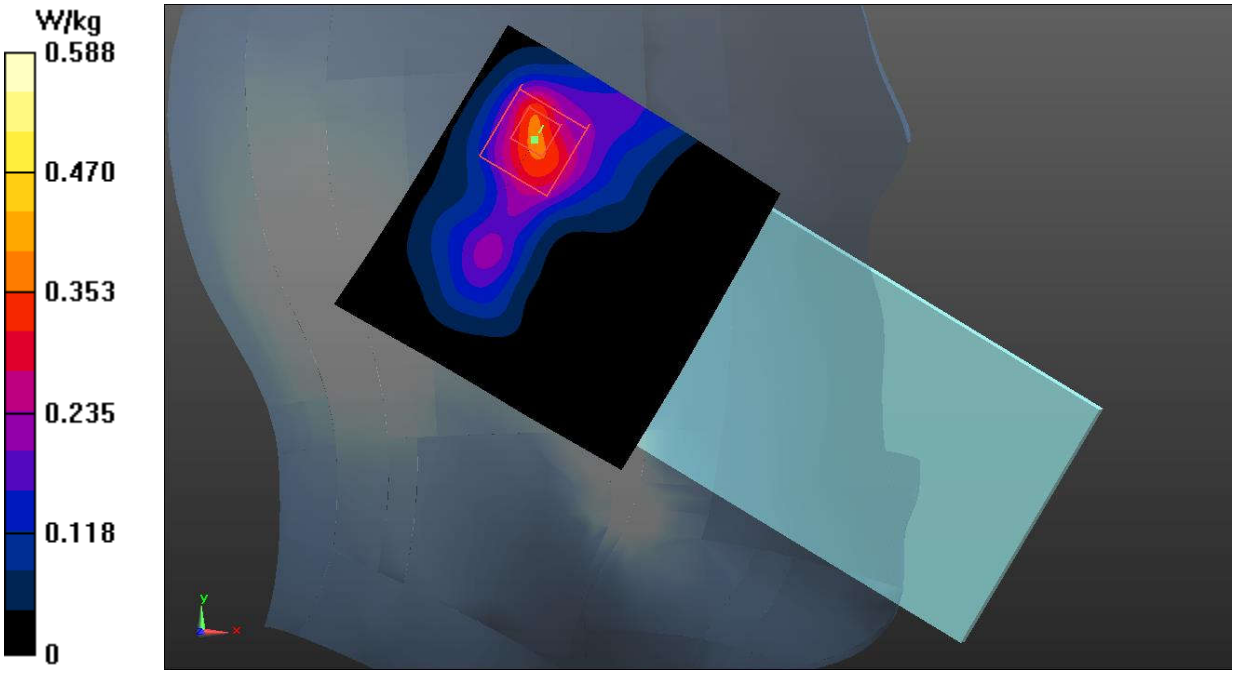


Fig.33 NR n78 Head

NR n78 Body
Date: 2022-8-30
Electronics: DAE4 Sn1527
Medium: Head 3500MHz
Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.863 S/m; ε_r = 38.485; ρ = 1000 kg/m^3
Communication System: UID 0, NR (0) Frequency: 3500.01 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (7.56, 7.56, 7.56)

Rear Side Middle 135@67/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.736 W/kg

Rear Side Middle 135@67/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.882 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.532 W/kg

