

FCC

SAR

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Mobile Phone

ISSUED TO
Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City,
Guangdong, China



Tested by: Zong Liyao
Zong Liyao

Date May 09, 2020

Approved by: Wei Yanquan
Wei Yanquan
(Chief Engineer)

Date May 9, 2020

Report No.: BL-SZ2030337-701

EUT Name: Mobile Phone

Model Name: AP001OP

Brand Name: OPPO

FCC ID: R9C-A001OP

Test Standard: FCC 47 CFR Part 2.1093

ANSI C95.1: 1999, IEEE 1528: 2013

Maximum SAR: Head (1 g): 1.047 W/kg

Body-worn (1 g): 1.108 W/kg

Hotspot (1 g): 1.153 W/kg

Specific (10 g): 2.103 W/kg

Test Conclusion: Pass

Test Date: Mar. 22, 2020 ~ Apr. 24, 2020

Date of Issue: May 09, 2020

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>May 09, 2020</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory is a testing organization accredited by American Association for Laboratory Accreditation (A2LA) according to ISO/IEC 17025. The accreditation certificate is 4344.01. The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Test Environment Condition

Ambient Temperature	20°C to 23°C
Ambient Relative Humidity	36% to 49%
Ambient Pressure	100 KPa to 102 KPa

1.4 Announce

- (1) The test report reference to the report template version v2.2.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO. 18 HaiBin Road, WuSha village, Chang An Town, DongGuan City, Guangdong, China

2.2 Manufacturer Information

Manufacturer	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO. 18 HaiBin Road, WuSha village, Chang An Town, DongGuan City, Guangdong, China

2.3 Factory Information

Factory	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO. 18 HaiBin Road, WuSha village, Chang An Town, DongGuan City, Guangdong, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	AP001OP
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS V7
Dimensions (Approx.)	159.4x72.4x7.7mm
Weight (Approx.)	171g(with battery)

2.5 Ancillary Equipment

Ancillary Equipment 1	Li-Polymer Battery	
	Brand Name	OPPO
	Model No.	BLP755
	Serial No.	N/A
	Capacitance	Rated: 3935mAh/15.22Wh Typical: 4025mAh/15.57Wh
	Rated Voltage	3.87 V
	Limited Voltage	4.45 V
	Manufacturer	NAVITASYS TECHNOLOGY LIMITED
Ancillary Equipment 2	Headset	
	Model No.	MH147
	Length (Approx.)	1.2 m

2.6 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900MHz
	3G Network WCDMA/HSDPA/HSUPA/HSPA+/DC-HSDPA Band 2/4/5
	4G Network FDD LTE Band 2/4/5/7/12/17/26
	TDD LTE Band 38/41
	LTE CA Uplink (UL): 7C
	LTE CA Downlink (DL): 7B, 7C, 38C, 41C, 7A-7A, 7A-28A, 2A-5A, 4A-5A, 4A-7A, 5A-7A, 4A-4A, 5A-38A, 7C-28A, 4A-7C, 5A-7C
	Bluetooth 5.0 (BR+EDR+BLE)
	2.4G WIFI 802.11b, 802.11g, 802.11n(HT20)
	5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80)
	Band 1/2/3/4 SRD
	NFC, GPS, GLONASS, BDS, Galileo

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	GSM, WCDMA, LTE, 2.4G WLAN, 5G WLAN, Bluetooth		
Frequency Range	GSM 850	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	GSM 1900	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE Band 17	TX: 704 ~ 716 MHz	RX: 734 ~ 746 MHz
	LTE Band 26	TX: 814 ~ 849 MHz	RX: 859 ~ 894 MHz
	LTE Band 38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE Band 41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	802.11b/g /n(HT20)	2400 ~ 2483.5 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT40/ VHT80)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
Bluetooth	2400 ~ 2483.5 MHz		
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna		
DTM	Not Support		
Hotspot Function	Support		
Power Reduction	Support		
Exposure Category	General Population/Uncontrolled exposure		

EUT Stage	Portable Device	
Product	Type	
	☒ Production unit	☐ Identical prototype
Note: 1. The Power Reduction please refer to section 8.7. 2. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications. 3. This device 2.4GHz WLAN/5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz WLAN/5.5GHz WLAN supports WiFi Direct (GC only) 4. This device has four WWAN transmit antennas and they can't transmit simultaneously.		

2.7 Power Reduction Description

This mobile phone device supports the receiver detection mechanism. This device uses the receiver to indicate whether the user is making a call in head or body.

When there is a voice call (including VOIP) and the audio is actively routed through the earpiece receiver, which indicating the head exposure condition it will trigger the head exposure reduced the power.

When there is a voice call (including VOIP), and the audio is actively routed through the headset or speaker, which indicating the body exposure conditions will trigger the body exposure reduced the power.

When this device used data mode only, and the receiver will not work too, the reduced the power are same as body exposure.

Reduced power level table

Reduced level	Receiver state	Transmitting conditions	Antenna	Power reduced bands
Level 1	On (head scenario)	WWAN Use Only	Ant.0	GSM850, LTE Band 5/7/38/41
			Ant.1	GSM850
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	N/A
Level 2	On (head scenario)	WWAN + WLAN 2.4G+ WLAN 5G	Ant.0	GSM850, WCDMA B5 LTE Band 5/7/12/17/38/41
			Ant.1	GSM850
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	N/A
Level 3	On (head scenario)	WWAN+ WLAN 2.4G	Ant.0	GSM850, WCDMA B5 LTE Band 5/7/12/17/38/41
			Ant.1	GSM850
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	N/A
Level 4	On (head scenario)	WWAN + WLAN 2.4G + WLAN 5G	Ant.0	GSM850, WCDMA B5 LTE Band 5/7/12/17/38/41
			Ant.1	GSM850
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.5	N/A
Level 5	Body-worn & Hotspot	WWAN Use Only	Ant.0	GSM850, LTE Band 5/7/12/17/41
			Ant.1	GSM850, WCDMA Band 5, LTE Band 5
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	LTE Band 7

Level 6	Body-worn & Hotspot	WWAN + WLAN 2.4G+ WLAN 5G	Ant.0	GSM850,WCDMA Band 5, LTE Band 5/7/12/17/38/41
			Ant.1	GSM850, WCDMA Band 5, LTE Band 5/12/17
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	WCDMA Band 2, LTE Band 2/7/41
Level 7	Body-worn & Hotspot	WWAN+ WLAN 2.4G	Ant.0	GSM850,WCDMA Band 5, LTE Band 5/7/12/17/38/41
			Ant.1	GSM850, WCDMA Band 5, LTE Band 5/12/17
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	WCDMA Band 2, LTE Band 2/7/41
Level 8	Body-worn & Hotspot	WWAN + WLAN 2.4G + WLAN 5G	Ant.0	GSM850,WCDMA Band 5, LTE Band 5/7/12/17/38/41
			Ant.1	GSM850, WCDMA Band 5, LTE Band 5/12/17
			Ant.2	PCS1900, WCDMA Band 2/4, LTE Band 2/4/7/38/41
			Ant.3	WCDMA Band 2, LTE Band 2/7/41

WLAN Reduced power level table

Reduced level	Receiver state	Transmitting conditions	Power reduced bands
Level 1	On (head scenario)	2.4GMIMO or 5G MIMO	WLAN2.4G, WLAN 5.2 / 5.3 / 5.6 / 5.8G
Level 2	On (head scenario)	5G chain1 +2.4G chain0	WLAN2.4G, WLAN 5.2 / 5.3 / 5.6 / 5.8G
Level 3	On (head scenario)	WWAN+2.4GMIMO or WWAN +5G MIMO	WLAN2.4G, WLAN 5.2 / 5.3 / 5.6 / 5.8G
Level 4	On (head scenario)	WWAN +5G chain1 +2.4G chain0	WLAN2.4G, WLAN 5.2 / 5.3 / 5.6 / 5.8G
Level 5	Body-worn & Hotspot	2.4GMIMO or 5G MIMO	N/A
Level 6	Body-worn & Hotspot	5G chain1 +2.4G chain0	WLAN 5.2 / 5.3 / 5.6 G
Level 7	Body-worn &	WWAN+2.4GMIMO or WWAN +5G MIMO	WLAN2.4G, WLAN 5.2 / 5.3 / 5.6 G

	Hotspot		
Level 8	Body-worn & Hotspot	WWAN+5G chain1 +2.4G chain0	WLAN2.4G, WLAN 5.2 / 5.3 / 5.6 / 5.8G

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	ANSI/IEEE Std. C95.1-1999	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
3	IEEE Std. 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
4	FCC KDB 447498 D01 v06	Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies
5	FCC KDB 941225 D01 v03r01	3G SAR MEAUREMENT PROCEDURES
6	FCC KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
7	FCC KDB 941225 D06 v02r01	SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities
8	CC KDB 941225 D05A v01r02	Rel. 10 LTE SAR Test Guidance and KDB Inquiries
9	FCC KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
10	FCC KDB 865664 D02 v01r02	RF Exposure Reporting
11	FCC KDB 648474 D04 v01r03	SAR Evaluation Considerations for Wireless Handsets
12	KDB 248227 D01 v02r02	SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitters

3.2 Device Category and SAR Limit

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user.

Limit for General Population/Uncontrolled exposure should be applied for this device, it is 1.6 W/kg as averaged over any 1 gram of tissue.

Table of Exposure Limits:

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

NOTE:

General Population/Uncontrolled Exposure: Locations where there is the exposure of individuals who have no knowledge or control of their exposure. General population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

Occupational/Controlled Exposure: Locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

3.3 Test Result Summary

3.3.1 Highest Head and Body SAR (1 g Value)

Band	Maximum Scaled SAR (W/kg)			Maximum Report SAR (W/kg)		
	Head	Body-worn Accessory	Hotspot	Head	Body-worn Accessory	Hotspot
GSM 850	0.892	0.608	0.608	1.047	1.108	1.153
GSM 1900	0.964	0.525	0.614			
WCDMA Band 2	0.861	0.425	0.539			
WCDMA Band 4	0.804	0.353	0.448			
WCDMA Band 5	0.959	0.545	0.642			
LTE Band 2	0.854	0.534	0.651			
LTE Band 4	0.919	0.488	0.657			
LTE Band 5	0.896	0.794	0.830			
LTE Band 7	1.047	0.957	0.957			
LTE Band 12	0.864	0.576	0.598			
LTE Band 17	0.929	0.675	0.675			
LTE Band 26	0.348	0.162	0.162			
LTE Band 38	1.045	1.108	1.153			
LTE Band 41	0.760	0.365	0.701			
2.4G WLAN	0.725	0.263	0.361			
5.2G WLAN	/	/	0.507			
5.3G WLAN	0.746	0.787	/			
5.6G WLAN	0.705	0.473	/			
5.8G WLAN	0.423	0.188	0.188			
Bluetooth	0.509	0.195	0.195			
Limit (W/kg)	1.6			1.6		
Verdict	PASS					

3.3.2 Highest Specific SAR (10 g Value)

Band	Maximum Scaled SAR (W/kg)	Maximum Report SAR (W/kg)
	Specific	Specific
GSM 1900	0.925	2.103
WCDMA Band 2	1.452	
WCDMA Band 4	1.322	
LTE Band 2	1.799	
LTE Band 4	1.688	
LTE Band 7	1.151	
LTE Band 38	1.498	
LTE Band 41	0.825	
5.3G WLAN	2.103	
5.6G WLAN	1.949	
Limit (W/kg)	4.0	4.0
Verdict	Pass	

3.3.3 Highest Simultaneous SAR

Position	Simultaneous Configuration	Simultaneous SAR (W/kg)	Limit (W/kg)	Verdict
Head (1g)	WWAN+ 5G WIFI+ Bluetooth	1.499	1.6	Pass
Body-worn (1g)	WWAN+ 2.4G WIFI+ 5G WIFI+ Bluetooth	1.253	1.6	Pass
Hotspot (1g)	WWAN+ 5G WIFI+ Bluetooth	1.488	1.6	Pass
Limbs (10g)	WWAN+5G WIFI	2.543	4.0	Pass

3.4 Test Uncertainty

According to KDB 865664 D01, when the highest measured 1 g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis is not required in SAR reports submitted for equipment approval.

The maximum 1 g SAR for the EUT in this report is 1.153 W/kg, which is lower than 1.5 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

The maximum 10 g SAR for the EUT in this report is 2.103 W/kg, which is lower than 3.75 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

4 MEASUREMENT SYSTEM

4.1 Specific Absorption Rate (SAR) Definition

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

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

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

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

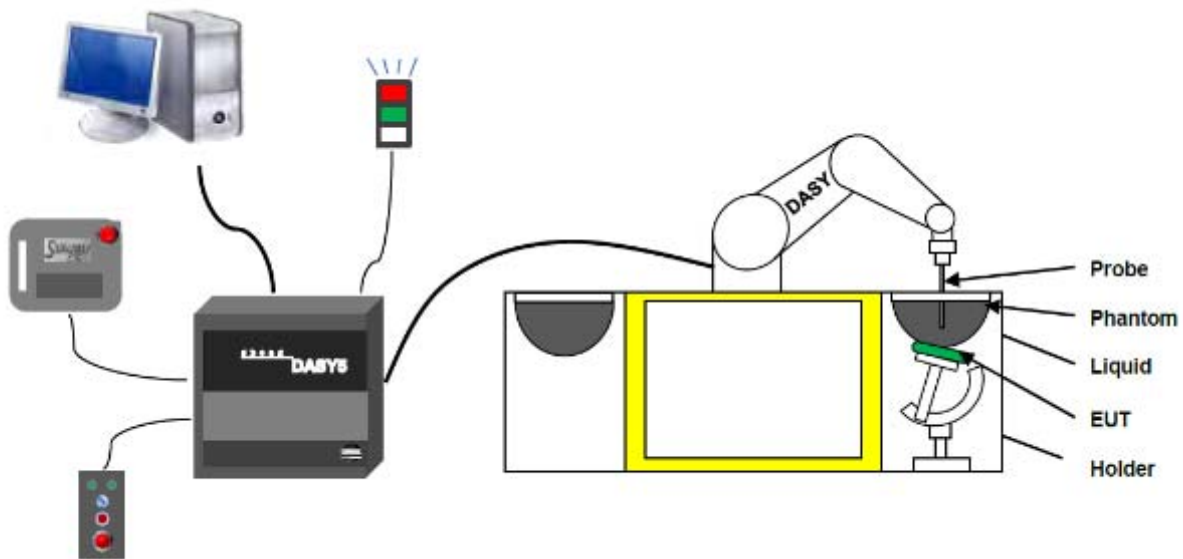
$$\text{SAR} = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

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

4.2 DASY SAR System

4.2.1 DASY SAR System Diagram



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

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
6. The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

4.2.2 Robot

The Dasy SAR system uses the high precision robots. Symmetrical design with triangular core Built-in optical fiber for surface detection system For the 6-axis controller system, Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents). The robot series have many features that are important for our application:



- High precision
(repeatability ± 0.02 mm)
- High reliability
(industrial design)
- Low maintenance costs
(virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements
(brush less synchron motors; no stepper motors)
- Low ELF interference
(motor control _elds shielded via the closed metallic construction shields)

4.2.3 E-Field Probe

The probe is specially designed and calibrated for use in liquids with high permittivities for the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7510 with following specifications is used.

Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection system Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz; Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.2 dB in HSL (rotation around probe axis) ; ± 0.4 dB in HSL (rotation normal to probe axis)
Dynamic range	5 μ W/g to > 100 mW/g; Linearity: ± 0.2 dB
Dimensions	Overall length: 337 mm (Tip: 9 mm) Tip diameter: 2.5 mm (Body: 10 mm) Distance from probe tip to dipole centers: 1.0 mm
Application	General dosimetry up to 3 GHz Compliance tests of mobile phones Fast automatic scanning in arbitrary phantoms (EX3DV4)

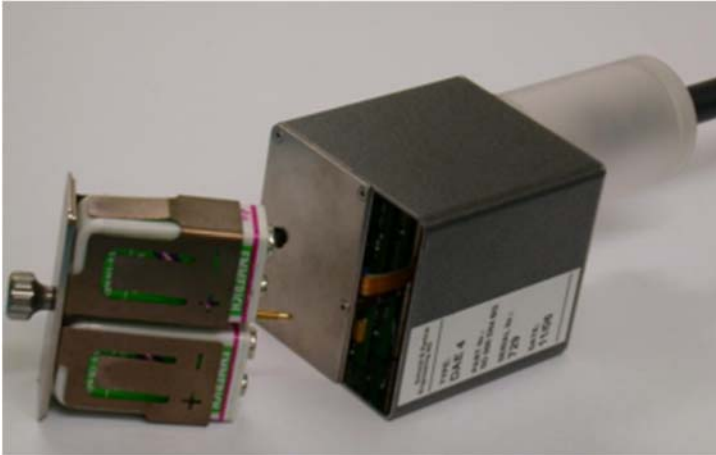


E-Field Probe Calibration Process

Probe calibration is realized, in compliance with CENELEC EN 62209-1/-2 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the EN 62209-1/2 annexe technique using reference guide at the five frequencies.

4.2.4 Data Acquisition Electronics

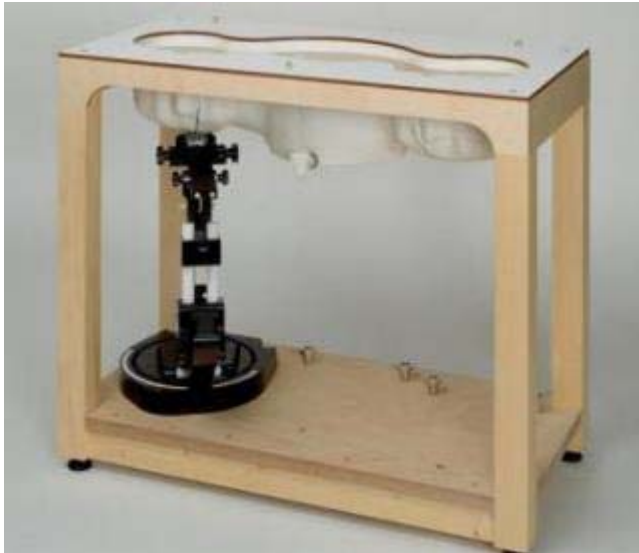
The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.



- Input Impedance: 200M Ω m
- The Inputs: Symmetrical and Floating
- Commom Mode Rejection: Above 80dB

4.2.5 Phantoms

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



- Left hand
- Right hand
- Flat phantom

Photo of Phantom SN1857



Photo of Phantom SN1859



Serial Number	Material	Length	Height
SN 1857 SAM1	Vinylester, glass fiber reinforced	1000	500
SN 1859 SAM2	Vinylester, glass fiber reinforced	1000	500

4.2.6 Device Holder

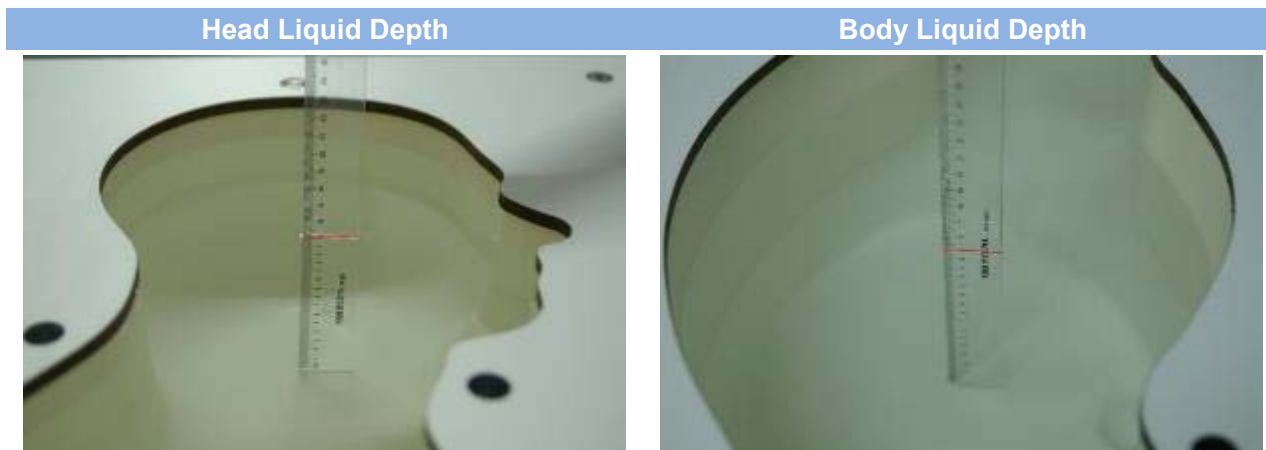
The DASY5 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65° . The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. This device holder is used for standard mobile phones or PDA's only. If necessary an additional support of polystyrene material is used. Larger DUT's (e.g. notebooks) cannot be tested using this device holder. Instead a support of bigger polystyrene cubes and thin polystyrene plates is used to position the DUT in all relevant positions to find and measure spots with maximum SAR values. Therefore those devices are normally only tested at the flat part of the SAM.



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

4.2.7 Simulating Liquid

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



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

Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.4	40.0
2450	55.0	0	0	0.1	0	44.9	1.80	39.2
2600	54.9	0	0	0.1	0	45.0	1.96	39.0
Frequency (MHz)	Water (%)	Hexyl Carbitol (%)			Triton X-100 (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	62.52	17.24			17.24		4.66	36.0
5800	62.52	17.24			17.24		5.27	35.3
Body (From instrument manufacturer)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	51.7	47.2	0	0.9	0.1	0	0.96	55.5
835	50.8	48.2	0	0.9	0.1	0	0.97	55.2
900	50.8	48.2	0	0.9	0.1	0	1.05	55.0
1800, 1900, 2000	70.2	0	0	0.4	0	29.4	1.52	53.3
2450	68.6	0	0	0.1	0	31.3	1.95	52.7
2600	68.2	0	0	0.1	0	31.7	2.16	52.5
Frequency(MHz)	Water	DGBE (%)			Salt (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	78.60	21.40			/		5.54	47.86
5800	78.50	21.40			0.1		6.0	48.20

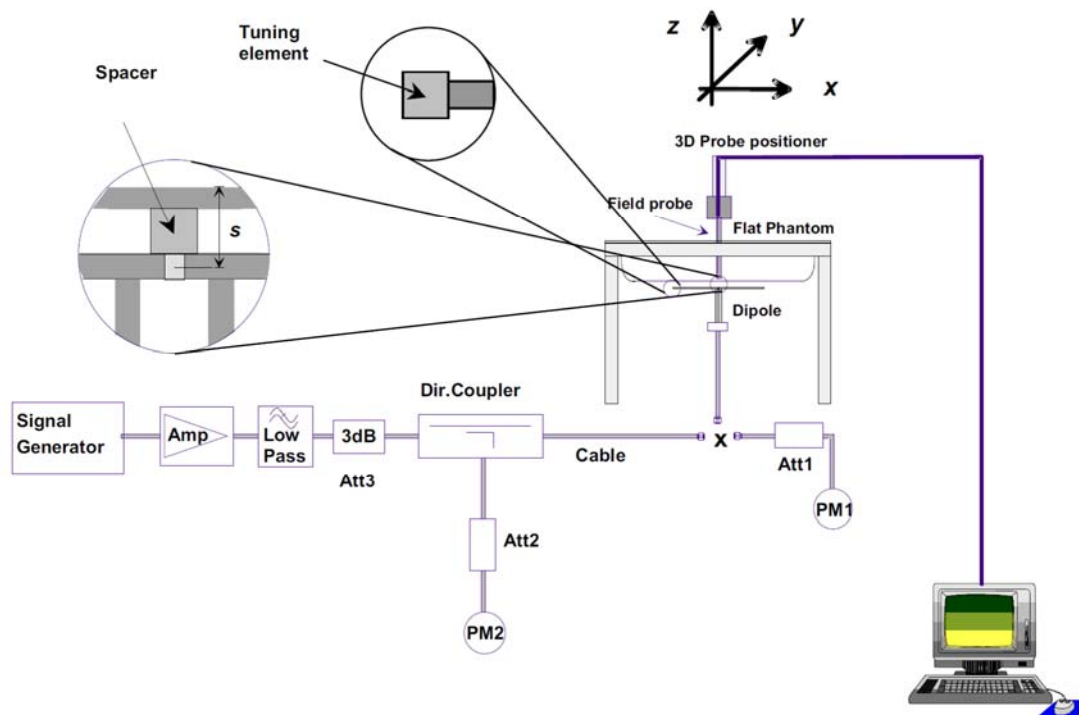
5 SYSTEM VERIFICATION

5.1 Purpose of System Check

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

5.2 System Check Setup

In the simplified setup for system evaluation, the EUT 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:



6 TEST POSITION CONFIGURATIONS

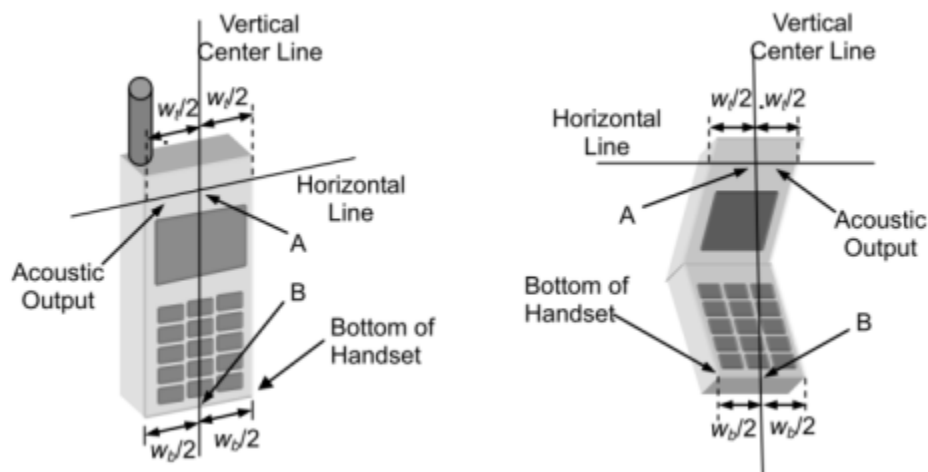
According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

6.1 Head Exposure Conditions

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

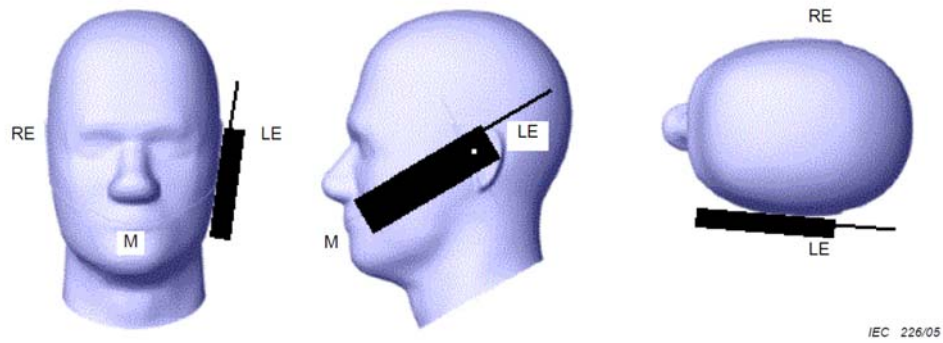
6.1.1 Two Imaginary Lines on the Handset

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



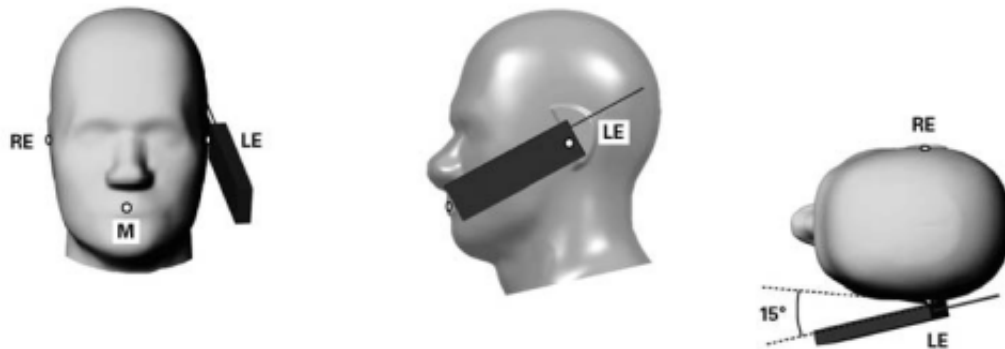
6.1.2 Cheek Position

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



6.1.3 Tilted Position

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

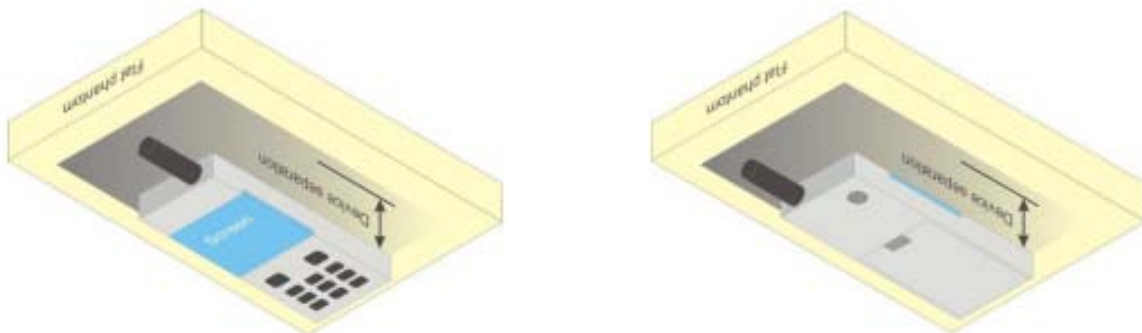


6.2 Body-worn Position Conditions

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

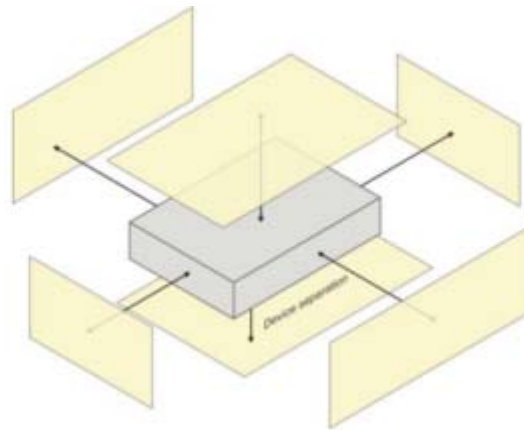
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics.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

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



6.3 Hotspot Mode Exposure Position Conditions

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



6.4 Product Specific 10g Exposure Consideration

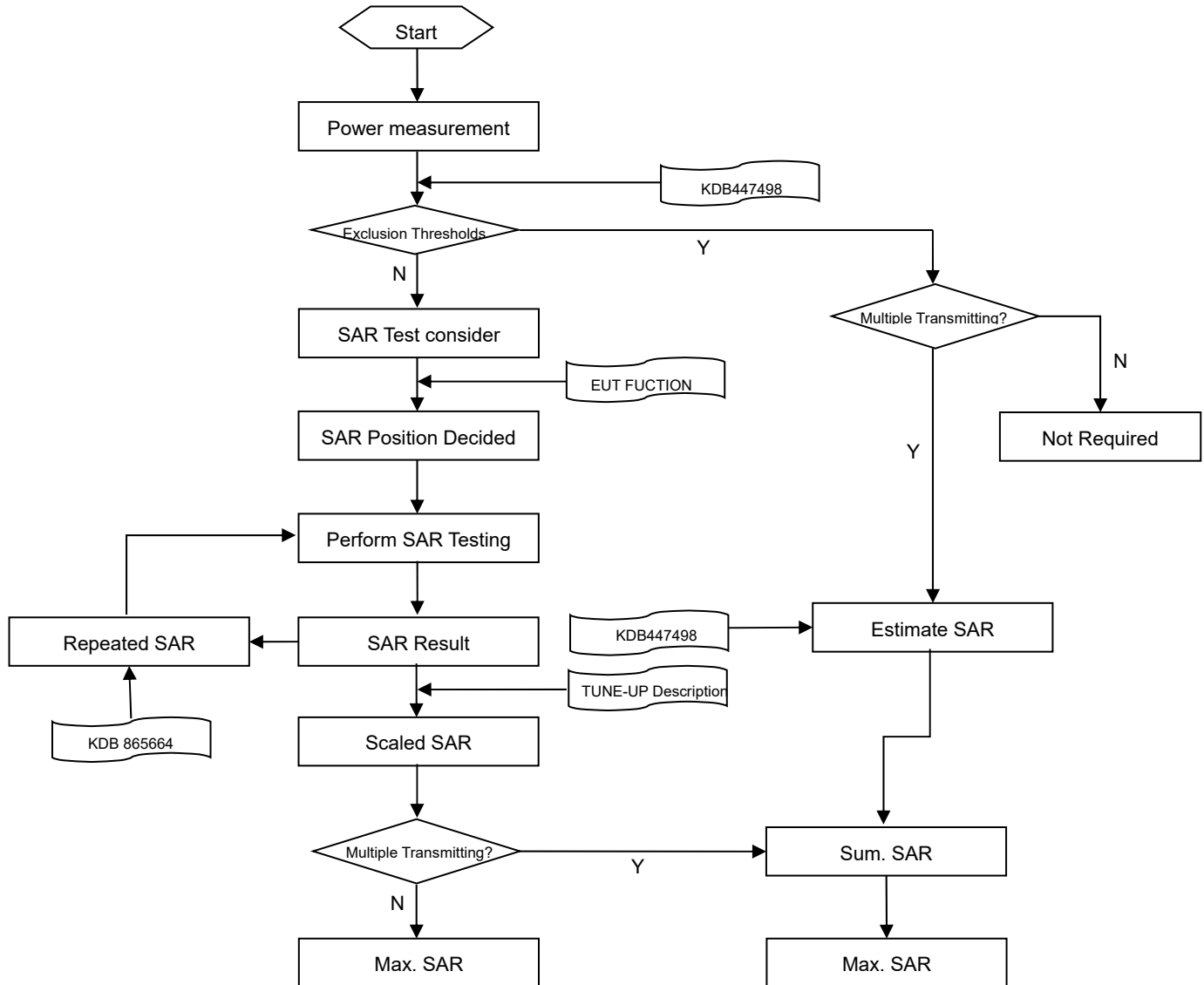
According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed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

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

For WWAN antenna, hotspot SAR results less than 1.2W/Kg, so WWAN 10-g extremity test are not require, only 5G WLAN Band II and Band III was tested 10-g extremity SAR in this report.

7 MEASUREMENT PROCEDURE

7.1 Measurement Process Diagram



7.2 SAR Scan General Requirement

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

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

Note:

- δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
- * When zoom scan is required and the reported SAR from the area scan based 1 g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

7.3 Measurement Procedure

The following steps are used for each test position

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

7.4 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. Area scan and zoom scan resolution setting follows KDB 865664 D01v01r04 quoted below.

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

8 CONDUCTED RF OUTPUT POWER

8.1 GSM

GSM 850								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power (dBm)			Tune-up
Channel	128	190	251	Limit (dBm)	128	190	251	Limit (dBm)
GSM (GMSK, 1-Slot)	32.42	32.58	32.41	33.00	23.23	23.39	23.22	23.81
GPRS (GMSK, 1-Slot)	32.33	32.47	32.30	33.00	23.14	23.28	23.11	23.81
GPRS (GMSK, 2-Slots)	31.04	31.19	31.04	31.50	24.91	25.06	24.91	25.37
GPRS (GMSK, 3-Slots)	28.76	28.96	28.82	29.50	24.34	24.54	24.40	25.08
GPRS (GMSK, 4-Slots)	27.42	27.43	27.57	28.00	24.24	24.25	24.39	24.82
EGPRS (8PSK, 1-Slot)	29.94	30.18	30.00	30.50	20.75	20.99	20.81	21.31
EGPRS (8PSK, 2-Slots)	28.20	28.37	28.16	28.50	22.07	22.24	22.03	22.37
EGPRS (8PSK, 3-Slots)	25.99	26.19	25.99	26.50	21.57	21.77	21.57	22.08
EGPRS (8PSK, 4-Slots)	24.86	24.85	24.61	25.00	21.68	21.67	21.43	21.82
GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power(dBm)			Tune-up
Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
GSM (GMSK, 1-Slot)	29.14	29.28	29.14	30.50	19.95	20.09	19.95	21.31
GPRS (GMSK, 1-Slot)	29.11	29.23	29.07	30.50	19.92	20.04	19.88	21.31
GPRS (GMSK, 2-Slots)	27.76	27.83	27.65	28.50	21.63	21.70	21.52	22.37
GPRS (GMSK, 3-Slots)	25.51	25.64	25.41	26.50	21.09	21.22	20.99	22.08
GPRS (GMSK, 4-Slots)	24.27	24.42	24.30	25.50	21.09	21.24	21.12	22.32
EGPRS (8PSK, 1-Slot)	28.62	29.14	28.93	29.50	19.43	19.95	19.74	20.31
EGPRS (8PSK, 2-Slots)	26.80	27.04	26.98	27.50	20.67	20.91	20.85	21.37
EGPRS (8PSK, 3-Slots)	25.28	24.77	25.30	26.00	20.86	20.35	20.88	21.58
EGPRS (8PSK, 4-Slots)	24.44	24.11	24.54	25.00	21.26	20.93	21.36	21.82
Note ¹: SAR testing was performed on the maximum frame-averaged power mode. Note ²: The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 Tx Slot) – 9.19 dB Frame-averaged power = Burst averaged power (2 Tx Slots) – 6.13 dB Frame-averaged power = Burst averaged power (3 Tx Slots) - 4.42dB Frame-averaged power = Burst averaged power (4 Tx Slots) – 3.18 dB								

8.2 WCDMA

WCDMA	Band 2				Band 4			
Channel	9262	9400	9538	Tune-up Limit (dBm)	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	22.63	22.69	22.68	23.50	22.72	22.81	22.87	23.50
HSDPA Subtest-1	22.67	22.72	22.72	23.50	22.76	22.79	22.86	23.50
HSDPA Subtest-2	22.69	22.73	22.70	23.50	22.78	22.81	22.84	23.50
HSDPA Subtest-3	22.17	22.20	22.20	23.00	22.23	22.29	22.34	23.00
HSDPA Subtest-4	22.13	22.19	22.19	23.00	22.25	22.29	22.33	23.00
HSUPA Subtest-1	22.65	22.71	22.69	23.50	22.77	22.81	22.82	23.50
HSUPA Subtest-2	20.13	20.13	20.17	21.00	20.28	20.28	20.34	21.00
HSUPA Subtest-3	21.16	21.15	21.22	22.00	21.26	21.27	21.30	22.00
HSUPA Subtest-4	20.18	20.21	20.19	21.00	20.21	20.28	20.34	21.00
HSUPA Subtest-5	22.95	23.04	23.00	23.50	23.08	23.18	23.23	23.50
WCDMA	Band 5				-			
Channel	4132	4182	4233	Tune-up Limit (dBm)	-	-	-	-
RMC 12.2Kbps	24.11	24.19	24.11	24.50				
HSDPA Subtest-1	23.09	23.21	23.11	23.50	-	-	-	-
HSDPA Subtest-2	23.17	23.21	23.12	23.50	-	-	-	-
HSDPA Subtest-3	22.63	22.69	22.62	23.00	-	-	-	-
HSDPA Subtest-4	22.63	22.66	22.59	23.00	-	-	-	-
HSUPA Subtest-1	23.16	23.17	23.21	23.50	-	-	-	-
HSUPA Subtest-2	21.12	21.14	21.20	21.50	-	-	-	-
HSUPA Subtest-3	22.10	22.27	22.20	22.50	-	-	-	-
HSUPA Subtest-4	21.14	21.30	21.22	21.50	-	-	-	-
HSUPA Subtest-5	23.15	23.24	23.17	23.50	-	-	-	-

8.3 LTE

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	22.85	22.95	22.77	24.00	22.54	22.42	22.27	23.00
	1 (RB_Pos:50)	22.83	22.93	22.72	24.00	22.43	22.39	22.22	23.00
	1 (RB_Pos:99)	22.90	22.86	22.77	24.00	22.44	22.42	22.34	23.00
	50 (RB_Pos:0)	21.82	21.92	21.79	23.00	20.85	20.95	20.79	22.00
	50 (RB_Pos:25)	21.96	21.91	21.90	23.00	20.98	20.98	20.85	22.00
	50 (RB_Pos:50)	21.92	21.95	21.95	23.00	20.95	21.02	20.96	22.00
	100 (RB_Pos:0)	21.91	21.92	21.84	23.00	20.97	20.94	20.86	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	22.82	22.88	22.76	24.00	21.80	22.32	22.19	23.00
	1 (RB_Pos:38)	22.81	22.85	22.78	24.00	21.93	22.35	22.35	23.00
	1 (RB_Pos:74)	22.93	22.78	22.80	24.00	22.06	22.26	22.11	23.00
	36 (RB_Pos:0)	21.82	21.89	21.77	23.00	20.81	20.93	20.77	22.00
	36 (RB_Pos:20)	21.91	21.92	21.92	23.00	20.94	20.97	20.88	22.00
	36 (RB_Pos:39)	21.93	21.97	21.92	23.00	20.96	21.04	20.95	22.00
	75 (RB_Pos:0)	21.89	21.88	21.83	23.00	20.90	20.91	20.83	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	22.65	22.68	22.57	24.00	21.60	22.07	21.65	23.00
	1 (RB_Pos:25)	22.55	22.61	22.61	24.00	21.62	22.12	21.65	23.00
	1 (RB_Pos:49)	22.58	22.63	22.73	24.00	21.70	22.07	21.80	23.00
	25 (RB_Pos:0)	21.63	21.69	21.62	23.00	20.72	20.74	20.68	22.00
	25 (RB_Pos:12)	21.69	21.76	21.71	23.00	20.75	20.78	20.83	22.00
	25 (RB_Pos:25)	21.69	21.76	21.73	23.00	20.76	20.82	20.85	22.00
	50 (RB_Pos:0)	21.67	21.70	21.63	23.00	20.67	20.76	20.71	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	22.61	22.66	22.61	24.00	21.80	22.22	21.84	23.00
	1 (RB_Pos:13)	22.67	22.77	22.72	24.00	21.88	22.30	21.91	23.00
	1 (RB_Pos:24)	22.59	22.72	22.74	24.00	21.85	22.29	21.86	23.00
	12 (RB_Pos:0)	21.66	21.68	21.64	23.00	20.74	20.85	20.71	22.00
	12 (RB_Pos:6)	21.69	21.75	21.70	23.00	20.82	20.88	20.77	22.00
	12 (RB_Pos:13)	21.72	21.79	21.75	23.00	20.76	20.92	20.81	22.00

	25 (RB_Pos:0)	21.66	21.69	21.72	23.00	20.70	20.77	20.63	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	22.64	22.60	22.64	24.00	21.57	22.05	21.74	23.00
	1 (RB_Pos:8)	22.63	22.72	22.76	24.00	21.64	22.17	21.88	23.00
	1 (RB_Pos:14)	22.65	22.69	22.68	24.00	21.55	22.17	21.84	23.00
	8 (RB_Pos:0)	21.67	21.69	21.72	23.00	20.78	20.77	20.79	22.00
	8 (RB_Pos:3)	21.70	21.72	21.77	23.00	20.82	20.80	20.84	22.00
	8 (RB_Pos:7)	21.69	21.74	21.75	23.00	20.78	20.83	20.79	22.00
	15 (RB_Pos:0)	21.70	21.70	21.74	23.00	20.70	20.71	20.71	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	22.52	22.53	22.57	24.00	21.70	21.94	21.67	23.00
	1 (RB_Pos:3)	22.57	22.65	22.67	24.00	21.81	22.08	21.79	23.00
	1 (RB_Pos:5)	22.50	22.60	22.62	24.00	21.74	22.03	21.75	23.00
	3 (RB_Pos:0)	22.53	22.55	22.62	24.00	21.63	21.85	21.83	23.00
	3 (RB_Pos:1)	22.58	22.63	22.70	24.00	21.69	21.91	21.91	23.00
	3 (RB_Pos:3)	22.52	22.57	22.65	24.00	21.68	21.82	21.85	23.00
	6 (RB_Pos:0)	21.57	21.61	21.70	23.00	20.74	20.49	20.89	22.00

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	22.95	23.13	23.15	23.50	22.48	22.56	22.62	22.50
	1 (RB_Pos:50)	22.90	23.02	23.03	23.50	22.53	22.48	22.50	22.50
	1 (RB_Pos:99)	22.94	23.10	22.92	23.50	22.55	22.59	22.40	22.50
	50 (RB_Pos:0)	22.03	22.07	22.24	22.50	21.09	21.13	21.21	21.50
	50 (RB_Pos:25)	22.09	22.06	22.17	22.50	21.12	21.08	21.16	21.50
	50 (RB_Pos:50)	22.02	22.09	22.11	22.50	21.08	21.11	21.13	21.50
	100 (RB_Pos:0)	22.08	22.03	22.11	22.50	21.13	21.08	21.16	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20025	20175	20325		20025	20175	20325	
15 MHz	1 (RB_Pos:0)	23.07	23.09	23.22	23.50	22.16	22.55	22.78	22.50
	1 (RB_Pos:38)	22.90	22.96	23.04	23.50	21.98	22.39	22.59	22.50
	1 (RB_Pos:74)	22.92	23.01	22.99	23.50	21.90	22.45	22.45	22.50
	36 (RB_Pos:0)	22.01	22.07	22.23	22.50	21.02	21.12	21.22	21.50
	36 (RB_Pos:20)	22.09	22.04	22.15	22.50	21.09	21.11	21.14	21.50
	36 (RB_Pos:39)	22.05	22.07	22.14	22.50	21.07	21.14	21.12	21.50

	75 (RB_Pos:0)	22.06	22.04	22.14	22.50	21.10	21.08	21.14	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	22.89	22.73	23.11	23.50	21.80	22.22	22.11	22.50
	1 (RB_Pos:25)	22.77	22.80	23.02	23.50	21.76	22.26	22.02	22.50
	1 (RB_Pos:49)	22.82	22.82	22.98	23.50	21.81	22.29	21.97	22.50
	25 (RB_Pos:0)	21.81	21.87	22.00	22.50	20.83	20.93	21.12	21.50
	25 (RB_Pos:12)	21.95	21.91	22.10	22.50	21.00	20.94	21.17	21.50
	25 (RB_Pos:25)	21.98	22.02	22.07	22.50	20.98	21.01	21.16	21.50
	50 (RB_Pos:0)	21.97	21.88	22.10	22.50	20.92	20.92	21.12	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	22.66	22.76	22.88	23.50	21.99	22.31	22.11	22.50
	1 (RB_Pos:13)	22.87	22.90	23.01	23.50	22.08	22.49	22.21	22.50
	1 (RB_Pos:24)	22.86	22.93	22.91	23.50	22.08	22.50	22.16	22.50
	12 (RB_Pos:0)	21.82	21.85	21.98	22.50	20.96	21.03	21.05	21.50
	12 (RB_Pos:6)	21.94	21.87	22.05	22.50	21.04	21.09	21.13	21.50
	12 (RB_Pos:13)	21.95	21.97	22.04	22.50	21.03	21.13	21.14	21.50
	25 (RB_Pos:0)	21.93	21.90	22.03	22.50	20.97	20.96	21.00	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	22.66	22.72	22.92	23.50	21.68	22.16	22.01	22.50
	1 (RB_Pos:8)	22.82	22.89	22.97	23.50	21.81	22.34	22.04	22.50
	1 (RB_Pos:14)	22.79	22.85	22.89	23.50	21.73	22.29	21.98	22.50
	8 (RB_Pos:0)	21.87	21.88	22.01	22.50	20.95	20.93	21.09	21.50
	8 (RB_Pos:3)	21.90	21.87	22.02	22.50	21.04	20.99	21.11	21.50
	8 (RB_Pos:7)	21.92	21.94	22.02	22.50	21.02	21.04	21.06	21.50
	15 (RB_Pos:0)	21.83	21.87	22.00	22.50	20.92	20.91	20.97	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	22.60	22.70	22.78	23.50	21.80	22.12	21.91	22.50
	1 (RB_Pos:3)	22.74	22.78	22.85	23.50	21.94	22.27	21.94	22.50
	1 (RB_Pos:5)	22.66	22.73	22.78	23.50	21.91	22.15	21.94	22.50
	3 (RB_Pos:0)	22.70	22.68	22.89	23.50	21.83	21.98	22.08	22.50
	3 (RB_Pos:1)	22.73	22.77	22.91	23.50	21.88	22.08	22.14	22.50
	3 (RB_Pos:3)	22.66	22.72	22.87	23.50	21.84	21.98	22.03	22.50
	6 (RB_Pos:0)	21.73	21.77	21.89	22.50	20.91	20.72	21.09	21.50

FDD LTE Band 5									
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		20450	20525	20600		20450	20525	20600	
10 MHz	1 (RB_Pos:0)	22.72	22.71	22.73	24.50	22.66	23.20	22.77	23.50
	1 (RB_Pos:25)	22.66	22.71	22.71	24.50	22.62	23.12	22.67	23.50
	1 (RB_Pos:49)	22.62	22.64	22.65	24.50	22.64	23.10	22.69	23.50
	25 (RB_Pos:0)	22.70	22.78	22.70	24.50	21.73	21.83	21.81	23.50
	25 (RB_Pos:12)	22.81	22.75	22.76	24.50	21.83	21.85	21.86	23.50
	25 (RB_Pos:25)	22.75	22.81	22.75	24.50	21.82	21.89	21.82	23.50
	50 (RB_Pos:0)	22.82	22.79	22.79	24.50	21.78	21.82	21.81	23.50
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		20425	20525	20625		20425	20525	20625	
5MHz	1 (RB_Pos:0)	22.71	22.82	22.77	24.50	22.91	23.41	23.03	23.50
	1 (RB_Pos:13)	22.74	22.80	22.75	24.50	22.95	23.43	22.99	23.50
	1 (RB_Pos:24)	22.65	22.78	22.67	24.50	22.96	23.37	22.94	23.50
	12 (RB_Pos:0)	22.74	22.83	22.75	24.50	21.83	21.95	21.85	23.50
	12 (RB_Pos:6)	22.79	22.84	22.79	24.50	21.88	21.98	21.85	23.50
	12 (RB_Pos:13)	22.78	22.79	22.74	24.50	21.84	21.93	21.79	23.50
	25 (RB_Pos:0)	22.79	22.74	22.70	24.50	21.81	21.83	21.67	23.50
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		20415	20525	20635		20415	20525	20635	
3.0 MHz	1 (RB_Pos:0)	22.66	22.76	22.67	24.50	22.68	23.18	22.82	23.50
	1 (RB_Pos:8)	22.69	22.81	22.74	24.50	22.76	23.23	22.80	23.50
	1 (RB_Pos:14)	22.63	22.67	22.62	24.50	22.65	23.13	22.69	23.50
	8 (RB_Pos:0)	22.70	22.79	22.67	24.50	21.84	21.88	21.78	23.50
	8 (RB_Pos:3)	22.82	22.82	22.75	24.50	21.88	21.94	21.82	23.50
	8 (RB_Pos:7)	22.76	22.76	22.69	24.50	21.86	21.83	21.74	23.50
	15 (RB_Pos:0)	22.79	22.74	22.74	24.50	21.80	21.82	21.69	23.50
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		20407	20525	20643		20407	20525	20643	
1.4MHz	1 (RB_Pos:0)	22.57	22.61	22.60	24.50	22.81	23.07	22.69	23.50
	1 (RB_Pos:3)	22.65	22.72	22.64	24.50	22.88	23.14	22.74	23.50
	1 (RB_Pos:5)	22.55	22.59	22.51	24.50	22.78	23.14	22.67	23.50
	3 (RB_Pos:0)	22.55	22.59	22.61	24.50	22.77	22.89	22.84	23.50
	3 (RB_Pos:1)	22.60	22.72	22.63	24.50	22.79	22.98	22.85	23.50
	3 (RB_Pos:3)	22.59	22.64	22.58	24.50	22.78	22.89	22.80	23.50
	6 (RB_Pos:0)	22.68	22.70	22.63	24.50	21.78	21.60	21.84	23.50

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	23.59	23.65	23.59	25.00	23.08	23.12	23.06	24.00
	1 (RB_Pos:50)	23.53	23.64	23.52	25.00	23.14	23.26	22.99	24.00
	1 (RB_Pos:99)	23.49	23.60	23.48	25.00	23.17	23.11	22.98	24.00
	50 (RB_Pos:0)	22.58	22.64	22.67	24.00	21.62	21.70	21.66	23.00
	50 (RB_Pos:25)	22.66	22.67	22.64	24.00	21.71	21.71	21.61	23.00
	50 (RB_Pos:50)	22.58	22.70	22.69	24.00	21.68	21.71	21.62	23.00
	100 (RB_Pos:0)	22.65	22.63	22.63	24.00	21.69	21.65	21.66	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	23.54	23.55	23.55	25.00	22.53	23.02	23.07	24.00
	1 (RB_Pos:38)	23.48	23.56	23.50	25.00	22.57	22.99	23.04	24.00
	1 (RB_Pos:74)	23.47	23.45	23.41	25.00	22.48	22.91	22.89	24.00
	36 (RB_Pos:0)	22.49	22.63	22.61	24.00	21.54	21.65	21.60	23.00
	36 (RB_Pos:20)	22.60	22.61	22.67	24.00	21.62	21.61	21.66	23.00
	36 (RB_Pos:39)	22.57	22.62	22.60	24.00	21.57	21.67	21.57	23.00
	75 (RB_Pos:0)	22.55	22.58	22.60	24.00	21.60	21.59	21.64	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	23.26	23.29	23.36	25.00	22.28	22.74	22.38	24.00
	1 (RB_Pos:25)	23.20	23.29	23.29	25.00	22.34	22.78	22.34	24.00
	1 (RB_Pos:49)	23.16	23.20	23.26	25.00	22.25	22.72	22.30	24.00
	25 (RB_Pos:0)	22.39	22.37	22.39	24.00	21.43	21.44	21.50	23.00
	25 (RB_Pos:12)	22.41	22.41	22.43	24.00	21.43	21.43	21.57	23.00
	25 (RB_Pos:25)	22.33	22.43	22.41	24.00	21.39	21.43	21.50	23.00
	50 (RB_Pos:0)	22.42	22.36	22.40	24.00	21.37	21.42	21.48	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	23.28	23.33	23.25	25.00	22.56	22.87	22.52	24.00
	1 (RB_Pos:13)	23.31	23.36	23.31	25.00	22.50	22.95	22.53	24.00
	1 (RB_Pos:24)	23.25	23.32	23.30	25.00	22.48	22.88	22.44	24.00
	12 (RB_Pos:0)	22.38	22.39	22.38	24.00	21.46	21.54	21.45	23.00
	12 (RB_Pos:6)	22.36	22.44	22.40	24.00	21.48	21.58	21.48	23.00
	12 (RB_Pos:13)	22.37	22.46	22.40	24.00	21.45	21.57	21.46	23.00
	25 (RB_Pos:0)	22.39	22.36	22.39	24.00	21.42	21.46	21.32	23.00

FDD LTE Band 12									
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		23060	23095	23130		23060	23095	23130	
10MHz	1 (RB_Pos:0)	22.52	22.48	22.62	24.00	22.37	22.75	22.47	23.00
	1 (RB_Pos:50)	22.55	22.55	22.58	24.00	22.32	22.83	22.40	23.00
	1 (RB_Pos:99)	22.61	22.50	22.57	24.00	22.43	22.78	22.40	23.00
	50 (RB_Pos:0)	22.49	22.43	22.48	24.00	21.48	21.53	21.51	23.00
	50 (RB_Pos:25)	22.51	22.48	22.44	24.00	21.53	21.48	21.57	23.00
	50 (RB_Pos:50)	22.41	22.49	22.45	24.00	21.46	21.46	21.54	23.00
	100 (RB_Pos:0)	22.50	22.44	22.42	24.00	21.49	21.47	21.46	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		23035	23095	23155		23035	23095	23155	
5MHz	1 (RB_Pos:0)	22.57	22.59	22.56	24.00	22.62	23.00	22.57	23.00
	1 (RB_Pos:38)	22.64	22.66	22.65	24.00	22.68	23.04	22.59	23.00
	1 (RB_Pos:74)	22.54	22.64	22.65	24.00	22.62	23.00	22.60	23.00
	36 (RB_Pos:0)	22.45	22.46	22.46	24.00	21.55	21.60	21.55	23.00
	36 (RB_Pos:20)	22.48	22.49	22.50	24.00	21.59	21.65	21.55	23.00
	36 (RB_Pos:39)	22.44	22.46	22.46	24.00	21.51	21.62	21.51	23.00
	75 (RB_Pos:0)	22.46	22.43	22.49	24.00	21.53	21.49	21.43	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		23025	23095	23165		23025	23095	23165	
3MHz	1 (RB_Pos:0)	22.59	22.58	22.59	24.00	22.37	22.90	22.51	23.00
	1 (RB_Pos:25)	22.65	22.63	22.60	24.00	22.45	22.94	22.50	23.00
	1 (RB_Pos:49)	22.57	22.56	22.57	24.00	22.37	22.84	22.43	23.00
	25 (RB_Pos:0)	22.45	22.46	22.44	24.00	21.56	21.53	21.46	23.00
	25 (RB_Pos:12)	22.50	22.50	22.42	24.00	21.60	21.56	21.48	23.00
	25 (RB_Pos:25)	22.44	22.49	22.40	24.00	21.57	21.54	21.45	23.00
	50 (RB_Pos:0)	22.51	22.45	22.39	24.00	21.49	21.50	21.37	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		23017	23095	23173		23017	23095	23173	
1.4MHz	1 (RB_Pos:0)	22.48	22.48	22.43	24.00	22.44	22.72	22.34	23.00
	1 (RB_Pos:13)	22.52	22.54	22.53	24.00	22.54	22.85	22.45	23.00
	1 (RB_Pos:24)	22.46	22.48	22.47	24.00	22.47	22.76	22.36	23.00
	12 (RB_Pos:0)	22.52	22.45	22.47	24.00	22.42	22.52	22.49	23.00
	12 (RB_Pos:6)	22.55	22.55	22.56	24.00	22.46	22.60	22.58	23.00
	12 (RB_Pos:13)	22.48	22.50	22.52	24.00	22.40	22.52	22.49	23.00

	25 (RB_Pos:0)	22.37	22.32	22.36	24.00	21.55	21.25	21.53	23.00
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FDD LTE Band 17									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23780	23790	23800		23780	23790	23800	
10MHz	1 (RB_Pos:0)	22.49	22.48	22.50	24.30	22.75	22.40	22.37	23.30
	1 (RB_Pos:50)	22.55	22.57	22.51	24.30	22.83	22.39	22.48	23.30
	1 (RB_Pos:99)	22.49	22.55	22.53	24.30	22.79	22.39	22.40	23.30
	50 (RB_Pos:0)	22.38	22.38	22.43	24.30	21.43	21.50	21.41	23.30
	50 (RB_Pos:25)	22.49	22.43	22.38	24.30	21.54	21.50	21.43	23.30
	50 (RB_Pos:50)	22.46	22.52	22.48	24.30	21.51	21.59	21.52	23.30
	100 (RB_Pos:0)	22.46	22.41	22.42	24.30	21.51	21.44	21.38	23.30
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23755	23790	23825		23755	23790	23825	
5MHz	1 (RB_Pos:0)	22.49	22.58	22.55	24.30	22.54	22.88	22.52	23.30
	1 (RB_Pos:38)	22.62	22.62	22.59	24.30	22.62	22.95	22.56	23.30
	1 (RB_Pos:74)	22.56	22.63	22.59	24.30	22.70	22.94	22.67	23.30
	36 (RB_Pos:0)	22.39	22.44	22.42	24.30	21.50	21.57	21.48	23.30
	36 (RB_Pos:20)	22.49	22.41	22.41	24.30	21.58	21.58	21.48	23.30
	36 (RB_Pos:39)	22.50	22.44	22.43	24.30	21.57	21.62	21.52	23.30
	75 (RB_Pos:0)	22.46	22.42	22.40	24.30	21.50	21.46	21.36	23.30

TDD LTE Band 26									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	26765	26865	26965		26765	26865	26965	
15MHz	1 (RB_Pos:0)	23.57	23.60	23.61	24.00	22.99	23.31	22.64	23.00
	1 (RB_Pos:50)	23.61	23.55	23.58	24.00	23.02	23.20	22.72	23.00
	1 (RB_Pos:99)	23.60	23.54	23.49	24.00	23.02	23.12	22.47	23.00
	50 (RB_Pos:0)	22.68	22.71	22.67	23.00	21.72	21.72	21.71	22.00
	50 (RB_Pos:25)	22.73	22.71	22.65	23.00	21.77	21.72	21.67	22.00
	50 (RB_Pos:50)	22.68	22.74	22.70	23.00	21.71	21.73	21.67	22.00
	100 (RB_Pos:0)	22.70	22.73	22.62	23.00	21.76	21.71	21.64	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	26740	26865	26990		26740	26865	26990	
10MHz	1 (RB_Pos:0)	23.51	23.56	23.41	24.00	22.55	22.63	22.90	23.00
	1 (RB_Pos:38)	23.43	23.47	23.41	24.00	22.44	22.50	22.88	23.00
	1 (RB_Pos:74)	23.48	23.42	23.34	24.00	22.45	22.55	22.79	23.00

	36 (RB_Pos:0)	22.47	22.57	22.46	23.00	21.59	21.60	21.58	22.00
	36 (RB_Pos:20)	22.60	22.58	22.56	23.00	21.67	21.59	21.56	22.00
	36 (RB_Pos:39)	22.54	22.59	22.45	23.00	21.58	21.60	21.48	22.00
	75 (RB_Pos:0)	22.56	22.54	22.51	23.00	21.57	21.53	21.54	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	26715	26865	27015		26715	26865	27015	
5MHz	1 (RB_Pos:0)	23.49	23.53	23.45	24.00	22.71	23.08	22.69	23.00
	1 (RB_Pos:25)	23.55	23.58	23.51	24.00	22.82	23.21	22.80	23.00
	1 (RB_Pos:49)	23.43	23.53	23.42	24.00	22.76	23.12	22.69	23.00
	25 (RB_Pos:0)	22.59	22.63	22.51	23.00	21.69	21.74	21.58	22.00
	25 (RB_Pos:12)	22.64	22.58	22.47	23.00	21.73	21.75	21.54	22.00
	25 (RB_Pos:25)	22.59	22.57	22.46	23.00	21.64	21.76	21.54	22.00
	50 (RB_Pos:0)	22.63	22.56	22.48	23.00	21.64	21.63	21.43	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	26705	26865	27025		26705	26865	27025	
3MHz	1 (RB_Pos:0)	23.53	23.51	23.49	24.00	22.51	22.97	22.54	23.00
	1 (RB_Pos:13)	23.57	23.61	23.45	24.00	22.69	23.00	22.54	23.00
	1 (RB_Pos:24)	23.46	23.57	23.38	24.00	22.57	22.95	22.47	23.00
	12 (RB_Pos:0)	22.61	22.58	22.53	23.00	21.75	21.69	21.59	22.00
	12 (RB_Pos:6)	22.64	22.65	22.49	23.00	21.75	21.73	21.57	22.00
	12 (RB_Pos:13)	22.59	22.57	22.45	23.00	21.71	21.66	21.50	22.00
	25 (RB_Pos:0)	22.61	22.57	22.48	23.00	21.67	21.63	21.45	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	26697	26865	27033		26697	26865	27033	
1.4MHz	1 (RB_Pos:0)	23.36	23.39	23.31	24.00	22.81	22.51	22.52	23.00
	1 (RB_Pos:13)	23.46	23.47	23.35	24.00	22.89	22.64	22.56	23.00
	1 (RB_Pos:24)	23.38	23.45	23.24	24.00	22.85	22.55	22.46	23.00
	12 (RB_Pos:0)	23.41	23.44	23.29	24.00	22.71	22.69	22.43	23.00
	12 (RB_Pos:6)	23.47	23.52	23.35	24.00	22.67	22.77	22.46	23.00
	12 (RB_Pos:13)	23.41	23.46	23.27	24.00	22.64	22.70	22.40	23.00
	25 (RB_Pos:0)	22.52	22.48	22.40	23.00	21.42	21.69	21.55	22.00

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	22.03	22.11	22.21	24.00	22.41	22.39	22.58	23.00
	1 (RB_Pos:50)	22.02	22.13	22.11	24.00	22.35	22.32	22.46	23.00
	1 (RB_Pos:99)	21.94	21.99	22.04	24.00	22.24	22.25	22.44	23.00

	50 (RB_Pos:0)	22.16	22.26	22.19	24.00	22.13	22.25	22.23	23.00
	50 (RB_Pos:25)	22.19	22.19	22.14	24.00	22.16	22.22	22.17	23.00
	50 (RB_Pos:50)	22.12	22.25	22.11	24.00	22.11	22.26	22.18	23.00
	100 (RB_Pos:0)	22.17	22.20	22.12	24.00	22.17	22.19	22.12	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	22.04	22.13	22.09	24.00	22.30	22.60	22.45	23.00
	1 (RB_Pos:38)	21.99	22.06	22.05	24.00	22.33	22.58	22.34	23.00
	1 (RB_Pos:74)	21.93	22.01	21.98	24.00	22.22	22.47	22.29	23.00
	36 (RB_Pos:0)	22.13	22.20	22.12	24.00	22.09	22.18	22.14	23.00
	36 (RB_Pos:20)	22.16	22.18	22.14	24.00	22.15	22.15	22.19	23.00
	36 (RB_Pos:39)	22.15	22.19	22.09	24.00	22.13	22.17	22.11	23.00
	75 (RB_Pos:0)	22.16	22.16	22.12	24.00	22.17	22.15	22.16	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	21.94	21.95	21.96	24.00	22.31	22.48	22.34	23.00
	1 (RB_Pos:25)	21.84	21.94	21.94	24.00	22.23	22.48	22.23	23.00
	1 (RB_Pos:49)	21.90	21.92	21.92	24.00	22.24	22.41	22.25	23.00
	25 (RB_Pos:0)	22.01	22.00	21.90	24.00	22.02	22.04	21.96	23.00
	25 (RB_Pos:12)	22.00	22.02	21.98	24.00	22.07	22.08	22.07	23.00
	25 (RB_Pos:25)	21.97	22.05	21.96	24.00	22.04	22.10	22.03	23.00
	50 (RB_Pos:0)	22.02	21.99	21.96	24.00	22.02	22.03	22.04	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	21.95	21.97	21.89	24.00	22.22	22.32	22.31	23.00
	1 (RB_Pos:13)	21.95	22.01	21.95	24.00	22.24	22.37	22.39	23.00
	1 (RB_Pos:24)	21.89	21.99	21.90	24.00	22.16	22.33	22.37	23.00
	12 (RB_Pos:0)	22.01	22.00	21.90	24.00	22.11	22.02	22.02	23.00
	12 (RB_Pos:6)	22.00	21.99	21.96	24.00	22.07	22.02	22.08	23.00
	12 (RB_Pos:13)	21.98	22.04	21.95	24.00	22.08	22.06	22.07	23.00
	25 (RB_Pos:0)	21.99	21.97	21.92	24.00	22.05	22.03	21.96	23.00

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	25.40	25.48	25.46	25.50	24.76	24.69	24.88	25.00
	1 (RB_Pos:50)	25.33	25.40	25.40	25.50	24.68	24.58	24.78	25.00
	1 (RB_Pos:99)	25.20	25.36	25.44	25.50	24.53	24.64	24.83	25.00

	50 (RB_Pos:0)	24.46	24.55	24.48	25.00	23.47	23.58	23.50	24.50
	50 (RB_Pos:25)	24.50	24.61	24.49	25.00	23.51	23.63	23.60	24.50
	50 (RB_Pos:50)	24.42	24.52	24.46	25.00	23.44	23.56	23.53	24.50
	100 (RB_Pos:0)	24.50	24.60	24.50	25.00	23.49	23.59	23.52	24.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	25.36	25.48	25.45	25.50	24.67	24.94	24.75	25.00
	1 (RB_Pos:38)	25.28	25.39	25.33	25.50	24.60	24.87	24.66	25.00
	1 (RB_Pos:74)	25.30	25.37	25.40	25.50	24.66	24.82	24.68	25.00
	36 (RB_Pos:0)	24.42	24.48	24.40	25.00	23.38	23.46	23.44	24.50
	36 (RB_Pos:20)	24.49	24.55	24.47	25.00	23.49	23.52	23.51	24.50
	36 (RB_Pos:39)	24.42	24.45	24.43	25.00	23.42	23.50	23.45	24.50
	75 (RB_Pos:0)	24.49	24.50	24.45	25.00	23.47	23.54	23.50	24.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	25.15	25.26	25.23	25.50	24.49	24.72	24.57	25.00
	1 (RB_Pos:25)	25.16	25.24	25.22	25.50	24.50	24.74	24.55	25.00
	1 (RB_Pos:49)	25.18	25.19	25.20	25.50	24.49	24.72	24.60	25.00
	25 (RB_Pos:0)	24.32	24.31	24.23	25.00	23.33	23.29	23.25	24.50
	25 (RB_Pos:12)	24.31	24.40	24.28	25.00	23.32	23.39	23.35	24.50
	25 (RB_Pos:25)	24.26	24.33	24.25	25.00	23.31	23.37	23.30	24.50
	50 (RB_Pos:0)	24.29	24.32	24.15	25.00	23.28	23.39	23.23	24.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	25.19	25.22	25.16	25.50	24.43	24.53	24.57	25.00
	1 (RB_Pos:13)	25.21	25.33	25.27	25.50	24.49	24.67	24.69	25.00
	1 (RB_Pos:24)	25.14	25.25	25.19	25.50	24.42	24.61	24.61	25.00
	12 (RB_Pos:0)	24.28	24.32	24.17	25.00	23.33	23.37	23.29	24.50
	12 (RB_Pos:6)	24.32	24.38	24.27	25.00	23.35	23.40	23.39	24.50
	12 (RB_Pos:13)	24.27	24.34	24.23	25.00	23.33	23.37	23.33	24.50
	25 (RB_Pos:0)	24.25	24.34	24.18	25.00	23.30	23.37	23.25	24.50

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	24.51	24.72	24.63	25.00	24.89	24.81	25.02	25.00
	1 (RB_Pos:50)	24.47	24.52	24.50	25.00	24.79	24.73	24.94	25.00
	1 (RB_Pos:99)	24.33	24.47	24.54	25.00	24.66	24.69	24.95	25.00

	50 (RB_Pos:0)	24.55	24.65	24.60	25.00	23.58	23.67	23.65	25.00
	50 (RB_Pos:25)	24.62	24.72	24.66	25.00	23.63	23.73	23.69	25.00
	50 (RB_Pos:50)	24.50	24.63	24.60	25.00	23.56	23.67	23.65	25.00
	100 (RB_Pos:0)	24.63	24.70	24.62	25.00	23.60	23.70	23.68	25.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	24.47	24.53	24.55	25.00	24.84	24.84	24.86	25.00
	1 (RB_Pos:38)	24.40	24.47	24.47	25.00	24.76	24.77	24.78	25.00
	1 (RB_Pos:74)	24.38	24.46	24.52	25.00	24.70	24.75	24.83	25.00
	36 (RB_Pos:0)	24.52	24.62	24.52	25.00	23.54	23.60	23.57	25.00
	36 (RB_Pos:20)	24.59	24.65	24.57	25.00	23.59	23.64	23.65	25.00
	36 (RB_Pos:39)	24.54	24.59	24.56	25.00	23.53	23.57	23.57	25.00
	75 (RB_Pos:0)	24.58	24.62	24.56	25.00	23.61	23.67	23.58	25.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	24.33	24.36	24.35	25.00	24.61	24.65	24.77	25.00
	1 (RB_Pos:25)	24.30	24.31	24.34	25.00	24.61	24.66	24.65	25.00
	1 (RB_Pos:49)	24.26	24.31	24.29	25.00	24.56	24.62	24.65	25.00
	25 (RB_Pos:0)	24.44	24.44	24.30	25.00	23.46	23.47	23.38	25.00
	25 (RB_Pos:12)	24.43	24.50	24.40	25.00	23.45	23.51	23.47	25.00
	25 (RB_Pos:25)	24.39	24.45	24.37	25.00	23.44	23.48	23.42	25.00
	50 (RB_Pos:0)	24.41	24.48	24.31	25.00	23.41	23.52	23.37	25.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	24.35	24.37	24.28	25.00	24.58	24.68	24.50	25.00
	1 (RB_Pos:13)	24.35	24.44	24.37	25.00	24.62	24.78	24.63	25.00
	1 (RB_Pos:24)	24.30	24.37	24.30	25.00	24.56	24.71	24.55	25.00
	12 (RB_Pos:0)	24.42	24.49	24.30	25.00	23.48	23.47	23.44	25.00
	12 (RB_Pos:6)	24.46	24.48	24.39	25.00	23.49	23.52	23.49	25.00
	12 (RB_Pos:13)	24.41	24.47	24.38	25.00	23.49	23.47	23.48	25.00
	25 (RB_Pos:0)	24.40	24.48	24.29	25.00	23.45	23.51	23.31	25.00

8.4 Intra-Band Uplink CA Normal Power

Note:

1. This device supports intra-band uplink CA of 7C.
2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.52101 section 6.2.2A.1 and section 6.2.2A.2 test procedure.
3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	23.91
21100	21298	20	QPSK	1	High	2	Low	3	23.82
21350	21152	20	QPSK	1	High	2	Low	3	23.85

8.5 WIFI

8.5.1 2.4G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	18.08	20.00	Yes
		6	2437	18.25	20.00	Yes
		11	2462	18.58	20.00	Yes
	802.11g	1	2412	13.24	14.50	No
		6	2437	16.13	17.00	No
		11	2462	16.32	17.00	No
	802.11n(HT20)	1	2412	13.14	14.50	No
		6	2437	16.04	17.00	No
		11	2462	15.68	17.00	No

8.5.2 2.4G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	18.33	20.00	Yes
		6	2437	18.42	20.00	Yes
		11	2462	18.24	20.00	Yes
	802.11g	1	2412	14.02	14.50	No
		6	2437	16.49	16.50	No
		11	2462	16.46	16.50	No
	802.11n(HT20)	1	2412	13.89	14.50	No
		6	2437	16.48	16.50	No
		11	2462	16.42	16.50	No

8.5.3 2.4G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11g	1	2412	16.60	17.50	Yes
		6	2437	19.24	19.50	Yes
		11	2462	18.50	19.50	Yes
	802.11n(HT20)	1	2412	16.44	17.50	No
		6	2437	19.18	19.50	No
		11	2462	17.84	19.50	No

8.5.4 5G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	15.18	17.00	No
		44	5220	16.88	19.50	No
		48	5240	16.83	19.50	No
	802.11n(HT20)	36	5180	16.46	18.00	No
		44	5220	16.38	18.00	No
		48	5240	16.31	18.00	No
	802.11n(HT40)	38	5190	12.83	14.00	No
		46	5230	16.95	18.00	No
	802.11ac(VHT20)	36	5180	16.05	18.00	No
		44	5220	15.88	18.00	No
		48	5240	15.85	18.00	No
	802.11ac(VHT40)	38	5190	12.85	14.00	No
		46	5230	16.53	18.00	No
	802.11ac(VHT80)	42	5210	13.39	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	16.90	19.50	No
		60	5300	16.64	19.50	No
		64	5320	16.63	19.50	No
	802.11n(HT20)	52	5260	16.30	18.00	No
		60	5300	16.05	18.00	No
		64	5320	13.60	15.50	No
	802.11n(HT40)	54	5270	16.83	18.50	No
		62	5310	9.70	12.00	No
	802.11ac(VHT20)	52	5260	15.77	18.00	No
		60	5300	15.61	18.00	No
		64	5320	15.49	18.00	No
	802.11ac(VHT40)	54	5270	16.31	18.00	No
		62	5310	9.75	12.00	No
	802.11ac(VHT80)	58	5290	9.44	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	16.95	19.50	No
		116	5580	16.93	19.50	No
		140	5700	14.71	15.00	No
	802.11n(HT20)	100	5500	15.67	17.50	No
		116	5580	16.14	17.50	No
		140	5700	14.55	15.00	No
	802.11n(HT40)	102	5510	12.02	14.00	No
		118	5590	16.89	17.50	No
		134	5670	17.39	17.50	No
	802.11ac(VHT20)	100	5500	15.23	17.00	No
		116	5580	15.68	17.00	No

	802.11ac(VHT40)	140	5700	16.51	17.00	No
		102	5510	15.76	17.50	No
		118	5590	16.45	17.00	No
		134	5670	16.92	17.00	No
	802.11ac(VHT80)	106	5530	9.03	11.00	No
		122	5690	16.04	17.00	No
5.8 (5.725~5.850)	802.11a	149	5745	11.84	13.50	No
		157	5785	11.93	13.50	No
		165	5825	12.03	13.50	No
	802.11n(HT20)	149	5745	11.62	13.50	No
		157	5785	11.77	13.50	No
		165	5825	11.87	13.50	No
	802.11n(HT40)	151	5755	12.29	13.50	No
		159	5795	12.37	13.50	No
	802.11ac(VHT20)	149	5745	11.63	13.50	No
		157	5785	11.77	13.50	No
		165	5825	11.88	13.50	No
	802.11ac(VHT40)	151	5755	12.28	13.50	No
		159	5795	12.34	13.50	No
	802.11ac(VHT80)	155	5775	11.80	13.50	No

8.5.5 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	16.13	17.00	No
		44	5220	18.06	19.50	No
		48	5240	18.18	19.50	No
	802.11n(HT20)	36	5180	17.32	18.00	No
		44	5220	17.62	18.00	No
		48	5240	17.67	18.00	No
	802.11n(HT40)	38	5190	13.88	14.00	No
		46	5230	18.00	18.00	No
	802.11ac(VHT20)	36	5180	16.85	18.00	No
		44	5220	17.11	18.00	No
		48	5240	17.18	18.00	No
	802.11ac(VHT40)	38	5190	13.86	14.00	No
		46	5230	17.57	18.00	No
	802.11ac(VHT80)	42	5210	13.49	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	18.23	19.50	No
		60	5300	18.15	19.50	No
		64	5320	18.23	19.50	No

	802.11n(HT20)	52	5260	17.64	18.00	No
		60	5300	17.59	18.00	No
		64	5320	15.50	15.50	No
	802.11n(HT40)	54	5270	18.23	18.50	No
		62	5310	11.73	12.00	No
	802.11ac(VHT20)	52	5260	17.12	18.00	No
		60	5300	17.16	18.00	No
		64	5320	17.15	18.00	No
	802.11ac(VHT40)	54	5270	17.71	18.00	No
		62	5310	11.75	12.00	No
	802.11ac(VHT80)	58	5290	11.30	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	18.20	19.50	No
		116	5580	18.15	19.50	No
		140	5700	14.01	15.00	No
	802.11n(HT20)	100	5500	17.30	17.50	No
		116	5580	16.90	17.50	No
		140	5700	13.86	15.00	No
	802.11n(HT40)	102	5510	13.98	14.00	No
		118	5590	17.40	17.50	No
		134	5670	16.78	17.50	No
	802.11ac(VHT20)	100	5500	16.86	17.00	No
		116	5580	16.40	17.00	No
		140	5700	15.59	17.00	No
	802.11ac(VHT40)	102	5510	17.40	17.50	No
		118	5590	16.86	17.00	No
		134	5670	16.26	17.00	No
	802.11ac(VHT80)	106	5530	10.32	11.00	No
		122	5690	16.18	17.00	No
5.8 (5.725~5.850)	802.11a	149	5745	10.93	13.50	No
		157	5785	11.10	13.50	No
		165	5825	10.90	13.50	No
	802.11n(HT20)	149	5745	10.81	13.50	No
		157	5785	10.92	13.50	No
		165	5825	10.73	13.50	No
	802.11n(HT40)	151	5755	11.44	13.50	No
		159	5795	11.55	13.50	No
	802.11ac(VHT20)	149	5745	10.82	13.50	No
		157	5785	10.93	13.50	No
		165	5825	10.71	13.50	No
	802.11ac(VHT40)	151	5755	11.45	13.50	No
		159	5795	11.55	13.50	No
	802.11ac(VHT80)	155	5775	11.52	13.50	No

8.5.6 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	18.65	20.00	Yes
		44	5220	20.52	22.50	Yes
		48	5240	20.54	22.50	Yes
	802.11n(HT20)	36	5180	19.86	21.00	No
		44	5220	20.00	21.00	No
		48	5240	20.02	21.00	No
	802.11n(HT40)	38	5190	16.35	17.00	No
		46	5230	20.43	21.00	No
	802.11ac(VHT20)	36	5180	19.41	21.00	No
		44	5220	19.48	21.00	No
		48	5240	19.54	21.00	No
	802.11ac(VHT40)	38	5190	16.33	17.00	No
		46	5230	20.02	21.00	No
	802.11ac(VHT80)	42	5210	16.93	17.00	No
5.3 (5.25~5.35)	802.11a	52	5260	20.55	22.50	Yes
		60	5300	20.52	22.50	Yes
		64	5320	20.54	22.50	Yes
	802.11n(HT20)	52	5260	19.96	21.00	No
		60	5300	19.84	21.00	No
		64	5320	17.59	18.50	No
	802.11n(HT40)	54	5270	20.54	21.50	No
		62	5310	13.79	15.00	No
	802.11ac(VHT20)	52	5260	19.48	21.00	No
		60	5300	19.39	21.00	No
		64	5320	19.35	21.00	No
	802.11ac(VHT40)	54	5270	20.01	21.00	No
		62	5310	13.83	15.00	No
	802.11ac(VHT80)	58	5290	13.46	15.00	No
5.6 (5.47~5.725)	802.11a	100	5500	20.61	22.50	Yes
		116	5580	20.55	22.50	Yes
		140	5700	17.34	18.00	Yes
	802.11n(HT20)	100	5500	19.02	20.50	No
		116	5580	19.51	20.50	No
		140	5700	17.20	18.00	No
	802.11n(HT40)	102	5510	16.11	17.00	No
		118	5590	20.12	20.50	No
		134	5670	20.06	20.50	No
	802.11ac(VHT20)	100	5500	19.10	20.00	No

		116	5580	19.04	20.00	No
		140	5700	19.02	20.00	No
	802.11ac(VHT40)	102	5510	16.12	17.00	No
		118	5590	19.62	20.00	No
		134	5670	19.57	20.00	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No
		122	5690	19.07	20.00	No
5.8 (5.725~5.850)	802.11a	149	5745	14.37	16.50	No
		157	5785	14.48	16.50	No
		165	5825	14.48	16.50	No
	802.11n(HT20)	149	5745	14.18	16.50	No
		157	5785	14.34	16.50	No
		165	5825	14.30	16.50	No
	802.11n(HT40)	151	5755	14.84	16.50	No
		159	5795	14.96	16.50	No
	802.11ac(VHT20)	149	5745	14.19	16.50	No
		157	5785	14.34	16.50	No
		165	5825	14.33	16.50	No
	802.11ac(VHT40)	151	5755	14.86	16.50	No
		159	5795	14.91	16.50	No
	802.11ac(VHT80)	155	5775	14.61	16.50	Yes

8.6 Bluetooth

Mode	GFSK			$\pi/4$ -DQPSK		
Channel	0	39	78	0	39	78
Frequency (MHz)	2402	2441	2480	2402	2441	2480
Conducted Power (dBm)	12.00	12.22	11.96	12.07	12.10	11.88
Tune-Up Limit (dBm)	13.50			13.50		
Mode	8-DPSK			/		
Channel	0	39	78	/	/	/
Frequency (MHz)	2402	2441	2480	/	/	/
Conducted Power (dBm)	12.30	12.38	12.09	/	/	/
Tune-Up Limit (dBm)	13.50			/		
Mode	BLE (1Mbps)			BLE (2Mbps)		
Channel	0	19	39	0	19	39
Frequency (MHz)	2402	2440	2480	2402	2440	2480
Conducted Power (dBm)	4.73	4.50	4.96	4.92	4.70	5.16
Tune-Up Limit (dBm)	5.50			5.50		

8.7 Power Reduction List

8.7.1 Power Reduced Level 1&5 for ANT 0 and Level 1&2&3&4 for ANT 1 of GSM 850

GSM 850								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	31.67	31.41	31.64	32.50	22.48	22.22	22.45	23.31
GPRS (GMSK, 1-Slot)	31.62	31.28	31.45	32.50	22.43	22.09	22.26	23.31
GPRS (GMSK, 2-Slots)	30.56	30.58	30.38	31.00	24.43	24.45	24.25	24.87
GPRS (GMSK, 3-Slots)	28.18	28.17	28.15	29.00	23.76	23.75	23.73	24.58
GPRS (GMSK, 4-Slots)	26.89	26.97	26.81	27.50	23.71	23.79	23.63	24.32
EGPRS (8PSK, 1-Slot)	28.06	28.11	27.99	30.00	18.87	18.92	18.80	20.81
EGPRS (8PSK, 2-Slots)	25.78	25.96	26.16	28.00	19.65	19.83	20.03	21.87
EGPRS (8PSK, 3-Slots)	23.85	23.99	23.72	26.00	19.43	19.57	19.30	21.58
EGPRS (8PSK, 4-Slots)	22.99	23.13	22.58	24.50	19.81	19.95	19.40	21.32

8.7.2 Power Reduced Level 2&3&4&6&7&8 for ANT 0 of GSM 850

GSM 850								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	29.91	30.04	29.90	30.50	20.72	20.85	20.71	21.31
GPRS (GMSK, 1-Slot)	29.59	30.15	29.95	30.50	20.40	20.96	20.76	21.31
GPRS (GMSK, 2-Slots)	28.73	28.82	28.74	29.00	22.60	22.69	22.61	22.87
GPRS (GMSK, 3-Slots)	26.09	26.45	26.36	27.00	21.67	22.03	21.94	22.58
GPRS (GMSK, 4-Slots)	24.67	24.88	25.10	25.50	21.49	21.70	21.92	22.32
EGPRS (8PSK, 1-Slot)	27.18	27.76	27.37	28.00	17.99	18.57	18.18	18.81
EGPRS (8PSK, 2-Slots)	25.45	25.94	25.40	26.00	19.32	19.81	19.27	19.87
EGPRS (8PSK, 3-Slots)	23.60	23.76	23.32	24.00	19.18	19.34	18.90	19.58
EGPRS (8PSK, 4-Slots)	22.43	22.49	21.86	22.50	19.25	19.31	18.68	19.32

8.7.3 Power Reduced Level 5 for ANT 1 of GSM 850

GSM 850								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	30.56	30.78	30.29	31.00	21.37	21.59	21.10	21.81
GPRS (GMSK, 1-Slot)	30.19	30.31	30.35	31.00	21.00	21.12	21.16	21.81
GPRS (GMSK, 2-Slots)	29.04	29.21	28.92	29.50	22.91	23.08	22.79	23.37
GPRS (GMSK, 3-Slots)	26.73	26.77	26.95	27.50	22.31	22.35	22.53	23.08
GPRS (GMSK, 4-Slots)	25.50	25.28	25.48	26.00	22.32	22.10	22.30	22.82
EGPRS (8PSK, 1-Slot)	28.11	28.12	28.17	28.50	18.92	18.93	18.98	19.31
EGPRS (8PSK, 2-Slots)	26.37	26.25	26.23	26.50	20.24	20.12	20.10	20.37
EGPRS (8PSK, 3-Slots)	24.07	24.36	24.04	24.50	19.65	19.94	19.62	20.08
EGPRS (8PSK, 4-Slots)	22.89	22.86	22.42	23.00	19.71	19.68	19.24	19.82

8.7.4 Power Reduced Level 6&7&8 for ANT 1 of GSM 850

GSM 850								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	28.98	29.14	28.91	29.50	19.79	19.95	19.72	20.31
GPRS (GMSK, 1-Slot)	28.82	28.92	28.88	29.50	19.63	19.73	19.69	20.31
GPRS (GMSK, 2-Slots)	27.57	27.59	27.50	28.00	21.44	21.46	21.37	21.87
GPRS (GMSK, 3-Slots)	25.24	25.53	25.30	26.00	20.82	21.11	20.88	21.58
GPRS (GMSK, 4-Slots)	23.89	23.98	24.13	24.50	20.71	20.80	20.95	21.32
EGPRS (8PSK, 1-Slot)	26.47	26.71	26.53	27.00	17.28	17.52	17.34	17.81
EGPRS (8PSK, 2-Slots)	24.75	24.84	24.68	25.00	18.62	18.71	18.55	18.87
EGPRS (8PSK, 3-Slots)	22.46	22.73	22.57	23.00	18.04	18.31	18.15	18.58
EGPRS (8PSK, 4-Slots)	21.26	21.41	21.01	21.50	18.08	18.23	17.83	18.32

8.7.5 Power Reduced Level 1 for ANT 2 of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	22.50	22.99	22.73	24.00	13.31	13.80	13.54	14.81
GPRS (GMSK, 1-Slot)	22.88	22.87	22.61	24.00	13.69	13.68	13.42	14.81
GPRS (GMSK, 2-Slots)	21.07	21.43	21.28	22.00	14.94	15.30	15.15	15.87
GPRS (GMSK, 3-Slots)	19.20	19.07	18.88	20.00	14.78	14.65	14.46	15.58
GPRS (GMSK, 4-Slots)	17.81	18.08	17.97	19.00	14.63	14.90	14.79	15.82
EGPRS (8PSK, 1-Slot)	22.06	22.69	22.25	23.00	12.87	13.50	13.06	13.81
EGPRS (8PSK, 2-Slots)	20.34	20.43	20.35	21.00	14.21	14.30	14.22	14.87
EGPRS (8PSK, 3-Slots)	18.87	18.18	18.91	19.50	14.45	13.76	14.49	15.08
EGPRS (8PSK, 4-Slots)	18.24	17.86	17.88	18.50	15.06	14.68	14.70	15.32

8.7.6 Power Reduced Level 2 for ANT 2 of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	21.20	21.11	21.23	22.50	12.01	11.92	12.04	13.31
GPRS (GMSK, 1-Slot)	21.15	21.29	21.15	22.50	11.96	12.10	11.96	13.31
GPRS (GMSK, 2-Slots)	19.82	19.87	19.56	20.50	13.69	13.74	13.43	14.37
GPRS (GMSK, 3-Slots)	17.49	17.50	17.30	18.50	13.07	13.08	12.88	14.08
GPRS (GMSK, 4-Slots)	16.20	16.48	16.11	17.50	13.02	13.30	12.93	14.32
EGPRS (8PSK, 1-Slot)	20.42	20.96	20.82	21.50	11.23	11.77	11.63	12.31
EGPRS (8PSK, 2-Slots)	18.74	19.10	18.96	19.50	12.61	12.97	12.83	13.37
EGPRS (8PSK, 3-Slots)	17.19	16.83	17.11	18.00	12.77	12.41	12.69	13.58
EGPRS (8PSK, 4-Slots)	16.40	16.09	16.58	17.00	13.22	12.91	13.40	13.82

8.7.7 Power Reduced Level 3&4&6 for ANT 2 of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	23.01	23.11	22.89	24.50	13.82	13.92	13.70	15.31
GPRS (GMSK, 1-Slot)	23.19	23.06	23.09	24.50	14.00	13.87	13.90	15.31
GPRS (GMSK, 2-Slots)	22.08	22.19	22.04	22.50	15.95	16.06	15.91	16.37
GPRS (GMSK, 3-Slots)	19.34	19.58	19.41	20.50	14.92	15.16	14.99	16.08
GPRS (GMSK, 4-Slots)	18.25	18.47	18.25	19.50	15.07	15.29	15.07	16.32
EGPRS (8PSK, 1-Slot)	22.45	23.12	22.99	23.50	13.26	13.93	13.80	14.31
EGPRS (8PSK, 2-Slots)	20.51	20.76	20.88	21.50	14.38	14.63	14.75	15.37
EGPRS (8PSK, 3-Slots)	19.07	18.70	19.17	20.00	14.65	14.28	14.75	15.58
EGPRS (8PSK, 4-Slots)	18.45	18.03	18.53	19.00	15.27	14.85	15.35	15.82

8.7.8 Power Reduced Level 5 for ANT 2 of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	25.30	25.13	25.00	26.50	16.11	15.94	15.81	17.31
GPRS (GMSK, 1-Slot)	25.13	25.24	24.95	26.50	15.94	16.05	15.76	17.31
GPRS (GMSK, 2-Slots)	23.51	23.59	23.68	24.50	17.38	17.46	17.55	18.37
GPRS (GMSK, 3-Slots)	21.59	21.47	21.20	22.50	17.17	17.05	16.78	18.08
GPRS (GMSK, 4-Slots)	20.24	20.62	20.23	21.50	17.06	17.44	17.05	18.32
EGPRS (8PSK, 1-Slot)	24.57	25.05	24.94	25.50	15.38	15.86	15.75	16.31
EGPRS (8PSK, 2-Slots)	22.68	22.88	23.02	23.50	16.55	16.75	16.89	17.37
EGPRS (8PSK, 3-Slots)	21.25	20.70	21.12	22.00	16.83	16.28	16.70	17.58
EGPRS (8PSK, 4-Slots)	20.43	20.31	20.49	21.00	17.25	17.13	17.31	17.82

8.7.9 Power Reduced Level 7&8 for ANT 2 of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power(dBm)			Tune-up
Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
GSM (GMSK, 1-Slot)	24.23	24.08	24.08	25.50	15.04	14.89	14.89	16.31
GPRS (GMSK, 1-Slot)	23.92	24.10	23.99	25.50	14.73	14.91	14.80	16.31
GPRS (GMSK, 2-Slots)	22.88	22.92	22.84	23.50	16.75	16.79	16.71	17.37
GPRS (GMSK, 3-Slots)	20.28	20.71	20.13	21.50	15.86	16.29	15.71	17.08
GPRS (GMSK, 4-Slots)	19.19	19.42	19.05	20.50	16.01	16.24	15.87	17.32
EGPRS (8PSK, 1-Slot)	23.60	24.08	23.64	24.50	14.41	14.89	14.45	15.31
EGPRS (8PSK, 2-Slots)	21.53	22.05	21.96	22.50	15.40	15.92	15.83	16.37
EGPRS (8PSK, 3-Slots)	20.27	19.89	20.30	21.00	15.85	15.47	15.88	16.58
EGPRS (8PSK, 4-Slots)	19.55	18.92	19.56	20.00	16.37	15.74	16.38	16.82

8.7.10 Power Reduced Level 1 for ANT 2 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	14.93	14.97	14.96	15.00
HSDPA Subtest-1	14.83	14.58	14.81	15.00
HSDPA Subtest-2	14.86	14.52	14.96	15.00
HSDPA Subtest-3	14.33	14.61	14.50	14.50
HSDPA Subtest-4	14.48	14.54	14.49	14.50
HSUPA Subtest-1	14.82	14.50	14.82	15.00
HSUPA Subtest-2	12.49	12.21	12.43	12.50
HSUPA Subtest-3	13.50	13.53	13.48	13.50
HSUPA Subtest-4	12.42	12.30	12.47	12.50
HSUPA Subtest-5	14.84	14.73	14.85	15.00

8.7.11 Power Reduced Level 2 for ANT 2 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	12.82	12.92	12.85	13.00
HSDPA Subtest-1	12.89	12.87	12.83	13.00
HSDPA Subtest-2	12.84	12.86	12.90	13.00
HSDPA Subtest-3	12.34	12.42	12.34	12.50
HSDPA Subtest-4	12.39	12.35	12.39	12.50
HSUPA Subtest-1	12.87	12.89	12.89	13.00
HSUPA Subtest-2	10.58	10.60	10.51	10.50
HSUPA Subtest-3	11.53	11.54	11.56	11.50
HSUPA Subtest-4	10.54	10.52	10.51	10.50
HSUPA Subtest-5	12.90	12.82	12.87	13.00

8.7.12 Power Reduced Level 3&4 for ANT 2 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	13.77	13.82	13.71	14.00
HSDPA Subtest-1	13.69	13.67	13.64	14.00
HSDPA Subtest-2	13.61	13.65	13.67	14.00
HSDPA Subtest-3	13.15	13.12	13.13	13.50
HSDPA Subtest-4	13.14	13.11	13.16	13.50
HSUPA Subtest-1	13.69	13.64	13.64	14.00
HSUPA Subtest-2	11.26	11.29	11.28	11.50
HSUPA Subtest-3	12.33	12.35	12.36	12.50
HSUPA Subtest-4	11.30	11.26	11.26	11.50
HSUPA Subtest-5	13.70	13.62	13.63	14.00

8.7.13 Power Reduced Level 5 for ANT 2 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	17.16	17.28	17.05	17.50
HSDPA Subtest-1	17.11	17.14	17.17	17.50
HSDPA Subtest-2	17.12	17.12	17.18	17.50
HSDPA Subtest-3	16.64	16.67	16.66	17.00
HSDPA Subtest-4	16.63	16.62	16.66	17.00
HSUPA Subtest-1	17.15	17.14	17.14	17.50
HSUPA Subtest-2	14.76	14.78	14.78	15.00
HSUPA Subtest-3	15.86	15.87	15.86	16.00
HSUPA Subtest-4	14.74	14.80	14.78	15.00
HSUPA Subtest-5	17.10	17.13	17.15	17.50

8.7.14 Power Reduced Level 6 for ANT 2 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	15.64	15.72	15.69	16.00
HSDPA Subtest-1	15.60	15.60	15.65	16.00
HSDPA Subtest-2	15.57	15.64	15.64	16.00
HSDPA Subtest-3	15.09	15.08	15.17	15.50
HSDPA Subtest-4	15.12	15.10	15.16	15.50
HSUPA Subtest-1	15.65	15.63	15.58	16.00
HSUPA Subtest-2	13.18	13.25	13.26	13.50
HSUPA Subtest-3	14.31	14.33	14.31	14.50
HSUPA Subtest-4	13.22	13.25	13.24	13.50
HSUPA Subtest-5	15.65	15.66	15.65	16.00

8.7.15 Power Reduced Level 7&8 for ANT 2 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	16.37	16.45	16.32	17.00
HSDPA Subtest-1	16.39	16.38	16.42	17.00
HSDPA Subtest-2	16.41	16.33	16.34	17.00
HSDPA Subtest-3	15.86	15.91	15.90	16.50
HSDPA Subtest-4	15.84	15.89	15.90	16.50
HSUPA Subtest-1	16.35	16.32	16.36	17.00
HSUPA Subtest-2	13.96	13.93	13.93	14.50
HSUPA Subtest-3	15.04	15.08	15.05	15.50
HSUPA Subtest-4	13.96	13.95	14.01	14.50
HSUPA Subtest-5	16.38	16.34	16.36	17.00

8.7.16 Power Reduced Level 6&7&8 for ANT 3 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	20.32	20.41	20.28	21.00
HSDPA Subtest-1	20.34	20.37	20.35	21.00
HSDPA Subtest-2	20.34	20.39	20.38	21.00
HSDPA Subtest-3	19.89	19.92	19.89	20.50
HSDPA Subtest-4	19.88	19.86	19.87	20.50
HSUPA Subtest-1	20.36	20.35	20.41	21.00
HSUPA Subtest-2	17.99	17.97	18.00	18.50
HSUPA Subtest-3	19.11	19.10	19.08	19.50
HSUPA Subtest-4	17.95	18.01	17.98	18.50
HSUPA Subtest-5	20.40	20.36	20.35	21.00

8.7.17 Power Reduced Level 1 for ANT 2 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	15.24	15.24	15.19	15.50
HSDPA Subtest-1	15.22	15.23	15.13	15.50
HSDPA Subtest-2	15.26	15.19	15.10	15.50
HSDPA Subtest-3	14.55	14.66	14.43	15.00
HSDPA Subtest-4	14.63	14.57	14.47	15.00
HSUPA Subtest-1	15.20	15.22	15.18	15.50
HSUPA Subtest-2	12.64	12.68	12.66	13.00
HSUPA Subtest-3	13.69	13.72	13.63	14.00
HSUPA Subtest-4	12.61	12.69	12.66	13.00
HSUPA Subtest-5	15.23	15.28	15.14	15.50

8.7.18 Power Reduced Level 2 for ANT 2 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	13.14	13.18	13.07	13.50
HSDPA Subtest-1	13.19	13.15	13.14	13.50
HSDPA Subtest-2	13.17	13.11	13.14	13.50
HSDPA Subtest-3	12.53	12.56	12.52	13.00
HSDPA Subtest-4	12.53	12.52	12.52	13.00
HSUPA Subtest-1	13.16	13.15	13.13	13.50
HSUPA Subtest-2	10.68	10.61	10.64	11.00
HSUPA Subtest-3	11.55	11.53	11.50	12.00
HSUPA Subtest-4	10.63	10.69	10.67	11.00
HSUPA Subtest-5	13.15	13.12	13.17	13.50

8.7.19 Power Reduced Level 3&4 for ANT 2 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	14.22	14.28	14.15	14.50
HSDPA Subtest-1	14.23	14.26	14.19	14.50
HSDPA Subtest-2	14.24	14.21	14.19	14.50
HSDPA Subtest-3	13.70	13.71	13.71	14.00
HSDPA Subtest-4	13.69	13.70	13.69	14.00
HSUPA Subtest-1	14.19	14.23	14.23	14.50
HSUPA Subtest-2	11.62	11.67	11.62	12.00
HSUPA Subtest-3	12.58	12.66	12.59	13.00
HSUPA Subtest-4	11.65	11.62	11.67	12.00
HSUPA Subtest-5	14.22	14.22	14.20	14.50

8.7.20 Power Reduced Level 5 for ANT 2 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	16.92	17.15	17.03	17.50
HSDPA Subtest-1	17.04	17.03	17.08	17.50
HSDPA Subtest-2	17.07	17.04	17.02	17.50
HSDPA Subtest-3	16.55	16.61	16.57	17.00
HSDPA Subtest-4	16.61	16.58	16.60	17.00
HSUPA Subtest-1	17.08	17.05	17.08	17.50
HSUPA Subtest-2	14.44	14.51	14.43	15.00
HSUPA Subtest-3	15.49	15.50	15.45	16.00
HSUPA Subtest-4	14.48	14.47	14.46	15.00
HSUPA Subtest-5	17.04	17.10	17.07	17.50

8.7.21 Power Reduced Level 6 for ANT 2 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	15.33	15.48	15.37	16.00
HSDPA Subtest-1	15.37	15.43	15.41	16.00
HSDPA Subtest-2	15.43	15.46	15.45	16.00
HSDPA Subtest-3	14.88	14.97	14.94	15.50
HSDPA Subtest-4	14.96	14.94	14.91	15.50
HSUPA Subtest-1	15.47	15.45	15.44	16.00
HSUPA Subtest-2	12.83	12.85	12.80	13.50
HSUPA Subtest-3	13.87	13.85	13.78	14.50
HSUPA Subtest-4	12.84	12.86	12.85	13.50
HSUPA Subtest-5	15.42	15.42	15.47	16.00