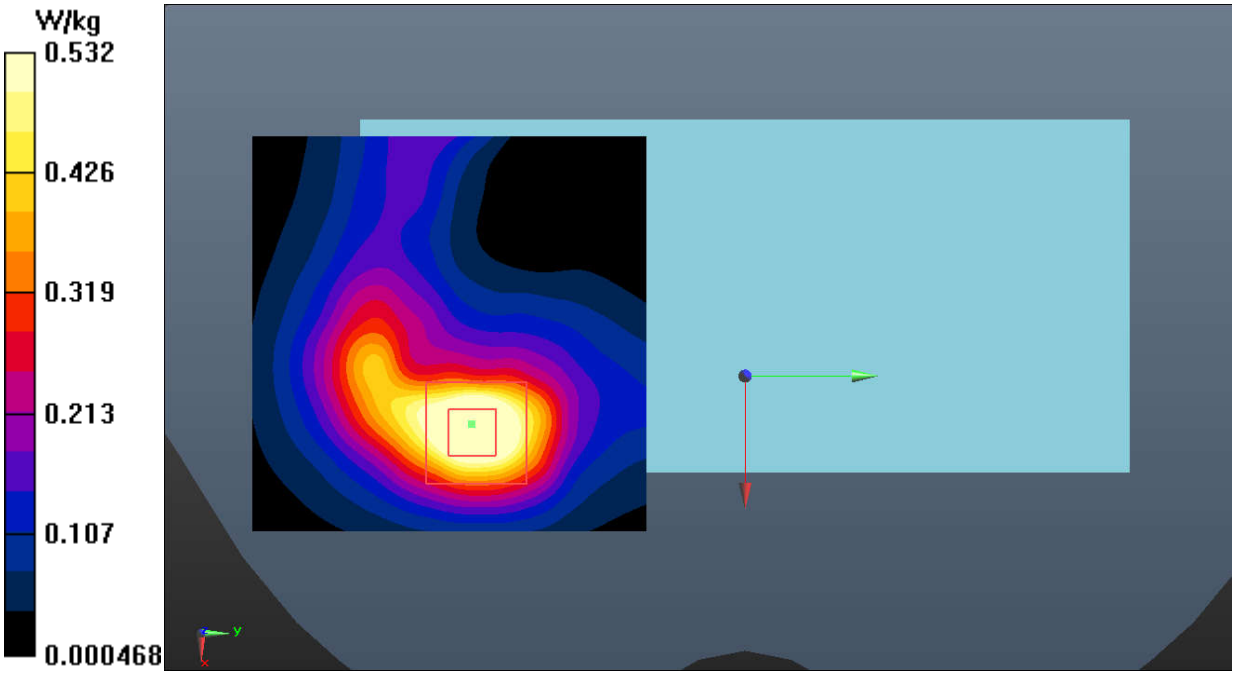


Fig.34 NR n78 Body

Bluetooth Head
Date: 2022-9-11
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 38.634; ρ = 1000 kg/m^3
Communication System: UID 0, BT (0) Frequency: 2480 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Left Cheek Ch.78/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Left Cheek Ch.78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.230 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.104 W/kg