8.7.22 Power Reduced Level 7&8 for ANT 2 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	16.31	16.50	16.22	17.00
HSDPA Subtest-1	16.31	16.32	16.28	17.00
HSDPA Subtest-2	16.30	16.30	16.33	17.00
HSDPA Subtest-3	15.85	15.81	15.87	16.50
HSDPA Subtest-4	15.77	15.85	15.84	16.50
HSUPA Subtest-1	16.33	16.32	16.37	17.00
HSUPA Subtest-2	13.75	13.68	13.68	14.50
HSUPA Subtest-3	14.74	14.75	14.75	15.50
HSUPA Subtest-4	13.68	13.76	13.74	14.50
HSUPA Subtest-5	16.33	16.32	16.27	17.00

8.7.23 Power Reduced Level 2&3&4&5&6&7&8 for ANT0 of WCDMA Band 5

WCDMA	Band 5			
Channel	4132	4182	4233	Tune-up Limit (dBm)
RMC 12.2Kbps	21.83	21.89	21.92	22.00
HSDPA Subtest-1	20.85	20.87	20.89	21.00
HSDPA Subtest-2	20.81	20.81	20.85	21.00
HSDPA Subtest-3	20.30	20.31	20.38	20.50
HSDPA Subtest-4	20.37	20.30	20.39	20.50
HSUPA Subtest-1	20.90	20.86	20.84	21.00
HSUPA Subtest-2	18.78	18.79	18.76	19.00
HSUPA Subtest-3	19.92	19.93	19.99	20.00
HSUPA Subtest-4	18.79	18.73	18.79	19.00
HSUPA Subtest-5	20.84	20.89	20.85	21.00

8.7.24 Power Reduced Level 5 for ANT1 of WCDMA Band 5

WCDMA	Band 5			
Channel	4132	4182	4233	Tune-up Limit (dBm)
RMC 12.2Kbps	22.76	22.82	22.71	23.00
HSDPA Subtest-1	21.78	21.73	21.77	22.00
HSDPA Subtest-2	21.74	21.80	21.80	22.00
HSDPA Subtest-3	21.28	21.25	21.25	21.50
HSDPA Subtest-4	21.24	21.30	21.21	21.50
HSUPA Subtest-1	21.73	21.77	21.78	22.00
HSUPA Subtest-2	19.65	19.62	19.63	20.00
HSUPA Subtest-3	20.84	20.80	20.89	21.00
HSUPA Subtest-4	19.68	19.62	19.69	20.00
HSUPA Subtest-5	21.77	21.80	21.76	22.00

8.7.25 Power Reduced Level 6&7&8 for ANT1 of WCDMA Band 5

WCDMA	Band 5			
Channel	4132	4182	4233	Tune-up Limit (dBm)
RMC 12.2Kbps	20.47	20.61	20.55	21.00
HSDPA Subtest-1	19.52	19.55	19.59	20.00
HSDPA Subtest-2	19.57	19.59	19.58	20.00
HSDPA Subtest-3	19.06	19.06	19.08	19.50
HSDPA Subtest-4	19.09	19.06	19.05	19.50
HSUPA Subtest-1	19.53	19.55	19.55	20.00
HSUPA Subtest-2	17.42	17.41	17.47	18.00
HSUPA Subtest-3	18.63	18.63	18.68	19.00
HSUPA Subtest-4	17.46	17.47	17.49	18.00
HSUPA Subtest-5	19.53	19.59	19.52	20.00

8.7.26 Power Reduced Level 1 for ANT2 of LTE Band 2

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	14.04	14.01	13.87	15.00	14.09	14.13	14.02	15.00
	1 (RB_Pos:50)	13.98	14.06	13.74	15.00	14.11	14.03	13.88	15.00
	1 (RB_Pos:99)	14.05	14.01	13.83	15.00	14.16	14.14	13.92	15.00
	50 (RB_Pos:0)	14.07	14.19	14.08	15.00	14.03	14.11	13.94	15.00
	50 (RB_Pos:25)	14.11	14.16	14.10	15.00	14.19	14.14	14.08	15.00
	50 (RB_Pos:50)	14.08	14.18	14.05	15.00	14.17	14.17	14.05	15.00
	100 (RB_Pos:0)	14.09	14.12	13.99	15.00	14.13	14.09	14.01	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	13.95	14.03	13.93	15.00	14.12	14.11	14.09	15.00
	1 (RB_Pos:38)	13.87	14.03	13.84	15.00	14.22	14.14	14.14	15.00
	1 (RB_Pos:74)	14.06	13.95	13.85	15.00	14.28	14.02	14.03	15.00
	36 (RB_Pos:0)	14.02	14.17	14.00	15.00	14.25	14.36	14.14	15.00
	36 (RB_Pos:20)	14.05	14.10	14.08	15.00	14.33	14.37	14.17	15.00
	36 (RB_Pos:39)	14.07	14.19	14.07	15.00	14.30	14.42	14.17	15.00
	75 (RB_Pos:0)	14.04	14.18	14.04	15.00	14.31	14.33	14.15	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	13.98	14.15	13.96	15.00	13.71	14.20	13.70	15.00
	1 (RB_Pos:25)	13.91	14.08	13.95	15.00	13.64	14.20	13.66	15.00
	1 (RB_Pos:49)	14.01	14.04	13.93	15.00	13.64	14.18	13.70	15.00
	25 (RB_Pos:0)	14.10	14.19	14.05	15.00	13.65	13.84	13.75	15.00
	25 (RB_Pos:12)	14.09	14.19	14.06	15.00	13.82	13.87	13.75	15.00
	25 (RB_Pos:25)	14.08	14.26	14.02	15.00	13.86	13.88	13.74	15.00
	50 (RB_Pos:0)	14.09	14.14	14.06	15.00	13.71	13.83	13.65	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	13.87	14.10	14.09	15.00	13.84	13.93	14.26	15.00
	1 (RB_Pos:13)	13.81	14.11	14.02	15.00	13.87	14.03	14.24	15.00
	1 (RB_Pos:24)	13.80	14.10	14.06	15.00	13.92	14.01	14.20	15.00
	12 (RB_Pos:0)	14.08	14.16	14.09	15.00	13.78	13.82	13.77	15.00
	12 (RB_Pos:6)	14.10	14.16	14.10	15.00	13.81	13.87	13.83	15.00
	12 (RB_Pos:13)	14.06	14.22	14.14	15.00	13.81	13.90	13.80	15.00

	25 (RB_Pos:0)	14.12	14.18	14.12	15.00	13.69	13.82	13.72	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	14.04	14.09	14.02	15.00	13.75	13.67	14.01	15.00
	1 (RB_Pos:8)	14.10	14.13	13.99	15.00	13.78	13.82	14.13	15.00
	1 (RB_Pos:14)	14.06	14.10	13.96	15.00	13.78	13.74	14.08	15.00
	8 (RB_Pos:0)	14.05	14.16	14.09	15.00	13.79	13.88	13.77	15.00
	8 (RB_Pos:3)	14.05	14.17	14.09	15.00	13.77	13.89	13.79	15.00
	8 (RB_Pos:7)	14.06	14.12	14.06	15.00	13.76	13.93	13.77	15.00
	15 (RB_Pos:0)	14.06	14.15	14.08	15.00	13.66	13.81	13.69	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	13.86	13.99	13.89	15.00	13.76	14.07	13.60	15.00
	1 (RB_Pos:3)	13.90	14.08	13.91	15.00	13.86	14.17	13.67	15.00
	1 (RB_Pos:5)	13.89	14.02	13.92	15.00	13.79	14.08	13.63	15.00
	3 (RB_Pos:0)	13.85	13.99	13.89	15.00	13.66	13.88	13.73	15.00
	3 (RB_Pos:1)	13.90	14.09	13.93	15.00	13.72	13.94	13.79	15.00
	3 (RB_Pos:3)	13.84	14.00	13.90	15.00	13.62	13.96	13.75	15.00
	6 (RB_Pos:0)	13.98	14.06	13.95	15.00	13.80	13.62	13.74	15.00

8.7.27 Power Reduced Level 2&3&4 for ANT2 of LTE Band 2

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	13.49	13.45	13.29	14.50	13.52	13.33	13.58	14.50
	1 (RB_Pos:50)	13.20	13.55	13.52	14.50	13.45	13.42	13.44	14.50
	1 (RB_Pos:99)	13.27	13.35	13.35	14.50	13.41	13.21	13.56	14.50
	50 (RB_Pos:0)	13.54	13.36	13.59	14.50	13.30	13.34	13.28	14.50
	50 (RB_Pos:25)	13.56	13.20	13.23	14.50	13.23	13.50	13.20	14.50
	50 (RB_Pos:50)	13.43	13.33	13.52	14.50	13.23	13.59	13.57	14.50
	100 (RB_Pos:0)	13.21	13.39	13.29	14.50	13.25	13.41	13.34	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	13.48	13.36	13.56	14.50	13.58	13.56	13.33	14.50
	1 (RB_Pos:38)	13.47	13.50	13.29	14.50	13.50	13.42	13.45	14.50
	1 (RB_Pos:74)	13.28	13.52	13.52	14.50	13.60	13.37	13.24	14.50
	36 (RB_Pos:0)	13.44	13.27	13.28	14.50	13.49	13.32	13.25	14.50

	36 (RB_Pos:20)	13.52	13.44	13.20	14.50	13.35	13.44	13.21	14.50
	36 (RB_Pos:39)	13.38	13.43	13.46	14.50	13.59	13.29	13.51	14.50
	75 (RB_Pos:0)	13.33	13.57	13.30	14.50	13.57	13.23	13.58	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	13.47	13.59	13.58	14.50	13.38	13.39	13.57	14.50
	1 (RB_Pos:25)	13.25	13.21	13.31	14.50	13.29	13.40	13.23	14.50
	1 (RB_Pos:49)	13.36	13.29	13.24	14.50	13.27	13.27	13.47	14.50
	25 (RB_Pos:0)	13.56	13.49	13.21	14.50	13.34	13.44	13.24	14.50
	25 (RB_Pos:12)	13.56	13.33	13.58	14.50	13.44	13.43	13.39	14.50
	25 (RB_Pos:25)	13.20	13.56	13.51	14.50	13.45	13.25	13.57	14.50
	50 (RB_Pos:0)	13.38	13.57	13.43	14.50	13.20	13.24	13.40	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	13.21	13.36	13.47	14.50	13.57	13.57	13.45	14.50
	1 (RB_Pos:13)	13.51	13.58	13.47	14.50	13.23	13.37	13.20	14.50
	1 (RB_Pos:24)	13.27	13.32	13.30	14.50	13.24	13.44	13.44	14.50
	12 (RB_Pos:0)	13.52	13.48	13.32	14.50	13.47	13.55	13.46	14.50
	12 (RB_Pos:6)	13.48	13.48	13.33	14.50	13.26	13.39	13.43	14.50
	12 (RB_Pos:13)	13.43	13.52	13.24	14.50	13.58	13.35	13.20	14.50
	25 (RB_Pos:0)	13.38	13.20	13.33	14.50	13.38	13.54	13.26	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	13.45	13.53	13.27	14.50	13.50	13.42	13.37	14.50
	1 (RB_Pos:8)	13.28	13.36	13.50	14.50	13.21	13.32	13.42	14.50
	1 (RB_Pos:14)	13.56	13.35	13.44	14.50	13.21	13.35	13.32	14.50
	8 (RB_Pos:0)	13.29	13.38	13.41	14.50	13.52	13.21	13.27	14.50
	8 (RB_Pos:3)	13.39	13.58	13.53	14.50	13.57	13.28	13.33	14.50
	8 (RB_Pos:7)	13.38	13.33	13.43	14.50	13.47	13.44	13.56	14.50
	15 (RB_Pos:0)	13.39	13.58	13.55	14.50	13.41	13.29	13.43	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	13.30	13.21	13.52	14.50	13.52	13.42	13.59	14.50
	1 (RB_Pos:3)	13.40	13.56	13.24	14.50	13.38	13.29	13.22	14.50
	1 (RB_Pos:5)	13.48	13.40	13.32	14.50	13.47	13.24	13.31	14.50
	3 (RB_Pos:0)	13.34	13.57	13.39	14.50	13.33	13.23	13.47	14.50
	3 (RB_Pos:1)	13.45	13.55	13.32	14.50	13.34	13.30	13.52	14.50
	3 (RB_Pos:3)	13.48	13.30	13.33	14.50	13.26	13.38	13.50	14.50

	6 (RB_Pos:0)	13.46	13.37	13.40	14.50	13.23	13.53	13.45	14.50
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8.7.28 Power Reduced Level 5 for ANT2 of LTE Band 2

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	18.20	18.20	18.28	19.00	18.01	18.19	18.04	19.00
	1 (RB_Pos:50)	18.22	18.14	18.18	19.00	18.03	18.35	18.15	19.00
	1 (RB_Pos:99)	18.24	18.32	18.31	19.00	18.20	18.05	18.03	19.00
	50 (RB_Pos:0)	18.07	18.29	18.27	19.00	18.10	18.02	18.24	19.00
	50 (RB_Pos:25)	18.03	18.38	18.02	19.00	18.00	18.37	18.01	19.00
	50 (RB_Pos:50)	18.32	18.24	18.12	19.00	18.22	18.07	18.30	19.00
	100 (RB_Pos:0)	18.14	18.06	18.26	19.00	18.37	18.40	18.06	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	18.29	18.16	18.04	19.00	18.05	18.38	18.07	19.00
	1 (RB_Pos:38)	18.27	18.35	18.37	19.00	18.29	18.14	18.26	19.00
	1 (RB_Pos:74)	18.39	18.15	18.22	19.00	18.24	18.29	18.13	19.00
	36 (RB_Pos:0)	18.19	18.16	18.04	19.00	18.23	18.33	18.21	19.00
	36 (RB_Pos:20)	18.01	18.24	18.29	19.00	18.36	18.30	18.15	19.00
	36 (RB_Pos:39)	18.33	18.37	18.15	19.00	18.31	18.19	18.34	19.00
	75 (RB_Pos:0)	18.11	18.18	18.21	19.00	18.14	18.15	18.33	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	18.39	18.04	18.18	19.00	18.07	18.29	18.28	19.00
	1 (RB_Pos:25)	18.31	18.03	18.40	19.00	18.20	18.11	18.21	19.00
	1 (RB_Pos:49)	18.10	18.28	18.36	19.00	18.07	18.29	18.33	19.00
	25 (RB_Pos:0)	18.27	18.28	18.21	19.00	18.00	18.26	18.30	19.00
	25 (RB_Pos:12)	18.18	18.34	18.06	19.00	18.34	18.13	18.29	19.00
	25 (RB_Pos:25)	18.15	18.11	18.30	19.00	18.01	18.15	18.18	19.00
	50 (RB_Pos:0)	18.01	18.32	18.18	19.00	18.14	18.23	18.15	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	18.04	18.25	18.24	19.00	18.23	18.12	18.09	19.00
	1 (RB_Pos:13)	18.25	18.02	18.26	19.00	18.16	18.37	18.34	19.00
	1 (RB_Pos:24)	18.18	18.28	18.11	19.00	18.26	18.35	18.38	19.00
	12 (RB_Pos:0)	18.20	18.13	18.26	19.00	18.37	18.21	18.19	19.00
	12 (RB_Pos:6)	18.15	18.19	18.29	19.00	18.08	18.25	18.02	19.00

	12 (RB_Pos:13)	18.12	18.21	18.20	19.00	18.18	18.28	18.37	19.00
	25 (RB_Pos:0)	18.19	18.21	18.38	19.00	18.12	18.14	18.30	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	18.38	18.36	18.16	19.00	18.30	18.00	18.01	19.00
	1 (RB_Pos:8)	18.07	18.26	18.27	19.00	18.04	18.07	18.18	19.00
	1 (RB_Pos:14)	18.15	18.16	18.12	19.00	18.07	18.36	18.26	19.00
	8 (RB_Pos:0)	18.12	18.01	18.22	19.00	18.02	18.33	18.34	19.00
	8 (RB_Pos:3)	18.23	18.16	18.18	19.00	18.35	18.26	18.05	19.00
	8 (RB_Pos:7)	18.16	18.04	18.22	19.00	18.22	18.29	18.23	19.00
	15 (RB_Pos:0)	18.24	18.35	18.06	19.00	18.40	18.25	18.39	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	18.19	18.06	18.05	19.00	18.11	18.01	18.32	19.00
	1 (RB_Pos:3)	18.23	18.30	18.13	19.00	18.11	18.17	18.36	19.00
	1 (RB_Pos:5)	18.06	18.37	18.02	19.00	18.11	18.11	18.33	19.00
	3 (RB_Pos:0)	18.30	18.36	18.31	19.00	18.09	18.14	18.31	19.00
	3 (RB_Pos:1)	18.22	18.31	18.12	19.00	18.13	18.37	18.03	19.00
	3 (RB_Pos:3)	18.35	18.11	18.24	19.00	18.14	18.08	18.37	19.00
	6 (RB_Pos:0)	18.20	18.29	18.02	19.00	18.13	18.28	18.27	19.00

8.7.29 Power Reduced Level 6 for ANT2 of LTE Band 2

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	16.52	16.59	16.63	17.50	16.75	16.62	16.45	17.50
	1 (RB_Pos:50)	16.66	16.50	16.56	17.50	16.46	16.70	16.47	17.50
	1 (RB_Pos:99)	16.40	16.58	16.60	17.50	16.54	16.51	16.42	17.50
	50 (RB_Pos:0)	16.61	16.66	16.50	17.50	16.43	16.60	16.52	17.50
	50 (RB_Pos:25)	16.51	16.69	16.44	17.50	16.57	16.41	16.67	17.50
	50 (RB_Pos:50)	16.46	16.50	16.45	17.50	16.59	16.78	16.46	17.50
	100 (RB_Pos:0)	16.45	16.80	16.76	17.50	16.63	16.61	16.40	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	16.66	16.77	16.54	17.50	16.79	16.67	16.60	17.50
	1 (RB_Pos:38)	16.64	16.48	16.76	17.50	16.69	16.66	16.51	17.50
	1 (RB_Pos:74)	16.44	16.43	16.52	17.50	16.55	16.52	16.42	17.50

	36 (RB_Pos:0)	16.49	16.66	16.42	17.50	16.41	16.53	16.61	17.50
	36 (RB_Pos:20)	16.74	16.72	16.70	17.50	16.41	16.62	16.55	17.50
	36 (RB_Pos:39)	16.46	16.67	16.80	17.50	16.41	16.75	16.50	17.50
	75 (RB_Pos:0)	16.42	16.43	16.72	17.50	16.74	16.43	16.75	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	16.42	16.40	16.56	17.50	16.79	16.50	16.68	17.50
	1 (RB_Pos:25)	16.42	16.50	16.66	17.50	16.72	16.56	16.48	17.50
	1 (RB_Pos:49)	16.51	16.59	16.63	17.50	16.68	16.75	16.45	17.50
	25 (RB_Pos:0)	16.58	16.74	16.57	17.50	16.41	16.70	16.71	17.50
	25 (RB_Pos:12)	16.40	16.49	16.67	17.50	16.73	16.47	16.72	17.50
	25 (RB_Pos:25)	16.53	16.48	16.68	17.50	16.63	16.68	16.74	17.50
	50 (RB_Pos:0)	16.67	16.61	16.72	17.50	16.53	16.60	16.47	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	16.46	16.49	16.69	17.50	16.49	16.40	16.59	17.50
	1 (RB_Pos:13)	16.70	16.53	16.68	17.50	16.65	16.54	16.44	17.50
	1 (RB_Pos:24)	16.47	16.67	16.64	17.50	16.74	16.78	16.65	17.50
	12 (RB_Pos:0)	16.49	16.69	16.72	17.50	16.76	16.70	16.64	17.50
	12 (RB_Pos:6)	16.71	16.46	16.71	17.50	16.75	16.41	16.41	17.50
	12 (RB_Pos:13)	16.58	16.55	16.59	17.50	16.63	16.68	16.67	17.50
	25 (RB_Pos:0)	16.57	16.52	16.40	17.50	16.73	16.50	16.70	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	16.72	16.56	16.67	17.50	16.48	16.56	16.43	17.50
	1 (RB_Pos:8)	16.74	16.54	16.76	17.50	16.48	16.69	16.68	17.50
	1 (RB_Pos:14)	16.77	16.74	16.45	17.50	16.56	16.49	16.55	17.50
	8 (RB_Pos:0)	16.58	16.70	16.63	17.50	16.68	16.62	16.55	17.50
	8 (RB_Pos:3)	16.44	16.64	16.75	17.50	16.44	16.44	16.58	17.50
	8 (RB_Pos:7)	16.57	16.41	16.61	17.50	16.48	16.56	16.43	17.50
	15 (RB_Pos:0)	16.46	16.65	16.41	17.50	16.47	16.73	16.68	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	16.62	16.75	16.59	17.50	16.40	16.48	16.68	17.50
	1 (RB_Pos:3)	16.65	16.78	16.72	17.50	16.57	16.75	16.70	17.50
	1 (RB_Pos:5)	16.80	16.61	16.78	17.50	16.60	16.55	16.45	17.50
	3 (RB_Pos:0)	16.79	16.52	16.72	17.50	16.55	16.47	16.72	17.50
	3 (RB_Pos:1)	16.68	16.80	16.58	17.50	16.59	16.73	16.41	17.50

	3 (RB_Pos:3)	16.60	16.68	16.64	17.50	16.49	16.64	16.77	17.50
	6 (RB_Pos:0)	16.78	16.44	16.55	17.50	16.69	16.52	16.80	17.50

8.7.30 Power Reduced Level 7&8 for ANT2 of LTE Band 2

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	17.76	17.97	17.87	18.50	17.61	17.88	17.87	18.50
	1 (RB_Pos:50)	17.65	17.77	17.63	18.50	17.64	17.83	17.78	18.50
	1 (RB_Pos:99)	17.76	17.63	17.80	18.50	17.79	17.62	17.82	18.50
	50 (RB_Pos:0)	17.80	17.74	17.85	18.50	17.74	17.91	17.74	18.50
	50 (RB_Pos:25)	17.86	17.89	17.79	18.50	17.71	17.95	17.89	18.50
	50 (RB_Pos:50)	17.83	17.70	17.77	18.50	17.98	17.85	17.77	18.50
	100 (RB_Pos:0)	17.64	17.77	17.68	18.50	17.90	17.89	17.93	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	17.72	17.75	17.93	18.50	17.70	17.66	17.61	18.50
	1 (RB_Pos:38)	17.62	17.99	17.76	18.50	17.75	17.98	17.81	18.50
	1 (RB_Pos:74)	17.90	17.79	17.60	18.50	17.92	17.63	17.77	18.50
	36 (RB_Pos:0)	17.96	17.83	17.94	18.50	17.76	17.96	17.82	18.50
	36 (RB_Pos:20)	17.62	17.93	17.65	18.50	17.93	17.86	17.61	18.50
	36 (RB_Pos:39)	17.88	17.98	17.91	18.50	17.80	17.90	17.74	18.50
	75 (RB_Pos:0)	17.61	17.96	17.90	18.50	17.95	17.94	17.66	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	17.95	17.68	17.62	18.50	17.68	17.80	17.93	18.50
	1 (RB_Pos:25)	17.91	17.64	17.70	18.50	17.82	17.66	17.77	18.50
	1 (RB_Pos:49)	17.99	17.97	17.73	18.50	17.63	17.97	17.66	18.50
	25 (RB_Pos:0)	17.75	17.89	17.63	18.50	17.75	17.79	17.73	18.50
	25 (RB_Pos:12)	17.91	17.82	17.96	18.50	17.67	17.85	17.80	18.50
	25 (RB_Pos:25)	17.72	17.92	17.99	18.50	17.85	17.95	17.98	18.50
	50 (RB_Pos:0)	17.86	17.94	17.73	18.50	17.97	17.86	17.65	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	17.70	17.96	17.72	18.50	17.95	17.94	17.89	18.50
	1 (RB_Pos:13)	18.00	18.00	17.99	18.50	17.84	17.94	17.89	18.50
	1 (RB_Pos:24)	17.83	17.96	17.78	18.50	17.64	17.93	17.69	18.50
	12 (RB_Pos:0)	17.90	17.95	17.75	18.50	17.64	17.74	17.95	18.50

	12 (RB_Pos:6)	17.62	17.63	17.79	18.50	17.71	17.67	17.79	18.50
	12 (RB_Pos:13)	17.76	17.98	17.86	18.50	17.69	17.91	17.90	18.50
	25 (RB_Pos:0)	17.68	17.91	17.97	18.50	17.94	18.00	17.83	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	17.89	17.81	17.82	18.50	17.81	17.62	17.75	18.50
	1 (RB_Pos:8)	17.91	17.79	17.74	18.50	17.78	17.69	17.66	18.50
	1 (RB_Pos:14)	17.80	17.90	17.87	18.50	17.69	17.81	17.80	18.50
	8 (RB_Pos:0)	17.83	17.82	17.90	18.50	17.88	17.99	17.90	18.50
	8 (RB_Pos:3)	17.83	17.92	17.74	18.50	17.95	17.61	18.00	18.50
	8 (RB_Pos:7)	17.76	17.89	17.69	18.50	17.62	17.67	17.72	18.50
	15 (RB_Pos:0)	17.78	17.64	17.86	18.50	17.98	17.63	17.90	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	17.93	17.85	17.76	18.50	17.88	17.66	17.80	18.50
	1 (RB_Pos:3)	17.97	17.86	17.98	18.50	17.64	17.88	17.92	18.50
	1 (RB_Pos:5)	17.81	17.63	17.73	18.50	17.99	17.90	17.65	18.50
	3 (RB_Pos:0)	18.00	17.89	17.82	18.50	17.96	17.94	17.76	18.50
	3 (RB_Pos:1)	17.89	17.77	17.88	18.50	17.62	17.87	17.64	18.50
	3 (RB_Pos:3)	17.66	17.96	17.93	18.50	17.71	17.94	17.92	18.50
	6 (RB_Pos:0)	17.79	17.84	17.77	18.50	17.66	17.80	17.70	18.50

8.7.31 Power Reduced Level 6&7&8 for ANT3 of LTE Band 2

FDD LTE Band 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18700	18900	19100		18700	18900	19100	
20 MHz	1 (RB_Pos:0)	21.79	21.81	21.70	23.00	21.51	21.88	21.79	23.00
	1 (RB_Pos:50)	21.84	21.67	21.69	23.00	21.57	21.79	21.66	23.00
	1 (RB_Pos:99)	21.88	21.79	21.53	23.00	21.73	21.65	21.56	23.00
	50 (RB_Pos:0)	21.76	21.64	21.55	23.00	21.73	21.57	21.58	23.00
	50 (RB_Pos:25)	21.64	21.81	21.76	23.00	21.70	21.51	21.86	23.00
	50 (RB_Pos:50)	21.62	21.70	21.72	23.00	21.82	21.54	21.51	23.00
	100 (RB_Pos:0)	21.54	21.84	21.58	23.00	21.62	21.58	21.55	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18675	18900	19125		18675	18900	19125	
15 MHz	1 (RB_Pos:0)	21.80	21.82	21.78	23.00	21.72	21.61	21.84	23.00
	1 (RB_Pos:38)	21.68	21.55	21.51	23.00	21.51	21.86	21.64	23.00

	1 (RB_Pos:74)	21.68	21.70	21.87	23.00	21.76	21.72	21.52	23.00
	36 (RB_Pos:0)	21.75	21.69	21.67	23.00	21.78	21.70	21.86	23.00
	36 (RB_Pos:20)	21.50	21.61	21.70	23.00	21.77	21.51	21.83	23.00
	36 (RB_Pos:39)	21.64	21.76	21.61	23.00	21.89	21.57	21.54	23.00
	75 (RB_Pos:0)	21.59	21.90	21.62	23.00	21.69	21.73	21.90	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18650	18900	19150		18650	18900	19150	
10 MHz	1 (RB_Pos:0)	21.82	21.87	21.72	23.00	21.82	21.73	21.69	23.00
	1 (RB_Pos:25)	21.50	21.66	21.65	23.00	21.50	21.50	21.67	23.00
	1 (RB_Pos:49)	21.58	21.58	21.58	23.00	21.53	21.62	21.88	23.00
	25 (RB_Pos:0)	21.82	21.82	21.71	23.00	21.66	21.87	21.80	23.00
	25 (RB_Pos:12)	21.54	21.79	21.53	23.00	21.81	21.78	21.78	23.00
	25 (RB_Pos:25)	21.63	21.77	21.81	23.00	21.60	21.63	21.64	23.00
	50 (RB_Pos:0)	21.59	21.74	21.74	23.00	21.53	21.61	21.54	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18625	18900	19175		18625	18900	19175	
5 MHz	1 (RB_Pos:0)	21.87	21.58	21.79	23.00	21.83	21.81	21.80	23.00
	1 (RB_Pos:13)	21.63	21.59	21.70	23.00	21.63	21.79	21.82	23.00
	1 (RB_Pos:24)	21.85	21.63	21.53	23.00	21.82	21.81	21.75	23.00
	12 (RB_Pos:0)	21.54	21.75	21.90	23.00	21.68	21.61	21.87	23.00
	12 (RB_Pos:6)	21.54	21.89	21.76	23.00	21.70	21.68	21.87	23.00
	12 (RB_Pos:13)	21.71	21.78	21.90	23.00	21.81	21.73	21.72	23.00
	25 (RB_Pos:0)	21.56	21.63	21.83	23.00	21.72	21.84	21.76	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18615	18900	19185		18615	18900	19185	
3.0 MHz	1 (RB_Pos:0)	21.59	21.85	21.60	23.00	21.57	21.81	21.64	23.00
	1 (RB_Pos:8)	21.57	21.57	21.61	23.00	21.73	21.72	21.74	23.00
	1 (RB_Pos:14)	21.60	21.53	21.88	23.00	21.63	21.62	21.61	23.00
	8 (RB_Pos:0)	21.82	21.71	21.55	23.00	21.55	21.82	21.76	23.00
	8 (RB_Pos:3)	21.90	21.60	21.79	23.00	21.87	21.60	21.52	23.00
	8 (RB_Pos:7)	21.75	21.66	21.81	23.00	21.69	21.89	21.62	23.00
	15 (RB_Pos:0)	21.77	21.89	21.74	23.00	21.54	21.63	21.59	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	18607	18900	19193		18607	18900	19193	
1.4 MHz	1 (RB_Pos:0)	21.83	21.87	21.83	23.00	21.78	21.78	21.83	23.00
	1 (RB_Pos:3)	21.71	21.90	21.85	23.00	21.80	21.73	21.62	23.00
	1 (RB_Pos:5)	21.87	21.56	21.52	23.00	21.84	21.79	21.77	23.00
	3 (RB_Pos:0)	21.54	21.76	21.89	23.00	21.80	21.89	21.78	23.00

	3 (RB_Pos:1)	21.84	21.78	21.67	23.00	21.65	21.78	21.52	23.00
	3 (RB_Pos:3)	21.51	21.56	21.83	23.00	21.78	21.70	21.86	23.00
	6 (RB_Pos:0)	21.60	21.72	21.71	23.00	21.76	21.83	21.71	23.00

8.7.32 Power Reduced Level 1-ANT 2 of LTE Band 4

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	14.64	14.61	14.54	15.50	14.54	14.83	14.74	15.50
	1 (RB_Pos:50)	14.75	14.80	14.72	15.50	14.82	14.59	14.85	15.50
	1 (RB_Pos:99)	14.61	14.62	14.73	15.50	14.86	14.69	14.54	15.50
	50 (RB_Pos:0)	14.50	14.67	14.66	15.50	14.89	14.68	14.53	15.50
	50 (RB_Pos:25)	14.62	14.80	14.60	15.50	14.51	14.52	14.70	15.50
	50 (RB_Pos:50)	14.51	14.75	14.83	15.50	14.76	14.61	14.90	15.50
	100 (RB_Pos:0)	14.52	14.66	14.61	15.50	14.75	14.80	14.74	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20025	20175	20325		20025	20175	20325	
15 MHz	1 (RB_Pos:0)	14.56	14.62	14.66	15.50	14.83	14.59	14.89	15.50
	1 (RB_Pos:38)	14.77	14.75	14.82	15.50	14.72	14.50	14.70	15.50
	1 (RB_Pos:74)	14.85	14.80	14.64	15.50	14.63	14.63	14.81	15.50
	36 (RB_Pos:0)	14.84	14.61	14.70	15.50	14.84	14.86	14.59	15.50
	36 (RB_Pos:20)	14.72	14.64	14.61	15.50	14.69	14.88	14.73	15.50
	36 (RB_Pos:39)	14.56	14.63	14.63	15.50	14.78	14.73	14.85	15.50
	75 (RB_Pos:0)	14.56	14.86	14.64	15.50	14.89	14.67	14.65	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	14.84	14.52	14.63	15.50	14.87	14.83	14.60	15.50
	1 (RB_Pos:25)	14.87	14.55	14.52	15.50	14.78	14.64	14.67	15.50
	1 (RB_Pos:49)	14.58	14.85	14.57	15.50	14.57	14.70	14.67	15.50
	25 (RB_Pos:0)	14.72	14.64	14.90	15.50	14.71	14.62	14.81	15.50
	25 (RB_Pos:12)	14.86	14.80	14.67	15.50	14.65	14.89	14.77	15.50
	25 (RB_Pos:25)	14.54	14.89	14.73	15.50	14.75	14.68	14.67	15.50
	50 (RB_Pos:0)	14.66	14.76	14.67	15.50	14.87	14.72	14.80	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	14.67	14.81	14.74	15.50	14.81	14.57	14.65	15.50
	1 (RB_Pos:13)	14.63	14.60	14.75	15.50	14.69	14.85	14.84	15.50
	1 (RB_Pos:24)	14.86	14.86	14.73	15.50	14.70	14.53	14.75	15.50

	12 (RB_Pos:0)	14.64	14.50	14.66	15.50	14.70	14.80	14.77	15.50
	12 (RB_Pos:6)	14.72	14.73	14.65	15.50	14.83	14.69	14.51	15.50
	12 (RB_Pos:13)	14.90	14.50	14.74	15.50	14.53	14.72	14.64	15.50
	25 (RB_Pos:0)	14.61	14.61	14.66	15.50	14.54	14.70	14.57	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	14.63	14.54	14.80	15.50	14.78	14.80	14.87	15.50
	1 (RB_Pos:8)	14.80	14.54	14.57	15.50	14.55	14.59	14.65	15.50
	1 (RB_Pos:14)	14.63	14.81	14.63	15.50	14.53	14.75	14.69	15.50
	8 (RB_Pos:0)	14.66	14.67	14.67	15.50	14.74	14.81	14.62	15.50
	8 (RB_Pos:3)	14.72	14.86	14.85	15.50	14.56	14.59	14.55	15.50
	8 (RB_Pos:7)	14.72	14.55	14.84	15.50	14.56	14.86	14.55	15.50
	15 (RB_Pos:0)	14.90	14.63	14.53	15.50	14.76	14.51	14.66	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	14.72	14.82	14.73	15.50	14.79	14.77	14.64	15.50
	1 (RB_Pos:3)	14.78	14.87	14.88	15.50	14.73	14.77	14.81	15.50
	1 (RB_Pos:5)	14.66	14.66	14.77	15.50	14.89	14.83	14.68	15.50
	3 (RB_Pos:0)	14.56	14.84	14.88	15.50	14.72	14.85	14.63	15.50
	3 (RB_Pos:1)	14.86	14.76	14.84	15.50	14.57	14.74	14.86	15.50
	3 (RB_Pos:3)	14.75	14.58	14.55	15.50	14.80	14.59	14.89	15.50
	6 (RB_Pos:0)	14.84	14.60	14.82	15.50	14.80	14.63	14.78	15.50

8.7.33 Power Reduced Level 2 for ANT 2 of LTE Band 4

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	12.95	12.94	12.75	13.50	12.97	12.88	12.87	13.50
	1 (RB_Pos:50)	12.82	13.00	12.75	13.50	12.87	12.95	12.87	13.50
	1 (RB_Pos:99)	12.86	12.71	12.88	13.50	12.92	12.87	12.71	13.50
	50 (RB_Pos:0)	12.73	12.98	12.95	13.50	12.84	12.82	12.89	13.50
	50 (RB_Pos:25)	12.90	12.91	12.87	13.50	12.84	12.95	12.83	13.50
	50 (RB_Pos:50)	12.92	12.80	12.74	13.50	12.76	12.74	12.95	13.50
	100 (RB_Pos:0)	12.86	12.94	12.84	13.50	12.99	12.82	12.77	13.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20025	20175	20325		20025	20175	20325	
15 MHz	1 (RB_Pos:0)	12.89	12.96	12.97	13.50	12.81	12.93	12.96	13.50

	1 (RB_Pos:38)	12.90	12.91	12.74	13.50	12.73	12.85	12.73	13.50
	1 (RB_Pos:74)	12.79	12.96	12.98	13.50	12.70	12.86	12.86	13.50
	36 (RB_Pos:0)	12.91	12.91	12.82	13.50	12.94	12.98	12.74	13.50
	36 (RB_Pos:20)	12.86	12.86	12.84	13.50	12.76	12.97	12.98	13.50
	36 (RB_Pos:39)	12.77	12.74	12.75	13.50	12.78	12.93	12.98	13.50
	75 (RB_Pos:0)	12.96	13.00	12.72	13.50	12.97	12.91	12.86	13.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	12.85	12.85	12.74	13.50	12.72	12.92	12.87	13.50
	1 (RB_Pos:25)	12.98	12.77	12.85	13.50	12.92	12.71	12.94	13.50
	1 (RB_Pos:49)	12.77	12.99	12.97	13.50	12.92	12.80	12.92	13.50
	25 (RB_Pos:0)	12.92	12.70	12.93	13.50	12.89	12.76	12.87	13.50
	25 (RB_Pos:12)	12.81	12.79	12.74	13.50	12.71	12.86	12.80	13.50
	25 (RB_Pos:25)	12.98	12.82	12.93	13.50	12.89	12.79	12.73	13.50
	50 (RB_Pos:0)	12.83	12.76	12.73	13.50	12.76	12.78	12.71	13.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	12.96	12.97	12.91	13.50	12.91	12.99	12.79	13.50
	1 (RB_Pos:13)	12.82	12.85	12.83	13.50	12.76	12.86	12.81	13.50
	1 (RB_Pos:24)	12.99	12.93	12.99	13.50	12.88	12.99	12.72	13.50
	12 (RB_Pos:0)	12.76	12.91	12.87	13.50	12.96	13.00	12.87	13.50
	12 (RB_Pos:6)	12.70	12.85	12.88	13.50	12.79	12.77	12.99	13.50
	12 (RB_Pos:13)	12.86	12.81	12.78	13.50	12.79	12.94	12.81	13.50
	25 (RB_Pos:0)	12.83	12.78	12.85	13.50	13.00	12.85	12.81	13.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	12.87	12.83	12.81	13.50	12.92	12.94	12.87	13.50
	1 (RB_Pos:8)	12.86	12.82	12.84	13.50	12.85	12.91	12.87	13.50
	1 (RB_Pos:14)	12.74	12.97	12.72	13.50	12.97	12.83	12.94	13.50
	8 (RB_Pos:0)	12.87	12.80	12.93	13.50	12.84	12.81	12.85	13.50
	8 (RB_Pos:3)	12.95	12.82	12.79	13.50	12.94	12.90	12.86	13.50
	8 (RB_Pos:7)	12.81	12.75	12.72	13.50	12.86	12.95	12.81	13.50
	15 (RB_Pos:0)	12.90	12.86	12.77	13.50	12.73	12.75	12.88	13.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	12.87	12.74	12.70	13.50	12.86	12.99	12.77	13.50
	1 (RB_Pos:3)	12.94	12.88	12.90	13.50	12.73	12.86	12.96	13.50
	1 (RB_Pos:5)	12.93	12.97	12.83	13.50	12.93	12.83	12.83	13.50

	3 (RB_Pos:0)	12.98	12.89	12.96	13.50	12.94	12.73	12.79	13.50
	3 (RB_Pos:1)	12.81	12.71	12.91	13.50	12.78	12.90	12.73	13.50
	3 (RB_Pos:3)	12.84	12.82	12.81	13.50	12.77	12.99	12.91	13.50
	6 (RB_Pos:0)	12.96	12.88	12.79	13.50	12.95	12.91	12.84	13.50

8.7.34 Power Reduced Level 3&4 for ANT 2 of LTE Band 4

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	13.50	13.64	13.61	14.50	13.58	13.47	13.44	14.50
	1 (RB_Pos:50)	13.50	13.55	13.58	14.50	13.53	13.50	13.66	14.50
	1 (RB_Pos:99)	13.42	13.70	13.41	14.50	13.60	13.58	13.40	14.50
	50 (RB_Pos:0)	13.49	13.51	13.54	14.50	13.56	13.69	13.59	14.50
	50 (RB_Pos:25)	13.57	13.55	13.47	14.50	13.66	13.53	13.62	14.50
	50 (RB_Pos:50)	13.62	13.64	13.58	14.50	13.55	13.66	13.50	14.50
	100 (RB_Pos:0)	13.49	13.58	13.43	14.50	13.42	13.55	13.50	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20025	20175	20325		20025	20175	20325	
15 MHz	1 (RB_Pos:0)	13.44	13.50	13.62	14.50	13.44	13.67	13.45	14.50
	1 (RB_Pos:38)	13.61	13.42	13.55	14.50	13.58	13.41	13.66	14.50
	1 (RB_Pos:74)	13.61	13.42	13.57	14.50	13.47	13.64	13.50	14.50
	36 (RB_Pos:0)	13.46	13.56	13.62	14.50	13.58	13.47	13.41	14.50
	36 (RB_Pos:20)	13.57	13.56	13.63	14.50	13.58	13.62	13.47	14.50
	36 (RB_Pos:39)	13.60	13.61	13.59	14.50	13.61	13.42	13.49	14.50
	75 (RB_Pos:0)	13.43	13.54	13.54	14.50	13.60	13.42	13.70	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	13.58	13.66	13.65	14.50	13.60	13.54	13.69	14.50
	1 (RB_Pos:25)	13.61	13.65	13.51	14.50	13.45	13.40	13.50	14.50
	1 (RB_Pos:49)	13.57	13.51	13.40	14.50	13.66	13.47	13.60	14.50
	25 (RB_Pos:0)	13.60	13.70	13.46	14.50	13.63	13.42	13.49	14.50
	25 (RB_Pos:12)	13.58	13.63	13.62	14.50	13.57	13.60	13.45	14.50
	25 (RB_Pos:25)	13.56	13.51	13.46	14.50	13.40	13.50	13.42	14.50
	50 (RB_Pos:0)	13.69	13.42	13.56	14.50	13.50	13.45	13.58	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	13.52	13.68	13.60	14.50	13.60	13.64	13.53	14.50
	1 (RB_Pos:13)	13.49	13.45	13.50	14.50	13.45	13.55	13.59	14.50

	1 (RB_Pos:24)	13.54	13.65	13.46	14.50	13.55	13.67	13.57	14.50
	12 (RB_Pos:0)	13.63	13.43	13.53	14.50	13.47	13.65	13.65	14.50
	12 (RB_Pos:6)	13.43	13.58	13.55	14.50	13.61	13.56	13.69	14.50
	12 (RB_Pos:13)	13.45	13.49	13.51	14.50	13.60	13.63	13.55	14.50
	25 (RB_Pos:0)	13.49	13.53	13.46	14.50	13.47	13.61	13.57	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	13.41	13.59	13.70	14.50	13.45	13.42	13.64	14.50
	1 (RB_Pos:8)	13.58	13.67	13.57	14.50	13.57	13.50	13.61	14.50
	1 (RB_Pos:14)	13.68	13.69	13.57	14.50	13.62	13.48	13.54	14.50
	8 (RB_Pos:0)	13.57	13.46	13.49	14.50	13.60	13.68	13.67	14.50
	8 (RB_Pos:3)	13.42	13.45	13.52	14.50	13.44	13.44	13.57	14.50
	8 (RB_Pos:7)	13.47	13.51	13.52	14.50	13.51	13.62	13.54	14.50
	15 (RB_Pos:0)	13.55	13.51	13.44	14.50	13.54	13.63	13.49	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	13.54	13.52	13.68	14.50	13.59	13.43	13.52	14.50
	1 (RB_Pos:3)	13.57	13.62	13.45	14.50	13.66	13.44	13.49	14.50
	1 (RB_Pos:5)	13.45	13.41	13.65	14.50	13.66	13.64	13.54	14.50
	3 (RB_Pos:0)	13.47	13.56	13.59	14.50	13.47	13.64	13.47	14.50
	3 (RB_Pos:1)	13.60	13.50	13.42	14.50	13.45	13.42	13.54	14.50
	3 (RB_Pos:3)	13.58	13.57	13.66	14.50	13.47	13.62	13.52	14.50
	6 (RB_Pos:0)	13.68	13.51	13.41	14.50	13.53	13.66	13.53	14.50

8.7.35 Power Reduced Level 5 for ANT 2 of LTE Band 4

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	17.82	17.62	17.62	18.50	17.62	17.74	17.74	18.50
	1 (RB_Pos:50)	17.85	17.84	17.89	18.50	17.84	17.64	17.66	18.50
	1 (RB_Pos:99)	17.73	17.62	17.76	18.50	17.69	17.65	17.79	18.50
	50 (RB_Pos:0)	17.64	17.88	17.76	18.50	17.76	17.73	17.85	18.50
	50 (RB_Pos:25)	17.67	17.84	17.90	18.50	17.86	17.61	17.73	18.50
	50 (RB_Pos:50)	17.87	17.79	17.78	18.50	17.85	17.88	17.68	18.50
	100 (RB_Pos:0)	17.64	17.76	17.74	18.50	17.66	17.68	17.63	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20025	20175	20325		20025	20175	20325	

15 MHz	1 (RB_Pos:0)	17.70	17.83	17.63	18.50	17.70	17.79	17.83	18.50
	1 (RB_Pos:38)	17.73	17.70	17.69	18.50	17.63	17.72	17.65	18.50
	1 (RB_Pos:74)	17.79	17.80	17.81	18.50	17.81	17.78	17.71	18.50
	36 (RB_Pos:0)	17.88	17.90	17.82	18.50	17.73	17.78	17.76	18.50
	36 (RB_Pos:20)	17.89	17.77	17.78	18.50	17.78	17.64	17.89	18.50
	36 (RB_Pos:39)	17.81	17.70	17.87	18.50	17.82	17.80	17.62	18.50
	75 (RB_Pos:0)	17.89	17.65	17.77	18.50	17.75	17.82	17.71	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	17.79	17.74	17.70	18.50	17.73	17.67	17.63	18.50
	1 (RB_Pos:25)	17.86	17.66	17.83	18.50	17.63	17.71	17.87	18.50
	1 (RB_Pos:49)	17.87	17.61	17.71	18.50	17.65	17.62	17.88	18.50
	25 (RB_Pos:0)	17.70	17.65	17.88	18.50	17.88	17.75	17.89	18.50
	25 (RB_Pos:12)	17.76	17.82	17.89	18.50	17.90	17.66	17.73	18.50
	25 (RB_Pos:25)	17.90	17.69	17.83	18.50	17.88	17.75	17.88	18.50
	50 (RB_Pos:0)	17.65	17.86	17.84	18.50	17.76	17.80	17.68	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	17.89	17.86	17.62	18.50	17.69	17.82	17.66	18.50
	1 (RB_Pos:13)	17.80	17.71	17.61	18.50	17.81	17.63	17.72	18.50
	1 (RB_Pos:24)	17.72	17.78	17.69	18.50	17.63	17.79	17.81	18.50
	12 (RB_Pos:0)	17.63	17.69	17.65	18.50	17.60	17.81	17.76	18.50
	12 (RB_Pos:6)	17.66	17.83	17.78	18.50	17.67	17.90	17.82	18.50
	12 (RB_Pos:13)	17.69	17.76	17.71	18.50	17.81	17.62	17.63	18.50
	25 (RB_Pos:0)	17.61	17.68	17.84	18.50	17.66	17.66	17.75	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	17.67	17.88	17.79	18.50	17.65	17.83	17.84	18.50
	1 (RB_Pos:8)	17.70	17.83	17.77	18.50	17.67	17.78	17.83	18.50
	1 (RB_Pos:14)	17.64	17.90	17.74	18.50	17.90	17.73	17.82	18.50
	8 (RB_Pos:0)	17.67	17.64	17.83	18.50	17.79	17.88	17.69	18.50
	8 (RB_Pos:3)	17.61	17.86	17.88	18.50	17.77	17.75	17.86	18.50
	8 (RB_Pos:7)	17.82	17.62	17.74	18.50	17.87	17.70	17.65	18.50
	15 (RB_Pos:0)	17.90	17.64	17.77	18.50	17.71	17.62	17.72	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	17.76	17.64	17.72	18.50	17.86	17.76	17.85	18.50
	1 (RB_Pos:3)	17.72	17.75	17.88	18.50	17.78	17.69	17.88	18.50

	1 (RB_Pos:5)	17.76	17.62	17.84	18.50	17.77	17.62	17.80	18.50
	3 (RB_Pos:0)	17.70	17.78	17.79	18.50	17.90	17.62	17.74	18.50
	3 (RB_Pos:1)	17.61	17.71	17.68	18.50	17.64	17.83	17.75	18.50
	3 (RB_Pos:3)	17.76	17.81	17.83	18.50	17.68	17.69	17.83	18.50
	6 (RB_Pos:0)	17.75	17.77	17.69	18.50	17.61	17.64	17.83	18.50

8.7.36 Power Reduced Level 6 for ANT 2 of LTE Band 4

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	16.29	16.35	16.39	17.00	16.18	16.33	16.29	17.00
	1 (RB_Pos:50)	16.26	16.28	16.17	17.00	16.34	16.10	16.33	17.00
	1 (RB_Pos:99)	16.22	16.23	16.24	17.00	16.35	16.28	16.40	17.00
	50 (RB_Pos:0)	16.31	16.34	16.16	17.00	16.31	16.23	16.17	17.00
	50 (RB_Pos:25)	16.36	16.36	16.14	17.00	16.11	16.15	16.19	17.00
	50 (RB_Pos:50)	16.34	16.31	16.38	17.00	16.12	16.38	16.13	17.00
	100 (RB_Pos:0)	16.22	16.19	16.19	17.00	16.36	16.23	16.22	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20025	20175	20325		20025	20175	20325	
15 MHz	1 (RB_Pos:0)	16.16	16.35	16.13	17.00	16.10	16.36	16.37	17.00
	1 (RB_Pos:38)	16.15	16.29	16.30	17.00	16.38	16.24	16.39	17.00
	1 (RB_Pos:74)	16.21	16.36	16.31	17.00	16.23	16.39	16.25	17.00
	36 (RB_Pos:0)	16.11	16.15	16.19	17.00	16.12	16.33	16.27	17.00
	36 (RB_Pos:20)	16.38	16.27	16.25	17.00	16.39	16.26	16.25	17.00
	36 (RB_Pos:39)	16.14	16.18	16.25	17.00	16.11	16.19	16.26	17.00
	75 (RB_Pos:0)	16.20	16.12	16.30	17.00	16.16	16.20	16.34	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	16.33	16.14	16.39	17.00	16.37	16.37	16.31	17.00
	1 (RB_Pos:25)	16.22	16.31	16.18	17.00	16.30	16.35	16.17	17.00
	1 (RB_Pos:49)	16.20	16.20	16.14	17.00	16.27	16.11	16.12	17.00
	25 (RB_Pos:0)	16.15	16.13	16.33	17.00	16.20	16.28	16.25	17.00
	25 (RB_Pos:12)	16.35	16.34	16.33	17.00	16.19	16.32	16.15	17.00
	25 (RB_Pos:25)	16.27	16.36	16.33	17.00	16.36	16.15	16.20	17.00
	50 (RB_Pos:0)	16.38	16.27	16.32	17.00	16.13	16.18	16.33	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	16.37	16.37	16.24	17.00	16.24	16.24	16.13	17.00

	1 (RB_Pos:13)	16.24	16.39	16.30	17.00	16.34	16.33	16.34	17.00
	1 (RB_Pos:24)	16.38	16.21	16.24	17.00	16.36	16.12	16.30	17.00
	12 (RB_Pos:0)	16.20	16.23	16.23	17.00	16.27	16.20	16.27	17.00
	12 (RB_Pos:6)	16.37	16.27	16.16	17.00	16.21	16.25	16.27	17.00
	12 (RB_Pos:13)	16.15	16.32	16.22	17.00	16.23	16.11	16.35	17.00
	25 (RB_Pos:0)	16.12	16.34	16.26	17.00	16.32	16.38	16.23	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	16.11	16.26	16.29	17.00	16.10	16.35	16.30	17.00
	1 (RB_Pos:8)	16.27	16.29	16.29	17.00	16.19	16.23	16.32	17.00
	1 (RB_Pos:14)	16.25	16.36	16.21	17.00	16.14	16.25	16.24	17.00
	8 (RB_Pos:0)	16.32	16.24	16.39	17.00	16.35	16.16	16.20	17.00
	8 (RB_Pos:3)	16.30	16.26	16.35	17.00	16.28	16.15	16.35	17.00
	8 (RB_Pos:7)	16.14	16.11	16.14	17.00	16.11	16.31	16.39	17.00
	15 (RB_Pos:0)	16.39	16.11	16.10	17.00	16.39	16.24	16.34	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	16.30	16.11	16.20	17.00	16.31	16.20	16.32	17.00
	1 (RB_Pos:3)	16.11	16.13	16.18	17.00	16.12	16.37	16.30	17.00
	1 (RB_Pos:5)	16.34	16.11	16.25	17.00	16.39	16.18	16.28	17.00
	3 (RB_Pos:0)	16.17	16.22	16.23	17.00	16.33	16.26	16.21	17.00
	3 (RB_Pos:1)	16.27	16.30	16.24	17.00	16.33	16.36	16.17	17.00
	3 (RB_Pos:3)	16.12	16.13	16.27	17.00	16.37	16.39	16.15	17.00
	6 (RB_Pos:0)	16.33	16.34	16.34	17.00	16.26	16.11	16.27	17.00

8.7.37 Power Reduced Level 7&8 for ANT 2 of LTE Band 4

FDD LTE Band 4									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20050	20175	20300		20050	20175	20300	
20 MHz	1 (RB_Pos:0)	17.13	17.08	17.20	18.00	17.16	17.08	17.19	18.00
	1 (RB_Pos:50)	16.99	17.01	17.08	18.00	17.01	17.07	16.99	18.00
	1 (RB_Pos:99)	16.93	17.03	17.10	18.00	16.97	17.06	17.11	18.00
	50 (RB_Pos:0)	17.05	17.16	17.19	18.00	17.16	16.98	17.07	18.00
	50 (RB_Pos:25)	17.12	17.11	17.17	18.00	17.20	16.92	17.08	18.00
	50 (RB_Pos:50)	17.01	16.97	16.90	18.00	17.00	17.14	17.03	18.00
	100 (RB_Pos:0)	17.13	17.19	17.18	18.00	16.96	17.05	16.93	18.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit	16QAM			Tune up limit
	Channel	20025	20175	20325		20025	20175	20325	

					(dBm)				(dBm)
15 MHz	1 (RB_Pos:0)	17.00	17.15	17.10	18.00	16.95	16.96	17.12	18.00
	1 (RB_Pos:38)	16.98	17.05	17.10	18.00	17.11	17.15	16.92	18.00
	1 (RB_Pos:74)	17.12	17.04	17.17	18.00	17.18	16.93	17.18	18.00
	36 (RB_Pos:0)	16.98	17.10	17.01	18.00	17.04	17.15	17.11	18.00
	36 (RB_Pos:20)	17.14	17.03	16.92	18.00	17.11	17.15	17.00	18.00
	36 (RB_Pos:39)	17.04	17.14	17.01	18.00	16.90	17.16	17.01	18.00
	75 (RB_Pos:0)	16.99	16.96	17.02	18.00	16.98	16.94	17.12	18.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20000	20175	20350		20000	20175	20350	
10 MHz	1 (RB_Pos:0)	16.93	16.92	16.91	18.00	17.15	17.06	16.93	18.00
	1 (RB_Pos:25)	16.94	17.08	17.03	18.00	17.15	17.15	17.12	18.00
	1 (RB_Pos:49)	17.03	17.04	17.01	18.00	17.02	17.08	17.07	18.00
	25 (RB_Pos:0)	17.17	16.97	17.18	18.00	16.96	17.16	16.94	18.00
	25 (RB_Pos:12)	16.94	17.05	17.16	18.00	17.06	16.91	17.01	18.00
	25 (RB_Pos:25)	17.05	17.08	17.15	18.00	16.98	17.19	17.00	18.00
	50 (RB_Pos:0)	17.12	17.05	17.00	18.00	17.05	17.05	17.12	18.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19975	20175	20375		19975	20175	20375	
5 MHz	1 (RB_Pos:0)	16.91	17.08	16.96	18.00	17.11	17.09	17.00	18.00
	1 (RB_Pos:13)	16.94	17.13	17.12	18.00	17.16	17.05	17.01	18.00
	1 (RB_Pos:24)	17.10	16.94	17.03	18.00	17.09	16.93	17.03	18.00
	12 (RB_Pos:0)	17.04	17.02	17.02	18.00	17.02	17.03	17.12	18.00
	12 (RB_Pos:6)	16.91	16.90	17.15	18.00	16.95	16.94	16.95	18.00
	12 (RB_Pos:13)	17.01	17.13	17.04	18.00	17.18	16.96	16.94	18.00
	25 (RB_Pos:0)	16.96	17.08	16.97	18.00	16.95	17.05	16.91	18.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19965	20175	20385		19965	20175	20385	
3.0 MHz	1 (RB_Pos:0)	17.01	17.07	17.01	18.00	17.01	17.09	17.03	18.00
	1 (RB_Pos:8)	17.06	17.06	17.20	18.00	16.97	17.12	17.20	18.00
	1 (RB_Pos:14)	17.14	17.14	16.99	18.00	17.02	16.92	17.15	18.00
	8 (RB_Pos:0)	16.93	17.10	17.12	18.00	16.97	17.02	17.16	18.00
	8 (RB_Pos:3)	17.01	17.09	17.04	18.00	16.97	17.01	17.18	18.00
	8 (RB_Pos:7)	17.10	16.94	17.07	18.00	17.01	17.09	17.14	18.00
	15 (RB_Pos:0)	17.14	17.11	17.09	18.00	16.96	17.14	17.10	18.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	19957	20175	20393		19957	20175	20393	
1.4 MHz	1 (RB_Pos:0)	17.08	17.13	17.02	18.00	17.04	16.92	17.17	18.00

	1 (RB_Pos:3)	17.09	17.01	17.12	18.00	17.16	16.99	17.02	18.00
	1 (RB_Pos:5)	17.06	17.11	16.92	18.00	17.17	16.92	17.11	18.00
	3 (RB_Pos:0)	17.17	17.08	17.20	18.00	17.04	17.16	16.92	18.00
	3 (RB_Pos:1)	17.08	17.01	17.14	18.00	17.10	17.03	17.01	18.00
	3 (RB_Pos:3)	16.97	17.13	17.06	18.00	17.13	17.12	16.99	18.00
	6 (RB_Pos:0)	17.19	17.00	17.06	18.00	16.94	17.05	17.18	18.00

8.7.38 Power Reduced Level 1 for ANT 0 of LTE Band 5

FDD LTE Band 5									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20450	20525	20600		20450	20525	20600	
10 MHz	1 (RB_Pos:0)	22.19	22.11	22.31	24.00	22.13	22.39	22.35	24.00
	1 (RB_Pos:25)	22.27	22.17	22.21	24.00	22.16	22.12	22.34	24.00
	1 (RB_Pos:49)	22.27	22.13	22.22	24.00	22.18	22.27	22.32	24.00
	25 (RB_Pos:0)	22.18	22.15	22.40	24.00	22.22	22.31	22.32	24.00
	25 (RB_Pos:12)	22.27	22.36	22.24	24.00	22.17	22.13	22.14	24.00
	25 (RB_Pos:25)	22.37	22.22	22.30	24.00	22.15	22.12	22.36	24.00
	50 (RB_Pos:0)	22.11	22.27	22.19	24.00	22.39	22.30	22.38	24.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20425	20525	20625		20425	20525	20625	
5MHz	1 (RB_Pos:0)	22.32	22.14	22.17	24.00	22.39	22.17	22.20	24.00
	1 (RB_Pos:13)	22.31	22.35	22.32	24.00	22.33	22.37	22.29	24.00
	1 (RB_Pos:24)	22.30	22.30	22.13	24.00	22.34	22.35	22.36	24.00
	12 (RB_Pos:0)	22.35	22.21	22.34	24.00	22.15	22.19	22.28	24.00
	12 (RB_Pos:6)	22.38	22.30	22.15	24.00	22.37	22.40	22.20	24.00
	12 (RB_Pos:13)	22.36	22.33	22.31	24.00	22.33	22.26	22.28	24.00
	25 (RB_Pos:0)	22.34	22.25	22.32	24.00	22.32	22.13	22.10	24.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20415	20525	20635		20415	20525	20635	
3.0 MHz	1 (RB_Pos:0)	22.33	22.12	22.35	24.00	22.11	22.32	22.12	24.00
	1 (RB_Pos:8)	22.19	22.27	22.19	24.00	22.21	22.27	22.17	24.00
	1 (RB_Pos:14)	22.17	22.17	22.39	24.00	22.37	22.17	22.38	24.00
	8 (RB_Pos:0)	22.21	22.16	22.21	24.00	22.32	22.17	22.14	24.00
	8 (RB_Pos:3)	22.13	22.40	22.21	24.00	22.14	22.13	22.19	24.00
	8 (RB_Pos:7)	22.32	22.25	22.36	24.00	22.12	22.14	22.25	24.00
	15 (RB_Pos:0)	22.31	22.30	22.36	24.00	22.20	22.39	22.38	24.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20407	20525	20643		20407	20525	20643	

1.4MHz	1 (RB_Pos:0)	22.21	22.31	22.21	24.00	22.12	22.11	22.18	24.00
	1 (RB_Pos:3)	22.24	22.29	22.37	24.00	22.27	22.40	22.29	24.00
	1 (RB_Pos:5)	22.37	22.36	22.16	24.00	22.20	22.38	22.35	24.00
	3 (RB_Pos:0)	22.18	22.37	22.23	24.00	22.10	22.19	22.13	24.00
	3 (RB_Pos:1)	22.27	22.34	22.35	24.00	22.40	22.29	22.32	24.00
	3 (RB_Pos:3)	22.36	22.36	22.25	24.00	22.25	22.27	22.24	24.00
	6 (RB_Pos:0)	22.25	22.15	22.36	24.00	22.28	22.38	22.19	24.00

8.7.39 Power Reduced Level 2&3&4 for ANT 0 of LTE Band 5

FDD LTE Band 5									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20450	20525	20600		20450	20525	20600	
10 MHz	1 (RB_Pos:0)	20.71	20.80	20.68	22.00	20.77	20.70	20.70	22.00
	1 (RB_Pos:25)	20.68	20.67	20.87	22.00	20.67	20.79	20.75	22.00
	1 (RB_Pos:49)	20.82	20.70	20.65	22.00	20.64	20.71	20.89	22.00
	25 (RB_Pos:0)	20.81	20.87	20.67	22.00	20.61	20.71	20.77	22.00
	25 (RB_Pos:12)	20.72	20.89	20.90	22.00	20.89	20.67	20.64	22.00
	25 (RB_Pos:25)	20.82	20.83	20.60	22.00	20.83	20.86	20.63	22.00
	50 (RB_Pos:0)	20.67	20.75	20.85	22.00	20.65	20.76	20.84	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20425	20525	20625		20425	20525	20625	
5MHz	1 (RB_Pos:0)	20.70	20.66	20.85	22.00	20.89	20.71	20.64	22.00
	1 (RB_Pos:13)	20.71	20.88	20.75	22.00	20.84	20.81	20.77	22.00
	1 (RB_Pos:24)	20.65	20.70	20.66	22.00	20.74	20.63	20.77	22.00
	12 (RB_Pos:0)	20.89	20.74	20.73	22.00	20.82	20.82	20.87	22.00
	12 (RB_Pos:6)	20.69	20.72	20.73	22.00	20.88	20.63	20.77	22.00
	12 (RB_Pos:13)	20.72	20.76	20.68	22.00	20.70	20.63	20.71	22.00
	25 (RB_Pos:0)	20.63	20.78	20.90	22.00	20.61	20.89	20.69	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20415	20525	20635		20415	20525	20635	
3.0 MHz	1 (RB_Pos:0)	20.75	20.72	20.85	22.00	20.81	20.87	20.63	22.00
	1 (RB_Pos:8)	20.63	20.79	20.87	22.00	20.80	20.62	20.80	22.00
	1 (RB_Pos:14)	20.85	20.78	20.63	22.00	20.67	20.80	20.77	22.00
	8 (RB_Pos:0)	20.74	20.84	20.68	22.00	20.89	20.60	20.79	22.00
	8 (RB_Pos:3)	20.67	20.82	20.69	22.00	20.89	20.66	20.82	22.00
	8 (RB_Pos:7)	20.60	20.87	20.84	22.00	20.78	20.88	20.74	22.00
	15 (RB_Pos:0)	20.87	20.70	20.88	22.00	20.69	20.88	20.83	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit	16QAM			Tune up limit
	Channel	20407	20525	20643		20407	20525	20643	

					(dBm)				(dBm)
1.4MHz	1 (RB_Pos:0)	20.67	20.69	20.73	22.00	20.80	20.87	20.75	22.00
	1 (RB_Pos:3)	20.84	20.62	20.62	22.00	20.75	20.68	20.69	22.00
	1 (RB_Pos:5)	20.79	20.77	20.74	22.00	20.65	20.64	20.80	22.00
	3 (RB_Pos:0)	20.65	20.68	20.74	22.00	20.80	20.72	20.88	22.00
	3 (RB_Pos:1)	20.71	20.84	20.66	22.00	20.69	20.82	20.63	22.00
	3 (RB_Pos:3)	20.65	20.72	20.76	22.00	20.62	20.76	20.71	22.00
	6 (RB_Pos:0)	20.71	20.67	20.85	22.00	20.76	20.74	20.82	22.00

8.7.40 Power Reduced Level 5 for ANT 0&ANT 1 of LTE Band 5

FDD LTE Band 5									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20450	20525	20600		20450	20525	20600	
10 MHz	1 (RB_Pos:0)	21.75	21.73	21.78	23.00	21.71	21.91	21.93	23.00
	1 (RB_Pos:25)	21.74	21.86	21.74	23.00	21.78	21.90	21.96	23.00
	1 (RB_Pos:49)	21.74	21.77	21.75	23.00	21.78	21.71	21.78	23.00
	25 (RB_Pos:0)	21.84	21.78	21.89	23.00	21.94	21.79	21.91	23.00
	25 (RB_Pos:12)	21.89	21.76	21.83	23.00	21.93	21.85	21.95	23.00
	25 (RB_Pos:25)	21.87	21.84	21.82	23.00	21.91	21.77	21.84	23.00
	50 (RB_Pos:0)	21.87	21.85	21.80	23.00	21.86	21.99	21.83	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20425	20525	20625		20425	20525	20625	
5MHz	1 (RB_Pos:0)	21.73	21.87	21.96	23.00	21.74	21.93	21.89	23.00
	1 (RB_Pos:13)	21.73	21.76	21.83	23.00	21.79	21.86	21.86	23.00
	1 (RB_Pos:24)	21.91	21.71	21.91	23.00	21.91	21.79	21.91	23.00
	12 (RB_Pos:0)	21.93	21.77	21.78	23.00	21.92	21.75	21.89	23.00
	12 (RB_Pos:6)	21.89	21.79	21.79	23.00	21.89	21.80	21.80	23.00
	12 (RB_Pos:13)	21.74	21.89	21.85	23.00	21.92	21.72	21.90	23.00
	25 (RB_Pos:0)	21.73	21.99	21.95	23.00	21.96	21.72	22.00	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20415	20525	20635		20415	20525	20635	
3.0 MHz	1 (RB_Pos:0)	21.76	21.72	21.99	23.00	21.94	21.88	21.70	23.00
	1 (RB_Pos:8)	21.88	21.75	21.71	23.00	21.76	21.88	21.75	23.00
	1 (RB_Pos:14)	21.73	21.87	21.90	23.00	21.90	21.72	21.72	23.00
	8 (RB_Pos:0)	21.91	21.87	21.98	23.00	21.72	21.97	21.83	23.00
	8 (RB_Pos:3)	21.81	21.72	21.97	23.00	21.85	21.80	21.83	23.00
	8 (RB_Pos:7)	21.73	21.81	21.84	23.00	21.87	21.74	21.86	23.00
	15 (RB_Pos:0)	21.96	21.93	21.99	23.00	21.97	21.97	21.78	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up

	Channel	20407	20525	20643	limit (dBm)	20407	20525	20643	limit (dBm)
1.4MHz	1 (RB_Pos:0)	21.86	21.82	21.70	23.00	21.88	21.70	21.76	23.00
	1 (RB_Pos:3)	21.97	21.76	21.95	23.00	21.95	21.74	21.91	23.00
	1 (RB_Pos:5)	21.79	21.77	21.92	23.00	22.00	21.81	22.00	23.00
	3 (RB_Pos:0)	21.78	22.00	21.95	23.00	21.76	21.88	21.96	23.00
	3 (RB_Pos:1)	21.88	21.78	21.95	23.00	21.89	21.77	21.91	23.00
	3 (RB_Pos:3)	21.88	21.93	21.73	23.00	21.72	21.90	21.75	23.00
	6 (RB_Pos:0)	21.98	21.95	21.96	23.00	21.89	21.99	21.94	23.00

8.7.41 Power Reduced Level 6&7&8 for ANT 0&ANT 1 of LTE Band 5

FDD LTE Band 5									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20450	20525	20600		20450	20525	20600	
10 MHz	1 (RB_Pos:0)	20.59	20.68	20.52	21.50	20.44	20.49	20.44	21.50
	1 (RB_Pos:25)	20.51	20.55	20.42	21.50	20.68	20.41	20.59	21.50
	1 (RB_Pos:49)	20.63	20.70	20.61	21.50	20.50	20.62	20.68	21.50
	25 (RB_Pos:0)	20.68	20.41	20.46	21.50	20.40	20.50	20.62	21.50
	25 (RB_Pos:12)	20.47	20.60	20.51	21.50	20.61	20.51	20.59	21.50
	25 (RB_Pos:25)	20.58	20.55	20.63	21.50	20.55	20.52	20.69	21.50
	50 (RB_Pos:0)	20.41	20.61	20.59	21.50	20.45	20.59	20.63	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20425	20525	20625		20425	20525	20625	
5MHz	1 (RB_Pos:0)	20.58	20.43	20.56	21.50	20.47	20.68	20.60	21.50
	1 (RB_Pos:13)	20.42	20.56	20.53	21.50	20.62	20.47	20.49	21.50
	1 (RB_Pos:24)	20.44	20.44	20.55	21.50	20.66	20.45	20.48	21.50
	12 (RB_Pos:0)	20.62	20.58	20.54	21.50	20.59	20.66	20.47	21.50
	12 (RB_Pos:6)	20.55	20.67	20.51	21.50	20.60	20.40	20.60	21.50
	12 (RB_Pos:13)	20.42	20.44	20.49	21.50	20.50	20.58	20.65	21.50
	25 (RB_Pos:0)	20.61	20.68	20.60	21.50	20.61	20.62	20.48	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20415	20525	20635		20415	20525	20635	
3.0 MHz	1 (RB_Pos:0)	20.60	20.62	20.68	21.50	20.58	20.59	20.67	21.50
	1 (RB_Pos:8)	20.62	20.52	20.44	21.50	20.66	20.43	20.66	21.50
	1 (RB_Pos:14)	20.45	20.51	20.68	21.50	20.53	20.61	20.65	21.50
	8 (RB_Pos:0)	20.68	20.43	20.59	21.50	20.52	20.50	20.55	21.50
	8 (RB_Pos:3)	20.64	20.57	20.43	21.50	20.69	20.49	20.42	21.50
	8 (RB_Pos:7)	20.57	20.58	20.62	21.50	20.69	20.68	20.58	21.50
	15 (RB_Pos:0)	20.70	20.51	20.69	21.50	20.40	20.54	20.62	21.50
Bandwidth	RB Set	Power (dBm)							

(MHz)	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		20407	20525	20643		20407	20525	20643	
1.4MHz	1 (RB_Pos:0)	20.53	20.54	20.41	21.50	20.41	20.66	20.52	21.50
	1 (RB_Pos:3)	20.60	20.53	20.64	21.50	20.59	20.50	20.52	21.50
	1 (RB_Pos:5)	20.51	20.42	20.59	21.50	20.54	20.66	20.48	21.50
	3 (RB_Pos:0)	20.44	20.43	20.59	21.50	20.46	20.60	20.55	21.50
	3 (RB_Pos:1)	20.44	20.52	20.68	21.50	20.59	20.57	20.51	21.50
	3 (RB_Pos:3)	20.59	20.63	20.58	21.50	20.43	20.48	20.60	21.50
	6 (RB_Pos:0)	20.65	20.53	20.58	21.50	20.53	20.49	20.64	21.50

8.7.42 Power Reduced Level 1 for ANT 2 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	14.38	14.51	14.31	16.00	14.63	14.64	14.53	16.00
	1 (RB_Pos:50)	14.35	14.48	14.22	16.00	14.64	14.61	14.52	16.00
	1 (RB_Pos:99)	14.39	14.49	14.32	16.00	14.66	14.65	14.48	16.00
	50 (RB_Pos:0)	14.49	14.54	14.49	16.00	14.21	14.31	14.18	16.00
	50 (RB_Pos:25)	14.57	14.57	14.51	16.00	14.28	14.31	14.20	16.00
	50 (RB_Pos:50)	14.58	14.63	14.53	16.00	14.29	14.33	14.17	16.00
	100 (RB_Pos:0)	14.56	14.48	14.55	16.00	14.31	14.24	14.25	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	14.43	14.46	14.42	16.00	14.07	14.61	14.60	16.00
	1 (RB_Pos:38)	14.38	14.44	14.36	16.00	14.06	14.59	14.60	16.00
	1 (RB_Pos:74)	14.35	14.40	14.33	16.00	14.04	14.53	14.61	16.00
	36 (RB_Pos:0)	14.48	14.56	14.53	16.00	14.19	14.34	14.14	16.00
	36 (RB_Pos:20)	14.56	14.54	14.52	16.00	14.25	14.30	14.14	16.00
	36 (RB_Pos:39)	14.51	14.55	14.55	16.00	14.25	14.36	14.16	16.00
	75 (RB_Pos:0)	14.53	14.53	14.45	16.00	14.24	14.26	14.14	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	14.43	14.49	14.50	16.00	14.12	14.66	14.23	16.00
	1 (RB_Pos:25)	14.43	14.52	14.45	16.00	14.08	14.63	14.15	16.00
	1 (RB_Pos:49)	14.46	14.47	14.47	16.00	14.15	14.64	14.22	16.00
	25 (RB_Pos:0)	14.54	14.59	14.53	16.00	14.21	14.34	14.36	16.00
	25 (RB_Pos:12)	14.59	14.59	14.54	16.00	14.30	14.32	14.34	16.00
	25 (RB_Pos:25)	14.57	14.63	14.54	16.00	14.29	14.35	14.31	16.00
	50 (RB_Pos:0)	14.57	14.55	14.54	16.00	14.25	14.25	14.25	16.00

Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	14.53	14.49	14.46	16.00	14.77	14.41	14.42	16.00
	1 (RB_Pos:13)	14.54	14.58	14.46	16.00	14.78	14.48	14.42	16.00
	1 (RB_Pos:24)	14.52	14.59	14.41	16.00	14.79	14.46	14.41	16.00
	12 (RB_Pos:0)	14.51	14.51	14.49	16.00	14.34	14.28	14.25	16.00
	12 (RB_Pos:6)	14.56	14.55	14.57	16.00	14.39	14.34	14.28	16.00
	12 (RB_Pos:13)	14.55	14.60	14.50	16.00	14.40	14.40	14.29	16.00
	25 (RB_Pos:0)	14.56	14.55	14.50	16.00	14.32	14.18	14.21	16.00

8.7.43 Power Reduced Level 2 for ANT 2 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	11.31	11.41	11.47	13.00	11.34	11.49	11.40	13.00
	1 (RB_Pos:50)	11.32	11.16	11.18	13.00	11.17	11.40	11.50	13.00
	1 (RB_Pos:99)	11.49	11.50	11.39	13.00	11.27	11.31	11.45	13.00
	50 (RB_Pos:0)	11.31	11.34	11.18	13.00	11.24	11.19	11.26	13.00
	50 (RB_Pos:25)	11.30	11.45	11.40	13.00	11.17	11.41	11.37	13.00
	50 (RB_Pos:50)	11.24	11.33	11.23	13.00	11.29	11.48	11.25	13.00
	100 (RB_Pos:0)	11.35	11.34	11.33	13.00	11.36	11.17	11.35	13.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	11.28	11.50	11.41	13.00	11.38	11.48	11.30	13.00
	1 (RB_Pos:38)	11.32	11.35	11.34	13.00	11.37	11.40	11.39	13.00
	1 (RB_Pos:74)	11.45	11.46	11.46	13.00	11.31	11.50	11.45	13.00
	36 (RB_Pos:0)	11.40	11.28	11.43	13.00	11.26	11.32	11.32	13.00
	36 (RB_Pos:20)	11.37	11.27	11.26	13.00	11.35	11.43	11.29	13.00
	36 (RB_Pos:39)	11.46	11.50	11.46	13.00	11.47	11.35	11.42	13.00
	75 (RB_Pos:0)	11.46	11.44	11.39	13.00	11.31	11.30	11.34	13.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	11.30	11.36	11.48	13.00	11.44	11.30	11.37	13.00
	1 (RB_Pos:25)	11.35	11.46	11.34	13.00	11.28	11.48	11.29	13.00
	1 (RB_Pos:49)	11.35	11.41	11.40	13.00	11.34	11.30	11.46	13.00
	25 (RB_Pos:0)	11.28	11.25	11.33	13.00	11.31	11.35	11.28	13.00
	25 (RB_Pos:12)	11.30	11.48	11.42	13.00	11.39	11.42	11.39	13.00
	25 (RB_Pos:25)	11.44	11.30	11.37	13.00	11.38	11.37	11.50	13.00

	50 (RB_Pos:0)	11.44	11.36	11.29	13.00	11.36	11.39	11.40	13.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	11.44	11.50	11.25	13.00	11.30	11.47	11.48	13.00
	1 (RB_Pos:13)	11.31	11.41	11.38	13.00	11.46	11.50	11.41	13.00
	1 (RB_Pos:24)	11.26	11.35	11.31	13.00	11.45	11.49	11.25	13.00
	12 (RB_Pos:0)	11.28	11.38	11.26	13.00	11.32	11.41	11.38	13.00
	12 (RB_Pos:6)	11.33	11.50	11.50	13.00	11.49	11.46	11.38	13.00
	12 (RB_Pos:13)	11.43	11.48	11.33	13.00	11.33	11.34	11.42	13.00
	25 (RB_Pos:0)	11.39	11.40	11.39	13.00	11.27	11.48	11.33	13.00

8.7.44 Power Reduced Level 3&4 for ANT 2 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	13.24	13.50	13.41	15.00	13.41	13.46	13.27	15.00
	1 (RB_Pos:50)	13.36	13.40	13.32	15.00	13.33	13.46	13.36	15.00
	1 (RB_Pos:99)	13.27	13.40	13.29	15.00	13.46	13.49	13.22	15.00
	50 (RB_Pos:0)	13.21	13.43	13.37	15.00	13.29	13.22	13.40	15.00
	50 (RB_Pos:25)	13.36	13.45	13.22	15.00	13.26	13.41	13.50	15.00
	50 (RB_Pos:50)	13.32	13.46	13.34	15.00	13.35	13.22	13.37	15.00
	100 (RB_Pos:0)	13.29	13.43	13.27	15.00	13.30	13.47	13.36	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	13.33	13.24	13.32	15.00	13.40	13.28	13.39	15.00
	1 (RB_Pos:38)	13.24	13.36	13.46	15.00	13.43	13.44	13.29	15.00
	1 (RB_Pos:74)	13.32	13.30	13.45	15.00	13.25	13.49	13.35	15.00
	36 (RB_Pos:0)	13.31	13.42	13.29	15.00	13.29	13.27	13.29	15.00
	36 (RB_Pos:20)	13.20	13.39	13.22	15.00	13.22	13.36	13.21	15.00
	36 (RB_Pos:39)	13.40	13.25	13.34	15.00	13.21	13.39	13.44	15.00
	75 (RB_Pos:0)	13.44	13.47	13.45	15.00	13.47	13.26	13.26	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	13.21	13.48	13.27	15.00	13.47	13.34	13.49	15.00
	1 (RB_Pos:25)	13.26	13.42	13.26	15.00	13.28	13.30	13.33	15.00
	1 (RB_Pos:49)	13.37	13.44	13.30	15.00	13.40	13.34	13.28	15.00
	25 (RB_Pos:0)	13.38	13.36	13.37	15.00	13.45	13.39	13.47	15.00
	25 (RB_Pos:12)	13.40	13.49	13.31	15.00	13.42	13.47	13.45	15.00

	25 (RB_Pos:25)	13.43	13.22	13.24	15.00	13.36	13.31	13.32	15.00
	50 (RB_Pos:0)	13.40	13.50	13.23	15.00	13.38	13.42	13.36	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	13.28	13.46	13.27	15.00	13.28	13.43	13.38	15.00
	1 (RB_Pos:13)	13.22	13.39	13.49	15.00	13.25	13.34	13.40	15.00
	1 (RB_Pos:24)	13.24	13.47	13.38	15.00	13.39	13.45	13.38	15.00
	12 (RB_Pos:0)	13.35	13.31	13.20	15.00	13.34	13.40	13.45	15.00
	12 (RB_Pos:6)	13.45	13.33	13.44	15.00	13.21	13.36	13.43	15.00
	12 (RB_Pos:13)	13.49	13.25	13.40	15.00	13.48	13.46	13.36	15.00
	25 (RB_Pos:0)	13.24	13.32	13.20	15.00	13.41	13.40	13.46	15.00

8.7.45 Power Reduced Level 5 for ANT 2 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	17.37	17.50	17.44	18.50	17.43	17.25	17.42	18.50
	1 (RB_Pos:50)	17.37	17.17	17.33	18.50	17.36	17.18	17.47	18.50
	1 (RB_Pos:99)	17.42	17.39	17.28	18.50	17.28	17.54	17.22	18.50
	50 (RB_Pos:0)	17.16	17.31	17.23	18.50	17.45	17.28	17.27	18.50
	50 (RB_Pos:25)	17.33	17.41	17.22	18.50	17.25	17.35	17.27	18.50
	50 (RB_Pos:50)	17.17	17.25	17.45	18.50	17.37	17.25	17.44	18.50
	100 (RB_Pos:0)	17.31	17.17	17.15	18.50	17.27	17.19	17.26	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	17.29	17.34	17.22	18.50	17.41	17.20	17.52	18.50
	1 (RB_Pos:38)	17.32	17.24	17.37	18.50	17.25	17.18	17.43	18.50
	1 (RB_Pos:74)	17.23	17.39	17.26	18.50	17.31	17.43	17.53	18.50
	36 (RB_Pos:0)	17.48	17.44	17.53	18.50	17.41	17.16	17.18	18.50
	36 (RB_Pos:20)	17.30	17.55	17.20	18.50	17.30	17.38	17.45	18.50
	36 (RB_Pos:39)	17.39	17.51	17.27	18.50	17.33	17.51	17.22	18.50
	75 (RB_Pos:0)	17.40	17.16	17.46	18.50	17.16	17.15	17.15	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	17.36	17.55	17.22	18.50	17.54	17.38	17.51	18.50
	1 (RB_Pos:25)	17.27	17.41	17.26	18.50	17.21	17.33	17.49	18.50
	1 (RB_Pos:49)	17.19	17.42	17.45	18.50	17.35	17.45	17.53	18.50
	25 (RB_Pos:0)	17.25	17.20	17.36	18.50	17.17	17.33	17.40	18.50

	25 (RB_Pos:12)	17.27	17.25	17.37	18.50	17.50	17.28	17.18	18.50
	25 (RB_Pos:25)	17.19	17.39	17.54	18.50	17.29	17.46	17.34	18.50
	50 (RB_Pos:0)	17.39	17.48	17.51	18.50	17.15	17.32	17.20	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20775	21100	21425	limit (dBm)	20775	21100	21425	limit (dBm)
5MHz	1 (RB_Pos:0)	17.22	17.23	17.55	18.50	17.32	17.43	17.52	18.50
	1 (RB_Pos:13)	17.53	17.27	17.33	18.50	17.54	17.15	17.42	18.50
	1 (RB_Pos:24)	17.36	17.43	17.41	18.50	17.39	17.26	17.24	18.50
	12 (RB_Pos:0)	17.29	17.52	17.43	18.50	17.52	17.30	17.23	18.50
	12 (RB_Pos:6)	17.26	17.43	17.33	18.50	17.27	17.47	17.42	18.50
	12 (RB_Pos:13)	17.48	17.44	17.15	18.50	17.40	17.22	17.21	18.50
	25 (RB_Pos:0)	17.18	17.26	17.29	18.50	17.34	17.21	17.52	18.50

8.7.46 Power Reduced Level 6 for ANT 2 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20850	21100	21350	limit (dBm)	20850	21100	21350	limit (dBm)
20MHz	1 (RB_Pos:0)	13.73	13.85	13.90	15.50	13.72	13.79	13.76	15.50
	1 (RB_Pos:50)	13.90	13.84	13.68	15.50	13.89	13.78	13.89	15.50
	1 (RB_Pos:99)	13.88	13.84	13.93	15.50	13.65	13.93	13.73	15.50
	50 (RB_Pos:0)	13.69	13.68	13.80	15.50	13.83	13.71	13.80	15.50
	50 (RB_Pos:25)	13.67	13.89	13.83	15.50	13.86	13.89	13.72	15.50
	50 (RB_Pos:50)	13.90	13.70	13.73	15.50	13.80	13.94	13.67	15.50
	100 (RB_Pos:0)	13.87	13.92	13.87	15.50	13.78	13.70	13.79	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20825	21100	21375	limit (dBm)	20825	21100	21375	limit (dBm)
15MHz	1 (RB_Pos:0)	13.89	13.76	13.71	15.50	13.85	13.78	13.74	15.50
	1 (RB_Pos:38)	13.91	13.68	13.79	15.50	13.70	13.76	13.69	15.50
	1 (RB_Pos:74)	13.86	13.92	13.83	15.50	13.66	13.95	13.77	15.50
	36 (RB_Pos:0)	13.68	13.82	13.88	15.50	13.70	13.85	13.85	15.50
	36 (RB_Pos:20)	13.68	13.75	13.94	15.50	13.83	13.69	13.66	15.50
	36 (RB_Pos:39)	13.81	13.74	13.75	15.50	13.67	13.86	13.71	15.50
	75 (RB_Pos:0)	13.84	13.88	13.89	15.50	13.93	13.89	13.79	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20800	21100	21400	limit (dBm)	20800	21100	21400	limit (dBm)
10MHz	1 (RB_Pos:0)	13.72	13.77	13.85	15.50	13.66	13.83	13.75	15.50
	1 (RB_Pos:25)	13.78	13.75	13.77	15.50	13.70	13.84	13.82	15.50
	1 (RB_Pos:49)	13.89	13.83	13.93	15.50	13.78	13.67	13.72	15.50

	25 (RB_Pos:0)	13.80	13.78	13.77	15.50	13.84	13.70	13.67	15.50
	25 (RB_Pos:12)	13.73	13.94	13.71	15.50	13.75	13.68	13.67	15.50
	25 (RB_Pos:25)	13.65	13.83	13.71	15.50	13.90	13.88	13.77	15.50
	50 (RB_Pos:0)	13.89	13.93	13.86	15.50	13.78	13.94	13.78	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	13.78	13.85	13.66	15.50	13.70	13.73	13.83	15.50
	1 (RB_Pos:13)	13.71	13.86	13.95	15.50	13.80	13.93	13.76	15.50
	1 (RB_Pos:24)	13.82	13.92	13.71	15.50	13.95	13.66	13.89	15.50
	12 (RB_Pos:0)	13.90	13.90	13.70	15.50	13.73	13.70	13.86	15.50
	12 (RB_Pos:6)	13.91	13.81	13.89	15.50	13.73	13.71	13.81	15.50
	12 (RB_Pos:13)	13.86	13.92	13.82	15.50	13.93	13.69	13.85	15.50
	25 (RB_Pos:0)	13.88	13.88	13.74	15.50	13.74	13.69	13.84	15.50

8.7.47 Power Reduced Level 7&8 for ANT 2 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	14.79	14.61	14.58	16.50	14.64	14.61	14.58	16.50
	1 (RB_Pos:50)	14.62	14.85	14.59	16.50	14.59	14.83	14.70	16.50
	1 (RB_Pos:99)	14.76	14.81	14.76	16.50	14.76	14.74	14.85	16.50
	50 (RB_Pos:0)	14.80	14.55	14.82	16.50	14.78	14.84	14.83	16.50
	50 (RB_Pos:25)	14.60	14.55	14.84	16.50	14.79	14.60	14.71	16.50
	50 (RB_Pos:50)	14.62	14.71	14.67	16.50	14.71	14.77	14.68	16.50
	100 (RB_Pos:0)	14.60	14.66	14.57	16.50	14.73	14.74	14.71	16.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	14.63	14.68	14.70	16.50	14.65	14.85	14.68	16.50
	1 (RB_Pos:38)	14.72	14.61	14.68	16.50	14.73	14.58	14.78	16.50
	1 (RB_Pos:74)	14.60	14.75	14.75	16.50	14.65	14.71	14.78	16.50
	36 (RB_Pos:0)	14.56	14.85	14.61	16.50	14.83	14.61	14.67	16.50
	36 (RB_Pos:20)	14.57	14.57	14.75	16.50	14.71	14.62	14.71	16.50
	36 (RB_Pos:39)	14.65	14.84	14.72	16.50	14.63	14.55	14.78	16.50
	75 (RB_Pos:0)	14.63	14.82	14.64	16.50	14.66	14.79	14.72	16.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	14.61	14.57	14.69	16.50	14.60	14.63	14.57	16.50
	1 (RB_Pos:25)	14.72	14.77	14.61	16.50	14.55	14.72	14.76	16.50

	1 (RB_Pos:49)	14.55	14.62	14.72	16.50	14.72	14.59	14.71	16.50
	25 (RB_Pos:0)	14.85	14.60	14.63	16.50	14.78	14.61	14.61	16.50
	25 (RB_Pos:12)	14.60	14.62	14.76	16.50	14.55	14.59	14.83	16.50
	25 (RB_Pos:25)	14.75	14.71	14.77	16.50	14.76	14.73	14.64	16.50
	50 (RB_Pos:0)	14.63	14.65	14.68	16.50	14.75	14.85	14.66	16.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	14.81	14.76	14.84	16.50	14.72	14.85	14.80	16.50
	1 (RB_Pos:13)	14.64	14.69	14.75	16.50	14.65	14.60	14.76	16.50
	1 (RB_Pos:24)	14.67	14.76	14.72	16.50	14.70	14.56	14.75	16.50
	12 (RB_Pos:0)	14.64	14.58	14.71	16.50	14.76	14.60	14.85	16.50
	12 (RB_Pos:6)	14.78	14.84	14.62	16.50	14.77	14.74	14.66	16.50
	12 (RB_Pos:13)	14.62	14.74	14.68	16.50	14.56	14.73	14.71	16.50
	25 (RB_Pos:0)	14.71	14.59	14.56	16.50	14.56	14.60	14.84	16.50

8.7.48 Power Reduced Level 1 for ANT 0 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	17.73	17.68	17.64	19.00	17.93	17.87	17.86	19.00
	1 (RB_Pos:50)	17.67	17.69	17.70	19.00	17.82	17.82	17.60	19.00
	1 (RB_Pos:99)	17.59	17.74	17.66	19.00	17.59	17.59	17.85	19.00
	50 (RB_Pos:0)	17.54	17.61	17.58	19.00	17.76	17.61	17.89	19.00
	50 (RB_Pos:25)	17.52	17.59	17.60	19.00	17.63	17.77	17.88	19.00
	50 (RB_Pos:50)	17.57	17.62	17.60	19.00	17.90	17.82	17.85	19.00
	100 (RB_Pos:0)	17.68	17.71	17.65	19.00	17.59	17.63	17.61	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	17.53	17.62	17.61	19.00	17.78	17.60	17.82	19.00
	1 (RB_Pos:38)	17.62	17.66	17.56	19.00	17.88	17.67	17.57	19.00
	1 (RB_Pos:74)	17.64	17.77	17.65	19.00	17.67	17.66	17.57	19.00
	36 (RB_Pos:0)	17.64	17.75	17.62	19.00	17.78	17.59	17.92	19.00
	36 (RB_Pos:20)	17.75	17.73	17.77	19.00	17.73	17.64	17.76	19.00
	36 (RB_Pos:39)	17.82	17.69	17.67	19.00	17.63	17.68	17.71	19.00
	75 (RB_Pos:0)	17.61	17.87	17.55	19.00	17.73	17.91	17.89	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	17.74	17.82	17.78	19.00	17.74	17.65	17.69	19.00

	1 (RB_Pos:25)	17.69	17.89	17.78	19.00	17.60	17.59	17.86	19.00
	1 (RB_Pos:49)	17.66	17.78	17.88	19.00	17.84	17.75	17.83	19.00
	25 (RB_Pos:0)	17.65	17.91	17.84	19.00	17.81	17.58	17.74	19.00
	25 (RB_Pos:12)	17.68	17.95	17.89	19.00	17.57	17.76	17.67	19.00
	25 (RB_Pos:25)	17.80	17.87	17.62	19.00	17.61	17.88	17.62	19.00
	50 (RB_Pos:0)	17.83	17.80	17.90	19.00	17.80	17.61	17.56	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	17.72	17.73	17.69	19.00	17.60	17.59	17.60	19.00
	1 (RB_Pos:13)	17.92	17.93	17.84	19.00	17.64	17.87	17.74	19.00
	1 (RB_Pos:24)	17.74	17.83	17.59	19.00	17.87	17.90	17.60	19.00
	12 (RB_Pos:0)	17.63	17.89	17.80	19.00	17.60	17.87	17.76	19.00
	12 (RB_Pos:6)	17.76	17.58	17.61	19.00	17.62	17.85	17.57	19.00
	12 (RB_Pos:13)	17.72	17.58	17.75	19.00	17.81	17.74	17.57	19.00
	25 (RB_Pos:0)	17.58	17.72	17.87	19.00	17.82	17.61	17.57	19.00

8.7.49 Power Reduced Level 2&3&4 for ANT 0 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	16.38	16.16	16.25	17.50	16.47	16.24	16.41	17.50
	1 (RB_Pos:50)	16.21	16.23	16.39	17.50	16.31	16.54	16.21	17.50
	1 (RB_Pos:99)	16.17	16.51	16.32	17.50	16.41	16.46	16.30	17.50
	50 (RB_Pos:0)	16.43	16.34	16.28	17.50	16.51	16.47	16.37	17.50
	50 (RB_Pos:25)	16.22	16.52	16.45	17.50	16.27	16.24	16.38	17.50
	50 (RB_Pos:50)	16.40	16.39	16.40	17.50	16.39	16.29	16.29	17.50
	100 (RB_Pos:0)	16.37	16.41	16.37	17.50	16.45	16.16	16.16	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	16.20	16.44	16.38	17.50	16.36	16.19	16.17	17.50
	1 (RB_Pos:38)	16.23	16.26	16.20	17.50	16.44	16.24	16.41	17.50
	1 (RB_Pos:74)	16.42	16.16	16.31	17.50	16.19	16.44	16.43	17.50
	36 (RB_Pos:0)	16.43	16.22	16.46	17.50	16.28	16.31	16.43	17.50
	36 (RB_Pos:20)	16.20	16.37	16.25	17.50	16.19	16.30	16.49	17.50
	36 (RB_Pos:39)	16.23	16.46	16.23	17.50	16.27	16.35	16.21	17.50
	75 (RB_Pos:0)	16.21	16.51	16.21	17.50	16.50	16.40	16.20	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	

10MHz	1 (RB_Pos:0)	16.46	16.55	16.39	17.50	16.33	16.36	16.45	17.50
	1 (RB_Pos:25)	16.23	16.15	16.36	17.50	16.20	16.49	16.39	17.50
	1 (RB_Pos:49)	16.54	16.31	16.25	17.50	16.50	16.22	16.28	17.50
	25 (RB_Pos:0)	16.27	16.35	16.50	17.50	16.36	16.36	16.28	17.50
	25 (RB_Pos:12)	16.35	16.28	16.19	17.50	16.17	16.16	16.44	17.50
	25 (RB_Pos:25)	16.28	16.25	16.16	17.50	16.34	16.52	16.35	17.50
	50 (RB_Pos:0)	16.40	16.49	16.41	17.50	16.41	16.29	16.23	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	16.40	16.39	16.19	17.50	16.24	16.52	16.43	17.50
	1 (RB_Pos:13)	16.28	16.26	16.47	17.50	16.42	16.43	16.53	17.50
	1 (RB_Pos:24)	16.30	16.31	16.34	17.50	16.40	16.18	16.31	17.50
	12 (RB_Pos:0)	16.38	16.33	16.45	17.50	16.34	16.50	16.26	17.50
	12 (RB_Pos:6)	16.37	16.38	16.19	17.50	16.29	16.41	16.38	17.50
	12 (RB_Pos:13)	16.51	16.39	16.55	17.50	16.36	16.50	16.21	17.50
	25 (RB_Pos:0)	16.31	16.24	16.16	17.50	16.38	16.51	16.33	17.50

8.7.50 Power Reduced Level 5 for ANT 0&ANT3 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	22.57	22.47	22.41	24.00	22.61	22.41	22.51	24.00
	1 (RB_Pos:50)	22.43	22.70	22.65	24.00	22.59	22.62	22.60	24.00
	1 (RB_Pos:99)	22.64	22.47	22.41	24.00	22.40	22.64	22.47	24.00
	50 (RB_Pos:0)	22.48	22.56	22.64	24.00	22.61	22.67	22.46	24.00
	50 (RB_Pos:25)	22.57	22.41	22.49	24.00	22.53	22.59	22.55	24.00
	50 (RB_Pos:50)	22.58	22.60	22.68	24.00	22.70	22.63	22.59	24.00
	100 (RB_Pos:0)	22.45	22.54	22.53	24.00	22.41	22.46	22.59	24.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	22.56	22.64	22.54	24.00	22.50	22.50	22.50	24.00
	1 (RB_Pos:38)	22.62	22.66	22.45	24.00	22.63	22.56	22.56	24.00
	1 (RB_Pos:74)	22.43	22.58	22.46	24.00	22.52	22.56	22.45	24.00
	36 (RB_Pos:0)	22.57	22.61	22.60	24.00	22.46	22.56	22.42	24.00
	36 (RB_Pos:20)	22.68	22.70	22.42	24.00	22.59	22.57	22.45	24.00
	36 (RB_Pos:39)	22.52	22.43	22.66	24.00	22.54	22.46	22.41	24.00
	75 (RB_Pos:0)	22.55	22.64	22.46	24.00	22.60	22.68	22.63	24.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit	16QAM			Tune up limit
	Channel	20800	21100	21400		20800	21100	21400	

					(dBm)				(dBm)
10MHz	1 (RB_Pos:0)	22.45	22.49	22.68	24.00	22.65	22.63	22.57	24.00
	1 (RB_Pos:25)	22.42	22.49	22.53	24.00	22.70	22.67	22.55	24.00
	1 (RB_Pos:49)	22.62	22.40	22.68	24.00	22.69	22.45	22.48	24.00
	25 (RB_Pos:0)	22.50	22.42	22.62	24.00	22.51	22.64	22.54	24.00
	25 (RB_Pos:12)	22.54	22.44	22.59	24.00	22.42	22.54	22.63	24.00
	25 (RB_Pos:25)	22.57	22.55	22.53	24.00	22.46	22.45	22.68	24.00
	50 (RB_Pos:0)	22.51	22.70	22.69	24.00	22.56	22.67	22.60	24.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	22.64	22.48	22.44	24.00	22.67	22.60	22.46	24.00
	1 (RB_Pos:13)	22.61	22.58	22.49	24.00	22.43	22.61	22.54	24.00
	1 (RB_Pos:24)	22.51	22.56	22.52	24.00	22.49	22.41	22.61	24.00
	12 (RB_Pos:0)	22.48	22.50	22.46	24.00	22.56	22.43	22.43	24.00
	12 (RB_Pos:6)	22.53	22.51	22.41	24.00	22.54	22.58	22.40	24.00
	12 (RB_Pos:13)	22.42	22.65	22.61	24.00	22.54	22.43	22.66	24.00
	25 (RB_Pos:0)	22.61	22.54	22.70	24.00	22.44	22.48	22.69	24.00

8.7.51 Power Reduced Level 6 for ANT 0 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20850	21100	21350		20850	21100	21350	
20MHz	1 (RB_Pos:0)	19.97	19.84	19.87	21.00	19.86	19.76	19.77	21.00
	1 (RB_Pos:50)	19.75	19.77	19.85	21.00	19.92	19.72	19.85	21.00
	1 (RB_Pos:99)	19.95	19.85	19.81	21.00	19.73	19.82	19.95	21.00
	50 (RB_Pos:0)	19.71	19.95	19.68	21.00	19.70	19.97	19.86	21.00
	50 (RB_Pos:25)	19.82	19.87	19.67	21.00	19.77	19.80	19.94	21.00
	50 (RB_Pos:50)	19.94	19.86	19.76	21.00	19.71	19.70	19.81	21.00
	100 (RB_Pos:0)	19.77	19.78	19.76	21.00	19.93	19.91	19.72	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20825	21100	21375		20825	21100	21375	
15MHz	1 (RB_Pos:0)	19.90	19.69	19.78	21.00	19.87	19.95	19.75	21.00
	1 (RB_Pos:38)	19.91	19.71	19.76	21.00	19.76	19.96	19.91	21.00
	1 (RB_Pos:74)	19.76	19.86	19.69	21.00	19.75	19.76	19.80	21.00
	36 (RB_Pos:0)	19.85	19.94	19.67	21.00	19.72	19.87	19.91	21.00
	36 (RB_Pos:20)	19.69	19.77	19.87	21.00	19.67	19.95	19.78	21.00
	36 (RB_Pos:39)	19.96	19.87	19.97	21.00	19.69	19.87	19.95	21.00
	75 (RB_Pos:0)	19.73	19.95	19.88	21.00	19.89	19.78	19.79	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up

	Channel	20800	21100	21400	limit (dBm)	20800	21100	21400	limit (dBm)
10MHz	1 (RB_Pos:0)	19.78	19.95	19.73	21.00	19.82	19.85	19.92	21.00
	1 (RB_Pos:25)	19.70	19.86	19.83	21.00	19.87	19.81	19.84	21.00
	1 (RB_Pos:49)	19.69	19.71	19.70	21.00	19.75	19.81	19.86	21.00
	25 (RB_Pos:0)	19.69	19.70	19.92	21.00	19.91	19.74	19.82	21.00
	25 (RB_Pos:12)	19.76	19.94	19.68	21.00	19.84	19.73	19.78	21.00
	25 (RB_Pos:25)	19.68	19.80	19.76	21.00	19.93	19.95	19.68	21.00
	50 (RB_Pos:0)	19.69	19.74	19.86	21.00	19.77	19.89	19.97	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20775	21100	21425	limit (dBm)	20775	21100	21425	limit (dBm)
5MHz	1 (RB_Pos:0)	19.81	19.94	19.74	21.00	19.92	19.76	19.81	21.00
	1 (RB_Pos:13)	19.79	19.84	19.77	21.00	19.89	19.90	19.96	21.00
	1 (RB_Pos:24)	19.81	19.77	19.87	21.00	19.89	19.72	19.77	21.00
	12 (RB_Pos:0)	19.75	19.91	19.94	21.00	19.71	19.94	19.95	21.00
	12 (RB_Pos:6)	19.74	19.96	19.78	21.00	19.75	19.73	19.80	21.00
	12 (RB_Pos:13)	19.73	19.75	19.72	21.00	19.91	19.76	19.87	21.00
	25 (RB_Pos:0)	19.88	19.94	19.84	21.00	19.85	19.72	19.95	21.00

8.7.52 Power Reduced Level 7&8 for ANT 0 and Level 6&7&8 for ANT 3 of LTE Band 7

FDD LTE Band 7									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20850	21100	21350	limit (dBm)	20850	21100	21350	limit (dBm)
20MHz	1 (RB_Pos:0)	20.52	20.68	20.51	22.00	20.54	20.43	20.60	22.00
	1 (RB_Pos:50)	20.62	20.52	20.41	22.00	20.67	20.57	20.45	22.00
	1 (RB_Pos:99)	20.47	20.60	20.67	22.00	20.52	20.53	20.45	22.00
	50 (RB_Pos:0)	20.41	20.46	20.66	22.00	20.61	20.42	20.51	22.00
	50 (RB_Pos:25)	20.40	20.50	20.56	22.00	20.55	20.52	20.63	22.00
	50 (RB_Pos:50)	20.53	20.48	20.47	22.00	20.52	20.48	20.65	22.00
	100 (RB_Pos:0)	20.63	20.67	20.58	22.00	20.59	20.64	20.46	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	20825	21100	21375	limit (dBm)	20825	21100	21375	limit (dBm)
15MHz	1 (RB_Pos:0)	20.65	20.61	20.44	22.00	20.62	20.56	20.41	22.00
	1 (RB_Pos:38)	20.67	20.51	20.63	22.00	20.42	20.62	20.49	22.00
	1 (RB_Pos:74)	20.44	20.62	20.44	22.00	20.66	20.43	20.53	22.00
	36 (RB_Pos:0)	20.44	20.58	20.45	22.00	20.40	20.68	20.44	22.00
	36 (RB_Pos:20)	20.66	20.65	20.57	22.00	20.45	20.56	20.63	22.00
	36 (RB_Pos:39)	20.42	20.43	20.68	22.00	20.51	20.50	20.61	22.00
	75 (RB_Pos:0)	20.47	20.58	20.57	22.00	20.46	20.51	20.42	22.00
Bandwidth	RB Set	Power (dBm)							

(MHz)		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20800	21100	21400		20800	21100	21400	
10MHz	1 (RB_Pos:0)	20.63	20.41	20.66	22.00	20.52	20.51	20.62	22.00
	1 (RB_Pos:25)	20.58	20.58	20.63	22.00	20.44	20.63	20.42	22.00
	1 (RB_Pos:49)	20.44	20.39	20.58	22.00	20.48	20.64	20.39	22.00
	25 (RB_Pos:0)	20.52	20.60	20.49	22.00	20.45	20.43	20.49	22.00
	25 (RB_Pos:12)	20.41	20.39	20.50	22.00	20.55	20.43	20.53	22.00
	25 (RB_Pos:25)	20.44	20.64	20.43	22.00	20.42	20.41	20.58	22.00
	50 (RB_Pos:0)	20.47	20.52	20.69	22.00	20.63	20.45	20.58	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	20775	21100	21425		20775	21100	21425	
5MHz	1 (RB_Pos:0)	20.53	20.40	20.65	22.00	20.59	20.69	20.55	22.00
	1 (RB_Pos:13)	20.43	20.63	20.61	22.00	20.41	20.64	20.63	22.00
	1 (RB_Pos:24)	20.63	20.54	20.55	22.00	20.61	20.52	20.69	22.00
	12 (RB_Pos:0)	20.52	20.52	20.49	22.00	20.58	20.40	20.58	22.00
	12 (RB_Pos:6)	20.62	20.63	20.53	22.00	20.65	20.62	20.53	22.00
	12 (RB_Pos:13)	20.40	20.52	20.62	22.00	20.51	20.51	20.58	22.00
	25 (RB_Pos:0)	20.47	20.67	20.44	22.00	20.65	20.52	20.62	22.00

8.7.53 Power Reduced Level 2&3&4-ANT 0 of LTE Band 12

FDD LTE Band 12									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23060	23095	23130		23060	23095	23130	
10MHz	1 (RB_Pos:0)	20.90	20.74	20.70	22.00	20.65	20.89	20.69	22.00
	1 (RB_Pos:50)	20.79	20.65	20.68	22.00	20.77	20.67	20.79	22.00
	1 (RB_Pos:99)	20.85	20.65	20.65	22.00	20.87	20.76	20.70	22.00
	50 (RB_Pos:0)	20.80	20.62	20.82	22.00	20.89	20.84	20.76	22.00
	50 (RB_Pos:25)	20.70	20.77	20.68	22.00	20.61	20.90	20.78	22.00
	50 (RB_Pos:50)	20.64	20.61	20.83	22.00	20.82	20.67	20.83	22.00
	100 (RB_Pos:0)	20.72	20.66	20.69	22.00	20.83	20.72	20.71	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23035	23095	23155		23035	23095	23155	
5MHz	1 (RB_Pos:0)	20.76	20.76	20.63	22.00	20.69	20.71	20.86	22.00
	1 (RB_Pos:38)	20.86	20.62	20.74	22.00	20.76	20.62	20.71	22.00
	1 (RB_Pos:74)	20.76	20.66	20.63	22.00	20.66	20.84	20.70	22.00
	36 (RB_Pos:0)	20.88	20.64	20.90	22.00	20.73	20.71	20.75	22.00
	36 (RB_Pos:20)	20.81	20.71	20.64	22.00	20.77	20.73	20.82	22.00
	36 (RB_Pos:39)	20.64	20.87	20.77	22.00	20.78	20.69	20.70	22.00
	75 (RB_Pos:0)	20.81	20.83	20.80	22.00	20.77	20.76	20.64	22.00

Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23025	23095	23165		23025	23095	23165	
3MHz	1 (RB_Pos:0)	20.82	20.77	20.85	22.00	20.62	20.89	20.87	22.00
	1 (RB_Pos:25)	20.82	20.77	20.81	22.00	20.77	20.73	20.75	22.00
	1 (RB_Pos:49)	20.82	20.85	20.83	22.00	20.80	20.84	20.66	22.00
	25 (RB_Pos:0)	20.74	20.80	20.69	22.00	20.85	20.81	20.79	22.00
	25 (RB_Pos:12)	20.72	20.65	20.73	22.00	20.81	20.82	20.66	22.00
	25 (RB_Pos:25)	20.70	20.61	20.84	22.00	20.69	20.68	20.87	22.00
	50 (RB_Pos:0)	20.60	20.87	20.67	22.00	20.62	20.77	20.86	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23017	23095	23173		23017	23095	23173	
1.4MHz	1 (RB_Pos:0)	20.79	20.70	20.75	22.00	20.78	20.66	20.60	22.00
	1 (RB_Pos:13)	20.90	20.66	20.84	22.00	20.80	20.83	20.64	22.00
	1 (RB_Pos:24)	20.74	20.62	20.72	22.00	20.88	20.63	20.86	22.00
	12 (RB_Pos:0)	20.77	20.87	20.81	22.00	20.63	20.88	20.71	22.00
	12 (RB_Pos:6)	20.71	20.72	20.71	22.00	20.70	20.62	20.63	22.00
	12 (RB_Pos:13)	20.73	20.74	20.62	22.00	20.84	20.61	20.77	22.00
	25 (RB_Pos:0)	20.84	20.84	20.82	22.00	20.63	20.70	20.70	22.00

8.7.54 Power Reduced Level 5 for ANT 0 of LTE Band 12

FDD LTE Band 12									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23060	23095	23130		23060	23095	23130	
10MHz	1 (RB_Pos:0)	21.62	21.48	21.62	23.00	21.62	21.66	21.58	23.00
	1 (RB_Pos:50)	21.58	21.47	21.54	23.00	21.50	21.42	21.50	23.00
	1 (RB_Pos:99)	21.66	21.41	21.65	23.00	21.54	21.65	21.62	23.00
	50 (RB_Pos:0)	21.69	21.63	21.46	23.00	21.66	21.51	21.50	23.00
	50 (RB_Pos:25)	21.64	21.56	21.56	23.00	21.49	21.64	21.48	23.00
	50 (RB_Pos:50)	21.65	21.52	21.56	23.00	21.58	21.55	21.57	23.00
	100 (RB_Pos:0)	21.64	21.46	21.60	23.00	21.46	21.46	21.65	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23035	23095	23155		23035	23095	23155	
5MHz	1 (RB_Pos:0)	21.48	21.69	21.52	23.00	21.41	21.52	21.60	23.00
	1 (RB_Pos:38)	21.45	21.62	21.59	23.00	21.44	21.59	21.50	23.00
	1 (RB_Pos:74)	21.44	21.57	21.61	23.00	21.52	21.58	21.55	23.00
	36 (RB_Pos:0)	21.62	21.58	21.58	23.00	21.46	21.49	21.67	23.00
	36 (RB_Pos:20)	21.61	21.57	21.41	23.00	21.64	21.62	21.49	23.00
	36 (RB_Pos:39)	21.68	21.51	21.60	23.00	21.53	21.53	21.44	23.00

	75 (RB_Pos:0)	21.49	21.41	21.47	23.00	21.46	21.50	21.68	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23025	23095	23165		23025	23095	23165	
3MHz	1 (RB_Pos:0)	21.63	21.57	21.53	23.00	21.57	21.57	21.61	23.00
	1 (RB_Pos:25)	21.57	21.52	21.54	23.00	21.54	21.62	21.50	23.00
	1 (RB_Pos:49)	21.56	21.56	21.67	23.00	21.58	21.58	21.50	23.00
	25 (RB_Pos:0)	21.65	21.57	21.54	23.00	21.63	21.54	21.47	23.00
	25 (RB_Pos:12)	21.46	21.56	21.63	23.00	21.51	21.51	21.62	23.00
	25 (RB_Pos:25)	21.54	21.52	21.53	23.00	21.43	21.56	21.69	23.00
	50 (RB_Pos:0)	21.60	21.50	21.57	23.00	21.46	21.53	21.51	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23017	23095	23173		23017	23095	23173	
1.4MHz	1 (RB_Pos:0)	21.49	21.52	21.45	23.00	21.70	21.64	21.49	23.00
	1 (RB_Pos:13)	21.67	21.68	21.53	23.00	21.67	21.46	21.64	23.00
	1 (RB_Pos:24)	21.60	21.59	21.68	23.00	21.66	21.54	21.67	23.00
	12 (RB_Pos:0)	21.50	21.55	21.50	23.00	21.52	21.45	21.60	23.00
	12 (RB_Pos:6)	21.63	21.64	21.67	23.00	21.68	21.59	21.68	23.00
	12 (RB_Pos:13)	21.63	21.59	21.43	23.00	21.64	21.47	21.58	23.00
	25 (RB_Pos:0)	21.64	21.63	21.65	23.00	21.40	21.51	21.66	23.00

8.7.55 Power Reduced Level 6&7&8 for ANT 0 of LTE Band 12

FDD LTE Band 12									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23060	23095	23130		23060	23095	23130	
10MHz	1 (RB_Pos:0)	19.75	19.79	19.92	21.00	19.82	19.76	19.97	21.00
	1 (RB_Pos:50)	19.71	19.75	19.90	21.00	19.98	19.93	19.75	21.00
	1 (RB_Pos:99)	19.83	19.80	19.98	21.00	19.96	19.92	19.75	21.00
	50 (RB_Pos:0)	19.95	19.73	19.89	21.00	19.90	19.97	19.88	21.00
	50 (RB_Pos:25)	19.92	19.97	19.86	21.00	19.76	19.79	19.85	21.00
	50 (RB_Pos:50)	19.77	19.87	19.84	21.00	19.80	19.94	19.80	21.00
	100 (RB_Pos:0)	19.80	19.98	19.94	21.00	19.87	19.97	19.87	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23035	23095	23155		23035	23095	23155	
5MHz	1 (RB_Pos:0)	19.94	19.86	19.92	21.00	19.95	19.92	19.74	21.00
	1 (RB_Pos:38)	19.81	19.91	19.85	21.00	19.93	19.73	19.85	21.00
	1 (RB_Pos:74)	19.92	19.71	19.98	21.00	19.74	19.76	19.75	21.00
	36 (RB_Pos:0)	19.91	19.92	19.93	21.00	19.76	19.90	19.96	21.00
	36 (RB_Pos:20)	19.84	19.85	19.74	21.00	19.92	19.81	19.92	21.00

	36 (RB_Pos:39)	19.98	19.97	19.92	21.00	19.94	19.71	19.85	21.00
	75 (RB_Pos:0)	19.85	19.96	19.76	21.00	19.97	19.70	19.77	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23025	23095	23165		23025	23095	23165	
3MHz	1 (RB_Pos:0)	19.90	19.78	19.78	21.00	19.72	19.87	19.99	21.00
	1 (RB_Pos:25)	19.85	19.78	19.82	21.00	19.92	19.99	19.98	21.00
	1 (RB_Pos:49)	19.73	19.78	19.72	21.00	19.80	19.87	19.75	21.00
	25 (RB_Pos:0)	19.85	19.80	19.82	21.00	19.77	19.89	19.91	21.00
	25 (RB_Pos:12)	19.98	19.71	19.99	21.00	19.93	19.98	19.76	21.00
	25 (RB_Pos:25)	19.74	19.85	20.00	21.00	19.80	19.80	19.71	21.00
	50 (RB_Pos:0)	19.86	19.77	19.74	21.00	19.83	19.71	19.82	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23017	23095	23173		23017	23095	23173	
1.4MHz	1 (RB_Pos:0)	19.97	19.87	19.77	21.00	19.84	19.92	19.86	21.00
	1 (RB_Pos:13)	19.92	19.80	19.83	21.00	19.97	19.89	19.77	21.00
	1 (RB_Pos:24)	19.91	19.87	19.96	21.00	19.96	19.78	20.00	21.00
	12 (RB_Pos:0)	19.83	19.85	19.85	21.00	19.89	19.85	19.71	21.00
	12 (RB_Pos:6)	19.94	19.98	19.74	21.00	19.75	19.81	19.75	21.00
	12 (RB_Pos:13)	19.83	19.91	19.84	21.00	19.73	19.98	19.95	21.00
	25 (RB_Pos:0)	19.80	19.77	19.79	21.00	19.96	19.78	19.89	21.00

8.7.56 Power Reduced Level 6&7&8 for ANT 1 of LTE Band 12

FDD LTE Band 12									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23060	23095	23130		23060	23095	23130	
10MHz	1 (RB_Pos:0)	20.12	20.11	20.10	21.50	20.35	20.38	20.17	21.50
	1 (RB_Pos:50)	20.15	20.25	20.19	21.50	20.38	20.17	20.27	21.50
	1 (RB_Pos:99)	20.25	20.21	20.36	21.50	20.31	20.11	20.15	21.50
	50 (RB_Pos:0)	20.16	20.28	20.33	21.50	20.27	20.16	20.24	21.50
	50 (RB_Pos:25)	20.24	20.20	20.36	21.50	20.31	20.35	20.12	21.50
	50 (RB_Pos:50)	20.34	20.35	20.13	21.50	20.23	20.18	20.20	21.50
	100 (RB_Pos:0)	20.33	20.14	20.24	21.50	20.25	20.31	20.35	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23035	23095	23155		23035	23095	23155	
5MHz	1 (RB_Pos:0)	20.22	20.23	20.27	21.50	20.18	20.13	20.21	21.50
	1 (RB_Pos:38)	20.34	20.33	20.29	21.50	20.28	20.19	20.11	21.50
	1 (RB_Pos:74)	20.34	20.32	20.34	21.50	20.29	20.30	20.20	21.50
	36 (RB_Pos:0)	20.26	20.35	20.10	21.50	20.24	20.26	20.27	21.50

	36 (RB_Pos:20)	20.33	20.16	20.36	21.50	20.39	20.21	20.16	21.50
	36 (RB_Pos:39)	20.30	20.34	20.22	21.50	20.26	20.15	20.39	21.50
	75 (RB_Pos:0)	20.17	20.33	20.17	21.50	20.38	20.15	20.19	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	23025	23095	23165	limit (dBm)	23025	23095	23165	limit (dBm)
3MHz	1 (RB_Pos:0)	20.15	20.28	20.35	21.50	20.15	20.31	20.16	21.50
	1 (RB_Pos:25)	20.39	20.28	20.29	21.50	20.23	20.39	20.24	21.50
	1 (RB_Pos:49)	20.20	20.27	20.30	21.50	20.30	20.36	20.25	21.50
	25 (RB_Pos:0)	20.23	20.18	20.13	21.50	20.13	20.20	20.20	21.50
	25 (RB_Pos:12)	20.39	20.23	20.23	21.50	20.11	20.35	20.32	21.50
	25 (RB_Pos:25)	20.38	20.11	20.38	21.50	20.26	20.26	20.25	21.50
	50 (RB_Pos:0)	20.32	20.18	20.32	21.50	20.16	20.33	20.34	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	23017	23095	23173	limit (dBm)	23017	23095	23173	limit (dBm)
1.4MHz	1 (RB_Pos:0)	20.35	20.35	20.26	21.50	20.14	20.19	20.10	21.50
	1 (RB_Pos:13)	20.37	20.14	20.32	21.50	20.19	20.37	20.20	21.50
	1 (RB_Pos:24)	20.23	20.13	20.10	21.50	20.19	20.29	20.13	21.50
	12 (RB_Pos:0)	20.35	20.26	20.10	21.50	20.18	20.18	20.35	21.50
	12 (RB_Pos:6)	20.16	20.29	20.18	21.50	20.17	20.12	20.11	21.50
	12 (RB_Pos:13)	20.19	20.33	20.21	21.50	20.27	20.37	20.20	21.50
	25 (RB_Pos:0)	20.36	20.40	20.12	21.50	20.16	20.27	20.32	21.50

8.7.57 Power Reduced Level 2&3&4 for ANT 0 and Level 6&7&8 for ANT 1 of LTE Band 17

FDD LTE Band 17									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	23780	23790	23800	limit (dBm)	23780	23790	23800	limit (dBm)
10MHz	1 (RB_Pos:0)	20.66	20.85	20.84	21.80	20.74	20.69	20.68	21.80
	1 (RB_Pos:50)	20.80	20.74	20.90	21.80	20.67	20.82	20.87	21.80
	1 (RB_Pos:99)	20.75	20.68	20.63	21.80	20.75	20.67	20.74	21.80
	50 (RB_Pos:0)	20.81	20.68	20.85	21.80	20.60	20.83	20.79	21.80
	50 (RB_Pos:25)	20.82	20.61	20.76	21.80	20.65	20.80	20.72	21.80
	50 (RB_Pos:50)	20.70	20.80	20.70	21.80	20.69	20.79	20.76	21.80
	100 (RB_Pos:0)	20.78	20.81	20.83	21.80	20.62	20.63	20.66	21.80
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	23755	23790	23825	limit (dBm)	23755	23790	23825	limit (dBm)
5MHz	1 (RB_Pos:0)	20.60	20.86	20.71	21.80	20.85	20.83	20.76	21.80
	1 (RB_Pos:38)	20.66	20.85	20.69	21.80	20.67	20.71	20.90	21.80
	1 (RB_Pos:74)	20.90	20.83	20.80	21.80	20.75	20.72	20.62	21.80

	36 (RB_Pos:0)	20.74	20.86	20.81	21.80	20.84	20.84	20.67	21.80
	36 (RB_Pos:20)	20.87	20.80	20.74	21.80	20.70	20.81	20.89	21.80
	36 (RB_Pos:39)	20.81	20.82	20.67	21.80	20.82	20.65	20.69	21.80
	75 (RB_Pos:0)	20.90	20.90	20.61	21.80	20.81	20.89	20.65	21.80

8.7.58 Power Reduced Level 5 for ANT 0 of LTE Band 17

FDD LTE Band 17									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23780	23790	23800		23780	23790	23800	
10MHz	1 (RB_Pos:0)	21.41	21.31	21.44	22.80	21.33	21.26	21.50	22.80
	1 (RB_Pos:50)	21.43	21.34	21.36	22.80	21.46	21.25	21.27	22.80
	1 (RB_Pos:99)	21.27	21.25	21.50	22.80	21.30	21.22	21.31	22.80
	50 (RB_Pos:0)	21.44	21.30	21.47	22.80	21.46	21.47	21.40	22.80
	50 (RB_Pos:25)	21.48	21.41	21.38	22.80	21.42	21.24	21.42	22.80
	50 (RB_Pos:50)	21.47	21.49	21.31	22.80	21.27	21.44	21.33	22.80
	100 (RB_Pos:0)	21.30	21.42	21.32	22.80	21.32	21.44	21.23	22.80
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23755	23790	23825		23755	23790	23825	
5MHz	1 (RB_Pos:0)	21.26	21.48	21.38	22.80	21.20	21.27	21.25	22.80
	1 (RB_Pos:38)	21.38	21.42	21.31	22.80	21.48	21.50	21.45	22.80
	1 (RB_Pos:74)	21.22	21.38	21.24	22.80	21.44	21.50	21.23	22.80
	36 (RB_Pos:0)	21.29	21.37	21.50	22.80	21.40	21.36	21.26	22.80
	36 (RB_Pos:20)	21.22	21.49	21.47	22.80	21.25	21.24	21.43	22.80
	36 (RB_Pos:39)	21.37	21.35	21.45	22.80	21.34	21.47	21.49	22.80
	75 (RB_Pos:0)	21.37	21.34	21.22	22.80	21.32	21.50	21.39	22.80

8.7.59 Power Reduced Level 6&7&8 for ANT 0 of LTE Band 17

FDD LTE Band 17									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23780	23790	23800		23780	23790	23800	
10MHz	1 (RB_Pos:0)	19.83	19.78	19.73	21.30	19.76	19.76	19.92	21.30
	1 (RB_Pos:50)	19.92	19.99	20.00	21.30	19.75	19.71	19.76	21.30
	1 (RB_Pos:99)	19.91	19.82	19.80	21.30	19.80	19.82	19.80	21.30
	50 (RB_Pos:0)	19.75	19.72	19.82	21.30	19.94	19.90	19.77	21.30
	50 (RB_Pos:25)	19.76	19.78	19.85	21.30	19.79	19.70	19.73	21.30
	50 (RB_Pos:50)	19.91	19.74	19.92	21.30	19.75	19.86	19.87	21.30
	100 (RB_Pos:0)	19.71	19.84	19.83	21.30	19.70	19.79	19.98	21.30
Bandwidth	RB Set	Power (dBm)							

(MHz)		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	23755	23790	23825		23755	23790	23825	
5MHz	1 (RB_Pos:0)	19.95	19.97	19.84	21.30	19.86	19.76	19.87	21.30
	1 (RB_Pos:38)	19.92	19.80	19.90	21.30	19.81	19.92	19.92	21.30
	1 (RB_Pos:74)	19.72	19.77	19.90	21.30	19.91	19.74	19.95	21.30
	36 (RB_Pos:0)	19.81	19.79	19.91	21.30	20.00	19.99	19.74	21.30
	36 (RB_Pos:20)	19.75	19.82	19.87	21.30	19.83	19.90	19.88	21.30
	36 (RB_Pos:39)	19.87	19.76	19.83	21.30	19.94	19.73	19.76	21.30
	75 (RB_Pos:0)	20.00	19.82	19.73	21.30	19.71	19.70	19.73	21.30

8.7.60 Power Reduced Level 1 for ANT 2 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	14.89	14.91	15.02	16.00	15.19	15.11	15.07	16.00
	1 (RB_Pos:50)	14.88	14.91	14.98	16.00	15.17	15.11	15.13	16.00
	1 (RB_Pos:99)	14.87	14.90	14.90	16.00	15.16	15.12	15.13	16.00
	50 (RB_Pos:0)	14.98	15.02	15.01	16.00	14.98	15.08	15.05	16.00
	50 (RB_Pos:25)	15.06	15.00	14.97	16.00	15.02	15.01	15.03	16.00
	50 (RB_Pos:50)	15.01	15.05	15.02	16.00	15.04	15.07	15.10	16.00
	100 (RB_Pos:0)	15.05	14.99	15.00	16.00	15.03	15.02	14.99	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	14.74	14.96	14.74	16.00	14.81	14.77	14.73	16.00
	1 (RB_Pos:38)	14.84	14.91	14.82	16.00	14.84	14.93	14.71	16.00
	1 (RB_Pos:74)	14.85	14.73	14.97	16.00	14.75	14.92	14.71	16.00
	36 (RB_Pos:0)	14.87	14.85	14.85	16.00	14.71	14.90	14.80	16.00
	36 (RB_Pos:20)	14.80	14.74	14.85	16.00	14.95	14.88	14.85	16.00
	36 (RB_Pos:39)	14.79	14.93	14.84	16.00	14.89	14.74	14.82	16.00
	75 (RB_Pos:0)	14.85	14.95	14.87	16.00	14.77	14.92	14.87	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	14.74	14.89	14.81	16.00	14.93	14.87	14.84	16.00
	1 (RB_Pos:25)	14.87	14.89	14.83	16.00	14.73	14.87	14.72	16.00
	1 (RB_Pos:49)	14.88	14.87	14.83	16.00	14.97	14.97	14.95	16.00
	25 (RB_Pos:0)	14.71	14.90	14.90	16.00	14.77	14.98	14.89	16.00
	25 (RB_Pos:12)	14.74	14.74	14.78	16.00	14.86	14.94	14.99	16.00
	25 (RB_Pos:25)	14.83	14.84	14.93	16.00	14.79	14.88	14.98	16.00
	50 (RB_Pos:0)	14.98	14.97	14.94	16.00	14.81	14.87	14.93	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	14.96	14.86	14.99	16.00	14.79	14.80	14.88	16.00
	1 (RB_Pos:13)	14.75	14.74	14.82	16.00	14.83	14.79	14.93	16.00
	1 (RB_Pos:24)	14.95	14.75	14.71	16.00	14.77	14.74	14.99	16.00
	12 (RB_Pos:0)	14.96	14.98	14.73	16.00	14.75	14.99	15.00	16.00
	12 (RB_Pos:6)	14.91	14.80	14.85	16.00	14.71	14.71	14.90	16.00
	12 (RB_Pos:13)	14.91	14.90	14.71	16.00	14.92	14.79	14.98	16.00

	25 (RB_Pos:0)	14.80	14.86	14.89	16.00	14.81	14.84	14.72	16.00
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8.7.61 Power Reduced Level 2 for ANT 2 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	13.04	13.07	12.88	14.50	13.01	12.88	12.95	14.50
	1 (RB_Pos:50)	13.06	13.04	12.85	14.50	13.00	12.82	12.89	14.50
	1 (RB_Pos:99)	12.83	12.96	12.81	14.50	12.90	13.07	13.02	14.50
	50 (RB_Pos:0)	13.04	13.05	13.01	14.50	12.81	12.84	13.08	14.50
	50 (RB_Pos:25)	13.09	12.98	13.02	14.50	12.94	12.87	12.94	14.50
	50 (RB_Pos:50)	12.96	12.90	13.08	14.50	12.90	13.10	13.05	14.50
	100 (RB_Pos:0)	12.81	12.99	12.90	14.50	12.83	13.04	12.92	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	12.94	12.86	12.99	14.50	13.08	13.09	12.90	14.50
	1 (RB_Pos:38)	12.93	13.05	12.85	14.50	13.08	12.86	12.99	14.50
	1 (RB_Pos:74)	12.93	12.93	12.80	14.50	12.85	13.06	12.97	14.50
	36 (RB_Pos:0)	12.84	13.08	13.00	14.50	13.04	13.00	12.94	14.50
	36 (RB_Pos:20)	12.82	12.94	13.09	14.50	12.98	12.87	13.06	14.50
	36 (RB_Pos:39)	12.90	13.00	12.89	14.50	13.07	12.82	12.94	14.50
	75 (RB_Pos:0)	12.82	13.06	12.99	14.50	13.00	13.01	12.87	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	13.06	12.90	13.05	14.50	12.92	13.05	12.88	14.50
	1 (RB_Pos:25)	12.94	12.86	13.06	14.50	13.03	13.07	13.01	14.50
	1 (RB_Pos:49)	12.93	12.94	12.95	14.50	13.01	12.92	13.02	14.50
	25 (RB_Pos:0)	12.90	12.91	12.94	14.50	12.81	12.93	12.81	14.50
	25 (RB_Pos:12)	13.00	12.87	12.91	14.50	13.07	13.08	12.89	14.50
	25 (RB_Pos:25)	12.97	13.06	12.82	14.50	12.81	12.83	13.00	14.50
	50 (RB_Pos:0)	12.92	12.82	12.91	14.50	12.81	12.99	13.09	14.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	12.85	12.95	12.88	14.50	13.01	12.98	13.10	14.50
	1 (RB_Pos:13)	13.07	12.99	12.93	14.50	13.06	13.02	12.94	14.50
	1 (RB_Pos:24)	12.81	12.96	12.95	14.50	12.97	13.06	12.93	14.50
	12 (RB_Pos:0)	12.94	12.91	13.08	14.50	12.94	12.88	13.09	14.50
	12 (RB_Pos:6)	12.98	12.90	12.96	14.50	13.08	12.88	12.98	14.50

	12 (RB_Pos:13)	13.07	12.82	13.03	14.50	12.83	13.04	12.96	14.50
	25 (RB_Pos:0)	13.00	13.06	12.92	14.50	12.92	13.08	12.84	14.50

8.7.62 Power Reduced Level 3&4 for ANT 2 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	13.63	13.55	13.71	15.00	13.57	13.54	13.57	15.00
	1 (RB_Pos:50)	13.74	13.62	13.77	15.00	13.77	13.68	13.50	15.00
	1 (RB_Pos:99)	13.67	13.54	13.54	15.00	13.64	13.76	13.64	15.00
	50 (RB_Pos:0)	13.54	13.60	13.73	15.00	13.60	13.77	13.80	15.00
	50 (RB_Pos:25)	13.74	13.69	13.80	15.00	13.73	13.51	13.59	15.00
	50 (RB_Pos:50)	13.73	13.61	13.57	15.00	13.72	13.69	13.55	15.00
	100 (RB_Pos:0)	13.57	13.56	13.67	15.00	13.58	13.51	13.61	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	13.71	13.50	13.55	15.00	13.78	13.62	13.69	15.00
	1 (RB_Pos:38)	13.75	13.58	13.74	15.00	13.62	13.56	13.64	15.00
	1 (RB_Pos:74)	13.59	13.79	13.65	15.00	13.61	13.79	13.55	15.00
	36 (RB_Pos:0)	13.69	13.69	13.61	15.00	13.61	13.75	13.78	15.00
	36 (RB_Pos:20)	13.51	13.69	13.67	15.00	13.63	13.72	13.75	15.00
	36 (RB_Pos:39)	13.74	13.80	13.72	15.00	13.55	13.68	13.65	15.00
	75 (RB_Pos:0)	13.69	13.64	13.75	15.00	13.77	13.56	13.55	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	13.56	13.70	13.51	15.00	13.62	13.64	13.56	15.00
	1 (RB_Pos:25)	13.64	13.65	13.75	15.00	13.53	13.75	13.60	15.00
	1 (RB_Pos:49)	13.69	13.76	13.79	15.00	13.56	13.69	13.51	15.00
	25 (RB_Pos:0)	13.53	13.62	13.79	15.00	13.77	13.57	13.63	15.00
	25 (RB_Pos:12)	13.52	13.69	13.67	15.00	13.78	13.71	13.70	15.00
	25 (RB_Pos:25)	13.54	13.58	13.61	15.00	13.66	13.67	13.72	15.00
	50 (RB_Pos:0)	13.58	13.54	13.63	15.00	13.78	13.74	13.72	15.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	13.55	13.74	13.80	15.00	13.80	13.72	13.56	15.00
	1 (RB_Pos:13)	13.68	13.59	13.58	15.00	13.58	13.59	13.55	15.00
	1 (RB_Pos:24)	13.69	13.58	13.57	15.00	13.54	13.80	13.67	15.00
	12 (RB_Pos:0)	13.72	13.62	13.56	15.00	13.76	13.52	13.78	15.00

	12 (RB_Pos:6)	13.53	13.63	13.52	15.00	13.76	13.62	13.51	15.00
	12 (RB_Pos:13)	13.67	13.53	13.57	15.00	13.65	13.69	13.58	15.00
	25 (RB_Pos:0)	13.80	13.71	13.78	15.00	13.61	13.65	13.76	15.00

8.7.63 Power Reduced Level 5 for ANT 2 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	19.27	19.39	19.30	20.50	19.22	19.25	19.32	20.50
	1 (RB_Pos:50)	19.10	19.25	19.11	20.50	19.12	19.11	19.11	20.50
	1 (RB_Pos:99)	19.14	19.25	19.29	20.50	19.22	19.31	19.20	20.50
	50 (RB_Pos:0)	19.10	19.10	19.18	20.50	19.13	19.34	19.20	20.50
	50 (RB_Pos:25)	19.27	19.39	19.13	20.50	19.31	19.23	19.29	20.50
	50 (RB_Pos:50)	19.24	19.15	19.12	20.50	19.16	19.13	19.13	20.50
	100 (RB_Pos:0)	19.12	19.12	19.13	20.50	19.16	19.40	19.27	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	19.31	19.34	19.37	20.50	19.31	19.24	19.18	20.50
	1 (RB_Pos:38)	19.15	19.36	19.16	20.50	19.39	19.21	19.11	20.50
	1 (RB_Pos:74)	19.12	19.20	19.26	20.50	19.12	19.30	19.14	20.50
	36 (RB_Pos:0)	19.40	19.29	19.18	20.50	19.38	19.26	19.40	20.50
	36 (RB_Pos:20)	19.25	19.11	19.14	20.50	19.33	19.23	19.38	20.50
	36 (RB_Pos:39)	19.20	19.38	19.17	20.50	19.31	19.27	19.11	20.50
	75 (RB_Pos:0)	19.15	19.25	19.35	20.50	19.25	19.21	19.16	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	19.35	19.28	19.32	20.50	19.34	19.18	19.12	20.50
	1 (RB_Pos:25)	19.29	19.28	19.24	20.50	19.19	19.24	19.37	20.50
	1 (RB_Pos:49)	19.40	19.15	19.22	20.50	19.22	19.19	19.32	20.50
	25 (RB_Pos:0)	19.15	19.14	19.16	20.50	19.23	19.10	19.39	20.50
	25 (RB_Pos:12)	19.36	19.34	19.37	20.50	19.28	19.14	19.25	20.50
	25 (RB_Pos:25)	19.33	19.17	19.38	20.50	19.25	19.36	19.37	20.50
	50 (RB_Pos:0)	19.23	19.36	19.22	20.50	19.25	19.25	19.12	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	19.15	19.31	19.28	20.50	19.20	19.36	19.39	20.50
	1 (RB_Pos:13)	19.28	19.19	19.11	20.50	19.34	19.24	19.26	20.50
	1 (RB_Pos:24)	19.28	19.27	19.19	20.50	19.35	19.11	19.16	20.50

	12 (RB_Pos:0)	19.19	19.22	19.27	20.50	19.37	19.39	19.20	20.50
	12 (RB_Pos:6)	19.27	19.10	19.34	20.50	19.16	19.15	19.33	20.50
	12 (RB_Pos:13)	19.13	19.35	19.22	20.50	19.15	19.22	19.37	20.50
	25 (RB_Pos:0)	19.25	19.26	19.24	20.50	19.23	19.18	19.13	20.50

8.7.64 Power Reduced Level 6 for ANT 2 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	16.35	16.33	16.24	17.50	16.23	16.49	16.33	17.50
	1 (RB_Pos:50)	16.30	16.38	16.46	17.50	16.48	16.34	16.44	17.50
	1 (RB_Pos:99)	16.30	16.36	16.38	17.50	16.45	16.26	16.42	17.50
	50 (RB_Pos:0)	16.25	16.28	16.44	17.50	16.44	16.43	16.44	17.50
	50 (RB_Pos:25)	16.33	16.50	16.49	17.50	16.21	16.27	16.43	17.50
	50 (RB_Pos:50)	16.46	16.29	16.44	17.50	16.39	16.21	16.40	17.50
	100 (RB_Pos:0)	16.44	16.49	16.33	17.50	16.22	16.40	16.37	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	16.23	16.44	16.45	17.50	16.48	16.50	16.39	17.50
	1 (RB_Pos:38)	16.28	16.40	16.32	17.50	16.26	16.34	16.38	17.50
	1 (RB_Pos:74)	16.39	16.31	16.34	17.50	16.44	16.27	16.35	17.50
	36 (RB_Pos:0)	16.31	16.39	16.26	17.50	16.48	16.22	16.35	17.50
	36 (RB_Pos:20)	16.30	16.43	16.20	17.50	16.24	16.29	16.29	17.50
	36 (RB_Pos:39)	16.45	16.34	16.37	17.50	16.46	16.50	16.38	17.50
	75 (RB_Pos:0)	16.22	16.30	16.21	17.50	16.33	16.23	16.31	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	16.22	16.45	16.29	17.50	16.46	16.46	16.27	17.50
	1 (RB_Pos:25)	16.26	16.46	16.23	17.50	16.23	16.49	16.22	17.50
	1 (RB_Pos:49)	16.49	16.42	16.25	17.50	16.44	16.35	16.47	17.50
	25 (RB_Pos:0)	16.35	16.29	16.21	17.50	16.36	16.47	16.42	17.50
	25 (RB_Pos:12)	16.37	16.30	16.37	17.50	16.29	16.39	16.33	17.50
	25 (RB_Pos:25)	16.43	16.29	16.47	17.50	16.42	16.43	16.23	17.50
	50 (RB_Pos:0)	16.30	16.28	16.28	17.50	16.37	16.29	16.32	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	16.38	16.24	16.38	17.50	16.26	16.41	16.38	17.50
	1 (RB_Pos:13)	16.32	16.47	16.39	17.50	16.33	16.21	16.44	17.50

	1 (RB_Pos:24)	16.47	16.49	16.22	17.50	16.22	16.34	16.48	17.50
	12 (RB_Pos:0)	16.28	16.20	16.38	17.50	16.27	16.42	16.40	17.50
	12 (RB_Pos:6)	16.27	16.20	16.44	17.50	16.33	16.33	16.37	17.50
	12 (RB_Pos:13)	16.36	16.46	16.25	17.50	16.40	16.28	16.40	17.50
	25 (RB_Pos:0)	16.48	16.43	16.31	17.50	16.23	16.41	16.37	17.50

8.7.65 Power Reduced Level 7&8 for ANT 2 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	17.81	17.74	17.81	19.00	17.70	17.84	17.65	19.00
	1 (RB_Pos:50)	17.76	17.77	17.60	19.00	17.89	17.78	17.62	19.00
	1 (RB_Pos:99)	17.78	17.80	17.86	19.00	17.67	17.89	17.74	19.00
	50 (RB_Pos:0)	17.82	17.88	17.83	19.00	17.80	17.67	17.85	19.00
	50 (RB_Pos:25)	17.71	17.89	17.64	19.00	17.66	17.63	17.78	19.00
	50 (RB_Pos:50)	17.79	17.78	17.63	19.00	17.75	17.70	17.70	19.00
	100 (RB_Pos:0)	17.70	17.70	17.71	19.00	17.78	17.84	17.68	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	17.81	17.66	17.72	19.00	17.74	17.60	17.89	19.00
	1 (RB_Pos:38)	17.83	17.77	17.75	19.00	17.78	17.87	17.83	19.00
	1 (RB_Pos:74)	17.89	17.68	17.88	19.00	17.60	17.80	17.89	19.00
	36 (RB_Pos:0)	17.66	17.65	17.72	19.00	17.62	17.78	17.65	19.00
	36 (RB_Pos:20)	17.67	17.88	17.80	19.00	17.67	17.83	17.83	19.00
	36 (RB_Pos:39)	17.69	17.70	17.69	19.00	17.66	17.60	17.66	19.00
	75 (RB_Pos:0)	17.71	17.85	17.87	19.00	17.64	17.87	17.75	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	17.83	17.71	17.65	19.00	17.65	17.84	17.79	19.00
	1 (RB_Pos:25)	17.72	17.68	17.75	19.00	17.63	17.79	17.86	19.00
	1 (RB_Pos:49)	17.73	17.65	17.80	19.00	17.74	17.68	17.90	19.00
	25 (RB_Pos:0)	17.81	17.66	17.74	19.00	17.86	17.75	17.84	19.00
	25 (RB_Pos:12)	17.81	17.81	17.87	19.00	17.79	17.79	17.81	19.00
	25 (RB_Pos:25)	17.83	17.67	17.62	19.00	17.88	17.66	17.66	19.00
	50 (RB_Pos:0)	17.72	17.83	17.80	19.00	17.68	17.89	17.71	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	
5MHz	1 (RB_Pos:0)	17.77	17.85	17.62	19.00	17.69	17.68	17.74	19.00

	1 (RB_Pos:13)	17.69	17.83	17.66	19.00	17.85	17.78	17.79	19.00
	1 (RB_Pos:24)	17.90	17.78	17.81	19.00	17.66	17.74	17.82	19.00
	12 (RB_Pos:0)	17.87	17.75	17.89	19.00	17.70	17.81	17.88	19.00
	12 (RB_Pos:6)	17.80	17.71	17.63	19.00	17.73	17.86	17.81	19.00
	12 (RB_Pos:13)	17.78	17.61	17.71	19.00	17.87	17.80	17.71	19.00
	25 (RB_Pos:0)	17.79	17.64	17.63	19.00	17.62	17.67	17.73	19.00

8.7.66 Power Reduced Level 1 for ANT 0 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	19.47	19.49	19.54	21.00	19.51	19.41	19.47	21.00
	1 (RB_Pos:50)	19.43	19.48	19.62	21.00	19.63	19.42	19.67	21.00
	1 (RB_Pos:99)	19.63	19.62	19.58	21.00	19.64	19.67	19.49	21.00
	50 (RB_Pos:0)	19.64	19.61	19.44	21.00	19.67	19.62	19.56	21.00
	50 (RB_Pos:25)	19.68	19.63	19.63	21.00	19.56	19.67	19.63	21.00
	50 (RB_Pos:50)	19.51	19.43	19.55	21.00	19.59	19.68	19.63	21.00
	100 (RB_Pos:0)	19.53	19.54	19.61	21.00	19.47	19.47	19.53	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	19.56	19.62	19.62	21.00	19.66	19.62	19.43	21.00
	1 (RB_Pos:38)	19.59	19.56	19.58	21.00	19.49	19.67	19.56	21.00
	1 (RB_Pos:74)	19.60	19.70	19.62	21.00	19.49	19.61	19.65	21.00
	36 (RB_Pos:0)	19.56	19.52	19.56	21.00	19.51	19.43	19.68	21.00
	36 (RB_Pos:20)	19.63	19.41	19.47	21.00	19.49	19.61	19.54	21.00
	36 (RB_Pos:39)	19.66	19.46	19.68	21.00	19.42	19.67	19.69	21.00
	75 (RB_Pos:0)	19.46	19.56	19.68	21.00	19.52	19.61	19.44	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	19.55	19.50	19.48	21.00	19.55	19.61	19.67	21.00
	1 (RB_Pos:25)	19.41	19.60	19.67	21.00	19.61	19.51	19.54	21.00
	1 (RB_Pos:49)	19.57	19.66	19.52	21.00	19.44	19.52	19.67	21.00
	25 (RB_Pos:0)	19.49	19.68	19.42	21.00	19.52	19.51	19.56	21.00
	25 (RB_Pos:12)	19.67	19.55	19.45	21.00	19.70	19.48	19.53	21.00
	25 (RB_Pos:25)	19.58	19.68	19.49	21.00	19.44	19.54	19.69	21.00
	50 (RB_Pos:0)	19.70	19.60	19.66	21.00	19.68	19.49	19.42	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37775	38000	38225		37775	38000	38225	

5MHz	1 (RB_Pos:0)	19.52	19.56	19.63	21.00	19.55	19.61	19.45	21.00
	1 (RB_Pos:13)	19.69	19.67	19.66	21.00	19.47	19.44	19.67	21.00
	1 (RB_Pos:24)	19.40	19.42	19.64	21.00	19.40	19.57	19.42	21.00
	12 (RB_Pos:0)	19.52	19.50	19.64	21.00	19.42	19.62	19.58	21.00
	12 (RB_Pos:6)	19.43	19.62	19.42	21.00	19.42	19.48	19.50	21.00
	12 (RB_Pos:13)	19.55	19.45	19.46	21.00	19.67	19.63	19.41	21.00
	25 (RB_Pos:0)	19.52	19.65	19.56	21.00	19.55	19.61	19.42	21.00

8.7.67 Power Reduced Level 2&3&4 for ANT 0 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	18.21	18.04	18.15	21.00	18.01	18.22	18.04	21.00
	1 (RB_Pos:50)	18.11	18.13	18.26	21.00	18.14	18.20	18.02	21.00
	1 (RB_Pos:99)	18.13	18.06	18.12	21.00	18.08	18.17	18.24	21.00
	50 (RB_Pos:0)	18.07	18.28	18.05	21.00	18.16	18.26	18.22	21.00
	50 (RB_Pos:25)	18.18	18.22	18.24	21.00	18.03	18.05	18.07	21.00
	50 (RB_Pos:50)	18.16	18.04	18.06	21.00	18.25	18.17	18.01	21.00
	100 (RB_Pos:0)	18.05	18.16	18.06	21.00	18.01	18.29	18.26	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	18.30	18.08	18.23	21.00	18.01	18.22	18.19	21.00
	1 (RB_Pos:38)	18.27	18.04	18.12	21.00	18.20	18.19	18.14	21.00
	1 (RB_Pos:74)	18.12	18.05	18.08	21.00	18.25	18.24	18.12	21.00
	36 (RB_Pos:0)	18.16	18.18	18.14	21.00	18.07	18.28	18.30	21.00
	36 (RB_Pos:20)	18.21	18.20	18.28	21.00	18.06	18.14	18.21	21.00
	36 (RB_Pos:39)	18.25	18.28	18.25	21.00	18.20	18.23	18.01	21.00
	75 (RB_Pos:0)	18.16	18.02	18.28	21.00	18.24	18.13	18.28	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	18.20	18.30	18.26	21.00	18.04	18.08	18.04	21.00
	1 (RB_Pos:25)	18.22	18.08	18.07	21.00	18.21	18.28	18.06	21.00
	1 (RB_Pos:49)	18.24	18.22	18.04	21.00	18.16	18.27	18.06	21.00
	25 (RB_Pos:0)	18.29	18.15	18.09	21.00	18.29	18.27	18.13	21.00
	25 (RB_Pos:12)	18.24	18.13	18.10	21.00	18.04	18.23	18.21	21.00
	25 (RB_Pos:25)	18.06	18.03	18.08	21.00	18.17	18.04	18.19	21.00
	50 (RB_Pos:0)	18.27	18.24	18.10	21.00	18.13	18.08	18.15	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit	16QAM			Tune up limit
	Channel	37775	38000	38225		37775	38000	38225	

					(dBm)				(dBm)
5MHz	1 (RB_Pos:0)	18.13	18.07	18.27	21.00	18.08	18.27	18.09	21.00
	1 (RB_Pos:13)	18.22	18.05	18.22	21.00	18.04	18.13	18.03	21.00
	1 (RB_Pos:24)	18.07	18.20	18.28	21.00	18.13	18.11	18.20	21.00
	12 (RB_Pos:0)	18.27	18.06	18.19	21.00	18.25	18.00	18.11	21.00
	12 (RB_Pos:6)	18.03	18.14	18.13	21.00	18.05	18.15	18.09	21.00
	12 (RB_Pos:13)	18.20	18.04	18.06	21.00	18.10	18.22	18.02	21.00
	25 (RB_Pos:0)	18.13	18.19	18.26	21.00	18.01	18.29	18.12	21.00

8.7.68 Power Reduced Level 6&7&8 for ANT 0 of LTE Band 38

TDD LTE Band 38									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37850	38000	38150		37850	38000	38150	
20MHz	1 (RB_Pos:0)	20.67	20.58	20.65	22.00	20.52	20.56	20.80	22.00
	1 (RB_Pos:50)	20.75	20.51	20.64	22.00	20.80	20.61	20.77	22.00
	1 (RB_Pos:99)	20.56	20.78	20.67	22.00	20.51	20.57	20.78	22.00
	50 (RB_Pos:0)	20.57	20.67	20.62	22.00	20.61	20.61	20.65	22.00
	50 (RB_Pos:25)	20.50	20.60	20.54	22.00	20.73	20.70	20.73	22.00
	50 (RB_Pos:50)	20.54	20.74	20.68	22.00	20.70	20.56	20.78	22.00
	100 (RB_Pos:0)	20.62	20.80	20.77	22.00	20.72	20.55	20.67	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37825	38000	38175		37825	38000	38175	
15MHz	1 (RB_Pos:0)	20.72	20.63	20.62	22.00	20.72	20.52	20.78	22.00
	1 (RB_Pos:38)	20.59	20.64	20.80	22.00	20.61	20.51	20.74	22.00
	1 (RB_Pos:74)	20.73	20.76	20.71	22.00	20.78	20.68	20.74	22.00
	36 (RB_Pos:0)	20.56	20.56	20.67	22.00	20.58	20.55	20.68	22.00
	36 (RB_Pos:20)	20.50	20.54	20.69	22.00	20.58	20.66	20.78	22.00
	36 (RB_Pos:39)	20.63	20.74	20.73	22.00	20.68	20.78	20.66	22.00
	75 (RB_Pos:0)	20.70	20.77	20.67	22.00	20.73	20.73	20.74	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	37800	38000	38200		37800	38000	38200	
10MHz	1 (RB_Pos:0)	20.52	20.73	20.67	22.00	20.64	20.75	20.50	22.00
	1 (RB_Pos:25)	20.68	20.63	20.58	22.00	20.64	20.70	20.58	22.00
	1 (RB_Pos:49)	20.50	20.65	20.60	22.00	20.58	20.52	20.60	22.00
	25 (RB_Pos:0)	20.68	20.66	20.54	22.00	20.65	20.57	20.51	22.00
	25 (RB_Pos:12)	20.74	20.76	20.72	22.00	20.67	20.64	20.79	22.00
	25 (RB_Pos:25)	20.54	20.51	20.51	22.00	20.72	20.63	20.57	22.00
	50 (RB_Pos:0)	20.72	20.55	20.72	22.00	20.67	20.69	20.62	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up

	Channel	37775	38000	38225	limit (dBm)	37775	38000	38225	limit (dBm)
5MHz	1 (RB_Pos:0)	20.72	20.62	20.64	22.00	20.66	20.76	20.63	22.00
	1 (RB_Pos:13)	20.64	20.62	20.61	22.00	20.71	20.62	20.69	22.00
	1 (RB_Pos:24)	20.51	20.52	20.54	22.00	20.53	20.67	20.67	22.00
	12 (RB_Pos:0)	20.65	20.52	20.72	22.00	20.69	20.53	20.71	22.00
	12 (RB_Pos:6)	20.65	20.52	20.51	22.00	20.67	20.79	20.66	22.00
	12 (RB_Pos:13)	20.55	20.71	20.56	22.00	20.61	20.55	20.58	22.00
	25 (RB_Pos:0)	20.60	20.61	20.57	22.00	20.72	20.75	20.51	22.00

8.7.69 Power Reduced Level 1-ANT 2 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	40240	40690	41140	limit (dBm)	40240	40690	41140	limit (dBm)
20MHz	1 (RB_Pos:0)	17.24	17.14	17.23	17.50	17.39	17.11	17.16	17.50
	1 (RB_Pos:50)	17.30	17.39	17.34	17.50	17.12	17.11	17.31	17.50
	1 (RB_Pos:99)	17.24	17.20	17.28	17.50	17.21	17.32	17.14	17.50
	50 (RB_Pos:0)	17.14	17.26	17.37	17.50	17.32	17.31	17.30	17.50
	50 (RB_Pos:25)	17.21	17.40	17.38	17.50	17.13	17.39	17.27	17.50
	50 (RB_Pos:50)	17.11	17.20	17.34	17.50	17.18	17.12	17.30	17.50
	100 (RB_Pos:0)	17.35	17.23	17.27	17.50	17.13	17.22	17.17	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	40215	40690	41165	limit (dBm)	40215	40690	41165	limit (dBm)
15MHz	1 (RB_Pos:0)	17.26	17.33	17.29	17.50	17.24	17.23	17.21	17.50
	1 (RB_Pos:38)	17.39	17.11	17.14	17.50	17.25	17.17	17.23	17.50
	1 (RB_Pos:74)	17.37	17.40	17.34	17.50	17.38	17.15	17.11	17.50
	36 (RB_Pos:0)	17.35	17.37	17.20	17.50	17.13	17.35	17.27	17.50
	36 (RB_Pos:20)	17.38	17.22	17.36	17.50	17.16	17.28	17.11	17.50
	36 (RB_Pos:39)	17.36	17.37	17.31	17.50	17.27	17.19	17.25	17.50
	75 (RB_Pos:0)	17.26	17.14	17.25	17.50	17.30	17.17	17.22	17.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	40190	40690	41190	limit (dBm)	40190	40690	41190	limit (dBm)
10MHz	1 (RB_Pos:0)	17.14	17.29	17.12	17.50	17.27	17.22	17.26	17.50
	1 (RB_Pos:25)	17.30	17.22	17.19	17.50	17.30	17.25	17.25	17.50
	1 (RB_Pos:49)	17.31	17.39	17.36	17.50	17.19	17.14	17.28	17.50
	25 (RB_Pos:0)	17.31	17.24	17.12	17.50	17.13	17.17	17.15	17.50
	25 (RB_Pos:12)	17.16	17.38	17.24	17.50	17.35	17.26	17.25	17.50
	25 (RB_Pos:25)	17.24	17.16	17.36	17.50	17.36	17.38	17.27	17.50
	50 (RB_Pos:0)	17.30	17.12	17.36	17.50	17.30	17.12	17.30	17.50
Bandwidth	RB Set	Power (dBm)							

(MHz)	Channel	QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
		40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	17.36	17.40	17.16	17.50	17.26	17.14	17.16	17.50
	1 (RB_Pos:13)	17.22	17.29	17.36	17.50	17.24	17.28	17.36	17.50
	1 (RB_Pos:24)	17.11	17.14	17.11	17.50	17.16	17.21	17.20	17.50
	12 (RB_Pos:0)	17.20	17.36	17.14	17.50	17.33	17.39	17.29	17.50
	12 (RB_Pos:6)	17.25	17.26	17.29	17.50	17.12	17.27	17.12	17.50
	12 (RB_Pos:13)	17.37	17.37	17.14	17.50	17.19	17.26	17.33	17.50
	25 (RB_Pos:0)	17.18	17.36	17.12	17.50	17.34	17.14	17.31	17.50

8.7.70 Power Reduced Level 2 for ANT 2 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	15.81	15.73	15.68	16.00	15.80	15.75	15.87	16.00
	1 (RB_Pos:50)	15.78	15.88	15.67	16.00	15.89	15.79	15.90	16.00
	1 (RB_Pos:99)	15.79	15.86	15.66	16.00	15.88	15.75	15.78	16.00
	50 (RB_Pos:0)	15.60	15.79	15.71	16.00	15.64	15.75	15.72	16.00
	50 (RB_Pos:25)	15.88	15.73	15.81	16.00	15.88	15.89	15.83	16.00
	50 (RB_Pos:50)	15.73	15.65	15.64	16.00	15.75	15.86	15.64	16.00
	100 (RB_Pos:0)	15.69	15.83	15.64	16.00	15.65	15.73	15.70	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	15.75	15.60	15.73	16.00	15.68	15.61	15.90	16.00
	1 (RB_Pos:38)	15.68	15.63	15.75	16.00	15.89	15.82	15.66	16.00
	1 (RB_Pos:74)	15.88	15.68	15.83	16.00	15.80	15.77	15.90	16.00
	36 (RB_Pos:0)	15.64	15.62	15.87	16.00	15.62	15.70	15.80	16.00
	36 (RB_Pos:20)	15.62	15.90	15.68	16.00	15.69	15.77	15.74	16.00
	36 (RB_Pos:39)	15.63	15.66	15.68	16.00	15.60	15.64	15.86	16.00
	75 (RB_Pos:0)	15.76	15.87	15.78	16.00	15.63	15.71	15.63	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	15.66	15.67	15.62	16.00	15.70	15.60	15.63	16.00
	1 (RB_Pos:25)	15.81	15.61	15.81	16.00	15.69	15.89	15.88	16.00
	1 (RB_Pos:49)	15.81	15.70	15.83	16.00	15.63	15.70	15.81	16.00
	25 (RB_Pos:0)	15.84	15.63	15.72	16.00	15.82	15.82	15.81	16.00
	25 (RB_Pos:12)	15.68	15.71	15.83	16.00	15.62	15.78	15.90	16.00
	25 (RB_Pos:25)	15.64	15.87	15.63	16.00	15.87	15.70	15.60	16.00
	50 (RB_Pos:0)	15.60	15.86	15.60	16.00	15.85	15.82	15.71	16.00

Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	15.71	15.72	15.70	16.00	15.77	15.61	15.83	16.00
	1 (RB_Pos:13)	15.68	15.61	15.76	16.00	15.88	15.89	15.68	16.00
	1 (RB_Pos:24)	15.85	15.75	15.72	16.00	15.64	15.68	15.83	16.00
	12 (RB_Pos:0)	15.83	15.80	15.78	16.00	15.65	15.71	15.69	16.00
	12 (RB_Pos:6)	15.76	15.62	15.86	16.00	15.66	15.76	15.72	16.00
	12 (RB_Pos:13)	15.84	15.89	15.82	16.00	15.68	15.66	15.61	16.00
	25 (RB_Pos:0)	15.64	15.85	15.64	16.00	15.67	15.81	15.85	16.00

8.7.71 Power Reduced Level 3&4 for ANT 2 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	16.05	16.10	16.23	16.50	16.14	16.16	16.29	16.50
	1 (RB_Pos:50)	16.02	16.11	16.28	16.50	16.13	16.21	16.19	16.50
	1 (RB_Pos:99)	16.27	16.18	16.12	16.50	16.19	16.25	16.24	16.50
	50 (RB_Pos:0)	16.25	16.20	16.26	16.50	16.24	16.27	16.11	16.50
	50 (RB_Pos:25)	16.14	16.10	16.08	16.50	16.20	16.15	16.25	16.50
	50 (RB_Pos:50)	16.01	16.30	16.03	16.50	16.01	16.17	16.11	16.50
	100 (RB_Pos:0)	16.03	16.15	16.10	16.50	16.28	16.04	16.11	16.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	16.28	16.06	16.02	16.50	16.25	16.20	16.19	16.50
	1 (RB_Pos:38)	16.19	16.30	16.15	16.50	16.26	16.22	16.13	16.50
	1 (RB_Pos:74)	16.26	16.21	16.06	16.50	16.22	16.21	16.25	16.50
	36 (RB_Pos:0)	16.02	16.28	16.06	16.50	16.06	16.08	16.25	16.50
	36 (RB_Pos:20)	16.24	16.15	16.17	16.50	16.25	16.14	16.02	16.50
	36 (RB_Pos:39)	16.15	16.28	16.20	16.50	16.26	16.29	16.20	16.50
	75 (RB_Pos:0)	16.21	16.16	16.11	16.50	16.04	16.24	16.07	16.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	16.12	16.09	16.14	16.50	16.10	16.04	16.01	16.00
	1 (RB_Pos:25)	16.06	16.20	16.13	16.50	16.23	16.22	16.01	16.00
	1 (RB_Pos:49)	16.17	16.03	16.14	16.50	16.08	16.10	16.13	16.00
	25 (RB_Pos:0)	16.16	16.02	16.25	16.50	16.14	16.05	16.18	16.00
	25 (RB_Pos:12)	16.13	16.07	16.22	16.50	16.05	16.30	16.16	16.00
	25 (RB_Pos:25)	16.08	16.05	16.04	16.50	16.08	16.27	16.26	16.00

	50 (RB_Pos:0)	16.29	16.05	16.26	16.50	16.02	16.27	16.16	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	16.22	16.04	16.18	16.50	16.25	16.29	16.28	16.50
	1 (RB_Pos:13)	16.19	16.26	16.17	16.50	16.21	16.12	16.10	16.50
	1 (RB_Pos:24)	16.00	16.03	16.02	16.50	16.14	16.03	16.06	16.50
	12 (RB_Pos:0)	16.29	16.19	16.21	16.50	16.25	16.28	16.12	16.50
	12 (RB_Pos:6)	16.14	16.16	16.23	16.50	16.25	16.29	16.23	16.50
	12 (RB_Pos:13)	16.16	16.02	16.15	16.50	16.17	16.21	16.14	16.50
	25 (RB_Pos:0)	16.00	16.02	16.28	16.50	16.13	16.00	16.11	16.50

8.7.72 Power Reduced Level 1 for ANT 0 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	21.01	21.19	21.07	21.50	20.91	20.99	21.08	21.50
	1 (RB_Pos:50)	21.11	20.96	21.03	21.50	21.15	21.04	20.96	21.50
	1 (RB_Pos:99)	21.08	21.04	20.96	21.50	21.10	21.14	21.09	21.50
	50 (RB_Pos:0)	21.08	21.18	21.13	21.50	20.98	21.13	21.16	21.50
	50 (RB_Pos:25)	21.03	21.17	20.90	21.50	21.17	21.01	21.01	21.50
	50 (RB_Pos:50)	21.01	20.91	21.15	21.50	20.97	21.20	21.08	21.50
	100 (RB_Pos:0)	21.02	20.91	21.03	21.50	21.00	21.04	20.91	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	21.02	21.18	21.12	21.50	20.98	20.96	21.11	21.50
	1 (RB_Pos:38)	20.92	21.11	21.02	21.50	20.90	21.06	20.98	21.50
	1 (RB_Pos:74)	21.03	21.06	20.90	21.50	21.08	21.17	20.93	21.50
	36 (RB_Pos:0)	21.03	21.14	20.93	21.50	21.09	20.92	21.03	21.50
	36 (RB_Pos:20)	20.94	21.19	20.93	21.50	21.14	21.13	21.13	21.50
	36 (RB_Pos:39)	20.90	20.90	20.99	21.50	21.03	21.02	21.10	21.50
	75 (RB_Pos:0)	21.12	21.19	21.05	21.50	21.18	21.20	20.92	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	21.16	21.16	21.04	21.50	21.19	21.02	21.09	21.50
	1 (RB_Pos:25)	21.04	21.20	21.08	21.50	21.03	21.19	21.10	21.50
	1 (RB_Pos:49)	21.01	20.97	20.97	21.50	21.07	20.94	21.01	21.50
	25 (RB_Pos:0)	21.12	21.14	21.00	21.50	21.13	21.19	21.02	21.50
	25 (RB_Pos:12)	20.97	21.11	21.01	21.50	21.13	20.96	21.18	21.50

	25 (RB_Pos:25)	21.14	21.00	21.03	21.50	21.08	21.14	21.05	21.50
	50 (RB_Pos:0)	21.00	21.11	21.07	21.50	20.91	21.09	21.00	21.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	20.95	20.96	21.18	21.50	20.98	21.11	21.07	21.50
	1 (RB_Pos:13)	21.19	21.08	21.10	21.50	21.01	21.09	21.11	21.50
	1 (RB_Pos:24)	21.06	21.20	20.95	21.50	21.09	21.20	21.08	21.50
	12 (RB_Pos:0)	21.01	21.16	21.02	21.50	21.04	20.90	21.15	21.50
	12 (RB_Pos:6)	21.17	20.95	21.04	21.50	21.02	21.09	21.15	21.50
	12 (RB_Pos:13)	20.97	21.13	21.20	21.50	21.11	21.07	21.15	21.50
	25 (RB_Pos:0)	20.94	21.19	21.11	21.50	20.99	21.15	20.94	21.50

8.7.73 Power Reduced Level 2&3&4 for ANT 0 and Level 5 for ANT 2 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	19.95	20.08	20.03	20.50	20.08	20.01	20.09	20.50
	1 (RB_Pos:50)	20.01	20.06	20.08	20.50	19.92	20.02	19.92	20.50
	1 (RB_Pos:99)	20.03	19.96	20.10	20.50	20.18	20.11	19.99	20.50
	50 (RB_Pos:0)	19.99	19.92	19.93	20.50	20.16	20.17	20.03	20.50
	50 (RB_Pos:25)	19.99	20.03	19.99	20.50	20.09	20.05	19.96	20.50
	50 (RB_Pos:50)	19.98	20.00	20.08	20.50	20.16	20.12	20.19	20.50
	100 (RB_Pos:0)	19.90	20.00	20.12	20.50	20.12	20.19	19.92	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	20.06	20.13	19.90	20.50	20.14	20.16	20.08	20.50
	1 (RB_Pos:38)	20.08	20.13	20.04	20.50	20.13	20.10	20.04	20.50
	1 (RB_Pos:74)	20.18	19.96	20.08	20.50	19.99	20.03	20.03	20.50
	36 (RB_Pos:0)	20.02	20.00	20.14	20.50	20.05	20.18	19.94	20.50
	36 (RB_Pos:20)	20.12	20.00	20.08	20.50	19.96	20.06	20.18	20.50
	36 (RB_Pos:39)	20.09	19.95	19.96	20.50	20.13	20.13	20.20	20.50
	75 (RB_Pos:0)	19.90	19.90	20.02	20.50	20.19	20.13	19.92	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	19.91	19.92	19.92	20.50	20.16	20.00	19.93	20.50
	1 (RB_Pos:25)	20.07	19.97	20.14	20.50	20.08	20.17	20.03	20.50
	1 (RB_Pos:49)	20.05	20.09	20.17	20.50	19.94	19.92	20.08	20.50
	25 (RB_Pos:0)	20.09	20.05	19.90	20.50	20.03	20.09	20.05	20.50

	25 (RB_Pos:12)	20.12	19.91	19.95	20.50	20.05	20.06	19.91	20.50
	25 (RB_Pos:25)	20.10	20.02	20.18	20.50	20.12	20.12	20.18	20.50
	50 (RB_Pos:0)	20.00	19.91	20.14	20.50	19.92	20.18	20.14	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	20.06	20.03	20.19	20.50	19.93	20.16	20.18	20.50
	1 (RB_Pos:13)	20.12	20.16	20.07	20.50	20.02	20.01	20.09	20.50
	1 (RB_Pos:24)	20.12	20.15	20.13	20.50	20.01	20.11	19.92	20.50
	12 (RB_Pos:0)	20.15	20.01	20.20	20.50	20.07	20.15	20.08	20.50
	12 (RB_Pos:6)	19.99	20.16	20.05	20.50	19.94	20.03	20.06	20.50
	12 (RB_Pos:13)	19.92	20.02	19.97	20.50	20.03	19.96	20.02	20.50
	25 (RB_Pos:0)	20.11	19.94	20.16	20.50	20.02	20.18	20.03	20.50

8.7.74 Power Reduced Level 6 for ANT 2 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	18.63	18.62	18.74	19.00	18.82	18.83	18.63	19.00
	1 (RB_Pos:50)	18.75	18.77	18.78	19.00	18.64	18.71	18.89	19.00
	1 (RB_Pos:99)	18.76	18.75	18.82	19.00	18.84	18.69	18.74	19.00
	50 (RB_Pos:0)	18.71	18.76	18.74	19.00	18.82	18.89	18.68	19.00
	50 (RB_Pos:25)	18.62	18.79	18.70	19.00	18.74	18.76	18.71	19.00
	50 (RB_Pos:50)	18.67	18.80	18.70	19.00	18.75	18.64	18.83	19.00
	100 (RB_Pos:0)	18.85	18.81	18.88	19.00	18.84	18.70	18.62	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	18.67	18.71	18.68	19.00	18.86	18.78	18.83	19.00
	1 (RB_Pos:38)	18.60	18.68	18.72	19.00	18.71	18.66	18.82	19.00
	1 (RB_Pos:74)	18.88	18.73	18.78	19.00	18.71	18.72	18.89	19.00
	36 (RB_Pos:0)	18.69	18.79	18.71	19.00	18.78	18.79	18.66	19.00
	36 (RB_Pos:20)	18.74	18.70	18.65	19.00	18.87	18.68	18.66	19.00
	36 (RB_Pos:39)	18.61	18.71	18.80	19.00	18.84	18.76	18.85	19.00
	75 (RB_Pos:0)	18.65	18.63	18.82	19.00	18.73	18.70	18.75	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	18.88	18.65	18.80	19.00	18.70	18.70	18.61	19.00
	1 (RB_Pos:25)	18.79	18.73	18.84	19.00	18.61	18.65	18.71	19.00
	1 (RB_Pos:49)	18.60	18.76	18.78	19.00	18.85	18.65	18.60	19.00

	25 (RB_Pos:0)	18.78	18.80	18.61	19.00	18.87	18.75	18.75	19.00
	25 (RB_Pos:12)	18.62	18.77	18.90	19.00	18.88	18.66	18.85	19.00
	25 (RB_Pos:25)	18.66	18.86	18.68	19.00	18.75	18.88	18.76	19.00
	50 (RB_Pos:0)	18.71	18.64	18.81	19.00	18.86	18.78	18.87	19.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	18.71	18.75	18.63	19.00	18.61	18.71	18.75	19.00
	1 (RB_Pos:13)	18.64	18.80	18.88	19.00	18.62	18.71	18.87	19.00
	1 (RB_Pos:24)	18.90	18.60	18.88	19.00	18.82	18.87	18.70	19.00
	12 (RB_Pos:0)	18.63	18.64	18.62	19.00	18.76	18.82	18.84	19.00
	12 (RB_Pos:6)	18.84	18.86	18.60	19.00	18.61	18.64	18.78	19.00
	12 (RB_Pos:13)	18.67	18.70	18.66	19.00	18.80	18.71	18.82	19.00
	25 (RB_Pos:0)	18.70	18.70	18.73	19.00	18.82	18.62	18.79	19.00

8.7.75 Power Reduced Level 7&8-ANT 2 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	19.46	19.45	19.67	20.00	19.49	19.66	19.50	20.00
	1 (RB_Pos:50)	19.65	19.42	19.58	20.00	19.53	19.44	19.56	20.00
	1 (RB_Pos:99)	19.60	19.41	19.41	20.00	19.45	19.41	19.56	20.00
	50 (RB_Pos:0)	19.43	19.42	19.67	20.00	19.67	19.42	19.49	20.00
	50 (RB_Pos:25)	19.58	19.66	19.65	20.00	19.51	19.49	19.45	20.00
	50 (RB_Pos:50)	19.44	19.66	19.52	20.00	19.58	19.52	19.52	20.00
	100 (RB_Pos:0)	19.40	19.49	19.40	20.00	19.44	19.54	19.67	20.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	19.52	19.41	19.68	20.00	19.54	19.65	19.60	20.00
	1 (RB_Pos:38)	19.41	19.61	19.51	20.00	19.62	19.47	19.55	20.00
	1 (RB_Pos:74)	19.57	19.64	19.69	20.00	19.57	19.49	19.61	20.00
	36 (RB_Pos:0)	19.56	19.48	19.66	20.00	19.45	19.45	19.41	20.00
	36 (RB_Pos:20)	19.68	19.61	19.50	20.00	19.56	19.63	19.62	20.00
	36 (RB_Pos:39)	19.49	19.55	19.58	20.00	19.57	19.49	19.63	20.00
	75 (RB_Pos:0)	19.48	19.67	19.63	20.00	19.61	19.41	19.58	20.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	19.47	19.48	19.66	20.00	19.69	19.62	19.64	20.00
	1 (RB_Pos:25)	19.41	19.64	19.67	20.00	19.44	19.56	19.63	20.00

	1 (RB_Pos:49)	19.41	19.43	19.43	20.00	19.51	19.45	19.60	20.00
	25 (RB_Pos:0)	19.50	19.54	19.55	20.00	19.46	19.67	19.41	20.00
	25 (RB_Pos:12)	19.69	19.62	19.45	20.00	19.41	19.50	19.46	20.00
	25 (RB_Pos:25)	19.61	19.60	19.52	20.00	19.52	19.67	19.46	20.00
	50 (RB_Pos:0)	19.50	19.58	19.45	20.00	19.67	19.46	19.40	20.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	19.48	19.50	19.61	20.00	19.67	19.44	19.45	20.00
	1 (RB_Pos:13)	19.64	19.51	19.53	20.00	19.54	19.68	19.46	20.00
	1 (RB_Pos:24)	19.56	19.51	19.68	20.00	19.66	19.42	19.42	20.00
	12 (RB_Pos:0)	19.50	19.63	19.53	20.00	19.41	19.42	19.61	20.00
	12 (RB_Pos:6)	19.62	19.68	19.63	20.00	19.58	19.40	19.53	20.00
	12 (RB_Pos:13)	19.67	19.52	19.52	20.00	19.60	19.49	19.54	20.00
	25 (RB_Pos:0)	19.70	19.50	19.59	20.00	19.52	19.48	19.70	20.00

8.7.76 Power Reduced Level 5 for ANT 0 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	22.02	22.06	22.21	22.50	22.26	22.04	22.21	22.50
	1 (RB_Pos:50)	22.18	22.03	22.24	22.50	22.10	22.03	22.14	22.50
	1 (RB_Pos:99)	22.01	22.16	22.22	22.50	22.05	22.22	22.25	22.50
	50 (RB_Pos:0)	22.23	22.15	22.10	22.50	22.13	22.04	22.13	22.50
	50 (RB_Pos:25)	22.20	22.11	22.16	22.50	22.26	22.27	22.09	22.50
	50 (RB_Pos:50)	22.14	22.15	22.00	22.50	22.24	22.16	22.01	22.50
	100 (RB_Pos:0)	22.09	22.27	22.28	22.50	22.16	22.09	22.09	22.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	22.22	22.15	22.01	22.50	22.22	22.23	22.29	22.50
	1 (RB_Pos:38)	22.29	22.14	22.19	22.50	22.18	22.21	22.17	22.50
	1 (RB_Pos:74)	22.07	22.01	22.11	22.50	22.18	22.15	22.22	22.50
	36 (RB_Pos:0)	22.18	22.14	22.22	22.50	22.11	22.18	22.29	22.50
	36 (RB_Pos:20)	22.01	22.28	22.03	22.50	22.11	22.17	22.14	22.50
	36 (RB_Pos:39)	22.06	22.19	22.14	22.50	22.30	22.19	22.10	22.50
	75 (RB_Pos:0)	22.23	22.21	22.00	22.50	22.07	22.16	22.07	22.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	22.23	22.06	22.11	22.50	22.25	22.21	22.09	22.50

	1 (RB_Pos:25)	22.29	22.25	22.04	22.50	22.06	22.05	22.16	22.50
	1 (RB_Pos:49)	22.24	22.26	22.21	22.50	22.04	22.28	22.01	22.50
	25 (RB_Pos:0)	22.27	22.21	22.08	22.50	22.23	22.30	22.13	22.50
	25 (RB_Pos:12)	22.25	22.26	22.24	22.50	22.10	22.03	22.06	22.50
	25 (RB_Pos:25)	22.01	22.15	22.22	22.50	22.10	22.30	22.22	22.50
	50 (RB_Pos:0)	22.17	22.11	22.30	22.50	22.01	22.04	22.28	22.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	22.20	22.00	22.30	22.50	22.04	22.17	22.01	22.50
	1 (RB_Pos:13)	22.20	22.08	22.12	22.50	22.04	22.00	22.29	22.50
	1 (RB_Pos:24)	22.03	22.25	22.14	22.50	22.18	22.22	22.25	22.50
	12 (RB_Pos:0)	22.29	22.21	22.17	22.50	22.27	22.18	22.10	22.50
	12 (RB_Pos:6)	22.16	22.30	22.05	22.50	22.09	22.12	22.26	22.50
	12 (RB_Pos:13)	22.20	22.23	22.26	22.50	22.21	22.28	22.29	22.50
	25 (RB_Pos:0)	22.03	22.01	22.18	22.50	22.21	22.22	22.19	22.50

8.7.77 Power Reduced Level 6&7&8 for ANT 0 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	20.47	20.39	20.54	21.00	20.40	20.31	20.39	21.00
	1 (RB_Pos:50)	20.43	20.49	20.48	21.00	20.45	20.40	20.59	21.00
	1 (RB_Pos:99)	20.53	20.47	20.34	21.00	20.42	20.51	20.41	21.00
	50 (RB_Pos:0)	20.46	20.48	20.56	21.00	20.32	20.39	20.43	21.00
	50 (RB_Pos:25)	20.48	20.40	20.49	21.00	20.43	20.58	20.31	21.00
	50 (RB_Pos:50)	20.37	20.43	20.47	21.00	20.55	20.52	20.31	21.00
	100 (RB_Pos:0)	20.41	20.47	20.40	21.00	20.41	20.48	20.45	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	20.51	20.48	20.56	21.00	20.42	20.39	20.39	21.00
	1 (RB_Pos:38)	20.53	20.33	20.59	21.00	20.30	20.54	20.49	21.00
	1 (RB_Pos:74)	20.57	20.52	20.31	21.00	20.32	20.47	20.42	21.00
	36 (RB_Pos:0)	20.57	20.49	20.47	21.00	20.31	20.34	20.36	21.00
	36 (RB_Pos:20)	20.54	20.57	20.58	21.00	20.60	20.36	20.34	21.00
	36 (RB_Pos:39)	20.55	20.42	20.60	21.00	20.34	20.42	20.32	21.00
	75 (RB_Pos:0)	20.46	20.43	20.42	21.00	20.33	20.55	20.36	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	

10MHz	1 (RB_Pos:0)	20.46	20.34	20.58	21.00	20.58	20.50	20.50	21.00
	1 (RB_Pos:25)	20.48	20.53	20.52	21.00	20.51	20.49	20.50	21.00
	1 (RB_Pos:49)	20.35	20.32	20.32	21.00	20.48	20.42	20.37	21.00
	25 (RB_Pos:0)	20.51	20.48	20.44	21.00	20.42	20.57	20.42	21.00
	25 (RB_Pos:12)	20.52	20.35	20.55	21.00	20.39	20.51	20.46	21.00
	25 (RB_Pos:25)	20.50	20.58	20.52	21.00	20.45	20.51	20.43	21.00
	50 (RB_Pos:0)	20.58	20.48	20.51	21.00	20.31	20.39	20.34	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	20.47	20.46	20.39	21.00	20.50	20.39	20.35	21.00
	1 (RB_Pos:13)	20.47	20.41	20.57	21.00	20.41	20.38	20.50	21.00
	1 (RB_Pos:24)	20.56	20.54	20.33	21.00	20.58	20.47	20.53	21.00
	12 (RB_Pos:0)	20.50	20.33	20.46	21.00	20.56	20.35	20.50	21.00
	12 (RB_Pos:6)	20.38	20.36	20.33	21.00	20.49	20.39	20.48	21.00
	12 (RB_Pos:13)	20.60	20.37	20.37	21.00	20.58	20.40	20.60	21.00
	25 (RB_Pos:0)	20.44	20.50	20.38	21.00	20.50	20.33	20.56	21.00

8.7.78 Power Reduced Level 6&7&8-ANT 3 of LTE Band 41 Class 2

TDD LTE Band 41 Class 2									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	23.18	23.36	23.38	23.50	23.18	23.32	23.13	23.50
	1 (RB_Pos:50)	23.18	23.39	23.14	23.50	23.38	23.18	23.32	23.50
	1 (RB_Pos:99)	23.38	23.22	23.19	23.50	23.31	23.35	23.40	23.50
	50 (RB_Pos:0)	23.26	23.26	23.38	23.50	23.36	23.21	23.28	23.50
	50 (RB_Pos:25)	23.17	23.14	23.22	23.50	23.34	23.37	23.37	23.50
	50 (RB_Pos:50)	23.18	23.11	23.15	23.50	23.33	23.15	23.33	23.50
	100 (RB_Pos:0)	23.24	23.32	23.16	23.50	23.34	23.21	23.31	23.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	23.26	23.17	23.31	23.50	23.18	23.33	23.37	23.50
	1 (RB_Pos:38)	23.17	23.37	23.13	23.50	23.31	23.14	23.36	23.50
	1 (RB_Pos:74)	23.36	23.20	23.29	23.50	23.39	23.19	23.23	23.50
	36 (RB_Pos:0)	23.15	23.22	23.38	23.50	23.18	23.11	23.26	23.50
	36 (RB_Pos:20)	23.16	23.39	23.19	23.50	23.28	23.14	23.13	23.50
	36 (RB_Pos:39)	23.30	23.15	23.21	23.50	23.31	23.33	23.11	23.50
	75 (RB_Pos:0)	23.11	23.23	23.37	23.50	23.26	23.30	23.28	23.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit	16QAM			Tune up limit
	Channel	40190	40690	41190		40190	40690	41190	

					(dBm)				(dBm)
10MHz	1 (RB_Pos:0)	23.11	23.28	23.31	23.50	23.27	23.23	23.14	23.50
	1 (RB_Pos:25)	23.34	23.24	23.27	23.50	23.27	23.15	23.13	23.50
	1 (RB_Pos:49)	23.11	23.13	23.13	23.50	23.33	23.36	23.27	23.50
	25 (RB_Pos:0)	23.13	23.34	23.28	23.50	23.21	23.25	23.19	23.50
	25 (RB_Pos:12)	23.23	23.18	23.21	23.50	23.40	23.27	23.18	23.50
	25 (RB_Pos:25)	23.32	23.16	23.17	23.50	23.39	23.23	23.14	23.50
	50 (RB_Pos:0)	23.25	23.29	23.38	23.50	23.18	23.10	23.21	23.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	23.27	23.37	23.18	23.50	23.28	23.18	23.26	23.50
	1 (RB_Pos:13)	23.19	23.17	23.35	23.50	23.38	23.39	23.17	23.50
	1 (RB_Pos:24)	23.12	23.37	23.37	23.50	23.37	23.29	23.13	23.50
	12 (RB_Pos:0)	23.25	23.24	23.19	23.50	23.31	23.39	23.40	23.50
	12 (RB_Pos:6)	23.22	23.34	23.12	23.50	23.25	23.33	23.15	23.50
	12 (RB_Pos:13)	23.38	23.25	23.35	23.50	23.32	23.18	23.32	23.50
	25 (RB_Pos:0)	23.12	23.23	23.10	23.50	23.13	23.34	23.11	23.50

8.7.79 Power Reduced Level 1 for ANT 2 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	16.50	16.66	16.52	17.00	16.52	16.63	16.65	17.00
	1 (RB_Pos:50)	16.44	16.67	16.55	17.00	16.45	16.51	16.66	17.00
	1 (RB_Pos:99)	16.45	16.59	16.47	17.00	16.69	16.52	16.66	17.00
	50 (RB_Pos:0)	16.44	16.59	16.65	17.00	16.46	16.52	16.51	17.00
	50 (RB_Pos:25)	16.63	16.67	16.58	17.00	16.44	16.66	16.64	17.00
	50 (RB_Pos:50)	16.54	16.44	16.64	17.00	16.46	16.46	16.54	17.00
	100 (RB_Pos:0)	16.62	16.64	16.66	17.00	16.55	16.47	16.54	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	16.57	16.65	16.57	17.00	16.49	16.40	16.64	17.00
	1 (RB_Pos:38)	16.68	16.43	16.59	17.00	16.70	16.44	16.56	17.00
	1 (RB_Pos:74)	16.54	16.70	16.45	17.00	16.47	16.56	16.50	17.00
	36 (RB_Pos:0)	16.53	16.52	16.51	17.00	16.40	16.43	16.52	17.00
	36 (RB_Pos:20)	16.65	16.67	16.40	17.00	16.62	16.46	16.46	17.00
	36 (RB_Pos:39)	16.64	16.69	16.57	17.00	16.57	16.59	16.49	17.00
	75 (RB_Pos:0)	16.46	16.52	16.54	17.00	16.49	16.58	16.53	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up

	Channel	40190	40690	41190	limit (dBm)	40190	40690	41190	limit (dBm)
10MHz	1 (RB_Pos:0)	16.58	16.64	16.68	17.00	16.65	16.49	16.61	17.00
	1 (RB_Pos:25)	16.56	16.44	16.59	17.00	16.55	16.41	16.42	17.00
	1 (RB_Pos:49)	16.48	16.48	16.56	17.00	16.59	16.40	16.54	17.00
	25 (RB_Pos:0)	16.58	16.47	16.51	17.00	16.48	16.60	16.53	17.00
	25 (RB_Pos:12)	16.45	16.68	16.58	17.00	16.56	16.43	16.55	17.00
	25 (RB_Pos:25)	16.66	16.62	16.64	17.00	16.55	16.56	16.59	17.00
	50 (RB_Pos:0)	16.66	16.65	16.55	17.00	16.70	16.62	16.56	17.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	40165	40690	41215	limit (dBm)	40165	40690	41215	limit (dBm)
5MHz	1 (RB_Pos:0)	16.59	16.62	16.57	17.00	16.53	16.51	16.55	17.00
	1 (RB_Pos:13)	16.42	16.54	16.69	17.00	16.49	16.66	16.56	17.00
	1 (RB_Pos:24)	16.56	16.48	16.64	17.00	16.70	16.68	16.51	17.00
	12 (RB_Pos:0)	16.67	16.68	16.41	17.00	16.46	16.63	16.63	17.00
	12 (RB_Pos:6)	16.58	16.49	16.45	17.00	16.48	16.67	16.51	17.00
	12 (RB_Pos:13)	16.45	16.50	16.55	17.00	16.45	16.60	16.44	17.00
	25 (RB_Pos:0)	16.49	16.55	16.42	17.00	16.67	16.64	16.49	17.00

8.7.80 Power Reduced Level 2 for ANT 2 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	40240	40690	41140	limit (dBm)	40240	40690	41140	limit (dBm)
20MHz	1 (RB_Pos:0)	15.12	15.16	15.19	15.50	15.17	15.15	15.12	15.50
	1 (RB_Pos:50)	15.14	15.22	15.36	15.50	15.28	15.24	15.25	15.50
	1 (RB_Pos:99)	15.25	15.16	15.22	15.50	15.35	15.28	15.12	15.50
	50 (RB_Pos:0)	15.29	15.27	15.29	15.50	15.22	15.35	15.12	15.50
	50 (RB_Pos:25)	15.35	15.32	15.28	15.50	15.19	15.12	15.24	15.50
	50 (RB_Pos:50)	15.12	15.38	15.16	15.50	15.31	15.11	15.27	15.50
	100 (RB_Pos:0)	15.15	15.13	15.25	15.50	15.30	15.24	15.33	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up	16QAM			Tune up
	Channel	40215	40690	41165	limit (dBm)	40215	40690	41165	limit (dBm)
15MHz	1 (RB_Pos:0)	15.17	15.27	15.37	15.50	15.18	15.11	15.13	15.50
	1 (RB_Pos:38)	15.22	15.31	15.28	15.50	15.28	15.30	15.21	15.50
	1 (RB_Pos:74)	15.19	15.29	15.16	15.50	15.37	15.12	15.26	15.50
	36 (RB_Pos:0)	15.39	15.23	15.25	15.50	15.14	15.34	15.37	15.50
	36 (RB_Pos:20)	15.18	15.19	15.21	15.50	15.27	15.25	15.37	15.50
	36 (RB_Pos:39)	15.14	15.36	15.12	15.50	15.23	15.24	15.26	15.50
	75 (RB_Pos:0)	15.17	15.14	15.13	15.50	15.20	15.32	15.12	15.50
Bandwidth	RB Set	Power (dBm)							

(MHz)		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	15.15	15.29	15.17	15.50	15.37	15.13	15.23	15.50
	1 (RB_Pos:25)	15.16	15.39	15.32	15.50	15.16	15.27	15.10	15.50
	1 (RB_Pos:49)	15.12	15.23	15.35	15.50	15.22	15.16	15.31	15.50
	25 (RB_Pos:0)	15.19	15.12	15.40	15.50	15.36	15.36	15.24	15.50
	25 (RB_Pos:12)	15.39	15.20	15.13	15.50	15.29	15.32	15.25	15.50
	25 (RB_Pos:25)	15.12	15.26	15.36	15.50	15.24	15.22	15.36	15.50
	50 (RB_Pos:0)	15.25	15.20	15.36	15.50	15.27	15.35	15.39	15.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	15.23	15.18	15.11	15.50	15.30	15.30	15.35	15.50
	1 (RB_Pos:13)	15.12	15.29	15.28	15.50	15.11	15.22	15.38	15.50
	1 (RB_Pos:24)	15.20	15.24	15.19	15.50	15.31	15.18	15.28	15.50
	12 (RB_Pos:0)	15.26	15.37	15.33	15.50	15.31	15.18	15.37	15.50
	12 (RB_Pos:6)	15.17	15.18	15.24	15.50	15.35	15.40	15.38	15.50
	12 (RB_Pos:13)	15.22	15.25	15.15	15.50	15.34	15.37	15.12	15.50
	25 (RB_Pos:0)	15.40	15.12	15.13	15.50	15.18	15.21	15.38	15.50

8.7.81 Power Reduced Level 3&4 for ANT 2 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	15.55	15.70	15.75	16.00	15.56	15.77	15.60	16.00
	1 (RB_Pos:50)	15.50	15.71	15.51	16.00	15.76	15.71	15.74	16.00
	1 (RB_Pos:99)	15.74	15.61	15.80	16.00	15.54	15.72	15.69	16.00
	50 (RB_Pos:0)	15.54	15.51	15.77	16.00	15.74	15.55	15.74	16.00
	50 (RB_Pos:25)	15.71	15.73	15.51	16.00	15.70	15.76	15.69	16.00
	50 (RB_Pos:50)	15.64	15.63	15.56	16.00	15.75	15.61	15.79	16.00
	100 (RB_Pos:0)	15.59	15.54	15.63	16.00	15.56	15.71	15.74	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	15.72	15.70	15.65	16.00	15.56	15.74	15.79	16.00
	1 (RB_Pos:38)	15.51	15.76	15.79	16.00	15.66	15.72	15.63	16.00
	1 (RB_Pos:74)	15.52	15.72	15.57	16.00	15.58	15.69	15.62	16.00
	36 (RB_Pos:0)	15.75	15.58	15.74	16.00	15.51	15.55	15.70	16.00
	36 (RB_Pos:20)	15.64	15.60	15.50	16.00	15.71	15.74	15.61	16.00
	36 (RB_Pos:39)	15.58	15.71	15.77	16.00	15.59	15.50	15.57	16.00
	75 (RB_Pos:0)	15.78	15.72	15.59	16.00	15.51	15.77	15.68	16.00

Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	15.77	15.57	15.53	16.00	15.75	15.75	15.68	16.00
	1 (RB_Pos:25)	15.71	15.76	15.55	16.00	15.71	15.56	15.61	16.00
	1 (RB_Pos:49)	15.78	15.61	15.79	16.00	15.72	15.64	15.59	16.00
	25 (RB_Pos:0)	15.68	15.52	15.58	16.00	15.71	15.53	15.78	16.00
	25 (RB_Pos:12)	15.72	15.62	15.56	16.00	15.52	15.61	15.54	16.00
	25 (RB_Pos:25)	15.69	15.70	15.75	16.00	15.66	15.56	15.61	16.00
	50 (RB_Pos:0)	15.72	15.54	15.72	16.00	15.70	15.64	15.60	16.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	15.70	15.51	15.71	16.00	15.67	15.66	15.54	16.00
	1 (RB_Pos:13)	15.58	15.55	15.79	16.00	15.70	15.54	15.53	16.00
	1 (RB_Pos:24)	15.61	15.59	15.73	16.00	15.56	15.59	15.54	16.00
	12 (RB_Pos:0)	15.56	15.71	15.56	16.00	15.73	15.66	15.65	16.00
	12 (RB_Pos:6)	15.59	15.76	15.76	16.00	15.58	15.79	15.78	16.00
	12 (RB_Pos:13)	15.61	15.78	15.73	16.00	15.76	15.60	15.65	16.00
	25 (RB_Pos:0)	15.51	15.61	15.63	16.00	15.61	15.76	15.64	16.00

8.7.82 Power Reduced Level 1-ANT 0 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	20.39	20.46	20.33	21.00	20.22	20.46	20.38	21.00
	1 (RB_Pos:50)	20.22	20.41	20.36	21.00	20.22	20.37	20.45	21.00
	1 (RB_Pos:99)	20.45	20.38	20.28	21.00	20.42	20.33	20.33	21.00
	50 (RB_Pos:0)	20.32	20.33	20.35	21.00	20.29	20.35	20.24	21.00
	50 (RB_Pos:25)	20.24	20.38	20.27	21.00	20.37	20.49	20.47	21.00
	50 (RB_Pos:50)	20.42	20.43	20.35	21.00	20.35	20.21	20.38	21.00
	100 (RB_Pos:0)	20.37	20.32	20.23	21.00	20.35	20.38	20.40	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	20.30	20.49	20.39	21.00	20.28	20.34	20.39	21.00
	1 (RB_Pos:38)	20.37	20.46	20.23	21.00	20.32	20.28	20.20	21.00
	1 (RB_Pos:74)	20.31	20.39	20.20	21.00	20.42	20.42	20.42	21.00
	36 (RB_Pos:0)	20.35	20.29	20.42	21.00	20.35	20.42	20.28	21.00
	36 (RB_Pos:20)	20.31	20.36	20.36	21.00	20.21	20.26	20.47	21.00
	36 (RB_Pos:39)	20.29	20.40	20.23	21.00	20.38	20.50	20.41	21.00

	75 (RB_Pos:0)	20.25	20.46	20.27	21.00	20.48	20.39	20.32	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	20.20	20.32	20.33	21.00	20.43	20.50	20.36	21.00
	1 (RB_Pos:25)	20.25	20.29	20.39	21.00	20.23	20.23	20.33	21.00
	1 (RB_Pos:49)	20.47	20.38	20.39	21.00	20.35	20.49	20.37	21.00
	25 (RB_Pos:0)	20.22	20.49	20.27	21.00	20.26	20.46	20.22	21.00
	25 (RB_Pos:12)	20.26	20.43	20.48	21.00	20.44	20.48	20.42	21.00
	25 (RB_Pos:25)	20.21	20.30	20.44	21.00	20.35	20.31	20.34	21.00
	50 (RB_Pos:0)	20.38	20.48	20.38	21.00	20.31	20.44	20.28	21.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	20.34	20.24	20.27	21.00	20.26	20.47	20.33	21.00
	1 (RB_Pos:13)	20.27	20.35	20.45	21.00	20.34	20.22	20.45	21.00
	1 (RB_Pos:24)	20.32	20.23	20.40	21.00	20.23	20.50	20.46	21.00
	12 (RB_Pos:0)	20.24	20.24	20.25	21.00	20.40	20.31	20.21	21.00
	12 (RB_Pos:6)	20.43	20.44	20.32	21.00	20.23	20.37	20.33	21.00
	12 (RB_Pos:13)	20.25	20.45	20.31	21.00	20.44	20.40	20.41	21.00
	25 (RB_Pos:0)	20.23	20.35	20.32	21.00	20.35	20.29	20.39	21.00

8.7.83 Power Reduced Level 2&3&4-ANT 0 and Level 5-ANT 2 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	19.44	19.50	19.57	20.00	19.62	19.48	19.60	20.00
	1 (RB_Pos:50)	19.52	19.70	19.48	20.00	19.52	19.65	19.52	20.00
	1 (RB_Pos:99)	19.50	19.64	19.65	20.00	19.42	19.58	19.58	20.00
	50 (RB_Pos:0)	19.56	19.47	19.55	20.00	19.44	19.51	19.57	20.00
	50 (RB_Pos:25)	19.46	19.69	19.52	20.00	19.56	19.59	19.44	20.00
	50 (RB_Pos:50)	19.43	19.43	19.53	20.00	19.68	19.43	19.61	20.00
	100 (RB_Pos:0)	19.59	19.59	19.63	20.00	19.54	19.65	19.56	20.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	19.41	19.53	19.43	20.00	19.48	19.54	19.47	20.00
	1 (RB_Pos:38)	19.50	19.56	19.49	20.00	19.64	19.65	19.42	20.00
	1 (RB_Pos:74)	19.57	19.69	19.56	20.00	19.57	19.44	19.54	20.00
	36 (RB_Pos:0)	19.64	19.47	19.58	20.00	19.54	19.64	19.54	20.00
	36 (RB_Pos:20)	19.51	19.50	19.58	20.00	19.49	19.54	19.43	20.00

	36 (RB_Pos:39)	19.50	19.63	19.56	20.00	19.61	19.53	19.69	20.00
	75 (RB_Pos:0)	19.68	19.70	19.50	20.00	19.51	19.59	19.58	20.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	19.40	19.54	19.48	20.00	19.57	19.52	19.64	20.00
	1 (RB_Pos:25)	19.64	19.43	19.50	20.00	19.60	19.66	19.53	20.00
	1 (RB_Pos:49)	19.40	19.55	19.65	20.00	19.51	19.50	19.49	20.00
	25 (RB_Pos:0)	19.68	19.61	19.41	20.00	19.44	19.45	19.62	20.00
	25 (RB_Pos:12)	19.68	19.43	19.63	20.00	19.57	19.69	19.49	20.00
	25 (RB_Pos:25)	19.70	19.53	19.44	20.00	19.41	19.48	19.47	20.00
	50 (RB_Pos:0)	19.56	19.57	19.56	20.00	19.50	19.52	19.51	20.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	19.45	19.64	19.59	20.00	19.66	19.68	19.47	20.00
	1 (RB_Pos:13)	19.56	19.52	19.49	20.00	19.54	19.50	19.49	20.00
	1 (RB_Pos:24)	19.52	19.66	19.65	20.00	19.48	19.63	19.53	20.00
	12 (RB_Pos:0)	19.55	19.54	19.64	20.00	19.55	19.48	19.54	20.00
	12 (RB_Pos:6)	19.44	19.51	19.47	20.00	19.60	19.67	19.55	20.00
	12 (RB_Pos:13)	19.43	19.59	19.66	20.00	19.58	19.44	19.49	20.00
	25 (RB_Pos:0)	19.43	19.62	19.51	20.00	19.63	19.69	19.60	20.00

8.7.84 Power Reduced Level 6 for ANT 2 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	18.17	18.10	18.26	18.50	18.25	18.02	18.06	18.50
	1 (RB_Pos:50)	18.04	18.28	18.18	18.50	18.11	18.19	18.01	18.50
	1 (RB_Pos:99)	18.21	18.03	18.18	18.50	18.27	18.19	18.17	18.50
	50 (RB_Pos:0)	18.24	18.26	18.18	18.50	18.19	18.20	18.27	18.50
	50 (RB_Pos:25)	18.25	18.14	18.18	18.50	18.07	18.24	18.24	18.50
	50 (RB_Pos:50)	18.16	18.28	18.11	18.50	18.18	18.05	18.01	18.50
	100 (RB_Pos:0)	18.07	18.00	18.24	18.50	18.04	18.15	18.12	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	18.20	18.16	18.14	18.50	18.00	18.12	18.19	18.50
	1 (RB_Pos:38)	18.25	18.03	18.23	18.50	18.19	18.30	18.27	18.50
	1 (RB_Pos:74)	18.16	18.05	18.06	18.50	18.30	18.24	18.28	18.50
	36 (RB_Pos:0)	18.17	18.10	18.13	18.50	18.24	18.00	18.05	18.50

	36 (RB_Pos:20)	18.01	18.01	18.14	18.50	18.25	18.16	18.27	18.50
	36 (RB_Pos:39)	18.13	18.21	18.15	18.50	18.24	18.16	18.29	18.50
	75 (RB_Pos:0)	18.17	18.10	18.23	18.50	18.13	18.21	18.27	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	18.24	18.23	18.18	18.50	18.23	18.19	18.05	18.50
	1 (RB_Pos:25)	18.26	18.29	18.23	18.50	18.28	18.29	18.19	18.50
	1 (RB_Pos:49)	18.10	18.27	18.03	18.50	18.27	18.23	18.01	18.50
	25 (RB_Pos:0)	18.18	18.02	18.14	18.50	18.08	18.12	18.23	18.50
	25 (RB_Pos:12)	18.13	18.21	18.02	18.50	18.07	18.29	18.05	18.50
	25 (RB_Pos:25)	18.11	18.08	18.05	18.50	18.18	18.03	18.19	18.50
	50 (RB_Pos:0)	18.23	18.25	18.26	18.50	18.06	18.10	18.05	18.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	18.19	18.10	18.19	18.50	18.18	18.27	18.11	18.50
	1 (RB_Pos:13)	18.29	18.06	18.05	18.50	18.20	18.14	18.08	18.50
	1 (RB_Pos:24)	18.28	18.22	18.14	18.50	18.09	18.09	18.26	18.50
	12 (RB_Pos:0)	18.25	18.26	18.29	18.50	18.26	18.15	18.24	18.50
	12 (RB_Pos:6)	18.27	18.18	18.16	18.50	18.04	18.22	18.17	18.50
	12 (RB_Pos:13)	18.08	18.12	18.27	18.50	18.05	18.03	18.05	18.50
	25 (RB_Pos:0)	18.01	18.30	18.15	18.50	18.18	18.02	18.23	18.50

8.7.85 Power Reduced Level 7&8 for ANT 2 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	18.89	18.95	19.03	19.50	18.87	19.09	19.01	19.50
	1 (RB_Pos:50)	18.99	18.84	18.85	19.50	19.07	19.00	19.07	19.50
	1 (RB_Pos:99)	18.99	19.05	18.86	19.50	18.91	19.06	19.06	19.50
	50 (RB_Pos:0)	18.95	18.99	18.82	19.50	18.90	18.97	19.03	19.50
	50 (RB_Pos:25)	18.87	18.83	18.95	19.50	19.06	19.02	18.82	19.50
	50 (RB_Pos:50)	18.91	18.97	19.02	19.50	19.08	18.90	18.89	19.50
	100 (RB_Pos:0)	19.06	19.08	18.99	19.50	19.09	18.89	18.83	19.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	18.95	18.90	18.89	19.50	19.04	18.84	18.90	19.50
	1 (RB_Pos:38)	18.98	18.91	18.90	19.50	19.05	18.99	19.07	19.50
	1 (RB_Pos:74)	18.91	18.96	18.97	19.50	18.97	19.09	19.09	19.50