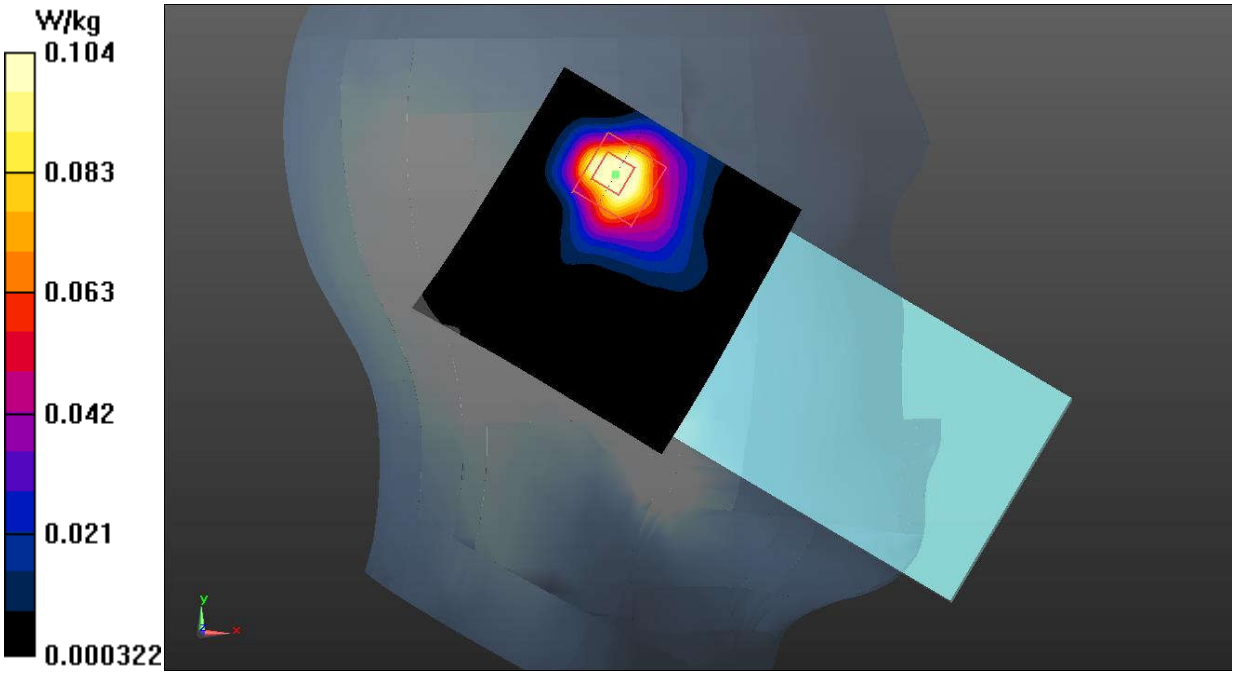


Fig.35 Bluetooth Head

Bluetooth Body
Date: 2022-9-11
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 38.634; ρ = 1000 kg/m^3
Communication System: UID 0, BT (0) Frequency: 2480 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Ch.78/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0304 W/kg

Rear Side Ch.78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.106 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.008 W/kg
Maximum value of SAR (measured) = 0.0204 W/kg

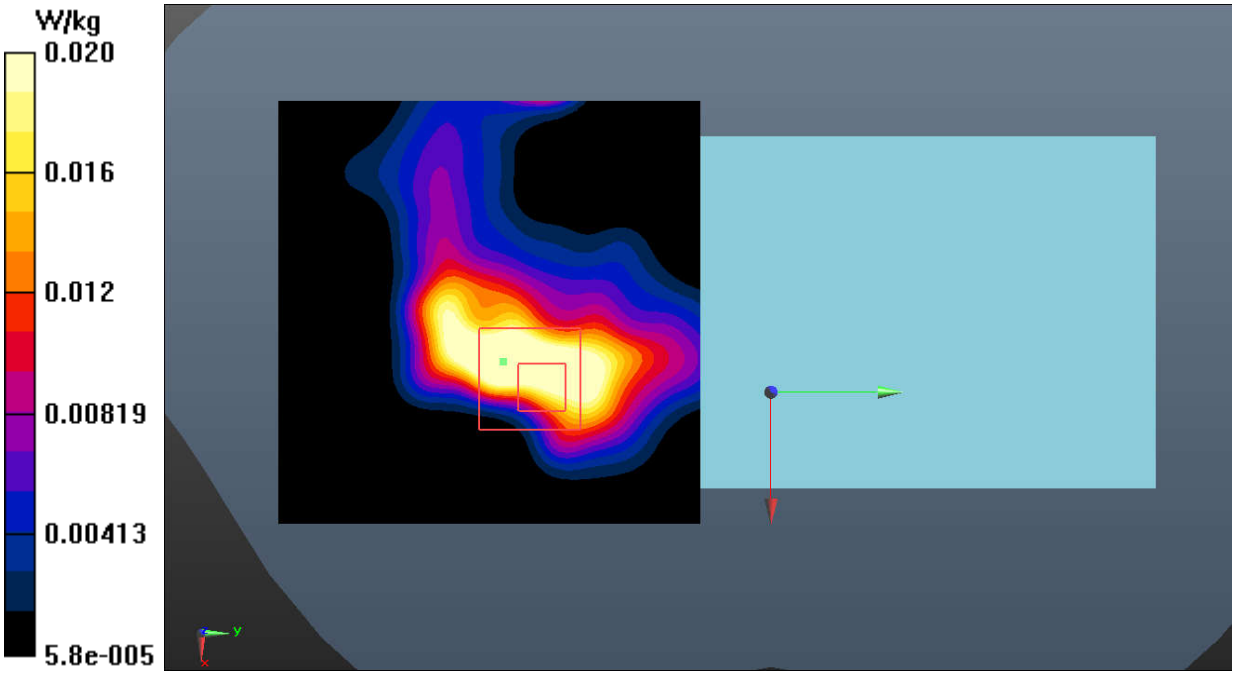


Fig.36 Bluetooth Body

WLAN 2.4GHz Head
Date: 2022-9-11
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used: f = 2462 MHz; σ = 1.849 S/m; ε_r = 38.693; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN (0) Frequency: 2462 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Left Cheek Ch.11/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Left Cheek Ch.11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.31 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.377 W/kg
Maximum value of SAR (measured) = 0.954 W/kg