	36 (RB_Pos:0)	18.88	18.89	18.86	19.50	19.07	18.88	18.88	19.50
	36 (RB_Pos:20)	19.08	18.87	19.08	19.50	19.01	19.02	19.00	19.50
	36 (RB_Pos:39)	18.85	18.91	18.94	19.50	18.85	18.81	18.97	19.50
	75 (RB_Pos:0)	18.82	19.04	18.83	19.50	19.05	19.06	18.91	19.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	18.83	18.99	19.07	19.50	18.89	18.88	18.99	19.50
	1 (RB_Pos:25)	18.83	18.86	18.97	19.50	18.97	18.96	18.92	19.50
	1 (RB_Pos:49)	19.05	18.97	19.05	19.50	18.86	19.03	18.81	19.50
	25 (RB_Pos:0)	19.00	19.03	19.02	19.50	19.10	19.05	18.97	19.50
	25 (RB_Pos:12)	18.81	18.84	18.84	19.50	18.80	18.97	18.95	19.50
	25 (RB_Pos:25)	19.09	19.07	18.96	19.50	18.96	19.06	18.99	19.50
	50 (RB_Pos:0)	19.04	19.10	18.87	19.50	18.92	18.97	19.06	19.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	18.94	19.08	18.96	19.50	18.83	18.85	19.01	19.50
	1 (RB_Pos:13)	18.95	18.85	18.89	19.50	18.85	19.04	18.87	19.50
	1 (RB_Pos:24)	18.87	18.86	19.01	19.50	19.09	19.09	18.91	19.50
	12 (RB_Pos:0)	18.88	19.00	18.99	19.50	18.88	18.89	18.99	19.50
	12 (RB_Pos:6)	19.09	19.06	18.80	19.50	18.81	18.87	19.01	19.50
	12 (RB_Pos:13)	19.10	18.92	19.03	19.50	18.84	19.06	19.03	19.50
	25 (RB_Pos:0)	19.03	18.94	19.08	19.50	18.95	18.95	19.01	19.50

8.7.86 Power Reduced Level 5 for ANT 0 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	21.52	21.51	21.58	22.00	21.58	21.70	21.44	22.00
	1 (RB_Pos:50)	21.62	21.42	21.63	22.00	21.44	21.44	21.49	22.00
	1 (RB_Pos:99)	21.62	21.70	21.53	22.00	21.57	21.62	21.46	22.00
	50 (RB_Pos:0)	21.42	21.62	21.55	22.00	21.45	21.69	21.60	22.00
	50 (RB_Pos:25)	21.67	21.49	21.53	22.00	21.64	21.43	21.54	22.00
	50 (RB_Pos:50)	21.42	21.46	21.42	22.00	21.64	21.46	21.63	22.00
	100 (RB_Pos:0)	21.48	21.49	21.47	22.00	21.46	21.64	21.66	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	21.41	21.46	21.50	22.00	21.56	21.68	21.69	22.00
	1 (RB_Pos:38)	21.70	21.53	21.47	22.00	21.42	21.69	21.62	22.00

	1 (RB_Pos:74)	21.60	21.70	21.63	22.00	21.61	21.66	21.62	22.00
	36 (RB_Pos:0)	21.55	21.43	21.64	22.00	21.50	21.63	21.53	22.00
	36 (RB_Pos:20)	21.50	21.51	21.56	22.00	21.58	21.53	21.47	22.00
	36 (RB_Pos:39)	21.41	21.65	21.44	22.00	21.62	21.64	21.47	22.00
	75 (RB_Pos:0)	21.56	21.41	21.55	22.00	21.49	21.63	21.60	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	21.51	21.53	21.41	22.00	21.50	21.55	21.48	22.00
	1 (RB_Pos:25)	21.54	21.68	21.57	22.00	21.46	21.68	21.68	22.00
	1 (RB_Pos:49)	21.41	21.45	21.44	22.00	21.66	21.67	21.41	22.00
	25 (RB_Pos:0)	21.68	21.63	21.47	22.00	21.46	21.40	21.51	22.00
	25 (RB_Pos:12)	21.60	21.55	21.43	22.00	21.44	21.63	21.53	22.00
	25 (RB_Pos:25)	21.40	21.69	21.43	22.00	21.64	21.50	21.65	22.00
	50 (RB_Pos:0)	21.40	21.65	21.68	22.00	21.68	21.56	21.47	22.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	21.54	21.69	21.62	22.00	21.43	21.56	21.65	22.00
	1 (RB_Pos:13)	21.50	21.66	21.46	22.00	21.50	21.56	21.60	22.00
	1 (RB_Pos:24)	21.67	21.70	21.43	22.00	21.56	21.46	21.50	22.00
	12 (RB_Pos:0)	21.50	21.58	21.46	22.00	21.48	21.44	21.53	22.00
	12 (RB_Pos:6)	21.50	21.66	21.46	22.00	21.49	21.49	21.50	22.00
	12 (RB_Pos:13)	21.50	21.57	21.45	22.00	21.55	21.65	21.55	22.00
	25 (RB_Pos:0)	21.51	21.46	21.50	22.00	21.47	21.68	21.42	22.00

8.7.87 Power Reduced Level 6&7&8 for ANT 0 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	20.00	20.02	20.16	20.50	20.25	20.09	20.12	20.50
	1 (RB_Pos:50)	20.17	20.19	20.21	20.50	20.04	20.16	20.10	20.50
	1 (RB_Pos:99)	20.23	20.18	20.19	20.50	20.27	20.03	20.23	20.50
	50 (RB_Pos:0)	20.19	20.24	20.21	20.50	20.02	20.24	20.29	20.50
	50 (RB_Pos:25)	20.20	20.23	20.22	20.50	20.22	20.27	20.01	20.50
	50 (RB_Pos:50)	20.06	20.10	20.05	20.50	20.15	20.04	20.18	20.50
	100 (RB_Pos:0)	20.07	20.25	20.06	20.50	20.01	20.24	20.16	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	
15MHz	1 (RB_Pos:0)	20.27	20.10	20.24	20.50	20.29	20.09	20.08	20.50

	1 (RB_Pos:38)	20.01	20.23	20.29	20.50	20.10	20.30	20.23	20.50
	1 (RB_Pos:74)	20.10	20.03	20.08	20.50	20.15	20.15	20.25	20.50
	36 (RB_Pos:0)	20.30	20.05	20.12	20.50	20.13	20.08	20.15	20.50
	36 (RB_Pos:20)	20.17	20.25	20.21	20.50	20.20	20.16	20.02	20.50
	36 (RB_Pos:39)	20.29	20.12	20.13	20.50	20.02	20.22	20.19	20.50
	75 (RB_Pos:0)	20.23	20.29	20.18	20.50	20.11	20.09	20.12	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	20.27	20.00	20.18	20.50	20.17	20.26	20.09	20.50
	1 (RB_Pos:25)	20.13	20.28	20.07	20.50	20.06	20.26	20.15	20.50
	1 (RB_Pos:49)	20.06	20.24	20.17	20.50	20.17	20.28	20.11	20.50
	25 (RB_Pos:0)	20.02	20.05	20.10	20.50	20.10	20.12	20.05	20.50
	25 (RB_Pos:12)	20.09	20.00	20.25	20.50	20.29	20.12	20.23	20.50
	25 (RB_Pos:25)	20.05	20.04	20.13	20.50	20.04	20.22	20.12	20.50
	50 (RB_Pos:0)	20.08	20.11	20.05	20.50	20.03	20.24	20.02	20.50
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	20.16	20.26	20.05	20.50	20.08	20.21	20.22	20.50
	1 (RB_Pos:13)	20.12	20.17	20.05	20.50	20.20	20.25	20.00	20.50
	1 (RB_Pos:24)	20.04	20.22	20.16	20.50	20.03	20.02	20.26	20.50
	12 (RB_Pos:0)	20.21	20.29	20.08	20.50	20.08	20.04	20.03	20.50
	12 (RB_Pos:6)	20.22	20.04	20.11	20.50	20.17	20.13	20.24	20.50
	12 (RB_Pos:13)	20.09	20.00	20.23	20.50	20.26	20.09	20.24	20.50
	25 (RB_Pos:0)	20.02	20.11	20.11	20.50	20.09	20.10	20.26	20.50

8.7.88 Power Reduced Level 6&7&8 for ANT 3 of LTE Band 41 Class 3

TDD LTE Band 41 Class 3									
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40240	40690	41140		40240	40690	41140	
20MHz	1 (RB_Pos:0)	22.43	22.46	22.58	23.00	22.61	22.42	22.61	23.00
	1 (RB_Pos:50)	22.55	22.54	22.41	23.00	22.55	22.44	22.67	23.00
	1 (RB_Pos:99)	22.56	22.69	22.59	23.00	22.53	22.44	22.52	23.00
	50 (RB_Pos:0)	22.51	22.50	22.67	23.00	22.58	22.68	22.66	23.00
	50 (RB_Pos:25)	22.43	22.52	22.58	23.00	22.44	22.46	22.53	23.00
	50 (RB_Pos:50)	22.44	22.56	22.64	23.00	22.53	22.57	22.65	23.00
	100 (RB_Pos:0)	22.62	22.66	22.54	23.00	22.60	22.55	22.59	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40215	40690	41165		40215	40690	41165	

15MHz	1 (RB_Pos:0)	22.58	22.70	22.47	23.00	22.42	22.41	22.52	23.00
	1 (RB_Pos:38)	22.47	22.62	22.64	23.00	22.58	22.44	22.47	23.00
	1 (RB_Pos:74)	22.69	22.61	22.66	23.00	22.58	22.45	22.61	23.00
	36 (RB_Pos:0)	22.48	22.70	22.64	23.00	22.51	22.69	22.54	23.00
	36 (RB_Pos:20)	22.64	22.48	22.46	23.00	22.66	22.58	22.60	23.00
	36 (RB_Pos:39)	22.62	22.70	22.62	23.00	22.47	22.69	22.57	23.00
	75 (RB_Pos:0)	22.44	22.52	22.55	23.00	22.41	22.62	22.70	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40190	40690	41190		40190	40690	41190	
10MHz	1 (RB_Pos:0)	22.60	22.50	22.61	23.00	22.43	22.40	22.68	23.00
	1 (RB_Pos:25)	22.53	22.66	22.63	23.00	22.57	22.45	22.54	23.00
	1 (RB_Pos:49)	22.43	22.41	22.44	23.00	22.43	22.51	22.54	23.00
	25 (RB_Pos:0)	22.55	22.57	22.45	23.00	22.51	22.54	22.45	23.00
	25 (RB_Pos:12)	22.70	22.57	22.51	23.00	22.58	22.41	22.43	23.00
	25 (RB_Pos:25)	22.51	22.69	22.44	23.00	22.59	22.57	22.50	23.00
	50 (RB_Pos:0)	22.46	22.60	22.51	23.00	22.46	22.63	22.61	23.00
Bandwidth (MHz)	RB Set	Power (dBm)							
		QPSK			Tune up limit (dBm)	16QAM			Tune up limit (dBm)
	Channel	40165	40690	41215		40165	40690	41215	
5MHz	1 (RB_Pos:0)	22.46	22.67	22.57	23.00	22.60	22.57	22.70	23.00
	1 (RB_Pos:13)	22.43	22.42	22.55	23.00	22.64	22.68	22.43	23.00
	1 (RB_Pos:24)	22.55	22.68	22.70	23.00	22.54	22.68	22.55	23.00
	12 (RB_Pos:0)	22.63	22.49	22.65	23.00	22.60	22.58	22.66	23.00
	12 (RB_Pos:6)	22.58	22.67	22.51	23.00	22.48	22.41	22.55	23.00
	12 (RB_Pos:13)	22.65	22.68	22.67	23.00	22.47	22.53	22.53	23.00
	25 (RB_Pos:0)	22.63	22.70	22.47	23.00	22.42	22.64	22.54	23.00

8.7.89 Power Reduced Level 1 for ANT 2 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	14.78
21100	21298	20	QPSK	1	High	2	Low	3	14.86
21350	21152	20	QPSK	1	High	2	Low	3	14.62

8.7.90 Power Reduced Level 2 for ANT 2 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total	Measured

				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	Power(dBm)
20850	21048	20	QPSK	1	High	2	Low	3	11.76
21100	21298	20	QPSK	1	High	2	Low	3	11.68
21350	21152	20	QPSK	1	High	2	Low	3	11.73

8.7.91 Power Reduced Level 3&4 for ANT 2 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	13.65
21100	21298	20	QPSK	1	High	2	Low	3	13.63
21350	21152	20	QPSK	1	High	2	Low	3	13.61

8.7.92 Power Reduced Level 5 for ANT 2 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	17.67
21100	21298	20	QPSK	1	High	2	Low	3	17.71
21350	21152	20	QPSK	1	High	2	Low	3	17.64

8.7.93 Power Reduced Level 6 for ANT 2 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	13.92
21100	21298	20	QPSK	1	High	2	Low	3	13.95
21350	21152	20	QPSK	1	High	2	Low	3	13.81

8.7.94 Power Reduced Level 7&8 for ANT 2 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	15.12
21100	21298	20	QPSK	1	High	2	Low	3	15.14
21350	21152	20	QPSK	1	High	2	Low	3	15.07

8.7.95 Power Reduced Level 1 for ANT 0 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	17.67
21100	21298	20	QPSK	1	High	2	Low	3	17.82
21350	21152	20	QPSK	1	High	2	Low	3	17.73

8.7.96 Power Reduced Level 2&3&4 for ANT 0 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	16.52
21100	21298	20	QPSK	1	High	2	Low	3	16.68
21350	21152	20	QPSK	1	High	2	Low	3	16.64

8.7.97 Power Reduced Level 5 for ANT 0&ANT 3 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	22.63
21100	21298	20	QPSK	1	High	2	Low	3	22.95
21350	21152	20	QPSK	1	High	2	Low	3	23.69

8.7.98 Power Reduced Level 6 for ANT 0 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	20.06
21100	21298	20	QPSK	1	High	2	Low	3	20.11
21350	21152	20	QPSK	1	High	2	Low	3	20.01

8.7.99 Power Reduced Level 7&8 for ANT 0 and Level 6&7&8-ANT 3 of LTE Uplink 2CA_ Bnad7

LTE Uplink 2CA_ Bnad7									
Combination 20MHz+20MHz(100RB+100RB)									
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.		
20850	21048	20	QPSK	1	High	2	Low	3	20.88
21100	21298	20	QPSK	1	High	2	Low	3	20.92
21350	21152	20	QPSK	1	High	2	Low	3	20.90

8.7.100 Power Reduced Level 1 of 2.4G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	15.23	15.50	Yes
		6	2437	15.16	15.50	Yes
		11	2462	15.29	15.50	Yes
	802.11g	1	2412	11.35	12.00	No
		6	2437	11.50	12.00	No
		11	2462	11.29	12.00	No
	802.11n(HT20)	1	2412	11.29	12.00	No
		6	2437	11.35	12.00	No
		11	2462	11.51	12.00	No

8.7.101 Power Reduced Level 2 of 2.4G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	16.29	16.50	Yes
		6	2437	16.28	16.50	Yes
		11	2462	16.36	16.50	Yes

	802.11g	1	2412	12.51	13.00	No
		6	2437	12.65	13.00	No
		11	2462	12.63	13.00	No
	802.11n(HT20)	1	2412	12.64	13.00	No
		6	2437	12.58	13.00	No
		11	2462	12.62	13.00	No

8.7.102 Power Reduced Level 3&4 of 2.4G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	12.27	12.50	Yes
		6	2437	12.18	12.50	Yes
		11	2462	12.42	12.50	Yes
	802.11g	1	2412	8.45	9.00	No
		6	2437	8.43	9.00	No
		11	2462	8.80	9.00	No
	802.11n(HT20)	1	2412	8.94	9.00	No
		6	2437	8.91	9.00	No
		11	2462	8.65	9.00	No

8.7.103 Power Reduced Level 7&8 of 2.4G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	17.64	18.00	Yes
		6	2437	17.75	18.00	Yes
		11	2462	17.93	18.00	Yes
	802.11g	1	2412	14.39	14.50	No
		6	2437	14.48	14.50	No
		11	2462	14.13	14.50	No
	802.11n(HT20)	1	2412	13.87	14.50	No
		6	2437	13.89	14.50	No
		11	2462	13.71	14.50	No

8.7.104 Power Reduced Level 1 of 2.4G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11g	1	2412	14.59	15.00	Yes
		6	2437	14.76	15.00	Yes
		11	2462	14.58	15.00	Yes
	802.11n(HT20)	1	2412	14.66	15.00	No
		6	2437	14.74	15.00	No

		11	2462	14.91	15.00	No
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8.7.105 Power Reduced Level 3 of 2.4G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11g	1	2412	11.63	12.00	Yes
		6	2437	11.64	12.00	Yes
		11	2462	11.78	12.00	Yes
	802.11n(HT20)	1	2412	11.74	12.00	No
		6	2437	11.83	12.00	No
		11	2462	11.64	12.00	No

8.7.106 Power Reduced Level 7 of 2.4G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11g	1	2412	17.42	17.50	Yes
		6	2437	17.50	17.50	Yes
		11	2462	17.29	17.50	Yes
	802.11n(HT20)	1	2412	17.19	17.50	No
		6	2437	17.15	17.50	No
		11	2462	17.08	17.50	No

8.7.107 Power Reduced Level 1 of 5G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	12.65	13.00	No
		44	5220	12.61	13.00	No
		48	5240	12.37	13.00	No
	802.11n(HT20)	36	5180	10.56	11.50	No
		44	5220	10.57	11.50	No
		48	5240	10.54	11.50	No
	802.11n(HT40)	38	5190	10.63	11.50	No
		46	5230	10.57	11.50	No
	802.11ac(VHT20)	36	5180	10.64	11.50	No
		44	5220	10.64	11.50	No
		48	5240	10.51	11.50	No
	802.11ac(VHT40)	38	5190	10.46	11.50	No
		46	5230	10.56	11.50	No
	802.11ac(VHT80)	42	5210	10.50	11.50	No
5.3 (5.25~5.35)	802.11a	52	5260	12.56	13.00	No
		60	5300	12.65	13.00	No
		64	5320	12.65	13.00	No
	802.11n(HT20)	52	5260	11.04	12.00	No
		60	5300	11.06	12.00	No
		64	5320	11.18	12.00	No
	802.11n(HT40)	54	5270	11.10	12.00	No
		62	5310	9.65	12.00	No
	802.11ac(VHT20)	52	5260	11.13	12.00	No
		60	5300	11.06	12.00	No
		64	5320	11.09	12.00	No
	802.11ac(VHT40)	54	5270	11.06	12.00	No
		62	5310	9.65	12.00	No
	802.11ac(VHT80)	58	5290	9.41	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	12.37	13.00	No
		116	5580	12.36	13.00	No
		140	5700	12.32	13.00	No
	802.11n(HT20)	100	5500	10.36	11.00	No
		116	5580	10.44	11.00	No
		140	5700	10.38	11.00	No
	802.11n(HT40)	102	5510	10.43	11.00	No
		118	5590	10.37	11.00	No
		134	5670	10.45	11.00	No
	802.11ac(VHT20)	100	5500	10.55	11.00	No
		116	5580	10.59	11.00	No

	802.11ac(VHT40)	140	5700	10.38	11.00	No
		102	5510	10.58	11.00	No
		118	5590	10.58	11.00	No
		134	5670	10.41	11.00	No
	802.11ac(VHT80)	106	5530	8.96	11.00	No
		122	5690	10.62	11.00	No
5.8 (5.725~5.850)	802.11a	149	5745	12.02	12.50	No
		157	5785	12.02	12.50	No
		165	5825	11.99	12.50	No
	802.11n(HT20)	149	5745	11.96	12.50	No
		157	5785	12.08	12.50	No
		165	5825	12.08	12.50	No
	802.11n(HT40)	151	5755	12.08	12.50	No
		159	5795	12.04	12.50	No
	802.11ac(VHT20)	149	5745	12.09	12.50	No
		157	5785	11.97	12.50	No
		165	5825	12.01	12.50	No
	802.11ac(VHT40)	151	5755	12.10	12.50	No
		159	5795	11.98	12.50	No
	802.11ac(VHT80)	155	5775	12.11	12.50	No

8.7.108 Power Reduced Level 2 of 5G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	13.71	14.00	No
		44	5220	13.49	14.00	No
		48	5240	13.55	14.00	No
	802.11n(HT20)	36	5180	12.12	12.50	No
		44	5220	12.16	12.50	No
		48	5240	11.97	12.50	No
	802.11n(HT40)	38	5190	12.17	12.50	No
		46	5230	11.98	12.50	No
	802.11ac(VHT20)	36	5180	12.13	12.50	No
		44	5220	12.12	12.50	No
		48	5240	11.94	12.50	No
	802.11ac(VHT40)	38	5190	11.97	12.50	No
		46	5230	12.13	12.50	No
	802.11ac(VHT80)	42	5210	11.98	12.50	No
5.3 (5.25~5.35)	802.11a	52	5260	13.35	14.00	No
		60	5300	13.38	14.00	No
		64	5320	13.48	14.00	No

	802.11n(HT20)	52	5260	12.26	13.00	No
		60	5300	12.15	13.00	No
		64	5320	12.39	13.00	No
	802.11n(HT40)	54	5270	12.35	13.00	No
		62	5310	9.65	12.00	No
	802.11ac(VHT20)	52	5260	12.25	13.00	No
		60	5300	12.29	13.00	No
		64	5320	12.32	13.00	No
	802.11ac(VHT40)	54	5270	12.34	13.00	No
		62	5310	9.65	12.00	No
	802.11ac(VHT80)	58	5290	9.41	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	13.49	14.00	No
		116	5580	13.47	14.00	No
		140	5700	13.48	14.00	No
	802.11n(HT20)	100	5500	11.17	12.00	No
		116	5580	11.10	12.00	No
		140	5700	10.95	12.00	No
	802.11n(HT40)	102	5510	11.04	12.00	No
		118	5590	11.06	12.00	No
		134	5670	11.05	12.00	No
	802.11ac(VHT20)	100	5500	11.15	12.00	No
		116	5580	10.97	12.00	No
		140	5700	11.13	12.00	No
	802.11ac(VHT40)	102	5510	11.13	12.00	No
		118	5590	10.97	12.00	No
		134	5670	11.12	12.00	No
	802.11ac(VHT80)	106	5530	8.96	11.00	No
		122	5690	11.02	12.00	No
5.8 (5.725~5.850)	802.11a	149	5745	12.02	12.50	No
		157	5785	12.02	12.50	No
		165	5825	11.99	12.50	No
	802.11n(HT20)	149	5745	11.96	12.50	No
		157	5785	12.08	12.50	No
		165	5825	12.08	12.50	No
	802.11n(HT40)	151	5755	12.08	12.50	No
		159	5795	12.04	12.50	No
	802.11ac(VHT20)	149	5745	12.09	12.50	No
		157	5785	11.97	12.50	No
		165	5825	12.01	12.50	No
	802.11ac(VHT40)	151	5755	12.10	12.50	No
		159	5795	11.98	12.50	No
	802.11ac(VHT80)	155	5775	12.11	12.50	No

8.7.109 Power Reduced Level 3&4 of 5G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	11.13	11.50	No
		44	5220	11.13	11.50	No
		48	5240	10.96	11.50	No
	802.11n(HT20)	36	5180	9.46	10.00	No
		44	5220	9.27	10.00	No
		48	5240	9.47	10.00	No
	802.11n(HT40)	38	5190	9.41	10.00	No
		46	5230	9.36	10.00	No
	802.11ac(VHT20)	36	5180	9.38	10.00	No
		44	5220	9.29	10.00	No
		48	5240	9.49	10.00	No
	802.11ac(VHT40)	38	5190	9.37	10.00	No
		46	5230	9.33	10.00	No
	802.11ac(VHT80)	42	5210	9.45	10.00	No
5.3 (5.25~5.35)	802.11a	52	5260	10.96	11.50	No
		60	5300	11.01	11.50	No
		64	5320	11.04	11.50	No
	802.11n(HT20)	52	5260	9.85	10.50	No
		60	5300	9.88	10.50	No
		64	5320	9.91	10.50	No
	802.11n(HT40)	54	5270	10.08	10.50	No
		62	5310	10.08	10.50	No
	802.11ac(VHT20)	52	5260	9.86	10.50	No
		60	5300	9.95	10.50	No
		64	5320	10.05	10.50	No
	802.11ac(VHT40)	54	5270	10.07	10.50	No
		62	5310	10.09	10.50	No
	802.11ac(VHT80)	58	5290	10.05	10.50	No
5.6 (5.47~5.725)	802.11a	100	5500	10.98	11.50	No
		116	5580	11.22	11.50	No
		140	5700	11.18	11.50	No
	802.11n(HT20)	100	5500	9.95	11.00	No
		116	5580	10.08	11.00	No
		140	5700	10.04	11.00	No
	802.11n(HT40)	102	5510	9.95	11.00	No
		118	5590	9.94	11.00	No
		134	5670	9.89	11.00	No

	802.11ac(VHT20)	100	5500	9.97	11.00	No
		116	5580	9.91	11.00	No
		140	5700	10.04	11.00	No
	802.11ac(VHT40)	102	5510	10.00	11.00	No
		118	5590	9.94	11.00	No
		134	5670	9.96	11.00	No
	802.11ac(VHT80)	106	5530	8.96	11.00	No
		122	5690	10.00	11.00	No
5.8 (5.725~5.850)	802.11a	149	5745	10.44	11.00	No
		157	5785	10.28	11.00	No
		165	5825	10.50	11.00	No
	802.11n(HT20)	149	5745	10.46	11.00	No
		157	5785	10.46	11.00	No
		165	5825	10.42	11.00	No
	802.11n(HT40)	151	5755	10.36	11.00	No
		159	5795	10.31	11.00	No
	802.11ac(VHT20)	149	5745	10.39	11.00	No
		157	5785	10.27	11.00	No
		165	5825	10.41	11.00	No
	802.11ac(VHT40)	151	5755	10.36	11.00	No
		159	5795	10.41	11.00	No
	802.11ac(VHT80)	155	5775	10.39	11.00	No

8.7.110 Power Reduced Level 6 of 5G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	15.16	17.00	No
		44	5220	17.89	18.50	No
		48	5240	18.01	18.50	No
	802.11n(HT20)	36	5180	16.28	17.00	No
		44	5220	16.29	17.00	No
		48	5240	16.33	17.00	No
	802.11n(HT40)	38	5190	12.82	14.00	No
		46	5230	16.28	17.00	No
	802.11ac(VHT20)	36	5180	16.14	17.00	No
		44	5220	15.97	17.00	No
		48	5240	15.96	17.00	No
	802.11ac(VHT40)	38	5190	12.75	14.00	No
		46	5230	16.34	17.00	No
	802.11ac(VHT80)	42	5210	13.32	14.00	No
5.3	802.11a	52	5260	18.13	18.50	No

(5.25~5.35)		60	5300	18.05	18.50	No
		64	5320	18.07	18.50	No
	802.11n(HT20)	52	5260	15.76	17.00	No
		60	5300	15.85	17.00	No
		64	5320	13.55	15.50	No
	802.11n(HT40)	54	5270	16.39	17.50	No
		62	5310	9.65	12.00	No
	802.11ac(VHT20)	52	5260	15.99	17.00	No
		60	5300	15.93	17.00	No
		64	5320	15.86	17.00	No
	802.11ac(VHT40)	54	5270	16.49	17.00	No
		62	5310	9.65	12.00	No
	802.11ac(VHT80)	58	5290	9.41	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	18.05	18.50	No
		116	5580	17.79	18.50	No
		140	5700	14.68	15.00	No
	802.11n(HT20)	100	5500	15.49	16.50	No
		116	5580	15.31	16.50	No
		140	5700	14.52	15.00	No
	802.11n(HT40)	102	5510	12.00	14.00	No
		118	5590	15.80	16.50	No
		134	5670	16.00	16.50	No
	802.11ac(VHT20)	100	5500	15.45	16.00	No
		116	5580	15.36	16.00	No
		140	5700	15.27	16.00	No
	802.11ac(VHT40)	102	5510	12.22	14.00	No
		118	5590	15.37	16.00	No
		134	5670	15.30	16.00	No
	802.11ac(VHT80)	106	5530	8.96	11.00	No
		122	5690	15.36	16.00	No

8.7.111 Power Reduced Level 7 of 5G WIFI (SISO ANT 0)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	15.16	17.00	No
		44	5220	16.98	17.50	No
		48	5240	17.13	17.50	No
	802.11n(HT20)	36	5180	15.37	16.00	No
		44	5220	15.35	16.00	No
		48	5240	15.29	16.00	No
	802.11n(HT40)	38	5190	12.82	14.00	No

		46	5230	15.36	16.00	No
	802.11ac(VHT20)	36	5180	15.35	16.00	No
		44	5220	15.27	16.00	No
		48	5240	15.39	16.00	No
	802.11ac(VHT40)	38	5190	12.75	14.00	No
		46	5230	15.28	16.00	No
	802.11ac(VHT80)	42	5210	13.32	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	17.05	17.50	No
		60	5300	17.06	17.50	No
		64	5320	16.95	17.50	No
	802.11n(HT20)	52	5260	15.54	16.50	No
		60	5300	15.68	16.50	No
		64	5320	13.55	15.50	No
	802.11n(HT40)	54	5270	15.39	16.50	No
		62	5310	9.65	12.00	No
	802.11ac(VHT20)	52	5260	15.52	16.50	No
		60	5300	15.54	16.50	No
		64	5320	15.57	16.50	No
	802.11ac(VHT40)	54	5270	15.49	16.50	No
		62	5310	9.65	12.00	No
	802.11ac(VHT80)	58	5290	9.41	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	17.02	17.50	No
		116	5580	16.98	17.50	No
		140	5700	14.68	15.00	No
	802.11n(HT20)	100	5500	14.45	15.50	No
		116	5580	14.30	15.50	No
		140	5700	14.52	15.00	No
	802.11n(HT40)	102	5510	12.00	14.00	No
		118	5590	14.92	15.50	No
		134	5670	14.78	15.50	No
	802.11ac(VHT20)	100	5500	14.48	15.50	No
		116	5580	14.41	15.50	No
		140	5700	14.47	15.50	No
	802.11ac(VHT40)	102	5510	12.22	14.00	No
		118	5590	14.31	15.50	No
		134	5670	14.42	15.50	No
	802.11ac(VHT80)	106	5530	8.96	11.00	No
		122	5690	14.45	15.50	No

8.7.112 Power Reduced Level 8 of 5G WIFI (SISO ANT 0)

Band	Mode	Channel	Freq.	Conducted	Tune-up	SAR Test
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(GHz)			(MHz)	Power (dBm)	Limit (dBm)	Require.
5.2 (5.15~5.25)	802.11a	36	5180	15.02	15.50	No
		44	5220	14.83	15.50	No
		48	5240	15.10	15.50	No
	802.11n(HT20)	36	5180	13.50	14.00	No
		44	5220	13.46	14.00	No
		48	5240	13.42	14.00	No
	802.11n(HT40)	38	5190	12.82	14.00	No
		46	5230	13.35	14.00	No
	802.11ac(VHT20)	36	5180	13.48	14.00	No
		44	5220	13.28	14.00	No
		48	5240	13.44	14.00	No
	802.11ac(VHT40)	38	5190	12.75	14.00	No
		46	5230	13.37	14.00	No
	802.11ac(VHT80)	42	5210	13.32	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	17.05	17.50	No
		60	5300	17.06	17.50	No
		64	5320	16.95	17.50	No
	802.11n(HT20)	52	5260	15.54	16.50	No
		60	5300	15.68	16.50	No
		64	5320	13.55	15.50	No
	802.11n(HT40)	54	5270	15.39	16.50	No
		62	5310	9.65	12.00	No
	802.11ac(VHT20)	52	5260	15.52	16.50	No
		60	5300	15.54	16.50	No
		64	5320	15.57	16.50	No
	802.11ac(VHT40)	54	5270	15.49	16.50	No
		62	5310	9.65	12.00	No
	802.11ac(VHT80)	58	5290	9.41	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	17.02	17.50	No
		116	5580	16.98	17.50	No
		140	5700	14.68	15.00	No
	802.11n(HT20)	100	5500	14.45	15.50	No
		116	5580	14.30	15.50	No
		140	5700	14.52	15.00	No
	802.11n(HT40)	102	5510	12.00	14.00	No
		118	5590	14.92	15.50	No
		134	5670	14.78	15.50	No
	802.11ac(VHT20)	100	5500	14.48	15.50	No
		116	5580	14.41	15.50	No
		140	5700	14.47	15.50	No
	802.11ac(VHT40)	102	5510	12.22	14.00	No

	802.11ac(VHT80)	118	5590	14.31	15.50	No
		134	5670	14.42	15.50	No
		106	5530	8.96	11.00	No
		122	5690	14.45	15.50	No
5.8 (5.725~5.850)	802.11a	149	5745	10.84	11.50	No
		157	5785	10.83	11.50	No
		165	5825	10.79	11.50	No
	802.11n(HT20)	149	5745	10.91	11.50	No
		157	5785	10.90	11.50	No
		165	5825	10.93	11.50	No
	802.11n(HT40)	151	5755	10.81	11.50	No
		159	5795	10.97	11.50	No
	802.11ac(VHT20)	149	5745	10.96	11.50	No
		157	5785	10.79	11.50	No
		165	5825	10.91	11.50	No
	802.11ac(VHT40)	151	5755	10.96	11.50	No
		159	5795	10.81	11.50	No
	802.11ac(VHT80)	155	5775	11.02	11.50	No

8.7.113 Power Reduced Level 1 of 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	12.91	13.00	No
		44	5220	12.92	13.00	No
		48	5240	12.98	13.00	No
	802.11n(HT20)	36	5180	11.47	11.50	No
		44	5220	11.35	11.50	No
		48	5240	11.31	11.50	No
	802.11n(HT40)	38	5190	11.47	11.50	No
		46	5230	11.43	11.50	No
	802.11ac(VHT20)	36	5180	11.28	11.50	No
		44	5220	11.28	11.50	No
		48	5240	11.48	11.50	No
	802.11ac(VHT40)	38	5190	11.25	11.50	No
		46	5230	11.49	11.50	No
	802.11ac(VHT80)	42	5210	11.31	11.50	No
5.3 (5.25~5.35)	802.11a	52	5260	12.99	13.00	No
		60	5300	12.96	13.00	No
		64	5320	12.94	13.00	No
	802.11n(HT20)	52	5260	11.74	12.00	No
		60	5300	11.60	12.00	No

		64	5320	11.68	12.00	No
	802.11n(HT40)	54	5270	11.82	12.00	No
		62	5310	11.68	12.00	No
	802.11ac(VHT20)	52	5260	11.75	12.00	No
		60	5300	11.77	12.00	No
		64	5320	11.74	12.00	No
	802.11ac(VHT40)	54	5270	11.76	12.00	No
		62	5310	11.74	12.00	No
	802.11ac(VHT80)	58	5290	11.29	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	12.95	13.00	No
		116	5580	13.00	13.00	No
		140	5700	12.99	13.00	No
	802.11n(HT20)	100	5500	10.89	11.00	No
		116	5580	10.96	11.00	No
		140	5700	10.88	11.00	No
	802.11n(HT40)	102	5510	10.92	11.00	No
		118	5590	10.84	11.00	No
		134	5670	10.86	11.00	No
	802.11ac(VHT20)	100	5500	10.88	11.00	No
		116	5580	10.89	11.00	No
		140	5700	10.93	11.00	No
	802.11ac(VHT40)	102	5510	10.95	11.00	No
		118	5590	10.91	11.00	No
		134	5670	10.87	11.00	No
	802.11ac(VHT80)	106	5530	10.27	11.00	No
		122	5690	10.93	11.00	No
5.8 (5.725~5.850)	802.11a	149	5745	12.43	12.50	No
		157	5785	12.41	12.50	No
		165	5825	12.49	12.50	No
	802.11n(HT20)	149	5745	12.41	12.50	No
		157	5785	12.47	12.50	No
		165	5825	12.45	12.50	No
	802.11n(HT40)	151	5755	12.41	12.50	No
		159	5795	12.44	12.50	No
	802.11ac(VHT20)	149	5745	12.40	12.50	No
		157	5785	12.50	12.50	No
		165	5825	12.43	12.50	No
	802.11ac(VHT40)	151	5755	12.49	12.50	No
		159	5795	12.42	12.50	No
	802.11ac(VHT80)	155	5775	12.50	12.50	No

8.7.114 Power Reduced Level 2 of 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	13.96	14.00	No
		44	5220	13.98	14.00	No
		48	5240	13.94	14.00	No
	802.11n(HT20)	36	5180	12.38	12.50	No
		44	5220	12.41	12.50	No
		48	5240	12.36	12.50	No
	802.11n(HT40)	38	5190	12.53	12.50	No
		46	5230	12.50	12.50	No
	802.11ac(VHT20)	36	5180	12.33	12.50	No
		44	5220	12.43	12.50	No
		48	5240	12.44	12.50	No
	802.11ac(VHT40)	38	5190	12.47	12.50	No
		46	5230	12.30	12.50	No
	802.11ac(VHT80)	42	5210	12.44	12.50	No
5.3 (5.25~5.35)	802.11a	52	5260	13.99	14.00	No
		60	5300	13.96	14.00	No
		64	5320	13.95	14.00	No
	802.11n(HT20)	52	5260	12.63	13.00	No
		60	5300	12.66	13.00	No
		64	5320	12.69	13.00	No
	802.11n(HT40)	54	5270	12.83	13.00	No
		62	5310	11.68	12.00	No
	802.11ac(VHT20)	52	5260	12.68	13.00	No
		60	5300	12.66	13.00	No
		64	5320	12.63	13.00	No
	802.11ac(VHT40)	54	5270	12.67	13.00	No
		62	5310	11.74	12.00	No
	802.11ac(VHT80)	58	5290	11.29	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	13.99	14.00	No
		116	5580	13.92	14.00	No
		140	5700	13.94	14.00	No
	802.11n(HT20)	100	5500	11.67	12.00	No
		116	5580	11.49	12.00	No
		140	5700	11.66	12.00	No
	802.11n(HT40)	102	5510	11.60	12.00	No
		118	5590	11.56	12.00	No
		134	5670	11.58	12.00	No
	802.11ac(VHT20)	100	5500	11.47	12.00	No
		116	5580	11.68	12.00	No

	802.11ac(VHT40)	140	5700	11.61	12.00	No
		102	5510	11.47	12.00	No
		118	5590	11.50	12.00	No
		134	5670	11.54	12.00	No
	802.11ac(VHT80)	106	5530	10.27	11.00	No
		122	5690	11.54	12.00	No
5.8 (5.725~5.850)	802.11a	149	5745	12.43	12.50	No
		157	5785	12.41	12.50	No
		165	5825	12.49	12.50	No
	802.11n(HT20)	149	5745	12.41	12.50	No
		157	5785	12.47	12.50	No
		165	5825	12.45	12.50	No
	802.11n(HT40)	151	5755	12.41	12.50	No
		159	5795	12.44	12.50	No
	802.11ac(VHT20)	149	5745	12.40	12.50	No
		157	5785	12.50	12.50	No
		165	5825	12.43	12.50	No
	802.11ac(VHT40)	151	5755	12.49	12.50	No
		159	5795	12.42	12.50	No
	802.11ac(VHT80)	155	5775	12.50	12.50	No

8.7.115 Power Reduced Level 3&4 of 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	11.43	11.50	No
		44	5220	11.50	11.50	No
		48	5240	11.46	11.50	No
	802.11n(HT20)	36	5180	9.95	10.00	No
		44	5220	9.99	10.00	No
		48	5240	9.96	10.00	No
	802.11n(HT40)	38	5190	9.96	10.00	No
		46	5230	9.99	10.00	No
	802.11ac(VHT20)	36	5180	9.99	10.00	No
		44	5220	9.82	10.00	No
		48	5240	9.98	10.00	No
	802.11ac(VHT40)	38	5190	9.98	10.00	No
		46	5230	9.84	10.00	No
	802.11ac(VHT80)	42	5210	9.80	10.00	No
5.3 (5.25~5.35)	802.11a	52	5260	11.48	11.50	No
		60	5300	11.46	11.50	No
		64	5320	11.48	11.50	No

	802.11n(HT20)	52	5260	10.18	10.50	No
		60	5300	10.35	10.50	No
		64	5320	10.29	10.50	No
	802.11n(HT40)	54	5270	10.24	10.50	No
		62	5310	10.25	10.50	No
	802.11ac(VHT20)	52	5260	10.19	10.50	No
		60	5300	10.16	10.50	No
		64	5320	10.20	10.50	No
	802.11ac(VHT40)	54	5270	10.17	10.50	No
		62	5310	10.16	10.50	No
	802.11ac(VHT80)	58	5290	10.36	10.50	No
5.6 (5.47~5.725)	802.11a	100	5500	11.42	11.50	No
		116	5580	11.48	11.50	No
		140	5700	11.43	11.50	No
	802.11n(HT20)	100	5500	10.42	11.00	No
		116	5580	10.47	11.00	No
		140	5700	10.29	11.00	No
	802.11n(HT40)	102	5510	10.49	11.00	No
		118	5590	10.41	11.00	No
		134	5670	10.45	11.00	No
	802.11ac(VHT20)	100	5500	10.26	11.00	No
		116	5580	10.38	11.00	No
		140	5700	10.26	11.00	No
	802.11ac(VHT40)	102	5510	10.32	11.00	No
		118	5590	10.29	11.00	No
		134	5670	10.39	11.00	No
	802.11ac(VHT80)	106	5530	10.27	11.00	No
		122	5690	10.37	11.00	No
5.8 (5.725~5.850)	802.11a	149	5745	10.90	11.00	No
		157	5785	10.93	11.00	No
		165	5825	10.96	11.00	No
	802.11n(HT20)	149	5745	10.89	11.00	No
		157	5785	10.95	11.00	No
		165	5825	10.93	11.00	No
	802.11n(HT40)	151	5755	10.99	11.00	No
		159	5795	10.90	11.00	No
	802.11ac(VHT20)	149	5745	10.98	11.00	No
		157	5785	10.86	11.00	No
		165	5825	10.89	11.00	No
	802.11ac(VHT40)	151	5755	11.00	11.00	No
		159	5795	10.96	11.00	No
	802.11ac(VHT80)	155	5775	10.93	11.00	No

8.7.116 Power Reduced Level 6 of 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	16.08	17.00	No
		44	5220	18.49	18.50	No
		48	5240	18.47	18.50	No
	802.11n(HT20)	36	5180	16.82	17.00	No
		44	5220	16.98	17.00	No
		48	5240	16.81	17.00	No
	802.11n(HT40)	38	5190	13.81	14.00	No
		46	5230	16.94	17.00	No
	802.11ac(VHT20)	36	5180	16.72	17.00	No
		44	5220	16.69	17.00	No
		48	5240	16.73	17.00	No
	802.11ac(VHT40)	38	5190	13.83	14.00	No
		46	5230	16.98	17.00	No
	802.11ac(VHT80)	42	5210	13.98	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	18.48	18.50	No
		60	5300	18.44	18.50	No
		64	5320	18.49	18.50	No
	802.11n(HT20)	52	5260	16.48	17.00	No
		60	5300	16.46	17.00	No
		64	5320	15.41	15.50	No
	802.11n(HT40)	54	5270	17.19	17.50	No
		62	5310	11.68	12.00	No
	802.11ac(VHT20)	52	5260	16.51	17.00	No
		60	5300	16.67	17.00	No
		64	5320	16.62	17.00	No
	802.11ac(VHT40)	54	5270	16.94	17.00	No
		62	5310	11.74	12.00	No
	802.11ac(VHT80)	58	5290	11.29	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	18.46	18.50	No
		116	5580	18.45	18.50	No
		140	5700	13.94	15.00	No
	802.11n(HT20)	100	5500	15.98	16.50	No
		116	5580	16.14	16.50	No
		140	5700	13.84	15.00	No
	802.11n(HT40)	102	5510	13.98	14.00	No
		118	5590	16.47	16.50	No
		134	5670	16.42	16.50	No
	802.11ac(VHT20)	100	5500	15.91	16.00	No

		116	5580	15.93	16.00	No
		140	5700	15.88	16.00	No
	802.11ac(VHT40)	102	5510	13.85	14.00	No
		118	5590	15.92	16.00	No
		134	5670	15.95	16.00	No
	802.11ac(VHT80)	106	5530	10.27	11.00	No
		122	5690	16.00	16.00	No

8.7.117 Power Reduced Level 7 of 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	16.08	17.00	No
		44	5220	17.48	17.50	No
		48	5240	17.44	17.50	No
	802.11n(HT20)	36	5180	15.85	16.00	No
		44	5220	15.99	16.00	No
		48	5240	15.82	16.00	No
	802.11n(HT40)	38	5190	13.81	14.00	No
		46	5230	16.00	16.00	No
	802.11ac(VHT20)	36	5180	15.99	16.00	No
		44	5220	15.97	16.00	No
		48	5240	15.98	16.00	No
	802.11ac(VHT40)	38	5190	13.83	14.00	No
		46	5230	16.00	16.00	No
	802.11ac(VHT80)	42	5210	13.98	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	17.49	17.50	No
		60	5300	17.46	17.50	No
		64	5320	17.43	17.50	No
	802.11n(HT20)	52	5260	16.31	16.50	No
		60	5300	16.33	16.50	No
		64	5320	15.41	15.50	No
	802.11n(HT40)	54	5270	16.14	16.50	No
		62	5310	11.68	12.00	No
	802.11ac(VHT20)	52	5260	16.22	16.50	No
		60	5300	16.23	16.50	No
		64	5320	16.23	16.50	No
	802.11ac(VHT40)	54	5270	16.04	16.50	No
		62	5310	11.74	12.00	No
	802.11ac(VHT80)	58	5290	11.29	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	17.48	17.50	No
		116	5580	17.48	17.50	No
		140	5700	13.94	15.00	No
	802.11n(HT20)	100	5500	15.18	15.50	No
		116	5580	14.97	15.50	No
		140	5700	13.84	15.00	No
	802.11n(HT40)	102	5510	13.98	14.00	No
		118	5590	15.46	15.50	No
		134	5670	15.42	15.50	No
	802.11ac(VHT20)	100	5500	15.17	15.50	No
		116	5580	15.16	15.50	No

	802.11ac(VHT40)	140	5700	15.04	15.50	No
		102	5510	13.85	14.00	No
		118	5590	15.11	15.50	No
	802.11ac(VHT80)	134	5670	15.18	15.50	No
		106	5530	10.27	11.00	No
		122	5690	15.16	15.50	No

8.7.118 Power Reduced Level 8 of 5G WIFI (SISO ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	15.46	15.50	No
		44	5220	15.49	15.50	No
		48	5240	15.43	15.50	No
	802.11n(HT20)	36	5180	13.91	14.00	No
		44	5220	13.93	14.00	No
		48	5240	13.97	14.00	No
	802.11n(HT40)	38	5190	13.81	14.00	No
		46	5230	13.96	14.00	No
	802.11ac(VHT20)	36	5180	13.96	14.00	No
		44	5220	13.89	14.00	No
		48	5240	13.97	14.00	No
	802.11ac(VHT40)	38	5190	13.83	14.00	No
		46	5230	13.94	14.00	No
	802.11ac(VHT80)	42	5210	13.98	14.00	No
5.3 (5.25~5.35)	802.11a	52	5260	17.49	17.50	No
		60	5300	17.46	17.50	No
		64	5320	17.43	17.50	No
	802.11n(HT20)	52	5260	16.31	16.50	No
		60	5300	16.33	16.50	No
		64	5320	15.41	15.50	No
	802.11n(HT40)	54	5270	16.14	16.50	No
		62	5310	11.68	12.00	No
	802.11ac(VHT20)	52	5260	16.22	16.50	No
		60	5300	16.23	16.50	No
		64	5320	16.23	16.50	No
	802.11ac(VHT40)	54	5270	16.04	16.50	No
		62	5310	11.74	12.00	No
	802.11ac(VHT80)	58	5290	11.29	12.00	No
5.6 (5.47~5.725)	802.11a	100	5500	17.48	17.50	No
		116	5580	17.48	17.50	No
		140	5700	13.94	15.00	No

	802.11n(HT20)	100	5500	15.18	15.50	No
		116	5580	14.97	15.50	No
		140	5700	13.84	15.00	No
	802.11n(HT40)	102	5510	13.98	14.00	No
		118	5590	15.46	15.50	No
		134	5670	15.42	15.50	No
	802.11ac(VHT20)	100	5500	15.17	15.50	No
		116	5580	15.16	15.50	No
		140	5700	15.04	15.50	No
	802.11ac(VHT40)	102	5510	13.85	14.00	No
		118	5590	15.11	15.50	No
		134	5670	15.18	15.50	No
	802.11ac(VHT80)	106	5530	10.27	11.00	No
		122	5690	15.16	15.50	No
5.8 (5.725~5.850)	802.11a	149	5745	11.45	11.50	No
		157	5785	11.49	11.50	No
		165	5825	11.38	11.50	No
	802.11n(HT20)	149	5745	11.45	11.50	No
		157	5785	11.46	11.50	No
		165	5825	11.46	11.50	No
	802.11n(HT40)	151	5755	11.50	11.50	No
		159	5795	11.41	11.50	No
	802.11ac(VHT20)	149	5745	11.39	11.50	No
		157	5785	11.46	11.50	No
		165	5825	11.46	11.50	No
	802.11ac(VHT40)	151	5755	11.45	11.50	No
		159	5795	11.42	11.50	No
	802.11ac(VHT80)	155	5775	11.41	11.50	No

8.7.119 Power Reduced Level 1 of 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	15.79	16.00	Yes
		44	5220	15.78	16.00	Yes
		48	5240	15.70	16.00	Yes
	802.11n(HT20)	36	5180	14.05	14.50	No
		44	5220	13.99	14.50	No
		48	5240	13.95	14.50	No
	802.11n(HT40)	38	5190	14.08	14.50	No
		46	5230	14.03	14.50	No
	802.11ac(VHT20)	36	5180	13.98	14.50	No

		44	5220	13.98	14.50	No
		48	5240	14.03	14.50	No
	802.11ac(VHT40)	38	5190	13.88	14.50	No
		46	5230	14.06	14.50	No
	802.11ac(VHT80)	42	5210	13.93	14.50	No
5.3 (5.25~5.35)	802.11a	52	5260	15.79	16.00	Yes
		60	5300	15.82	16.00	Yes
		64	5320	15.81	16.00	Yes
	802.11n(HT20)	52	5260	14.41	15.00	No
		60	5300	14.35	15.00	No
		64	5320	14.45	15.00	No
	802.11n(HT40)	54	5270	14.49	15.00	No
		62	5310	13.79	15.00	No
	802.11ac(VHT20)	52	5260	14.46	15.00	No
		60	5300	14.44	15.00	No
		64	5320	14.44	15.00	No
	802.11ac(VHT40)	54	5270	14.43	15.00	No
		62	5310	13.83	15.00	No
	802.11ac(VHT80)	58	5290	13.46	15.00	No
5.6 (5.47~5.725)	802.11a	100	5500	15.68	16.00	Yes
		116	5580	15.70	16.00	Yes
		140	5700	15.68	16.00	Yes
	802.11n(HT20)	100	5500	13.64	14.00	No
		116	5580	13.72	14.00	No
		140	5700	13.65	14.00	No
	802.11n(HT40)	102	5510	13.69	14.00	No
		118	5590	13.62	14.00	No
		134	5670	13.67	14.00	No
	802.11ac(VHT20)	100	5500	13.73	14.00	No
		116	5580	13.75	14.00	No
		140	5700	13.67	14.00	No
	802.11ac(VHT40)	102	5510	13.78	14.00	No
		118	5590	13.76	14.00	No
		134	5670	13.66	14.00	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No
		122	5690	13.79	14.00	No
5.8 (5.725~5.850)	802.11a	149	5745	15.24	15.50	No
		157	5785	15.23	15.50	No
		165	5825	15.26	15.50	No
	802.11n(HT20)	149	5745	15.20	15.50	No
		157	5785	15.29	15.50	No
		165	5825	15.28	15.50	No

	802.11n(HT40)	151	5755	15.26	15.50	No
		159	5795	15.25	15.50	No
	802.11ac(VHT20)	149	5745	15.26	15.50	No
		157	5785	15.25	15.50	No
		165	5825	15.24	15.50	No
	802.11ac(VHT40)	151	5755	15.31	15.50	No
		159	5795	15.22	15.50	No
	802.11ac(VHT80)	155	5775	15.32	15.50	Yes

8.7.120 Power Reduced Level 2 of 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	16.85	17.00	Yes
		44	5220	16.75	17.00	Yes
		48	5240	16.76	17.00	Yes
	802.11n(HT20)	36	5180	15.26	15.50	No
		44	5220	15.30	15.50	No
		48	5240	15.18	15.50	No
	802.11n(HT40)	38	5190	15.36	15.50	No
		46	5230	15.26	15.50	No
	802.11ac(VHT20)	36	5180	15.24	15.50	No
		44	5220	15.29	15.50	No
		48	5240	15.21	15.50	No
	802.11ac(VHT40)	38	5190	15.24	15.50	No
		46	5230	15.23	15.50	No
	802.11ac(VHT80)	42	5210	15.23	15.50	No
5.3 (5.25~5.35)	802.11a	52	5260	16.69	17.00	Yes
		60	5300	16.69	17.00	Yes
		64	5320	16.73	17.00	Yes
	802.11n(HT20)	52	5260	15.46	16.00	No
		60	5300	15.42	16.00	No
		64	5320	15.55	16.00	No
	802.11n(HT40)	54	5270	15.61	16.00	No
		62	5310	13.79	15.00	No
	802.11ac(VHT20)	52	5260	15.48	16.00	No
		60	5300	15.49	16.00	No
		64	5320	15.49	16.00	No
	802.11ac(VHT40)	54	5270	15.52	16.00	No
		62	5310	13.83	15.00	No
	802.11ac(VHT80)	58	5290	13.46	15.00	No
5.6	802.11a	100	5500	16.76	17.00	Yes

(5.47~5.725)		116	5580	16.71	17.00	Yes
		140	5700	16.73	17.00	Yes
		100	5500	14.44	15.00	No
	802.11n(HT20)	116	5580	14.31	15.00	No
		140	5700	14.33	15.00	No
		102	5510	14.34	15.00	No
	802.11n(HT40)	118	5590	14.33	15.00	No
		134	5670	14.33	15.00	No
		100	5500	14.32	15.00	No
	802.11ac(VHT20)	116	5580	14.35	15.00	No
		140	5700	14.39	15.00	No
		102	5510	14.31	15.00	No
	802.11ac(VHT40)	118	5590	14.25	15.00	No
		134	5670	14.35	15.00	No
		106	5530	12.67	14.00	No
	802.11ac(VHT80)	122	5690	14.30	15.00	No
5.8 (5.725~5.850)	802.11a	149	5745	15.24	15.50	No
		157	5785	15.23	15.50	No
		165	5825	15.26	15.50	No
	802.11n(HT20)	149	5745	15.20	15.50	No
		157	5785	15.29	15.50	No
		165	5825	15.28	15.50	No
	802.11n(HT40)	151	5755	15.26	15.50	No
		159	5795	15.25	15.50	No
	802.11ac(VHT20)	149	5745	15.26	15.50	No
		157	5785	15.25	15.50	No
		165	5825	15.24	15.50	No
	802.11ac(VHT40)	151	5755	15.31	15.50	No
		159	5795	15.22	15.50	No
	802.11ac(VHT80)	155	5775	15.32	15.50	Yes

8.7.121 Power Reduced Level 3&4 of 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	14.29	14.50	Yes
		44	5220	14.33	14.50	Yes
		48	5240	14.23	14.50	Yes
	802.11n(HT20)	36	5180	12.72	13.00	No
		44	5220	12.66	13.00	No
		48	5240	12.73	13.00	No
	802.11n(HT40)	38	5190	12.70	13.00	No

		46	5230	12.70	13.00	No
	802.11ac(VHT20)	36	5180	12.71	13.00	No
		44	5220	12.57	13.00	No
		48	5240	12.75	13.00	No
	802.11ac(VHT40)	38	5190	12.70	13.00	No
		46	5230	12.60	13.00	No
	802.11ac(VHT80)	42	5210	12.64	13.00	No
5.3 (5.25~5.35)	802.11a	52	5260	14.24	14.50	Yes
		60	5300	14.25	14.50	Yes
		64	5320	14.28	14.50	Yes
	802.11n(HT20)	52	5260	13.03	13.50	No
		60	5300	13.13	13.50	No
		64	5320	13.11	13.50	No
	802.11n(HT40)	54	5270	13.17	13.50	No
		62	5310	13.18	13.50	No
	802.11ac(VHT20)	52	5260	13.04	13.50	No
		60	5300	13.07	13.50	No
		64	5320	13.14	13.50	No
	802.11ac(VHT40)	54	5270	13.13	13.50	No
		62	5310	13.14	13.50	No
	802.11ac(VHT80)	58	5290	13.22	13.50	No
5.6 (5.47~5.725)	802.11a	100	5500	14.22	14.50	Yes
		116	5580	14.36	14.50	Yes
		140	5700	14.32	14.50	Yes
	802.11n(HT20)	100	5500	13.20	14.00	No
		116	5580	13.29	14.00	No
		140	5700	13.18	14.00	No
	802.11n(HT40)	102	5510	13.24	14.00	No
		118	5590	13.19	14.00	No
		134	5670	13.19	14.00	No
	802.11ac(VHT20)	100	5500	13.13	14.00	No
		116	5580	13.16	14.00	No
		140	5700	13.16	14.00	No
	802.11ac(VHT40)	102	5510	13.17	14.00	No
		118	5590	13.13	14.00	No
		134	5670	13.19	14.00	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No
		122	5690	13.20	14.00	No
5.8 (5.725~5.850)	802.11a	149	5745	13.69	14.00	No
		157	5785	13.63	14.00	No
		165	5825	13.75	14.00	No
	802.11n(HT20)	149	5745	13.69	14.00	No

		157	5785	13.72	14.00	No
		165	5825	13.69	14.00	No
	802.11n(HT40)	151	5755	13.70	14.00	No
		159	5795	13.63	14.00	No
	802.11ac(VHT20)	149	5745	13.71	14.00	No
		157	5785	13.59	14.00	No
		165	5825	13.67	14.00	No
	802.11ac(VHT40)	151	5755	13.70	14.00	No
		159	5795	13.70	14.00	No
	802.11ac(VHT80)	155	5775	13.68	14.00	Yes

8.7.122 Power Reduced Level 6 of 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	18.65	20.00	Yes
		44	5220	21.21	21.50	Yes
		48	5240	21.26	21.50	Yes
	802.11n(HT20)	36	5180	19.57	20.00	No
		44	5220	19.66	20.00	No
		48	5240	19.59	20.00	No
	802.11n(HT40)	38	5190	16.35	17.00	No
		46	5230	19.63	20.00	No
	802.11ac(VHT20)	36	5180	19.45	20.00	No
		44	5220	19.36	20.00	No
		48	5240	19.37	20.00	No
	802.11ac(VHT40)	38	5190	16.33	17.00	No
		46	5230	19.68	20.00	No
	802.11ac(VHT80)	42	5210	16.67	17.00	No
5.3 (5.25~5.35)	802.11a	52	5260	21.32	21.50	Yes
		60	5300	21.26	21.50	Yes
		64	5320	21.30	21.50	Yes
	802.11n(HT20)	52	5260	19.15	20.00	No
		60	5300	19.18	20.00	No
		64	5320	17.59	18.50	No
	802.11n(HT40)	54	5270	19.82	20.50	No
		62	5310	13.79	15.00	No
	802.11ac(VHT20)	52	5260	19.27	20.00	No
		60	5300	19.33	20.00	No
		64	5320	19.27	20.00	No
	802.11ac(VHT40)	54	5270	19.73	20.00	No
		62	5310	13.83	15.00	No

	802.11ac(VHT80)	58	5290	13.46	15.00	No
5.6 (5.47~5.725)	802.11a	100	5500	21.27	21.50	Yes
		116	5580	21.14	21.50	Yes
		140	5700	17.34	18.00	Yes
	802.11n(HT20)	100	5500	18.75	19.50	No
		116	5580	18.76	19.50	No
		140	5700	17.20	18.00	No
	802.11n(HT40)	102	5510	16.11	17.00	No
		118	5590	19.16	19.50	No
		134	5670	19.23	19.50	No
	802.11ac(VHT20)	100	5500	18.70	19.00	No
		116	5580	18.66	19.00	No
		140	5700	18.60	19.00	No
	802.11ac(VHT40)	102	5510	16.12	17.00	No
		118	5590	18.66	19.00	No
		134	5670	18.65	19.00	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No
		122	5690	18.70	19.00	No

8.7.123 Power Reduced Level 7 of 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	18.65	20.00	Yes
		44	5220	20.25	20.50	Yes
		48	5240	20.30	20.50	Yes
	802.11n(HT20)	36	5180	18.63	19.00	No
		44	5220	18.69	19.00	No
		48	5240	18.57	19.00	No
	802.11n(HT40)	38	5190	16.35	17.00	No
		46	5230	18.70	19.00	No
	802.11ac(VHT20)	36	5180	18.69	19.00	No
		44	5220	18.64	19.00	No
		48	5240	18.71	19.00	No
	802.11ac(VHT40)	38	5190	16.33	17.00	No
		46	5230	18.67	19.00	No
	802.11ac(VHT80)	42	5210	16.67	17.00	No
5.3 (5.25~5.35)	802.11a	52	5260	20.29	20.50	Yes
		60	5300	20.27	20.50	Yes
		64	5320	20.21	20.50	Yes
	802.11n(HT20)	52	5260	18.95	19.50	No
		60	5300	19.03	19.50	No

	802.11n(HT40)	64	5320	17.59	18.50	No
		54	5270	18.79	19.50	No
		62	5310	13.79	15.00	No
	802.11ac(VHT20)	52	5260	18.89	19.50	No
		60	5300	18.91	19.50	No
		64	5320	18.92	19.50	No
	802.11ac(VHT40)	54	5270	18.78	19.50	No
		62	5310	13.83	15.00	No
	802.11ac(VHT80)	58	5290	13.46	15.00	No
5.6 (5.47~5.725)	802.11a	100	5500	20.27	20.50	Yes
		116	5580	20.25	20.50	Yes
		140	5700	17.34	18.00	Yes
	802.11n(HT20)	100	5500	17.84	18.50	No
		116	5580	17.66	18.50	No
		140	5700	17.20	18.00	No
	802.11n(HT40)	102	5510	16.11	17.00	No
		118	5590	18.21	18.50	No
		134	5670	18.12	18.50	No
	802.11ac(VHT20)	100	5500	17.85	18.50	No
		116	5580	17.81	18.50	No
		140	5700	17.77	18.50	No
	802.11ac(VHT40)	102	5510	16.12	17.00	No
		118	5590	17.74	18.50	No
		134	5670	17.83	18.50	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No
		122	5690	17.83	18.50	No

8.7.124 Power Reduced Level 8 of 5G WIFI (MIMO ANT 0 + ANT 1)

Band (GHz)	Mode	Channel	Freq. (MHz)	Conducted Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	18.26	18.50	Yes
		44	5220	18.18	18.50	Yes
		48	5240	18.28	18.50	Yes
	802.11n(HT20)	36	5180	16.72	17.00	No
		44	5220	16.71	17.00	No
		48	5240	16.71	17.00	No
	802.11n(HT40)	38	5190	16.35	17.00	No
		46	5230	16.68	17.00	No
	802.11ac(VHT20)	36	5180	16.74	17.00	No
		44	5220	16.61	17.00	No
		48	5240	16.72	17.00	No

	802.11ac(VHT40)	38	5190	16.33	17.00	No
		46	5230	16.67	17.00	No
	802.11ac(VHT80)	42	5210	16.67	17.00	No
5.3 (5.25~5.35)	802.11a	52	5260	20.29	20.50	Yes
		60	5300	20.27	20.50	Yes
		64	5320	20.21	20.50	Yes
	802.11n(HT20)	52	5260	18.95	19.50	No
		60	5300	19.03	19.50	No
		64	5320	17.59	18.50	No
	802.11n(HT40)	54	5270	18.79	19.50	No
		62	5310	13.79	15.00	No
	802.11ac(VHT20)	52	5260	18.89	19.50	No
		60	5300	18.91	19.50	No
		64	5320	18.92	19.50	No
	802.11ac(VHT40)	54	5270	18.78	19.50	No
		62	5310	13.83	15.00	No
	802.11ac(VHT80)	58	5290	13.46	15.00	No
5.6 (5.47~5.725)	802.11a	100	5500	20.27	20.50	Yes
		116	5580	20.25	20.50	Yes
		140	5700	17.34	18.00	Yes
	802.11n(HT20)	100	5500	17.84	18.50	No
		116	5580	17.66	18.50	No
		140	5700	17.20	18.00	No
	802.11n(HT40)	102	5510	16.11	17.00	No
		118	5590	18.21	18.50	No
		134	5670	18.12	18.50	No
	802.11ac(VHT20)	100	5500	17.85	18.50	No
		116	5580	17.81	18.50	No
		140	5700	17.77	18.50	No
	802.11ac(VHT40)	102	5510	16.12	17.00	No
		118	5590	17.74	18.50	No
		134	5670	17.83	18.50	No
	802.11ac(VHT80)	106	5530	12.67	14.00	No
		122	5690	17.83	18.50	No
5.8 (5.725~5.850)	802.11a	149	5745	14.17	14.50	No
		157	5785	14.18	14.50	No
		165	5825	14.11	14.50	No
	802.11n(HT20)	149	5745	14.20	14.50	No
		157	5785	14.20	14.50	No
		165	5825	14.21	14.50	No
	802.11n(HT40)	151	5755	14.18	14.50	No
		159	5795	14.21	14.50	No

	802.11ac(VHT20)	149	5745	14.19	14.50	No
		157	5785	14.15	14.50	No
		165	5825	14.20	14.50	No
	802.11ac(VHT40)	151	5755	14.22	14.50	No
		159	5795	14.14	14.50	No
	802.11ac(VHT80)	155	5775	14.23	14.50	Yes

8.8 LTE Downlink Carrier Aggregation Setup Configurations

LTE Carrier Aggregation (CA) was defined in 3GPP release 10 and higher. The LTE device in CA mode has one Primary Component Carrier (PCC) and one or more Secondary Component Carriers (SCC). PCC acts as the anchor carrier and can optionally cross-schedule data transmission on SCC. The RRC connection is only handled by one cell, the PCC for downlink and uplink communications. After making a data connection to the PCC, the LTE device adds the SCC on the downlink only. All uplink communications and acknowledgements remain identical to release 8 specifications on the PCC. The combinations of downlink carrier aggregation supported by this device are listed in below.

- 1, This device supports carrier aggregation on uplink and downlink for inter and intra band. For the device supports combination bands and configurations are according to 3GPP and the combinations list as below table.
- 2, All permutations exist. No restrictions on Pcell & Scell combinations. Only LTE Band 29 and band 46 is limited to Scell.
- 3, The gray color table is covered by other combinations and no need to verify power.

8.8.1 Downlink Bandwidth Combination Sets for Inter-Band CA

E-UTRA CA Configuration	
DL Intra-Band Contiguous CA	DL Intra-Band Non-Contiguous CA
CA_7C	CA_7A-7A
CA_38C	CA_41A-41A
CA_41C	CA_66A-66A

1.1.1 Downlink Bandwidth Combination Sets for Inter-Band CA

E-UTRA CA Configuration				
DL Inter-Band (2Bands, 2CC)	DL Inter-Band (2Bands, 3CC)	DL Inter-Band (3Bands, 3CC)	DL Inter-Band (3Bands, 4CC)	DL Inter-Band (4Bands, 4CC)
CA_7C	CA_7A-7A	/	/	/
CA_38C	CA_41A-41A	/	/	/
CA_41C	CA_66A-66A	/	/	/

8.9 Power Confirmation for SAR test Exclusion for LTE Downlink CA

According to KDB 941225 D05A, the uplink maximum output power below was measured with downlink CA active on the channel with highest measured maximum output power when downlink CA is inactive. The downlink SCC channel was paired with the uplink channel as normal operation. For intra-band contiguous CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing per section 5.4.1A of 3GPP TS36.521. For intra-band non-contiguous CA, the downlink channel spacing between the component carriers was set to maximum separation from PCC and remain fully within the downlink transmission band. For Inter-band CA, the SCC downlink channel was set to near the middle of its transmission band.

8.9.1 Power Reduction Full power for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	23.65	23.32
7B	7	15M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	23.56	23.24
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	22.21	22.06
41C Class2	41	20M	40690	2600	1	0	40690	2600	41	20M	40492	2580.2	25.48	25.17
41C Class3	41	20M	40690	2600	1	0	40690	2600	41	20M	40492	2580.2	24.72	25.56

8.9.2 Power Reduction Full power for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20300	1745	1	0	2300	2145	4	5M	1957	2110.7	23.15	23.08
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	3425	2687.5	23.65	23.27

8.9.3 Power Reduction Full power for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18900	1880	1	0	900	1960	5	10M	2525	881.5	22.95	22.51
4A-5A	4	20M	20300	1745	1	0	2300	2145	5	10M	2525	881.5	23.15	22.96
4A-7A	4	20M	20300	1745	1	0	2300	2145	7	20M	3100	2655	23.15	23.02
5A-7A	5	10M	20600	844.0	1	0	2600	889	7	20M	3100	2655	22.73	22.54
5A-38A	5	10M	20600	844.0	1	0	2600	889	38	20M	38000	2595	22.73	22.49

8.9.4 Power Reduction Full power for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20300	1745	1	0	2300	2145	7	20M	3100	2655	7	20M	2902	2635.2	23.15	22.67
5A-7C	5	10M	20600	844.0	1	0	2600	889.0	7	20M	3100	2655	7	20M	2902	2635.2	22.73	22.35

8.9.5 Power Reduction Level 1-ANT 2 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	14.51	14.35
7B	7	15M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	14.46	14.37
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	15.02	14.74
41C Class2	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	17.39	17.15
41C Class3	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	16.67	16.48

8.9.6 Power Reduction Level 1-ANT 2 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20175	1732.5	1	49	2175	2132.5	4	5M	1957	2110.7	14.80	14.62
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	3425	2687.5	14.51	14.27

8.9.7 Power Reduction Level 1-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	14.06	13.88
4A-5A	4	20M	20175	1732.5	1	49	2175	2132.5	5	10M	2525	881.5	14.80	14.57
4A-7A	4	20M	20175	1732.5	1	49	2175	2132.5	7	20M	3100	2655	14.80	14.66

8.9.8 Power Reduction Level 1-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20175	1732.5	1	49	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	14.80	14.39

8.9.9 Power Reduction Level 2-ANT 2 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	11.50	11.34
7B	7	15M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	11.50	11.26
38C	38	20M	38000	2610	1	0	38000	2595	38	20M	37802	2575.2	13.07	12.88
41C Class2	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	15.88	15.62
41C Class3	41	20M	41140	2645	1	49	41140	2645	41	20M	40942	2625.2	15.36	15.11

8.9.10 Power Reduction Level 2-ANT 2 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20175	1732.5	1	49	2175	2132.5	4	5M	1957	2110.7	13.00	12.84
7A-7A	7	20M	21100	2535	1	99	3100	2655	7	5M	2775	2622.5	11.50	11.26

8.9.11 Power Reduction Level 2-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	13.55	13.28
4A-5A	4	20M	20175	1732.5	1	49	2175	2132.5	5	10M	2525	881.5	13.00	12.76
4A-7A	4	20M	20175	1732.5	1	49	2175	2132.5	7	20M	3100	2655	13.00	12.80

8.9.12 Power Reduction Level 2-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20175	1732.5	1	49	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	13.00	12.62

8.9.13 Power Reduction Level 3&4-ANT 2 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	13.50	13.35
7B	7	15M	21375	2535	1	49	3375	2682.5	7	20M	3177	2622.7	13.46	13.32
38C	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	13.77	13.69
41C Class2	41	20M	41140	2645	1	49	41140	2645	41	20M	40942	2625.2	16.28	16.05
41C Class3	41	20M	41140	2645	1	99	41140	2645	41	20M	40942	2625.2	15.80	15.64

8.9.14 Power Reduction Level 3&4-ANT 2 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20175	1732.5	1	99	2175	2132.5	4	5M	1957	2110.7	13.70	13.57
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	2775	2622.5	13.50	13.24

8.9.15 Power Reduction Level 3&4-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	13.55	13.28
4A-5A	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	13.70	13.52
4A-7A	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	13.70	13.59

8.9.16 Power Reduction Level 3&4-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	13.70	13.41

8.9.17 Power Reduction Level 1-ANT 0 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	17.74	17.65
7B	7	15M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	17.77	17.59
38C	38	20M	37850	2580	1	49	37850	2580	38	20M	38048	2599.8	19.63	19.51
41C Class2	41	20M	40690	2600	1	0	40690	2600	41	20M	40492	2580.2	21.19	21.02
41C Class3	41	20M	40690	2600	1	0	40690	2600	41	20M	40492	2580.2	20.46	20.32

8.9.18 Power Reduction Level 1-ANT 0 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	99	3100	2655	7	5M	2775	2622.5	17.74	17.53

8.9.19 Power Reduction Level 1-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20600	844.0	1	0	2600	889	7	20M	3100	2655	22.31	22.18
5A-38A	5	10M	20600	844.0	1	0	2600	889	38	20M	38000	2595	22.31	22.14

8.9.20 Power Reduction Level 1-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20600	844.0	1	0	2600	889	7	20M	3100	2655	7	20M	2902	2635.2	22.31	22.05

8.9.21 Power Reduction Level 2&3&4-ANT 0 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	16.51	16.32
7B	7	15M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	16.44	16.27
38C	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	18.26	18.03
41C Class2	41	20M	41140	2645	1	99	41140	2645	41	20M	40942	2625.2	20.10	19.94
41C Class3	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	19.70	19.48

8.9.22 Power Reduction Level 2&3&4-ANT 0 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	99	3100	2655	7	5M	2775	2622.5	16.51	16.25

8.9.23 Power Reduction Level 2&3&4-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20600	844.0	1	49	2600	889	7	20M	3100	2655	20.87	20.65
5A-38A	5	10M	20600	844.0	1	49	2600	889	38	20M	38000	2595	20.87	20.72

8.9.24 Power Reduction Level 2&3&4-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20600	844.0	1	49	2600	889	7	20M	3100	2655	7	20M	2902	2635.2	20.87	20.61

8.9.25 Power Reduction Level 5-ANT 2 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	17.50	17.32
7B	7	15M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	17.39	17.18
38C	38	20M	38000	2595	1	0	38000	2595	38	20M	37802	2575.2	19.39	19.26
41C Class2	41	20M	41140	2645	1	99	41140	2645	41	20M	40942	2625.2	20.10	19.94
41C Class3	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	19.70	19.48

8.9.26 Power Reduction Level 5-ANT 2 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20300	1745	1	49	2175	2132.5	4	5M	1957	2110.7	17.89	17.66
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	3425	2687.5	17.50	17.39

8.9.27 Power Reduction Level 5-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18900	1880	1	99	900	1960	5	10M	2525	881.5	18.32	18.18
4A-5A	4	20M	20300	1745	1	49	2175	2132.5	5	10M	2525	881.5	17.89	17.64
4A-7A	4	20M	20300	1745	1	49	2175	2132.5	7	20M	3100	2655	17.89	14.72

8.9.28 Power Reduction Level 5-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20300	1745	1	49	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	17.89	17.55

8.9.29 Power Reduction Level 6-ANT 2 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21350	2560	1	99	3350	2680	7	20M	3152	2660.2	13.93	13.78
7B	7	15M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	13.92	13.74
38C	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	16.46	16.32
41C Class2	41	20M	41140	2645	1	99	41140	2645	41	20M	40942	2625.2	18.82	18.69
41C Class3	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	18.28	18.07

8.9.30 Power Reduction Level 6-ANT 2 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20300	1745	1	0	2175	2132.5	4	5M	1957	2110.7	16.39	16.22
7A-7A	7	20M	21350	2560	1	99	3350	2680	7	5M	2775	2622.5	13.93	13.64

8.9.31 Power Reduction Level 6-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18700	1860	1	49	700	1940	5	10M	2525	881.5	16.66	16.45
4A-5A	4	20M	20300	1745	1	0	2175	2132.5	5	10M	2525	881.5	16.39	16.18
4A-7A	4	20M	20300	1745	1	0	2175	2132.5	7	20M	3100	2655	16.39	16.14

8.9.32 Power Reduction Level 6-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20300	1745	1	0	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	16.39	16.25

8.9.33 Power Reduction Level 7&8-ANT 2 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	14.85	14.66
7B	7	15M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	14.75	14.49
38C	38	20M	38150	2610	1	99	38150	2610	38	20M	37952	2590.2	17.86	17.72
41C Class2	41	20M	41140	2645	1	0	41140	2645	41	20M	40942	2625.2	19.67	19.53
41C Class3	41	20M	40690	2600	1	99	40690	2600	41	20M	40492	2580.2	19.05	18.86

8.9.34 Power Reduction Level 7&8-ANT 2 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-4A	4	20M	20300	1745	1	0	2175	2132.5	4	5M	1957	2110.7	17.20	17.08
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	2775	2622.5	14.85	14.64

8.9.35 Power Reduction Level 7&8-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18900	1880	1	0	900	1960	5	10M	2525	881.5	17.97	17.73
4A-5A	4	20M	20300	1745	1	0	2175	2132.5	5	10M	2525	881.5	17.20	16.92
4A-7A	4	20M	20300	1745	1	0	2175	2132.5	7	20M	3100	2655	17.20	17.04

8.9.36 Power Reduction Level 7&8-ANT 2 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
4A-7C	4	20M	20300	1745	1	0	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	17.20	17.11

8.9.37 Power Reduction Level 5-ANT 0 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	22.70	22.43
7B	7	15M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	22.66	22.35
41C Class2	41	20M	41140	2645	1	49	41140	2645	41	20M	40942	2625.2	22.24	22.13
41C Class3	41	20M	40690	2600	1	99	40690	2600	41	20M	40492	2580.2	21.70	21.57

8.9.38 Power Reduction Level 5-ANT 0 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	2775	2622.5	22.70	22.56

8.9.39 Power Reduction Level 5-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20525	836.5	1	24	2525	881.5	7	20M	3100	2655	21.86	21.75
5A-38A	5	10M	20525	836.5	1	24	2525	881.5	38	20M	38000	2595	21.86	21.64

8.9.40 Power Reduction Level 5-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20525	836.5	1	24	2525	881.5	7	20M	3100	2655	7	20M	2902	2635.2	21.86	21.42

8.9.41 Power Reduction Level 6-ANT 0 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	20850	2510	1	0	2850	2630	7	20M	3048	2649.8	19.97	19.63
7B	7	15M	20825	2507.5	1	49	2825	2627.5	7	20M	3023	2647.3	19.91	19.55
38C	38	20M	38000	2595	1	99	38000	2595	38	20M	37802	2575.2	20.78	20.52
41C Class2	41	20M	41140	2645	1	0	41140	2645	41	20M	40942	2625.2	20.54	20.35
41C Class3	41	20M	40240	2555	1	99	40240	2555	41	20M	40492	2574.8	20.23	20.10

8.9.42 Power Reduction Level 6-ANT 0 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	20850	2510	1	0	2850	2630	7	5M	3425	2687.5	19.97	19.68

8.9.43 Power Reduction Level 6-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	20.70	20.53
5A-38A	5	10M	20525	836.5	1	49	2525	881.5	38	20M	38000	2595	20.70	20.48

8.9.44 Power Reduction Level 6-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	7	20M	2902	2635.2	20.70	20.46

8.9.45 Power Reduction Level 7&8-ANT 0 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	20.68	20.53
7B	7	15M	20825	2507.5	1	49	2825	2627.5	7	20M	3023	2647.3	20.67	20.48
38C	38	20M	38000	2595	1	99	38000	2595	38	20M	37802	2575.2	20.78	20.52
41C Class2	41	20M	41140	2645	1	0	41140	2645	41	20M	40942	2625.2	20.54	20.35
41C Class3	41	20M	40240	2555	1	99	40240	2555	41	20M	40492	2574.8	20.23	20.10

8.9.46 Power Reduction Level 7&8-ANT 0 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	20.68	20.55

8.9.47 Power Reduction Level 7&8-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	20.70	20.53
5A-38A	5	10M	20525	836.5	1	49	2525	881.5	38	20M	38000	2595	20.70	20.48

8.9.48 Power Reduction Level 7&8-ANT 0 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	7	20M	2902	2635.2	20.70	20.46

8.9.49 Power Reduction Level Level 5-ANT 1 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20525	836.5	1	24	2525	881.5	7	20M	3100	2655	21.86	21.75
5A-38A	5	10M	20525	836.5	1	24	2525	881.5	38	20M	38000	2595	21.86	21.64

8.9.50 Power Reduction Level Level 5-ANT 1 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20525	836.5	1	24	2525	881.5	7	20M	3100	2655	7	20M	2902	2635.2	21.86	21.42

8.9.51 Power Reduction Level Level 6&7&8-ANT 1 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7A	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	20.70	20.53
5A-38A	5	10M	20525	836.5	1	49	2525	881.5	38	20M	38000	2595	20.70	20.48

8.9.52 Power Reduction Level Level 5-ANT 1 for Inter-Band Non-Contiguous Downlink CA (Three Band)

CA Combination	PCC								SCC1				SCC2				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
5A-7C	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	7	20M	2902	2635.2	20.70	20.46

8.9.53 Power Reduction Level 5-ANT 1 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	22.70	22.43
7B	7	15M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	22.66	22.35

8.9.54 Power Reduction Level 5-ANT 1 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	2775	2622.5	22.70	22.56

8.9.55 Power Reduction Level 6&7&8-ANT 1 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	20.68	20.53
7B	7	15M	20825	2507.5	1	49	2825	2627.5	7	20M	3023	2647.3	20.67	20.48

8.9.56 Power Reduction Level 6&7&8-ANT 1 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	20.68	20.55

8.9.57 Power Reduction Level 6&7&8-ANT 1 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18700	1860	1	99	700	1940	5	10M	2525	881.5	21.88	21.64

8.9.58 Power Reduction Level 5-ANT 3 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	22.70	22.43
7B	7	15M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	22.66	22.35

8.9.59 Power Reduction Level 5-ANT 3 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	2775	2622.5	22.70	22.56

8.9.60 Power Reduction Level 6&7&8-ANT 3 for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	20.68	20.53
7B	7	15M	20825	2507.5	1	49	2825	2627.5	7	20M	3023	2647.3	20.67	20.48
41C Class2	41	20M	40690	2600	1	49	40690	2600	41	20M	40492	2580.2	23.39	23.16
41C Class3	41	20M	40690	2600	1	99	40690	2600	41	20M	40492	2580.2	22.69	22.47

8.9.61 Power Reduction Level 6&7&8-ANT 3 for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	20M	2902	2635.2	20.68	20.55

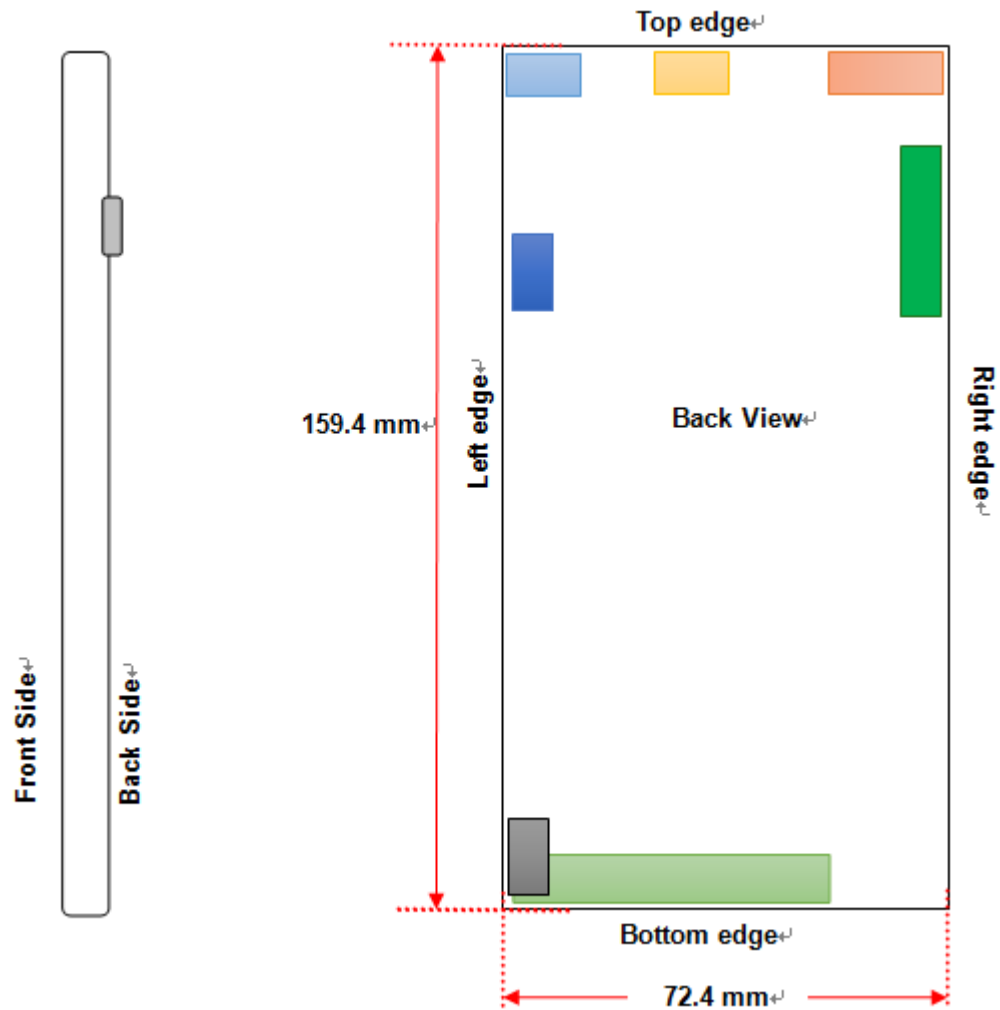
8.9.62 Power Reduction Level 6&7&8-ANT 3 for Inter-Band Non-Contiguous Downlink CA (Two Band)

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-5A	2	20M	18700	1860	1	99	700	1940	5	10M	2525	881.5	21.88	21.45

Note: Summary for SAR Test Exclusion for LTE Downlink CA

Per power confirmation results in above, the uplink maximum output power with downlink CA active remains within the specified tune-up tolerance and not more than 0.25 dB higher than the maximum output power with downlink CA inactive. According to KDB 941225 D05A, the SAR test exclusion applies to LTE downlink CA operation.

9 TEST EXCLUSION CONSIDERATION



	BT/ 2.4G Chain0/ 5G Chain1
	2.4G Chain1
	5G Chain0
	WWAN Antenna 2
	WWAN Antenna 0
	WWAN Antenna 3
	WWAN Antenna 1

9.1 SAR Test Exclusion Consideration Table

According with FCC KDB 447498 D01, Appendix A, <SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm> Table, this Device SAR test configurations consider as following :

ANT0

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
GSM 850	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	Voice	33.0	1995.26	No	No	No	No	No	No
	Data	33.0	1995.26	Yes	Yes	Yes	Yes	Yes	No
WCDMA Band 5	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	RMC	24.5	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 5	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	24.5	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 7	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	25.0	316.23	Yes	Yes	Yes	Yes	Yes	No
LTE Band 12	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	Yes	No
LTE Band 17	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	24.3	269.15	Yes	Yes	Yes	Yes	Yes	No
LTE Band 26	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	Yes	No
LTE Band 38	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	Yes	No
LTE Band 41 Class2	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	25.5	354.81	Yes	Yes	Yes	Yes	Yes	No
LTE Band 41 Class3	Distance to User			<5mm	<5mm	>25mm	<5mm	<25mm	>25mm
	VOIP	25.0	316.23	Yes	Yes	Yes	Yes	Yes	No

ANT1

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
GSM 850	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	Voice	33.0	1995.26	No	No	No	No	No	No
	Data	33.0	1995.26	Yes	Yes	Yes	Yes	No	Yes
WCDMA Band 5	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	RMC	24.5	281.84	Yes	Yes	Yes	Yes	No	Yes
LTE Band 5	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	24.5	281.84	Yes	Yes	Yes	Yes	No	Yes
LTE Band 12	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	No	Yes
LTE Band 17	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	24.3	269.15	Yes	Yes	Yes	Yes	No	Yes
LTE Band 26	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	No	Yes

ANT2

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
GSM 1900	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	Voice	30.5	1122.02	No	No	No	No	No	No
	Data	30.5	1122.02	Yes	Yes	Yes	Yes	Yes	No
WCDMA Band 2	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	RMC	23.5	223.87	Yes	Yes	Yes	Yes	Yes	No
WCDMA Band 4	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	RMC	23.5	223.87	Yes	Yes	Yes	Yes	Yes	No
LTE Band 2	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	Yes	No
LTE Band 4	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	VOIP	23.5	223.87	Yes	Yes	Yes	Yes	Yes	No
LTE Band 7	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	VOIP	25.0	316.23	Yes	Yes	Yes	Yes	Yes	No
LTE Band 38	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	Yes	No
LTE Band 41 Class2	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	VOIP	25.5	354.81	Yes	Yes	Yes	Yes	Yes	No
LTE Band 41 Class3	Distance to User			<5mm	<5mm	>25mm	<5mm	<5mm	>25mm
	VOIP	25.0	316.23	Yes	Yes	Yes	Yes	Yes	No

ANT3

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
GSM 1900	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	Voice	30.5	1122.02	No	No	No	No	No	No
	Data	30.5	1122.02	Yes	Yes	Yes	Yes	No	Yes
WCDMA Band 2	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	RMC	23.5	223.87	Yes	Yes	Yes	Yes	No	Yes
WCDMA Band 4	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	RMC	23.5	223.87	Yes	Yes	Yes	Yes	No	Yes
LTE Band 2	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	No	Yes
LTE Band 4	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	23.5	223.87	Yes	Yes	Yes	Yes	No	Yes
LTE Band 7	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	25.0	316.23	Yes	Yes	Yes	Yes	No	Yes
LTE Band 38	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	24.0	251.12	Yes	Yes	Yes	Yes	No	Yes
LTE Band 41 Class2	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	25.5	354.81	Yes	Yes	Yes	Yes	No	Yes
LTE Band 41 Class3	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	<5mm
	VOIP	25.0	316.23	Yes	Yes	Yes	Yes	No	Yes

BT/ 2.4G Chain0/ 5G Chain1

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
WLAN 2.4 G	Distance to User			<5mm	<5mm	<5mm	>25mm	<5mm	>25mm
	802.11b	20.0	100.00	Yes	Yes	Yes	No	Yes	No
	802.11g	19.5	89.13	No	No	No	No	No	No
	802.11n(HT20)	19.5	89.13	No	No	No	No	No	No
WLAN 5.2 G	Distance to User			<5mm	<5mm	<5mm	>25mm	<5mm	>25mm
	802.11a	22.5	177.83	No	Yes	Yes	No	Yes	No
	802.11n(HT20)	21.0	125.89	No	No	No	No	No	No
	802.11n(HT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT20)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT80)	17.0	50.12	No	No	No	No	No	No
WLAN 5.3 G	Distance to User			<5mm	<5mm	<5mm	>25mm	<5mm	>25mm
	802.11a	22.5	177.83	Yes	Yes	Yes	No	Yes	No
	802.11n(HT20)	20.0	100.00	No	No	No	No	No	No

	802.11n(HT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT20)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT80)	14.0	25.12	No	No	No	No	No	No
WLAN 5.6 G	Distance to User			<5mm	<5mm	<5mm	>25mm	<5mm	>25mm
	802.11a	22.5	177.83	Yes	Yes	Yes	No	Yes	No
	802.11n(HT20)	20.0	100.00	No	No	No	No	No	No
	802.11n(HT40)	20.5	112.20	No	No	No	No	No	No
	802.11ac(VHT20)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT40)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT80)	20.0	100.00	No	No	No	No	No	No
WLAN 5.8 G	Distance to User			<5mm	<5mm	<5mm	>25mm	<5mm	>25mm
	802.11a	16.5	44.67	No	No	No	No	No	No
	802.11n(HT20)	16.5	44.67	No	No	No	No	No	No
	802.11n(HT40)	16.5	44.67	No	No	No	No	No	No
	802.11ac(VHT20)	16.5	44.67	No	No	No	No	No	No
	802.11ac(VHT40)	16.5	44.67	No	No	No	No	No	No
	802.11ac(VHT80)	16.5	44.67	Yes	Yes	Yes	No	Yes	No
Bluetooth	Distance to User			<5mm	<5mm	<5mm	>25mm	<5mm	>25mm
	BT	13.5	22.39	Yes	Yes	Yes	No	Yes	No

2.4G Chain1

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
WLAN 2.4 G	Distance to User			<5mm	<5mm	<25mm	>25mm	<5mm	>25mm
	802.11b	20.0	100.00	Yes	Yes	Yes	No	Yes	No
	802.11g	19.5	89.13	No	No	No	No	No	No
	802.11n(HT20)	19.5	89.13	No	No	No	No	No	No

5G Chain0

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
WLAN 5.2 G	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	>25mm
	802.11a	22.5	177.83	No	Yes	Yes	No	Yes	No
	802.11n(HT20)	21.0	125.89	No	No	No	No	No	No
	802.11n(HT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT20)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT80)	17.0	50.12	No	No	No	No	No	No
WLAN 5.3 G	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	>25mm
	802.11a	22.5	177.83	Yes	Yes	Yes	No	Yes	No
	802.11n(HT20)	20.0	100.00	No	No	No	No	No	No

	802.11n(HT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT20)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT40)	21.0	125.89	No	No	No	No	No	No
	802.11ac(VHT80)	14.0	25.12	No	No	No	No	No	No
WLAN 5.6 G	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	>25mm
	802.11a	22.5	177.83	Yes	Yes	Yes	No	Yes	No
	802.11n(HT20)	20.0	100.00	No	No	No	No	No	No
	802.11n(HT40)	20.5	112.20	No	No	No	No	No	No
	802.11ac(VHT20)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT40)	20.0	100.00	No	No	No	No	No	No
	802.11ac(VHT80)	20.0	100.00	No	No	No	No	No	No
WLAN 5.8 G	Distance to User			<5mm	<5mm	<5mm	>25mm	>25mm	>25mm
	802.11a	16.5	44.67	No	No	No	No	No	No
	802.11n(HT20)	16.5	44.67	No	No	No	No	No	No
	802.11n(HT40)	16.5	44.67	No	No	No	No	No	No
	802.11ac(VHT20)	16.5	44.67	No	No	No	No	No	No
	802.11ac(VHT40)	16.5	44.67	No	No	No	No	No	No
	802.11ac(VHT80)	16.5	44.67	Yes	Yes	Yes	No	Yes	No

Note:

- Maximum power is the source-based time-average power and represents the maximum RF output power including tune-up tolerance among production units
- Per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
- Per KDB 447498 D01, standalone SAR test exclusion threshold is applied; If the distance of the antenna to the user is < 5mm, 5mm is used to determine SAR exclusion threshold
- Per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$
 - 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
 - For < 50 mm distance, we just calculate mW of the exclusion threshold value (3.0) to do compare.
This formula is $[3.0] / [\sqrt{f(\text{GHz})}] \cdot [(\text{min. test separation distance, mm})] = \text{exclusion threshold of mW}$.
- Per KDB 447498 D01, at 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following
 - [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · (f(MHz)/150)] mW, at 100 MHz to 1500 MHz
 - [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · 10] mW at > 1500 MHz and ≤ 6 GHz
- Per KDB 941225 D01, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA/HSUPA/DC-HSDPA output power is < 0.25dB higher than RMC12.2Kbps, or reported SAR with RMC 12.2kbps setting is ≤ 1.2W/kg, HSDPA/HSUPA/DC-HSDPA SAR evaluation can be excluded.
- Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion.8.
For each frequency band, testing at higher data rates and higher order modulations is not required when the maximum average output power for each of these configurations is less than 1/4dB higher than those measured at the lowest data rate

8. Per KDB 248227 D01 SAR is not required for the following 2.4 GHz OFDM conditions.
 - a. When KDB Publication 447498 D01 SAR test exclusion applies to the OFDM configuration.
 - b. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
9. Per KDB 248227 D01 SAR is not required for the following U-NII-1 and U-NII-2A bands conditions.
 - a. When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.
 - b. When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration; otherwise, each band is tested independently for SAR.
10. For 2.4G WLAN, based on the product features, 802.11b mode not support MIMO mode, so SAR testing was performed on SISO for 802.11b mode and performed MIMO for 802.11 g on dual antenna.
11. For 5G WLAN SAR testing was performed on dual antenna, due to the single antenna RF power in MIMO mode is larger than the single antenna RF power in SISO mode.