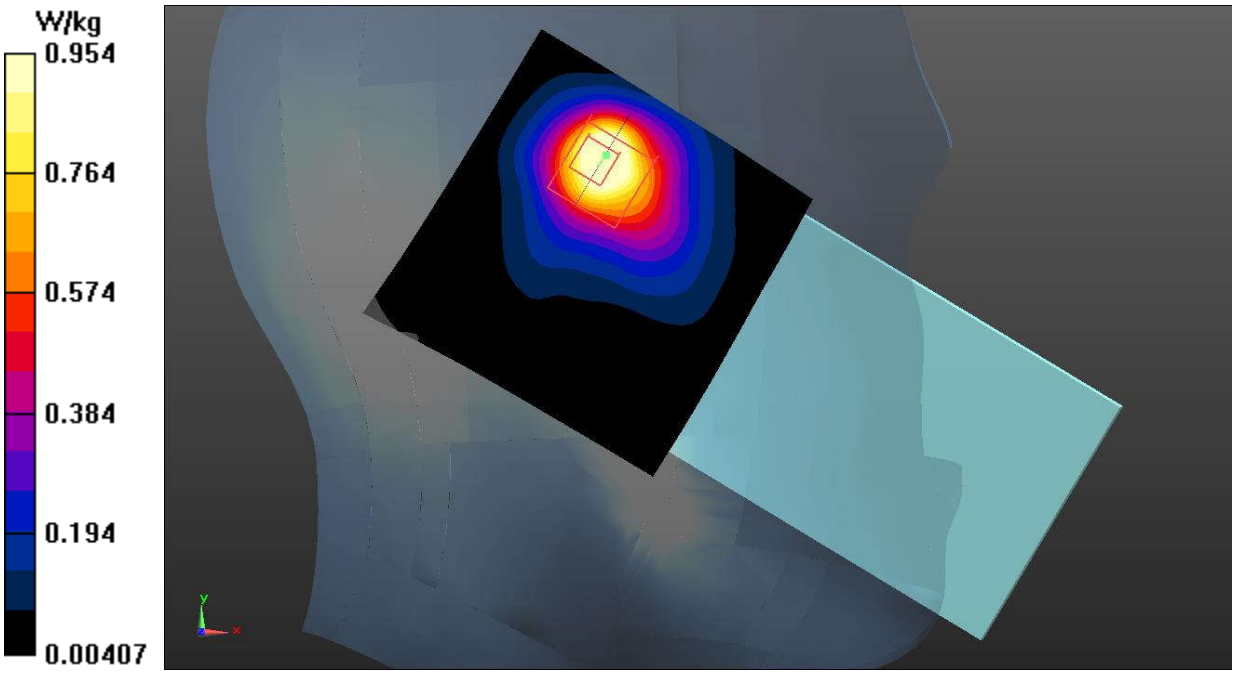


Fig.37 WLAN 2.4GHz Head

WLAN 2.4GHz Body
Date: 2022-9-11
Electronics: DAE4 Sn1527
Medium: Head 2450MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.82 S/m; ε_r = 38.776; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN (0) Frequency: 2437 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (8.17, 8.17, 8.17)

Rear Side Ch.6/Area Scan (91x91x1): Interpolated grid: dx=1. 000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.251 W/kg

Rear Side Ch.6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.934 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.237 W/kg

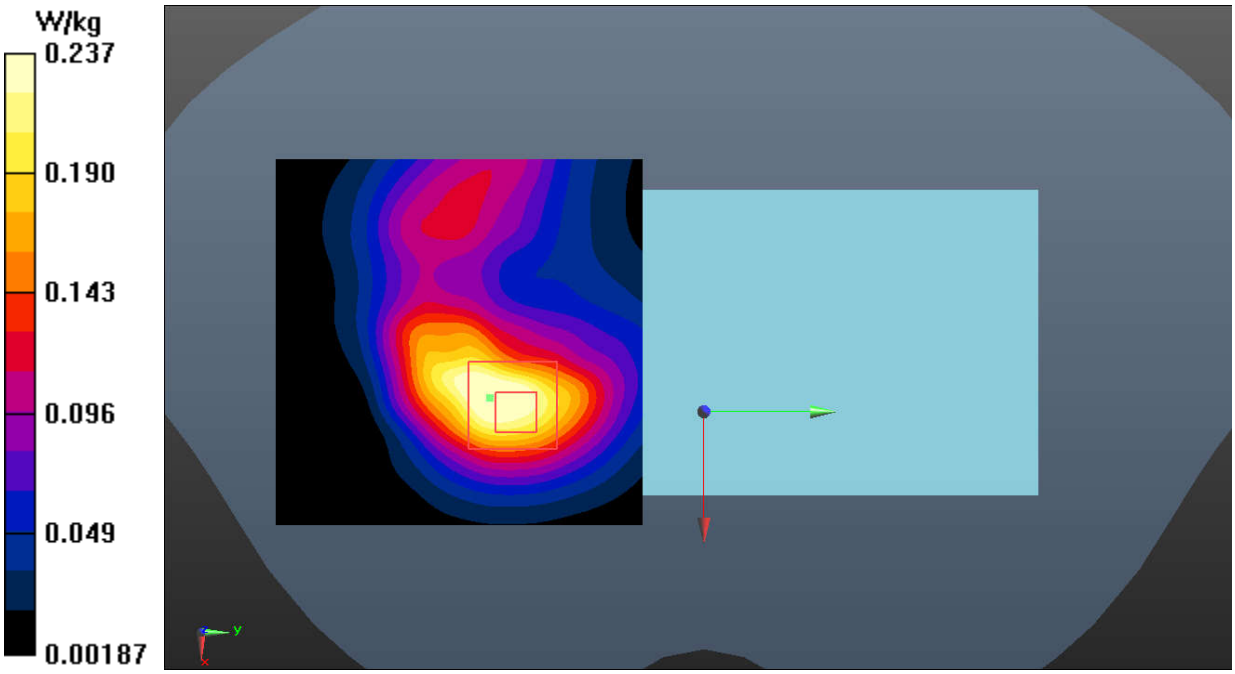


Fig.38 WLAN 2.4GHz Body

WLAN 5GHz Head
Date: 2022-9-10
Electronics: DAE4 Sn1527
Medium: Head 5600MHz
Medium parameters used: f = 5700 MHz; σ = 5.308 S/m; ε_r = 34.579; ρ = 1000 kg/m^3
Communication System: UID 0, WLAN 5G (0) Frequency: 5700 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.47, 5.47, 5.47)

Left Cheek Ch.140/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.728 W/kg

Left Cheek Ch.140/Zoom Scan (8x8x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.033 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.526 W/kg