10 TEST RESULT

10.1 GSM 850

Antenn a	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
ANT 0	Level 1	GPRS (2slots)	Left Cheek	0	190	836.6	0.07	0.582	30.58	31.00	1.102	0.641	/
	Level 1		Left Tilt	0	190	836.6	-0.19	0.126	30.58	31.00	1.102	0.139	/
	Level 1		Right Cheek	0	190	836.6	-0.13	0.691	30.58	31.00	1.102	0.761	/
	Level 1			0	128	824.2	-0.07	0.806	30.56	31.00	1.107	0.892	1#
	Level 1			0	251	848.80	0.00	0.738	30.38	31.00	1.153	0.851	/
	Level 1		Right Tilt	0	190	836.6	-0.02	0.163	30.58	31.00	1.102	0.180	/
ANT 0	Level 2&3&4	GPRS (2slots)	Left Cheek	0	190	836.6	-0.05	0.375	28.82	29.00	1.042	0.391	/
	Level 2&3&4		Left Tilt	0	190	836.6	-0.07	0.092	28.82	29.00	1.042	0.096	/
	Level 2&3&4		Right Cheek	0	190	836.6	0.07	0.456	28.82	29.00	1.042	0.475	/
	Level 2&3&4		Right Tilt	0	190	836.6	-0.06	0.103	28.82	29.00	1.042	0.107	/
ANT 1	Level 1&2&3&4	GPRS (2slots)	Left Cheek	0	251	848.80	-0.09	0.256	30.58	31.00	1.102	0.282	/
	Level 1&2&3&4		Left Tilt	0	251	848.80	0.10	0.179	30.58	31.00	1.102	0.197	/
	Level 1&2&3&4		Right Cheek	0	251	848.80	-0.19	0.236	30.58	31.00	1.102	0.260	/
	Level 1&2&3&4		Right Tilt	0	251	848.80	-0.01	0.086	30.58	31.00	1.102	0.095	/
Body-worn Accessory & Hotspot													
ANT 0	Level 5	GPRS (2slots)	Front Side	10	190	836.6	0.05	0.372	30.58	31.00	1.102	0.410	/
	Level 5		Back Side	10	190	836.6	0.07	0.463	30.58	31.00	1.102	0.510	/
	Level 5		Left Edge	10	190	836.6	-0.03	0.009	30.58	31.00	1.102	0.010	/
	Level 5		Right Edge	10	190	836.6	-0.15	0.497	30.58	31.00	1.102	0.547	/
	Level 5		Top Edge	10	190	836.6	0.09	0.046	30.58	31.00	1.102	0.051	/
ANT 0	Level 6&7&8	GPRS (2slots)	Front Side	10	190	836.6	0.07	0.245	28.82	29.00	1.042	0.255	/
	Level 6&7&8		Back Side	10	190	836.6	-0.06	0.302	28.82	29.00	1.042	0.315	/
	Level 6&7&8		Left Edge	10	190	836.6	0.07	0.006	28.82	29.00	1.042	0.006	/
	Level 6&7&8		Right Edge	10	190	836.6	-0.02	0.301	28.82	29.00	1.042	0.314	/
	Level 6&7&8		Top Edge	10	190	836.6	-0.03	0.028	28.82	29.00	1.042	0.029	/
ANT 1	Level 5	GPRS (2slots)	Front Side	10	251	848.80	0.08	0.385	29.21	29.50	1.069	0.412	/
	Level 5		Back Side	10	251	848.80	0.07	0.569	29.21	29.50	1.069	0.608	2#
	Level 5		Left Edge	10	251	848.80	0.20	0.075	29.21	29.50	1.069	0.080	/
	Level 5		Right Edge	10	251	848.80	0.18	0.027	29.21	29.50	1.069	0.029	/
	Level 5		Bottom Edge	10	251	848.80	-0.02	0.345	29.21	29.50	1.069	0.369	/
ANT 1	Level 6&7&8	GPRS (2slots)	Front Side	10	251	848.80	-0.05	0.271	27.59	28.00	1.099	0.298	/
	Level 6&7&8		Back Side	10	251	848.80	-0.13	0.420	27.59	28.00	1.099	0.462	/
	Level 6&7&8		Left Edge	10	251	848.80	0.03	0.049	27.59	28.00	1.099	0.054	/
	Level 6&7&8		Right Edge	10	251	848.80	0.02	0.017	27.59	28.00	1.099	0.019	/
	Level 6&7&8		Bottom Edge	10	251	848.80	-0.08	0.256	27.59	28.00	1.099	0.281	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.2GSM 1900

Antenn a	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
ANT 2	Level 1	GPRS (2slots)	Left Cheek	0	661	1880.00	0.05	0.527	21.43	22.00	1.140	0.601	/
	Level 1		Left Tilt	0	661	1880.00	0.11	0.628	21.43	22.00	1.140	0.716	/
	Level 1		Right Cheek	0	661	1880.00	-0.12	0.685	21.43	22.00	1.140	0.781	/
	Level 1		Right Tilt	0	661	1880.00	-0.10	0.814	21.43	22.00	1.140	0.928	/
	Level 1			0	512	1850.20	-0.06	0.757	21.07	22.00	1.239	0.938	/
	Level 1			0	810	1909.80	-0.08	0.814	21.28	22.00	1.180	0.961	/
ANT 2	Level 2	GPRS (2slots)	Left Cheek	0	661	1880.00	-0.01	0.388	19.87	20.50	1.156	0.449	/
	Level 2		Left Tilt	0	661	1880.00	0.06	0.447	19.87	20.50	1.156	0.517	/
	Level 2		Right Cheek	0	661	1880.00	0.01	0.480	19.87	20.50	1.156	0.555	/
	Level 2		Right Tilt	0	661	1880.00	-0.18	0.592	19.87	20.50	1.156	0.684	/
ANT 2	Level 3&4	GPRS (2slots)	Left Cheek	0	661	1880.00	0.16	0.549	22.19	22.50	1.074	0.590	/
	Level 3&4		Left Tilt	0	661	1880.00	-0.11	0.631	22.19	22.50	1.074	0.678	/
	Level 3&4		Right Cheek	0	661	1880.00	-0.20	0.715	22.19	22.50	1.074	0.768	/
	Level 3&4		Right Tilt	0	661	1880.00	0.18	0.876	22.19	22.50	1.074	0.941	/
	Level 3&4			0	512	1850.20	-0.19	0.811	22.08	22.50	1.102	0.893	/
	Level 3&4			0	810	1909.80	0.02	0.867	22.04	22.50	1.112	0.964	3#
ANT 3	Off	GPRS (2slots)	Left Cheek	0	661	1880.00	-0.09	0.075	27.83	28.50	1.167	0.088	/
	Off		Left Tilt	0	661	1880.00	0.05	0.141	27.83	28.50	1.167	0.165	/
	Off		Right Cheek	0	661	1880.00	-0.10	0.088	27.83	28.50	1.167	0.103	/
	Off		Right Tilt	0	661	1880.00	-0.17	0.176	27.83	28.50	1.167	0.205	/
Body-worn Accessory & Hotspot													
ANT 2	Level 5	GPRS (2slots)	Front Side	10	810	1909.80	0.13	0.312	23.68	24.50	1.208	0.377	/
	Level 5		Back Side	10	810	1909.80	0.05	0.435	23.68	24.50	1.208	0.525	/
	Level 5		Left Edge	10	810	1909.80	-0.02	0.046	23.68	24.50	1.208	0.056	/
	Level 5		Right Edge	10	810	1909.80	0.08	0.063	23.68	24.50	1.208	0.076	/
	Level 5		Top Edge	10	810	1909.80	0.17	0.508	23.68	24.50	1.208	0.614	4#
ANT 2	Level 6	GPRS (2slots)	Front Side	10	661	1880.00	-0.01	0.197	22.19	22.50	1.074	0.212	/
	Level 6		Back Side	10	661	1880.00	0.00	0.274	22.19	22.50	1.074	0.294	/
	Level 6		Left Edge	10	661	1880.00	0.16	0.011	22.19	22.50	1.074	0.012	/
	Level 6		Right Edge	10	661	1880.00	0.14	0.040	22.19	22.50	1.074	0.043	/
	Level 6		Top Edge	10	661	1880.00	-0.03	0.331	22.19	22.50	1.074	0.355	/
ANT 2	Level 7&8	GPRS (2slots)	Front Side	10	661	1880.00	-0.11	0.239	22.92	23.50	1.143	0.273	/
	Level 7&8		Back Side	10	661	1880.00	-0.16	0.362	22.92	23.50	1.143	0.414	/
	Level 7&8		Left Edge	10	661	1880.00	-0.04	0.013	22.92	23.50	1.143	0.015	/
	Level 7&8		Right Edge	10	661	1880.00	0.00	0.051	22.92	23.50	1.143	0.058	/
	Level 7&8		Top Edge	10	661	1880.00	-0.06	0.403	22.92	23.50	1.143	0.461	/
ANT 3	Off	GPRS (2slots)	Front Side	10	661	1880.00	-0.13	0.152	27.83	28.50	1.167	0.177	/
	Off		Back Side	10	661	1880.00	-0.11	0.173	27.83	28.50	1.167	0.202	/
	Off		Left Edge	10	661	1880.00	-0.14	0.067	27.83	28.50	1.167	0.078	/
	Off		Right Edge	10	661	1880.00	0.05	0.008	27.83	28.50	1.167	0.009	/

	Off		Bottom Edge	10	661	1880.00	-0.18	0.162	27.83	28.50	1.167	0.189	/
Antenn a	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/k g)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific													
ANT 2	Level 5	GPRS (2slots)	Front Side	0	810	1909.80	0.07	0.348	23.68	24.50	1.208	0.420	/
	Level 5		Back Side	0	810	1909.80	-0.13	0.326	23.68	24.50	1.208	0.394	/
	Level 5		Left Edge	0	810	1909.80	-0.12	0.085	23.68	24.50	1.208	0.103	/
	Level 5		Right Edge	0	810	1909.80	0.10	0.134	23.68	24.50	1.208	0.162	/
	Level 5		Top Edge	0	810	1909.80	-0.11	0.766	23.68	24.50	1.208	0.925	5#
ANT 2	Level 6	GPRS (2slots)	Front Side	0	661	1880.00	0.15	0.213	22.19	22.50	1.074	0.229	/
	Level 6		Back Side	0	661	1880.00	-0.04	0.185	22.19	22.50	1.074	0.199	/
	Level 6		Left Edge	0	661	1880.00	0.20	0.049	22.19	22.50	1.074	0.053	/
	Level 6		Right Edge	0	661	1880.00	-0.18	0.076	22.19	22.50	1.074	0.082	/
	Level 6		Top Edge	0	661	1880.00	-0.06	0.492	22.19	22.50	1.074	0.528	/
ANT 2	Level 7&8	GPRS (2slots)	Front Side	0	661	1880.00	-0.20	0.273	22.92	23.50	1.143	0.312	/
	Level 7&8		Back Side	0	661	1880.00	0.16	0.241	22.92	23.50	1.143	0.275	/
	Level 7&8		Left Edge	0	661	1880.00	-0.04	0.062	22.92	23.50	1.143	0.071	/
	Level 7&8		Right Edge	0	661	1880.00	0.18	0.114	22.92	23.50	1.143	0.130	/
	Level 7&8		Top Edge	0	661	1880.00	0.20	0.613	22.92	23.50	1.143	0.701	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.3WCDMA Band 2

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
ANT 2	Level 1	RMC	Left Cheek	0	9400	1880.00	-0.03	0.541	14.97	15.00	1.007	0.545	/
	Level 1		Left Tilt	0	9400	1880.00	0.02	0.654	14.97	15.00	1.007	0.659	/
	Level 1		Right Cheek	0	9400	1880.00	-0.04	0.703	14.97	15.00	1.007	0.708	/
	Level 1		Right Tilt	0	9400	1880.00	-0.13	0.834	14.97	15.00	1.007	0.840	/
	Level 1			0	9262	1852.40	-0.09	0.791	14.93	15.00	1.016	0.804	/
	Level 1			0	9538	1907.60	-0.04	0.853	14.96	15.00	1.009	0.861	6#
ANT 2	Level 2	RMC	Left Cheek	0	9400	1880.00	0.09	0.317	12.92	13.00	1.019	0.323	/
	Level 2		Left Tilt	0	9400	1880.00	0.08	0.378	12.92	13.00	1.019	0.385	/
	Level 2		Right Cheek	0	9400	1880.00	-0.05	0.479	12.92	13.00	1.019	0.488	/
	Level 2		Right Tilt	0	9400	1880.00	-0.13	0.497	12.92	13.00	1.019	0.506	/
ANT 2	Level 3&4	RMC	Left Cheek	0	9400	1880.00	0.10	0.429	13.82	14.00	1.042	0.447	/
	Level 3&4		Left Tilt	0	9400	1880.00	0.14	0.559	13.82	14.00	1.042	0.583	/
	Level 3&4		Right Cheek	0	9400	1880.00	-0.12	0.644	13.82	14.00	1.042	0.671	/
	Level 3&4		Right Tilt	0	9400	1880.00	0.03	0.734	13.82	14.00	1.042	0.765	/
ANT 3	Off	RMC	Left Cheek	0	9400	1880.00	0.14	0.087	22.69	23.50	1.205	0.105	/
	Off		Left Tilt	0	9400	1880.00	-0.06	0.132	22.69	23.50	1.205	0.159	/
	Off		Right Cheek	0	9400	1880.00	-0.02	0.094	22.69	23.50	1.205	0.113	/
	Off		Right Tilt	0	9400	1880.00	0.00	0.127	22.69	23.50	1.205	0.153	/
Body-worn Accessory & Hotspot													
ANT 2	Level 5	RMC	Front Side	10	9400	1880.00	-0.13	0.316	17.28	17.50	1.052	0.332	/
	Level 5		Back Side	10	9400	1880.00	-0.03	0.404	17.28	17.50	1.052	0.425	/
	Level 5		Left Edge	10	9400	1880.00	-0.16	0.034	17.28	17.50	1.052	0.036	/
	Level 5		Right Edge	10	9400	1880.00	-0.11	0.052	17.28	17.50	1.052	0.055	/
	Level 5		Top Edge	10	9400	1880.00	0.01	0.512	17.28	17.50	1.052	0.539	7#
ANT 2	Level 6	RMC	Front Side	10	9400	1880.00	0.17	0.219	15.72	16.00	1.067	0.234	/
	Level 6		Back Side	10	9400	1880.00	0.15	0.291	15.72	16.00	1.067	0.310	/
	Level 6		Left Edge	10	9400	1880.00	-0.14	0.018	15.72	16.00	1.067	0.019	/
	Level 6		Right Edge	10	9400	1880.00	-0.10	0.035	15.72	16.00	1.067	0.037	/
	Level 6		Top Edge	10	9400	1880.00	-0.12	0.374	15.72	16.00	1.067	0.399	/
ANT 2	Level 7&8	RMC	Front Side	10	9400	1880.00	-0.02	0.295	16.45	17.00	1.135	0.335	/
	Level 7&8		Back Side	10	9400	1880.00	0.08	0.367	16.45	17.00	1.135	0.417	/
	Level 7&8		Left Edge	10	9400	1880.00	-0.18	0.029	16.45	17.00	1.135	0.033	/
	Level 7&8		Right Edge	10	9400	1880.00	-0.15	0.045	16.45	17.00	1.135	0.051	/
	Level 7&8		Top Edge	10	9400	1880.00	0.05	0.435	16.45	17.00	1.135	0.494	/
ANT 3	Off	RMC	Front Side	10	9400	1880.00	0.07	0.233	22.69	23.50	1.205	0.281	/
	Off		Back Side	10	9400	1880.00	-0.04	0.282	22.69	23.50	1.205	0.340	/
	Off		Left Edge	10	9400	1880.00	-0.04	0.083	22.69	23.50	1.205	0.100	/
	Off		Right Edge	10	9400	1880.00	-0.04	0.011	22.69	23.50	1.205	0.013	/
	Off		Bottom Edge	10	9400	1880.00	0.15	0.224	22.69	23.50	1.205	0.270	/
ANT 3	Level 6&7&8	RMC	Front Side	10	9400	1880.00	0.11	0.127	20.41	21.00	1.146	0.145	/

	Level 6&7&8		Back Side	10	9400	1880.00	-0.02	0.163	20.41	21.00	1.146	0.187	/
	Level 6&7&8		Left Edge	10	9400	1880.00	0.07	0.044	20.41	21.00	1.146	0.050	/
	Level 6&7&8		Right Edge	10	9400	1880.00	0.16	0.006	20.41	21.00	1.146	0.007	/
	Level 6&7&8		Bottom Edge	10	9400	1880.00	-0.02	0.131	20.41	21.00	1.146	0.150	/
Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific													
ANT 2	Level 5	RMC	Front Side	0	9400	1880.00	0.18	0.792	17.28	17.50	1.052	0.833	/
	Level 5		Back Side	0	9400	1880.00	-0.03	0.706	17.28	17.50	1.052	0.743	/
	Level 5		Left Edge	0	9400	1880.00	-0.06	0.114	17.28	17.50	1.052	0.120	/
	Level 5		Right Edge	0	9400	1880.00	-0.11	0.283	17.28	17.50	1.052	0.298	/
	Level 5		Top Edge	0	9400	1880.00	0.19	1.380	17.28	17.50	1.052	1.452	8#
ANT 2	Level 6	RMC	Front Side	0	9400	1880.00	0.18	0.548	15.72	16.00	1.067	0.584	/
	Level 6		Back Side	0	9400	1880.00	-0.12	0.472	15.72	16.00	1.067	0.503	/
	Level 6		Left Edge	0	9400	1880.00	-0.06	0.076	15.72	16.00	1.067	0.081	/
	Level 6		Right Edge	0	9400	1880.00	0.18	0.215	15.72	16.00	1.067	0.229	/
	Level 6		Top Edge	0	9400	1880.00	-0.17	0.936	15.72	16.00	1.067	0.998	/
ANT 2	Level 7&8	RMC	Front Side	0	9400	1880.00	0.18	0.714	16.45	17.00	1.135	0.810	/
	Level 7&8		Back Side	0	9400	1880.00	-0.13	0.628	16.45	17.00	1.135	0.713	/
	Level 7&8		Left Edge	0	9400	1880.00	0.11	0.113	16.45	17.00	1.135	0.128	/
	Level 7&8		Right Edge	0	9400	1880.00	0.17	0.245	16.45	17.00	1.135	0.278	/
	Level 7&8		Top Edge	0	9400	1880.00	-0.06	1.210	16.45	17.00	1.135	1.373	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.4WCDMA Band 4

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
ANT 2	Level 1	RMC	Left Cheek	0	1412	1732.40	-0.04	0.441	15.24	15.50	1.062	0.468	/
	Level 1		Left Tilt	0	1412	1732.40	-0.01	0.596	15.24	15.50	1.062	0.633	/
	Level 1		Right Cheek	0	1412	1732.40	-0.03	0.609	15.24	15.50	1.062	0.647	/
	Level 1		Right Tilt	0	1412	1732.40	-0.03	0.750	15.24	15.50	1.062	0.796	/
	Level 1			0	1312	1712.40	-0.19	0.757	15.24	15.50	1.062	0.804	9#
	Level 1			0	1513	1752.60	-0.03	0.719	15.19	15.50	1.074	0.772	/
ANT 2	Level 2	RMC	Left Cheek	0	1412	1732.40	-0.04	0.340	13.18	13.50	1.076	0.366	/
	Level 2		Left Tilt	0	1412	1732.40	-0.12	0.413	13.18	13.50	1.076	0.445	/
	Level 2		Right Cheek	0	1412	1732.40	-0.02	0.496	13.18	13.50	1.076	0.534	/
	Level 2		Right Tilt	0	1412	1732.40	-0.09	0.579	13.18	13.50	1.076	0.623	/
ANT 2	Level 3&4	RMC	Left Cheek	0	1412	1732.40	0.02	0.410	14.28	14.50	1.052	0.431	/
	Level 3&4		Left Tilt	0	1412	1732.40	-0.19	0.515	14.28	14.50	1.052	0.542	/
	Level 3&4		Right Cheek	0	1412	1732.40	0.17	0.504	14.28	14.50	1.052	0.530	/
	Level 3&4		Right Tilt	0	1412	1732.40	0.08	0.636	14.28	14.50	1.052	0.669	/

ANT 3	Off	RMC	Left Cheek	0	1513	1752.60	0.07	0.113	22.87	23.50	1.156	0.131	/
	Off		Left Tilt	0	1513	1752.60	-0.15	0.152	22.87	23.50	1.156	0.176	/
	Off		Right Cheek	0	1513	1752.60	0.06	0.098	22.87	23.50	1.156	0.113	/
	Off		Right Tilt	0	1513	1752.60	0.19	0.145	22.87	23.50	1.156	0.168	/
Body-worn Accessory & Hotspot													
ANT 2	Level 5	RMC	Front Side	10	1412	1732.40	0.06	0.224	17.15	17.50	1.084	0.243	/
	Level 5		Back Side	10	1412	1732.40	0.08	0.326	17.15	17.50	1.084	0.353	/
	Level 5		Left Edge	10	1412	1732.40	-0.03	0.029	17.15	17.50	1.084	0.031	/
	Level 5		Right Edge	10	1412	1732.40	-0.16	0.057	17.15	17.50	1.084	0.062	/
	Level 5		Top Edge	10	1412	1732.40	0.00	0.413	17.15	17.50	1.084	0.448	10#
ANT 2	Level 6	RMC	Front Side	10	1412	1732.40	-0.16	0.157	15.48	16.00	1.127	0.177	/
	Level 6		Back Side	10	1412	1732.40	0.13	0.222	15.48	16.00	1.127	0.250	/
	Level 6		Left Edge	10	1412	1732.40	0.20	0.007	15.48	16.00	1.127	0.008	/
	Level 6		Right Edge	10	1412	1732.40	-0.18	0.042	15.48	16.00	1.127	0.047	/
	Level 6		Top Edge	10	1412	1732.40	0.03	0.287	15.48	16.00	1.127	0.324	/
ANT 2	Level 7&8	RMC	Front Side	10	1412	1732.40	0.18	0.224	16.50	17.00	1.122	0.251	/
	Level 7&8		Back Side	10	1412	1732.40	0.11	0.257	16.50	17.00	1.122	0.288	/
	Level 7&8		Left Edge	10	1412	1732.40	-0.15	0.048	16.50	17.00	1.122	0.054	/
	Level 7&8		Right Edge	10	1412	1732.40	0.16	0.013	16.50	17.00	1.122	0.015	/
	Level 7&8		Top Edge	10	1412	1732.40	0.10	0.360	16.50	17.00	1.122	0.404	/
ANT 3	Off	RMC	Front Side	10	1412	1732.40	0.09	0.098	22.87	23.50	1.156	0.113	/
	Off		Back Side	10	1412	1732.40	-0.11	0.105	22.87	23.50	1.156	0.121	/
	Off		Left Edge	10	1412	1732.40	0.18	0.062	22.87	23.50	1.156	0.072	/
	Off		Right Edge	10	1412	1732.40	0.16	0.004	22.87	23.50	1.156	0.005	/
	Off		Bottom Edge	10	1412	1732.40	0.01	0.156	22.87	23.50	1.156	0.180	/
Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/kg g)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific													
ANT 2	Level 5	RMC	Front Side	0	1412	1732.40	0.16	0.714	17.15	17.50	1.084	0.774	/
	Level 5		Back Side	0	1412	1732.40	-0.19	0.625	17.15	17.50	1.084	0.677	/
	Level 5		Left Edge	0	1412	1732.40	0.14	0.098	17.15	17.50	1.084	0.106	/
	Level 5		Right Edge	0	1412	1732.40	-0.07	0.162	17.15	17.50	1.084	0.176	/
	Level 5		Top Edge	0	1412	1732.40	0.19	1.220	17.15	17.50	1.084	1.322	11#
ANT 2	Level 6	RMC	Front Side	0	1412	1732.40	0.07	0.518	15.48	16.00	1.127	0.584	/
	Level 6		Back Side	0	1412	1732.40	-0.05	0.425	15.48	16.00	1.127	0.479	/
	Level 6		Left Edge	0	1412	1732.40	0.10	0.063	15.48	16.00	1.127	0.071	/
	Level 6		Right Edge	0	1412	1732.40	0.16	0.124	15.48	16.00	1.127	0.140	/
	Level 6		Top Edge	0	1412	1732.40	0.15	0.876	15.48	16.00	1.127	0.987	/
ANT 2	Level 7&8	RMC	Front Side	0	1412	1732.40	-0.03	0.661	16.50	17.00	1.122	0.742	/
	Level 7&8		Back Side	0	1412	1732.40	0.05	0.575	16.50	17.00	1.122	0.645	/
	Level 7&8		Left Edge	0	1412	1732.40	-0.16	0.076	16.50	17.00	1.122	0.085	/
	Level 7&8		Right Edge	0	1412	1732.40	0.10	0.121	16.50	17.00	1.122	0.136	/
	Level 7&8		Top Edge	0	1412	1732.40	-0.18	1.090	16.50	17.00	1.122	1.223	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.5WCDMA Band 5

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
ANT 0	Off	RMC	Left Cheek	0	4233	846.60	0.04	0.652	24.19	24.50	1.074	0.700	/
	Off		Left Tilt	0	4233	846.60	0.11	0.126	24.19	24.50	1.074	0.135	/
	Off		Right Cheek	0	4233	846.60	0.01	0.764	24.19	24.50	1.074	0.821	/
	Off			0	4132	826.40	0.03	0.877	24.11	24.50	1.094	0.959	12#
	Off			0	4182	836.40	0.14	0.856	24.11	24.50	1.094	0.936	/
	Off		Right Tilt	0	4233	846.60	0.16	0.150	24.19	24.50	1.074	0.161	/
ANT 0	Level 2&3&4	RMC	Left Cheek	0	4233	846.60	-0.05	0.379	21.92	22.00	1.019	0.386	/
	Level 2&3&4		Left Tilt	0	4233	846.60	0.03	0.083	21.92	22.00	1.019	0.085	/
	Level 2&3&4		Right Cheek	0	4233	846.60	-0.18	0.426	21.92	22.00	1.019	0.434	/
	Level 2&3&4		Right Tilt	0	4233	846.60	-0.05	0.093	21.92	22.00	1.019	0.095	/
ANT 3	Off	RMC	Left Cheek	0	4182	836.40	0.09	0.261	24.19	24.50	1.074	0.280	/
	Off		Left Tilt	0	4182	836.40	0.15	0.177	24.19	24.50	1.074	0.190	/
	Off		Right Cheek	0	4182	836.40	0.15	0.342	24.19	24.50	1.074	0.367	/
	Off		Right Tilt	0	4182	836.40	0.20	0.184	24.19	24.50	1.074	0.198	/
Body-worn Accessory & Hotspot													
ANT 0	Off	RMC	Front Side	10	4182	836.40	-0.20	0.382	24.19	24.50	1.074	0.410	/
	Off		Back Side	10	4182	836.40	-0.12	0.507	24.19	24.50	1.074	0.545	/
	Off		Left Edge	10	4182	836.40	0.17	0.010	24.19	24.50	1.074	0.011	/
	Off		Right Edge	10	4182	836.40	0.00	0.598	24.19	24.50	1.074	0.642	13#
	Off		Top Edge	10	4182	836.40	0.08	0.031	24.19	24.50	1.074	0.033	/
ANT 0	Level 6&7&8	RMC	Front Side	10	4233	846.60	-0.19	0.246	21.92	22.00	1.019	0.251	/
	Level 6&7&8		Back Side	10	4233	846.60	-0.09	0.327	21.92	22.00	1.019	0.333	/
	Level 6&7&8		Left Edge	10	4233	846.60	0.12	0.008	21.92	22.00	1.019	0.008	/
	Level 6&7&8		Right Edge	10	4233	846.60	0.02	0.380	21.92	22.00	1.019	0.387	/
	Level 6&7&8		Top Edge	10	4233	846.60	-0.12	0.020	21.92	22.00	1.019	0.020	/
ANT 1	Level 5	RMC	Front Side	10	4182	836.40	-0.09	0.361	22.82	23.00	1.042	0.376	/
	Level 5		Back Side	10	4182	836.40	0.03	0.431	22.82	23.00	1.042	0.449	/
	Level 5		Left Edge	10	4182	836.40	0.18	0.049	22.82	23.00	1.042	0.051	/
	Level 5		Right Edge	10	4182	836.40	0.17	0.013	22.82	23.00	1.042	0.014	/
	Level 5		Bottom Edge	10	4182	836.40	-0.10	0.308	22.82	23.00	1.042	0.321	/
ANT 1	Level 6&7&8	RMC	Front Side	10	4182	836.40	0.19	0.248	20.61	21.00	1.094	0.271	/
	Level 6&7&8		Back Side	10	4182	836.40	-0.02	0.297	20.61	21.00	1.094	0.325	/
	Level 6&7&8		Left Edge	10	4182	836.40	0.20	0.028	20.61	21.00	1.094	0.031	/
	Level 6&7&8		Right Edge	10	4182	836.40	-0.18	0.006	20.61	21.00	1.094	0.007	/
	Level 6&7&8		Bottom Edge	10	4182	836.40	-0.17	0.213	20.61	21.00	1.094	0.233	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.6LTE Band 2 (20MHz Bandwidth)

Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 2	3	Level 1	QPSK	Left Cheek	0	18900	1880	1	Mid	-0.03	0.479	14.06	15.00	1.242	0.595	/
	3	Level 1			0	18900	1880	50	Low	0.16	0.484	14.19	15.00	1.205	0.583	/
	3	Level 1		Left Tilt	0	18900	1880	1	Mid	-0.13	0.562	14.06	15.00	1.242	0.698	/
	3	Level 1			0	18900	1880	50	Low	-0.18	0.576	14.19	15.00	1.205	0.694	/
	3	Level 1		Right Cheek	0	18900	1880	1	Low	-0.10	0.618	14.06	15.00	1.242	0.767	/
	3	Level 1			0	18900	1880	50	Low	-0.19	0.629	14.19	15.00	1.205	0.758	/
	3	Level 1		Right Tilt	0	18900	1880	1	Low	0.12	0.680	14.06	15.00	1.242	0.844	/
	3	Level 1			0	18700	1860	1	High	-0.09	0.622	14.05	15.00	1.245	0.774	/
	3	Level 1			0	19100	1900	1	Low	0.08	0.640	13.87	15.00	1.297	0.830	/
	3	Level 1			0	18900	1880	50	Low	0.02	0.709	14.19	15.00	1.205	0.854	14#
	3	Level 1			0	18700	1860	50	Mid	0.00	0.520	14.11	15.00	1.227	0.638	/
	3	Level 1			0	19100	1900	50	Low	0.05	0.638	14.08	15.00	1.236	0.789	/
	3	Level 1			0	18900	1880	100	Low	0.18	0.665	14.12	15.00	1.225	0.814	/
	3	Level 1														
ANT 2	3	Level 2&3&4	QPSK	Left Cheek	0	18900	1880	1	Mid	-0.15	0.405	13.55	14.50	1.245	0.504	/
	3	Level 2&3&4			0	19100	1900	50	Low	0.16	0.418	13.59	14.50	1.233	0.515	/
	3	Level 2&3&4		Left Tilt	0	18900	1880	1	Mid	-0.13	0.482	13.55	14.50	1.245	0.600	/
	3	Level 2&3&4			0	19100	1900	50	Low	-0.19	0.497	13.59	14.50	1.233	0.613	/
	3	Level 2&3&4		Right Cheek	0	18900	1880	1	Mid	-0.06	0.569	13.55	14.50	1.245	0.708	/
	3	Level 2&3&4			0	19100	1900	50	Low	-0.17	0.573	13.59	14.50	1.233	0.707	/
	3	Level 2&3&4		Right Tilt	0	18900	1880	1	Mid	-0.20	0.623	13.55	14.50	1.245	0.775	/
	3	Level 2&3&4			0	19100	1900	50	Low	-0.19	0.635	13.59	14.50	1.233	0.783	/
ANT 3	3	Off	QPSK	Left Cheek	0	18900	1880	1	Low	-0.04	0.095	22.95	24.00	1.274	0.121	/
	3	Off			0	18700	1860	50	Mid	-0.05	0.079	21.96	23.00	1.271	0.100	/
	3	Off		Left Tilt	0	18900	1880	1	Low	-0.07	0.111	22.95	24.00	1.274	0.141	/
	3	Off			0	18700	1860	50	Mid	0.09	0.091	21.96	23.00	1.271	0.116	/
	3	Off		Right Cheek	0	18900	1880	1	Low	0.01	0.146	22.95	24.00	1.274	0.186	/
	3	Off			0	18700	1860	50	Mid	-0.04	0.124	21.96	23.00	1.271	0.158	/
	3	Off		Right Tilt	0	18900	1880	1	Low	0.17	0.103	22.95	24.00	1.274	0.131	/
	3	Off			0	18700	1860	50	Mid	-0.14	0.083	21.96	23.00	1.271	0.105	/
Body-worn Accessory & Hotspot																
ANT 2	3	Level 5	QPSK	Front Side	10	18900	1880	1	High	-0.14	0.342	18.32	19.00	1.169	0.400	/
	3	Level 5			10	18900	1880	50	Mid	0.06	0.358	18.38	19.00	1.153	0.413	/
	3	Level 5		Back Side	10	18900	1880	1	High	0.18	0.441	18.32	19.00	1.169	0.516	/
	3	Level 5			10	18900	1880	50	Mid	0.13	0.463	18.38	19.00	1.153	0.534	/
	3	Level 5		Left Edge	10	18900	1880	1	High	0.20	0.067	18.32	19.00	1.169	0.078	/
	3	Level 5			10	18900	1880	50	Mid	0.12	0.069	18.38	19.00	1.153	0.080	/
	3	Level 5		Right Edge	10	18900	1880	1	High	0.10	0.088	18.32	19.00	1.169	0.103	/
	3	Level 5			10	18900	1880	50	Mid	0.02	0.091	18.38	19.00	1.153	0.105	/
	3	Level 5		Top Edge	10	18900	1880	1	High	-0.07	0.551	18.32	19.00	1.169	0.644	/

	3	Level 5			10	18900	1880	50	Mid	0.18	0.564	18.38	19.00	1.153	0.651	15#
ANT 2	3	Level 6	QPSK	Front Side	10	18700	1860	1	Mid	0.01	0.216	16.66	17.50	1.213	0.263	/
	3	Level 6			10	18900	1880	50	Mid	0.03	0.229	16.69	17.50	1.205	0.276	/
	3	Level 6		Back Side	10	18700	1860	1	Mid	0.04	0.279	16.66	17.50	1.213	0.339	/
	3	Level 6			10	18900	1880	50	Mid	-0.09	0.285	16.69	17.50	1.205	0.343	/
	3	Level 6		Left Edge	10	18700	1860	1	Mid	0.17	0.042	16.66	17.50	1.213	0.051	/
	3	Level 6			10	18900	1880	50	Mid	-0.06	0.048	16.69	17.50	1.205	0.058	/
	3	Level 6		Right Edge	10	18700	1860	1	Mid	-0.19	0.056	16.66	17.50	1.213	0.068	/
	3	Level 6			10	18900	1880	50	Mid	-0.01	0.062	16.69	17.50	1.205	0.075	/
	3	Level 6		Top Edge	10	18700	1860	1	Mid	-0.12	0.349	16.66	17.50	1.213	0.423	/
	3	Level 6			10	18900	1880	50	Mid	0.16	0.357	16.69	17.50	1.205	0.430	/
ANT 2	3	Level 7&8	QPSK	Front Side	10	18900	1880	1	Low	-0.09	0.275	17.97	18.50	1.130	0.311	/
	3	Level 7&8			10	18900	1880	50	Mid	-0.03	0.286	17.89	18.50	1.151	0.329	/
	3	Level 7&8		Back Side	10	18900	1880	1	Low	0.00	0.360	17.97	18.50	1.130	0.407	/
	3	Level 7&8			10	18900	1880	50	Mid	-0.04	0.372	17.89	18.50	1.151	0.428	/
	3	Level 7&8		Left Edge	10	18900	1880	1	Low	0.18	0.059	17.97	18.50	1.130	0.067	/
	3	Level 7&8			10	18900	1880	50	Mid	-0.09	0.062	17.89	18.50	1.151	0.071	/
	3	Level 7&8		Right Edge	10	18900	1880	1	Low	0.16	0.084	17.97	18.50	1.130	0.095	/
	3	Level 7&8			10	18900	1880	50	Mid	-0.01	0.087	17.89	18.50	1.151	0.100	/
	3	Level 7&8		Top Edge	10	18900	1880	1	Low	0.14	0.503	17.97	18.50	1.130	0.568	/
	3	Level 7&8			10	18900	1880	50	Mid	-0.05	0.518	17.89	18.50	1.151	0.596	/
ANT 3	3	Off	QPSK	Front Side	10	18900	1880	1	Low	-0.06	0.191	22.95	24.00	1.274	0.243	/
	3	Off			10	18700	1860	50	Mid	-0.20	0.153	21.96	23.00	1.271	0.194	/
	3	Off		Back Side	10	18900	1880	1	Low	-0.09	0.242	22.95	24.00	1.274	0.308	/
	3	Off			10	18700	1860	50	Mid	0.10	0.207	21.96	23.00	1.271	0.263	/
	3	Off		Left Edge	10	18900	1880	1	Low	-0.13	0.142	22.95	24.00	1.274	0.181	/
	3	Off			10	18700	1860	50	Mid	-0.05	0.114	21.96	23.00	1.271	0.145	/
	3	Off		Right Edge	10	18900	1880	1	Low	-0.11	0.010	22.95	24.00	1.274	0.013	/
	3	Off			10	18700	1860	50	Mid	0.10	0.008	21.96	23.00	1.271	0.010	/
	3	Off		Top Edge	10	18900	1880	1	Low	0.11	0.177	22.95	24.00	1.274	0.225	/
	3	Off			10	18700	1860	50	Mid	-0.08	0.150	21.96	23.00	1.271	0.191	/
ANT 3	3	Level 6&7&8	QPSK	Front Side	10	18700	1860	1	High	-0.19	0.161	21.88	23.00	1.294	0.208	/
	3	Level 6&7&8			10	18900	1880	50	Mid	0.16	0.168	21.81	23.00	1.315	0.221	/
	3	Level 6&7&8		Back Side	10	18700	1860	1	High	-0.05	0.188	21.88	23.00	1.294	0.243	/
	3	Level 6&7&8			10	18900	1880	50	Mid	0.14	0.194	21.81	23.00	1.315	0.255	/
	3	Level 6&7&8		Left Edge	10	18700	1860	1	High	-0.03	0.106	21.88	23.00	1.294	0.137	/
	3	Level 6&7&8			10	18900	1880	50	Mid	-0.13	0.112	21.81	23.00	1.315	0.147	/
	3	Level 6&7&8		Right Edge	10	18700	1860	1	High	0.02	0.008	21.88	23.00	1.294	0.010	/
	3	Level 6&7&8			10	18900	1880	50	Mid	-0.06	0.009	21.81	23.00	1.315	0.012	/
	3	Level 6&7&8		Top Edge	10	18700	1860	1	High	0.15	0.148	21.88	23.00	1.294	0.192	/
	3	Level 6&7&8			10	18900	1880	50	Mid	0.18	0.154	21.81	23.00	1.315	0.203	/
Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	10 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																

ANT 2	3	Level 5	QPSK	Front Side	0	18900	1880	1	High	-0.06	1.290	18.32	19.00	1.169	1.509	/
	3	Level 5			0	18900	1880	50	Mid	-0.09	1.310	18.38	19.00	1.153	1.511	/
	3	Level 5		Back Side	0	18900	1880	1	High	-0.11	1.240	18.32	19.00	1.169	1.450	/
	3	Level 5			0	18900	1880	50	Mid	-0.16	1.290	18.38	19.00	1.153	1.488	/
	3	Level 5		Left Edge	0	18900	1880	1	High	0.10	0.149	18.32	19.00	1.169	0.174	/
	3	Level 5			0	18900	1880	50	Mid	-0.13	0.162	18.38	19.00	1.153	0.187	/
	3	Level 5		Right Edge	0	18900	1880	1	High	0.17	0.207	18.32	19.00	1.169	0.242	/
	3	Level 5			0	18900	1880	50	Mid	0.08	0.219	18.38	19.00	1.153	0.253	/
	3	Level 5		Top Edge	0	18900	1880	1	High	0.15	1.530	18.32	19.00	1.169	1.789	/
	3	Level 5			0	18900	1880	50	Mid	0.17	1.560	18.38	19.00	1.153	1.799	16#
ANT 2	3	Level 6	QPSK	Front Side	0	18700	1860	1	Mid	0.18	0.926	16.66	17.50	1.213	1.124	/
	3	Level 6			0	18900	1880	50	Mid	-0.01	0.939	16.69	17.50	1.205	1.132	/
	3	Level 6		Back Side	0	18700	1860	1	Mid	-0.16	0.902	16.66	17.50	1.213	1.094	/
	3	Level 6			0	18900	1880	50	Mid	0.15	0.907	16.69	17.50	1.205	1.093	/
	3	Level 6		Left Edge	0	18700	1860	1	Mid	-0.02	0.113	16.66	17.50	1.213	0.137	/
	3	Level 6			0	18900	1880	50	Mid	-0.06	0.118	16.69	17.50	1.205	0.142	/
	3	Level 6		Right Edge	0	18700	1860	1	Mid	0.09	0.151	16.66	17.50	1.213	0.183	/
	3	Level 6			0	18900	1880	50	Mid	-0.15	0.159	16.69	17.50	1.205	0.192	/
	3	Level 6		Top Edge	0	18700	1860	1	Mid	0.14	1.060	16.66	17.50	1.213	1.286	/
	3	Level 6			0	18900	1880	50	Mid	0.19	1.100	16.69	17.50	1.205	1.326	/
ANT 2	3	Level 7&8	QPSK	Front Side	0	18900	1880	1	Low	0.04	1.180	17.97	18.50	1.130	1.333	/
	3	Level 7&8			0	18900	1880	50	Mid	-0.08	1.210	17.89	18.50	1.151	1.392	/
	3	Level 7&8		Back Side	0	18900	1880	1	Low	0.08	1.110	17.97	18.50	1.130	1.254	/
	3	Level 7&8			0	18900	1880	50	Mid	-0.02	1.140	17.89	18.50	1.151	1.312	/
	3	Level 7&8		Left Edge	0	18900	1880	1	Low	0.10	0.142	17.97	18.50	1.130	0.160	/
	3	Level 7&8			0	18900	1880	50	Mid	0.14	0.148	17.89	18.50	1.151	0.170	/
	3	Level 7&8		Right Edge	0	18900	1880	1	Low	0.07	0.176	17.97	18.50	1.130	0.199	/
	3	Level 7&8			0	18900	1880	50	Mid	0.18	0.188	17.89	18.50	1.151	0.216	/
	3	Level 7&8		Top Edge	0	18900	1880	1	Low	-0.07	1.320	17.97	18.50	1.130	1.491	/
	3	Level 7&8			0	18900	1880	50	Mid	-0.02	1.360	17.89	18.50	1.151	1.565	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.7LTE Band 4 (20MHz Bandwidth)

Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 2	3	Level 1	QPSK	Left Cheek	0	20175	1732.5	1	Mid	0.02	0.526	14.80	15.50	1.175	0.618	/
	3	Level 1			0	20300	1745	50	High	-0.01	0.508	14.83	15.50	1.167	0.593	/
	3	Level 1		Left Tilt	0	20175	1732.5	1	Mid	-0.03	0.625	14.80	15.50	1.175	0.734	/
	3	Level 1			0	20300	1745	50	High	-0.03	0.614	14.83	15.50	1.167	0.716	/
	3	Level 1		Right Cheek	0	20175	1732.5	1	Mid	-0.03	0.648	14.80	15.50	1.175	0.761	/
	3	Level 1			0	20300	1745	50	High	-0.06	0.636	14.83	15.50	1.167	0.742	/
	3	Level 1		Right Tilt	0	20175	1732.5	1	Mid	-0.05	0.782	14.80	15.50	1.175	0.919	17#
	3	Level 1			0	20050	1720	1	Mid	-0.10	0.750	14.75	15.50	1.189	0.891	/
	3	Level 1			0	20300	1745	1	High	-0.11	0.681	14.73	15.50	1.194	0.813	/
	3	Level 1			0	20300	1745	50	High	-0.01	0.694	14.83	15.50	1.167	0.810	/
	3	Level 1			0	20050	1720	1	Mid	0.02	0.672	14.62	15.50	1.225	0.823	/
	3	Level 1			0	20175	1745	1	Mid	0.01	0.716	14.80	15.50	1.175	0.841	/
	3	Level 1			0	20175	1732.5	100	Low	-0.04	0.635	14.66	15.50	1.213	0.771	/
	ANT 2	3			Level 2	QPSK	Left Cheek	0	20175	1732.5	1	Mid	-0.10	0.346	13.00	13.50
3		Level 2	0	20175	1732.5			50	Low	-0.03	0.334	12.98	13.50	1.127	0.377	/
3		Level 2	Left Tilt	0	20175		1732.5	1	Mid	-0.20	0.411	13.00	13.50	1.122	0.461	/
3		Level 2		0	20175		1732.5	50	Low	-0.09	0.404	12.98	13.50	1.127	0.455	/
3		Level 2	Right Cheek	0	20175		1732.5	1	Mid	-0.06	0.426	13.00	13.50	1.122	0.478	/
3		Level 2		0	20175		1732.5	50	Low	-0.06	0.418	12.98	13.50	1.127	0.472	/
3		Level 2	Right Tilt	0	20175		1732.5	1	Mid	-0.11	0.514	13.00	13.50	1.122	0.577	/
3		Level 2		0	20175		1732.5	50	Low	0.03	0.457	12.98	13.50	1.127	0.515	/
ANT 2	3	Level 3&4	QPSK	Left Cheek	0	20175	1732.5	1	High	-0.08	0.428	13.70	14.50	1.202	0.515	/
	3	Level 3&4			0	20175	1732.5	50	High	0.16	0.409	13.64	14.50	1.219	0.499	/
	3	Level 3&4		Left Tilt	0	20175	1732.5	1	High	0.06	0.498	13.70	14.50	1.202	0.599	/
	3	Level 3&4			0	20175	1732.5	50	High	-0.05	0.493	13.64	14.50	1.219	0.601	/
	3	Level 3&4		Right Cheek	0	20175	1732.5	1	High	0.05	0.541	13.70	14.50	1.202	0.650	/
	3	Level 3&4			0	20175	1732.5	50	High	-0.03	0.483	13.64	14.50	1.219	0.589	/
	3	Level 3&4		Right Tilt	0	20175	1732.5	1	High	0.09	0.639	13.70	14.50	1.202	0.768	/
	3	Level 3&4			0	20175	1732.5	50	High	0.16	0.541	13.64	14.50	1.219	0.659	/
ANT 3	3	Off	QPSK	Left Cheek	0	20300	1745	1	Low	-0.17	0.094	23.15	23.50	1.084	0.102	/
	3	Off			0	20300	1745	50	Low	-0.03	0.076	22.24	22.50	1.062	0.081	/
	3	Off		Left Tilt	0	20300	1745	1	Low	0.01	0.135	23.15	23.50	1.084	0.146	/
	3	Off			0	20300	1745	50	Low	0.08	0.112	22.24	22.50	1.062	0.119	/
	3	Off		Right Cheek	0	20300	1745	1	Low	-0.18	0.102	23.15	23.50	1.084	0.111	/
	3	Off			0	20300	1745	50	Low	0.16	0.085	22.24	22.50	1.062	0.090	/
	3	Off		Right Tilt	0	20300	1745	1	Low	-0.12	0.142	23.15	23.50	1.084	0.154	/
	3	Off			0	20300	1745	50	Low	0.20	0.129	22.24	22.50	1.062	0.137	/
Hotspot																
ANT 2	3	Level 5	QPSK	Front Side	10	20050	1720	1	Mid	0.18	0.308	17.89	18.50	1.151	0.354	/

	3	Level 5				10	20050	1720	50	Mid	0.14	0.311	17.90	18.50	1.148	0.357	/	
	3	Level 5				Back Side	10	20050	1720	1	Mid	0.09	0.416	17.89	18.50	1.151	0.479	/
	3	Level 5					10	20050	1720	50	Mid	0.13	0.425	17.90	18.50	1.148	0.488	/
	3	Level 5				Left Edge	10	20050	1720	1	Mid	0.02	0.014	17.89	18.50	1.151	0.016	/
	3	Level 5					10	20050	1720	50	Mid	0.19	0.015	17.90	18.50	1.148	0.017	/
	3	Level 5				Right Edge	10	20050	1720	1	Mid	0.09	0.065	17.89	18.50	1.151	0.075	/
	3	Level 5					10	20050	1720	50	Mid	-0.16	0.068	17.90	18.50	1.148	0.078	/
	3	Level 5				Top Edge	10	20300	1745	1	Low	0.08	0.558	17.89	18.50	1.151	0.642	/
	3	Level 5					10	20050	1720	50	Mid	-0.13	0.572	17.90	18.50	1.148	0.657	18#
ANT 2	3	Level 6	QPSK	Front Side	10	20300	1745	1	Low	0.15	0.203	16.39	17.00	1.151	0.234	/		
	3	Level 6			10	20300	1745	50	High	-0.12	0.208	16.38	17.00	1.153	0.240	/		
	3	Level 6		Back Side	10	20300	1745	1	Mid	0.17	0.296	16.39	17.00	1.151	0.341	/		
	3	Level 6			10	20300	1745	50	Mid	-0.08	0.308	16.38	17.00	1.153	0.355	/		
	3	Level 6		Left Edge	10	20300	1745	1	Mid	-0.07	0.010	16.39	17.00	1.151	0.012	/		
	3	Level 6			10	20300	1745	50	Mid	-0.07	0.011	16.38	17.00	1.153	0.013	/		
	3	Level 6		Right Edge	10	20300	1745	1	Mid	0.01	0.050	16.39	17.00	1.151	0.058	/		
	3	Level 6			10	20300	1745	50	Mid	-0.05	0.048	16.38	17.00	1.153	0.055	/		
	3	Level 6		Top Edge	10	20300	1745	1	Mid	0.04	0.392	16.39	17.00	1.151	0.451	/		
	3	Level 6			10	20300	1745	50	Mid	0.18	0.399	16.38	17.00	1.153	0.460	/		
ANT 2	3	Level 7&8	QPSK	Front Side	10	20300	1745	1	Low	0.01	0.255	17.20	18.00	1.202	0.307	/		
	3	Level 7&8			10	20300	1745	50	Low	-0.16	0.262	17.19	18.00	1.205	0.316	/		
	3	Level 7&8		Back Side	10	20300	1745	1	Low	0.00	0.345	17.20	18.00	1.202	0.415	/		
	3	Level 7&8			10	20300	1745	50	Low	0.18	0.357	17.19	18.00	1.205	0.430	/		
	3	Level 7&8		Left Edge	10	20300	1745	1	Low	0.08	0.011	17.20	18.00	1.202	0.013	/		
	3	Level 7&8			10	20300	1745	50	Low	-0.11	0.013	17.19	18.00	1.205	0.016	/		
	3	Level 7&8		Right Edge	10	20300	1745	1	Low	0.02	0.052	17.20	18.00	1.202	0.063	/		
	3	Level 7&8			10	20300	1745	50	Low	-0.13	0.054	17.19	18.00	1.205	0.065	/		
	3	Level 7&8		Top Edge	10	20300	1745	1	Low	-0.02	0.445	17.20	18.00	1.202	0.535	/		
	3	Level 7&8			10	20300	1745	50	Low	-0.11	0.463	17.19	18.00	1.205	0.558	/		
ANT 3	3	Off	QPSK	Front Side	10	20300	1745	1	Low	0.09	0.085	23.15	23.50	1.084	0.092	/		
	3	Off			10	20300	1745	50	Low	-0.13	0.072	22.24	22.50	1.062	0.076	/		
	3	Off		Back Side	10	20300	1745	1	Low	0.18	0.094	23.15	23.50	1.084	0.102	/		
	3	Off			10	20300	1745	50	Low	-0.07	0.079	22.24	22.50	1.062	0.084	/		
	3	Off		Left Edge	10	20300	1745	1	Low	0.05	0.091	23.15	23.50	1.084	0.099	/		
	3	Off			10	20300	1745	50	Low	0.01	0.072	22.24	22.50	1.062	0.076	/		
	3	Off		Right Edge	10	20300	1745	1	Low	-0.15	0.008	23.15	23.50	1.084	0.009	/		
	3	Off			10	20300	1745	50	Low	0.10	0.007	22.24	22.50	1.062	0.007	/		
	3	Off		Top Edge	10	20300	1745	1	Low	0.15	0.155	23.15	23.50	1.084	0.168	/		
	3	Off			10	20300	1745	50	Low	0.03	0.129	22.24	22.50	1.062	0.137	/		
Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	10 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.		
Specific																		
ANT 2	3	Level 5	QPSK	Front Side	0	20050	1720	1	Mid	-0.17	1.100	17.89	18.50	1.151	1.266	/		
	3	Level 5			0	20050	1720	50	Mid	0.01	1.180	17.90	18.50	1.148	1.355	/		

	3	Level 5		Back Side	0	20050	1720	1	Mid	0.01	1.070	17.89	18.50	1.151	1.231	/
	3	Level 5			0	20050	1720	50	Mid	-0.04	1.130	17.90	18.50	1.148	1.297	/
	3	Level 5		Left Edge	0	20050	1720	1	Mid	0.12	0.144	17.89	18.50	1.151	0.166	/
	3	Level 5			0	20050	1720	50	Mid	-0.07	0.157	17.90	18.50	1.148	0.180	/
	3	Level 5		Right Edge	0	20050	1720	1	Mid	0.13	0.236	17.89	18.50	1.151	0.272	/
	3	Level 5			0	20050	1720	50	Mid	0.00	0.252	17.90	18.50	1.148	0.289	/
	3	Level 5		Top Edge	0	20300	1745	1	Low	0.09	1.390	17.89	18.50	1.151	1.600	/
	3	Level 5			0	20050	1720	50	Mid	0.16	1.470	17.90	18.50	1.148	1.688	19#
ANT 2	3	Level 6	QPSK	Front Side	0	20300	1745	1	Low	-0.18	0.774	16.39	17.00	1.151	0.891	/
	3	Level 6			0	20300	1745	50	High	0.02	0.792	16.38	17.00	1.153	0.914	/
	3	Level 6		Back Side	0	20300	1745	1	Mid	0.14	0.738	16.39	17.00	1.151	0.849	/
	3	Level 6			0	20300	1745	50	Mid	-0.18	0.745	16.38	17.00	1.153	0.859	/
	3	Level 6		Left Edge	0	20300	1745	1	Mid	-0.11	0.109	16.39	17.00	1.151	0.125	/
	3	Level 6			0	20300	1745	50	Mid	0.16	0.115	16.38	17.00	1.153	0.133	/
	3	Level 6		Right Edge	0	20300	1745	1	Mid	-0.02	0.172	16.39	17.00	1.151	0.198	/
	3	Level 6			0	20300	1745	50	Mid	-0.12	0.184	16.38	17.00	1.153	0.212	/
	3	Level 6		Top Edge	0	20300	1745	1	Mid	0.00	0.927	16.39	17.00	1.151	1.067	/
	3	Level 6			0	20300	1745	50	Mid	0.04	0.954	16.38	17.00	1.153	1.100	/
ANT 2	3	Level 7&8	QPSK	Front Side	0	20300	1745	1	Low	0.11	0.958	17.20	18.00	1.202	1.152	/
	3	Level 7&8			0	20300	1745	50	Low	-0.09	1.020	17.19	18.00	1.205	1.229	/
	3	Level 7&8		Back Side	0	20300	1745	1	Low	0.06	0.906	17.20	18.00	1.202	1.089	/
	3	Level 7&8			0	20300	1745	50	Low	-0.18	0.947	17.19	18.00	1.205	1.141	/
	3	Level 7&8		Left Edge	0	20300	1745	1	Low	0.11	0.135	17.20	18.00	1.202	0.162	/
	3	Level 7&8			0	20300	1745	50	Low	0.04	0.142	17.19	18.00	1.205	0.171	/
	3	Level 7&8		Right Edge	0	20300	1745	1	Low	-0.18	0.216	17.20	18.00	1.202	0.260	/
	3	Level 7&8			0	20300	1745	50	Low	-0.16	0.232	17.19	18.00	1.205	0.280	/
	3	Level 7&8		Top Edge	0	20300	1745	1	Low	0.10	1.180	17.20	18.00	1.202	1.419	/
	3	Level 7&8			0	20300	1745	50	Low	0.17	1.220	17.19	18.00	1.205	1.470	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.8LTE Band 5 (10MHz Bandwidth)

Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 0	3	Level 1	QPSK	Left Cheek	0	20600	844	1	Low	0.16	0.523	22.31	24.00	1.476	0.772	/
	3	Level 1			0	20600	844	25	Low	0.17	0.464	22.40	24.00	1.445	0.671	/
	3	Level 1		Left Tilt	0	20600	844	1	Low	0.19	0.105	22.31	24.00	1.476	0.155	/
	3	Level 1			0	20600	844	25	Low	0.16	0.072	22.40	24.00	1.445	0.104	/
	3	Level 1		Right Cheek	0	20600	844	1	Low	0.03	0.607	22.31	24.00	1.476	0.896	20#
	3	Level 1			0	20450	829	1	Mid	-0.09	0.557	22.27	24.00	1.489	0.830	/
	3	Level 1			0	20525	836.5	1	Mid	0.10	0.582	22.17	24.00	1.524	0.887	/
	3	Level 1			0	20600	844	25	Low	0.08	0.552	22.40	24.00	1.445	0.798	/
	3	Level 1			0	20525	836.5	100	Low	0.11	0.503	22.40	24.00	1.445	0.727	/
	3	Level 1														

	3	Level 1		Right Tilt	0	20600	844	1	Low	-0.01	0.124	22.31	24.00	1.476	0.183	/
	3	Level 1			0	20600	844	25	Low	-0.15	0.109	22.40	24.00	1.445	0.158	/
ANT 0	3	Level 2&3&4	QPSK	Left Cheek	0	20600	844	1	Mid	-0.12	0.283	20.87	22.00	1.297	0.367	/
	3	Level 2&3&4			0	20600	844	25	Mid	-0.17	0.276	20.90	22.00	1.288	0.356	/
	3	Level 2&3&4		Left Tilt	0	20600	844	1	Mid	0.12	0.057	20.87	22.00	1.297	0.074	/
	3	Level 2&3&4			0	20600	844	25	Mid	0.17	0.053	20.90	22.00	1.288	0.068	/
	3	Level 2&3&4		Right Cheek	0	20600	844	1	Mid	0.06	0.376	20.87	22.00	1.297	0.488	/
	3	Level 2&3&4			0	20600	844	25	Mid	-0.14	0.352	20.90	22.00	1.288	0.453	/
	3	Level 2&3&4		Right Tilt	0	20600	844	1	Mid	-0.16	0.074	20.87	22.00	1.297	0.096	/
	3	Level 2&3&4			0	20600	844	25	Mid	0.18	0.067	20.90	22.00	1.288	0.086	/
ANT 1	3	Off	QPSK	Left Cheek	0	20600	844	1	Low	0.06	0.247	22.73	24.50	1.503	0.371	/
	3	Off			0	20450	829	25	Mid	-0.11	0.203	22.81	24.50	1.476	0.300	/
	3	Off		Left Tilt	0	20600	844	1	Low	0.07	0.163	22.73	24.50	1.503	0.245	/
	3	Off			0	20450	829	25	Mid	-0.05	0.134	22.81	24.50	1.476	0.198	/
	3	Off		Right Cheek	0	20600	844	1	Low	-0.06	0.342	22.73	24.50	1.503	0.514	/
	3	Off			0	20450	829	25	Mid	0.03	0.285	22.81	24.50	1.476	0.421	/
	3	Off		Right Tilt	0	20600	844	1	Low	-0.07	0.180	22.73	24.50	1.503	0.271	/
	3	Off			0	20450	829	25	Mid	-0.09	0.146	22.81	24.50	1.476	0.215	/
Body-worn Accessory & Hotspot																
ANT 0	3	Level 5	QPSK	Front Side	10	20525	836.5	1	Mid	0.00	0.155	21.86	23.00	1.300	0.202	/
	3	Level 5			10	20450	829	25	Mid	0.16	0.148	21.89	23.00	1.291	0.191	/
	3	Level 5		Back Side	10	20525	836.5	1	Mid	0.04	0.420	21.66	23.00	1.361	0.572	/
	3	Level 5			10	20450	829	25	Mid	0.11	0.406	21.79	23.00	1.321	0.536	/
	3	Level 5		Left Edge	10	20525	836.5	1	Mid	0.06	0.010	21.86	23.00	1.300	0.013	/
	3	Level 5			10	20450	829	25	Mid	-0.10	0.009	21.89	23.00	1.291	0.012	/
	3	Level 5		Right Edge	10	20525	836.5	1	Mid	0.11	0.638	21.86	23.00	1.300	0.830	21#
	3	Level 5			10	20450	829	1	Low	0.05	0.618	21.75	23.00	1.334	0.824	/
	3	Level 5			10	20600	844	1	Low	0.20	0.622	21.78	23.00	1.324	0.824	/
	3	Level 5			10	20450	829	25	Mid	0.15	0.602	21.89	23.00	1.291	0.777	/
	3	Level 5			10	20450	829	100	Low	0.08	0.584	21.87	23.00	1.297	0.758	/
	3	Level 5		Top Edge	10	20525	836.5	1	Mid	0.08	0.022	21.86	23.00	1.300	0.029	/
3	Level 5	10	20450		829	25	Mid	0.18	0.020	21.89	23.00	1.291	0.026	/		
ANT 0	3	Level 6&7&8	QPSK	Front Side	10	20525	836.5	1	High	-0.20	0.124	20.70	21.50	1.202	0.149	/
	3	Level 6&7&8			10	20450	829	25	Low	-0.03	0.119	20.68	21.50	1.208	0.144	/
	3	Level 6&7&8		Back Side	10	20525	836.5	1	High	0.18	0.313	20.70	21.50	1.202	0.376	/
	3	Level 6&7&8			10	20450	829	25	Low	0.00	0.306	20.68	21.50	1.208	0.370	/
	3	Level 6&7&8		Left Edge	10	20525	836.5	1	High	0.07	0.008	20.70	21.50	1.202	0.010	/
	3	Level 6&7&8			10	20450	829	25	Low	0.01	0.007	20.68	21.50	1.208	0.008	/
	3	Level 6&7&8		Right Edge	10	20525	836.5	1	High	-0.09	0.474	20.70	21.50	1.202	0.570	/
	3	Level 6&7&8			10	20450	829	25	Low	0.06	0.462	20.68	21.50	1.208	0.558	/
	3	Level 6&7&8		Top Edge	10	20525	836.5	1	High	-0.01	0.013	20.70	21.50	1.202	0.016	/
	3	Level 6&7&8			10	20450	829	25	Low	-0.12	0.011	20.68	21.50	1.208	0.013	/
ANT 1	3	Level 5	QPSK	Front Side	10	20525	836.5	1	Mid	-0.19	0.475	21.86	23.00	1.300	0.618	/
	3	Level 5			10	20450	829	25	Mid	-0.17	0.443	21.89	23.00	1.291	0.572	/
	3	Level 5		Back Side	10	20525	836.5	1	Mid	0.10	0.611	21.86	23.00	1.300	0.794	/
	3	Level 5			10	20450	829	25	Mid	-0.08	0.584	21.89	23.00	1.291	0.754	/

	3	Level 5		Left Edge	10	20525	836.5	1	Mid	0.01	0.067	21.86	23.00	1.300	0.087	/
	3	Level 5			10	20450	829	25	Mid	0.10	0.052	21.89	23.00	1.291	0.067	/
	3	Level 5		Right Edge	10	20525	836.5	1	Mid	-0.09	0.032	21.86	23.00	1.300	0.042	/
	3	Level 5			10	20450	829	25	Mid	-0.08	0.028	21.89	23.00	1.291	0.036	/
	3	Level 5		Top Edge	10	20525	836.5	1	Mid	-0.08	0.464	21.86	23.00	1.300	0.603	/
	3	Level 5			10	20450	829	25	Mid	0.16	0.435	21.89	23.00	1.291	0.562	/
ANT 1	3	Level 6&7&8	QPSK	Front Side	10	20525	836.5	1	High	-0.08	0.368	20.70	21.50	1.202	0.442	/
	3	Level 6&7&8			10	20450	829	25	Low	0.00	0.337	20.68	21.50	1.208	0.407	/
	3	Level 6&7&8		Back Side	10	20525	836.5	1	High	0.03	0.452	20.70	21.50	1.202	0.543	/
	3	Level 6&7&8			10	20450	829	25	Low	-0.03	0.420	20.68	21.50	1.208	0.507	/
	3	Level 6&7&8		Left Edge	10	20525	836.5	1	High	0.07	0.048	20.70	21.50	1.202	0.058	/
	3	Level 6&7&8			10	20450	829	25	Low	0.07	0.032	20.68	21.50	1.208	0.039	/
	3	Level 6&7&8		Right Edge	10	20525	836.5	1	High	0.07	0.022	20.70	21.50	1.202	0.026	/
	3	Level 6&7&8			10	20450	829	25	Low	0.16	0.021	20.68	21.50	1.208	0.025	/
	3	Level 6&7&8		Top Edge	10	20525	836.5	1	High	-0.06	0.316	20.70	21.50	1.202	0.380	/
	3	Level 6&7&8			10	20450	829	25	Low	0.13	0.307	20.68	21.50	1.208	0.371	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.9LTE Band 7 (20MHz Bandwidth)

Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 2	3	Level 1	QPSK	Left Cheek	0	21100	2535	1	Low	0.07	0.455	14.51	16.00	1.409	0.641	/
	3	Level 1			0	21100	2535	50	High	-0.19	0.462	14.63	16.00	1.371	0.633	/
	3	Level 1		Left Tilt	0	21100	2535	1	Low	-0.01	0.603	14.51	16.00	1.409	0.850	/
	3	Level 1			0	20850	2510	1	High	-0.16	0.584	14.39	16.00	1.449	0.846	/
	3	Level 1			0	21350	2560	1	Low	0.07	0.563	14.32	16.00	1.472	0.829	/
	3	Level 1			0	21100	2535	50	High	0.15	0.627	14.63	16.00	1.371	0.860	/
	3	Level 1			0	20850	2510	50	High	-0.14	0.592	14.58	16.00	1.387	0.821	/
	3	Level 1			0	21350	2560	50	Mid	0.09	0.579	14.51	16.00	1.409	0.816	/
	3	Level 1			0	20850	2510	100	Low	0.19	0.583	14.56	16.00	1.393	0.812	/
	3	Level 1			0	21100	2535	1	Low	0.03	0.661	14.51	16.00	1.409	0.932	/
	3	Level 1		Right Cheek	0	20850	2510	1	High	-0.07	0.637	14.39	16.00	1.449	0.923	/
	3	Level 1			0	21350	2560	1	Low	0.18	0.614	14.32	16.00	1.472	0.904	/
	3	Level 1			0	21100	2535	50	High	-0.16	0.673	14.63	16.00	1.371	0.923	/
	3	Level 1			0	20850	2510	50	High	-0.01	0.649	14.58	16.00	1.387	0.900	/
	3	Level 1			0	21350	2560	50	Mid	0.18	0.622	14.51	16.00	1.409	0.877	/
	3	Level 1			0	20850	2510	100	Low	-0.13	0.648	14.56	16.00	1.393	0.903	/
	3	Level 1			0	21100	2535	1	Low	0.03	0.730	14.51	16.00	1.409	1.029	/
	3	Level 1			0	20850	2510	1	High	-0.06	0.712	14.39	16.00	1.449	1.032	/
	3	Level 1		Right Tilt	0	21350	2560	1	Low	-0.09	0.706	14.32	16.00	1.472	1.039	/
	3	Level 1			0	21100	2535	50	High	0.02	0.764	14.63	16.00	1.371	1.047	22#
	3	Level 1			0	20850	2510	50	High	-0.20	0.752	14.58	16.00	1.387	1.043	/
	3	Level 1			0	20850	2510	50	High	-0.20	0.752	14.58	16.00	1.387	1.043	/

	3	Level 1			0	21350	2560	50	Mid	0.01	0.738	14.51	16.00	1.409	1.040	/
	3	Level 1			0	20850	2510	100	Low	0.11	0.727	14.56	16.00	1.393	1.013	/
ANT 2	3	Level 2	QPSK	Left Cheek	0	21100	2535	1	High	0.00	0.232	11.50	13.00	1.413	0.328	/
	3	Level 2			0	21100	2535	50	Mid	-0.15	0.248	11.45	13.00	1.429	0.354	/
	3	Level 2		Left Tilt	0	21100	2535	1	High	-0.16	0.332	11.50	13.00	1.413	0.469	/
	3	Level 2			0	21100	2535	50	Mid	-0.09	0.339	11.45	13.00	1.429	0.484	/
	3	Level 2		Right Cheek	0	21100	2535	1	High	-0.10	0.307	11.50	13.00	1.413	0.434	/
	3	Level 2			0	21100	2535	50	Mid	-0.09	0.314	11.45	13.00	1.429	0.449	/
	3	Level 2		Right Tilt	0	21100	2535	1	High	-0.16	0.362	11.50	13.00	1.413	0.511	/
	3	Level 2			0	21100	2535	50	Mid	-0.03	0.375	11.45	13.00	1.429	0.536	/
	3	Level 2														
ANT 2	3	Level 3&4	QPSK	Left Cheek	0	21100	2535	1	Low	0.04	0.328	13.50	15.00	1.413	0.463	/
	3	Level 3&4			0	21100	2535	50	High	0.13	0.342	13.46	15.00	1.426	0.488	/
	3	Level 3&4		Left Tilt	0	21100	2535	1	Low	0.14	0.446	13.50	15.00	1.413	0.630	/
	3	Level 3&4			0	21100	2535	50	High	0.01	0.462	13.46	15.00	1.426	0.659	/
	3	Level 3&4		Right Cheek	0	21100	2535	1	Low	-0.17	0.484	13.50	15.00	1.413	0.684	/
	3	Level 3&4			0	21100	2535	50	High	0.11	0.501	13.46	15.00	1.426	0.714	/
	3	Level 3&4		Right Tilt	0	21100	2535	1	Low	-0.13	0.549	13.50	15.00	1.413	0.775	/
	3	Level 3&4			0	21100	2535	50	High	-0.02	0.552	13.46	15.00	1.426	0.787	/
ANT 0	3	Level 1	QPSK	Left Cheek	0	21100	2535	1	High	-0.17	0.269	17.74	19.00	1.337	0.360	/
	3	Level 1			0	21100	2535	50	High	0.02	0.285	17.62	19.00	1.374	0.392	/
	3	Level 1		Left Tilt	0	21100	2535	1	High	-0.15	0.069	17.74	19.00	1.337	0.092	/
	3	Level 1			0	21100	2535	50	High	0.08	0.073	17.62	19.00	1.374	0.100	/
	3	Level 1		Right Cheek	0	21100	2535	1	High	-0.05	0.709	17.74	19.00	1.337	0.948	/
	3	Level 1			0	20850	2510	1	Low	0.08	0.712	17.73	19.00	1.340	0.954	/
	3	Level 1			0	21350	2560	1	Mid	0.13	0.694	17.70	19.00	1.349	0.936	/
	3	Level 1			0	21100	2535	50	High	-0.14	0.724	17.62	19.00	1.374	0.995	/
	3	Level 1			0	20850	2510	50	High	-0.11	0.735	17.57	19.00	1.390	1.022	/
	3	Level 1			0	21350	2560	50	High	-0.12	0.708	17.60	19.00	1.380	0.977	/
	3	Level 1			0	21100	2510	100	Low	-0.12	0.715	17.71	19.00	1.346	0.962	/
	3	Level 1		Right Tilt	0	21100	2535	1	High	0.15	0.195	17.74	19.00	1.337	0.261	/
	3	Level 1			0	21100	2535	50	High	0.05	0.214	17.62	19.00	1.374	0.294	/
	3	Level 1														
	3	Level 1														
	3	Level 1														
ANT 0	3	Level 2&3&4	QPSK	Left Cheek	0	21100	2535	1	High	-0.20	0.192	16.51	17.50	1.256	0.241	/
	3	Level 2&3&4			0	21100	2535	50	Mid	0.14	0.199	16.52	17.50	1.253	0.249	/
	3	Level 2&3&4		Left Tilt	0	21100	2535	1	Mid	0.02	0.049	16.51	17.50	1.256	0.062	/
	3	Level 2&3&4			0	21100	2535	50	Mid	-0.13	0.052	16.52	17.50	1.253	0.065	/
	3	Level 2&3&4		Right Cheek	0	21100	2535	1	Mid	0.08	0.514	16.51	17.50	1.256	0.646	/
	3	Level 2&3&4			0	21100	2535	50	Mid	0.08	0.527	16.52	17.50	1.253	0.660	/
	3	Level 2&3&4		Right Tilt	0	21100	2535	1	Mid	0.00	0.139	16.51	17.50	1.256	0.175	/
	3	Level 2&3&4			0	21100	2535	50	Mid	-0.13	0.144	16.52	17.50	1.253	0.180	/
ANT 3	3	Off	QPSK	Left Cheek	0	21100	2535	1	Low	-0.19	0.084	23.65	25.00	1.365	0.115	/
	3	Off			0	21100	2535	50	High	0.08	0.061	22.70	24.00	1.349	0.082	/
	3	Off		Left Tilt	0	21100	2535	1	Low	-0.09	0.040	23.65	25.00	1.365	0.055	/
	3	Off			0	21100	2535	50	High	0.07	0.037	22.70	24.00	1.349	0.050	/
	3	Off		Right Cheek	0	21100	2535	1	Low	0.16	0.121	23.65	25.00	1.365	0.165	/
	3	Off			0	21100	2535	50	High	-0.03	0.099	22.70	24.00	1.349	0.134	/
	3	Off		Right Tilt	0	21100	2535	1	Low	-0.18	0.079	23.65	25.00	1.365	0.108	/

	3	Off			0	21100	2535	50	High	0.02	0.063	22.70	24.00	1.349	0.085	/
Head-CA																
ANT 2	3	Level 1	QPSK	Right Tilt	0	PCC2 1100 +SCC 21298	2535+ 2554.8	PC C1+ SC C2	High +Lo w	0.12	0.729	15.26	16.00	1.186	0.864	/
Body-worn Accessory & Hotspot																
ANT 2	3	Level 5	QPSK	Front Side	10	21100	2535	1	Low	-0.03	0.214	17.50	18.50	1.259	0.269	/
	3	Level 5			10	21350	2560	50	High	0.17	0.219	17.45	18.50	1.274	0.279	/
	3	Level 5		Back Side	10	21100	2535	1	Low	-0.09	0.298	17.50	18.50	1.259	0.375	/
	3	Level 5			10	21350	2560	50	High	0.18	0.305	17.45	18.50	1.274	0.388	/
	3	Level 5		Left Edge	10	21100	2535	1	Low	-0.09	0.014	17.50	18.50	1.259	0.018	/
	3	Level 5			10	21350	2560	50	High	-0.13	0.016	17.45	18.50	1.274	0.020	/
	3	Level 5		Right Edge	10	21100	2535	1	Low	0.13	0.053	17.50	18.50	1.259	0.067	/
	3	Level 5			10	21350	2560	50	High	0.19	0.057	17.45	18.50	1.274	0.073	/
	3	Level 5		Top Edge	10	21100	2535	1	Low	-0.12	0.533	17.50	18.50	1.259	0.671	/
	3	Level 5			10	21350	2560	50	High	0.18	0.568	17.45	18.50	1.274	0.723	/
ANT 2	3	Level 6	QPSK	Front Side	10	21350	2560	1	High	0.13	0.101	13.93	15.50	1.435	0.145	/
	3	Level 6			10	21100	2535	50	Mid	-0.17	0.104	13.89	15.50	1.449	0.151	/
	3	Level 6		Back Side	10	21350	2560	1	High	-0.15	0.142	13.93	15.50	1.435	0.204	/
	3	Level 6			10	21100	2535	50	Mid	0.07	0.152	13.89	15.50	1.449	0.220	/
	3	Level 6		Left Edge	10	21350	2560	1	High	0.03	0.007	13.93	15.50	1.435	0.010	/
	3	Level 6			10	21100	2535	50	Mid	0.04	0.007	13.89	15.50	1.449	0.010	/
	3	Level 6		Right Edge	10	21350	2560	1	High	-0.03	0.027	13.93	15.50	1.435	0.039	/
	3	Level 6			10	21100	2535	50	Mid	-0.09	0.029	13.89	15.50	1.449	0.042	/
	3	Level 6		Top Edge	10	21350	2560	1	High	0.04	0.289	13.93	15.50	1.435	0.415	/
	3	Level 6			10	21100	2535	50	Mid	-0.05	0.294	13.89	15.50	1.449	0.426	/
ANT 2	3	Level 7&8	QPSK	Front Side	10	21100	2535	1	Mid	0.18	0.140	14.85	16.50	1.462	0.205	/
	3	Level 7&8			10	21350	2560	50	Mid	-0.17	0.149	14.84	16.50	1.466	0.218	/
	3	Level 7&8		Back Side	10	21100	2535	1	Mid	0.04	0.179	14.85	16.50	1.462	0.262	/
	3	Level 7&8			10	21350	2560	50	Mid	0.10	0.185	14.84	16.50	1.466	0.271	/
	3	Level 7&8		Left Edge	10	21100	2535	1	Mid	-0.12	0.010	14.85	16.50	1.462	0.015	/
	3	Level 7&8			10	21350	2560	50	Mid	0.10	0.011	14.84	16.50	1.466	0.016	/
	3	Level 7&8		Right Edge	10	21100	2535	1	Mid	-0.07	0.034	14.85	16.50	1.462	0.050	/
	3	Level 7&8			10	21350	2560	50	Mid	-0.19	0.035	14.84	16.50	1.466	0.051	/
	3	Level 7&8		Top Edge	10	21100	2535	1	Mid	-0.15	0.322	14.85	16.50	1.462	0.471	/
	3	Level 7&8			10	21350	2560	50	Mid	-0.06	0.335	14.84	16.50	1.466	0.491	/
ANT 0	3	Level 5	QPSK	Front Side	10	21100	2535	1	Mid	-0.06	0.335	22.70	24.00	1.349	0.452	/
	3	Level 5			10	21350	2560	50	High	0.07	0.320	22.68	24.00	1.355	0.434	/
	3	Level 5		Back Side	10	21100	2535	1	Mid	-0.12	0.675	22.70	24.00	1.349	0.911	/
	3	Level 5			10	20850	2510	1	High	0.20	0.632	22.64	24.00	1.368	0.864	/
	3	Level 5			10	21350	2560	1	Mid	0.19	0.644	22.65	24.00	1.365	0.879	/
	3	Level 5			10	21350	2560	50	High	0.04	0.664	22.68	24.00	1.355	0.900	/
	3	Level 5			10	20850	2510	50	High	-0.02	0.648	22.58	24.00	1.387	0.899	/
	3	Level 5			10	21100	2535	50	High	0.13	0.693	22.60	24.00	1.380	0.957	23#
	3	Level 5			10	21100	2535	100	Low	-0.12	0.639	22.54	24.00	1.400	0.894	/

	3	Level 5		Left Edge	10	21100	2535	1	Mid	-0.18	0.006	22.70	24.00	1.349	0.008	/
	3	Level 5			10	21350	2560	50	High	-0.08	0.007	22.68	24.00	1.355	0.009	/
	3	Level 5		Right Edge	10	21100	2535	1	Mid	0.09	0.584	22.70	24.00	1.349	0.788	/
	3	Level 5			10	21350	2560	50	High	-0.05	0.579	22.68	24.00	1.355	0.785	/
	3	Level 5		Top Edge	10	21100	2535	1	Mid	0.01	0.061	22.70	24.00	1.349	0.082	/
	3	Level 5			10	21350	2560	50	High	0.05	0.067	22.68	24.00	1.355	0.091	/
ANT 0	3	Level 6	QPSK	Front Side	10	20850	2510	1	Low	-0.02	0.184	19.97	21.00	1.268	0.233	/
	3	Level 6			10	21100	2535	50	Low	0.13	0.192	19.95	21.00	1.274	0.245	/
	3	Level 6		Back Side	10	20850	2510	1	Low	-0.12	0.334	19.97	21.00	1.268	0.423	/
	3	Level 6			10	21100	2535	50	Low	-0.17	0.346	19.95	21.00	1.274	0.441	/
	3	Level 6		Left Edge	10	20850	2510	1	Low	-0.12	0.004	19.97	21.00	1.268	0.005	/
	3	Level 6			10	21100	2535	50	Low	0.09	0.005	19.95	21.00	1.274	0.006	/
	3	Level 6		Right Edge	10	20850	2510	1	Low	-0.20	0.286	19.97	21.00	1.268	0.363	/
	3	Level 6			10	21100	2535	50	Low	0.16	0.292	19.95	21.00	1.274	0.372	/
	3	Level 6		Top Edge	10	20850	2510	1	Low	0.11	0.032	19.97	21.00	1.268	0.041	/
	3	Level 6			10	21100	2535	50	Low	-0.08	0.037	19.95	21.00	1.274	0.047	/
ANT 0	3	Level 7&8	QPSK	Front Side	10	21100	2535	1	Low	0.17	0.222	20.68	22.00	1.355	0.301	/
	3	Level 7&8			10	21350	2560	50	Low	0.15	0.250	20.66	22.00	1.361	0.340	/
	3	Level 7&8		Back Side	10	21100	2535	1	Low	-0.04	0.415	20.68	22.00	1.355	0.562	/
	3	Level 7&8			10	21350	2560	50	Low	0.14	0.427	20.66	22.00	1.361	0.581	/
	3	Level 7&8		Left Edge	10	21100	2535	1	Low	0.02	0.005	20.68	22.00	1.355	0.007	/
	3	Level 7&8			10	21350	2560	50	Low	-0.12	0.006	20.66	22.00	1.361	0.008	/
	3	Level 7&8		Right Edge	10	21100	2535	1	Low	-0.08	0.365	20.68	22.00	1.355	0.495	/
	3	Level 7&8			10	21350	2560	50	Low	-0.11	0.372	20.66	22.00	1.361	0.506	/
	3	Level 7&8		Top Edge	10	21100	2535	1	Low	-0.06	0.040	20.68	22.00	1.355	0.054	/
	3	Level 7&8			10	21350	2560	50	Low	-0.06	0.043	20.66	22.00	1.361	0.059	/
ANT 3	3	Level 5	QPSK	Front Side	10	21100	2535	1	Mid	0.05	0.324	22.70	24.00	1.349	0.437	/
	3	Level 5			10	21350	2560	50	High	0.10	0.313	22.68	24.00	1.355	0.424	/
	3	Level 5		Back Side	10	21100	2535	1	Mid	-0.10	0.346	22.70	24.00	1.349	0.467	/
	3	Level 5			10	21350	2560	50	High	-0.07	0.328	22.68	24.00	1.355	0.445	/
	3	Level 5		Left Edge	10	21100	2535	1	Mid	0.03	0.365	22.70	24.00	1.349	0.492	/
	3	Level 5			10	21350	2560	50	High	-0.18	0.347	22.68	24.00	1.355	0.470	/
	3	Level 5		Right Edge	10	21100	2535	1	Mid	-0.02	0.009	22.70	24.00	1.349	0.012	/
	3	Level 5			10	21350	2560	50	High	0.10	0.008	22.68	24.00	1.355	0.011	/
	3	Level 5		Top Edge	10	21100	2535	1	Mid	-0.14	0.187	22.70	24.00	1.349	0.252	/
	3	Level 5			10	21350	2560	50	High	-0.10	0.184	22.68	24.00	1.355	0.249	/
ANT 3	3	Level 6&7&8	QPSK	Front Side	10	21100	2535	1	Low	-0.09	0.200	20.68	22.00	1.355	0.271	/
	3	Level 6&7&8			10	21350	2560	50	Low	0.17	0.198	20.66	22.00	1.361	0.270	/
	3	Level 6&7&8		Back Side	10	21100	2535	1	Low	0.13	0.226	20.68	22.00	1.355	0.306	/
	3	Level 6&7&8			10	21350	2560	50	Low	0.17	0.213	20.66	22.00	1.361	0.290	/
	3	Level 6&7&8		Left Edge	10	21100	2535	1	Low	0.11	0.328	20.68	22.00	1.355	0.445	/
	3	Level 6&7&8			10	21350	2560	50	Low	0.04	0.356	20.66	22.00	1.361	0.485	/
	3	Level 6&7&8		Right Edge	10	21100	2535	1	Low	0.14	0.006	20.68	22.00	1.355	0.008	/
	3	Level 6&7&8			10	21350	2560	50	Low	-0.15	0.005	20.66	22.00	1.361	0.007	/
	3	Level 6&7&8		Top Edge	10	21100	2535	1	Low	0.14	0.118	20.68	22.00	1.355	0.160	/
	3	Level 6&7&8			10	21350	2560	50	Low	-0.11	0.113	20.66	22.00	1.361	0.154	/

Body-worn Accessory & Hotspot -CA																
ANT 0	3	Level 5	QPSK	Back Side	0	PCC2 1100 +SCC 21298	2535+ 2554.8	PC C1+ SC C2	High +Low	0.13	0.641	23.67	24.00	1.079	0.692	/
Antenna	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	10 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																
ANT 2	3	Level 5	QPSK	Front Side	0	21100	2535	1	Low	0.03	0.572	17.50	18.50	1.259	0.720	/
	3	Level 5			0	21350	2560	50	High	0.09	0.588	17.45	18.50	1.274	0.749	/
	3	Level 5		Back Side	0	21100	2535	1	Low	-0.18	0.513	17.50	18.50	1.259	0.646	/
	3	Level 5			0	21350	2560	50	High	-0.12	0.520	17.45	18.50	1.274	0.662	/
	3	Level 5		Left Edge	0	21100	2535	1	Low	-0.03	0.028	17.50	18.50	1.259	0.035	/
	3	Level 5			0	21350	2560	50	High	0.01	0.031	17.45	18.50	1.274	0.039	/
	3	Level 5		Right Edge	0	21100	2535	1	Low	0.16	0.103	17.50	18.50	1.259	0.130	/
	3	Level 5			0	21350	2560	50	High	0.00	0.110	17.45	18.50	1.274	0.140	/
	3	Level 5		Top Edge	0	21100	2535	1	Low	0.04	0.892	17.50	18.50	1.259	1.123	/
	3	Level 5			0	21350	2560	50	High	0.06	0.904	17.45	18.50	1.274	1.151	24#
ANT 2	3	Level 6	QPSK	Front Side	0	21350	2560	1	High	-0.05	0.312	13.93	15.50	1.435	0.448	/
	3	Level 6			0	21100	2535	50	Mid	-0.04	0.326	13.89	15.50	1.449	0.472	/
	3	Level 6		Back Side	0	21350	2560	1	High	0.15	0.254	13.93	15.50	1.435	0.365	/
	3	Level 6			0	21100	2535	50	Mid	-0.11	0.263	13.89	15.50	1.449	0.381	/
	3	Level 6		Left Edge	0	21350	2560	1	High	0.19	0.013	13.93	15.50	1.435	0.019	/
	3	Level 6			0	21100	2535	50	Mid	-0.05	0.014	13.89	15.50	1.449	0.020	/
	3	Level 6		Right Edge	0	21350	2560	1	High	0.19	0.057	13.93	15.50	1.435	0.082	/
	3	Level 6			0	21100	2535	50	Mid	-0.16	0.061	13.89	15.50	1.449	0.088	/
	3	Level 6		Top Edge	0	21350	2560	1	High	-0.08	0.433	13.93	15.50	1.435	0.622	/
	3	Level 6			0	21100	2535	50	Mid	-0.20	0.458	13.89	15.50	1.449	0.664	/
ANT 2	3	Level 7&8	QPSK	Front Side	0	21100	2535	1	Mid	0.16	0.375	14.85	16.50	1.462	0.548	/
	3	Level 7&8			0	21350	2560	50	Mid	-0.10	0.388	14.84	16.50	1.466	0.569	/
	3	Level 7&8		Back Side	0	21100	2535	1	Mid	0.08	0.313	14.85	16.50	1.462	0.458	/
	3	Level 7&8			0	21350	2560	50	Mid	0.17	0.320	14.84	16.50	1.466	0.469	/
	3	Level 7&8		Left Edge	0	21100	2535	1	Mid	0.04	0.019	14.85	16.50	1.462	0.028	/
	3	Level 7&8			0	21350	2560	50	Mid	0.07	0.020	14.84	16.50	1.466	0.029	/
	3	Level 7&8		Right Edge	0	21100	2535	1	Mid	-0.01	0.062	14.85	16.50	1.462	0.091	/
	3	Level 7&8			0	21350	2560	50	Mid	0.06	0.068	14.84	16.50	1.466	0.100	/
	3	Level 7&8		Top Edge	0	21100	2535	1	Mid	0.14	0.573	14.85	16.50	1.462	0.838	/
	3	Level 7&8			0	21350	2560	50	Mid	-0.16	0.588	14.84	16.50	1.466	0.862	/
Specific-CA																
ANT 2	3	Level 5	QPSK	Top Edge	0	PCC2 1350 +SCC 21152	2560+ 2540.2	PC C1+ SC C2	High +Low	0.06	0.818	17.94	18.50	1.138	0.931	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.10 LTE Band 12 (10MHz Bandwidth)

Antenna	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 0	3	Off	QPSK	Left Cheek	0	23130	711	1	Low	-0.08	0.498	22.62	24.00	1.374	0.684	/
	3	Off			0	23060	704	25	Mid	-0.18	0.482	22.51	24.00	1.409	0.679	/
	3	Off		Left Tilt	0	23130	711	1	Low	-0.05	0.094	22.62	24.00	1.374	0.129	/
	3	Off			0	23060	704	25	Mid	-0.10	0.089	22.51	24.00	1.409	0.125	/
	3	Off		Right Cheek	0	23130	711	1	Low	0.14	0.572	22.62	24.00	1.374	0.786	/
	3	Off			0	23060	704	1	High	0.18	0.569	22.61	24.00	1.377	0.784	/
	3	Off			0	23095	707.5	1	Mid	0.07	0.548	22.55	24.00	1.396	0.765	/
	3	Off			0	23060	704	25	Mid	-0.02	0.592	22.51	24.00	1.409	0.834	/
	3	Off			0	23095	707.5	25	High	0.12	0.576	22.49	24.00	1.416	0.815	/
	3	Off			0	23130	711	25	Low	0.10	0.609	22.48	24.00	1.419	0.864	25#
	3	Off			0	23060	704	50	Low	-0.16	0.524	22.50	24.00	1.413	0.740	/
	3	Off		Right Tilt	0	23130	711	1	Low	-0.01	0.112	22.62	24.00	1.374	0.154	/
	3	Off			0	23060	704	25	Mid	-0.19	0.108	22.51	24.00	1.409	0.152	/
ANT 0	3	Level 2&3&4	QPSK	Left Cheek	0	23060	704	1	Low	0.17	0.324	20.90	22.00	1.288	0.417	/
	3	Level 2&3&4			0	23130	711	25	High	-0.05	0.319	20.83	22.00	1.309	0.418	/
	3	Level 2&3&4		Left Tilt	0	23060	704	1	Low	0.20	0.063	20.90	22.00	1.288	0.081	/
	3	Level 2&3&4			0	23130	711	25	High	0.18	0.058	20.83	22.00	1.309	0.076	/
	3	Level 2&3&4		Right Cheek	0	23060	704	1	Low	0.13	0.392	20.90	22.00	1.288	0.505	/
	3	Level 2&3&4			0	23130	711	25	High	0.16	0.376	20.83	22.00	1.309	0.492	/
	3	Level 2&3&4		Right Tilt	0	23060	704	1	Low	0.09	0.074	20.90	22.00	1.288	0.095	/
	3	Level 2&3&4			0	23130	711	25	High	0.16	0.071	20.83	22.00	1.309	0.093	/
ANT 1	3	Off	QPSK	Left Cheek	0	23130	711	1	Low	-0.03	0.228	22.62	24.00	1.374	0.313	/
	3	Off			0	23060	704	25	Mid	-0.03	0.174	22.51	24.00	1.409	0.245	/
	3	Off		Left Tilt	0	23130	711	1	Low	0.00	0.152	22.62	24.00	1.374	0.209	/
	3	Off			0	23060	704	25	Mid	0.09	0.116	22.51	24.00	1.409	0.163	/
	3	Off		Right Cheek	0	23130	711	1	Low	-0.17	0.318	22.62	24.00	1.374	0.437	/
	3	Off			0	23060	704	25	Mid	-0.15	0.263	22.51	24.00	1.409	0.371	/
	3	Off		Right Tilt	0	23130	711	1	Low	-0.07	0.140	22.62	24.00	1.374	0.192	/
	3	Off			0	23060	704	25	Mid	0.02	0.114	22.51	24.00	1.409	0.161	/
Body-worn Accessory & Hotspot																
ANT 0	3	Level 5	QPSK	Front Side	10	23060	704	1	High	0.00	0.187	21.66	23.00	1.361	0.255	/
	3	Level 5			10	23060	704	25	Low	-0.17	0.184	21.69	23.00	1.352	0.249	/
	3	Level 5		Back Side	10	23060	704	1	High	0.14	0.279	21.66	23.00	1.361	0.380	/
	3	Level 5			10	23060	704	25	Low	-0.14	0.265	21.69	23.00	1.352	0.358	/
	3	Level 5		Left Edge	10	23060	704	1	High	-0.05	0.004	21.66	23.00	1.361	0.005	/
	3	Level 5			10	23060	704	25	Low	0.04	0.004	21.69	23.00	1.352	0.005	/
	3	Level 5		Right Edge	10	23060	704	1	High	0.02	0.275	21.66	23.00	1.361	0.374	/

	3	Level 5		Top Edge	10	23060	704	25	Low	0.02	0.272	21.69	23.00	1.352	0.368	/
	3	Level 5			10	23060	704	1	High	0.05	0.027	21.66	23.00	1.361	0.037	/
	3	Level 5			10	23060	704	25	Low	-0.15	0.025	21.69	23.00	1.352	0.034	/
ANT 0	3	Level 6&7&8	QPSK	Front Side	10	23130	711	1	High	0.03	0.126	19.98	21.00	1.265	0.159	/
	3	Level 6&7&8			10	23095	707.5	25	Mid	0.00	0.120	19.97	21.00	1.268	0.152	/
	3	Level 6&7&8		Back Side	10	23130	711	1	High	0.00	0.203	19.98	21.00	1.265	0.257	/
	3	Level 6&7&8			10	23095	707.5	25	Mid	-0.04	0.192	19.97	21.00	1.268	0.243	/
	3	Level 6&7&8		Left Edge	10	23130	711	1	High	-0.15	0.003	19.98	21.00	1.265	0.004	/
	3	Level 6&7&8			10	23095	707.5	25	Mid	0.02	0.003	19.97	21.00	1.268	0.004	/
	3	Level 6&7&8		Right Edge	10	23130	711	1	High	-0.07	0.165	19.98	21.00	1.265	0.209	/
	3	Level 6&7&8			10	23095	707.5	25	Mid	-0.14	0.163	19.97	21.00	1.268	0.207	/
	3	Level 6&7&8		Top Edge	10	23130	711	1	High	0.08	0.018	19.98	21.00	1.265	0.023	/
	3	Level 6&7&8			10	23095	707.5	25	Mid	-0.04	0.016	19.97	21.00	1.268	0.020	/
ANT 1	3	Off	QPSK	Front Side	10	23130	711	1	Low	-0.08	0.343	22.62	24.00	1.374	0.471	/
	3	Off			10	23060	704	25	Mid	0.11	0.339	22.51	24.00	1.409	0.478	/
	3	Off		Back Side	10	23130	711	1	Low	0.04	0.419	22.62	24.00	1.374	0.576	/
	3	Off			10	23060	704	25	Mid	-0.18	0.404	22.51	24.00	1.409	0.569	/
	3	Off		Left Edge	10	23130	711	1	Low	0.02	0.135	22.62	24.00	1.374	0.185	/
	3	Off			10	23060	704	25	Mid	-0.13	0.128	22.51	24.00	1.409	0.180	/
	3	Off		Right Edge	10	23130	711	1	Low	-0.09	0.031	22.62	24.00	1.374	0.043	/
	3	Off			10	23060	704	25	Mid	0.15	0.029	22.51	24.00	1.409	0.041	/
	3	Off		Top Edge	10	23130	711	1	Low	0.03	0.435	22.62	24.00	1.374	0.598	26#
	3	Off			10	23060	704	25	Mid	-0.13	0.417	22.51	24.00	1.409	0.588	/
ANT 1	3	Level 6&7&8	QPSK	Front Side	10	23130	711	1	High	-0.05	0.232	20.36	21.50	1.300	0.302	/
	3	Level 6&7&8			10	23130	711	25	Mid	-0.20	0.230	20.36	21.50	1.300	0.299	/
	3	Level 6&7&8		Back Side	10	23130	711	1	High	-0.04	0.265	20.36	21.50	1.300	0.345	/
	3	Level 6&7&8			10	23130	711	25	Mid	-0.13	0.257	20.36	21.50	1.300	0.334	/
	3	Level 6&7&8		Left Edge	10	23130	711	1	High	0.03	0.085	20.36	21.50	1.300	0.111	/
	3	Level 6&7&8			10	23130	711	25	Mid	0.13	0.082	20.36	21.50	1.300	0.107	/
	3	Level 6&7&8		Right Edge	10	23130	711	1	High	0.04	0.020	20.36	21.50	1.300	0.026	/
	3	Level 6&7&8			10	23130	711	25	Mid	0.03	0.018	20.36	21.50	1.300	0.023	/
	3	Level 6&7&8		Top Edge	10	23130	711	1	High	0.03	0.275	20.36	21.50	1.300	0.358	/
	3	Level 6&7&8			10	23130	711	25	Mid	0.10	0.272	20.36	21.50	1.300	0.354	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

10.11 LTE Band 17 (10MHz Bandwidth)

Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 0	3	Off	QPSK	Left Cheek	0	23790	710	1	Mid	-0.09	0.487	22.57	24.30	1.489	0.725	/
	3	Off			0	23790	710	25	High	0.13	0.475	22.52	24.30	1.507	0.716	/
	3	Off		Left Tilt	0	23790	710	1	Mid	0.06	0.103	22.57	24.30	1.489	0.153	/
	3	Off			0	23790	710	25	High	-0.12	0.095	22.52	24.30	1.507	0.143	/
	3	Off		Right Cheek	0	23790	710	1	Mid	0.10	0.624	22.57	24.30	1.489	0.929	27#
	3	Off			0	23789	709	1	Mid	-0.13	0.618	22.55	24.30	1.496	0.925	/
	3	Off			0	23800	711	1	Mid	-0.11	0.607	22.51	24.30	1.510	0.917	/
	3	Off			0	23790	710	25	High	0.02	0.616	22.52	24.30	1.507	0.928	/
	3	Off			0	23789	709	25	Mid	0.04	0.603	22.49	24.30	1.517	0.915	/
	3	Off			0	23800	711	25	High	-0.05	0.592	22.48	24.30	1.521	0.900	/
	3	Off			0	23789	709	50	Low	0.01	0.594	22.46	24.30	1.528	0.907	/
	3	Off		Right Tilt	0	23790	710	1	Mid	-0.18	0.128	22.57	24.30	1.489	0.191	/
	3	Off			0	23790	710	25	High	-0.08	0.122	22.52	24.30	1.507	0.184	/
	ANT 0	3		Level 2&3&4	QPSK	Left Cheek	0	23800	711	1	Mid	-0.06	0.286	20.90	21.80	1.230
3		Level 2&3&4	0	23800			711	25	Low	0.17	0.284	20.85	21.80	1.245	0.353	/
3		Level 2&3&4	Left Tilt	0		23800	711	1	Mid	-0.14	0.059	20.90	21.80	1.230	0.073	/
3		Level 2&3&4		0		23800	711	25	Low	0.01	0.057	20.85	21.80	1.245	0.071	/
3		Level 2&3&4	Right Cheek	0		23800	711	1	Mid	-0.02	0.363	20.90	21.80	1.230	0.447	/
3		Level 2&3&4		0		23800	711	25	Low	0.18	0.359	20.85	21.80	1.245	0.447	/
3		Level 2&3&4	Right Tilt	0		23800	711	1	Mid	0.05	0.074	20.90	21.80	1.230	0.091	/
3		Level 2&3&4		0		23800	711	25	Low	-0.12	0.073	20.85	21.80	1.245	0.091	/
ANT 1	3	Off	QPSK	Left Cheek	0	23790	710	1	Mid	-0.08	0.208	22.57	24.30	1.489	0.310	/
	3	Off			0	23790	710	25	High	-0.08	0.167	22.52	24.30	1.507	0.252	/
	3	Off		Left Tilt	0	23790	710	1	Mid	0.16	0.158	22.57	24.30	1.489	0.235	/
	3	Off			0	23790	710	25	High	0.01	0.132	22.52	24.30	1.507	0.199	/
	3	Off		Right Cheek	0	23790	710	1	Mid	0.04	0.304	22.57	24.30	1.489	0.453	/
	3	Off			0	23790	710	25	High	-0.04	0.238	22.52	24.30	1.507	0.359	/
	3	Off		Right Tilt	0	23790	710	1	Mid	0.15	0.169	22.57	24.30	1.489	0.252	/
	3	Off			0	23790	710	25	High	0.02	0.126	22.52	24.30	1.507	0.190	/
Body-worn Accessory & Hotspot																
ANT 0	3	Level 5	QPSK	Front Side	10	23800	711	1	High	-0.08	0.214	21.50	22.80	1.349	0.289	/
	3	Level 5			10	23790	710	25	High	-0.01	0.212	21.49	22.80	1.352	0.287	/
	3	Level 5		Back Side	10	23800	711	1	High	0.06	0.363	21.50	22.80	1.349	0.490	/
	3	Level 5			10	23790	710	25	High	0.06	0.358	21.49	22.80	1.352	0.484	/
	3	Level 5		Left Edge	10	23800	711	1	High	-0.17	0.006	21.50	22.80	1.349	0.008	/
	3	Level 5			10	23790	710	25	High	0.02	0.005	21.49	22.80	1.352	0.007	/
	3	Level 5		Right Edge	10	23800	711	1	High	0.07	0.341	21.50	22.80	1.349	0.460	/
	3	Level 5			10	23790	710	25	High	-0.07	0.338	21.49	22.80	1.352	0.457	/
	3	Level 5		Top Edge	10	23800	711	1	High	-0.20	0.016	21.50	22.80	1.349	0.022	/

	3	Level 5			10	23790	710	25	High	0.00	0.015	21.49	22.80	1.352	0.020	/
ANT 0	3	Level 6&7&8	QPSK	Front Side	10	23800	711	1	Mid	0.20	0.168	20.00	21.30	1.349	0.227	/
	3	Level 6&7&8			10	23800	711	25	High	0.19	0.161	19.92	21.30	1.374	0.221	/
	3	Level 6&7&8		Back Side	10	23800	711	1	Mid	-0.04	0.274	20.00	21.30	1.349	0.370	/
	3	Level 6&7&8			10	23800	711	25	High	-0.05	0.268	19.92	21.30	1.374	0.368	/
	3	Level 6&7&8		Left Edge	10	23800	711	1	Mid	0.20	0.005	20.00	21.30	1.349	0.007	/
	3	Level 6&7&8			10	23800	711	25	High	0.14	0.005	19.92	21.30	1.374	0.007	/
	3	Level 6&7&8		Right Edge	10	23800	711	1	Mid	-0.05	0.236	20.00	21.30	1.349	0.318	/
	3	Level 6&7&8			10	23800	711	25	High	-0.06	0.232	19.92	21.30	1.374	0.319	/
	3	Level 6&7&8		Top Edge	10	23800	711	1	Mid	-0.05	0.010	20.00	21.30	1.349	0.013	/
	3	Level 6&7&8			10	23800	711	25	High	0.15	0.011	19.92	21.30	1.374	0.015	/
ANT 1	3	Off	QPSK	Front Side	10	23790	710	1	Mid	-0.19	0.426	22.57	24.30	1.489	0.634	/
	3	Off			10	23790	710	25	High	-0.05	0.415	22.52	24.30	1.507	0.625	/
	3	Off		Back Side	10	23790	710	1	Mid	-0.02	0.453	22.57	24.30	1.489	0.675	28#
	3	Off			10	23790	710	25	High	0.06	0.442	22.52	24.30	1.507	0.666	/
	3	Off		Left Edge	10	23790	710	1	Mid	0.15	0.184	22.57	24.30	1.489	0.274	/
	3	Off			10	23790	710	25	High	-0.16	0.178	22.52	24.30	1.507	0.268	/
	3	Off		Right Edge	10	23790	710	1	Mid	0.14	0.045	22.57	24.30	1.489	0.067	/
	3	Off			10	23790	710	25	High	0.18	0.042	22.52	24.30	1.507	0.063	/
	3	Off		Top Edge	10	23790	710	1	Mid	0.02	0.451	22.57	24.30	1.489	0.672	/
	3	Off			10	23790	710	25	High	-0.20	0.439	22.52	24.30	1.507	0.661	/
ANT 1	3	Level 6&7&8	QPSK	Front Side	10	23800	711	1	Mid	-0.17	0.242	20.90	21.80	1.230	0.298	/
	3	Level 6&7&8			10	23800	711	25	Low	-0.09	0.238	20.85	21.80	1.245	0.296	/
	3	Level 6&7&8		Back Side	10	23800	711	1	Mid	0.10	0.276	20.90	21.80	1.230	0.340	/
	3	Level 6&7&8			10	23800	711	25	Low	-0.11	0.259	20.85	21.80	1.245	0.322	/
	3	Level 6&7&8		Left Edge	10	23800	711	1	Mid	-0.01	0.110	20.90	21.80	1.230	0.135	/
	3	Level 6&7&8			10	23800	711	25	Low	0.10	0.104	20.85	21.80	1.245	0.129	/
	3	Level 6&7&8		Right Edge	10	23800	711	1	Mid	-0.06	0.023	20.90	21.80	1.230	0.028	/
	3	Level 6&7&8			10	23800	711	25	Low	-0.19	0.021	20.85	21.80	1.245	0.026	/
	3	Level 6&7&8		Top Edge	10	23800	711	1	Mid	0.04	0.245	20.90	21.80	1.230	0.301	/
	3	Level 6&7&8			10	23800	711	25	Low	0.07	0.239	20.85	21.80	1.245	0.297	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.12 LTE Band 26 (15MHz Bandwidth)

Antenna	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 0	3	Off	QPSK	Left Cheek	0	26965	841.5	1	Low	0.17	0.274	23.61	24.00	1.094	0.300	/
	3	Off			0	26865	831.5	36	High	0.11	0.207	22.74	23.00	1.062	0.220	/
	3	Off		Left Tilt	0	26965	841.5	1	Low	0.10	0.059	23.61	24.00	1.094	0.065	/
	3	Off			0	26865	831.5	36	High	-0.11	0.045	22.74	23.00	1.062	0.048	/
	3	Off		Right Cheek	0	26965	841.5	1	Low	0.12	0.318	23.61	24.00	1.094	0.348	29#
	3	Off			0	26865	831.5	36	High	0.16	0.258	22.74	23.00	1.062	0.274	/
	3	Off		Right Tilt	0	26965	841.5	1	Low	-0.16	0.064	23.61	24.00	1.094	0.070	/
	3	Off			0	26865	831.5	36	High	0.16	0.052	22.74	23.00	1.062	0.055	/
ANT 1	3	Off	QPSK	Left Cheek	0	26965	841.5	1	Low	0.00	0.121	23.61	24.00	1.094	0.132	/
	3	Off			0	26865	831.5	36	High	-0.13	0.092	22.74	23.00	1.062	0.098	/
	3	Off		Left Tilt	0	26965	841.5	1	Low	-0.15	0.074	23.61	24.00	1.094	0.081	/
	3	Off			0	26865	831.5	36	High	-0.03	0.053	22.74	23.00	1.062	0.056	/
	3	Off		Right Cheek	0	26965	841.5	1	Low	0.04	0.138	23.61	24.00	1.094	0.151	/
	3	Off			0	26865	831.5	36	High	-0.09	0.113	22.74	23.00	1.062	0.120	/
	3	Off		Right Tilt	0	26965	841.5	1	Low	-0.05	0.076	23.61	24.00	1.094	0.083	/
	3	Off			0	26865	831.5	36	High	-0.04	0.062	22.74	23.00	1.062	0.066	/
Body-worn Accessory & Hotspot																
ANT 0	3	Off	QPSK	Front Side	10	26965	841.5	1	Low	0.18	0.078	23.61	24.00	1.094	0.085	/
	3	Off			10	26865	831.5	36	High	-0.15	0.061	22.74	23.00	1.062	0.065	/
	3	Off		Back Side	10	26965	841.5	1	Low	0.19	0.112	23.61	24.00	1.094	0.123	/
	3	Off			10	26865	831.5	36	High	-0.13	0.084	22.74	23.00	1.062	0.089	/
	3	Off		Left Edge	10	26965	841.5	1	Low	-0.03	0.003	23.61	24.00	1.094	0.003	/
	3	Off			10	26865	831.5	36	High	-0.02	0.002	22.74	23.00	1.062	0.002	/
	3	Off		Right Edge	10	26965	841.5	1	Low	-0.02	0.134	23.61	24.00	1.094	0.147	/
	3	Off			10	26865	831.5	36	High	-0.15	0.110	22.74	23.00	1.062	0.117	/
	3	Off		Top Edge	10	26965	841.5	1	Low	0.09	0.006	23.61	24.00	1.094	0.007	/
	3	Off			10	26865	831.5	36	High	0.05	0.005	22.74	23.00	1.062	0.005	/
ANT 1	3	Off	QPSK	Front Side	10	26965	841.5	1	Low	-0.18	0.121	23.61	24.00	1.094	0.132	/
	3	Off			10	26865	831.5	36	High	-0.20	0.092	22.74	23.00	1.062	0.098	/
	3	Off		Back Side	10	26965	841.5	1	Low	0.02	0.148	23.61	24.00	1.094	0.162	30#
	3	Off			10	26865	831.5	36	High	0.11	0.116	22.74	23.00	1.062	0.123	/
	3	Off		Left Edge	10	26965	841.5	1	Low	-0.06	0.114	23.61	24.00	1.094	0.125	/
	3	Off			10	26865	831.5	36	High	-0.12	0.093	22.74	23.00	1.062	0.099	/
	3	Off		Right Edge	10	26965	841.5	1	Low	-0.01	0.005	23.61	24.00	1.094	0.005	/
	3	Off			10	26865	831.5	36	High	0.02	0.003	22.74	23.00	1.062	0.003	/
	3	Off		Top Edge	10	26965	841.5	1	Low	0.17	0.106	23.61	24.00	1.094	0.116	/
	3	Off			10	26865	831.5	36	High	-0.11	0.087	22.74	23.00	1.062	0.092	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