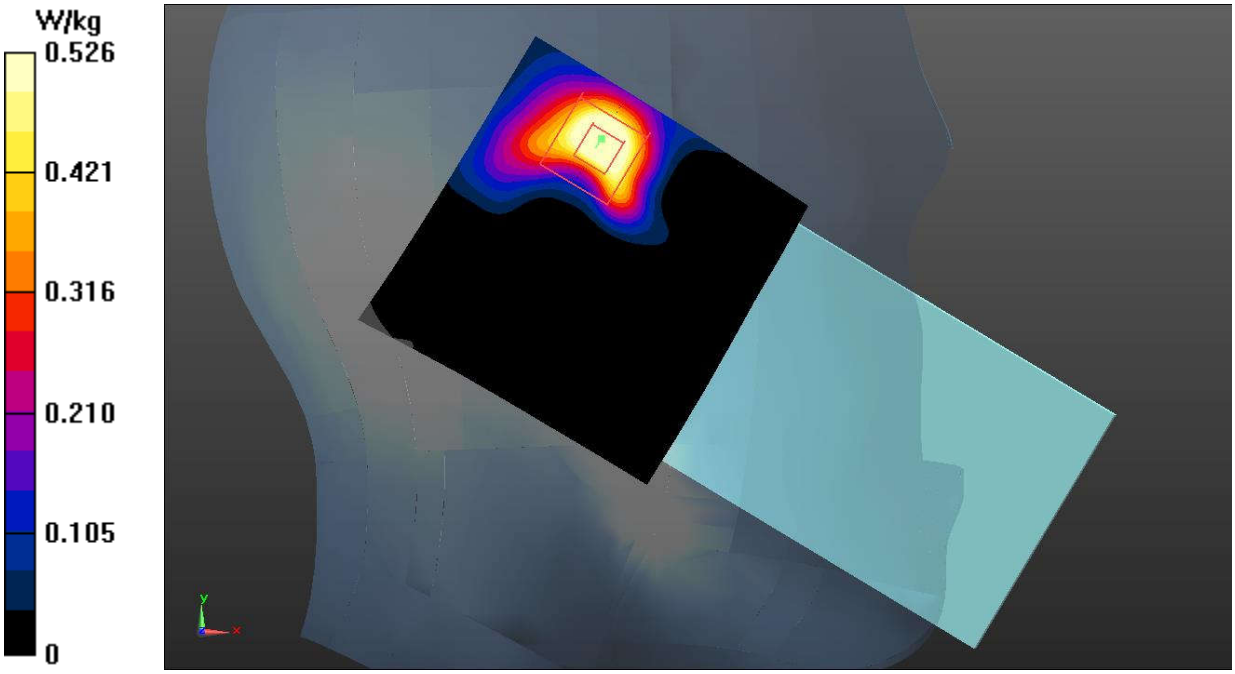


Fig.39 WLAN 5GHz Head

WLAN 5GHz Body
Date: 2022-9-10
Electronics: DAE4 Sn1527
Medium: Head 5250MHz
Medium parameters used: f = 5240 MHz; σ = 4.642 S/m; ε_r = 36.438; ρ = 1000 kg/m^3
Communication System: UID 0, WIFI 5G (0) Frequency: 5240 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN7621 ConvF (5.98, 5.98, 5.98)

Rear Side Ch.48/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.452 W/kg

Rear Side Ch.48/Zoom Scan (8x8x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.312 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.994 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.498 W/kg

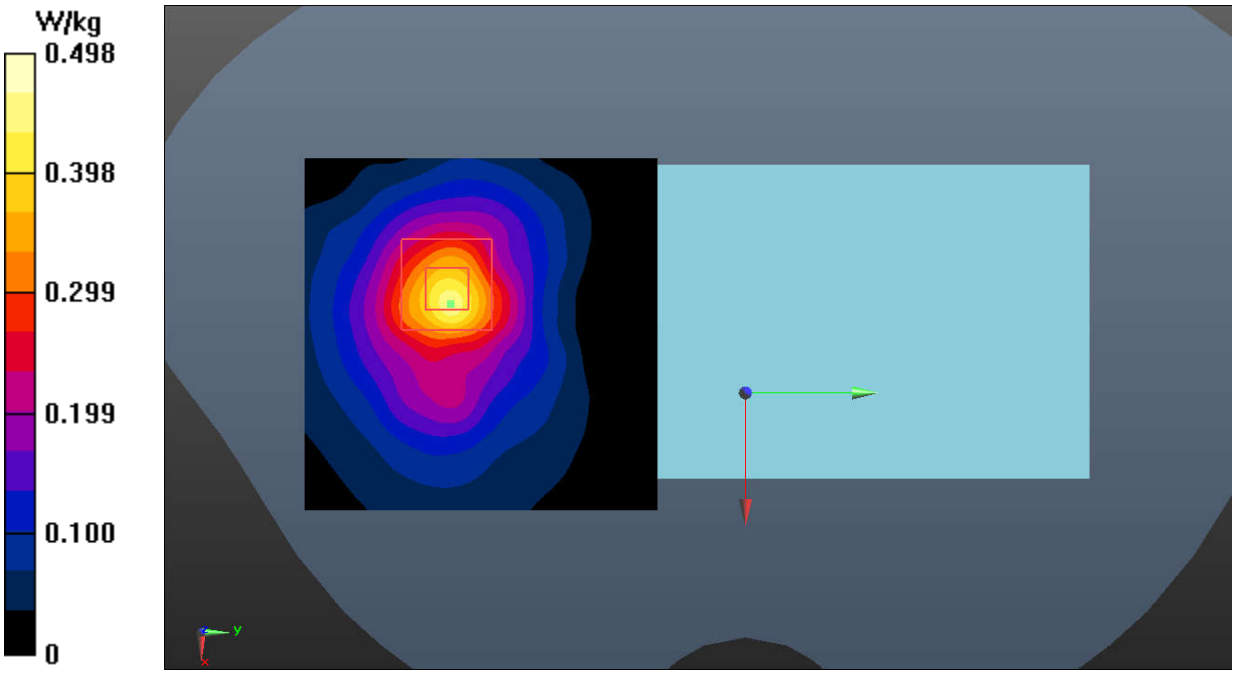


Fig.40 WLAN 5GHz Body