10.13 LTE Band 38 (20MHz Bandwidth)

Antenna	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 2	3	Level 1	QPSK	Left Cheek	0	38150	2610	1	Low	-0.03	0.182	15.02	16.00	1.253	0.228	/
	3	Level 1			0	37850	2580	50	Mid	0.12	0.189	15.06	16.00	1.242	0.235	/
	3	Level 1		Left Tilt	0	38150	2610	1	Low	-0.12	0.402	15.02	16.00	1.253	0.504	/
	3	Level 1			0	37850	2580	50	Mid	-0.05	0.416	15.06	16.00	1.242	0.517	/
	3	Level 1		Right Cheek	0	38150	2610	1	Low	-0.16	0.575	15.02	16.00	1.253	0.721	/
	3	Level 1			0	37850	2580	50	Mid	0.00	0.584	15.06	16.00	1.242	0.725	/
	3	Level 1		Right Tilt	0	38150	2610	1	Low	-0.05	0.613	15.02	16.00	1.253	0.768	/
	3	Level 1			0	37850	2580	50	Mid	-0.12	0.630	15.06	16.00	1.242	0.782	/
ANT 2	3	Level 2	QPSK	Left Cheek	0	38000	2595	1	Mid	-0.20	0.134	13.07	14.50	1.390	0.186	/
	3	Level 2			0	37850	2580	50	Low	-0.14	0.140	13.09	14.50	1.384	0.194	/
	3	Level 2		Left Tilt	0	38000	2595	1	Mid	0.06	0.276	13.07	14.50	1.390	0.384	/
	3	Level 2			0	37850	2580	50	Low	-0.19	0.286	13.09	14.50	1.384	0.396	/
	3	Level 2		Right Cheek	0	38000	2595	1	Mid	0.14	0.394	13.07	14.50	1.390	0.548	/
	3	Level 2			0	37850	2580	50	Low	-0.01	0.403	13.09	14.50	1.384	0.558	/
	3	Level 2		Right Tilt	0	38000	2595	1	Mid	0.12	0.449	13.07	14.50	1.390	0.624	/
	3	Level 2			0	37850	2580	50	Mid	0.18	0.457	13.09	14.50	1.384	0.632	/
ANT 2	3	Level 3&4	QPSK	Left Cheek	0	38150	2610	1	Mid	-0.12	0.134	13.77	15.00	1.327	0.178	/
	3	Level 3&4			0	38150	2610	50	Mid	-0.05	0.150	13.80	15.00	1.318	0.198	/
	3	Level 3&4		Left Tilt	0	38150	2610	1	Mid	0.02	0.323	13.77	15.00	1.327	0.429	/
	3	Level 3&4			0	38150	2610	50	Mid	0.16	0.344	13.80	15.00	1.318	0.453	/
	3	Level 3&4		Right Cheek	0	38150	2610	1	Mid	-0.11	0.457	13.77	15.00	1.327	0.607	/
	3	Level 3&4			0	38150	2610	50	Mid	-0.08	0.472	13.80	15.00	1.318	0.622	/
	3	Level 3&4		Right Tilt	0	38150	2610	1	Mid	-0.20	0.478	13.77	15.00	1.327	0.634	/
	3	Level 3&4			0	38150	2610	50	Mid	-0.01	0.502	13.80	15.00	1.318	0.662	/
ANT 0	3	Level 1	QPSK	Left Cheek	0	37850	2580	1	High	-0.09	0.314	19.63	21.00	1.371	0.430	/
	3	Level 1			0	37850	2580	50	Mid	0.06	0.318	19.68	21.00	1.355	0.431	/
	3	Level 1		Left Tilt	0	37850	2580	1	High	0.16	0.072	19.63	21.00	1.371	0.099	/
	3	Level 1			0	37850	2580	50	Mid	-0.14	0.074	19.68	21.00	1.355	0.100	/
	3	Level 1		Right Cheek	0	37850	2580	1	High	-0.07	0.762	19.63	21.00	1.371	1.045	31#
	3	Level 1			0	38000	2595	1	High	-0.09	0.725	19.62	21.00	1.374	0.996	/
	3	Level 1			0	38150	2610	1	Mid	-0.15	0.718	19.62	21.00	1.374	0.987	/
	3	Level 1			0	37850	2580	50	Mid	0.04	0.770	19.68	21.00	1.355	1.043	/
	3	Level 1			0	38000	2595	50	Mid	0.15	0.733	19.63	21.00	1.371	1.005	/
	3	Level 1			0	38150	2610	50	Mid	0.10	0.724	19.63	21.00	1.371	0.993	/
	3	Level 1			0	38150	2610	100	Low	0.13	0.694	19.61	21.00	1.377	0.956	/
	3	Level 1			0	37850	2580	1	High	0.17	0.203	19.63	21.00	1.371	0.278	/
	3	Level 1		Right Tilt	0	37850	2580	50	Mid	0.17	0.216	19.68	21.00	1.355	0.293	/
	3	Level 1			0	37850	2580	50	Mid	0.17	0.216	19.68	21.00	1.355	0.293	/
ANT 0	3	Level 2&3&4	QPSK	Left Cheek	0	38150	2610	1	Mid	-0.02	0.247	18.26	19.50	1.330	0.329	/
	3	Level 2&3&4			0	38000	2595	50	Low	0.15	0.259	18.28	19.50	1.324	0.343	/

	3	Level 2&3&4		Left Tilt	0	38150	2610	1	Mid	0.02	0.053	18.26	19.50	1.330	0.071	/
	3	Level 2&3&4			0	38000	2595	50	Low	-0.17	0.056	18.28	19.50	1.324	0.074	/
	3	Level 2&3&4		Right Cheek	0	38150	2610	1	Mid	-0.06	0.564	18.26	19.50	1.330	0.750	/
	3	Level 2&3&4			0	38000	2595	50	Low	0.13	0.582	18.28	19.50	1.324	0.771	/
	3	Level 2&3&4		Right Tilt	0	38150	2610	1	Mid	-0.08	0.174	18.26	19.50	1.330	0.231	/
	3	Level 2&3&4			0	38000	2595	50	Low	0.11	0.180	18.28	19.50	1.324	0.238	/
ANT 3	3	Off	QPSK	Left Cheek	0	38150	2610	1	Low	0.08	0.093	22.21	24.00	1.510	0.140	/
	3	Off			0	38000	2595	50	Low	-0.20	0.089	22.26	24.00	1.493	0.133	/
	3	Off		Left Tilt	0	38150	2610	1	Low	-0.12	0.066	22.21	24.00	1.510	0.100	/
	3	Off			0	38000	2595	50	Low	0.07	0.060	22.26	24.00	1.493	0.090	/
	3	Off		Right Cheek	0	38150	2610	1	Low	-0.20	0.139	22.21	24.00	1.510	0.210	/
	3	Off			0	38000	2595	50	Low	-0.06	0.131	22.26	24.00	1.493	0.196	/
	3	Off		Right Tilt	0	38150	2610	1	Low	-0.16	0.076	22.21	24.00	1.510	0.115	/
	3	Off			0	38000	2595	50	Low	0.04	0.072	22.26	24.00	1.493	0.107	/
Body-worn Accessory & Hotspot																
ANT 2	3	Level 5	QPSK	Front Side	10	38000	2595	1	Low	-0.20	0.362	19.39	20.50	1.291	0.467	/
	3	Level 5			10	38000	2595	50	Mid	-0.17	0.375	19.39	20.50	1.291	0.484	/
	3	Level 5		Back Side	10	38000	2595	1	Low	0.02	0.481	19.39	20.50	1.291	0.621	/
	3	Level 5			10	38000	2595	50	Mid	0.05	0.494	19.39	20.50	1.291	0.638	/
	3	Level 5		Left Edge	10	38000	2595	1	Low	0.16	0.013	19.39	20.50	1.291	0.017	/
	3	Level 5			10	38000	2595	50	Mid	-0.16	0.014	19.39	20.50	1.291	0.018	/
	3	Level 5		Right Edge	10	38000	2595	1	Low	-0.13	0.080	19.39	20.50	1.291	0.103	/
	3	Level 5			10	38000	2595	50	Mid	0.08	0.089	19.39	20.50	1.291	0.115	/
	3	Level 5		Top Edge	10	38000	2595	1	Low	-0.13	0.867	19.39	20.50	1.291	1.119	/
	3	Level 5			10	37850	2580	1	Low	0.08	0.826	19.27	20.50	1.327	1.096	/
	3	Level 5			10	38150	2610	1	Low	0.11	0.834	19.30	20.50	1.318	1.099	/
	3	Level 5			10	38000	2595	50	Mid	-0.10	0.893	19.39	20.50	1.291	1.153	32#
	3	Level 5			10	37850	2580	50	Mid	0.18	0.838	19.27	20.50	1.327	1.112	/
	3	Level 5			10	38150	2610	50	Low	0.16	0.849	19.18	20.50	1.355	1.151	/
	3	Level 5			10	38150	2610	100	Low	0.06	0.827	19.13	20.50	1.371	1.134	/
	3	Level 5			10	38150	2610	100	Low	0.06	0.827	19.13	20.50	1.371	1.134	/
ANT 2	3	Level 6	QPSK	Front Side	10	38150	2610	1	Mid	0.00	0.192	16.46	17.50	1.271	0.244	/
	3	Level 6			10	38000	2595	50	Mid	0.00	0.196	16.50	17.50	1.259	0.247	/
	3	Level 6		Back Side	10	38150	2610	1	Mid	-0.13	0.262	16.46	17.50	1.271	0.333	/
	3	Level 6			10	38000	2595	50	Mid	-0.06	0.269	16.50	17.50	1.259	0.339	/
	3	Level 6		Left Edge	10	38150	2610	1	Mid	0.00	0.006	16.46	17.50	1.271	0.008	/
	3	Level 6			10	38000	2595	50	Mid	0.09	0.007	16.50	17.50	1.259	0.009	/
	3	Level 6		Right Edge	10	38150	2610	1	Mid	-0.14	0.043	16.46	17.50	1.271	0.055	/
	3	Level 6			10	38000	2595	50	Mid	-0.13	0.049	16.50	17.50	1.259	0.062	/
	3	Level 6		Top Edge	10	38150	2610	1	Mid	0.00	0.464	16.46	17.50	1.271	0.590	/
	3	Level 6			10	38000	2595	50	Mid	0.04	0.472	16.50	17.50	1.259	0.594	/
ANT 2	3	Level 7&8	QPSK	Front Side	10	38150	2610	1	High	0.20	0.282	17.86	19.00	1.300	0.367	/
	3	Level 7&8			10	38000	2595	50	Mid	0.15	0.289	17.89	19.00	1.291	0.373	/
	3	Level 7&8		Back Side	10	38150	2610	1	High	-0.07	0.374	17.86	19.00	1.300	0.486	/
	3	Level 7&8			10	38000	2595	50	Mid	-0.08	0.382	17.89	19.00	1.291	0.493	/
	3	Level 7&8		Left Edge	10	38150	2610	1	High	-0.15	0.009	17.86	19.00	1.300	0.012	/
	3	Level 7&8			10	38000	2595	50	Mid	0.15	0.009	17.89	19.00	1.291	0.012	/

	3	Level 7&8		Right Edge	10	38150	2610	1	High	-0.10	0.063	17.86	19.00	1.300	0.082	/
	3	Level 7&8			10	38000	2595	50	Mid	-0.18	0.068	17.89	19.00	1.291	0.088	/
	3	Level 7&8		Top Edge	10	38150	2610	1	High	0.13	0.623	17.86	19.00	1.300	0.810	/
	3	Level 7&8			10	37850	2580	1	Low	0.07	0.582	17.81	19.00	1.315	0.765	/
	3	Level 7&8			10	38000	2595	1	Mid	-0.09	0.594	17.77	19.00	1.327	0.788	/
	3	Level 7&8			10	38000	2595	50	Mid	0.20	0.635	17.89	19.00	1.291	0.820	/
	3	Level 7&8			10	37850	2580	50	Low	0.13	0.591	17.82	19.00	1.312	0.776	/
	3	Level 7&8			10	38150	2610	50	Low	-0.16	0.603	17.83	19.00	1.309	0.789	/
	3	Level 7&8			10	38150	2610	100	Low	0.08	0.568	17.71	19.00	1.346	0.764	/
	3	Level 7&8			10	38150	2610	100	Low	0.08	0.568	17.71	19.00	1.346	0.764	/
ANT 0	3	Off	QPSK	Front Side	10	38150	2610	1	Low	0.14	0.436	22.21	24.00	1.510	0.658	/
	3	Off			10	38000	2595	50	Low	0.15	0.428	22.26	24.00	1.493	0.639	/
	3	Off		Back Side	10	38150	2610	1	Low	0.08	0.723	22.21	24.00	1.510	1.092	/
	3	Off			10	37850	2580	1	Low	0.19	0.704	22.03	24.00	1.574	1.108	/
	3	Off			10	38000	2595	1	Mid	0.08	0.718	22.13	24.00	1.538	1.104	/
	3	Off			10	38000	2595	50	Low	0.19	0.706	22.26	24.00	1.493	1.054	/
	3	Off			10	37850	2580	50	Mid	0.02	0.689	22.16	24.00	1.528	1.052	/
	3	Off			10	38150	2610	50	Low	-0.10	0.713	22.19	24.00	1.517	1.082	/
	3	Off			10	38000	2595	100	Low	0.15	0.694	22.20	24.00	1.514	1.050	/
	3	Off		Left Edge	10	38150	2610	1	Low	0.09	0.007	22.21	24.00	1.510	0.011	/
	3	Off			10	38000	2595	50	Low	-0.20	0.007	22.26	24.00	1.493	0.010	/
	3	Off		Right Edge	10	38150	2610	1	Low	-0.09	0.516	22.21	24.00	1.510	0.779	/
	3	Off			10	38000	2595	50	Low	0.11	0.497	22.26	24.00	1.493	0.742	/
	3	Off		Top Edge	10	38150	2610	1	Low	0.19	0.062	22.21	24.00	1.510	0.094	/
	3	Off			10	38000	2595	50	Low	0.11	0.057	22.26	24.00	1.493	0.085	/
ANT 0	3	Level 6&7&8	QPSK	Front Side	10	38000	2595	1	High	0.06	0.283	20.78	22.00	1.324	0.375	/
	3	Level 6&7&8			10	38000	2595	50	High	0.07	0.274	20.74	22.00	1.337	0.366	/
	3	Level 6&7&8		Back Side	10	38000	2595	1	High	0.08	0.469	20.78	22.00	1.324	0.621	/
	3	Level 6&7&8			10	38000	2595	50	High	-0.08	0.452	20.74	22.00	1.337	0.604	/
	3	Level 6&7&8		Left Edge	10	38000	2595	1	High	0.17	0.005	20.78	22.00	1.324	0.007	/
	3	Level 6&7&8			10	38000	2595	50	High	-0.04	0.004	20.74	22.00	1.337	0.005	/
	3	Level 6&7&8		Right Edge	10	38000	2595	1	High	0.06	0.362	20.78	22.00	1.324	0.479	/
	3	Level 6&7&8			10	38000	2595	50	High	-0.03	0.356	20.74	22.00	1.337	0.476	/
	3	Level 6&7&8		Top Edge	10	38000	2595	1	High	0.04	0.041	20.78	22.00	1.324	0.054	/
	3	Level 6&7&8			10	38000	2595	50	High	-0.09	0.038	20.74	22.00	1.337	0.051	/
ANT 3	3	Off	QPSK	Front Side	10	38150	2610	1	Low	-0.17	0.314	22.21	24.00	1.510	0.474	/
	3	Off			10	38000	2595	50	Low	0.04	0.242	22.26	24.00	1.493	0.361	/
	3	Off		Back Side	10	38150	2610	1	Low	0.09	0.326	22.21	24.00	1.510	0.492	/
	3	Off			10	38000	2595	50	Low	0.04	0.258	22.26	24.00	1.493	0.385	/
	3	Off		Left Edge	10	38150	2610	1	Low	0.09	0.343	22.21	24.00	1.510	0.518	/
	3	Off			10	38000	2595	50	Low	0.05	0.328	22.26	24.00	1.493	0.490	/
	3	Off		Right Edge	10	38150	2610	1	Low	-0.15	0.008	22.21	24.00	1.510	0.012	/
	3	Off			10	38000	2595	50	Low	-0.14	0.006	22.26	24.00	1.493	0.009	/
	3	Off		Top Edge	10	38150	2610	1	Low	-0.06	0.222	22.21	24.00	1.510	0.335	/
	3	Off			10	38000	2595	50	Low	0.10	0.203	22.26	24.00	1.493	0.303	/
Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift	10 g Meas	Meas. Power	Max. tune-up	Scaling Factor	10g Scaled	Meas. No.

										(dB)	SAR(W/kg)	(dBm)	power(dBm)		SAR (W/kg)	
Specific																
ANT 2	3	Level 5	QPSK	Front Side	0	38000	2595	1	Low	0.07	0.594	19.39	20.50	1.291	0.767	/
	3	Level 5			0	38000	2595	50	Mid	-0.18	0.612	19.39	20.50	1.291	0.790	/
	3	Level 5		Back Side	0	38000	2595	1	Low	-0.04	0.528	19.39	20.50	1.291	0.682	/
	3	Level 5			0	38000	2595	50	Mid	-0.15	0.536	19.39	20.50	1.291	0.692	/
	3	Level 5		Left Edge	0	38000	2595	1	Low	-0.14	0.041	19.39	20.50	1.291	0.053	/
	3	Level 5			0	38000	2595	50	Mid	0.04	0.043	19.39	20.50	1.291	0.056	/
	3	Level 5		Right Edge	0	38000	2595	1	Low	-0.03	0.148	19.39	20.50	1.291	0.191	/
	3	Level 5			0	38000	2595	50	Mid	0.06	0.162	19.39	20.50	1.291	0.209	/
	3	Level 5		Top Edge	0	38000	2595	1	Low	-0.05	1.070	19.39	20.50	1.291	1.382	/
	3	Level 5			0	38000	2595	50	Mid	0.00	1.160	19.39	20.50	1.291	1.498	33#
ANT 2	3	Level 6	QPSK	Front Side	0	38150	2610	1	Mid	0.08	0.306	16.46	17.50	1.271	0.389	/
	3	Level 6			0	38000	2595	50	Mid	0.07	0.318	16.50	17.50	1.259	0.400	/
	3	Level 6		Back Side	0	38150	2610	1	Mid	0.02	0.255	16.46	17.50	1.271	0.324	/
	3	Level 6			0	38000	2595	50	Mid	0.02	0.261	16.50	17.50	1.259	0.329	/
	3	Level 6		Left Edge	0	38150	2610	1	Mid	-0.02	0.023	16.46	17.50	1.271	0.029	/
	3	Level 6			0	38000	2595	50	Mid	0.09	0.024	16.50	17.50	1.259	0.030	/
	3	Level 6		Right Edge	0	38150	2610	1	Mid	-0.12	0.072	16.46	17.50	1.271	0.091	/
	3	Level 6			0	38000	2595	50	Mid	-0.11	0.078	16.50	17.50	1.259	0.098	/
	3	Level 6		Top Edge	0	38150	2610	1	Mid	-0.02	0.572	16.46	17.50	1.271	0.727	/
	3	Level 6			0	38000	2595	50	Mid	0.20	0.594	16.50	17.50	1.259	0.748	/
ANT 2	3	Level 7&8	QPSK	Front Side	0	38150	2610	1	High	-0.09	0.411	17.86	19.00	1.300	0.534	/
	3	Level 7&8			0	38000	2595	50	Mid	-0.11	0.426	17.89	19.00	1.291	0.550	/
	3	Level 7&8		Back Side	0	38150	2610	1	High	0.16	0.377	17.86	19.00	1.300	0.490	/
	3	Level 7&8			0	38000	2595	50	Mid	-0.05	0.392	17.89	19.00	1.291	0.506	/
	3	Level 7&8		Left Edge	0	38150	2610	1	High	0.14	0.024	17.86	19.00	1.300	0.031	/
	3	Level 7&8			0	38000	2595	50	Mid	-0.18	0.028	17.89	19.00	1.291	0.036	/
	3	Level 7&8		Right Edge	0	38150	2610	1	High	-0.14	0.096	17.86	19.00	1.300	0.125	/
	3	Level 7&8			0	38000	2595	50	Mid	0.05	0.103	17.89	19.00	1.291	0.133	/
	3	Level 7&8		Top Edge	0	38150	2610	1	High	0.01	0.762	17.86	19.00	1.300	0.991	/
	3	Level 7&8			0	38000	2595	50	Mid	0.00	0.793	17.89	19.00	1.291	1.024	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

10.14 LTE Band 41 (20MHz Bandwidth)

Antenna	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
ANT 2	2	Level 1	QPSK	Left Cheek	0	40690	2600	1	Mid	-0.05	0.384	17.39	17.50	1.026	0.394	/
	2	Level 1			0	40690	2600	50	Mid	0.18	0.376	17.40	17.50	1.023	0.385	/
	2	Level 1		Left Tilt	0	40690	2600	1	Mid	0.02	0.485	17.39	17.50	1.026	0.497	/
	2	Level 1			0	40690	2600	50	Mid	0.04	0.463	17.40	17.50	1.023	0.474	/
	2	Level 1		Right Cheek	0	40690	2600	1	Mid	-0.13	0.542	17.39	17.50	1.026	0.556	/
	2	Level 1			0	40690	2600	50	Mid	0.09	0.537	17.40	17.50	1.023	0.550	/
	2	Level 1		Right Tilt	0	40690	2600	1	Mid	-0.09	0.646	17.39	17.50	1.026	0.663	/
	2	Level 1			0	40690	2600	50	Mid	-0.05	0.629	17.40	17.50	1.023	0.644	/
ANT 2	2	Level 2	QPSK	Left Cheek	0	40690	2600	1	Mid	0.01	0.279	15.88	16.00	1.028	0.287	/
	2	Level 2			0	40240	2555	50	Mid	-0.15	0.257	15.88	16.00	1.028	0.264	/
	2	Level 2		Left Tilt	0	40690	2600	1	Mid	0.20	0.338	15.88	16.00	1.028	0.347	/
	2	Level 2			0	40240	2555	50	Mid	0.03	0.327	15.88	16.00	1.028	0.336	/
	2	Level 2		Right Cheek	0	40690	2600	1	Mid	-0.04	0.369	15.88	16.00	1.028	0.379	/
	2	Level 2			0	40240	2555	50	Mid	-0.01	0.346	15.88	16.00	1.028	0.356	/
	2	Level 2		Right Tilt	0	40690	2600	1	Mid	0.17	0.445	15.88	16.00	1.028	0.457	/
	2	Level 2			0	40240	2555	50	Mid	0.05	0.437	15.88	16.00	1.028	0.449	/
ANT 2	2	Level 3&4	QPSK	Left Cheek	0	41140	2645	1	Mid	0.18	0.311	16.28	16.50	1.052	0.327	/
	2	Level 3&4			0	40690	2600	50	High	-0.11	0.307	16.30	16.50	1.047	0.321	/
	2	Level 3&4		Left Tilt	0	41140	2645	1	Mid	-0.09	0.382	16.28	16.50	1.052	0.402	/
	2	Level 3&4			0	40690	2600	50	High	0.13	0.372	16.30	16.50	1.047	0.390	/
	2	Level 3&4		Right Cheek	0	41140	2645	1	Mid	-0.11	0.453	16.28	16.50	1.052	0.477	/
	2	Level 3&4			0	40690	2600	50	High	-0.17	0.439	16.30	16.50	1.047	0.460	/
	2	Level 3&4		Right Tilt	0	41140	2645	1	Mid	0.06	0.546	16.28	16.50	1.052	0.574	/
	2	Level 3&4			0	40690	2600	50	High	-0.01	0.532	16.30	16.50	1.047	0.557	/
ANT 0	2	Level 1	QPSK	Left Cheek	0	40690	2600	1	Low	-0.11	0.232	21.19	21.50	1.074	0.249	/
	2	Level 1			0	40690	2600	50	Low	-0.03	0.228	21.18	21.50	1.076	0.245	/
	2	Level 1		Left Tilt	0	40690	2600	1	Low	-0.16	0.069	21.19	21.50	1.074	0.074	/
	2	Level 1			0	40690	2600	50	Low	0.14	0.068	21.18	21.50	1.076	0.073	/
	2	Level 1		Right Cheek	0	40690	2600	1	Low	0.09	0.642	21.19	21.50	1.074	0.690	/
	2	Level 1			0	40690	2600	50	Low	0.20	0.628	21.18	21.50	1.076	0.676	/
	2	Level 1		Right Tilt	0	40690	2600	1	Low	0.11	0.171	21.19	21.50	1.074	0.184	/
	2	Level 1			0	40690	2600	50	Low	0.14	0.162	21.18	21.50	1.076	0.174	/
ANT 0	2	Level 2&3&4	QPSK	Left Cheek	0	41140	2645	1	High	-0.02	0.189	20.10	20.50	1.096	0.207	/
	2	Level 2&3&4			0	41140	2645	50	High	0.03	0.185	20.08	20.50	1.102	0.204	/
	2	Level 2&3&4		Left Tilt	0	41140	2645	1	High	-0.15	0.056	20.10	20.50	1.096	0.061	/
	2	Level 2&3&4			0	41140	2645	50	High	0.06	0.057	20.08	20.50	1.102	0.063	/
	2	Level 2&3&4		Right Cheek	0	41140	2645	1	High	0.02	0.522	20.10	20.50	1.096	0.572	/
	2	Level 2&3&4			0	41140	2645	50	High	-0.05	0.514	20.08	20.50	1.102	0.566	/
	2	Level 2&3&4		Right Tilt	0	41140	2645	1	High	0.12	0.144	20.10	20.50	1.096	0.158	/
	2	Level 2&3&4			0	41140	2645	50	High	0.12	0.144	20.10	20.50	1.096	0.158	/

	2	Level 2&3&4			0	41140	2645	50	High	-0.08	0.136	20.08	20.50	1.102	0.150	/
ANT 3	2	Off	QPSK	Left Cheek	0	40690	2600	1	Low	0.05	0.059	25.48	25.50	1.005	0.059	/
	2	Off			0	40690	2600	50	Mid	-0.16	0.049	24.61	25.00	1.094	0.054	/
	2	Off		Left Tilt	0	40690	2600	1	Low	-0.16	0.050	25.48	25.50	1.005	0.050	/
	2	Off			0	40690	2600	50	Mid	0.12	0.037	24.61	25.00	1.094	0.040	/
	2	Off		Right Cheek	0	40690	2600	1	Low	0.16	0.118	25.48	25.50	1.005	0.119	/
	2	Off			0	40690	2600	50	Mid	-0.18	0.096	24.61	25.00	1.094	0.105	/
	2	Off		Right Tilt	0	40690	2600	1	Low	0.15	0.043	25.48	25.50	1.005	0.043	/
	2	Off			0	40690	2600	50	Mid	-0.14	0.032	24.61	25.00	1.094	0.035	/
ANT 2	3	Level 1	QPSK	Left Cheek	0	40690	2600	1	Mid	0.19	0.391	16.67	17.00	1.079	0.422	/
	3	Level 1			0	40690	2600	50	Mid	-0.18	0.382	16.67	17.00	1.079	0.412	/
	3	Level 1		Left Tilt	0	40690	2600	1	Mid	-0.02	0.502	16.67	17.00	1.079	0.542	/
	3	Level 1			0	40690	2600	50	Mid	-0.04	0.499	16.67	17.00	1.079	0.538	/
	3	Level 1		Right Cheek	0	40690	2600	1	Mid	-0.14	0.609	16.67	17.00	1.079	0.657	/
	3	Level 1			0	40690	2600	50	Mid	-0.13	0.585	16.67	17.00	1.079	0.631	/
	3	Level 1		Right Tilt	0	40690	2600	1	Mid	-0.10	0.703	16.67	17.00	1.079	0.758	/
	3	Level 1			0	40690	2600	50	Mid	0.06	0.678	16.67	17.00	1.079	0.732	/
ANT 2	3	Level 2	QPSK	Left Cheek	0	41140	2645	1	Mid	-0.07	0.277	15.36	15.50	1.033	0.286	/
	3	Level 2			0	40690	2600	50	High	-0.20	0.271	15.38	15.50	1.028	0.279	/
	3	Level 2		Left Tilt	0	41140	2645	1	Mid	-0.07	0.356	15.36	15.50	1.033	0.368	/
	3	Level 2			0	40690	2600	50	High	-0.02	0.354	15.38	15.50	1.028	0.364	/
	3	Level 2		Right Cheek	0	41140	2645	1	Mid	0.09	0.432	15.36	15.50	1.033	0.446	/
	3	Level 2			0	40690	2600	50	High	0.19	0.415	15.38	15.50	1.028	0.427	/
	3	Level 2		Right Tilt	0	41140	2645	1	Mid	-0.10	0.499	15.36	15.50	1.033	0.515	/
	3	Level 2			0	40690	2600	50	High	0.20	0.481	15.38	15.50	1.028	0.494	/
ANT 2	3	Level 3&4	QPSK	Left Cheek	0	41140	2645	1	High	0.10	0.317	15.80	16.00	1.047	0.332	/
	3	Level 3&4			0	41140	2645	50	Low	-0.01	0.312	15.77	16.00	1.054	0.329	/
	3	Level 3&4		Left Tilt	0	41140	2645	1	High	-0.03	0.418	15.80	16.00	1.047	0.438	/
	3	Level 3&4			0	41140	2645	50	Low	0.07	0.391	15.77	16.00	1.054	0.412	/
	3	Level 3&4		Right Cheek	0	41140	2645	1	High	0.14	0.467	15.80	16.00	1.047	0.489	/
	3	Level 3&4			0	41140	2645	50	Low	0.20	0.454	15.77	16.00	1.054	0.479	/
	3	Level 3&4		Right Tilt	0	41140	2645	1	High	0.15	0.574	15.80	16.00	1.047	0.601	/
	3	Level 3&4			0	41140	2645	50	Low	0.14	0.561	15.77	16.00	1.054	0.592	/
ANT 0	3	Level 1	QPSK	Left Cheek	0	40690	2600	1	Low	-0.19	0.223	20.46	21.00	1.132	0.253	/
	3	Level 1			0	40690	2600	50	High	0.03	0.221	20.43	21.00	1.140	0.252	/
	3	Level 1		Left Tilt	0	40690	2600	1	Low	-0.12	0.072	20.46	21.00	1.132	0.082	/
	3	Level 1			0	40690	2600	50	High	-0.15	0.068	20.43	21.00	1.140	0.078	/
	3	Level 1		Right Cheek	0	40690	2600	1	Low	0.12	0.671	20.46	21.00	1.132	0.760	34#
	3	Level 1			0	40690	2600	50	High	-0.06	0.652	20.43	21.00	1.140	0.743	/
	3	Level 1		Right Tilt	0	40690	2600	1	Low	-0.17	0.177	20.46	21.00	1.132	0.200	/
	3	Level 1			0	40690	2600	50	High	0.05	0.169	20.43	21.00	1.140	0.193	/
ANT 0	3	Level 2&3&4	QPSK	Left Cheek	0	40690	2600	1	Mid	0.01	0.182	19.70	20.00	1.072	0.195	/
	3	Level 2&3&4			0	40690	2600	50	Mid	0.11	0.168	19.69	20.00	1.074	0.180	/
	3	Level 2&3&4		Left Tilt	0	40690	2600	1	Mid	0.11	0.058	19.70	20.00	1.072	0.062	/
	3	Level 2&3&4			0	40690	2600	50	Mid	0.04	0.055	19.69	20.00	1.074	0.059	/
	3	Level 2&3&4		Right Cheek	0	40690	2600	1	Mid	-0.18	0.558	19.70	20.00	1.072	0.598	/

	3	Level 2&3&4		Right Tilt	0	40690	2600	50	Mid	0.09	0.519	19.69	20.00	1.074	0.557	/
	3	Level 2&3&4			0	40690	2600	1	Mid	0.19	0.146	19.70	20.00	1.072	0.156	/
	3	Level 2&3&4			0	40690	2600	50	Mid	-0.12	0.134	19.69	20.00	1.074	0.144	/
ANT 3	3	Off	QPSK	Left Cheek	0	40690	2600	1	Low	-0.01	0.062	24.72	25.00	1.067	0.066	/
	3	Off			0	40690	2600	50	Mid	0.09	0.060	24.72	25.00	1.067	0.064	/
	3	Off		Left Tilt	0	40690	2600	1	Low	0.06	0.052	24.72	25.00	1.067	0.055	/
	3	Off			0	40690	2600	50	Mid	0.14	0.048	24.72	25.00	1.067	0.051	/
	3	Off		Right Cheek	0	40690	2600	1	Low	-0.11	0.121	24.72	25.00	1.067	0.129	/
	3	Off			0	40690	2600	50	Mid	0.06	0.114	24.72	25.00	1.067	0.122	/
	3	Off		Right Tilt	0	40690	2600	1	Low	-0.05	0.048	24.72	25.00	1.067	0.051	/
	3	Off			0	40690	2600	50	Mid	0.12	0.043	24.72	25.00	1.067	0.046	/
Body-worn Accessory & Hotspot																
ANT 2	2	Level 5	QPSK	Front Side	10	41140	2645	1	High	-0.02	0.224	20.10	20.50	1.096	0.246	/
	2	Level 5			10	41140	2645	50	High	-0.16	0.216	20.08	20.50	1.102	0.238	/
	2	Level 5		Back Side	10	41140	2645	1	High	0.17	0.297	20.10	20.50	1.096	0.326	/
	2	Level 5			10	41140	2645	50	High	-0.01	0.282	20.08	20.50	1.102	0.311	/
	2	Level 5		Left Edge	10	41140	2645	1	High	-0.14	0.010	20.10	20.50	1.096	0.011	/
	2	Level 5			10	41140	2645	50	High	0.07	0.010	20.08	20.50	1.102	0.011	/
	2	Level 5		Right Edge	10	41140	2645	1	High	-0.12	0.062	20.10	20.50	1.096	0.068	/
	2	Level 5			10	41140	2645	50	High	0.03	0.060	20.08	20.50	1.102	0.066	/
	2	Level 5		Top Edge	10	41140	2645	1	High	0.05	0.639	20.10	20.50	1.096	0.701	35#
	2	Level 5			10	41140	2645	50	High	0.00	0.632	20.08	20.50	1.102	0.696	/
ANT 2	2	Level 6	QPSK	Front Side	10	41140	2645	1	High	-0.05	0.158	18.82	19.00	1.042	0.165	/
	2	Level 6			10	40690	2600	50	High	-0.07	0.155	18.80	19.00	1.047	0.162	/
	2	Level 6		Back Side	10	41140	2645	1	High	0.16	0.221	18.82	19.00	1.042	0.230	/
	2	Level 6			10	40690	2600	50	High	0.06	0.213	18.80	19.00	1.047	0.223	/
	2	Level 6		Left Edge	10	41140	2645	1	High	-0.13	0.008	18.82	19.00	1.042	0.008	/
	2	Level 6			10	40690	2600	50	High	0.06	0.007	18.80	19.00	1.047	0.007	/
	2	Level 6		Right Edge	10	41140	2645	1	High	0.13	0.049	18.82	19.00	1.042	0.051	/
	2	Level 6			10	40690	2600	50	High	-0.05	0.046	18.80	19.00	1.047	0.048	/
	2	Level 6		Top Edge	10	41140	2645	1	High	-0.02	0.465	18.82	19.00	1.042	0.485	/
	2	Level 6			10	40690	2600	50	High	-0.14	0.446	18.80	19.00	1.047	0.467	/
ANT 2	2	Level 7&8	QPSK	Front Side	10	41140	2645	1	Low	0.07	0.212	19.67	20.00	1.079	0.229	/
	2	Level 7&8			10	41140	2645	50	Low	0.00	0.198	19.67	20.00	1.079	0.214	/
	2	Level 7&8		Back Side	10	41140	2645	1	Low	-0.05	0.286	19.67	20.00	1.079	0.309	/
	2	Level 7&8			10	41140	2645	50	Low	0.10	0.275	19.67	20.00	1.079	0.297	/
	2	Level 7&8		Left Edge	10	41140	2645	1	Low	0.18	0.009	19.67	20.00	1.079	0.010	/
	2	Level 7&8			10	41140	2645	50	Low	0.18	0.008	19.67	20.00	1.079	0.009	/
	2	Level 7&8		Right Edge	10	41140	2645	1	Low	-0.01	0.062	19.67	20.00	1.079	0.067	/
	2	Level 7&8			10	41140	2645	50	Low	0.13	0.060	19.67	20.00	1.079	0.065	/
	2	Level 7&8		Top Edge	10	41140	2645	1	Low	0.06	0.619	19.67	20.00	1.079	0.668	/
	2	Level 7&8			10	41140	2645	50	Low	-0.15	0.607	19.67	20.00	1.079	0.655	/
ANT 0	2	Level 5	QPSK	Front Side	10	41140	2645	1	Mid	-0.13	0.164	22.24	22.50	1.062	0.174	/
	2	Level 5			10	40240	2555	50	Low	-0.03	0.160	22.23	22.50	1.064	0.170	/
	2	Level 5		Back Side	10	41140	2645	1	Mid	0.19	0.326	22.24	22.50	1.062	0.346	/
	2	Level 5			10	40240	2555	50	Low	0.15	0.318	22.23	22.50	1.064	0.338	/

	2	Level 5		Left Edge	10	41140	2645	1	Mid	0.16	0.003	22.24	22.50	1.062	0.003	/
	2	Level 5			10	40240	2555	50	Low	-0.06	0.003	22.23	22.50	1.064	0.003	/
	2	Level 5		Right Edge	10	41140	2645	1	Mid	0.14	0.255	22.24	22.50	1.062	0.271	/
	2	Level 5			10	40240	2555	50	Low	0.07	0.243	22.23	22.50	1.064	0.259	/
	2	Level 5		Top Edge	10	41140	2645	1	Mid	0.15	0.028	22.24	22.50	1.062	0.030	/
	2	Level 5			10	40240	2555	50	Low	0.01	0.027	22.23	22.50	1.064	0.029	/
ANT 0	2	Level 6&7&8	QPSK	Front Side	10	41140	2645	1	Low	-0.14	0.113	20.54	21.00	1.112	0.126	/
	2	Level 6&7&8			10	41140	2645	50	Low	0.14	0.108	20.56	21.00	1.107	0.120	/
	2	Level 6&7&8		Back Side	10	41140	2645	1	Low	-0.01	0.240	20.54	21.00	1.112	0.267	/
	2	Level 6&7&8			10	41140	2645	50	Low	-0.06	0.236	20.56	21.00	1.107	0.261	/
	2	Level 6&7&8		Left Edge	10	41140	2645	1	Low	-0.20	0.003	20.54	21.00	1.112	0.003	/
	2	Level 6&7&8			10	41140	2645	50	Low	-0.08	0.002	20.56	21.00	1.107	0.002	/
	2	Level 6&7&8		Right Edge	10	41140	2645	1	Low	-0.04	0.177	20.54	21.00	1.112	0.197	/
	2	Level 6&7&8			10	41140	2645	50	Low	0.14	0.171	20.56	21.00	1.107	0.189	/
	2	Level 6&7&8		Top Edge	10	41140	2645	1	Low	0.19	0.021	20.54	21.00	1.112	0.023	/
	2	Level 6&7&8			10	41140	2645	50	Low	0.16	0.018	20.56	21.00	1.107	0.020	/
ANT 3	2	Level 6&7&8	QPSK	Front Side	10	40690	2600	1	Mid	0.13	0.202	23.39	23.50	1.026	0.207	/
	2	Level 6&7&8			10	41140	2645	50	Low	0.17	0.194	23.38	23.50	1.028	0.199	/
	2	Level 6&7&8		Back Side	10	40690	2600	1	Mid	-0.15	0.275	23.39	23.50	1.026	0.282	/
	2	Level 6&7&8			10	41140	2645	50	Low	-0.09	0.263	23.38	23.50	1.028	0.270	/
	2	Level 6&7&8		Left Edge	10	40690	2600	1	Mid	0.05	0.346	23.39	23.50	1.026	0.355	/
	2	Level 6&7&8			10	41140	2645	50	Low	0.14	0.329	23.38	23.50	1.028	0.338	/
	2	Level 6&7&8		Right Edge	10	40690	2600	1	Mid	-0.18	0.006	23.39	23.50	1.026	0.006	/
	2	Level 6&7&8			10	41140	2645	50	Low	-0.04	0.004	23.38	23.50	1.028	0.004	/
	2	Level 6&7&8		Top Edge	10	40690	2600	1	Mid	0.01	0.107	23.39	23.50	1.026	0.110	/
	2	Level 6&7&8			10	41140	2645	50	Low	0.06	0.096	23.38	23.50	1.028	0.099	/
ANT 2	3	Level 5	QPSK	Front Side	10	40690	2600	1	Mid	-0.12	0.214	19.70	20.00	1.072	0.229	/
	3	Level 5			10	40690	2600	50	Mid	0.06	0.206	19.69	20.00	1.074	0.221	/
	3	Level 5		Back Side	10	40690	2600	1	Mid	-0.08	0.313	19.70	20.00	1.072	0.335	/
	3	Level 5			10	40690	2600	50	Mid	0.19	0.308	19.69	20.00	1.074	0.331	/
	3	Level 5		Left Edge	10	40690	2600	1	Mid	0.11	0.010	19.70	20.00	1.072	0.011	/
	3	Level 5			10	40690	2600	50	Mid	-0.02	0.009	19.69	20.00	1.074	0.010	/
	3	Level 5		Right Edge	10	40690	2600	1	Mid	-0.01	0.067	19.70	20.00	1.072	0.072	/
	3	Level 5			10	40690	2600	50	Mid	0.09	0.062	19.69	20.00	1.074	0.067	/
	3	Level 5		Top Edge	10	40690	2600	1	Mid	-0.02	0.620	19.70	20.00	1.072	0.664	/
	3	Level 5			10	40690	2600	50	Mid	-0.08	0.607	19.69	20.00	1.074	0.652	/
ANT 2	3	Level 6	QPSK	Front Side	10	40690	2600	1	Mid	-0.20	0.157	18.28	18.50	1.052	0.165	/
	3	Level 6			10	40690	2600	50	High	0.15	0.151	18.28	18.50	1.052	0.159	/
	3	Level 6		Back Side	10	40690	2600	1	Mid	0.04	0.242	18.28	18.50	1.052	0.255	/
	3	Level 6			10	40690	2600	50	High	0.00	0.235	18.28	18.50	1.052	0.247	/
	3	Level 6		Left Edge	10	40690	2600	1	Mid	-0.02	0.007	18.28	18.50	1.052	0.007	/
	3	Level 6			10	40690	2600	50	High	-0.11	0.007	18.28	18.50	1.052	0.007	/
	3	Level 6		Right Edge	10	40690	2600	1	Mid	0.10	0.047	18.28	18.50	1.052	0.049	/
	3	Level 6			10	40690	2600	50	High	-0.01	0.044	18.28	18.50	1.052	0.046	/
	3	Level 6		Top Edge	10	40690	2600	1	Mid	0.18	0.446	18.28	18.50	1.052	0.469	/
	3	Level 6			10	40690	2600	50	High	0.05	0.438	18.28	18.50	1.052	0.461	/

ANT 2	3	Level 7&8	QPSK	Front Side	10	40690	2600	1	High	-0.05	0.184	19.05	19.50	1.109	0.204	/
	3	Level 7&8			10	41140	2645	50	High	-0.17	0.175	19.02	19.50	1.117	0.195	/
	3	Level 7&8		Back Side	10	40690	2600	1	High	-0.01	0.293	19.05	19.50	1.109	0.325	/
	3	Level 7&8			10	41140	2645	50	High	0.06	0.275	19.02	19.50	1.117	0.307	/
	3	Level 7&8		Left Edge	10	40690	2600	1	High	0.03	0.009	19.05	19.50	1.109	0.010	/
	3	Level 7&8			10	41140	2645	50	High	-0.09	0.008	19.02	19.50	1.117	0.009	/
	3	Level 7&8		Right Edge	10	40690	2600	1	High	0.07	0.057	19.05	19.50	1.109	0.063	/
	3	Level 7&8			10	41140	2645	50	High	-0.09	0.052	19.02	19.50	1.117	0.058	/
	3	Level 7&8		Top Edge	10	40690	2600	1	High	-0.19	0.568	19.05	19.50	1.109	0.630	/
	3	Level 7&8			10	41140	2645	50	High	0.10	0.549	19.02	19.50	1.117	0.613	/
ANT 0	3	Level 5	QPSK	Front Side	10	40690	2600	1	High	-0.05	0.166	21.70	22.00	1.072	0.178	/
	3	Level 5			10	40240	2555	50	Mid	-0.18	0.158	21.67	22.00	1.079	0.170	/
	3	Level 5		Back Side	10	40690	2600	1	High	0.01	0.341	21.70	22.00	1.072	0.365	/
	3	Level 5			10	40240	2555	50	Mid	-0.14	0.324	21.67	22.00	1.079	0.350	/
	3	Level 5		Left Edge	10	40690	2600	1	High	0.06	0.002	21.70	22.00	1.072	0.002	/
	3	Level 5			10	40240	2555	50	Mid	0.08	0.002	21.67	22.00	1.079	0.002	/
	3	Level 5		Right Edge	10	40690	2600	1	High	-0.10	0.264	21.70	22.00	1.072	0.283	/
	3	Level 5			10	40240	2555	50	Mid	-0.10	0.248	21.67	22.00	1.079	0.268	/
	3	Level 5		Top Edge	10	40690	2600	1	High	-0.01	0.025	21.70	22.00	1.072	0.027	/
	3	Level 5			10	40240	2555	50	Mid	-0.06	0.023	21.67	22.00	1.079	0.025	/
ANT 0	3	Level 6&7&8	QPSK	Front Side	10	40240	2555	1	High	0.11	0.122	20.23	20.50	1.064	0.130	/
	3	Level 6&7&8			10	40690	2600	50	Low	-0.01	0.118	20.24	20.50	1.062	0.125	/
	3	Level 6&7&8		Back Side	10	40240	2555	1	High	-0.10	0.259	20.23	20.50	1.064	0.276	/
	3	Level 6&7&8			10	40690	2600	50	Low	0.09	0.242	20.24	20.50	1.062	0.257	/
	3	Level 6&7&8		Left Edge	10	40240	2555	1	High	-0.06	0.002	20.23	20.50	1.064	0.002	/
	3	Level 6&7&8			10	40690	2600	50	Low	-0.12	0.002	20.24	20.50	1.062	0.002	/
	3	Level 6&7&8		Right Edge	10	40240	2555	1	High	-0.03	0.193	20.23	20.50	1.064	0.205	/
	3	Level 6&7&8			10	40690	2600	50	Low	-0.11	0.186	20.24	20.50	1.062	0.197	/
	3	Level 6&7&8		Top Edge	10	40240	2555	1	High	0.16	0.017	20.23	20.50	1.064	0.018	/
	3	Level 6&7&8			10	40690	2600	50	Low	0.10	0.015	20.24	20.50	1.062	0.016	/
ANT 3	3	Level 6&7&8	QPSK	Front Side	10	40690	2600	1	High	-0.05	0.208	22.69	23.00	1.074	0.223	/
	3	Level 6&7&8			10	41140	2645	50	Low	-0.09	0.202	22.67	23.00	1.079	0.218	/
	3	Level 6&7&8		Back Side	10	40690	2600	1	High	-0.03	0.266	22.69	23.00	1.074	0.286	/
	3	Level 6&7&8			10	41140	2645	50	Low	-0.01	0.242	22.67	23.00	1.079	0.261	/
	3	Level 6&7&8		Left Edge	10	40690	2600	1	High	0.13	0.338	22.69	23.00	1.074	0.363	/
	3	Level 6&7&8			10	41140	2645	50	Low	-0.07	0.324	22.67	23.00	1.079	0.350	/
	3	Level 6&7&8		Right Edge	10	40690	2600	1	High	-0.10	0.006	22.69	23.00	1.074	0.006	/
	3	Level 6&7&8			10	41140	2645	50	Low	0.06	0.006	22.67	23.00	1.079	0.006	/
	3	Level 6&7&8		Top Edge	10	40690	2600	1	High	-0.03	0.112	22.69	23.00	1.074	0.120	/
	3	Level 6&7&8			10	41140	2645	50	Low	0.04	0.108	22.67	23.00	1.079	0.117	/
Antenn a	Power Class	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num	RB Start	Power Drift (dB)	10 g Meas SAR(W /kg)	Meas. Power (dBm)	Max. tune-up power(d Bm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																
ANT 2	2	Level 5	QPSK	Front Side	0	41140	2645	1	High	0.18	0.410	20.10	20.50	1.096	0.450	/

	2	Level 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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	3	Level 6		Top Edge	10	40690	2600	50	High	-0.08	0.061	18.28	18.50	1.052	0.064	/
	3	Level 6			10	40690	2600	1	Mid	-0.13	0.536	18.28	18.50	1.052	0.564	/
	3	Level 6			10	40690	2600	50	High	-0.08	0.523	18.28	18.50	1.052	0.550	/
ANT 2	3	Level 7&8	QPSK	Front Side	10	40690	2600	1	High	-0.10	0.372	19.05	19.50	1.109	0.413	/
	3	Level 7&8			10	41140	2645	50	High	0.01	0.351	19.02	19.50	1.117	0.392	/
	3	Level 7&8		Back Side	10	40690	2600	1	High	-0.01	0.307	19.05	19.50	1.109	0.341	/
	3	Level 7&8			10	41140	2645	50	High	-0.02	0.302	19.02	19.50	1.117	0.337	/
	3	Level 7&8		Left Edge	10	40690	2600	1	High	-0.09	0.023	19.05	19.50	1.109	0.026	/
	3	Level 7&8			10	41140	2645	50	High	0.20	0.021	19.02	19.50	1.117	0.023	/
	3	Level 7&8		Right Edge	10	40690	2600	1	High	-0.06	0.082	19.05	19.50	1.109	0.091	/
	3	Level 7&8			10	41140	2645	50	High	0.05	0.079	19.02	19.50	1.117	0.088	/
	3	Level 7&8		Top Edge	10	40690	2600	1	High	0.04	0.664	19.05	19.50	1.109	0.736	/
	3	Level 7&8			10	41140	2645	50	High	0.12	0.630	19.02	19.50	1.117	0.704	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.																

10.15 WIFI 2.4GHz

Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
802.11 b (ANT 0)	Level 1	Left Cheek	0	11	2462	0.20	0.573	15.29	15.50	1.050	99.08	1.009	0.607	/
	Level 1	Left Tilt	0	11	2462	-0.13	0.306	15.29	15.50	1.050	99.08	1.009	0.324	/
	Level 1	Right Cheek	0	11	2462	-0.07	0.152	15.29	15.50	1.050	99.08	1.009	0.161	/
	Level 1	Right Tilt	0	11	2462	-0.14	0.142	15.29	15.50	1.050	99.08	1.009	0.150	/
802.11 b (ANT 0)	Level 2	Left Cheek	0	11	2462	0.05	0.696	16.36	16.50	1.033	99.08	1.009	0.725	37#
	Level 2	Left Tilt	0	11	2462	0.20	0.359	16.36	16.50	1.033	99.08	1.009	0.374	/
	Level 2	Right Cheek	0	11	2462	0.06	0.183	16.36	16.50	1.033	99.08	1.009	0.191	/
	Level 2	Right Tilt	0	11	2462	0.13	0.177	16.36	16.50	1.033	99.08	1.009	0.184	/
802.11 b (ANT 0)	Level 3&4	Left Cheek	0	11	2462	0.10	0.292	12.42	12.50	1.019	99.08	1.009	0.300	/
	Level 3&4	Left Tilt	0	11	2462	0.10	0.164	12.42	12.50	1.019	99.08	1.009	0.169	/
	Level 3&4	Right Cheek	0	11	2462	-0.11	0.085	12.42	12.50	1.019	99.08	1.009	0.087	/
	Level 3&4	Right Tilt	0	11	2462	-0.14	0.078	12.42	12.50	1.019	99.08	1.009	0.080	/
802.11 b (ANT 1)	Off	Left Cheek	0	6	2437	-0.06	0.028	18.42	20.00	1.439	99.08	1.009	0.041	/
	Off	Left Tilt	0	6	2437	-0.10	0.025	18.42	20.00	1.439	99.08	1.009	0.036	/
	Off	Right Cheek	0	6	2437	0.18	0.040	18.42	20.00	1.439	99.08	1.009	0.059	/
	Off	Right Tilt	0	6	2437	0.16	0.046	18.42	20.00	1.439	99.08	1.009	0.066	/
802.11 g (MIMO)	Level 1	Left Cheek	0	6	2437	-0.06	0.312	14.76	15.00	1.057	97.74	1.023	0.337	/
	Level 1	Left Tilt	0	6	2437	0.08	0.277	14.76	15.00	1.057	97.74	1.023	0.300	/
	Level 1	Right Cheek	0	6	2437	0.06	0.156	14.76	15.00	1.057	97.74	1.023	0.169	/
	Level 1	Right Tilt	0	6	2437	0.04	0.188	14.76	15.00	1.057	97.74	1.023	0.203	/
802.11 g (MIMO)	Level 3	Left Cheek	0	11	2462	0.05	0.163	11.78	12.00	1.052	97.74	1.023	0.175	/
	Level 3	Left Tilt	0	11	2462	0.14	0.137	11.78	12.00	1.052	97.74	1.023	0.147	/
	Level 3	Right Cheek	0	11	2462	0.16	0.082	11.78	12.00	1.052	97.74	1.023	0.088	/
	Level 3	Right Tilt	0	11	2462	-0.12	0.088	11.78	12.00	1.052	97.74	1.023	0.095	/
Body-worn Accessory & Hotspot														
802.11 b (ANT 0)	Off	Front Side	10	11	2462	-0.01	0.162	18.58	20.00	1.387	99.08	1.009	0.227	/
	Off	Back Side	10	11	2462	0.04	0.188	18.58	20.00	1.387	99.08	1.009	0.263	/
	Off	Left Edge	10	11	2462	0.11	0.103	18.58	20.00	1.387	99.08	1.009	0.144	/
	Off	Top Edge	10	11	2462	0.12	0.258	18.58	20.00	1.387	99.08	1.009	0.361	38#
802.11 b (ANT 0)	Level 7&8	Front Side	10	11	2462	0.09	0.113	17.93	18.00	1.016	99.08	1.009	0.116	/
	Level 7&8	Back Side	10	11	2462	-0.17	0.127	17.93	18.00	1.016	99.08	1.009	0.130	/
	Level 7&8	Left Edge	10	11	2462	-0.12	0.053	17.93	18.00	1.016	99.08	1.009	0.054	/
	Level 7&8	Top Edge	10	11	2462	0.08	0.169	17.93	18.00	1.016	99.08	1.009	0.173	/
802.11 b (ANT 1)	Off	Front Side	10	6	2437	-0.06	0.006	18.42	20.00	1.439	99.08	1.009	0.009	/
	Off	Back Side	10	6	2437	0.08	0.071	18.42	20.00	1.439	99.08	1.009	0.104	/
	Off	Left Edge	10	6	2437	0.11	0.002	18.42	20.00	1.439	99.08	1.009	0.003	/
	Off	Top Edge	10	6	2437	-0.15	0.025	18.42	20.00	1.439	99.08	1.009	0.036	/
802.11 g (MIMO)	Off	Front Side	10	6	2437	0.06	0.063	19.24	19.50	1.062	97.74	1.023	0.068	/
	Off	Back Side	10	6	2437	-0.19	0.086	19.24	19.50	1.062	97.74	1.023	0.093	/
	Off	Left Edge	10	6	2437	-0.04	0.039	19.24	19.50	1.062	97.74	1.023	0.042	/

	Off	Top Edge	10	6	2437	-0.08	0.152	19.24	19.50	1.062	97.74	1.023	0.165	/
802.11 g (MIMO)	Level 7&8	Front Side	10	6	2437	-0.03	0.052	17.50	17.50	1.000	97.74	1.023	0.053	/
	Level 7&8	Back Side	10	6	2437	0.12	0.064	17.50	17.50	1.000	97.74	1.023	0.065	/
	Level 7&8	Left Edge	10	6	2437	0.06	0.031	17.50	17.50	1.000	97.74	1.023	0.032	/
	Level 7&8	Top Edge	10	6	2437	-0.19	0.102	17.50	17.50	1.000	97.74	1.023	0.104	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.16 WIFI 5GHz

Fre. Band	Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
5.3G	802.11 a	Level 1	Left Cheek	0	60	5300	-0.09	0.551	15.82	16.00	1.042	98.32	1.017	0.584	/
		Level 1	Left Tilt	0	60	5300	-0.04	0.474	15.82	16.00	1.042	98.32	1.017	0.503	/
		Level 1	Right Cheek	0	60	5300	0.19	0.214	15.82	16.00	1.042	98.32	1.017	0.227	/
		Level 1	Right Tilt	0	60	5300	-0.02	0.225	15.82	16.00	1.042	98.32	1.017	0.239	/
5.3G	802.11 a	Level 2	Left Cheek	0	64	5320	0.06	0.689	16.73	17.00	1.064	98.32	1.017	0.746	39#
		Level 2	Left Tilt	0	64	5320	0.15	0.611	16.73	17.00	1.064	98.32	1.017	0.661	/
		Level 2	Right Cheek	0	64	5320	0.06	0.256	16.73	17.00	1.064	98.32	1.017	0.277	/
		Level 2	Right Tilt	0	64	5320	0.18	0.282	16.73	17.00	1.064	98.32	1.017	0.305	/
5.3G	802.11 a	Level 3&4	Left Cheek	0	64	5320	0.04	0.374	14.28	14.50	1.052	98.32	1.017	0.400	/
		Level 3&4	Left Tilt	0	64	5320	0.02	0.322	14.28	14.50	1.052	98.32	1.017	0.345	/
		Level 3&4	Right Cheek	0	64	5320	-0.02	0.131	14.28	14.50	1.052	98.32	1.017	0.140	/
		Level 3&4	Right Tilt	0	64	5320	0.06	0.137	14.28	14.50	1.052	98.32	1.017	0.147	/
5.6G	802.11 a	Level 1	Left Cheek	0	116	5580	-0.08	0.521	15.70	16.00	1.072	98.32	1.017	0.568	/
		Level 1	Left Tilt	0	116	5580	-0.12	0.498	15.70	16.00	1.072	98.32	1.017	0.543	/
		Level 1	Right Cheek	0	116	5580	0.05	0.192	15.70	16.00	1.072	98.32	1.017	0.210	/
		Level 1	Right Tilt	0	116	5580	-0.19	0.217	15.70	16.00	1.072	98.32	1.017	0.237	/
5.6G	802.11 a	Level 2	Left Cheek	0	100	5500	0.16	0.656	16.76	17.00	1.057	98.32	1.017	0.705	40#
		Level 2	Left Tilt	0	100	5500	0.14	0.627	16.76	17.00	1.057	98.32	1.017	0.674	/
		Level 2	Right Cheek	0	100	5500	-0.02	0.242	16.76	17.00	1.057	98.32	1.017	0.260	/
		Level 2	Right Tilt	0	100	5500	0.07	0.273	16.76	17.00	1.057	98.32	1.017	0.293	/
5.6G	802.11 a	Level 3&4	Left Cheek	0	116	5580	0.09	0.329	14.36	14.50	1.033	98.32	1.017	0.346	/
		Level 3&4	Left Tilt	0	116	5580	0.07	0.324	14.36	14.50	1.033	98.32	1.017	0.340	/
		Level 3&4	Right Cheek	0	116	5580	0.10	0.131	14.36	14.50	1.033	98.32	1.017	0.138	/
		Level 3&4	Right Tilt	0	116	5580	-0.11	0.148	14.36	14.50	1.033	98.32	1.017	0.155	/
5.8G	802.11 ac(VH T80)	Level 1&2	Left Cheek	0	155	5775	-0.02	0.374	15.32	15.50	1.042	92.18	1.085	0.423	41#
		Level 1&2	Left Tilt	0	155	5775	-0.15	0.264	15.32	15.50	1.042	92.18	1.085	0.299	/
		Level 1&2	Right Cheek	0	155	5775	0.06	0.103	15.32	15.50	1.042	92.18	1.085	0.116	/
		Level 1&2	Right Tilt	0	155	5775	-0.11	0.115	15.32	15.50	1.042	92.18	1.085	0.130	/
5.8G	802.11 ac(VH T80)	Level 3&4	Left Cheek	0	155	5775	-0.05	0.269	13.68	14.00	1.076	92.18	1.085	0.314	/
		Level 3&4	Left Tilt	0	155	5775	0.16	0.175	13.68	14.00	1.076	92.18	1.085	0.204	/
		Level 3&4	Right Cheek	0	155	5775	-0.16	0.069	13.68	14.00	1.076	92.18	1.085	0.081	/
		Level 3&4	Right Tilt	0	155	5775	-0.08	0.086	13.68	14.00	1.076	92.18	1.085	0.100	/
Body-worn Accessory															
5.3G	802.11 a	Off	Front Side	10	52	5260	0.16	0.203	20.55	22.50	1.567	98.32	1.017	0.323	/
		Off	Back Side	10	52	5260	0.14	0.494	20.55	22.50	1.567	98.32	1.017	0.787	42#
5.3G	802.11 a	Level 6	Front Side	10	52	5260	0.11	0.152	21.32	21.50	1.042	98.32	1.017	0.161	/
		Level 6	Back Side	10	52	5260	0.16	0.362	21.32	21.50	1.042	98.32	1.017	0.384	/
5.3G	802.11 a	Level 7&8	Front Side	10	52	5260	-0.16	0.134	20.29	20.50	1.050	98.32	1.017	0.143	/
		Level 7&8	Back Side	10	52	5260	0.18	0.312	20.29	20.50	1.050	98.32	1.017	0.333	/
5.6G	802.11	Off	Front Side	10	100	5500	-0.03	0.125	20.61	22.50	1.545	98.32	1.017	0.196	/

	a	Off	Back Side	10	100	5500	0.05	0.301	20.61	22.50	1.545	98.32	1.017	0.473	43#
5.6G	802.11 a	Level 6	Front Side	10	100	5500	-0.08	0.103	21.27	21.50	1.054	98.32	1.017	0.110	/
		Level 6	Back Side	10	100	5500	-0.12	0.222	21.27	21.50	1.054	98.32	1.017	0.238	/
5.6G	802.11 a	Level 7&8	Front Side	10	100	5500	0.04	0.072	20.27	20.50	1.054	98.32	1.017	0.077	/
		Level 7&8	Back Side	10	100	5500	-0.15	0.185	20.27	20.50	1.054	98.32	1.017	0.198	/
5.8G	802.11 ac(VH T80)	Off	Front Side	10	155	5775	-0.06	0.008	14.61	16.50	1.545	92.18	1.085	0.013	/
		Off	Back Side	10	155	5775	0.07	0.112	14.61	16.50	1.545	92.18	1.085	0.188	44#
5.8G	802.11 ac(VH T80)	Level 8	Front Side	10	155	5775	-0.05	0.006	14.23	14.50	1.064	92.18	1.085	0.007	/
		Level 8	Back Side	10	155	5775	0.01	0.075	14.23	14.50	1.064	92.18	1.085	0.087	/
Hotspot															
5.2G	802.11 a	Level 7	Front Side	10	48	5240	-0.06	0.185	20.30	20.50	1.047	98.32	1.017	0.197	/
		Level 7	Back Side	10	48	5240	0.09	0.459	20.30	20.50	1.047	98.32	1.017	0.489	/
		Level 7	Left Edge	10	48	5240	0.07	0.145	20.30	20.50	1.047	98.32	1.017	0.154	/
		Level 7	Top Edge	10	48	5240	0.12	0.476	20.30	20.50	1.047	98.32	1.017	0.507	45#
5.2G	802.11 a	Level 8	Front Side	10	48	5240	0.19	0.123	18.28	18.50	1.052	98.32	1.017	0.132	/
		Level 8	Back Side	10	48	5240	-0.10	0.303	18.28	18.50	1.052	98.32	1.017	0.324	/
		Level 8	Left Edge	10	48	5240	0.17	0.090	18.28	18.50	1.052	98.32	1.017	0.096	/
		Level 8	Top Edge	10	48	5240	0.18	0.312	18.28	18.50	1.052	98.32	1.017	0.334	/
5.8G	802.11 ac(VH T80)	Off	Front Side	10	155	5775	-0.19	0.008	14.61	16.50	1.545	92.18	1.085	0.013	/
		Off	Back Side	10	155	5775	0.07	0.112	14.61	16.50	1.545	92.18	1.085	0.188	46#
		Off	Left Edge	10	155	5775	0.02	0.052	14.61	16.50	1.545	92.18	1.085	0.087	/
		Off	Top Edge	10	155	5775	-0.10	0.049	14.61	16.50	1.545	92.18	1.085	0.082	/
5.8G	802.11 ac(VH T80)	Level 8	Front Side	10	155	5775	-0.10	0.006	14.23	14.50	1.064	92.18	1.085	0.007	/
		Level 8	Back Side	10	155	5775	0.11	0.075	14.23	14.50	1.064	92.18	1.085	0.087	/
		Level 8	Left Edge	10	155	5775	-0.17	0.038	14.23	14.50	1.064	92.18	1.085	0.044	/
		Level 8	Top Edge	10	155	5775	0.12	0.032	14.23	14.50	1.064	92.18	1.085	0.037	/
Fre. Band	Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10 g Meas SAR(W/k g)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle(%)	Duty Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific															
5.3G	802.11 a	Off	Front Side	0	52	5260	0.10	0.362	20.55	22.50	1.567	98.32	1.017	0.577	/
		Off	Back Side	0	52	5260	0.19	0.544	20.55	22.50	1.567	98.32	1.017	0.867	/
		Off	Left Edge	0	52	5260	0.16	0.288	20.55	22.50	1.567	98.32	1.017	0.459	/
		Off	Top Edge	0	52	5260	0.06	1.320	20.55	22.50	1.567	98.32	1.017	2.103	47#
5.6G	802.11 a	Off	Front Side	0	100	5500	-0.17	0.339	20.61	22.50	1.545	98.32	1.017	0.533	/
		Off	Back Side	0	100	5500	-0.03	0.494	20.61	22.50	1.545	98.32	1.017	0.776	/
		Off	Left Edge	0	100	5500	0.11	0.247	20.61	22.50	1.545	98.32	1.017	0.388	/
		Off	Top Edge	0	100	5500	0.09	1.240	20.61	22.50	1.545	98.32	1.017	1.949	48#
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.17 Bluetooth

Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle(%)	Duty Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
3DH5	Off	Left Cheek	0	39	2441	-0.07	0.303	12.38	13.50	1.294	77.01	1.299	0.509	/
	Off	Left Tilt	0	39	2441	-0.05	0.283	12.38	13.50	1.294	77.01	1.299	0.476	49#
	Off	Right Cheek	0	39	2441	-0.13	0.199	12.38	13.50	1.294	77.01	1.299	0.334	/
	Off	Right Tilt	0	39	2441	-0.12	0.174	12.38	13.50	1.294	77.01	1.299	0.292	/
Body-worn Accessory&Hotspot														
3DH5	Off	Front Side	10	39	2441	0.14	0.062	12.38	13.50	1.294	77.01	1.298	0.104	/
	Off	Back Side	10	39	2441	0.11	0.116	12.38	13.50	1.294	77.01	1.298	0.195	50#
	Off	Left Edge	10	39	2441	0.11	0.049	12.38	13.50	1.294	77.01	1.298	0.082	/
	Off	Top Edge	10	39	2441	-0.08	0.096	12.38	13.50	1.294	77.01	1.298	0.161	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

11 SAR Measurement Variability

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

SAR repeated measurement procedure:

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

Frequency Band (MHz)	Wireless Band	Power Reduction	RF Exposure Conditions	Test Position	Highest Measured SAR (W/kg)	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	Largest to Smallest SAR Ratio
850	GSM	Level 1	Head	Right Cheek	0.806	Yes	0.762	1.06
1900	GSM	Level 3&4	Head	Right Tilt	0.867	Yes	0.854	1.02
1900	WCDMA band 2	Level 1	Head	Right Tilt	0.853	Yes	0.826	1.03
2600	LTE band 38	Level 5	Body	Top Edge	0.893	Yes	0.855	1.04

Note: The ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , the second repeated measurement. is not required.

Note: For product specific 10g SAR, the highest measured 10g SAR is $1.32 < 2.0$ W/kg, repeated measurement is not required.

12 SIMULTANEOUS TRANSMISSION

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR 1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR 1g 1.6 W/kg), SAR test exclusion is determined by the SAR to Peak Location Ratio (SPLSR).

12.1 Simultaneous Transmission Mode Consider

No.	Simultaneous Tx Combination	Head	Body-worn	Hotspot
1	GSM + WiFi 2.4G (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
2	UMTS + WiFi 2.4G (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
3	LTE + WiFi 2.4G (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
4	GSM + 5G WIFI (ANT 0) + Bluetooth (ANT 0)	Yes	Yes	Yes
5	UMTS + 5G WIFI (ANT 0) + Bluetooth (ANT 0)	Yes	Yes	Yes
6	LTE + 5G WIFI (ANT 0) + Bluetooth (ANT 0)	Yes	Yes	Yes
7	GSM + 5G WIFI (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
8	UMTS + 5G WIFI (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
9	LTE + 5G WIFI (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
10	GSM + 5G WIFI (MIMO) + Bluetooth (ANT 0)	Yes	Yes	Yes
11	UMTS + 5G WIFI (MIMO) + Bluetooth (ANT 0)	Yes	Yes	Yes
12	LTE + 5G WIFI (MIMO) + Bluetooth (ANT 0)	Yes	Yes	Yes
13	GSM + WiFi 2.4G (ANT 0) + 5G WIFI (ANT 1)	Yes	Yes	Yes
14	UMTS + WiFi 2.4G (ANT 0) + 5G WIFI (ANT 1)	Yes	Yes	Yes
15	LTE + WiFi 2.4G (ANT 0) + 5G WIFI (ANT 1)	Yes	Yes	Yes
16	GSM + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 0)	Yes	Yes	Yes
17	UMTS + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 0)	Yes	Yes	Yes
18	LTE + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 0)	Yes	Yes	Yes
19	GSM + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 1)	Yes	Yes	Yes
20	UMTS + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 1)	Yes	Yes	Yes
21	LTE + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 1)	Yes	Yes	Yes
22	GSM + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 0) + Bluetooth (ANT 0)	Yes	Yes	Yes
23	UMTS + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 0) + Bluetooth (ANT 0)	Yes	Yes	Yes
24	LTE + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 0) + Bluetooth (ANT 0)	Yes	Yes	Yes
25	GSM + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
26	UMTS + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes
27	LTE + WiFi 2.4G (ANT 1) + 5G WIFI (ANT 1) + Bluetooth (ANT 0)	Yes	Yes	Yes

Note:

- 2G&3G&4G share the same antenna and can't transmit simultaneously.
- 2.4G WLAN ANT0 can't transmit simultaneously with Bluetooth.
- Four WWAN antennas can switch automatically, but up and down antenna can't transmit simultaneously.

4. The maximum SAR summation is calculated based on the same configuration and test position.
5. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
6. This device 2.4GHz WLAN/5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz WLAN/5.5GHz WLAN supports WiFi Direct (GC only)
7. For 2.4G WLAN, based on the product features, 802.11b mode not support MIMO mode, so SAR testing was performed on SISO for 802.11b mode and performed MIMO for 802.11 g on dual antenna.
8. For 5G WLAN SAR testing was performed on dual antenna, due to the single antenna RF power in MIMO mode is larger than the single antenna RF power in SISO mode.

12.2 Sum SAR of Simultaneous Transmission

12.2.1 Head Simultaneous Transmission SAR Evaluation for WWAN ANT 0 with WLAN 2.4G or WLAN 5G

Band	Power Reduction	Position	Stand alone SAR								SUM SAR					
			1	2	3	4	5	6	7	8	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+8)	Sum SAR (1+5+8)	Sum SAR (1+6+8)	Sum SAR (1+7+8)
			WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.3GWIFI	5.6GWIFI	5.8GWIFI	Bluetooth						
				MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO							
			Level 3	Level 3	Off	Level 3	Level 3	Level 3	Off							
GSM 850	Level 3&4	Left Cheek	0.391	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.566	0.691	0.941	1.300	1.246	1.214
	Level 3&4	Left Tilt	0.096	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.243	0.265	0.608	0.917	0.912	0.776
	Level 3&4	Right Cheek	0.475	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.563	0.562	0.868	0.949	0.947	0.890
	Level 3&4	Right Tilt	0.107	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.202	0.187	0.465	0.546	0.554	0.499
WCDM A B5	Level 3&4	Left Cheek	0.386	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.561	0.686	0.936	1.295	1.241	1.209
	Level 3&4	Left Tilt	0.085	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.232	0.254	0.597	0.906	0.901	0.765
	Level 3&4	Right Cheek	0.434	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.522	0.521	0.827	0.908	0.906	0.849
	Level 3&4	Right Tilt	0.095	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.190	0.175	0.453	0.534	0.542	0.487
LTE B5	Level 3&4	Left Cheek	0.367	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.542	0.667	0.917	1.276	1.222	1.190
	Level 3&4	Left Tilt	0.074	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.221	0.243	0.586	0.895	0.890	0.754
	Level 3&4	Right Cheek	0.488	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.576	0.575	0.881	0.962	0.960	0.903
	Level 3&4	Right Tilt	0.096	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.191	0.176	0.454	0.535	0.543	0.488
LTE B7	Level 3&4	Left Cheek	0.249	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.424	0.549	0.799	1.158	1.104	1.072
	Level 3&4	Left Tilt	0.065	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.212	0.234	0.577	0.886	0.881	0.745
	Level 3&4	Right Cheek	0.660	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.748	0.747	1.053	1.134	1.132	1.075
	Level 3&4	Right Tilt	0.180	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.275	0.260	0.538	0.619	0.627	0.572
LTE B12	Level 3&4	Left Cheek	0.418	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.593	0.718	0.968	1.327	1.273	1.241
	Level 3&4	Left Tilt	0.081	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.228	0.250	0.593	0.902	0.897	0.761
	Level 3&4	Right Cheek	0.505	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.593	0.592	0.898	0.979	0.977	0.920
	Level 3&4	Right Tilt	0.095	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.190	0.175	0.453	0.534	0.542	0.487
LTE B17	Level 3&4	Left Cheek	0.353	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.528	0.653	0.903	1.262	1.208	1.176
	Level 3&4	Left Tilt	0.073	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.220	0.242	0.585	0.894	0.889	0.753
	Level 3&4	Right Cheek	0.447	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.535	0.534	0.840	0.921	0.919	0.862
	Level 3&4	Right Tilt	0.091	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.186	0.171	0.449	0.530	0.538	0.483
LTE B26	Level 3&4	Left Cheek	0.300	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.475	0.600	0.850	1.209	1.155	1.123
	Level 3&4	Left Tilt	0.065	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.212	0.234	0.577	0.886	0.881	0.745
	Level 3&4	Right Cheek	0.348	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.436	0.435	0.741	0.822	0.820	0.763
	Level 3&4	Right Tilt	0.070	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.165	0.150	0.428	0.509	0.517	0.462
LTE B38	Level 3&4	Left Cheek	0.343	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.518	0.643	0.893	1.252	1.198	1.166
	Level 3&4	Left Tilt	0.074	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.221	0.243	0.586	0.895	0.890	0.754
	Level 3&4	Right Cheek	0.771	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.859	0.858	1.164	1.245	1.243	1.186
	Level 3&4	Right Tilt	0.238	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.333	0.318	0.596	0.677	0.685	0.630
LTE B41	Level 3&4	Left Cheek	0.207	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.382	0.507	0.757	1.116	1.062	1.030
Class 2	Level 3&4	Left Tilt	0.063	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.210	0.232	0.575	0.884	0.879	0.743

	Level 3&4	Right Cheek	0.572	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.660	0.659	0.965	1.046	1.044	0.987
	Level 3&4	Right Tilt	0.158	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.253	0.238	0.516	0.597	0.605	0.550
LTE B41 Class 3	Level 3&4	Left Cheek	0.195	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.370	0.495	0.745	1.104	1.050	1.018
	Level 3&4	Left Tilt	0.062	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.209	0.231	0.574	0.883	0.878	0.742
	Level 3&4	Right Cheek	0.598	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.686	0.685	0.991	1.072	1.070	1.013
	Level 3&4	Right Tilt	0.156	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.251	0.236	0.514	0.595	0.603	0.548

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.327 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.2 Head Simultaneous Transmission SAR Evaluation for WWAN ANT 0 with WLAN 2.4G and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR							SUM SAR	
			1	2	3	4			5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
			WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
				Level 4	Off	Level 4	Level 4	Level 4	Off		
GSM 850	Level 2	Left Cheek	0.391	0.300	0.041	0.400	0.346	0.314	0.509	1.091	1.341
	Level 2	Left Tilt	0.096	0.169	0.036	0.345	0.340	0.204	0.476	0.610	0.953
	Level 2	Right Cheek	0.475	0.087	0.059	0.140	0.138	0.081	0.334	0.702	1.008
	Level 2	Right Tilt	0.107	0.080	0.066	0.147	0.155	0.100	0.292	0.342	0.620
WCDMA A B5	Level 2	Left Cheek	0.386	0.300	0.041	0.400	0.346	0.314	0.509	1.086	1.336
	Level 2	Left Tilt	0.085	0.169	0.036	0.345	0.340	0.204	0.476	0.599	0.942
	Level 2	Right Cheek	0.434	0.087	0.059	0.140	0.138	0.081	0.334	0.661	0.967
	Level 2	Right Tilt	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.330	0.608
LTE B5	Level 2	Left Cheek	0.367	0.300	0.041	0.400	0.346	0.314	0.509	1.067	1.317
	Level 2	Left Tilt	0.074	0.169	0.036	0.345	0.340	0.204	0.476	0.588	0.931
	Level 2	Right Cheek	0.488	0.087	0.059	0.140	0.138	0.081	0.334	0.715	1.021
	Level 2	Right Tilt	0.096	0.080	0.066	0.147	0.155	0.100	0.292	0.331	0.609
LTE B7	Level 2	Left Cheek	0.249	0.300	0.041	0.400	0.346	0.314	0.509	0.949	1.199
	Level 2	Left Tilt	0.065	0.169	0.036	0.345	0.340	0.204	0.476	0.579	0.922
	Level 2	Right Cheek	0.660	0.087	0.059	0.140	0.138	0.081	0.334	0.887	1.193
	Level 2	Right Tilt	0.180	0.080	0.066	0.147	0.155	0.100	0.292	0.415	0.693
LTE B12	Level 2	Left Cheek	0.418	0.300	0.041	0.400	0.346	0.314	0.509	1.118	1.368
	Level 2	Left Tilt	0.081	0.169	0.036	0.345	0.340	0.204	0.476	0.595	0.938
	Level 2	Right Cheek	0.505	0.087	0.059	0.140	0.138	0.081	0.334	0.732	1.038
	Level 2	Right Tilt	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.330	0.608
LTE B17	Level 2	Left Cheek	0.353	0.300	0.041	0.400	0.346	0.314	0.509	1.053	1.303
	Level 2	Left Tilt	0.073	0.169	0.036	0.345	0.340	0.204	0.476	0.587	0.930
	Level 2	Right Cheek	0.447	0.087	0.059	0.140	0.138	0.081	0.334	0.674	0.980
	Level 2	Right Tilt	0.091	0.080	0.066	0.147	0.155	0.100	0.292	0.326	0.604
LTE B26	Level 2	Left Cheek	0.300	0.300	0.041	0.400	0.346	0.314	0.509	1.000	1.250
	Level 2	Left Tilt	0.065	0.169	0.036	0.345	0.340	0.204	0.476	0.579	0.922

	Level 2	Right Cheek	0.348	0.087	0.059	0.140	0.138	0.081	0.334	0.575	0.881
	Level 2	Right Tilt	0.070	0.080	0.066	0.147	0.155	0.100	0.292	0.305	0.583
LTE B38	Level 2	Left Cheek	0.343	0.300	0.041	0.400	0.346	0.314	0.509	1.043	1.293
	Level 2	Left Tilt	0.074	0.169	0.036	0.345	0.340	0.204	0.476	0.588	0.931
	Level 2	Right Cheek	0.771	0.087	0.059	0.140	0.138	0.081	0.334	0.998	1.304
	Level 2	Right Tilt	0.238	0.080	0.066	0.147	0.155	0.100	0.292	0.473	0.751
	Level 2	Left Cheek	0.207	0.300	0.041	0.400	0.346	0.314	0.509	0.907	1.157
LTE B41	Level 2	Left Tilt	0.063	0.169	0.036	0.345	0.340	0.204	0.476	0.577	0.920
	Level 2	Right Cheek	0.572	0.087	0.059	0.140	0.138	0.081	0.334	0.799	1.105
Class 2	Level 2	Right Tilt	0.158	0.080	0.066	0.147	0.155	0.100	0.292	0.393	0.671
	Level 2	Left Cheek	0.195	0.300	0.041	0.400	0.346	0.314	0.509	0.895	1.145
LTE B41	Level 2	Left Tilt	0.062	0.169	0.036	0.345	0.340	0.204	0.476	0.576	0.919
	Level 2	Right Cheek	0.598	0.087	0.059	0.140	0.138	0.081	0.334	0.825	1.131
Class 3	Level 2	Right Tilt	0.156	0.080	0.066	0.147	0.155	0.100	0.292	0.391	0.669

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.368 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.3 Body-worn Simultaneous Transmission SAR Evaluation for WWAN ANT 0 with WLAN 2.4G or WLAN 5G

Band	Power Reduction	Position	Stand alone SAR								SUM SAR					
			1	2	3	4	5	6	7	8	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+8)	Sum SAR (1+5+8)	Sum SAR (1+6+8)	Sum SAR (1+7+8)
			WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.3GWIFI	5.6GWIFI	5.8GWIFI	Bluetooth						
				MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO							
			Level 7	Level 7	Off	Level 7	Level 7	Off	Off							
GSM 850	Level 7&8	Front Side 10mm	0.255	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.308	0.371	0.368	0.502	0.436	0.372
	Level 7&8	Back Side 10mm	0.315	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.380	0.445	0.614	0.843	0.708	0.698
WCDM A B5	Level 7&8	Front Side 10mm	0.251	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.304	0.367	0.364	0.498	0.432	0.368
	Level 7&8	Back Side 10mm	0.333	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.398	0.463	0.632	0.861	0.726	0.716
LTE B5	Level 7&8	Front Side 10mm	0.149	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.202	0.265	0.262	0.396	0.330	0.266
	Level 7&8	Back Side 10mm	0.376	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.441	0.506	0.675	0.904	0.769	0.759
LTE B7	Level 7&8	Front Side 10mm	0.340	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.393	0.456	0.453	0.587	0.521	0.457
	Level 7&8	Back Side 10mm	0.581	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.646	0.711	0.880	1.109	0.974	0.964
LTE B12	Level 7&8	Front Side 10mm	0.159	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.212	0.275	0.272	0.406	0.340	0.276
	Level 7&8	Back Side 10mm	0.257	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.322	0.387	0.556	0.785	0.650	0.640
LTE B17	Level 7&8	Front Side 10mm	0.227	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.280	0.343	0.340	0.474	0.408	0.344
	Level 7&8	Back Side 10mm	0.370	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.435	0.500	0.669	0.898	0.763	0.753
LTE B26	Level 7&8	Front Side 10mm	0.085	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.138	0.201	0.198	0.332	0.266	0.202
	Level 7&8	Back Side 10mm	0.123	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.188	0.253	0.422	0.651	0.516	0.506
LTE B38	Level 7&8	Front Side 10mm	0.375	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.428	0.491	0.488	0.622	0.556	0.492
	Level 7&8	Back Side 10mm	0.621	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.686	0.751	0.920	1.149	1.014	1.004
LTE B41	Level 7&8	Front Side 10mm	0.126	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.179	0.242	0.239	0.373	0.307	0.243
Class 2	Level 7&8	Back Side 10mm	0.267	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.332	0.397	0.566	0.795	0.660	0.650

LTE B41	Level 7&8	Front Side 10mm	0.130	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.183	0.246	0.243	0.377	0.311	0.247
Class 3	Level 7&8	Back Side 10mm	0.276	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.341	0.406	0.575	0.804	0.669	0.659

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.149 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.4 Body-worn Simultaneous Transmission SAR Evaluation for WWAN ANT 0 with WLAN 2.4G and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR							SUM SAR	
			1	2	3	4			5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
			WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
				Level 8	Off	Level 8	Level 8	Level 8	Off		
GSM 850	Level 6	Front Side 10mm	0.255	0.116	0.009	0.143	0.077	0.007	0.104	0.514	0.511
	Level 6	Back Side 10mm	0.315	0.130	0.104	0.333	0.198	0.087	0.195	0.778	0.947
WCDM A B5	Level 6	Front Side 10mm	0.251	0.116	0.009	0.143	0.077	0.007	0.104	0.510	0.507
	Level 6	Back Side 10mm	0.333	0.130	0.104	0.333	0.198	0.087	0.195	0.796	0.965
LTE B5	Level 6	Front Side 10mm	0.149	0.116	0.009	0.143	0.077	0.007	0.104	0.408	0.405
	Level 6	Back Side 10mm	0.376	0.130	0.104	0.333	0.198	0.088	0.195	0.839	1.008
LTE B7	Level 6	Front Side 10mm	0.245	0.116	0.009	0.143	0.077	0.007	0.104	0.504	0.501
	Level 6	Back Side 10mm	0.423	0.130	0.104	0.333	0.198	0.088	0.195	0.886	1.055
LTE B12	Level 6	Front Side 10mm	0.159	0.116	0.009	0.143	0.077	0.007	0.104	0.418	0.415
	Level 6	Back Side 10mm	0.257	0.130	0.104	0.333	0.198	0.088	0.195	0.720	0.889
LTE B17	Level 6	Front Side 10mm	0.227	0.116	0.009	0.143	0.077	0.007	0.104	0.486	0.483
	Level 6	Back Side 10mm	0.370	0.130	0.104	0.333	0.198	0.088	0.195	0.833	1.002
LTE B26	Level 6	Front Side 10mm	0.085	0.116	0.009	0.143	0.077	0.007	0.104	0.344	0.341
	Level 6	Back Side 10mm	0.123	0.130	0.104	0.333	0.198	0.088	0.195	0.586	0.755
LTE B38	Level 6	Front Side 10mm	0.375	0.116	0.009	0.143	0.077	0.007	0.104	0.634	0.631
	Level 6	Back Side 10mm	0.621	0.130	0.104	0.333	0.198	0.088	0.195	1.084	1.253
LTE B41	Level 6	Front Side 10mm	0.126	0.116	0.009	0.143	0.077	0.007	0.104	0.385	0.382
Class 2	Level 6	Back Side 10mm	0.267	0.130	0.104	0.333	0.198	0.088	0.195	0.730	0.899
LTE B41	Level 6	Front Side 10mm	0.130	0.116	0.009	0.143	0.077	0.007	0.104	0.389	0.386
Class 3	Level 6	Back Side 10mm	0.276	0.130	0.104	0.333	0.198	0.088	0.195	0.739	0.908

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.253 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.5 Hotspot Simultaneous Transmission SAR Evaluation for WWAN ANT 0 with WLAN 2.4G or WLAN 5G

Band	Power Reduction	Position	Stand alone SAR							SUM SAR				
			1	2	3	4	5	6	7	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+7)	Sum SAR (1+5+7)	Sum SAR (1+6+7)
			WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.2GWIFI	5.8GWIFI	Bluetooth					
				MIMO	ANT 0	ANT 1	MIMO	MIMO						
			Level 7	Level 7	Off	Level 7	Level 7	Off						
GSM 850	Level 7&8	Front Side 10mm	0.255	0.053	0.116	0.009	0.197	0.013	0.104	0.308	0.371	0.368	0.556	0.372
	Level 7&8	Back Side 10mm	0.315	0.065	0.130	0.104	0.489	0.188	0.195	0.380	0.445	0.614	0.999	0.698
	Level 7&8	Left Edge 10mm	0.006	0.032	0.054	0.003	0.154	0.087	0.082	0.038	0.060	0.091	0.242	0.175
	Level 7&8	Right Edge 10mm	0.314	0.000	0.000	0.000	0.000	0.000	0.000	0.314	0.314	0.314	0.314	0.314
	Level 7&8	Top Edge 10mm	0.029	0.104	0.173	0.036	0.507	0.082	0.161	0.133	0.202	0.226	0.697	0.272
WCDM A B5	Level 7&8	Front Side 10mm	0.251	0.053	0.116	0.009	0.197	0.013	0.104	0.304	0.367	0.364	0.552	0.368
	Level 7&8	Back Side 10mm	0.333	0.065	0.130	0.104	0.489	0.188	0.195	0.398	0.463	0.632	1.017	0.716
	Level 7&8	Left Edge 10mm	0.008	0.032	0.054	0.003	0.154	0.087	0.082	0.040	0.062	0.093	0.244	0.177
	Level 7&8	Right Edge 10mm	0.387	0.000	0.000	0.000	0.000	0.000	0.000	0.387	0.387	0.387	0.387	0.387
	Level 7&8	Top Edge 10mm	0.020	0.104	0.173	0.036	0.507	0.082	0.161	0.124	0.193	0.217	0.688	0.263
LTE B5	Level 7&8	Front Side 10mm	0.149	0.053	0.116	0.009	0.197	0.013	0.104	0.202	0.265	0.262	0.450	0.266
	Level 7&8	Back Side 10mm	0.376	0.065	0.130	0.104	0.489	0.188	0.195	0.441	0.506	0.675	1.060	0.759
	Level 7&8	Left Edge 10mm	0.010	0.032	0.054	0.003	0.154	0.087	0.082	0.042	0.064	0.095	0.246	0.179
	Level 7&8	Right Edge 10mm	0.570	0.000	0.000	0.000	0.000	0.000	0.000	0.570	0.570	0.570	0.570	0.570
	Level 7&8	Top Edge 10mm	0.016	0.104	0.173	0.036	0.507	0.082	0.161	0.120	0.189	0.213	0.684	0.259
LTE B7	Level 7&8	Front Side 10mm	0.340	0.053	0.116	0.009	0.197	0.013	0.104	0.393	0.456	0.453	0.641	0.457
	Level 7&8	Back Side 10mm	0.581	0.065	0.130	0.104	0.489	0.188	0.195	0.646	0.711	0.880	1.265	0.964
	Level 7&8	Left Edge 10mm	0.008	0.032	0.054	0.003	0.154	0.087	0.082	0.040	0.062	0.093	0.244	0.177
	Level 7&8	Right Edge 10mm	0.506	0.000	0.000	0.000	0.000	0.000	0.000	0.506	0.506	0.506	0.506	0.506
	Level 7&8	Top Edge 10mm	0.059	0.104	0.173	0.036	0.507	0.082	0.161	0.163	0.232	0.256	0.727	0.302
LTE B12	Level 7&8	Front Side 10mm	0.159	0.053	0.116	0.009	0.197	0.013	0.104	0.212	0.275	0.272	0.460	0.276
	Level 7&8	Back Side 10mm	0.257	0.065	0.130	0.104	0.489	0.188	0.195	0.322	0.387	0.556	0.941	0.640
	Level 7&8	Left Edge 10mm	0.004	0.032	0.054	0.003	0.154	0.087	0.082	0.036	0.058	0.089	0.240	0.173
	Level 7&8	Right Edge 10mm	0.209	0.000	0.000	0.000	0.000	0.000	0.000	0.209	0.209	0.209	0.209	0.209
	Level 7&8	Top Edge 10mm	0.023	0.104	0.173	0.036	0.507	0.082	0.161	0.127	0.196	0.220	0.691	0.266
LTE B17	Level 7&8	Front Side 10mm	0.227	0.053	0.116	0.009	0.197	0.013	0.104	0.280	0.343	0.340	0.528	0.344
	Level 7&8	Back Side 10mm	0.370	0.065	0.130	0.104	0.489	0.188	0.195	0.435	0.500	0.669	1.054	0.753
	Level 7&8	Left Edge 10mm	0.007	0.032	0.054	0.003	0.154	0.087	0.082	0.039	0.061	0.092	0.243	0.176
	Level 7&8	Right Edge 10mm	0.318	0.000	0.000	0.000	0.000	0.000	0.000	0.318	0.318	0.318	0.318	0.318
	Level 7&8	Top Edge 10mm	0.015	0.104	0.173	0.036	0.507	0.082	0.161	0.119	0.188	0.212	0.683	0.258
LTE B26	Level 7&8	Front Side 10mm	0.085	0.053	0.116	0.009	0.197	0.013	0.104	0.138	0.201	0.198	0.386	0.202
	Level 7&8	Back Side 10mm	0.123	0.065	0.130	0.104	0.489	0.188	0.195	0.188	0.253	0.422	0.807	0.506
	Level 7&8	Left Edge 10mm	0.003	0.032	0.054	0.003	0.154	0.087	0.082	0.035	0.057	0.088	0.239	0.172
	Level 7&8	Right Edge 10mm	0.147	0.000	0.000	0.000	0.000	0.000	0.000	0.147	0.147	0.147	0.147	0.147
	Level 7&8	Top Edge 10mm	0.007	0.104	0.173	0.036	0.507	0.082	0.161	0.111	0.180	0.204	0.675	0.250
LTE B38	Level 7&8	Front Side 10mm	0.375	0.053	0.116	0.009	0.197	0.013	0.104	0.428	0.491	0.488	0.676	0.492

	Level 7&8	Back Side 10mm	0.621	0.065	0.130	0.104	0.489	0.188	0.195	0.686	0.751	0.920	1.305	1.004
	Level 7&8	Left Edge 10mm	0.007	0.032	0.054	0.003	0.154	0.087	0.082	0.039	0.061	0.092	0.243	0.176
	Level 7&8	Right Edge 10mm	0.479	0.000	0.000	0.000	0.000	0.000	0.000	0.479	0.479	0.479	0.479	0.479
	Level 7&8	Top Edge 10mm	0.054	0.104	0.173	0.036	0.507	0.082	0.161	0.158	0.227	0.251	0.722	0.297
	Level 7&8	Front Side 10mm	0.126	0.053	0.116	0.009	0.197	0.013	0.104	0.179	0.242	0.239	0.427	0.243
LTE B41 Class 2	Level 7&8	Back Side 10mm	0.267	0.065	0.130	0.104	0.489	0.188	0.195	0.332	0.397	0.566	0.951	0.650
	Level 7&8	Left Edge 10mm	0.003	0.032	0.054	0.003	0.154	0.087	0.082	0.035	0.057	0.088	0.239	0.172
	Level 7&8	Right Edge 10mm	0.197	0.000	0.000	0.000	0.000	0.000	0.000	0.197	0.197	0.197	0.197	0.197
	Level 7&8	Top Edge 10mm	0.023	0.104	0.173	0.036	0.507	0.082	0.161	0.127	0.196	0.220	0.691	0.266
	Level 7&8	Front Side 10mm	0.130	0.053	0.116	0.009	0.197	0.013	0.104	0.183	0.246	0.243	0.431	0.247
LTE B41 Class 3	Level 7&8	Back Side 10mm	0.276	0.065	0.130	0.104	0.489	0.188	0.195	0.341	0.406	0.575	0.960	0.659
	Level 7&8	Left Edge 10mm	0.002	0.032	0.054	0.003	0.154	0.087	0.082	0.034	0.056	0.087	0.238	0.171
	Level 7&8	Right Edge 10mm	0.205	0.000	0.000	0.000	0.000	0.000	0.000	0.205	0.205	0.205	0.205	0.205
	Level 7&8	Top Edge 10mm	0.018	0.104	0.173	0.036	0.507	0.082	0.161	0.122	0.191	0.215	0.686	0.261
	Level 7&8	Front Side 10mm	0.130	0.053	0.116	0.009	0.197	0.013	0.104	0.183	0.246	0.243	0.431	0.247
Note:														
1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.														
2: The highest Summed 1g SAR is 1.305 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.														

12.2.6 Hotspot Simultaneous Transmission SAR Evaluation for WWAN ANT 0 with WLAN 2.4G and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR						SUM SAR	
			1	2	3	4		5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
			WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.2GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
				Level 8	Off	Level 8	Level 8	Off		
GSM 850	Level 6	Front Side 10mm	0.255	0.116	0.009	0.132	0.007	0.104	0.503	0.500
	Level 6	Back Side 10mm	0.315	0.130	0.104	0.324	0.088	0.195	0.769	0.938
	Level 6	Left Edge 10mm	0.006	0.054	0.003	0.096	0.044	0.082	0.156	0.187
	Level 6	Right Edge 10mm	0.314	0.000	0.000	0.000	0.000	0.000	0.314	0.314
	Level 6	Top Edge 10mm	0.029	0.173	0.036	0.334	0.037	0.161	0.536	0.560
WCDMA B5	Level 6	Front Side 10mm	0.251	0.116	0.009	0.132	0.007	0.104	0.499	0.496
	Level 6	Back Side 10mm	0.333	0.130	0.104	0.324	0.088	0.195	0.787	0.956
	Level 6	Left Edge 10mm	0.008	0.054	0.003	0.096	0.044	0.082	0.158	0.189
	Level 6	Right Edge 10mm	0.387	0.000	0.000	0.000	0.000	0.000	0.387	0.387
	Level 6	Top Edge 10mm	0.020	0.173	0.036	0.334	0.037	0.161	0.527	0.551
LTE B5	Level 6	Front Side 10mm	0.149	0.116	0.009	0.132	0.007	0.104	0.397	0.394
	Level 6	Back Side 10mm	0.376	0.130	0.104	0.324	0.088	0.195	0.830	0.999
	Level 6	Left Edge 10mm	0.010	0.054	0.003	0.096	0.044	0.082	0.160	0.191
	Level 6	Right Edge 10mm	0.570	0.000	0.000	0.000	0.000	0.000	0.570	0.570
	Level 6	Top Edge 10mm	0.016	0.173	0.036	0.334	0.037	0.161	0.523	0.547
LTE B7	Level 6	Front Side 10mm	0.245	0.116	0.009	0.132	0.007	0.104	0.493	0.490
	Level 6	Back Side 10mm	0.423	0.130	0.104	0.324	0.088	0.195	0.877	1.046

	Level 6	Left Edge 10mm	0.006	0.054	0.003	0.096	0.044	0.082	0.156	0.187
	Level 6	Right Edge 10mm	0.372	0.000	0.000	0.000	0.000	0.000	0.372	0.372
	Level 6	Top Edge 10mm	0.047	0.173	0.036	0.334	0.037	0.161	0.554	0.578
LTE B12	Level 6	Front Side 10mm	0.159	0.116	0.009	0.132	0.007	0.104	0.407	0.404
	Level 6	Back Side 10mm	0.257	0.130	0.104	0.324	0.088	0.195	0.711	0.880
	Level 6	Left Edge 10mm	0.004	0.054	0.003	0.096	0.044	0.082	0.154	0.185
	Level 6	Right Edge 10mm	0.209	0.000	0.000	0.000	0.000	0.000	0.209	0.209
	Level 6	Top Edge 10mm	0.023	0.173	0.036	0.334	0.037	0.161	0.530	0.554
LTE B17	Level 6	Front Side 10mm	0.227	0.116	0.009	0.132	0.007	0.104	0.475	0.472
	Level 6	Back Side 10mm	0.370	0.130	0.104	0.324	0.088	0.195	0.824	0.993
	Level 6	Left Edge 10mm	0.007	0.054	0.003	0.096	0.044	0.082	0.157	0.188
	Level 6	Right Edge 10mm	0.319	0.000	0.000	0.000	0.000	0.000	0.319	0.319
	Level 6	Top Edge 10mm	0.015	0.173	0.036	0.334	0.037	0.161	0.522	0.546
LTE B26	Level 6	Front Side 10mm	0.085	0.116	0.009	0.132	0.007	0.104	0.333	0.330
	Level 6	Back Side 10mm	0.123	0.130	0.104	0.324	0.088	0.195	0.577	0.746
	Level 6	Left Edge 10mm	0.003	0.054	0.003	0.096	0.044	0.082	0.153	0.184
	Level 6	Right Edge 10mm	0.147	0.000	0.000	0.000	0.000	0.000	0.147	0.147
	Level 6	Top Edge 10mm	0.007	0.173	0.036	0.334	0.037	0.161	0.514	0.538
LTE B38	Level 6	Front Side 10mm	0.375	0.116	0.009	0.132	0.007	0.104	0.623	0.620
	Level 6	Back Side 10mm	0.621	0.130	0.104	0.324	0.088	0.195	1.075	1.244
	Level 6	Left Edge 10mm	0.007	0.054	0.003	0.096	0.044	0.082	0.157	0.188
	Level 6	Right Edge 10mm	0.479	0.000	0.000	0.000	0.000	0.000	0.479	0.479
	Level 6	Top Edge 10mm	0.054	0.173	0.036	0.334	0.037	0.161	0.561	0.585
LTE B41 Class 2	Level 6	Front Side 10mm	0.126	0.116	0.009	0.132	0.007	0.104	0.374	0.371
	Level 6	Back Side 10mm	0.267	0.130	0.104	0.324	0.088	0.195	0.721	0.890
	Level 6	Left Edge 10mm	0.003	0.054	0.003	0.096	0.044	0.082	0.153	0.184
	Level 6	Right Edge 10mm	0.197	0.000	0.000	0.000	0.000	0.000	0.197	0.197
	Level 6	Top Edge 10mm	0.023	0.173	0.036	0.334	0.037	0.161	0.530	0.554
LTE B41 Class 3	Level 6	Front Side 10mm	0.130	0.116	0.009	0.132	0.007	0.104	0.378	0.375
	Level 6	Back Side 10mm	0.276	0.130	0.104	0.324	0.088	0.195	0.730	0.899
	Level 6	Left Edge 10mm	0.002	0.054	0.003	0.096	0.044	0.082	0.152	0.183
	Level 6	Right Edge 10mm	0.205	0.000	0.000	0.000	0.000	0.000	0.205	0.205
	Level 6	Top Edge 10mm	0.018	0.173	0.036	0.334	0.037	0.161	0.525	0.549

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.244 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.7 Head Simultaneous Transmission SAR Evaluation for WWAN ANT 1&3 with WLAN 2.4G or WLAN 5G

Band	Antenna	Power Reduction	Position	Stand alone SAR								SUM SAR					
				1	2	3	4	5	6	7	8	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+8)	Sum SAR (1+5+8)	Sum SAR (1+6+8)	Sum SAR (1+7+8)
				WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.3GWIFI	5.6GWIFI	5.8GWIFI	Bluetooth						
					MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO							
					Level 3	Level 3	Off	Level 3	Level 3	Level 3	Off						
GSM 850	ANT1	Level 1&2&3&4	Left Cheek	0.282	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.457	0.582	0.832	1.191	1.137	1.105
	ANT1	Level 1&2&3&4	Left Tilt	0.197	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.344	0.366	0.708	1.017	1.012	0.876
	ANT1	Level 1&2&3&4	Right Cheek	0.260	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.348	0.347	0.653	0.734	0.732	0.675
	ANT1	Level 1&2&3&4	Right Tilt	0.095	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.190	0.175	0.453	0.534	0.542	0.487
GSM19 00	ANT3	Off	Left Cheek	0.088	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.263	0.388	0.638	0.997	0.943	0.911
	ANT3	Off	Left Tilt	0.165	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.312	0.334	0.676	0.985	0.980	0.844
	ANT3	Off	Right Cheek	0.103	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.191	0.190	0.496	0.577	0.575	0.518
	ANT3	Off	Right Tilt	0.205	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.300	0.285	0.563	0.644	0.652	0.597
WCDM A B2	ANT3	Off	Left Cheek	0.105	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.280	0.405	0.655	1.014	0.960	0.928
	ANT3	Off	Left Tilt	0.159	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.306	0.328	0.670	0.979	0.974	0.838
	ANT3	Off	Right Cheek	0.113	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.201	0.200	0.506	0.587	0.585	0.528
	ANT3	Off	Right Tilt	0.153	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.248	0.233	0.511	0.592	0.600	0.545
WCDM A B4	ANT3	Off	Left Cheek	0.131	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.306	0.431	0.681	1.040	0.986	0.954
	ANT3	Off	Left Tilt	0.176	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.323	0.345	0.687	0.996	0.991	0.855
	ANT3	Off	Right Cheek	0.113	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.201	0.200	0.506	0.587	0.585	0.528
	ANT3	Off	Right Tilt	0.168	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.263	0.248	0.526	0.607	0.615	0.560
WCDM A B5	ANT1	Off	Left Cheek	0.280	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.455	0.580	0.830	1.189	1.135	1.103
	ANT1	Off	Left Tilt	0.190	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.337	0.359	0.701	1.010	1.005	0.869
	ANT1	Off	Right Cheek	0.367	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.455	0.454	0.760	0.841	0.839	0.782
	ANT1	Off	Right Tilt	0.198	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.293	0.278	0.556	0.637	0.645	0.590
LTE B2	ANT3	Off	Left Cheek	0.121	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.296	0.421	0.671	1.030	0.976	0.944
	ANT3	Off	Left Tilt	0.141	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.288	0.310	0.652	0.961	0.956	0.820
	ANT3	Off	Right Cheek	0.186	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.274	0.273	0.579	0.660	0.658	0.601
	ANT3	Off	Right Tilt	0.131	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.226	0.211	0.489	0.570	0.578	0.523
LTE B4	ANT3	Off	Left Cheek	0.102	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.277	0.402	0.652	1.011	0.957	0.925
	ANT3	Off	Left Tilt	0.146	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.293	0.315	0.657	0.966	0.961	0.825
	ANT3	Off	Right Cheek	0.111	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.199	0.198	0.504	0.585	0.583	0.526
	ANT3	Off	Right Tilt	0.154	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.249	0.234	0.512	0.593	0.601	0.546
LTE B5	ANT1	Off	Left Cheek	0.371	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.546	0.671	0.921	1.280	1.226	1.194
	ANT1	Off	Left Tilt	0.245	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.392	0.414	0.756	1.065	1.060	0.924
	ANT1	Off	Right Cheek	0.514	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.602	0.601	0.907	0.988	0.986	0.929
	ANT1	Off	Right Tilt	0.271	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.366	0.351	0.629	0.710	0.718	0.663
LTE B7	ANT3	Off	Left Cheek	0.115	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.290	0.415	0.665	1.024	0.970	0.938
	ANT3	Off	Left Tilt	0.055	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.202	0.224	0.566	0.875	0.870	0.734
	ANT3	Off	Right Cheek	0.165	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.253	0.252	0.558	0.639	0.637	0.580
	ANT3	Off	Right Tilt	0.108	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.203	0.188	0.466	0.547	0.555	0.500

LTE B12	ANT1	Off	Left Cheek	0.313	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.488	0.613	0.863	1.222	1.168	1.136
	ANT1	Off	Left Tilt	0.209	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.356	0.378	0.720	1.029	1.024	0.888
	ANT1	Off	Right Cheek	0.437	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.525	0.524	0.830	0.911	0.909	0.852
	ANT1	Off	Right Tilt	0.192	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.287	0.272	0.550	0.631	0.639	0.584
LTE B17	ANT1	Off	Left Cheek	0.310	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.485	0.610	0.860	1.219	1.165	1.133
	ANT1	Off	Left Tilt	0.235	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.382	0.404	0.746	1.055	1.050	0.914
	ANT1	Off	Right Cheek	0.453	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.541	0.540	0.846	0.927	0.925	0.868
	ANT1	Off	Right Tilt	0.252	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.347	0.332	0.610	0.691	0.699	0.644
LTE B26	ANT1	Off	Left Cheek	0.132	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.307	0.432	0.682	1.041	0.987	0.955
	ANT1	Off	Left Tilt	0.081	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.228	0.250	0.592	0.901	0.896	0.760
	ANT1	Off	Right Cheek	0.151	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.239	0.238	0.544	0.625	0.623	0.566
	ANT1	Off	Right Tilt	0.083	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.178	0.163	0.441	0.522	0.530	0.475
LTE B38	ANT3	Off	Left Cheek	0.140	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.315	0.440	0.690	1.049	0.995	0.963
	ANT3	Off	Left Tilt	0.100	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.247	0.269	0.611	0.920	0.915	0.779
	ANT3	Off	Right Cheek	0.210	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.298	0.297	0.603	0.684	0.682	0.625
	ANT3	Off	Right Tilt	0.115	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.210	0.195	0.473	0.554	0.562	0.507
LTE B41	ANT3	Off	Left Cheek	0.059	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.234	0.359	0.609	0.968	0.914	0.882
	ANT3	Off	Left Tilt	0.050	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.197	0.219	0.561	0.870	0.865	0.729
	ANT3	Off	Right Cheek	0.119	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.207	0.206	0.512	0.593	0.591	0.534
	ANT3	Off	Right Tilt	0.043	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.138	0.123	0.401	0.482	0.490	0.435
Class 2	ANT3	Off	Left Cheek	0.066	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.241	0.366	0.616	0.975	0.921	0.889
	ANT3	Off	Left Tilt	0.055	0.147	0.169	0.036	0.345	0.340	0.204	0.475	0.202	0.224	0.566	0.875	0.870	0.734
	ANT3	Off	Right Cheek	0.129	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.217	0.216	0.522	0.603	0.601	0.544
	ANT3	Off	Right Tilt	0.051	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.146	0.131	0.409	0.490	0.498	0.443

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.28 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.8 Head Simultaneous Transmission SAR Evaluation for WWAN ANT 1&3 with WLAN 2.4G and WLAN 5G

Band	Antenna	Power Reduction	Position	Stand alone SAR							SUM SAR	
				1	2	3	4			5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
				WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
					Level 4	Off	Level 4	Level 4	Level 4	Off		
GSM 850	ANT1	Level 1&2&3&4	Left Cheek	0.282	0.300	0.041	0.400	0.346	0.314	0.509	0.982	1.232
	ANT1	Level 1&2&3&4	Left Tilt	0.197	0.169	0.036	0.345	0.340	0.204	0.475	0.711	1.053
	ANT1	Level 1&2&3&4	Right Cheek	0.260	0.087	0.059	0.140	0.138	0.081	0.334	0.487	0.793
	ANT1	Level 1&2&3&4	Right Tilt	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.330	0.608
GSM19 00	ANT3	Off	Left Cheek	0.088	0.300	0.041	0.400	0.346	0.314	0.509	0.788	1.038
	ANT3	Off	Left Tilt	0.165	0.169	0.036	0.345	0.340	0.204	0.475	0.679	1.021
	ANT3	Off	Right Cheek	0.103	0.087	0.059	0.140	0.138	0.081	0.334	0.330	0.636
	ANT3	Off	Right Tilt	0.205	0.080	0.066	0.147	0.155	0.100	0.292	0.440	0.718

WCDM A B2	ANT3	Off	Left Cheek	0.105	0.300	0.041	0.400	0.346	0.314	0.509	0.805	1.055
	ANT3	Off	Left Tilt	0.159	0.169	0.036	0.345	0.340	0.204	0.475	0.673	1.015
	ANT3	Off	Right Cheek	0.113	0.087	0.059	0.140	0.138	0.081	0.334	0.340	0.646
	ANT3	Off	Right Tilt	0.153	0.080	0.066	0.147	0.155	0.100	0.292	0.388	0.666
WCDM A B4	ANT3	Off	Left Cheek	0.131	0.300	0.041	0.400	0.346	0.314	0.509	0.831	1.081
	ANT3	Off	Left Tilt	0.176	0.169	0.036	0.345	0.340	0.204	0.475	0.690	1.032
	ANT3	Off	Right Cheek	0.113	0.087	0.059	0.140	0.138	0.081	0.334	0.340	0.646
	ANT3	Off	Right Tilt	0.168	0.080	0.066	0.147	0.155	0.100	0.292	0.403	0.681
WCDM A B5	ANT1	Off	Left Cheek	0.280	0.300	0.041	0.400	0.346	0.314	0.509	0.980	1.230
	ANT1	Off	Left Tilt	0.190	0.169	0.036	0.345	0.340	0.204	0.475	0.704	1.046
	ANT1	Off	Right Cheek	0.367	0.087	0.059	0.140	0.138	0.081	0.334	0.594	0.900
	ANT1	Off	Right Tilt	0.198	0.080	0.066	0.147	0.155	0.100	0.292	0.433	0.711
LTE B2	ANT3	Off	Left Cheek	0.121	0.300	0.041	0.400	0.346	0.314	0.509	0.821	1.071
	ANT3	Off	Left Tilt	0.141	0.169	0.036	0.345	0.340	0.204	0.475	0.655	0.997
	ANT3	Off	Right Cheek	0.186	0.087	0.059	0.140	0.138	0.081	0.334	0.413	0.719
	ANT3	Off	Right Tilt	0.131	0.080	0.066	0.147	0.155	0.100	0.292	0.366	0.644
LTE B4	ANT3	Off	Left Cheek	0.102	0.300	0.041	0.400	0.346	0.314	0.509	0.802	1.052
	ANT3	Off	Left Tilt	0.146	0.169	0.036	0.345	0.340	0.204	0.475	0.660	1.002
	ANT3	Off	Right Cheek	0.111	0.087	0.059	0.140	0.138	0.081	0.334	0.338	0.644
	ANT3	Off	Right Tilt	0.154	0.080	0.066	0.147	0.155	0.100	0.292	0.389	0.667
LTE B5	ANT1	Off	Left Cheek	0.371	0.300	0.041	0.400	0.346	0.314	0.509	1.071	1.321
	ANT1	Off	Left Tilt	0.245	0.169	0.036	0.345	0.340	0.204	0.475	0.759	1.101
	ANT1	Off	Right Cheek	0.514	0.087	0.059	0.140	0.138	0.081	0.334	0.741	1.047
	ANT1	Off	Right Tilt	0.271	0.080	0.066	0.147	0.155	0.100	0.292	0.506	0.784
LTE B7	ANT3	Off	Left Cheek	0.115	0.300	0.041	0.400	0.346	0.314	0.509	0.815	1.065
	ANT3	Off	Left Tilt	0.055	0.169	0.036	0.345	0.340	0.204	0.475	0.569	0.911
	ANT3	Off	Right Cheek	0.165	0.087	0.059	0.140	0.138	0.081	0.334	0.392	0.698
	ANT3	Off	Right Tilt	0.108	0.080	0.066	0.147	0.155	0.100	0.292	0.343	0.621
LTE B12	ANT1	Off	Left Cheek	0.313	0.300	0.041	0.400	0.346	0.314	0.509	1.013	1.263
	ANT1	Off	Left Tilt	0.209	0.169	0.036	0.345	0.340	0.204	0.475	0.723	1.065
	ANT1	Off	Right Cheek	0.437	0.087	0.059	0.140	0.138	0.081	0.334	0.664	0.970
	ANT1	Off	Right Tilt	0.192	0.080	0.066	0.147	0.155	0.100	0.292	0.427	0.705
LTE B17	ANT1	Off	Left Cheek	0.310	0.300	0.041	0.400	0.346	0.314	0.509	1.010	1.260
	ANT1	Off	Left Tilt	0.235	0.169	0.036	0.345	0.340	0.204	0.475	0.749	1.091
	ANT1	Off	Right Cheek	0.453	0.087	0.059	0.140	0.138	0.081	0.334	0.680	0.986
	ANT1	Off	Right Tilt	0.252	0.080	0.066	0.147	0.155	0.100	0.292	0.487	0.765
LTE B26	ANT1	Off	Left Cheek	0.132	0.300	0.041	0.400	0.346	0.314	0.509	0.832	1.082
	ANT1	Off	Left Tilt	0.081	0.169	0.036	0.345	0.340	0.204	0.475	0.595	0.937
	ANT1	Off	Right Cheek	0.151	0.087	0.059	0.140	0.138	0.081	0.334	0.378	0.684
	ANT1	Off	Right Tilt	0.083	0.080	0.066	0.147	0.155	0.100	0.292	0.318	0.596
LTE B38	ANT3	Off	Left Cheek	0.140	0.300	0.041	0.400	0.346	0.314	0.509	0.840	1.090
	ANT3	Off	Left Tilt	0.100	0.169	0.036	0.345	0.340	0.204	0.475	0.614	0.956
	ANT3	Off	Right Cheek	0.210	0.087	0.059	0.140	0.138	0.081	0.334	0.437	0.743
	ANT3	Off	Right Tilt	0.115	0.080	0.066	0.147	0.155	0.100	0.292	0.350	0.628

LTE B41 Class 2	ANT3	Off	Left Cheek	0.059	0.300	0.041	0.400	0.346	0.314	0.509	0.759	1.009
	ANT3	Off	Left Tilt	0.050	0.169	0.036	0.345	0.340	0.204	0.475	0.564	0.906
	ANT3	Off	Right Cheek	0.119	0.087	0.059	0.140	0.138	0.081	0.334	0.346	0.652
	ANT3	Off	Right Tilt	0.043	0.080	0.066	0.147	0.155	0.100	0.292	0.278	0.556
LTE B41 Class 3	ANT3	Off	Left Cheek	0.066	0.300	0.041	0.400	0.346	0.314	0.509	0.766	1.016
	ANT3	Off	Left Tilt	0.055	0.169	0.036	0.345	0.340	0.204	0.475	0.569	0.911
	ANT3	Off	Right Cheek	0.129	0.087	0.059	0.140	0.138	0.081	0.334	0.356	0.662
	ANT3	Off	Right Tilt	0.051	0.080	0.066	0.147	0.155	0.100	0.292	0.286	0.564

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.321 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.9 Body-worn Simultaneous Transmission SAR Evaluation for WWAN ANT 1&3 with WLAN 2.4G or WLAN 5G

Band	Antenna	Power Reduction	Position	Stand alone SAR								SUM SAR					
				1	2	3	4	5	6	7	8	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+8)	Sum SAR (1+5+8)	Sum SAR (1+6+8)	Sum SAR (1+7+8)
				WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.3GWIFI	5.6GWIFI	5.8GWIFI	Bluetooth						
					MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO							
					Level 7	Level 7	Off	Level 7	Level 7	Level 7	Off						
GSM 850	ANT1	Level 7&8	Front Side 10mm	0.298	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.351	0.414	0.411	0.545	0.479	0.415
	ANT1	Level 7&8	Back Side 10mm	0.462	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.527	0.592	0.761	0.990	0.855	0.845
GSM19 00	ANT3	Off	Front Side 10mm	0.177	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.230	0.293	0.290	0.424	0.358	0.294
	ANT3	Off	Back Side 10mm	0.202	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.267	0.332	0.501	0.730	0.595	0.585
WCDM A B2	ANT3	Level 7&8	Front Side 10mm	0.145	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.198	0.261	0.258	0.392	0.326	0.262
	ANT3	Level 7&8	Back Side 10mm	0.187	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.252	0.317	0.486	0.715	0.580	0.570
WCDM A B4	ANT3	Off	Front Side 10mm	0.113	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.166	0.229	0.226	0.360	0.294	0.230
	ANT3	Off	Back Side 10mm	0.121	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.186	0.251	0.420	0.649	0.514	0.504
WCDM A B5	ANT1	Level 7&8	Front Side 10mm	0.271	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.324	0.387	0.384	0.518	0.452	0.388
	ANT1	Level 7&8	Back Side 10mm	0.325	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.390	0.455	0.624	0.853	0.718	0.708
LTE B2	ANT3	Level 7&8	Front Side 10mm	0.221	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.274	0.337	0.334	0.468	0.402	0.338
	ANT3	Level 7&8	Back Side 10mm	0.255	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.320	0.385	0.554	0.783	0.648	0.638
LTE B4	ANT3	Off	Front Side 10mm	0.092	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.145	0.208	0.205	0.339	0.273	0.209
	ANT3	Off	Back Side 10mm	0.102	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.167	0.232	0.401	0.630	0.495	0.485
LTE B5	ANT1	Level 7&8	Front Side 10mm	0.442	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.495	0.558	0.555	0.689	0.623	0.559
	ANT1	Level 7&8	Back Side 10mm	0.543	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.608	0.673	0.842	1.071	0.936	0.926
LTE B7	ANT3	Level 7&8	Front Side 10mm	0.271	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.324	0.387	0.384	0.518	0.452	0.388
	ANT3	Level 7&8	Back Side 10mm	0.306	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.371	0.436	0.605	0.834	0.699	0.689
LTE B12	ANT1	Level 7&8	Front Side 10mm	0.302	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.355	0.418	0.415	0.549	0.483	0.419
	ANT1	Level 7&8	Back Side 10mm	0.345	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.410	0.475	0.644	0.873	0.738	0.728
LTE B17	ANT1	Level 7&8	Front Side 10mm	0.298	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.351	0.414	0.411	0.545	0.479	0.415
	ANT1	Level 7&8	Back Side 10mm	0.340	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.405	0.470	0.639	0.868	0.733	0.723
LTE B26	ANT1	Level 7&8	Front Side 10mm	0.132	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.185	0.248	0.245	0.379	0.313	0.249
	ANT1	Level 7&8	Back Side 10mm	0.162	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.227	0.292	0.461	0.690	0.555	0.545
LTE B38	ANT3	Off	Front Side 10mm	0.474	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.527	0.590	0.587	0.721	0.655	0.591

	ANT3	Off	Back Side 10mm	0.492	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.557	0.622	0.791	1.020	0.885	0.875
LTE B41	ANT3	Level 7&8	Front Side 10mm	0.207	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.260	0.323	0.320	0.454	0.388	0.324
Class 2	ANT3	Level 7&8	Back Side 10mm	0.282	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.347	0.412	0.581	0.810	0.675	0.665
LTE B41	ANT3	Level 7&8	Front Side 10mm	0.223	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.276	0.339	0.336	0.470	0.404	0.340
Class 3	ANT3	Level 7&8	Back Side 10mm	0.286	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.351	0.416	0.585	0.814	0.679	0.669

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.071 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.10 Body-worn Simultaneous Transmission SAR Evaluation for WWAN ANT 1&3 with WLAN 2.4G and WLAN 5G

Band	Antenna	Power Reduction	Position	Stand alone SAR							SUM SAR	
				1	2	3	4	5	6	7	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
				WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
					Level 8	Off	Level 8	Level 8	Level 8	Off		
GSM 850	ANT1	Level 6	Front Side 10mm	0.298	0.116	0.009	0.143	0.077	0.007	0.104	0.557	0.554
	ANT1	Level 6	Back Side 10mm	0.462	0.130	0.104	0.333	0.198	0.088	0.195	0.925	1.094
	ANT1	Level 6	Left Edge 10mm	0.054	0.054	0.003	0.123	0.077	0.044	0.082	0.231	0.262
	ANT1	Level 6	Right Edge 10mm	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.019
	ANT1	Level 6	Top Edge 10mm	0.281	0.173	0.036	0.357	0.222	0.037	0.161	0.811	0.835
GSM1900	ANT3	Off	Front Side 10mm	0.177	0.116	0.009	0.143	0.077	0.007	0.104	0.436	0.433
	ANT3	Off	Back Side 10mm	0.202	0.130	0.104	0.333	0.198	0.088	0.195	0.665	0.834
	ANT3	Off	Left Edge 10mm	0.078	0.054	0.003	0.123	0.077	0.044	0.082	0.255	0.286
	ANT3	Off	Right Edge 10mm	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
	ANT3	Off	Top Edge 10mm	0.189	0.173	0.036	0.357	0.222	0.037	0.161	0.719	0.743
WCDM AB2	ANT3	Level 6	Front Side 10mm	0.145	0.116	0.009	0.143	0.077	0.007	0.104	0.404	0.401
	ANT3	Level 6	Back Side 10mm	0.187	0.130	0.104	0.333	0.198	0.088	0.195	0.650	0.819
	ANT3	Level 6	Left Edge 10mm	0.050	0.054	0.003	0.123	0.077	0.044	0.082	0.227	0.258
	ANT3	Level 6	Right Edge 10mm	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
	ANT3	Level 6	Top Edge 10mm	0.150	0.173	0.036	0.357	0.222	0.037	0.161	0.680	0.704
WCDM AB4	ANT3	Off	Front Side 10mm	0.113	0.116	0.009	0.143	0.077	0.007	0.104	0.372	0.369
	ANT3	Off	Back Side 10mm	0.121	0.130	0.104	0.333	0.198	0.088	0.195	0.584	0.753
	ANT3	Off	Left Edge 10mm	0.072	0.054	0.003	0.123	0.077	0.044	0.082	0.249	0.280
	ANT3	Off	Right Edge 10mm	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
	ANT3	Off	Top Edge 10mm	0.180	0.173	0.036	0.357	0.222	0.037	0.161	0.710	0.734
WCDM AB5	ANT1	Level 6	Front Side 10mm	0.271	0.116	0.009	0.143	0.077	0.007	0.104	0.530	0.527
	ANT1	Level 6	Back Side 10mm	0.325	0.130	0.104	0.333	0.198	0.088	0.195	0.788	0.957
	ANT1	Level 6	Left Edge 10mm	0.031	0.054	0.003	0.123	0.077	0.044	0.082	0.208	0.239
	ANT1	Level 6	Right Edge 10mm	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
	ANT1	Level 6	Top Edge 10mm	0.233	0.173	0.036	0.357	0.222	0.037	0.161	0.763	0.787
LTE B2	ANT3	Level 6	Front Side 10mm	0.221	0.116	0.009	0.143	0.077	0.007	0.104	0.480	0.477
	ANT3	Level 6	Back Side 10mm	0.255	0.130	0.104	0.333	0.198	0.088	0.195	0.718	0.887

	ANT3	Level 6	Left Edge 10mm	0.147	0.054	0.003	0.123	0.077	0.044	0.082	0.324	0.355
	ANT3	Level 6	Right Edge 10mm	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
	ANT3	Level 6	Top Edge 10mm	0.203	0.173	0.036	0.357	0.222	0.037	0.161	0.733	0.757
LTE B4	ANT3	Off	Front Side 10mm	0.092	0.116	0.009	0.143	0.077	0.007	0.104	0.351	0.348
	ANT3	Off	Back Side 10mm	0.102	0.130	0.104	0.333	0.198	0.088	0.195	0.565	0.734
	ANT3	Off	Left Edge 10mm	0.099	0.054	0.003	0.123	0.077	0.044	0.082	0.276	0.307
	ANT3	Off	Right Edge 10mm	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
	ANT3	Off	Top Edge 10mm	0.168	0.173	0.036	0.357	0.222	0.037	0.161	0.698	0.722
LTE B5	ANT1	Level 6	Front Side 10mm	0.442	0.116	0.009	0.143	0.077	0.007	0.104	0.701	0.698
	ANT1	Level 6	Back Side 10mm	0.543	0.130	0.104	0.333	0.198	0.088	0.195	1.006	1.175
	ANT1	Level 6	Left Edge 10mm	0.058	0.054	0.003	0.123	0.077	0.044	0.082	0.235	0.266
	ANT1	Level 6	Right Edge 10mm	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026
	ANT1	Level 6	Top Edge 10mm	0.380	0.173	0.036	0.357	0.222	0.037	0.161	0.910	0.934
LTE B7	ANT3	Level 6	Front Side 10mm	0.271	0.116	0.009	0.143	0.077	0.007	0.104	0.530	0.527
	ANT3	Level 6	Back Side 10mm	0.306	0.130	0.104	0.333	0.198	0.088	0.195	0.769	0.938
	ANT3	Level 6	Left Edge 10mm	0.445	0.054	0.003	0.123	0.077	0.044	0.082	0.622	0.653
	ANT3	Level 6	Right Edge 10mm	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
	ANT3	Level 6	Top Edge 10mm	0.160	0.173	0.036	0.357	0.222	0.037	0.161	0.690	0.714
LTE B12	ANT1	Level 6	Front Side 10mm	0.302	0.116	0.009	0.143	0.077	0.007	0.104	0.561	0.558
	ANT1	Level 6	Back Side 10mm	0.345	0.130	0.104	0.333	0.198	0.088	0.195	0.808	0.977
	ANT1	Level 6	Left Edge 10mm	0.111	0.054	0.003	0.123	0.077	0.044	0.082	0.288	0.319
	ANT1	Level 6	Right Edge 10mm	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026
	ANT1	Level 6	Top Edge 10mm	0.358	0.173	0.036	0.357	0.222	0.037	0.161	0.888	0.912
LTE B17	ANT1	Level 6	Front Side 10mm	0.298	0.116	0.009	0.143	0.077	0.007	0.104	0.557	0.554
	ANT1	Level 6	Back Side 10mm	0.340	0.130	0.104	0.333	0.198	0.088	0.195	0.803	0.972
	ANT1	Level 6	Left Edge 10mm	0.135	0.054	0.003	0.123	0.077	0.044	0.082	0.312	0.343
	ANT1	Level 6	Right Edge 10mm	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.028
	ANT1	Level 6	Top Edge 10mm	0.301	0.173	0.036	0.357	0.222	0.037	0.161	0.831	0.855
LTE B26	ANT1	Level 6	Front Side 10mm	0.132	0.116	0.009	0.143	0.077	0.007	0.104	0.391	0.388
	ANT1	Level 6	Back Side 10mm	0.162	0.130	0.104	0.333	0.198	0.088	0.195	0.625	0.794
	ANT1	Level 6	Left Edge 10mm	0.125	0.054	0.003	0.123	0.077	0.044	0.082	0.302	0.333
	ANT1	Level 6	Right Edge 10mm	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
	ANT1	Level 6	Top Edge 10mm	0.116	0.173	0.036	0.357	0.222	0.037	0.161	0.646	0.670
LTE B38	ANT3	Off	Front Side 10mm	0.474	0.116	0.009	0.143	0.077	0.007	0.104	0.733	0.730
	ANT3	Off	Back Side 10mm	0.492	0.130	0.104	0.333	0.198	0.088	0.195	0.955	1.124
	ANT3	Off	Left Edge 10mm	0.518	0.054	0.003	0.123	0.077	0.044	0.082	0.695	0.726
	ANT3	Off	Right Edge 10mm	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
	ANT3	Off	Top Edge 10mm	0.335	0.173	0.036	0.357	0.222	0.037	0.161	0.865	0.889
LTE B41 Class 2	ANT3	Level 6	Front Side 10mm	0.207	0.116	0.009	0.143	0.077	0.007	0.104	0.466	0.463
	ANT3	Level 6	Back Side 10mm	0.282	0.130	0.104	0.333	0.198	0.088	0.195	0.745	0.914
	ANT3	Level 6	Left Edge 10mm	0.355	0.054	0.003	0.123	0.077	0.044	0.082	0.532	0.563
	ANT3	Level 6	Right Edge 10mm	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
	ANT3	Level 6	Top Edge 10mm	0.110	0.173	0.036	0.357	0.222	0.037	0.161	0.640	0.664
LTE B41	ANT3	Level 6	Front Side 10mm	0.223	0.116	0.009	0.143	0.077	0.007	0.104	0.482	0.479

Class 3	ANT3	Level 6	Back Side 10mm	0.286	0.130	0.104	0.333	0.198	0.088	0.195	0.749	0.918
	ANT3	Level 6	Left Edge 10mm	0.363	0.054	0.003	0.123	0.077	0.044	0.082	0.540	0.571
	ANT3	Level 6	Right Edge 10mm	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
	ANT3	Level 6	Top Edge 10mm	0.120	0.173	0.036	0.357	0.222	0.037	0.161	0.650	0.674

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.175 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.11 Hotspot Simultaneous Transmission SAR Evaluation for WWAN ANT 1&3 with WLAN 2.4G or WLAN 5G

Band	Antenn a	Power Reduction	Position	Stand alone SAR									SUM SAR						
				1	2	3	4	5	6	7	8	9	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+9)	Sum SAR (1+5+9)	Sum SAR (1+6+9)	Sum SAR (1+7+9)	Sum SAR (1+8+9)
				WWAN	2.4G	2.4G	2.4G	5.2G	5.3G	5.6G	5.8G	Bluetooth							
					WIFI	WIFI	WIFI	WIFI	WIFI	WIFI	WIFI								
				MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO	MIMO	MIMO								
				Level 7	Level 7	Off	Level 7	Level 7	Level 7	Level 7	Off								
GSM 850	ANT1	Level 7&8	Front Side 10mm	0.298	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.351	0.414	0.411	0.599	0.545	0.479	0.415
	ANT1	Level 7&8	Back Side 10mm	0.462	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.527	0.592	0.761	1.146	0.990	0.855	0.845
	ANT1	Level 7&8	Left Edge 10mm	0.054	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.086	0.108	0.139	0.290	0.259	0.213	0.223
	ANT1	Level 7&8	Right Edge 10mm	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.019	0.019	0.019	0.019	0.019	0.019
	ANT1	Level 7&8	Top Edge 10mm	0.281	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.385	0.454	0.478	0.949	0.799	0.664	0.524
GSM19 00	ANT3	Off	Front Side 10mm	0.177	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.230	0.293	0.290	0.478	0.424	0.358	0.294
	ANT3	Off	Back Side 10mm	0.202	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.267	0.332	0.501	0.886	0.730	0.595	0.585
	ANT3	Off	Left Edge 10mm	0.078	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.110	0.132	0.163	0.314	0.283	0.237	0.247
	ANT3	Off	Right Edge 10mm	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.009	0.009	0.009	0.009	0.009
	ANT3	Off	Top Edge 10mm	0.189	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.293	0.362	0.386	0.857	0.707	0.572	0.432
WCDM A B2	ANT3	Level 7&8	Front Side 10mm	0.145	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.198	0.261	0.258	0.446	0.392	0.326	0.262
	ANT3	Level 7&8	Back Side 10mm	0.187	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.252	0.317	0.486	0.871	0.715	0.580	0.570
	ANT3	Level 7&8	Left Edge 10mm	0.050	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.082	0.104	0.135	0.286	0.255	0.209	0.219
	ANT3	Level 7&8	Right Edge 10mm	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	ANT3	Level 7&8	Top Edge 10mm	0.150	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.254	0.323	0.347	0.818	0.668	0.533	0.393
WCDM A B4	ANT3	Off	Front Side 10mm	0.113	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.166	0.229	0.226	0.414	0.360	0.294	0.230
	ANT3	Off	Back Side 10mm	0.121	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.186	0.251	0.420	0.805	0.649	0.514	0.504
	ANT3	Off	Left Edge 10mm	0.072	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.104	0.126	0.157	0.308	0.277	0.231	0.241
	ANT3	Off	Right Edge 10mm	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.005	0.005	0.005	0.005	0.005
	ANT3	Off	Top Edge 10mm	0.180	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.284	0.353	0.377	0.848	0.698	0.563	0.423
WCDM A B5	ANT1	Level 7&8	Front Side 10mm	0.271	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.324	0.387	0.384	0.572	0.518	0.452	0.388
	ANT1	Level 7&8	Back Side 10mm	0.325	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.390	0.455	0.624	1.009	0.853	0.718	0.708
	ANT1	Level 7&8	Left Edge 10mm	0.031	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.063	0.085	0.116	0.267	0.236	0.190	0.200
	ANT1	Level 7&8	Right Edge 10mm	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	ANT1	Level 7&8	Top Edge 10mm	0.233	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.337	0.406	0.430	0.901	0.751	0.616	0.476
LTE B2	ANT3	Level 7&8	Front Side 10mm	0.221	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.274	0.337	0.334	0.522	0.468	0.402	0.338
	ANT3	Level 7&8	Back Side 10mm	0.255	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.320	0.385	0.554	0.939	0.783	0.648	0.638

	ANT3	Level 7&8	Left Edge 10mm	0.147	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.179	0.201	0.232	0.383	0.352	0.306	0.316
	ANT3	Level 7&8	Right Edge 10mm	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012	0.012	0.012	0.012	0.012	0.012
	ANT3	Level 7&8	Top Edge 10mm	0.203	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.307	0.376	0.400	0.871	0.721	0.586	0.446
LTE B4	ANT3	Off	Front Side 10mm	0.092	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.145	0.208	0.205	0.393	0.339	0.273	0.209
	ANT3	Off	Back Side 10mm	0.102	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.167	0.232	0.401	0.786	0.630	0.495	0.485
	ANT3	Off	Left Edge 10mm	0.099	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.131	0.153	0.184	0.335	0.304	0.258	0.268
	ANT3	Off	Right Edge 10mm	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.009	0.009	0.009	0.009	0.009
	ANT3	Off	Top Edge 10mm	0.168	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.272	0.341	0.365	0.836	0.686	0.551	0.411
LTE B5	ANT1	Level 7&8	Front Side 10mm	0.442	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.495	0.558	0.555	0.743	0.689	0.623	0.559
	ANT1	Level 7&8	Back Side 10mm	0.543	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.608	0.673	0.842	1.227	1.071	0.936	0.926
	ANT1	Level 7&8	Left Edge 10mm	0.058	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.090	0.112	0.143	0.294	0.263	0.217	0.227
	ANT1	Level 7&8	Right Edge 10mm	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026	0.026	0.026	0.026	0.026	0.026
	ANT1	Level 7&8	Top Edge 10mm	0.380	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.484	0.553	0.577	1.048	0.898	0.763	0.623
LTE B7	ANT3	Level 7&8	Front Side 10mm	0.271	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.324	0.387	0.384	0.572	0.518	0.452	0.388
	ANT3	Level 7&8	Back Side 10mm	0.306	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.371	0.436	0.605	0.990	0.834	0.699	0.689
	ANT3	Level 7&8	Left Edge 10mm	0.445	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.477	0.499	0.530	0.681	0.650	0.604	0.614
	ANT3	Level 7&8	Right Edge 10mm	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008	0.008	0.008	0.008	0.008	0.008
	ANT3	Level 7&8	Top Edge 10mm	0.160	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.264	0.333	0.357	0.828	0.678	0.543	0.403
LTE B12	ANT1	Level 7&8	Front Side 10mm	0.302	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.355	0.418	0.415	0.603	0.549	0.483	0.419
	ANT1	Level 7&8	Back Side 10mm	0.345	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.410	0.475	0.644	1.029	0.873	0.738	0.728
	ANT1	Level 7&8	Left Edge 10mm	0.111	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.143	0.165	0.196	0.347	0.316	0.270	0.280
	ANT1	Level 7&8	Right Edge 10mm	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026	0.026	0.026	0.026	0.026	0.026
	ANT1	Level 7&8	Top Edge 10mm	0.358	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.462	0.531	0.555	1.026	0.876	0.741	0.601
LTE B17	ANT1	Level 7&8	Front Side 10mm	0.298	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.351	0.414	0.411	0.599	0.545	0.479	0.415
	ANT1	Level 7&8	Back Side 10mm	0.340	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.405	0.470	0.639	1.024	0.868	0.733	0.723
	ANT1	Level 7&8	Left Edge 10mm	0.135	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.167	0.189	0.220	0.371	0.340	0.294	0.304
	ANT1	Level 7&8	Right Edge 10mm	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.028	0.028	0.028	0.028	0.028	0.028
	ANT1	Level 7&8	Top Edge 10mm	0.301	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.405	0.474	0.498	0.969	0.819	0.684	0.544
LTE B26	ANT1	Level 7&8	Front Side 10mm	0.132	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.185	0.248	0.245	0.433	0.379	0.313	0.249
	ANT1	Level 7&8	Back Side 10mm	0.162	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.227	0.292	0.461	0.846	0.690	0.555	0.545
	ANT1	Level 7&8	Left Edge 10mm	0.125	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.157	0.179	0.210	0.361	0.330	0.284	0.294
	ANT1	Level 7&8	Right Edge 10mm	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.005	0.005	0.005	0.005	0.005
	ANT1	Level 7&8	Top Edge 10mm	0.116	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.220	0.289	0.313	0.784	0.634	0.499	0.359
LTE B38	ANT3	Off	Front Side 10mm	0.474	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.527	0.590	0.587	0.775	0.721	0.655	0.591
	ANT3	Off	Back Side 10mm	0.492	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.557	0.622	0.791	1.176	1.020	0.885	0.875
	ANT3	Off	Left Edge 10mm	0.518	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.550	0.572	0.603	0.754	0.723	0.677	0.687
	ANT3	Off	Right Edge 10mm	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012	0.012	0.012	0.012	0.012	0.012
	ANT3	Off	Top Edge 10mm	0.335	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.439	0.508	0.532	1.003	0.853	0.718	0.578
LTE B41 Class 2	ANT3	Level 7&8	Front Side 10mm	0.207	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.260	0.323	0.320	0.508	0.454	0.388	0.324
	ANT3	Level 7&8	Back Side 10mm	0.282	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.347	0.412	0.581	0.966	0.810	0.675	0.665
	ANT3	Level 7&8	Left Edge 10mm	0.355	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.387	0.409	0.440	0.591	0.560	0.514	0.524
	ANT3	Level 7&8	Right Edge 10mm	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006	0.006	0.006	0.006	0.006	0.006
	ANT3	Level 7&8	Top Edge 10mm	0.110	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.214	0.283	0.307	0.778	0.628	0.493	0.353
LTE B41	ANT3	Level 7&8	Front Side 10mm	0.223	0.053	0.116	0.009	0.197	0.143	0.077	0.013	0.104	0.276	0.339	0.336	0.524	0.470	0.404	0.340

Class 3	ANT3	Level 7&8	Back Side 10mm	0.286	0.065	0.130	0.104	0.489	0.333	0.198	0.188	0.195	0.351	0.416	0.585	0.970	0.814	0.679	0.669
	ANT3	Level 7&8	Left Edge 10mm	0.363	0.032	0.054	0.003	0.154	0.123	0.077	0.087	0.082	0.395	0.417	0.448	0.599	0.568	0.522	0.532
	ANT3	Level 7&8	Right Edge 10mm	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006	0.006	0.006	0.006	0.006	0.006
	ANT3	Level 7&8	Top Edge 10mm	0.120	0.104	0.173	0.036	0.507	0.357	0.222	0.082	0.161	0.224	0.293	0.317	0.788	0.638	0.503	0.363

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.227 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.12 Hotspot Simultaneous Transmission SAR Evaluation for WWAN ANT 1&3 with WLAN 2.4G and WLAN 5G

Band	Antenna	Power Reduction	Position	Stand alone SAR								SUM SAR	
				1	2	3	4	5	6	7	8	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
				WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.2GWIFI MIMO	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
					Level 8	Off	Level 8	Level 8	Level 8	Level 8	Off		
GSM 850	ANT1	Level 6	Front Side 10mm	0.298	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.557	0.554
	ANT1	Level 6	Back Side 10mm	0.462	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.925	1.094
	ANT1	Level 6	Left Edge 10mm	0.054	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.231	0.262
	ANT1	Level 6	Right Edge 10mm	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.019
	ANT1	Level 6	Top Edge 10mm	0.281	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.811	0.835
GSM19 00	ANT3	Off	Front Side 10mm	0.177	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.436	0.433
	ANT3	Off	Back Side 10mm	0.202	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.665	0.834
	ANT3	Off	Left Edge 10mm	0.078	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.255	0.286
	ANT3	Off	Right Edge 10mm	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
	ANT3	Off	Top Edge 10mm	0.189	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.719	0.743
WCDM A B2	ANT3	Level 6	Front Side 10mm	0.145	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.404	0.401
	ANT3	Level 6	Back Side 10mm	0.187	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.650	0.819
	ANT3	Level 6	Left Edge 10mm	0.050	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.227	0.258
	ANT3	Level 6	Right Edge 10mm	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
	ANT3	Level 6	Top Edge 10mm	0.150	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.680	0.704
WCDM A B4	ANT3	Off	Front Side 10mm	0.113	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.372	0.369
	ANT3	Off	Back Side 10mm	0.121	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.584	0.753
	ANT3	Off	Left Edge 10mm	0.072	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.249	0.280
	ANT3	Off	Right Edge 10mm	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
	ANT3	Off	Top Edge 10mm	0.180	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.710	0.734
WCDM A B5	ANT1	Level 6	Front Side 10mm	0.271	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.530	0.527
	ANT1	Level 6	Back Side 10mm	0.325	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.788	0.957
	ANT1	Level 6	Left Edge 10mm	0.031	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.208	0.239
	ANT1	Level 6	Right Edge 10mm	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.007
	ANT1	Level 6	Top Edge 10mm	0.233	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.763	0.787
LTE B2	ANT3	Level 6	Front Side 10mm	0.221	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.480	0.477
	ANT3	Level 6	Back Side 10mm	0.255	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.718	0.887
	ANT3	Level 6	Left Edge 10mm	0.147	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.324	0.355
	ANT3	Level 6	Right Edge 10mm	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012

	ANT3	Level 6	Top Edge 10mm	0.203	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.733	0.757
LTE B4	ANT3	Off	Front Side 10mm	0.092	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.351	0.348
	ANT3	Off	Back Side 10mm	0.102	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.565	0.734
	ANT3	Off	Left Edge 10mm	0.099	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.276	0.307
	ANT3	Off	Right Edge 10mm	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009
	ANT3	Off	Top Edge 10mm	0.168	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.698	0.722
LTE B5	ANT1	Level 6	Front Side 10mm	0.442	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.701	0.698
	ANT1	Level 6	Back Side 10mm	0.543	0.130	0.104	0.324	0.333	0.198	0.088	0.195	1.006	1.175
	ANT1	Level 6	Left Edge 10mm	0.058	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.235	0.266
	ANT1	Level 6	Right Edge 10mm	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026
	ANT1	Level 6	Top Edge 10mm	0.380	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.910	0.934
LTE B7	ANT3	Level 6	Front Side 10mm	0.271	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.530	0.527
	ANT3	Level 6	Back Side 10mm	0.306	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.769	0.938
	ANT3	Level 6	Left Edge 10mm	0.445	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.622	0.653
	ANT3	Level 6	Right Edge 10mm	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.008
	ANT3	Level 6	Top Edge 10mm	0.160	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.690	0.714
LTE B12	ANT1	Level 6	Front Side 10mm	0.302	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.561	0.558
	ANT1	Level 6	Back Side 10mm	0.345	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.808	0.977
	ANT1	Level 6	Left Edge 10mm	0.111	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.288	0.319
	ANT1	Level 6	Right Edge 10mm	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.026
	ANT1	Level 6	Top Edge 10mm	0.358	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.888	0.912
LTE B17	ANT1	Level 6	Front Side 10mm	0.298	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.557	0.554
	ANT1	Level 6	Back Side 10mm	0.340	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.803	0.972
	ANT1	Level 6	Left Edge 10mm	0.135	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.312	0.343
	ANT1	Level 6	Right Edge 10mm	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.028
	ANT1	Level 6	Top Edge 10mm	0.301	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.831	0.855
LTE B26	ANT1	Level 6	Front Side 10mm	0.132	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.391	0.388
	ANT1	Level 6	Back Side 10mm	0.162	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.625	0.794
	ANT1	Level 6	Left Edge 10mm	0.125	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.302	0.333
	ANT1	Level 6	Right Edge 10mm	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005
	ANT1	Level 6	Top Edge 10mm	0.116	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.646	0.670
LTE B38	ANT3	Off	Front Side 10mm	0.474	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.733	0.730
	ANT3	Off	Back Side 10mm	0.492	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.955	1.124
	ANT3	Off	Left Edge 10mm	0.518	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.695	0.726
	ANT3	Off	Right Edge 10mm	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.012
	ANT3	Off	Top Edge 10mm	0.335	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.865	0.889
LTE B41 Class 2	ANT3	Level 6	Front Side 10mm	0.207	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.466	0.463
	ANT3	Level 6	Back Side 10mm	0.282	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.745	0.914
	ANT3	Level 6	Left Edge 10mm	0.355	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.532	0.563
	ANT3	Level 6	Right Edge 10mm	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
	ANT3	Level 6	Top Edge 10mm	0.110	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.640	0.664
LTE B41 Class 3	ANT3	Level 6	Front Side 10mm	0.223	0.116	0.009	0.132	0.143	0.077	0.007	0.104	0.482	0.479
	ANT3	Level 6	Back Side 10mm	0.286	0.130	0.104	0.324	0.333	0.198	0.088	0.195	0.749	0.918
	ANT3	Level 6	Left Edge 10mm	0.363	0.054	0.003	0.096	0.123	0.077	0.044	0.082	0.540	0.571

	ANT3	Level 6	Right Edge 10mm	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006
	ANT3	Level 6	Top Edge 10mm	0.120	0.173	0.036	0.334	0.357	0.222	0.037	0.161	0.650	0.674

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.175 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.13 Head Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 2.4G or WLAN 5G

Band	Power Reduction	Position	Stand alone SAR								SUM SAR					
			1	2	3	4	5	6	7	8	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+8)	Sum SAR (1+5+8)	Sum SAR (1+6+8)	Sum SAR (1+7+8)
			WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.3GWIFI	5.6GWIFI	5.8GWIFI	Bluetooth						
				MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO							
			Level 3	Level 3	Off	Level 3	Level 3	Level 3	Off							
GSM1900	Level 3&4	Left Cheek	0.590	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.765	0.890	1.140	1.499	1.445	1.413
	Level 3&4	Left Tilt	0.678	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.825	0.847	1.190	1.499	1.494	1.358
	Level 3&4	Right Cheek	0.768	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.856	0.855	1.161	1.242	1.240	1.183
	Level 3&4	Right Tilt	0.964	0.095	0.080	0.066	0.147	0.155	0.100	0.292	1.059	1.044	1.322	1.403	1.411	1.356
WCDM A B2	Level 3&4	Left Cheek	0.447	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.622	0.747	0.997	1.356	1.302	1.270
	Level 3&4	Left Tilt	0.583	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.730	0.752	1.095	1.404	1.399	1.263
	Level 3&4	Right Cheek	0.671	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.759	0.758	1.064	1.145	1.143	1.086
	Level 3&4	Right Tilt	0.765	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.860	0.845	1.123	1.204	1.212	1.157
WCDM A B4	Level 3&4	Left Cheek	0.431	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.606	0.731	0.981	1.340	1.286	1.254
	Level 3&4	Left Tilt	0.542	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.689	0.711	1.054	1.363	1.358	1.222
	Level 3&4	Right Cheek	0.530	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.618	0.617	0.923	1.004	1.002	0.945
	Level 3&4	Right Tilt	0.669	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.764	0.749	1.027	1.108	1.116	1.061
LTE B2	Level 3&4	Left Cheek	0.515	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.690	0.815	1.065	1.424	1.370	1.338
	Level 3&4	Left Tilt	0.613	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.760	0.782	1.125	1.434	1.429	1.293
	Level 3&4	Right Cheek	0.707	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.795	0.794	1.100	1.181	1.179	1.122
	Level 3&4	Right Tilt	0.783	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.878	0.863	1.141	1.222	1.230	1.175
LTE B4	Level 3&4	Left Cheek	0.515	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.690	0.815	1.065	1.424	1.370	1.338
	Level 3&4	Left Tilt	0.601	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.748	0.770	1.113	1.422	1.417	1.281
	Level 3&4	Right Cheek	0.650	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.738	0.737	1.043	1.124	1.122	1.065
	Level 3&4	Right Tilt	0.768	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.863	0.848	1.126	1.207	1.215	1.160
LTE B7	Level 3&4	Left Cheek	0.367	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.542	0.667	0.917	1.276	1.222	1.190
	Level 3&4	Left Tilt	0.074	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.221	0.243	0.586	0.895	0.890	0.754
	Level 3&4	Right Cheek	0.488	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.576	0.575	0.881	0.962	0.960	0.903
	Level 3&4	Right Tilt	0.096	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.191	0.176	0.454	0.535	0.543	0.488
LTE B38	Level 3&4	Left Cheek	0.198	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.373	0.498	0.748	1.107	1.053	1.021
	Level 3&4	Left Tilt	0.453	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.600	0.622	0.965	1.274	1.269	1.133
	Level 3&4	Right Cheek	0.622	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.710	0.709	1.015	1.096	1.094	1.037
	Level 3&4	Right Tilt	0.662	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.757	0.742	1.020	1.101	1.109	1.054
LTE B41	Level 3&4	Left Cheek	0.327	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.502	0.627	0.877	1.236	1.182	1.150
Class 2	Level 3&4	Left Tilt	0.402	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.549	0.571	0.914	1.223	1.218	1.082

	Level 3&4	Right Cheek	0.477	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.565	0.564	0.870	0.951	0.949	0.892
	Level 3&4	Right Tilt	0.574	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.669	0.654	0.932	1.013	1.021	0.966
LTE B41 Class 3	Level 3&4	Left Cheek	0.332	0.175	0.300	0.041	0.400	0.346	0.314	0.509	0.507	0.632	0.882	1.241	1.187	1.155
	Level 3&4	Left Tilt	0.438	0.147	0.169	0.036	0.345	0.340	0.204	0.476	0.585	0.607	0.950	1.259	1.254	1.118
	Level 3&4	Right Cheek	0.489	0.088	0.087	0.059	0.140	0.138	0.081	0.334	0.577	0.576	0.882	0.963	0.961	0.904
	Level 3&4	Right Tilt	0.601	0.095	0.080	0.066	0.147	0.155	0.100	0.292	0.696	0.681	0.959	1.040	1.048	0.993

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.499 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.14 Head Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 2.4G and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR							SUM SAR	
			1	2	3	4			5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
			WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
				Level 4	Off	Level 4	Level 4	Level 4	Off		
GSM19 00	Level 2	Left Cheek	0.449	0.300	0.041	0.400	0.346	0.314	0.509	1.149	1.399
	Level 2	Left Tilt	0.517	0.169	0.036	0.345	0.340	0.204	0.476	1.031	1.374
	Level 2	Right Cheek	0.555	0.087	0.059	0.140	0.138	0.081	0.334	0.782	1.088
	Level 2	Right Tilt	0.684	0.080	0.066	0.147	0.155	0.100	0.292	0.919	1.197
WCDM A B2	Level 2	Left Cheek	0.323	0.300	0.041	0.400	0.346	0.314	0.509	1.023	1.273
	Level 2	Left Tilt	0.385	0.169	0.036	0.345	0.340	0.204	0.476	0.899	1.242
	Level 2	Right Cheek	0.488	0.087	0.059	0.140	0.138	0.081	0.334	0.715	1.021
	Level 2	Right Tilt	0.506	0.080	0.066	0.147	0.155	0.100	0.292	0.741	1.019
WCDM A B4	Level 2	Left Cheek	0.366	0.300	0.041	0.400	0.346	0.314	0.509	1.066	1.316
	Level 2	Left Tilt	0.445	0.169	0.036	0.345	0.340	0.204	0.476	0.959	1.302
	Level 2	Right Cheek	0.534	0.087	0.059	0.140	0.138	0.081	0.334	0.761	1.067
	Level 2	Right Tilt	0.623	0.080	0.066	0.147	0.155	0.100	0.292	0.858	1.136
LTE B2	Level 2	Left Cheek	0.515	0.300	0.041	0.400	0.346	0.314	0.509	1.215	1.465
	Level 2	Left Tilt	0.613	0.169	0.036	0.345	0.340	0.204	0.476	1.127	1.470
	Level 2	Right Cheek	0.708	0.087	0.059	0.140	0.138	0.081	0.334	0.935	1.241
	Level 2	Right Tilt	0.783	0.080	0.066	0.147	0.155	0.100	0.292	1.018	1.296
LTE B4	Level 2	Left Cheek	0.388	0.300	0.041	0.400	0.346	0.314	0.509	1.088	1.338
	Level 2	Left Tilt	0.461	0.169	0.036	0.345	0.340	0.204	0.476	0.975	1.318
	Level 2	Right Cheek	0.478	0.087	0.059	0.140	0.138	0.081	0.334	0.705	1.011
	Level 2	Right Tilt	0.577	0.080	0.066	0.147	0.155	0.100	0.292	0.812	1.090
LTE B7	Level 2	Left Cheek	0.354	0.300	0.041	0.400	0.346	0.314	0.509	1.054	1.304
	Level 2	Left Tilt	0.484	0.169	0.036	0.345	0.340	0.204	0.476	0.998	1.341
	Level 2	Right Cheek	0.449	0.087	0.059	0.140	0.138	0.081	0.334	0.676	0.982
	Level 2	Right Tilt	0.536	0.080	0.066	0.147	0.155	0.100	0.292	0.771	1.049
LTE B38	Level 2	Left Cheek	0.194	0.300	0.041	0.400	0.346	0.314	0.509	0.894	1.144
	Level 2	Left Tilt	0.396	0.169	0.036	0.345	0.340	0.204	0.476	0.910	1.253

	Level 2	Right Cheek	0.558	0.087	0.059	0.140	0.138	0.081	0.334	0.785	1.091
	Level 2	Right Tilt	0.632	0.080	0.066	0.147	0.155	0.100	0.292	0.867	1.145
LTE B41 Class 2	Level 2	Left Cheek	0.287	0.300	0.041	0.400	0.346	0.314	0.509	0.987	1.237
	Level 2	Left Tilt	0.347	0.169	0.036	0.345	0.340	0.204	0.476	0.861	1.204
	Level 2	Right Cheek	0.379	0.087	0.059	0.140	0.138	0.081	0.334	0.606	0.912
	Level 2	Right Tilt	0.457	0.080	0.066	0.147	0.155	0.100	0.292	0.692	0.970
	Level 2	Left Cheek	0.286	0.300	0.041	0.400	0.346	0.314	0.509	0.986	1.236
LTE B41 Class 3	Level 2	Left Tilt	0.368	0.169	0.036	0.345	0.340	0.204	0.476	0.882	1.225
	Level 2	Right Cheek	0.446	0.087	0.059	0.140	0.138	0.081	0.334	0.673	0.979
	Level 2	Right Tilt	0.515	0.080	0.066	0.147	0.155	0.100	0.292	0.750	1.028
	Level 2	Left Cheek	0.286	0.300	0.041	0.400	0.346	0.314	0.509	0.986	1.236

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.47 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.15 Body-worn Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 2.4G or WLAN 5G

Band	Power Reduction	Position	Stand alone SAR								SUM SAR					
			1	2	3	4	5	6	7	8	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+8)	Sum SAR (1+5+8)	Sum SAR (1+6+8)	Sum SAR (1+7+8)
			WWAN	2.4GWIFI	2.4GWIFI	2.4GWIFI	5.3GWIFI	5.6GWIFI	5.8GWIFI	Bluetooth						
				MIMO	ANT 0	ANT 1	MIMO	MIMO	MIMO	Bluetooth						
			Level 7	Level 7	Level 7	Off	Level 7	Level 7	Off	Off						
GSM19 00	Level 7&8	Front Side 10mm	0.273	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.326	0.389	0.386	0.520	0.454	0.390
	Level 7&8	Back Side 10mm	0.414	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.479	0.544	0.713	0.942	0.807	0.797
WCDM A B2	Level 7&8	Front Side 10mm	0.335	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.388	0.451	0.448	0.582	0.516	0.452
	Level 7&8	Back Side 10mm	0.417	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.482	0.547	0.716	0.945	0.810	0.800
WCDM A B4	Level 7&8	Front Side 10mm	0.251	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.304	0.367	0.364	0.498	0.432	0.368
	Level 7&8	Back Side 10mm	0.288	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.353	0.418	0.587	0.816	0.681	0.671
LTE B2	Level 7&8	Front Side 10mm	0.329	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.382	0.445	0.442	0.576	0.510	0.446
	Level 7&8	Back Side 10mm	0.428	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.493	0.558	0.727	0.956	0.821	0.811
LTE B4	Level 7&8	Front Side 10mm	0.316	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.369	0.432	0.429	0.563	0.497	0.433
	Level 7&8	Back Side 10mm	0.430	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.495	0.560	0.729	0.958	0.823	0.813
LTE B7	Level 7&8	Front Side 10mm	0.218	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.271	0.334	0.331	0.465	0.399	0.335
	Level 7&8	Back Side 10mm	0.271	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.336	0.401	0.570	0.799	0.664	0.654
LTE B38	Level 7&8	Front Side 10mm	0.373	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.426	0.489	0.486	0.620	0.554	0.490
	Level 7&8	Back Side 10mm	0.493	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.558	0.623	0.792	1.021	0.886	0.876
LTE B41 Class 2	Level 7&8	Front Side 10mm	0.229	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.282	0.345	0.342	0.476	0.410	0.346
	Level 7&8	Back Side 10mm	0.309	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.374	0.439	0.608	0.837	0.702	0.692
LTE B41 Class 3	Level 7&8	Front Side 10mm	0.204	0.053	0.116	0.009	0.143	0.077	0.013	0.104	0.257	0.320	0.317	0.451	0.385	0.321
	Level 7&8	Back Side 10mm	0.325	0.065	0.130	0.104	0.333	0.198	0.188	0.195	0.390	0.455	0.624	0.853	0.718	0.708

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.021 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.16 Body-worn Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 2.4G and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR							SUM SAR	
			1	2	3	4			5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
			WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.3GWIFI MIMO	5.6GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
				Level 8	Off	Level 8	Level 8	Level 8	Off		
GSM1900	Level 6	Front Side 10mm	0.212	0.116	0.009	0.143	0.077	0.007	0.104	0.471	0.468
	Level 6	Back Side 10mm	0.294	0.130	0.104	0.333	0.198	0.087	0.195	0.757	0.926
WCDMA B2	Level 6	Front Side 10mm	0.234	0.116	0.009	0.143	0.077	0.007	0.104	0.493	0.490
	Level 6	Back Side 10mm	0.310	0.130	0.104	0.333	0.198	0.087	0.195	0.773	0.942
WCDMA B4	Level 6	Front Side 10mm	0.177	0.116	0.009	0.143	0.077	0.007	0.104	0.436	0.433
	Level 6	Back Side 10mm	0.250	0.130	0.104	0.333	0.198	0.087	0.195	0.713	0.882
LTE B2	Level 6	Front Side 10mm	0.276	0.116	0.009	0.143	0.077	0.007	0.104	0.535	0.532
	Level 6	Back Side 10mm	0.343	0.130	0.104	0.333	0.198	0.087	0.195	0.806	0.975
LTE B4	Level 6	Front Side 10mm	0.240	0.116	0.009	0.143	0.077	0.007	0.104	0.499	0.496
	Level 6	Back Side 10mm	0.355	0.130	0.104	0.333	0.198	0.087	0.195	0.818	0.987
LTE B7	Level 6	Front Side 10mm	0.151	0.116	0.009	0.143	0.077	0.007	0.104	0.410	0.407
	Level 6	Back Side 10mm	0.220	0.130	0.104	0.333	0.198	0.087	0.195	0.683	0.852
LTE B38	Level 6	Front Side 10mm	0.247	0.116	0.009	0.143	0.077	0.007	0.104	0.506	0.503
	Level 6	Back Side 10mm	0.339	0.130	0.104	0.333	0.198	0.087	0.195	0.802	0.971
LTE B41	Level 6	Front Side 10mm	0.165	0.116	0.009	0.143	0.077	0.007	0.104	0.424	0.421
	Level 6	Back Side 10mm	0.230	0.130	0.104	0.333	0.198	0.087	0.195	0.693	0.862
LTE B41	Level 6	Front Side 10mm	0.165	0.116	0.009	0.143	0.077	0.007	0.104	0.424	0.421
	Level 6	Back Side 10mm	0.255	0.130	0.104	0.333	0.198	0.087	0.195	0.718	0.887

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.987 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.17 Hotspot Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 2.4G or WLAN 5G

Band	Power Reduction	Position	Stand alone SAR							SUM SAR				
			1	2	3	4	5	6	7	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4+7)	Sum SAR (1+5+7)	Sum SAR (1+6+7)
			WWAN	2.4GWIFI MIMO	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.2GWIFI MIMO	5.8GWIFI MIMO	Bluetooth					
				Level 7	Level 7	Off	Level 7	Off	Off					
GSM1900	Level 7&8	Front Side 10mm	0.273	0.053	0.116	0.009	0.197	0.013	0.104	0.326	0.389	0.386	0.574	0.390
	Level 7&8	Back Side 10mm	0.414	0.065	0.130	0.104	0.489	0.188	0.195	0.479	0.544	0.713	1.098	0.797
	Level 7&8	Left Edge 10mm	0.015	0.032	0.054	0.003	0.154	0.087	0.082	0.047	0.069	0.100	0.251	0.184
	Level 7&8	Right Edge 10mm	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.058	0.058	0.058	0.058
	Level 7&8	Top Edge 10mm	0.461	0.104	0.173	0.036	0.507	0.082	0.161	0.565	0.634	0.658	1.129	0.704
WCDMA B2	Level 7&8	Front Side 10mm	0.335	0.053	0.116	0.009	0.197	0.013	0.104	0.388	0.451	0.448	0.636	0.452
	Level 7&8	Back Side 10mm	0.417	0.065	0.130	0.104	0.489	0.188	0.195	0.482	0.547	0.716	1.101	0.800
	Level 7&8	Left Edge 10mm	0.033	0.032	0.054	0.003	0.154	0.087	0.082	0.065	0.087	0.118	0.269	0.202
	Level 7&8	Right Edge 10mm	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.051	0.051	0.051	0.051	0.051
	Level 7&8	Top Edge 10mm	0.494	0.104	0.173	0.036	0.507	0.082	0.161	0.598	0.667	0.691	1.162	0.737
WCDMA B4	Level 7&8	Front Side 10mm	0.251	0.053	0.116	0.009	0.197	0.013	0.104	0.304	0.367	0.364	0.552	0.368
	Level 7&8	Back Side 10mm	0.288	0.065	0.130	0.104	0.489	0.188	0.195	0.353	0.418	0.587	0.972	0.671
	Level 7&8	Left Edge 10mm	0.054	0.032	0.054	0.003	0.154	0.087	0.082	0.086	0.108	0.139	0.290	0.223
	Level 7&8	Right Edge 10mm	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015	0.015	0.015	0.015
	Level 7&8	Top Edge 10mm	0.404	0.104	0.173	0.036	0.507	0.082	0.161	0.508	0.577	0.601	1.072	0.647
LTE B2	Level 7&8	Front Side 10mm	0.329	0.053	0.116	0.009	0.197	0.013	0.104	0.382	0.445	0.442	0.630	0.446
	Level 7&8	Back Side 10mm	0.428	0.065	0.130	0.104	0.489	0.188	0.195	0.493	0.558	0.727	1.112	0.811
	Level 7&8	Left Edge 10mm	0.071	0.032	0.054	0.003	0.154	0.087	0.082	0.103	0.125	0.156	0.307	0.240
	Level 7&8	Right Edge 10mm	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100
	Level 7&8	Top Edge 10mm	0.596	0.104	0.173	0.036	0.507	0.082	0.161	0.700	0.769	0.793	1.264	0.839
LTE B4	Level 7&8	Front Side 10mm	0.316	0.053	0.116	0.009	0.197	0.013	0.104	0.369	0.432	0.429	0.617	0.433
	Level 7&8	Back Side 10mm	0.430	0.065	0.130	0.104	0.489	0.188	0.195	0.495	0.560	0.729	1.114	0.813
	Level 7&8	Left Edge 10mm	0.016	0.032	0.054	0.003	0.154	0.087	0.082	0.048	0.070	0.101	0.252	0.185
	Level 7&8	Right Edge 10mm	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.065	0.065	0.065	0.065	0.065
	Level 7&8	Top Edge 10mm	0.558	0.104	0.173	0.036	0.507	0.082	0.161	0.662	0.731	0.755	1.226	0.801
LTE B7	Level 7&8	Front Side 10mm	0.218	0.053	0.116	0.009	0.197	0.013	0.104	0.271	0.334	0.331	0.519	0.335
	Level 7&8	Back Side 10mm	0.271	0.065	0.130	0.104	0.489	0.188	0.195	0.336	0.401	0.570	0.955	0.654
	Level 7&8	Left Edge 10mm	0.016	0.032	0.054	0.003	0.154	0.087	0.082	0.048	0.070	0.101	0.252	0.185
	Level 7&8	Right Edge 10mm	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.051	0.051	0.051	0.051	0.051
	Level 7&8	Top Edge 10mm	0.491	0.104	0.173	0.036	0.507	0.082	0.161	0.595	0.664	0.688	1.159	0.734
LTE B38	Level 7&8	Front Side 10mm	0.373	0.053	0.116	0.009	0.197	0.013	0.104	0.426	0.489	0.486	0.674	0.490
	Level 7&8	Back Side 10mm	0.493	0.065	0.130	0.104	0.489	0.188	0.195	0.558	0.623	0.792	1.177	0.876
	Level 7&8	Left Edge 10mm	0.012	0.032	0.054	0.003	0.154	0.087	0.082	0.044	0.066	0.097	0.248	0.181
	Level 7&8	Right Edge 10mm	0.088	0.000	0.000	0.000	0.000	0.000	0.000	0.088	0.088	0.088	0.088	0.088
	Level 7&8	Top Edge 10mm	0.820	0.104	0.173	0.036	0.507	0.082	0.161	0.924	0.993	1.017	1.488	1.063
LTE	Level 7&8	Front Side 10mm	0.229	0.053	0.116	0.009	0.197	0.013	0.104	0.282	0.345	0.342	0.530	0.346

Class 2	B41	Level 7&8	Back Side 10mm	0.309	0.065	0.130	0.104	0.489	0.188	0.195	0.374	0.439	0.608	0.993	0.692
		Level 7&8	Left Edge 10mm	0.010	0.032	0.054	0.003	0.154	0.087	0.082	0.042	0.064	0.095	0.246	0.179
		Level 7&8	Right Edge 10mm	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.067	0.067	0.067	0.067	0.067
		Level 7&8	Top Edge 10mm	0.668	0.104	0.173	0.036	0.507	0.082	0.161	0.772	0.841	0.865	1.336	0.911
LTE B41		Level 7&8	Front Side 10mm	0.204	0.053	0.116	0.009	0.197	0.013	0.104	0.257	0.320	0.317	0.505	0.321
		Level 7&8	Back Side 10mm	0.325	0.065	0.130	0.104	0.489	0.188	0.195	0.390	0.455	0.624	1.009	0.708
		Level 7&8	Left Edge 10mm	0.010	0.032	0.054	0.003	0.154	0.087	0.082	0.042	0.064	0.095	0.246	0.179
		Level 7&8	Right Edge 10mm	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.063	0.063	0.063	0.063
		Level 7&8	Top Edge 10mm	0.630	0.104	0.173	0.036	0.507	0.082	0.161	0.734	0.803	0.827	1.298	0.873

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.488 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.18 Hotspot Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 2.4G and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR						SUM SAR	
			1	2	3	4		5	Sum SAR (1+2+4)	Sum SAR (1+3+4+5)
			WWAN	2.4GWIFI ANT 0	2.4GWIFI ANT 1	5.2GWIFI MIMO	5.8GWIFI MIMO	Bluetooth		
				Level 8	Off	Level 8	Level 8	Off		
GSM1900	Level 6	Front Side 10mm	0.212	0.116	0.009	0.132	0.007	0.104	0.460	0.457
	Level 6	Back Side 10mm	0.294	0.130	0.104	0.324	0.087	0.195	0.748	0.917
	Level 6	Left Edge 10mm	0.012	0.054	0.003	0.096	0.044	0.082	0.162	0.193
	Level 6	Right Edge 10mm	0.043	0.000	0.000	0.000	0.000	0.000	0.043	0.043
	Level 6	Top Edge 10mm	0.355	0.173	0.036	0.334	0.037	0.161	0.862	0.886
WCDMA B2	Level 6	Front Side 10mm	0.234	0.116	0.009	0.132	0.007	0.104	0.482	0.479
	Level 6	Back Side 10mm	0.310	0.130	0.104	0.324	0.087	0.195	0.764	0.933
	Level 6	Left Edge 10mm	0.019	0.054	0.003	0.096	0.044	0.082	0.169	0.200
	Level 6	Right Edge 10mm	0.037	0.000	0.000	0.000	0.000	0.000	0.037	0.037
	Level 6	Top Edge 10mm	0.399	0.173	0.036	0.334	0.037	0.161	0.906	0.930
WCDMA B4	Level 6	Front Side 10mm	0.177	0.116	0.009	0.132	0.007	0.104	0.425	0.422
	Level 6	Back Side 10mm	0.250	0.130	0.104	0.324	0.087	0.195	0.704	0.873
	Level 6	Left Edge 10mm	0.008	0.054	0.003	0.096	0.044	0.082	0.158	0.189
	Level 6	Right Edge 10mm	0.047	0.000	0.000	0.000	0.000	0.000	0.047	0.047
	Level 6	Top Edge 10mm	0.324	0.173	0.036	0.334	0.037	0.161	0.831	0.855
LTE B2	Level 6	Front Side 10mm	0.276	0.116	0.009	0.132	0.007	0.104	0.524	0.521
	Level 6	Back Side 10mm	0.343	0.130	0.104	0.324	0.087	0.195	0.797	0.966
	Level 6	Left Edge 10mm	0.058	0.054	0.003	0.096	0.044	0.082	0.208	0.239
	Level 6	Right Edge 10mm	0.075	0.000	0.000	0.000	0.000	0.000	0.075	0.075
	Level 6	Top Edge 10mm	0.430	0.173	0.036	0.334	0.037	0.161	0.937	0.961
LTE B4	Level 6	Front Side 10mm	0.240	0.116	0.009	0.132	0.007	0.104	0.488	0.485
	Level 6	Back Side 10mm	0.355	0.130	0.104	0.324	0.087	0.195	0.809	0.978
	Level 6	Left Edge 10mm	0.013	0.054	0.003	0.096	0.044	0.082	0.163	0.194

	Level 6	Right Edge 10mm	0.055	0.000	0.000	0.000	0.000	0.000	0.055	0.055
	Level 6	Top Edge 10mm	0.460	0.173	0.036	0.334	0.037	0.161	0.967	0.991
LTE B7	Level 6	Front Side 10mm	0.151	0.116	0.009	0.132	0.007	0.104	0.399	0.396
	Level 6	Back Side 10mm	0.220	0.130	0.104	0.324	0.087	0.195	0.674	0.843
	Level 6	Left Edge 10mm	0.010	0.054	0.003	0.096	0.044	0.082	0.160	0.191
	Level 6	Right Edge 10mm	0.042	0.000	0.000	0.000	0.000	0.000	0.042	0.042
	Level 6	Top Edge 10mm	0.426	0.173	0.036	0.334	0.037	0.161	0.933	0.957
LTE B38	Level 6	Front Side 10mm	0.247	0.116	0.009	0.132	0.007	0.104	0.495	0.492
	Level 6	Back Side 10mm	0.339	0.130	0.104	0.324	0.087	0.195	0.793	0.962
	Level 6	Left Edge 10mm	0.009	0.054	0.003	0.096	0.044	0.082	0.159	0.190
	Level 6	Right Edge 10mm	0.062	0.000	0.000	0.000	0.000	0.000	0.062	0.062
	Level 6	Top Edge 10mm	0.594	0.173	0.036	0.334	0.037	0.161	1.101	1.125
LTE B41 Class 2	Level 6	Front Side 10mm	0.165	0.116	0.009	0.132	0.007	0.104	0.413	0.410
	Level 6	Back Side 10mm	0.230	0.130	0.104	0.324	0.087	0.195	0.684	0.853
	Level 6	Left Edge 10mm	0.008	0.054	0.003	0.096	0.044	0.082	0.158	0.189
	Level 6	Right Edge 10mm	0.051	0.000	0.000	0.000	0.000	0.000	0.051	0.051
	Level 6	Top Edge 10mm	0.485	0.173	0.036	0.334	0.037	0.161	0.992	1.016
LTE B41 Class 3	Level 6	Front Side 10mm	0.165	0.116	0.009	0.132	0.007	0.104	0.413	0.410
	Level 6	Back Side 10mm	0.255	0.130	0.104	0.324	0.087	0.195	0.709	0.878
	Level 6	Left Edge 10mm	0.007	0.054	0.003	0.096	0.044	0.082	0.157	0.188
	Level 6	Right Edge 10mm	0.049	0.000	0.000	0.000	0.000	0.000	0.049	0.049
	Level 6	Top Edge 10mm	0.469	0.173	0.036	0.334	0.037	0.161	0.976	1.000

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.125 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.19 Limbs Simultaneous Transmission SAR Evaluation for WWAN ANT 2 with WLAN 5G

Band	Power Reduction	Position	Stand alone SAR			SUM SAR	
			1	2	3	Sum SAR (1+2)	Sum SAR (1+3)
			WWAN	5.3GWIFI MIMO	5.6GWIFI MIMO		
				Level 7	Off		
GSM19 00	Level 7&8	Front Side 10mm	0.312	0.232	0.242	0.544	0.554
	Level 7&8	Back Side 10mm	0.275	0.389	0.316	0.664	0.591
	Level 7&8	Left Edge 10mm	0.071	0.205	0.173	0.276	0.244
	Level 7&8	Right Edge 10mm	0.130	0.000	0.000	0.130	0.130
	Level 7&8	Top Edge 10mm	0.701	0.978	0.861	1.679	1.562
WCDMA A B2	Level 7&8	Front Side 10mm	0.810	0.232	0.242	1.042	1.052
	Level 7&8	Back Side 10mm	0.713	0.389	0.316	1.102	1.029
	Level 7&8	Left Edge 10mm	0.128	0.205	0.173	0.333	0.301
	Level 7&8	Right Edge 10mm	0.278	0.000	0.000	0.278	0.278
	Level 7&8	Top Edge 10mm	1.373	0.978	0.861	2.351	2.234
WCDMA	Level 7&8	Front Side 10mm	0.742	0.232	0.242	0.974	0.984

A B4	Level 7&8	Back Side 10mm	0.645	0.389	0.316	1.034	0.961
	Level 7&8	Left Edge 10mm	0.085	0.205	0.173	0.290	0.258
	Level 7&8	Right Edge 10mm	0.136	0.000	0.000	0.136	0.136
	Level 7&8	Top Edge 10mm	1.223	0.978	0.861	2.201	2.084
LTE B2	Level 7&8	Front Side 10mm	1.392	0.232	0.242	1.624	1.634
	Level 7&8	Back Side 10mm	1.312	0.389	0.316	1.701	1.628
	Level 7&8	Left Edge 10mm	0.170	0.205	0.173	0.375	0.343
	Level 7&8	Right Edge 10mm	0.216	0.000	0.000	0.216	0.216
	Level 7&8	Top Edge 10mm	1.565	0.978	0.861	2.543	2.426
LTE B4	Level 7&8	Front Side 10mm	1.229	0.232	0.242	1.461	1.471
	Level 7&8	Back Side 10mm	1.141	0.389	0.316	1.530	1.457
	Level 7&8	Left Edge 10mm	0.171	0.205	0.173	0.376	0.344
	Level 7&8	Right Edge 10mm	0.280	0.000	0.000	0.280	0.280
	Level 7&8	Top Edge 10mm	1.470	0.978	0.861	2.448	2.331
LTE B7	Level 7&8	Front Side 10mm	0.569	0.232	0.242	0.801	0.811
	Level 7&8	Back Side 10mm	0.469	0.389	0.316	0.858	0.785
	Level 7&8	Left Edge 10mm	0.029	0.205	0.173	0.234	0.202
	Level 7&8	Right Edge 10mm	0.100	0.000	0.000	0.100	0.100
	Level 7&8	Top Edge 10mm	0.862	0.978	0.861	1.840	1.723
LTE B38	Level 7&8	Front Side 10mm	0.550	0.232	0.242	0.782	0.792
	Level 7&8	Back Side 10mm	0.506	0.389	0.316	0.895	0.822
	Level 7&8	Left Edge 10mm	0.036	0.205	0.173	0.241	0.209
	Level 7&8	Right Edge 10mm	0.133	0.000	0.000	0.133	0.133
	Level 7&8	Top Edge 10mm	1.024	0.978	0.861	2.002	1.885
LTE B41 Class 2	Level 7&8	Front Side 10mm	0.387	0.232	0.242	0.619	0.629
	Level 7&8	Back Side 10mm	0.336	0.389	0.316	0.725	0.652
	Level 7&8	Left Edge 10mm	0.026	0.205	0.173	0.231	0.199
	Level 7&8	Right Edge 10mm	0.094	0.000	0.000	0.094	0.094
	Level 7&8	Top Edge 10mm	0.717	0.978	0.861	1.695	1.578
LTE B41 Class 3	Level 7&8	Front Side 10mm	0.413	0.232	0.242	0.645	0.655
	Level 7&8	Back Side 10mm	0.341	0.389	0.316	0.730	0.657
	Level 7&8	Left Edge 10mm	0.026	0.205	0.173	0.231	0.199
	Level 7&8	Right Edge 10mm	0.091	0.000	0.000	0.091	0.091
	Level 7&8	Top Edge 10mm	0.736	0.978	0.861	1.714	1.597

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 10g SAR is 2.543 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

13 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1055	2017/06/26	2020/06/25
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2017/06/26	2020/06/25
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2017/07/01	2020/06/30
1900MHz Validation Dipole	Speag	D1900V2	SN: 5d193	2017/06/30	2020/06/29
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2019/06/10	2020/06/09
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2017/07/10	2020/07/09
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2017/06/29	2020/06/28
E-Field Probe	Speag	EX3DV4	SN: 7510	2019/08/02	2020/08/01
Data Acquisition Electronics	Speag	DAE4	SN: 1454	2019/08/02	2020/08/01
Signal Generator	R&S	SMBV100A	260592	2019/06/14	2020/06/13
Power Meter	R&S	NRVD-B2	7250BJ-0112/2011	2019/10/30	2020/10/29
Power Sensor	R&S	NRV-Z4	100381	2019/10/30	2020/10/29
Power Sensor	R&S	NRV-Z2	100211	2019/10/30	2020/10/29
Wireless Communication Test Set	Agilent	8960-E5515C	MY50260493	2019/06/13	2020/06/13
Wireless Communication Test Set	R&S	CMW 500	104946	2019/10/30	2020/10/29
Network Analyzer	R&S	ZVL-6	101380	2019/06/20	2020/06/19
Thermometer	Elitech	RC-4HC	N/A	2019/11/02	2020/11/01
Power Amplifier	SATIMO	6552B	22374	N/A	N/A
Dielectric Probe Kit	SATIMO	SCLMP	SN 25/13 OCPG56	N/A	N/A
Phantom1	Speag	SAM	SN: 1859	N/A	N/A
Phantom2	Speag	SAM	SN: 1857	N/A	N/A
Attenuator	COM-MW	ZA-S1-31	1305003187	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

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

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

ANNEX A SIMULATING LIQUID VERIFICATION RESULT

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

Date	Liquid Type	Fre. (MHz)	Temp. (°C)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ϵ)	Target Conductivity (σ) (S/m)	Target Permittivity (ϵ)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2020.04.21	Head	750	21.6	0.88	42.21	0.89	41.90	-1.12	0.74
2020.04.22	Head	750	21.4	0.89	41.71	0.89	41.90	0.00	-0.45
2020.04.23	Head	750	21.3	0.90	42.04	0.89	41.90	1.12	0.33
2020.04.24	Head	750	21.4	0.91	42.36	0.89	41.90	2.25	1.10
2020.03.26	Head	835	21.8	0.89	41.02	0.90	41.50	-1.11	-1.16
2020.03.25	Head	835	21.7	0.89	42.27	0.90	41.50	-1.11	1.86
2020.03.22	Head	835	21.6	0.90	42.08	0.90	41.50	0.00	1.40
2020.03.23	Head	835	20.9	0.89	41.91	0.90	41.50	-1.11	0.99
2020.03.24	Head	835	21.6	0.91	40.72	0.90	41.50	1.11	-1.88
2020.04.02	Head	1750	21.2	1.38	40.84	1.37	40.08	0.73	1.90
2020.03.31	Head	1750	21.5	1.39	38.95	1.37	40.08	1.46	-2.82
2020.04.01	Head	1750	20.9	1.40	40.32	1.37	40.08	2.19	0.60
2020.03.30	Head	1900	21.4	1.40	40.29	1.40	40.00	0.00	0.72
2020.03.29	Head	1900	21.5	1.39	39.39	1.40	40.00	-0.71	-1.53
2020.03.27	Head	1900	21.6	1.36	40.62	1.40	40.00	-2.86	1.55
2020.03.28	Head	1900	21.0	1.41	40.64	1.40	40.00	0.71	1.60
2020.04.08	Head	2450	21.1	1.81	39.79	1.80	39.20	0.56	1.51
2020.04.09	Head	2450	21.6	1.82	38.67	1.80	39.20	1.11	-1.35
2020.04.10	Head	2600	21.8	2.00	39.07	1.96	39.01	2.04	0.15
2020.04.11	Head	2600	21.6	1.98	38.56	1.96	39.01	1.02	-1.15
2020.04.12	Head	2600	21.4	2.00	39.33	1.96	39.01	2.04	0.82
2020.04.13	Head	2600	21.2	1.98	39.49	1.96	39.01	1.02	1.23
2020.04.14	Head	2600	21.0	1.97	38.29	1.96	39.01	0.51	-1.85
2020.04.15	Head	2600	21.1	2.00	38.30	1.96	39.01	2.04	-1.82
2020.04.16	Head	2600	21.7	1.96	39.25	1.96	39.01	0.00	0.62
2020.04.17	Head	2600	21.7	1.99	39.22	1.96	39.01	1.53	0.54
2020.04.18	Head	2600	21.5	1.99	39.98	1.96	39.01	1.53	2.49
2020.04.19	Head	2600	21.3	1.99	39.09	1.96	39.01	1.53	0.21
2020.04.20	Head	2600	21.4	1.94	40.07	1.96	39.01	-1.02	2.72
2020.04.03	Head	5250	20.9	4.70	36.33	4.71	35.93	-0.21	1.11
2020.04.04	Head	5250	20.8	4.64	36.24	4.71	35.93	-1.47	0.87
2020.04.05	Head	5600	21.1	5.03	35.20	5.07	35.53	-0.79	-0.93
2020.04.06	Head	5600	21.7	5.11	35.75	5.07	35.53	0.79	0.62
2020.04.07	Head	5750	21.7	5.15	35.99	5.22	35.36	-1.34	1.78

Note: The tolerance limit of Conductivity and Permittivity is $\pm 5\%$.

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within its specification of 10 %(for 1 g).

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)	Targeted SAR(W/kg)	Tolerance (%)
2020.04.21	Head	750	100	0.813	8.13	8.27	-1.69	8.49	-4.24
2020.04.22	Head	750	100	0.825	8.25	8.27	-0.24	8.49	-2.83
2020.04.23	Head	750	100	0.833	8.33	8.27	0.73	8.49	-1.88
2020.04.24	Head	750	100	0.828	8.28	8.27	0.12	8.49	-2.47
2020.03.26	Head	835	100	0.956	9.56	9.75	-1.95	9.56	0.00
2020.03.25	Head	835	100	0.949	9.49	9.75	-2.67	9.56	-0.73
2020.03.22	Head	835	100	0.974	9.74	9.75	-0.10	9.56	1.88
2020.03.23	Head	835	100	0.932	9.32	9.75	-4.41	9.56	-2.51
2020.03.24	Head	835	100	0.945	9.45	9.75	-3.08	9.56	-1.15
2020.04.02	Head	1750	100	3.680	36.80	36.90	-0.27	36.40	1.10
2020.03.31	Head	1750	100	3.720	37.20	36.90	0.81	36.40	2.20
2020.04.01	Head	1750	100	3.750	37.50	36.90	1.63	36.40	3.02
2020.03.30	Head	1900	100	4.160	41.60	39.90	4.26	39.70	4.79
2020.03.29	Head	1900	100	4.080	40.80	39.90	2.26	39.70	2.77
2020.03.27	Head	1900	100	4.020	40.20	39.90	0.75	39.70	1.26
2020.03.28	Head	1900	100	3.920	39.20	39.90	-1.75	39.70	-1.26
2020.04.08	Head	2450	100	5.280	52.80	52.60	0.38	52.40	0.76
2020.04.09	Head	2450	100	5.350	53.50	52.60	1.71	52.40	2.10
2020.04.10	Head	2600	100	5.380	53.80	56.40	-4.61	55.30	-2.71
2020.04.11	Head	2600	100	5.430	54.30	56.40	-3.72	55.30	-1.81
2020.04.12	Head	2600	100	5.450	54.50	56.40	-3.37	55.30	-1.45
2020.04.13	Head	2600	100	5.520	55.20	56.40	-2.13	55.30	-0.18
2020.04.14	Head	2600	100	5.470	54.70	56.40	-3.01	55.30	-1.08
2020.04.15	Head	2600	100	5.660	56.60	56.40	0.35	55.30	2.35
2020.04.16	Head	2600	100	5.540	55.40	56.40	-1.77	55.30	0.18
2020.04.17	Head	2600	100	5.480	54.80	56.40	-2.84	55.30	-0.90
2020.04.18	Head	2600	100	5.610	56.10	56.40	-0.53	55.30	1.45
2020.04.19	Head	2600	100	5.560	55.60	56.40	-1.42	55.30	0.54
2020.04.20	Head	2600	100	5.590	55.90	56.40	-0.89	55.30	1.08
2020.04.03	Head	5250	100	7.480	74.80	76.20	-1.84	76.50	-2.22
2020.04.04	Head	5250	100	7.520	75.20	76.20	-1.31	76.50	-1.70
2020.04.05	Head	5600	100	8.070	80.70	82.60	-2.30	83.30	-3.12
2020.04.06	Head	5600	100	8.140	81.40	82.60	-1.45	83.30	-2.28
2020.04.07	Head	5750	100	7.780	77.80	80.80	-3.71	78.00	-0.26

Note: The tolerance limit of System validation $\pm 10\%$.

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

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)	Targeted SAR(W/kg)	Tolerance (%)
2020.04.21	Head	750	100	0.535	5.35	5.38	-0.56	5.55	-3.60
2020.04.22	Head	750	100	0.541	5.41	5.38	0.56	5.55	-2.52
2020.04.23	Head	750	100	0.557	5.57	5.38	3.53	5.55	0.36
2020.04.24	Head	750	100	0.538	5.38	5.38	0.00	5.55	-3.06
2020.03.26	Head	835	100	0.623	6.23	6.30	-1.11	6.22	0.16
2020.03.25	Head	835	100	0.615	6.15	6.30	-2.38	6.22	-1.13
2020.03.22	Head	835	100	0.632	6.32	6.30	0.32	6.22	1.61
2020.03.23	Head	835	100	0.627	6.27	6.30	-0.48	6.22	0.80
2020.03.24	Head	835	100	0.623	6.23	6.30	-1.11	6.22	0.16
2020.04.02	Head	1750	100	1.920	19.20	19.80	-3.03	19.30	-0.52
2020.03.31	Head	1750	100	1.980	19.80	19.80	0.00	19.30	2.59
2020.04.01	Head	1750	100	2.020	20.20	19.80	2.02	19.30	4.66
2020.03.30	Head	1900	100	2.120	21.20	20.50	3.41	20.50	3.41
2020.03.29	Head	1900	100	2.060	20.60	20.50	0.49	20.50	0.49
2020.03.27	Head	1900	100	2.080	20.80	20.50	1.46	20.50	1.46
2020.03.28	Head	1900	100	2.040	20.40	20.50	-0.49	20.50	-0.49
2020.04.08	Head	2450	100	2.360	23.60	24.40	-3.28	24.00	-1.67
2020.04.09	Head	2450	100	2.390	23.90	24.40	-2.05	24.00	-0.42
2020.04.10	Head	2600	100	2.420	24.20	25.20	-3.97	24.60	-1.63
2020.04.11	Head	2600	100	2.410	24.10	25.20	-4.37	24.60	-2.03
2020.04.12	Head	2600	100	2.410	24.10	25.20	-4.37	24.60	-2.03
2020.04.13	Head	2600	100	2.470	24.70	25.20	-1.98	24.60	0.41
2020.04.14	Head	2600	100	2.430	24.30	25.20	-3.57	24.60	-1.22
2020.04.15	Head	2600	100	2.530	25.30	25.20	0.40	24.60	2.85
2020.04.16	Head	2600	100	2.470	24.70	25.20	-1.98	24.60	0.41
2020.04.17	Head	2600	100	2.490	24.90	25.20	-1.19	24.60	1.22
2020.04.18	Head	2600	100	2.530	25.30	25.20	0.40	24.60	2.85
2020.04.19	Head	2600	100	2.411	24.11	25.20	-4.33	24.60	-1.99
2020.04.20	Head	2600	100	2.450	24.50	25.20	-2.78	24.60	-0.41
2020.04.03	Head	5250	100	2.160	21.60	21.80	-0.92	21.60	0.00
2020.04.04	Head	5250	100	2.180	21.80	21.80	0.00	21.60	0.93
2020.04.05	Head	5600	100	2.260	22.60	23.60	-4.24	23.40	-3.42
2020.04.06	Head	5600	100	2.270	22.70	23.60	-3.81	23.40	-2.99
2020.04.07	Head	5750	100	2.190	21.90	22.90	-4.37	21.90	0.00
Note: The tolerance limit of System validation $\pm 10\%$.									

System Performance Check Data (750MHz Head)

Date: 2020.04.21

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 42.208$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.3 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.894 W/kg

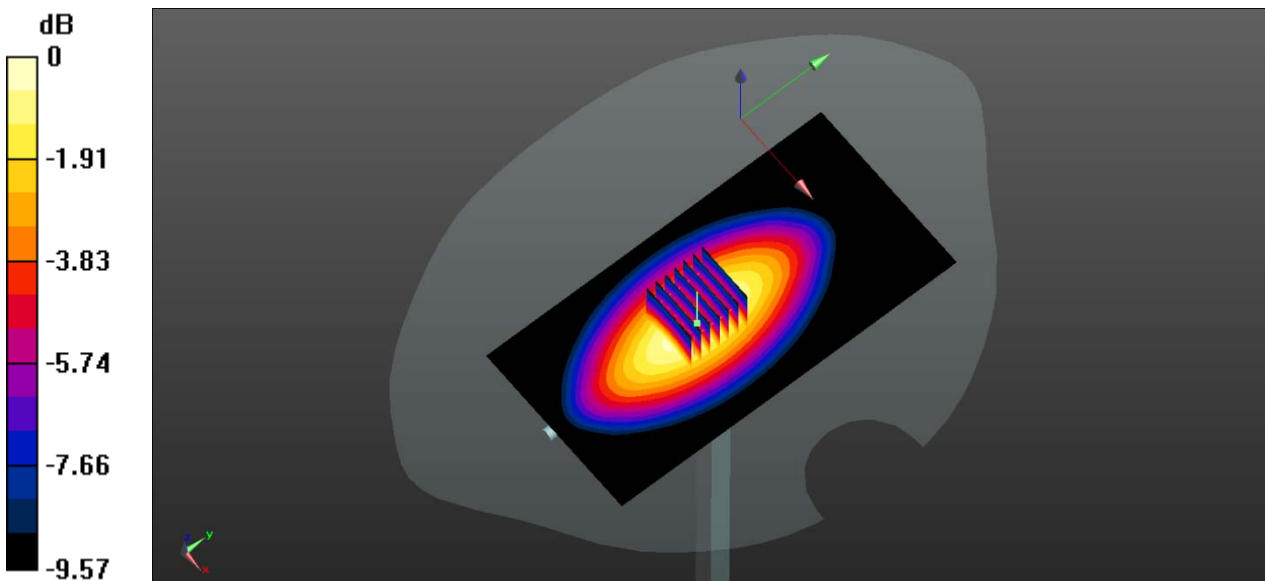
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.14 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



0 dB = 0.875 W/kg

System Performance Check Data (750MHz Head)

Date: 2020.04.22

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 41.709$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.3 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.876 W/kg

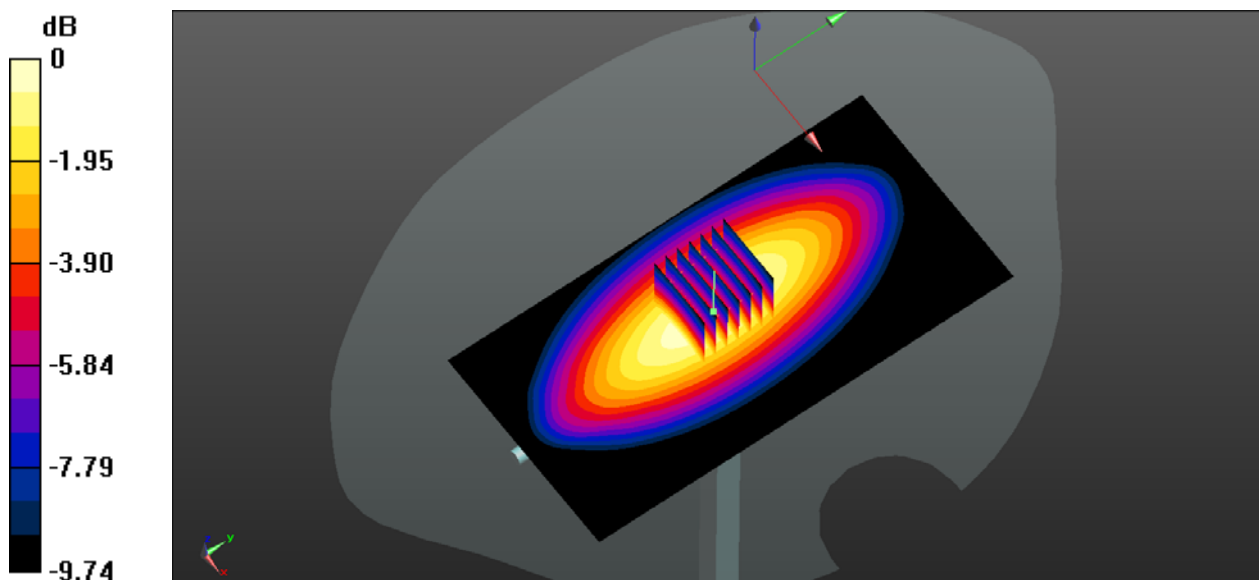
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.16 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (measured) = 0.882 W/kg



0 dB = 0.938 W/kg

System Performance Check Data (750MHz Head)

Date: 2020.04.23

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 42.042$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.6 Liquid Temperature: 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.854 W/kg

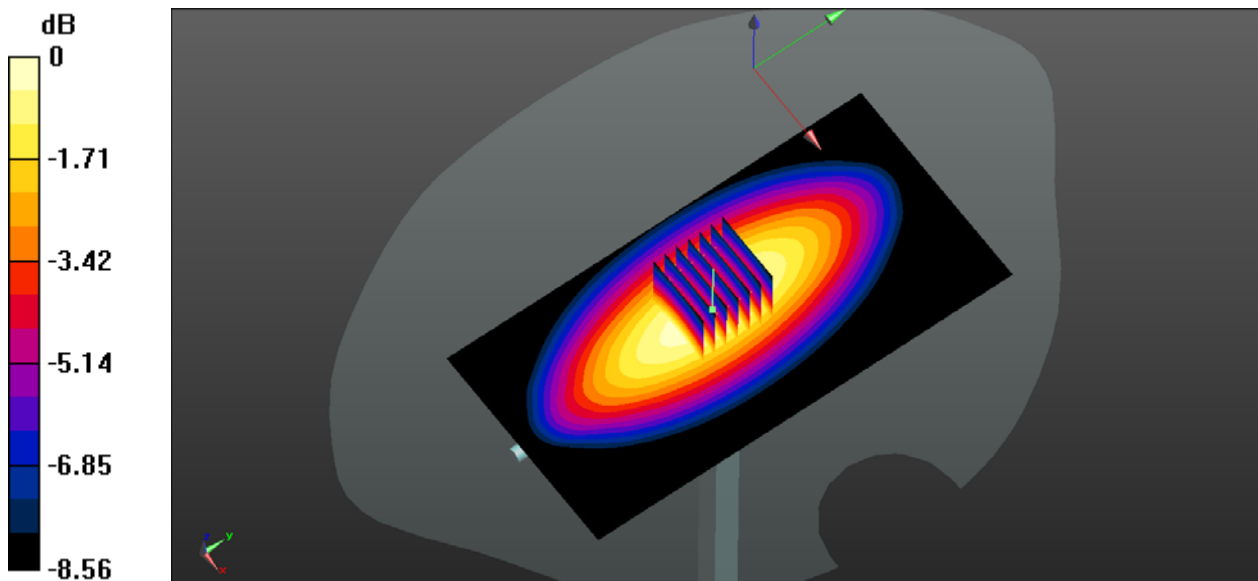
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.29 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 0.862 W/kg



0 dB = 0.862 W/kg

System Performance Check Data (750MHz Head)

Date: 2020.04.24

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 750 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 42.359$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.6 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.839 W/kg

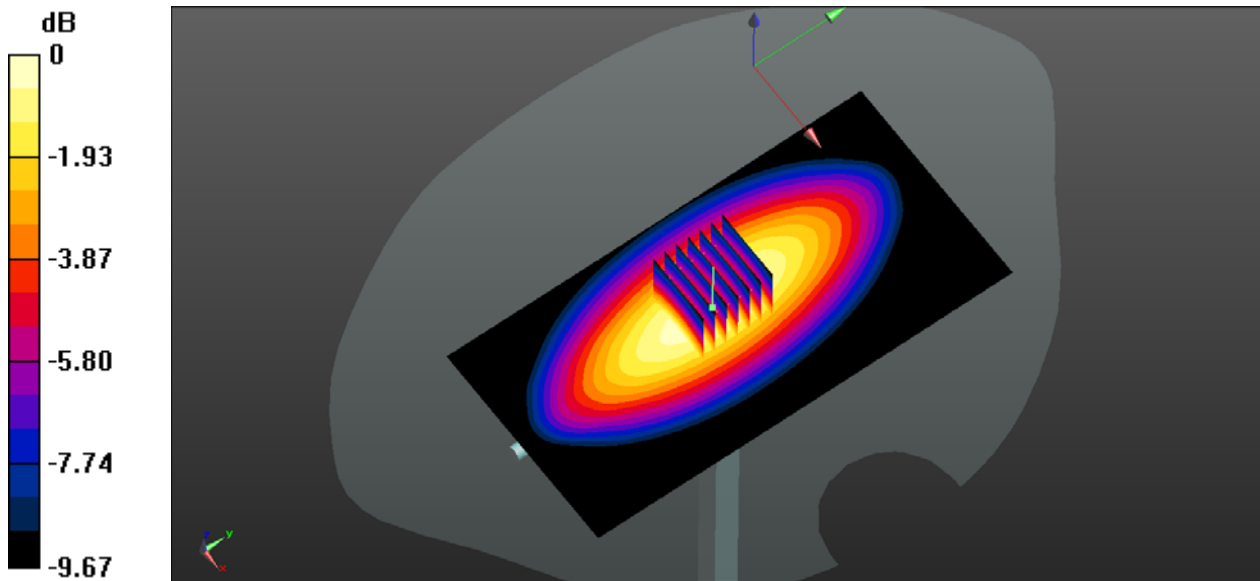
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.58 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.828 W/kg ; SAR(10 g) = 0.538 W/kg

Maximum value of SAR (measured) = 0.851 W/kg



0 dB = 0.851 W/kg

System Performance Check Data (835MHz Head)

Date: 2020.03.26

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 41.022$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.9 Liquid Temperature: 21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.976 W/kg

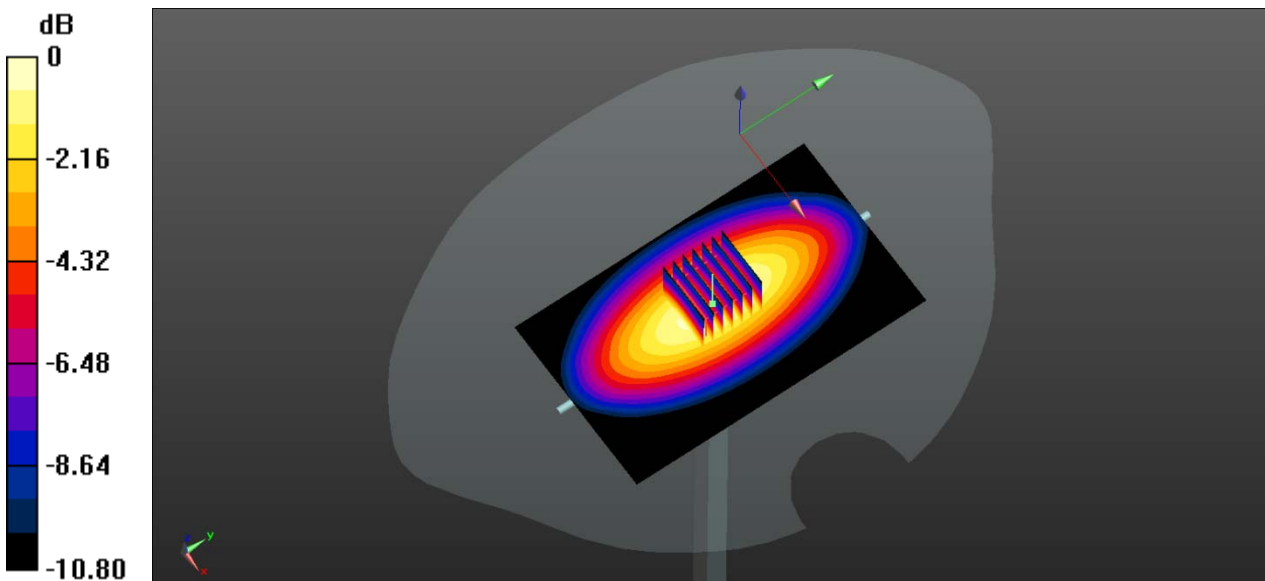
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.29 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.623 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

System Performance Check Data (835MHz Head)

Date: 2020.03.25

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 42.273$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.968 W/kg

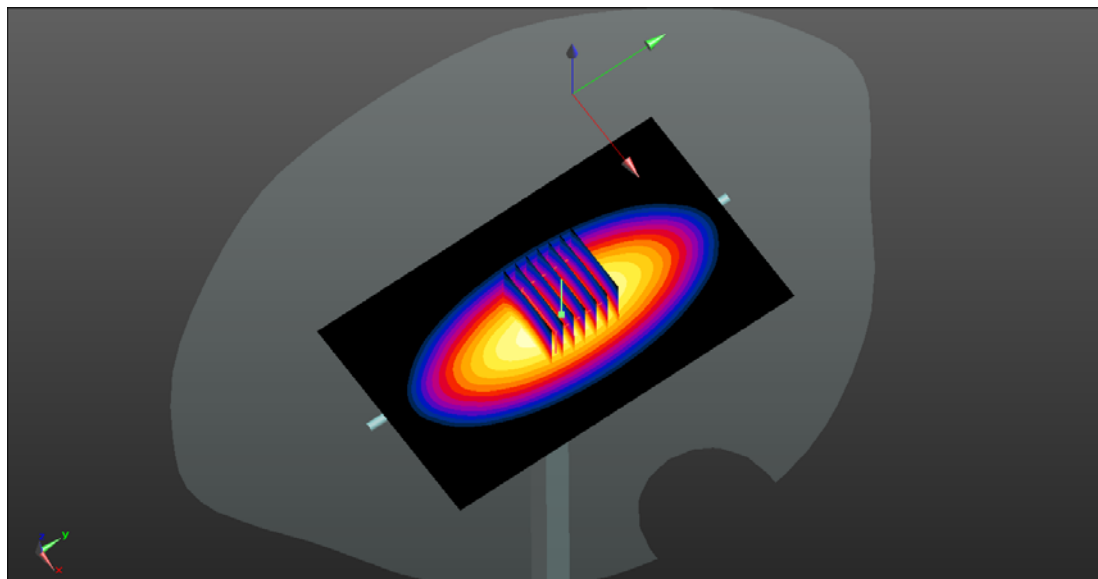
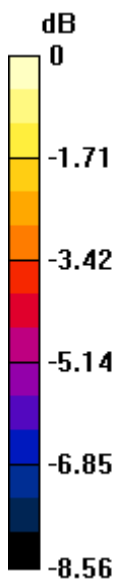
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.36 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.615 W/kg

Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg

System Performance Check Data (835MHz Head)

Date: 2020.03.22

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 42.081$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.6 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.02 W/kg

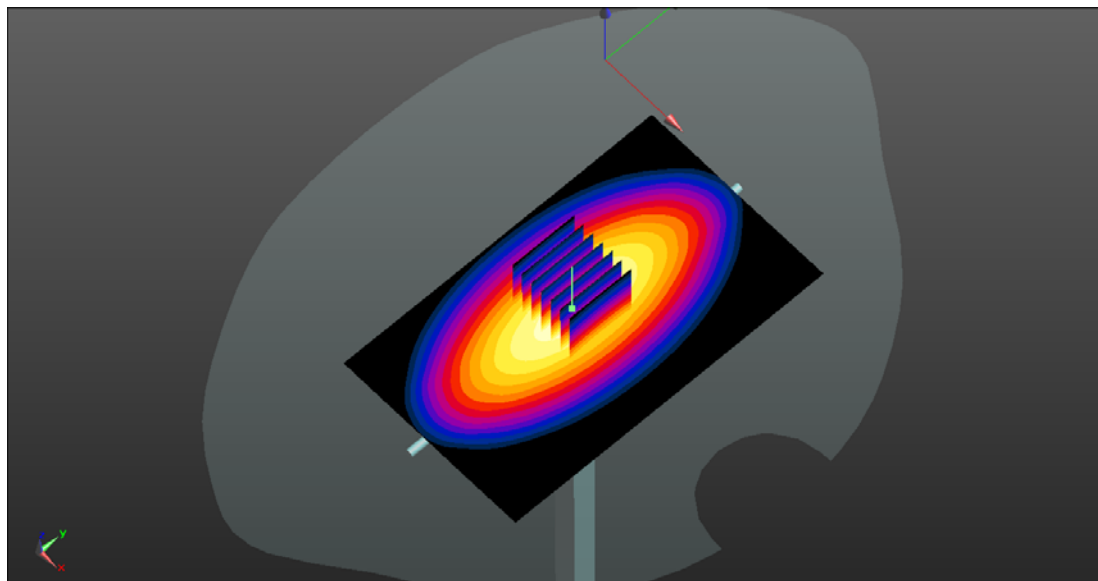
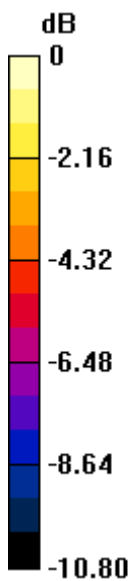
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.19 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.632 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

System Performance Check Data (835MHz Head)

Date: 2020.03.23

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 41.905$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 21.8 Liquid Temperature: 20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW835 100mw/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.994 W/kg

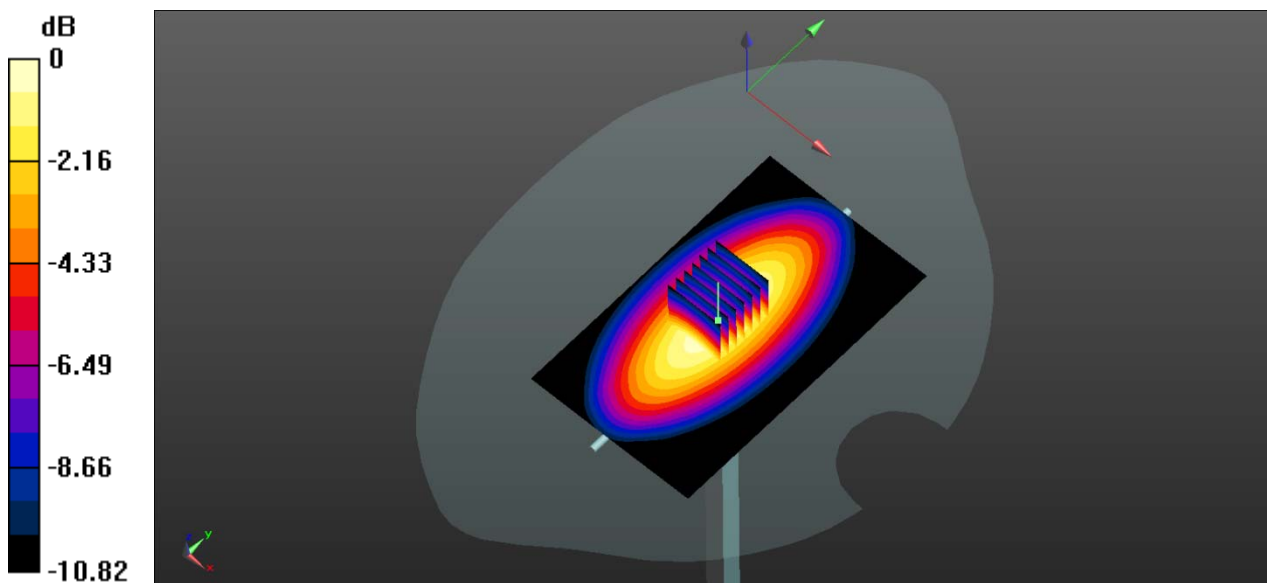
CW835 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.627 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

System Performance Check Data (835MHz Head)

Date: 2020.03.24

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 40.719$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.5 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.02 W/kg

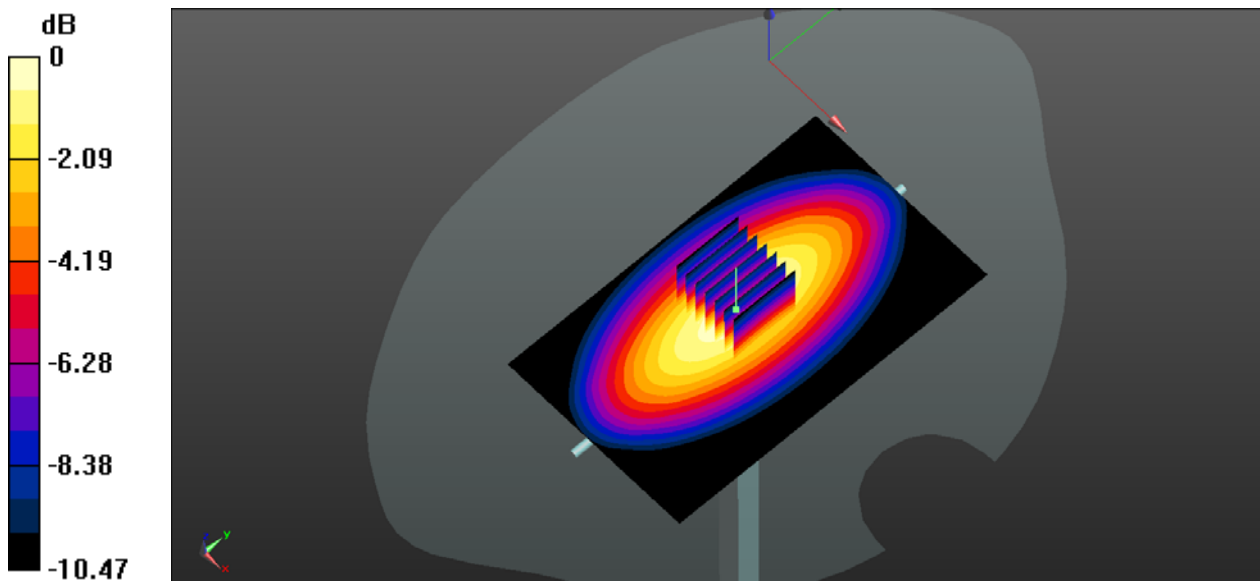
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.33 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.623 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

System Performance Check Data (1750MHz Head)

Date: 2020.04.02

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 40.835$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4 Liquid Temperature: 21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.19 W/kg

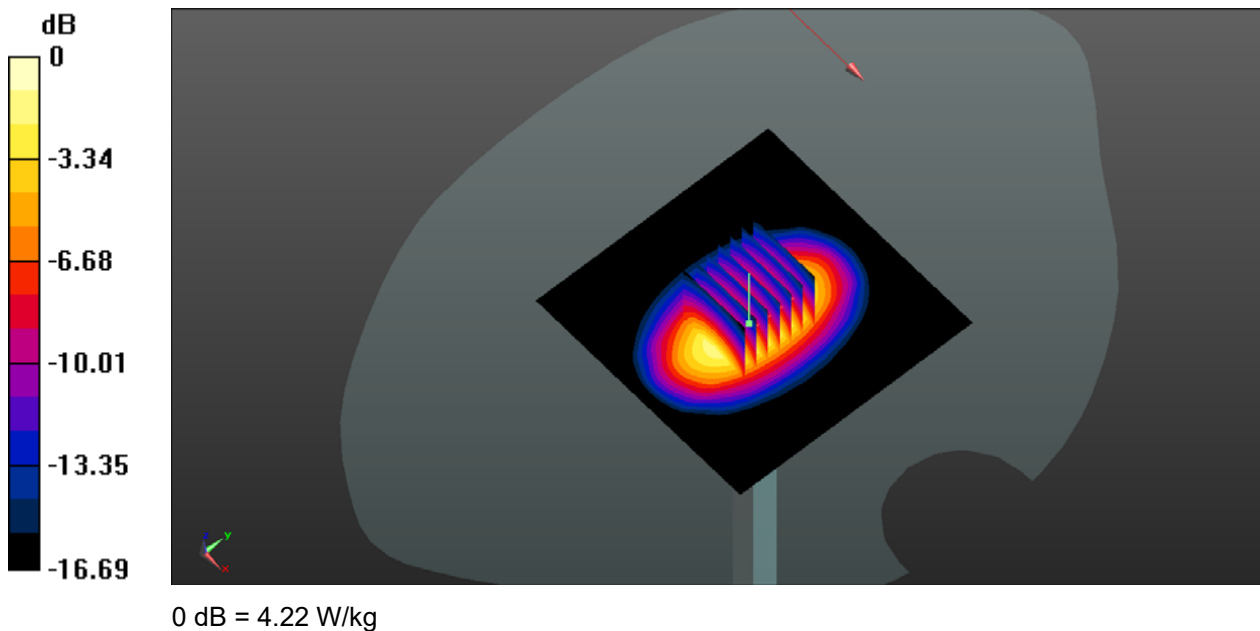
CW1750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.52 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 6.87 W/kg

SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.92 W/kg

Maximum value of SAR (measured) = 4.22 W/kg



System Performance Check Data (1750MHz Head)

Date: 2020.03.31

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 38.948$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.14 W/kg

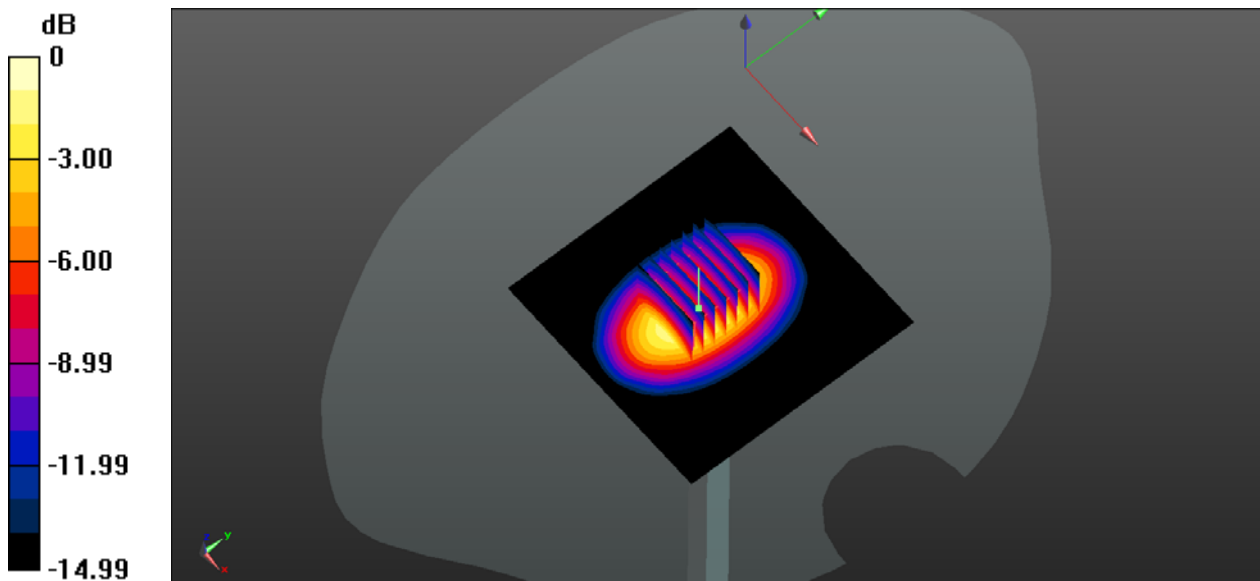
CW 1750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.29 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.42 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 4.21 W/kg



0 dB = 4.21 W/kg

System Performance Check Data (1750MHz Head)

Date: 2020.04.01

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1750$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 40.316$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 21.8 Liquid Temperature: 20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.17 W/kg

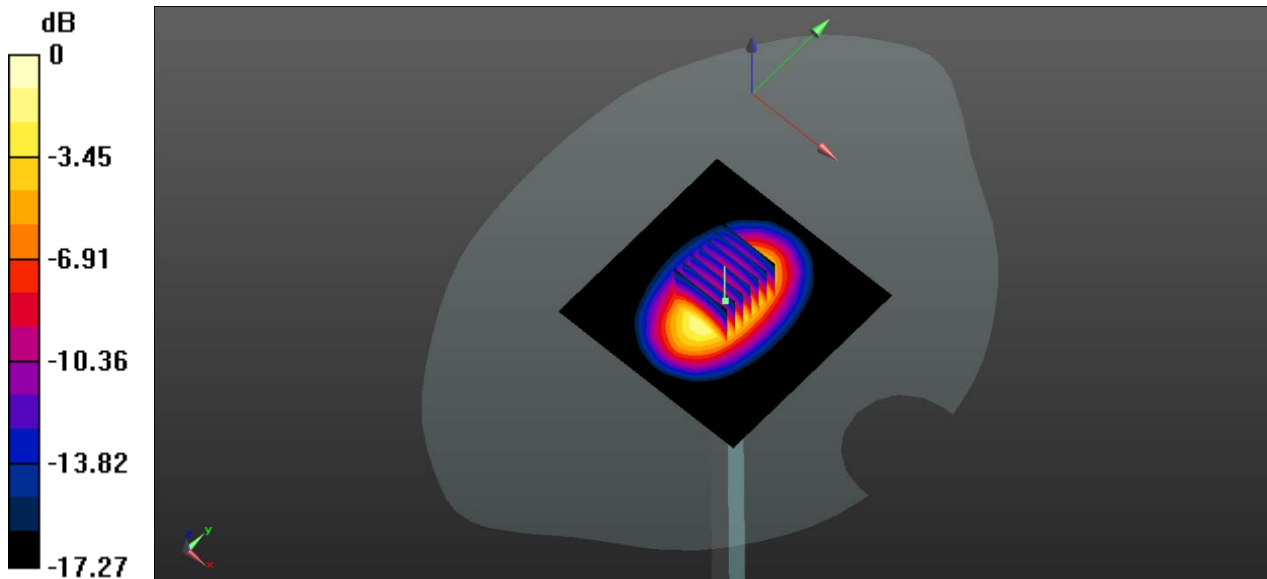
CW1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.62 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.94 W/kg

SAR(1 g) = 3.75 W/kg; SAR(10 g) = 2.02 W/kg

Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.23 W/kg

System Performance Check Data (1900MHz Head)

Date: 2020.03.30

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.288$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.63 W/kg

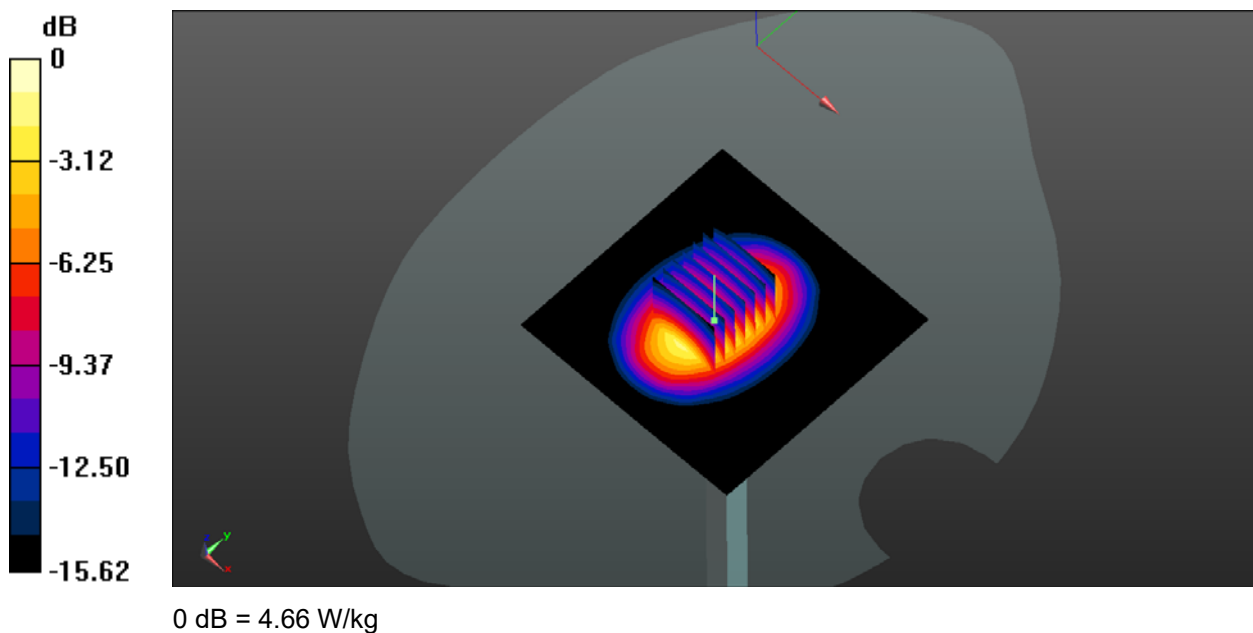
CW 1900 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 7.38 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 4.69 W/kg



System Performance Check Data (1900MHz Head)

Date: 2020.03.29

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 39.392$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.52 W/kg

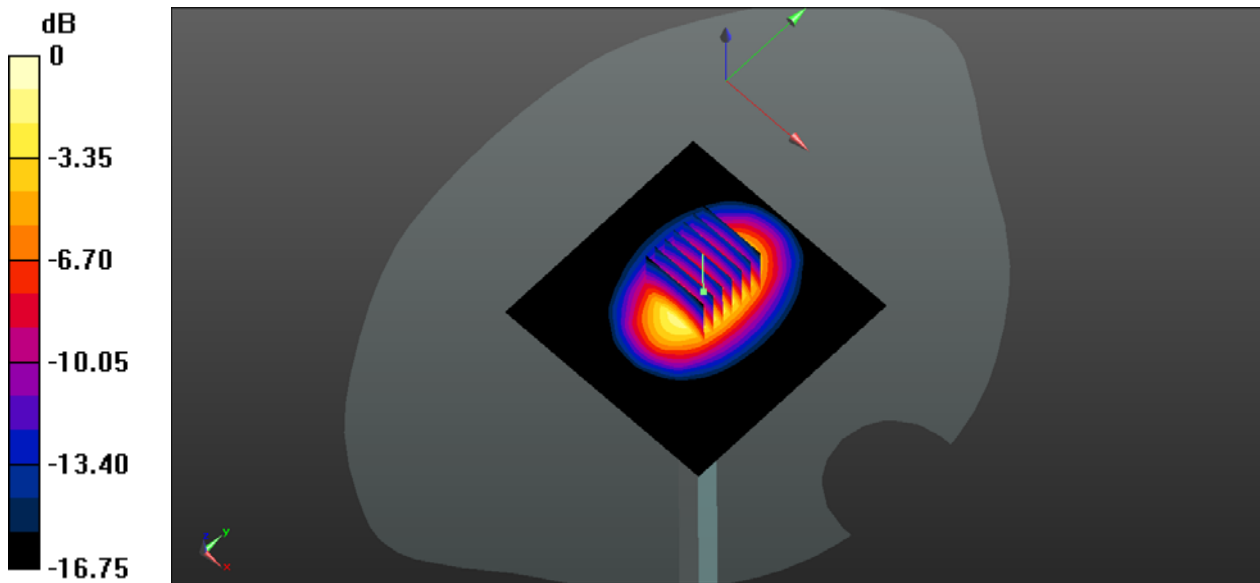
CW 1900 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.82 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 7.39 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (measured) = 4.59 W/kg



0 dB = 4.59 W/kg

System Performance Check Data (1900MHz Head)

Date: 2020.03.27

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1900 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.37 W/kg

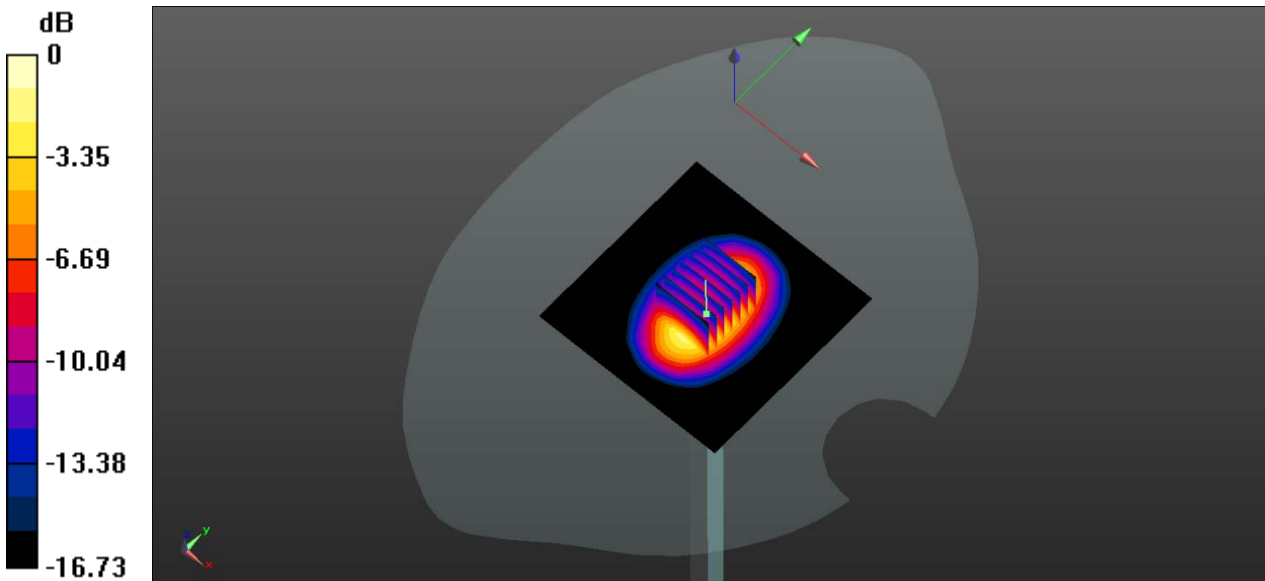
CW1900 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.28 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.11 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 4.37 W/kg



0 dB = 4.37 W/kg

System Performance Check Data (1900MHz Head)

Date: 2020.03.28

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.636$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 Liquid Temperature: 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW1900 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.25 W/kg

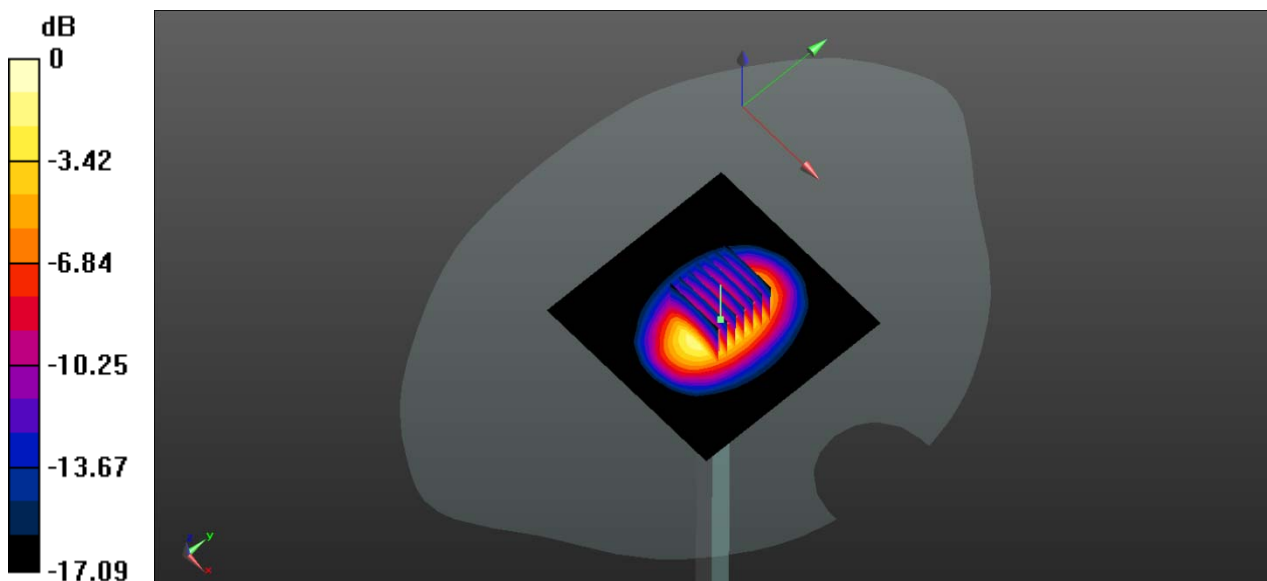
CW1900 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.74 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.14 W/kg

SAR(1 g) = 3.92 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 4.29 W/kg



0 dB = 4.29 W/kg

System Performance Check Data (2450MHz Head)

Date: 2020.04.08

Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 39.793$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 21.9 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2450 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.04 W/kg

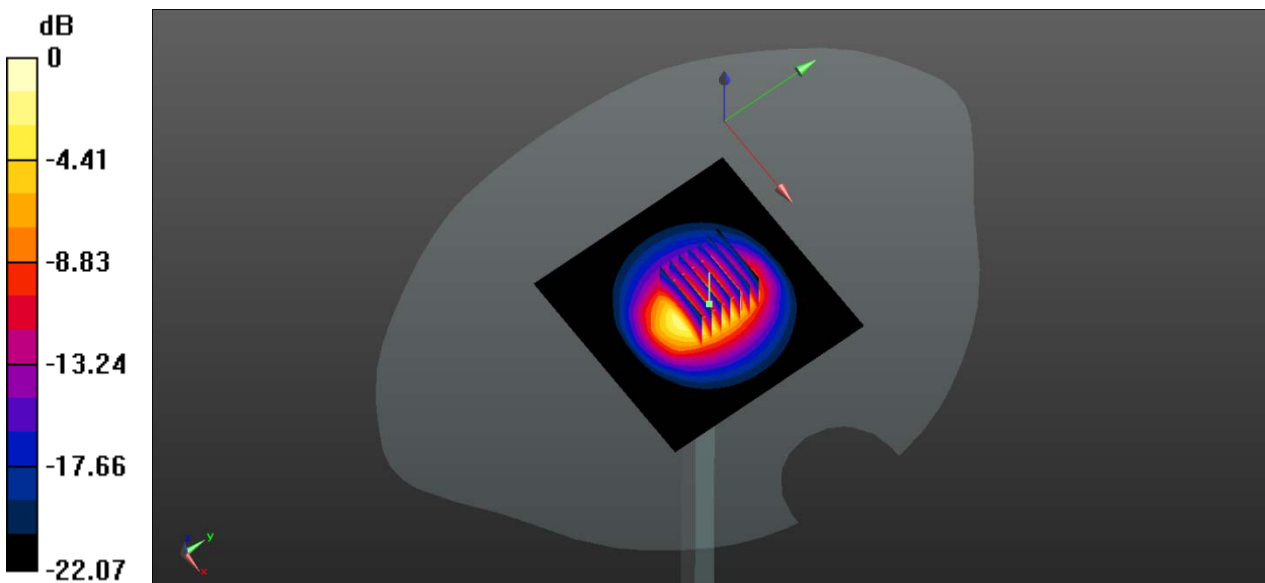
CW 2450 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.29 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 5.28 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 6.03 W/kg



0 dB = 6.03 W/kg

System Performance Check Data (2450MHz Head)

Date: 2020.04.09

Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.668$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2450 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.07 W/kg

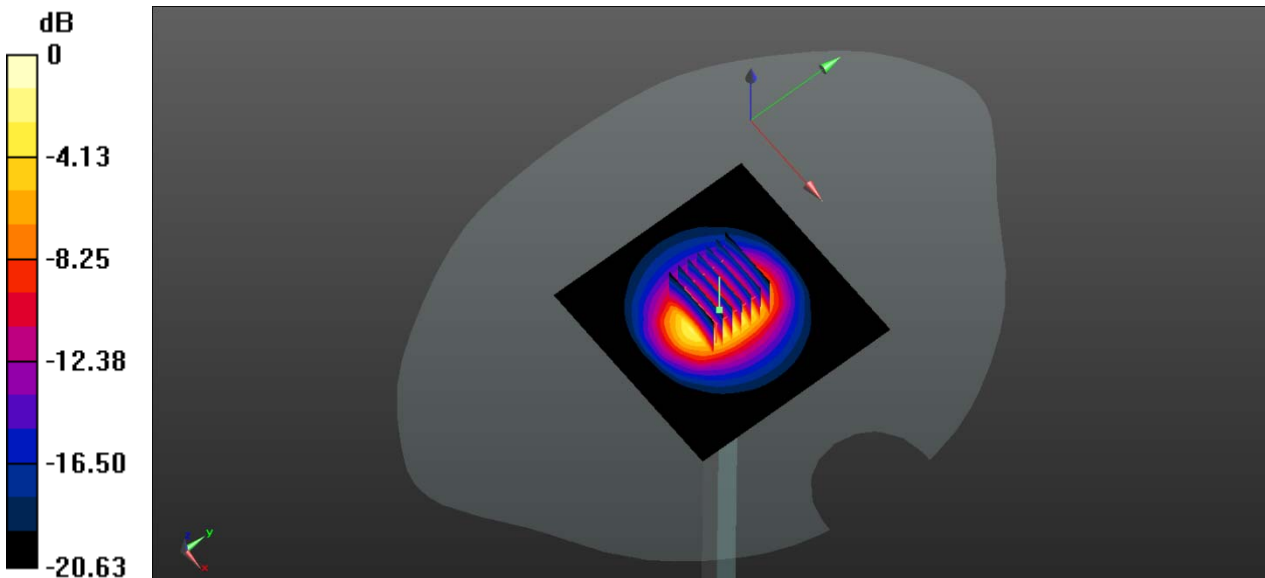
CW2450 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.72 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.35 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 6.12 W/kg



0 dB = 6.12 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.10

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9 Liquid Temperature: 21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.18 W/kg

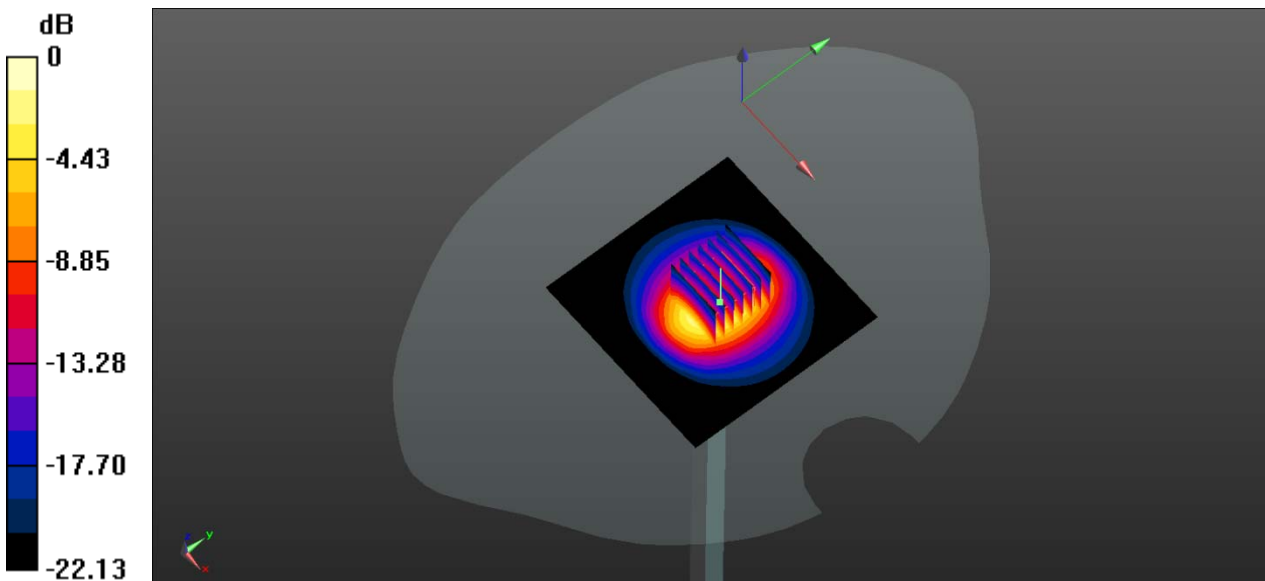
CW 2600 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.83 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.38 W/kg; SAR(10 g) = 2.42 W/kg

Maximum value of SAR (measured) = 6.22 W/kg



0 dB = 6.22 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.11

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.977$ S/m; $\epsilon_r = 38.563$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.22 W/kg

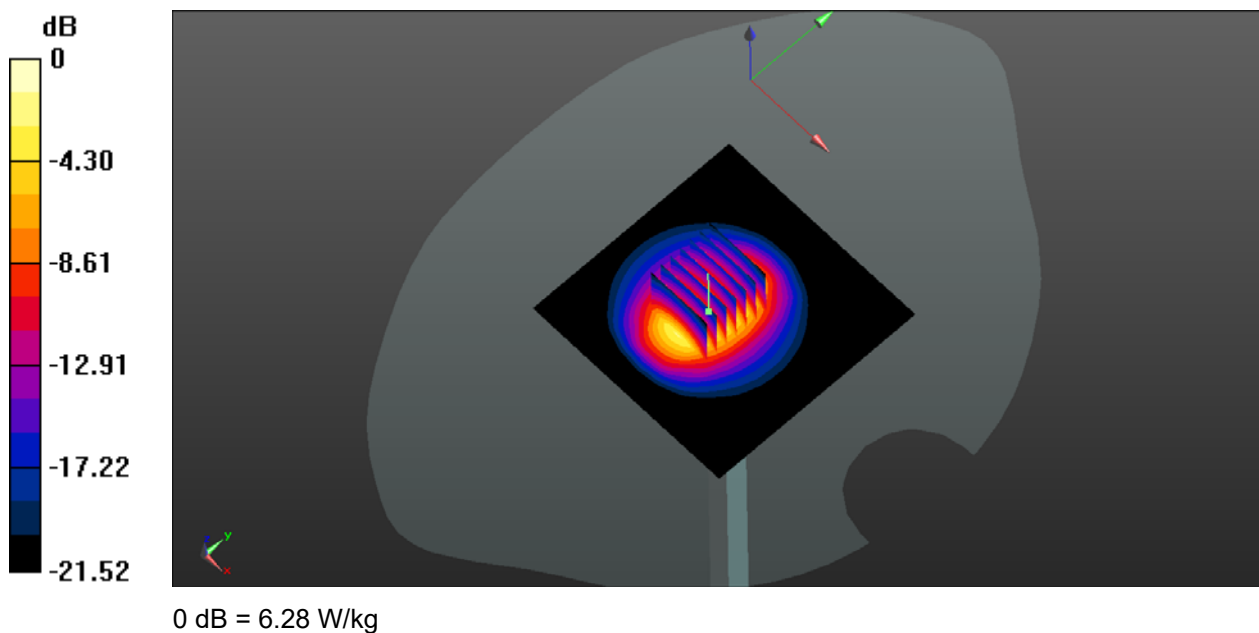
CW 2600 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.92 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 6.28 W/kg



System Performance Check Data (2600MHz Head)

Date: 2020.04.12

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.327$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.43 W/kg

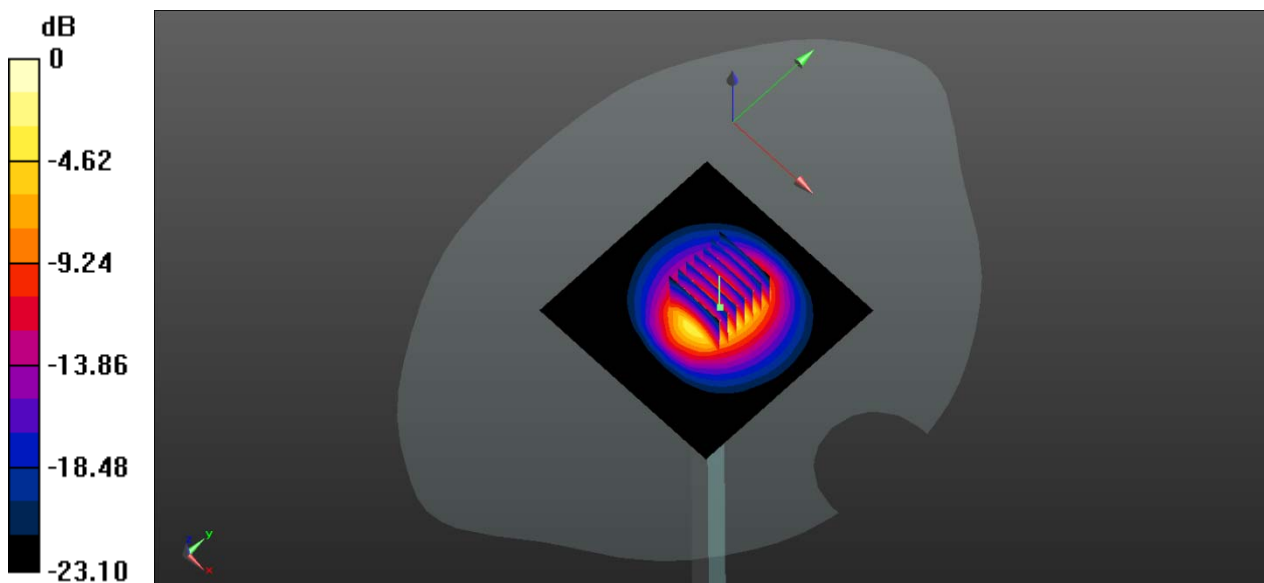
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.08 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 6.39 W/kg



0 dB = 6.39 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.13

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.983$ S/m; $\epsilon_r = 39.487$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.48 W/kg

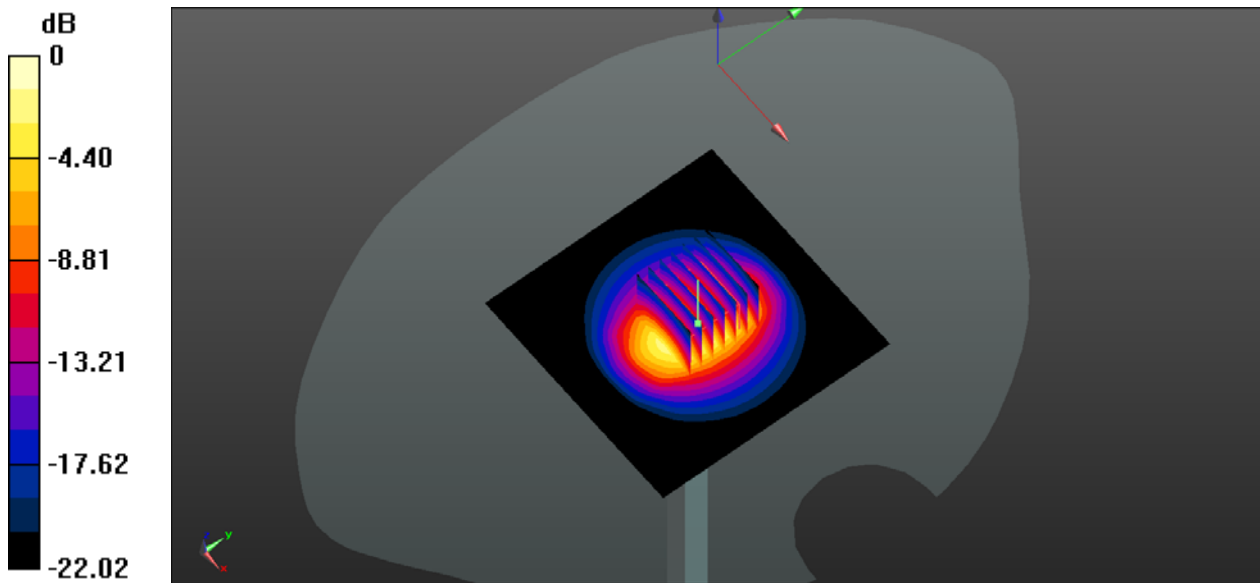
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.14 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 5.52 W/kg; SAR(10 g) = 2.47 W/kg

Maximum value of SAR (measured) = 6.54 W/kg



System Performance Check Data (2600MHz Head)

Date: 2020.04.14

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.966$ S/m; $\epsilon_r = 38.285$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3 Liquid Temperature: 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.28 W/kg

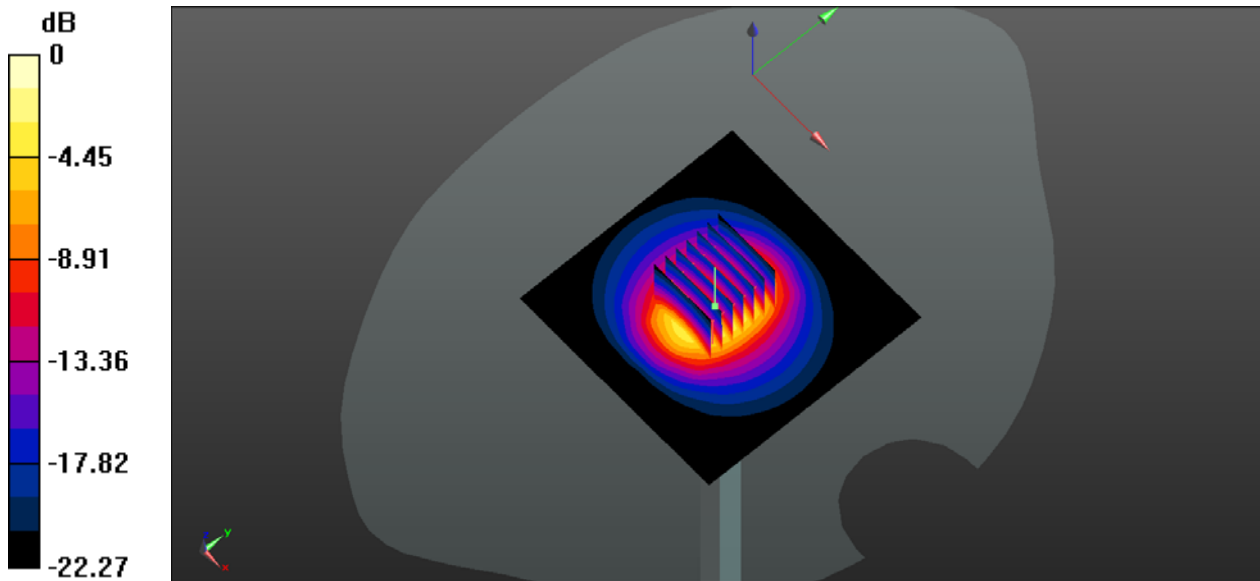
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.53 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.47 W/kg; SAR(10 g) = 2.43 W/kg

Maximum value of SAR (measured) = 6.34 W/kg



0 dB = 6.34 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.15

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 38.296$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.74 W/kg

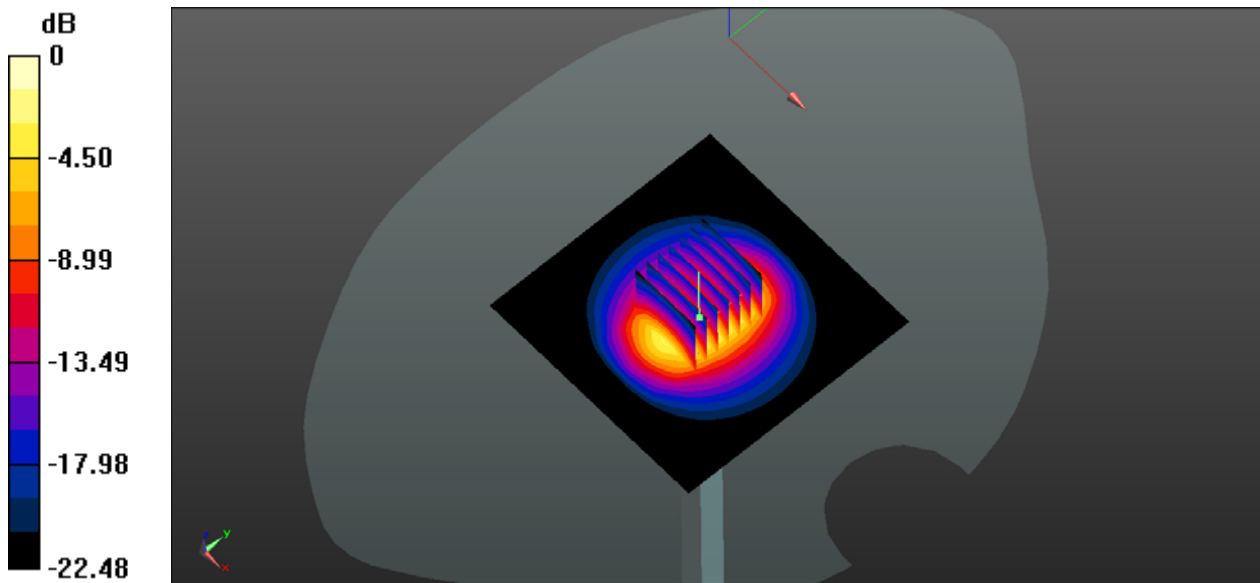
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.29 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.53 W/kg

Maximum value of SAR (measured) = 6.78 W/kg



0 dB = 6.78 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.16

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 39.248$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.29 W/kg

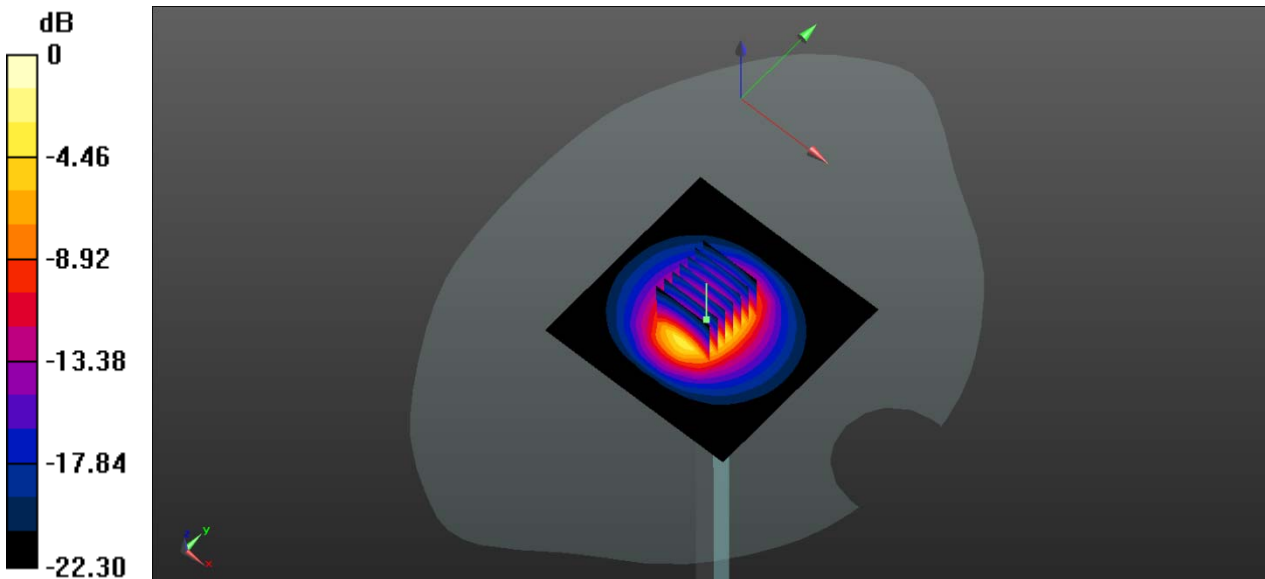
CW2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.23 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.54 W/kg; SAR(10 g) = 2.47 W/kg

Maximum value of SAR (measured) = 6.28 W/kg



0 dB = 6.28 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.17

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 39.218$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.35 W/kg

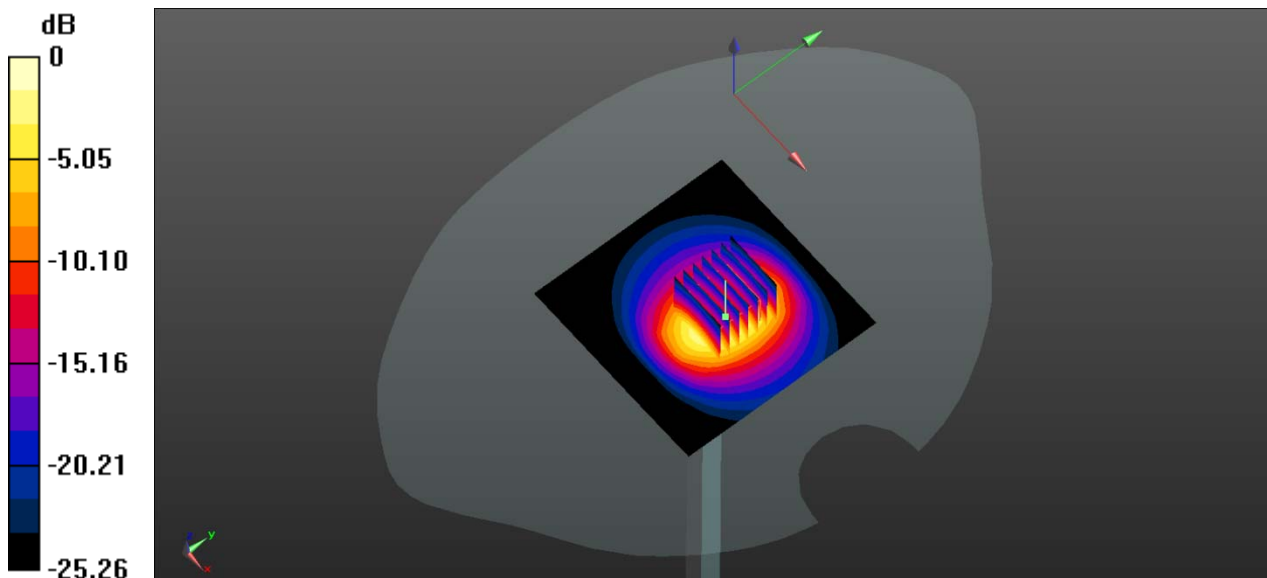
CW2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.87 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.48 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 6.31 W/kg



0 dB = 6.31 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.18

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 39.981$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.82 W/kg

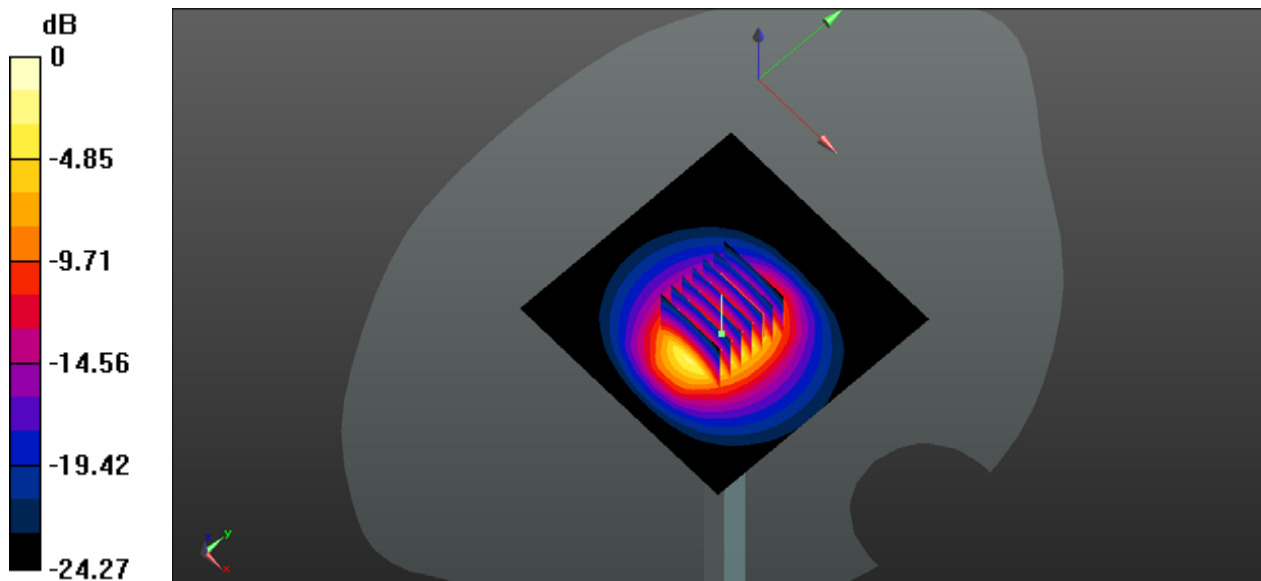
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.34 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 2.53W/kg

Maximum value of SAR (measured) = 6.94 W/kg



0 dB = 6.94 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.19

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 39.092$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW /Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.47 W/kg

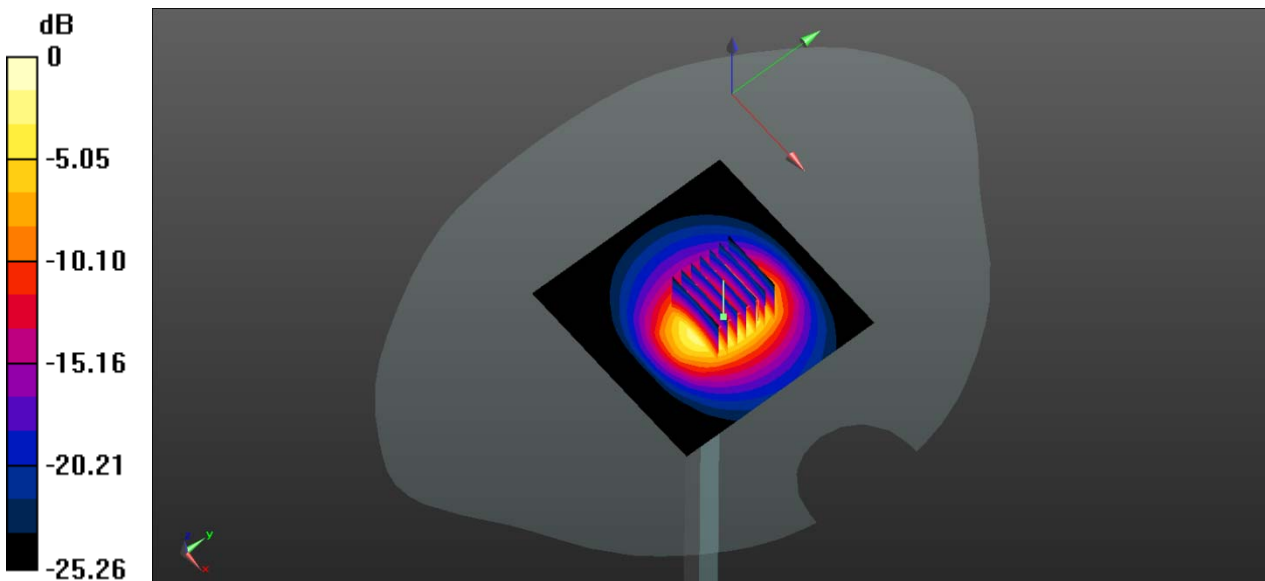
CW 2600 100mW /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.76 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.411 W/kg

Maximum value of SAR (measured) = 6.32 W/kg



0 dB = 6.32 W/kg

System Performance Check Data (2600MHz Head)

Date: 2020.04.20

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2600$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 40.066$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.39 W/kg

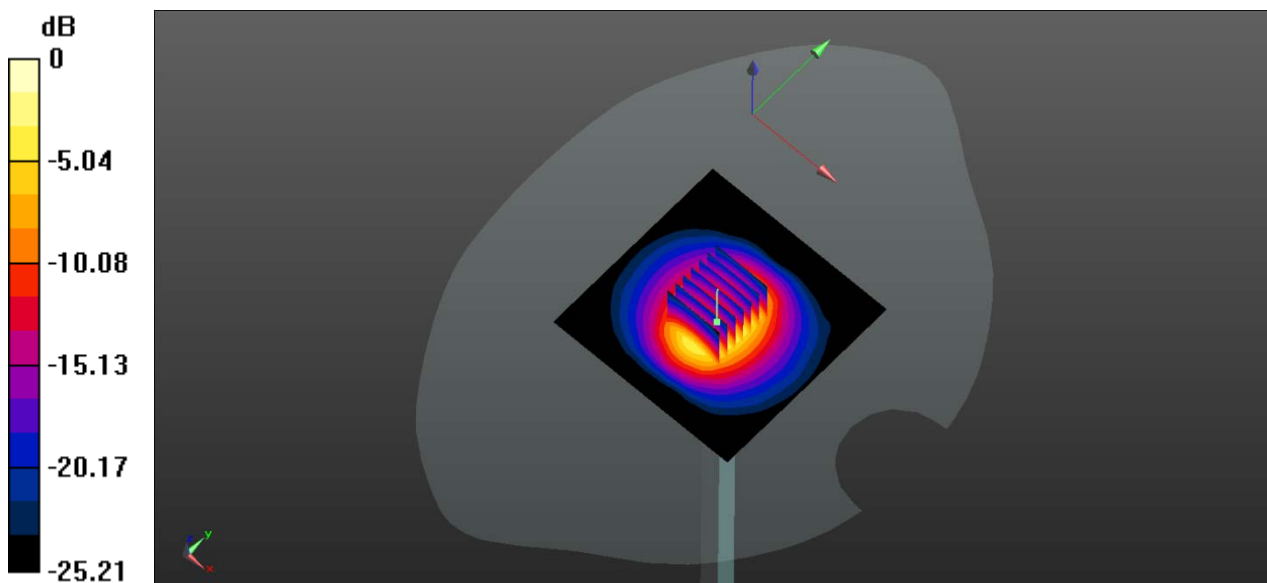
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.85 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 5.59 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 6.48 W/kg



0 dB = 6.48 W/kg

System Performance Check Data (5250MHz Head)

Date: 2020.04.03

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.7$ S/m; $\epsilon_r = 36.334$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4 Liquid Temperature: 20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.51, 5.51, 5.51); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5250 100mW /Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.06 W/kg

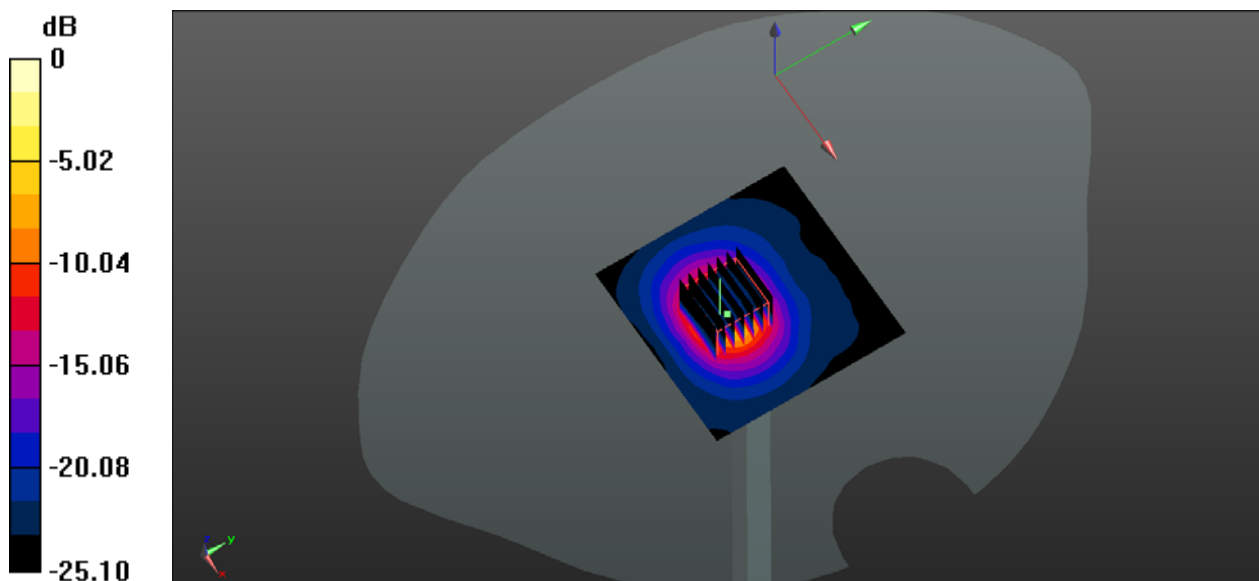
CW 5250 100mW /Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 27.64 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 33.3 W/kg

SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg

System Performance Check Data (5250MHz Head)

Date: 2020.04.04

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.637$ S/m; $\epsilon_r = 36.241$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7 Liquid Temperature: 20.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.51, 5.51, 5.51); Calibrated: 2019.08.02;
- Sensor-Surface: Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5250 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.16 W/kg

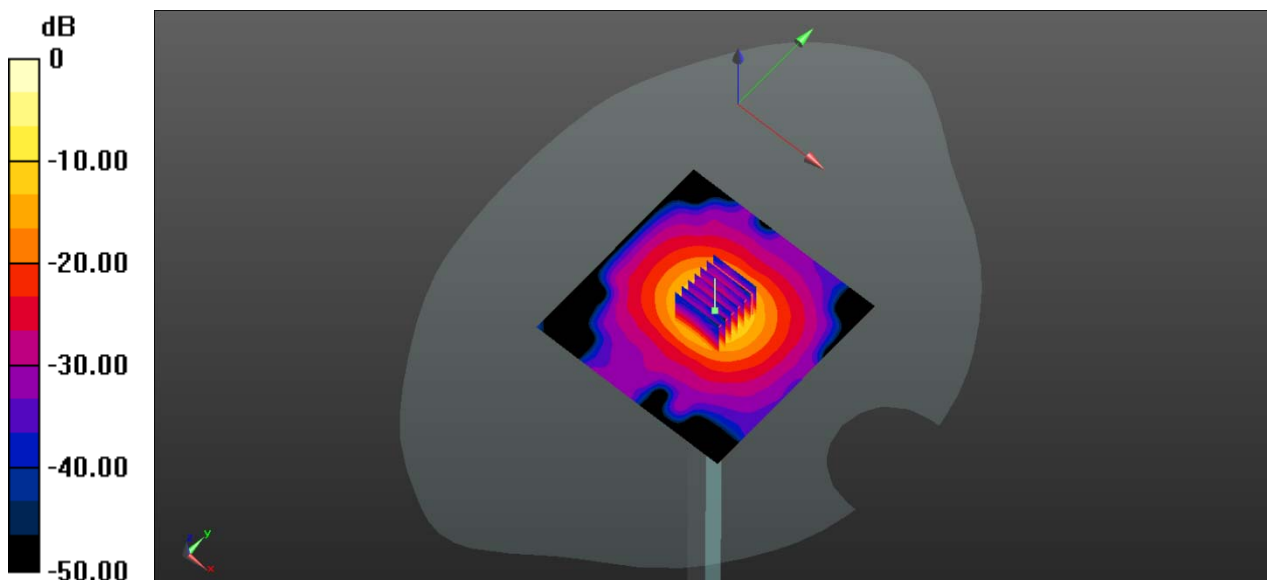
CW5250 100mw/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.39 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 32.15 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 19.12 W/kg



0 dB = 19.12 W/kg

System Performance Check Data (5600MHz Head)

Date: 2020.04.05

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.032$ S/m; $\epsilon_r = 35.198$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 21.9 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(4.8, 4.8, 4.8); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.47 W/kg

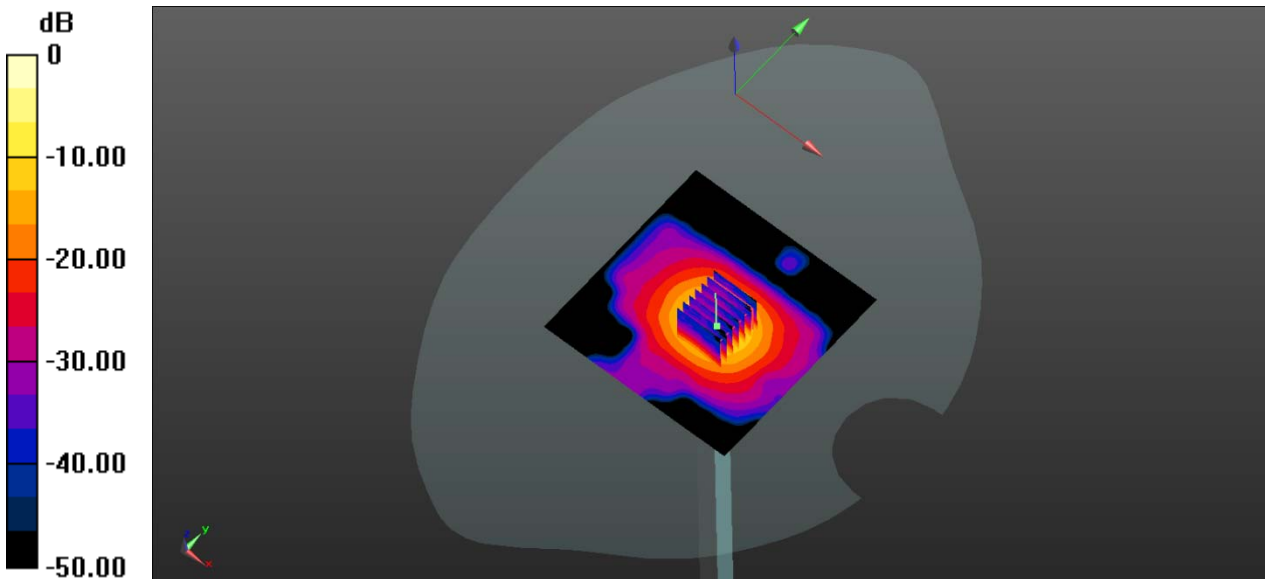
CW5600 100mW/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 36.32 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 38.74 W/kg

SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 21.58 W/kg



0 dB = 21.58 W/kg

System Performance Check Data (5600MHz Head)

Date: 2020.04.06

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.114$ S/m; $\epsilon_r = 35.747$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(4.8, 4.8, 4.8); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5600 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.46 W/kg

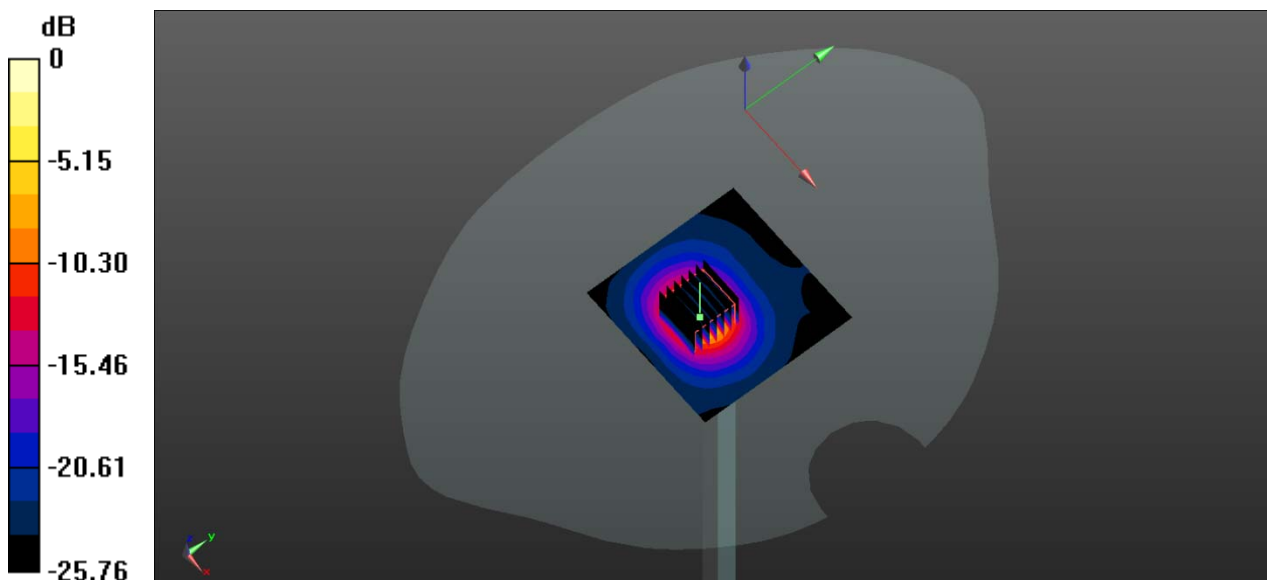
CW 5600 100mW/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.63 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 41.2 W/kg

SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 19.82 W/kg



0 dB = 19.82 W/kg

System Performance Check Data (5750MHz Head)

Date: 2020.04.07

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.147 \text{ S/m}$; $\epsilon_r = 35.986$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.9 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.06, 5.06, 5.06); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5750 100mW/Area Scan (81x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 8.72 W/kg

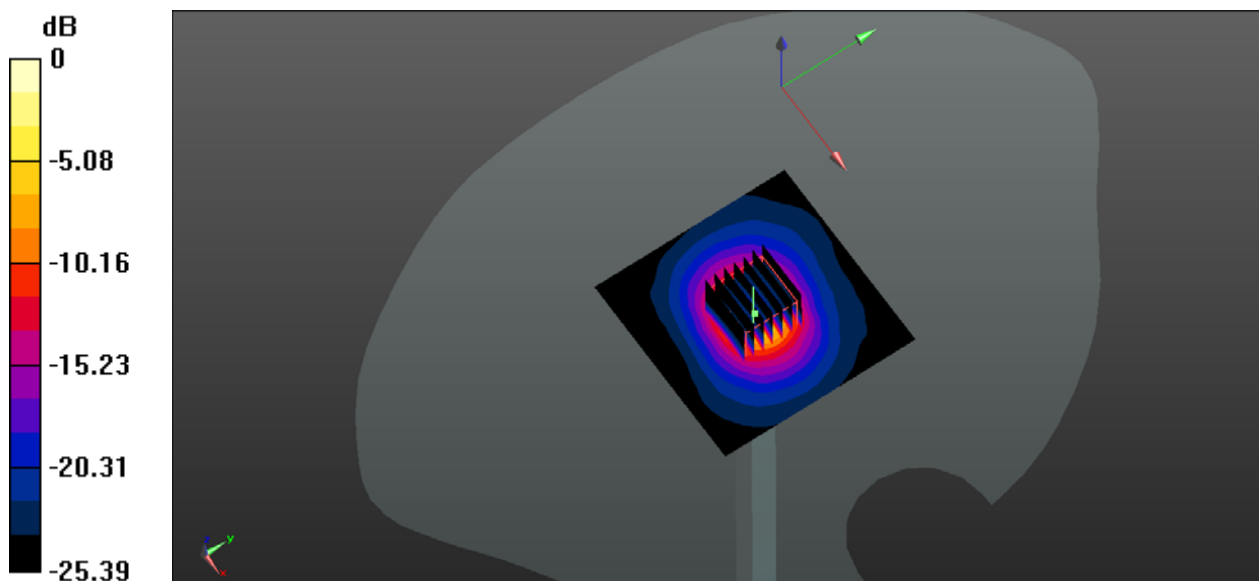
CW 5750 100mW/Zoom Scan (7x7x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 41.36 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 36.8 W/kg

SAR(1 g) = 7.78 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (measured) = 16.82 W/kg



0 dB = 16.82 W/kg

ANNEX C TEST DATA

MEAS.1 Right Head with Cheek on Low Channel in GPRS850 2Slots mode with Antenna 0

Date: 2020.03.26

Communication System Band: GPRS850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.9 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

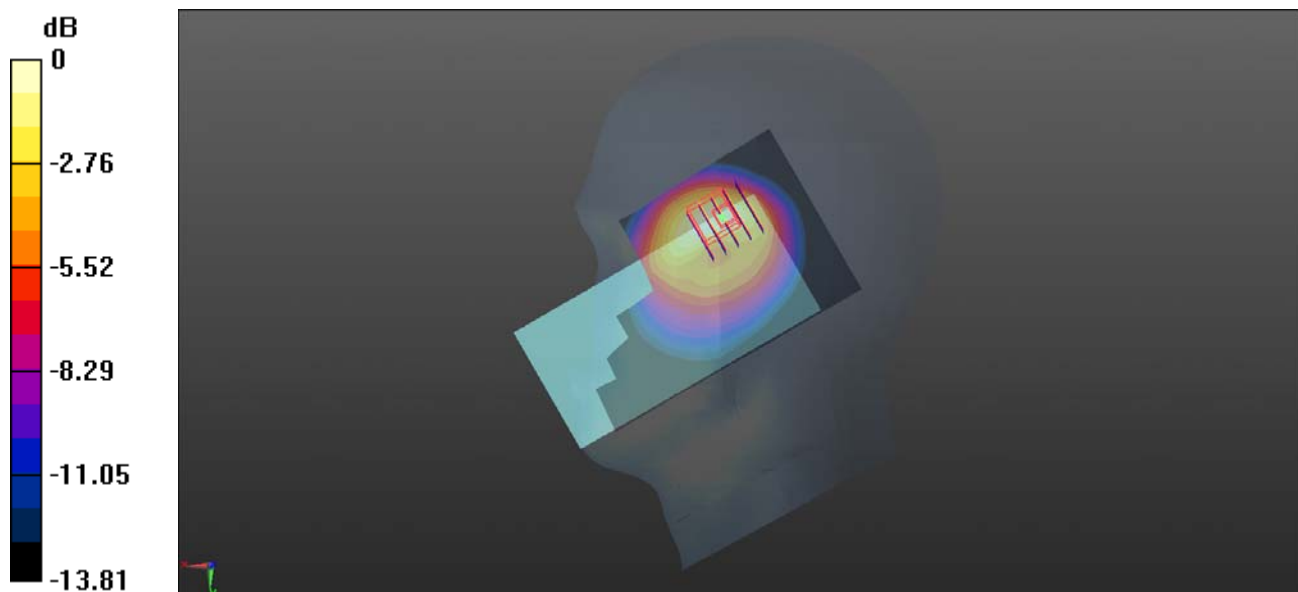
Ch 128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.29 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 0.917 W/kg



0 dB = 0.917 W/kg

MEAS.2 Body Plane with Back Side 10mm on High Channel in GPRS850 2Slots mode with Up Antenna 1

Date: 2020.03.26

Communication System Band: GPRS850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 40.799$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 251/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

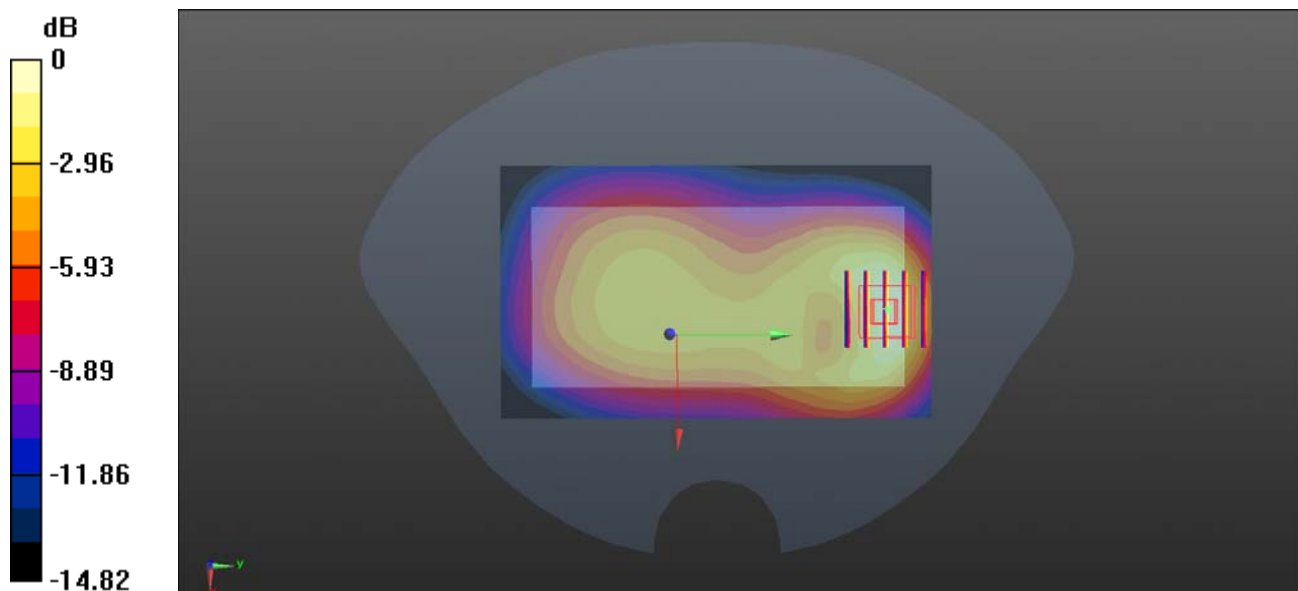
Ch 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.99 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.614 W/kg



0 dB = 0.614 W/kg

MEAS.3 Right Head with Cheek on High Channel in GPRS1900 2Slots mode with Antenna 2

Date: 2020.03.30

Communication System Band: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.744$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.7 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 810/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.557 W/kg

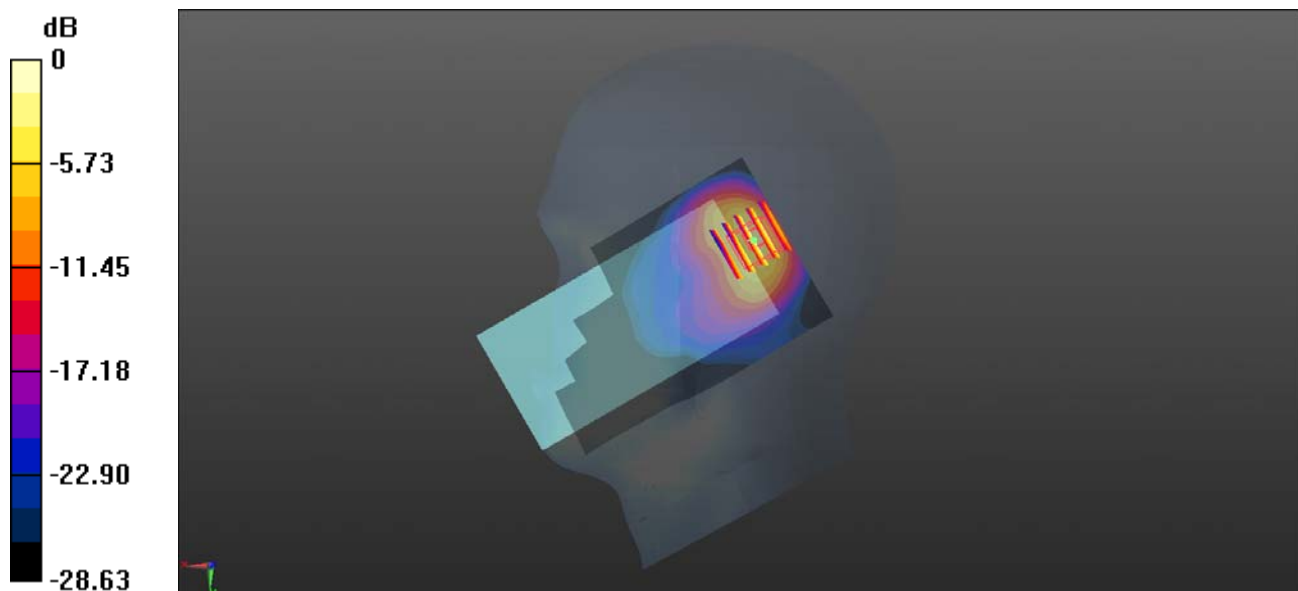
Ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.396 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

MEAS.4 Body Plane with Back Side 10mm on High Channel in GPRS1900 2Slots with mode Antenna 2

Date: 2020.03.30

Communication System Band: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.744$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.7 Liquid Temperature:21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 810/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.582 W/kg

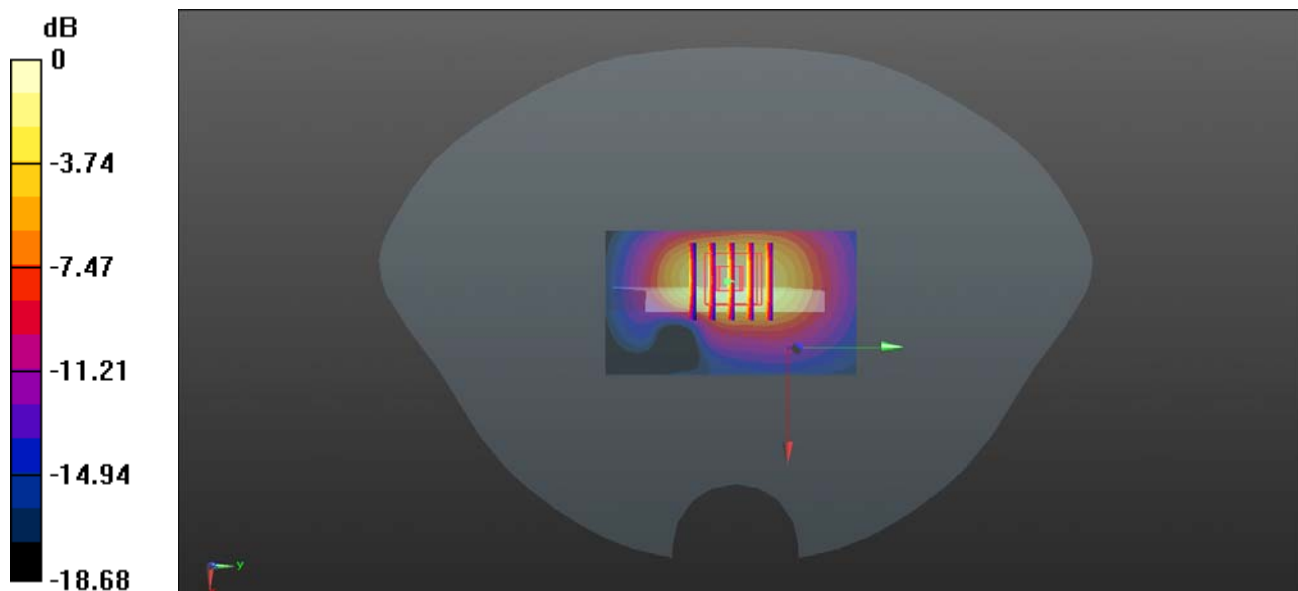
Ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.07 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

MEAS.5 Body Plane with Back Side 0mm on High Channel in GPRS1900 2Slots with mode Antenna 2

Date: 2020.03.30

Communication System Band: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.744$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7 Liquid Temperature: 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 810/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.25 W/kg

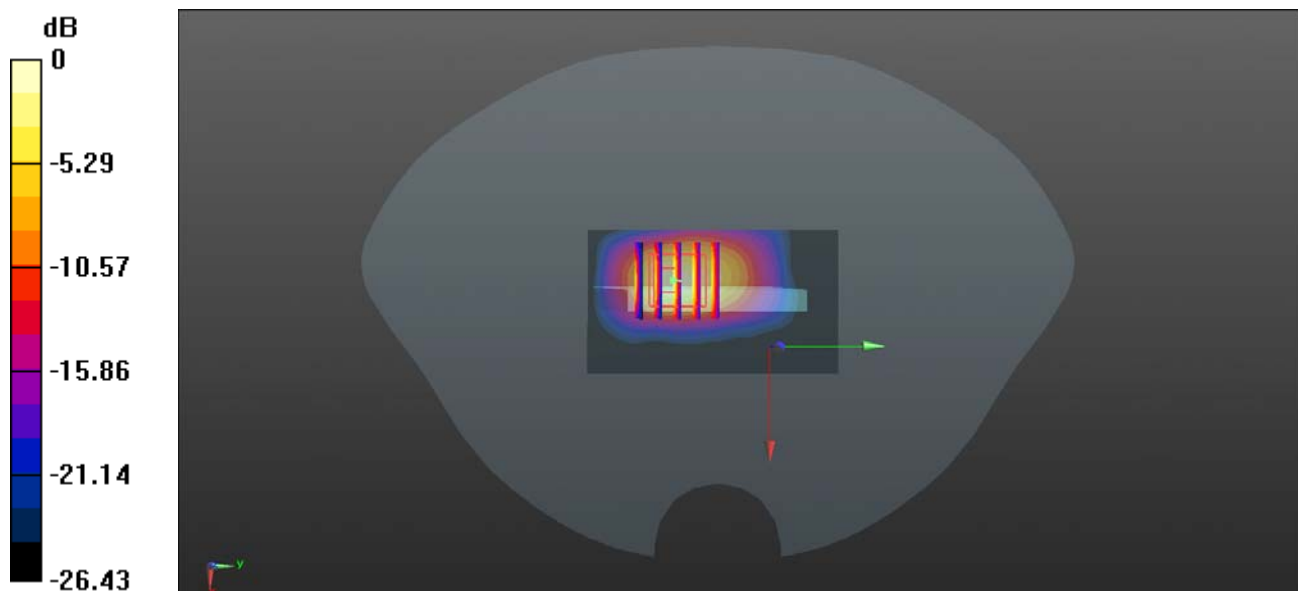
Ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.14 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 5.77 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 0.766 W/kg

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg

MEAS.6 Right Head with Tilt on High Channel in WCDMA Band 2 mode with Antenna 2

Date: 2020.03.29

Communication System Band: II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 38.872$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.8 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 9538/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.902 W/kg

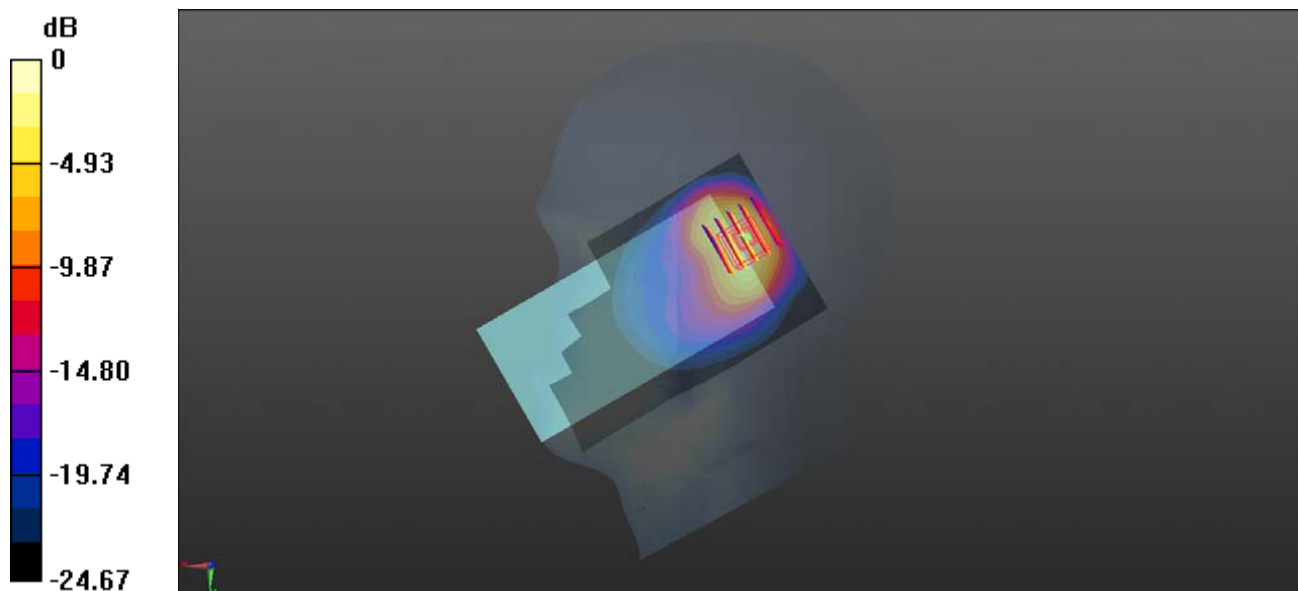
Configuration/Ch 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.45 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

MEAS.7 Body Plane with Top Edge 10mm on Middle Channel in WCDMA Band 2 mode with Antenna 2

Date: 2020.03.29

Communication System Band: II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.644$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 9400/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.586 W/kg

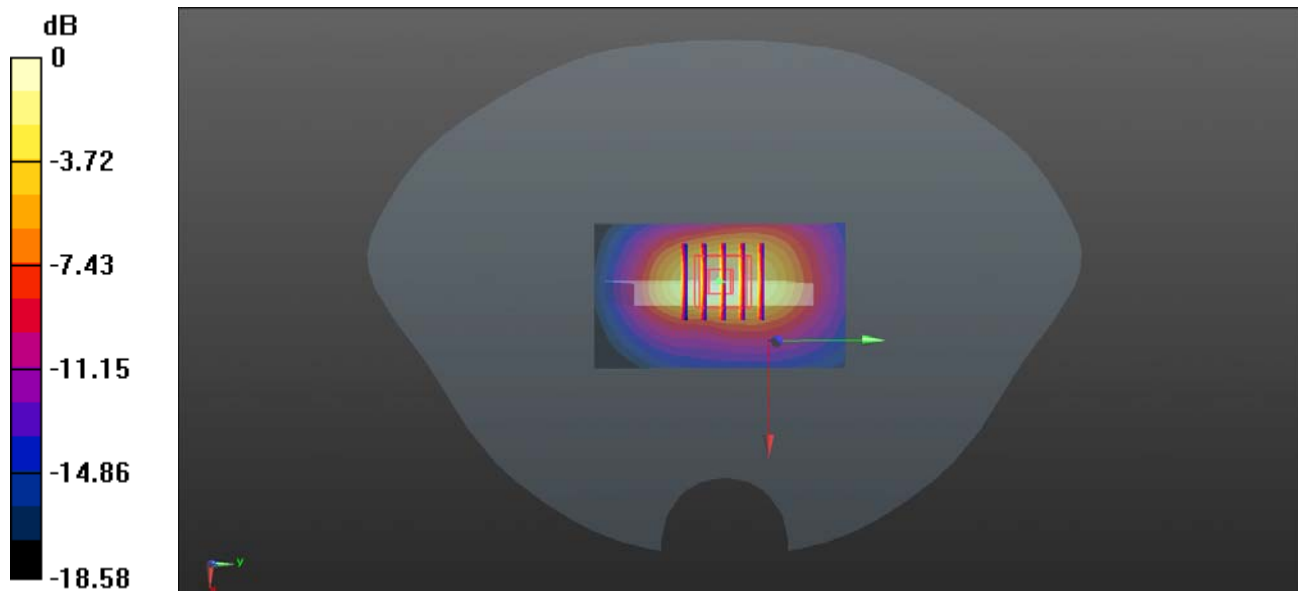
Ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.95 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg

MEAS.8 Body Plane with Top Edge 0mm on Middle Channel in WCDMA Band 2 mode with Antenna 2

Date: 2020.03.29

Communication System Band: II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.644$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 9400/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.67 W/kg

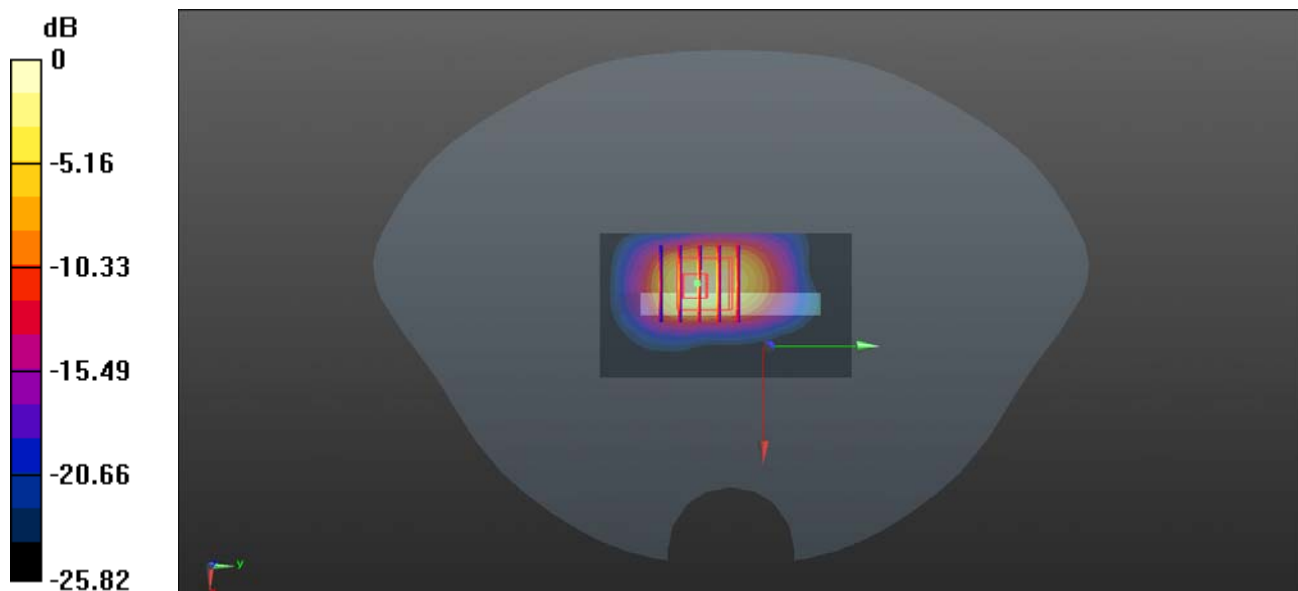
Ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.94 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 9.06 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 1.38 W/kg

Maximum value of SAR (measured) = 4.37 W/kg



0 dB = 4.37 W/kg

MEAS.9 Right Head with Tilt on Low Channel in WCDMA Band 4 mode with Antenna 2

Date: 2020.04.02

Communication System Band: IV; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 41.201$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.4 Liquid Temperature: 21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 1312/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.795 W/kg

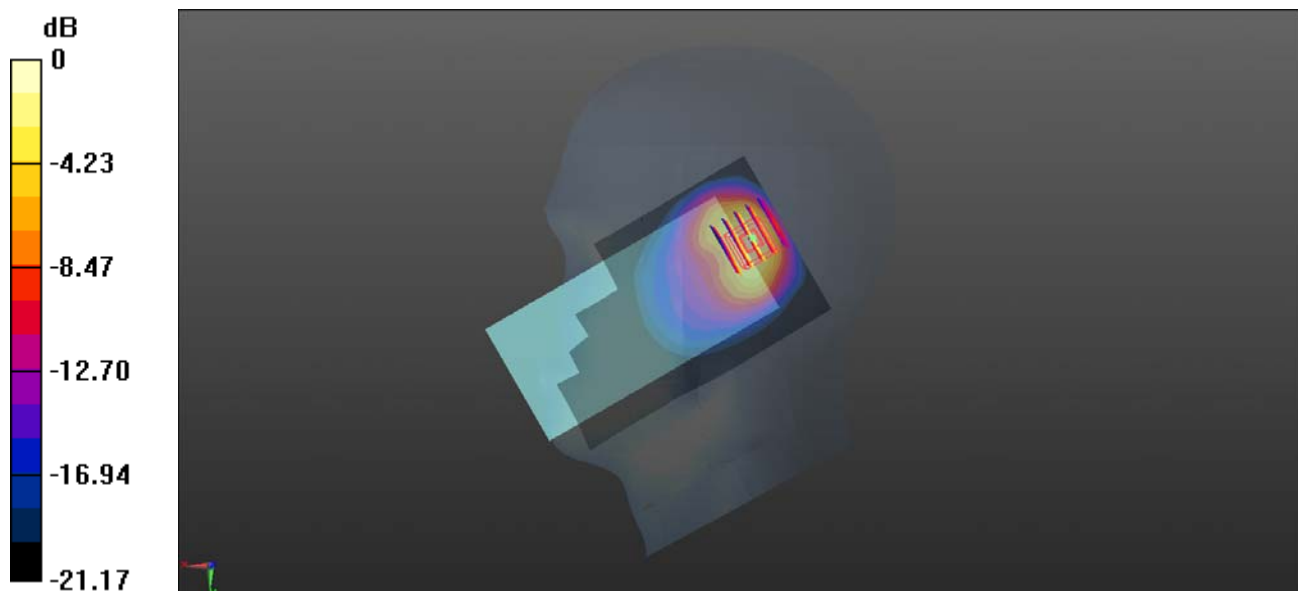
Ch 1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.28 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

MEAS.10 Body Plane with Top Edge 10mm on Middle Channel in WCDMA Band 4 mode with Antenna 2

Date: 2020.04.02

Communication System Band: IV; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.936$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4 Liquid Temperature: 21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 1412/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.492 W/kg

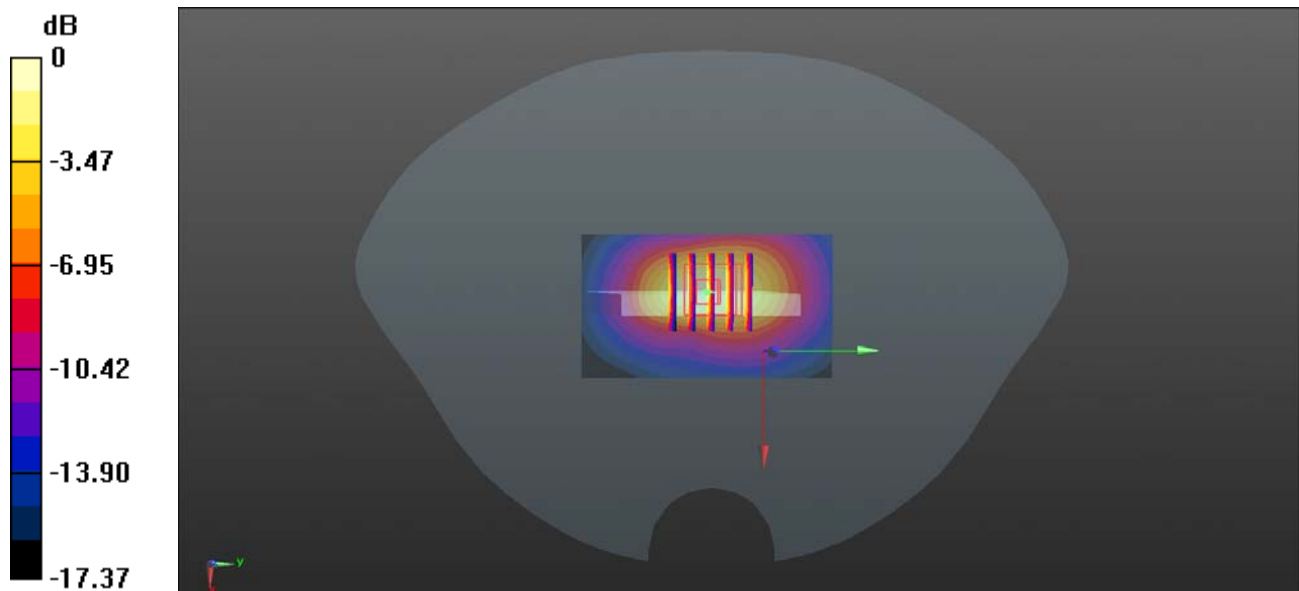
Ch 1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.62 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg

MEAS.11 Body Plane with Top Edge 0mm on Middle Channel in WCDMA Band 4 mode with Antenna 2

Date: 2020.04.02

Communication System Band: IV; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.936$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4 Liquid Temperature: 21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 1412/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.99 W/kg

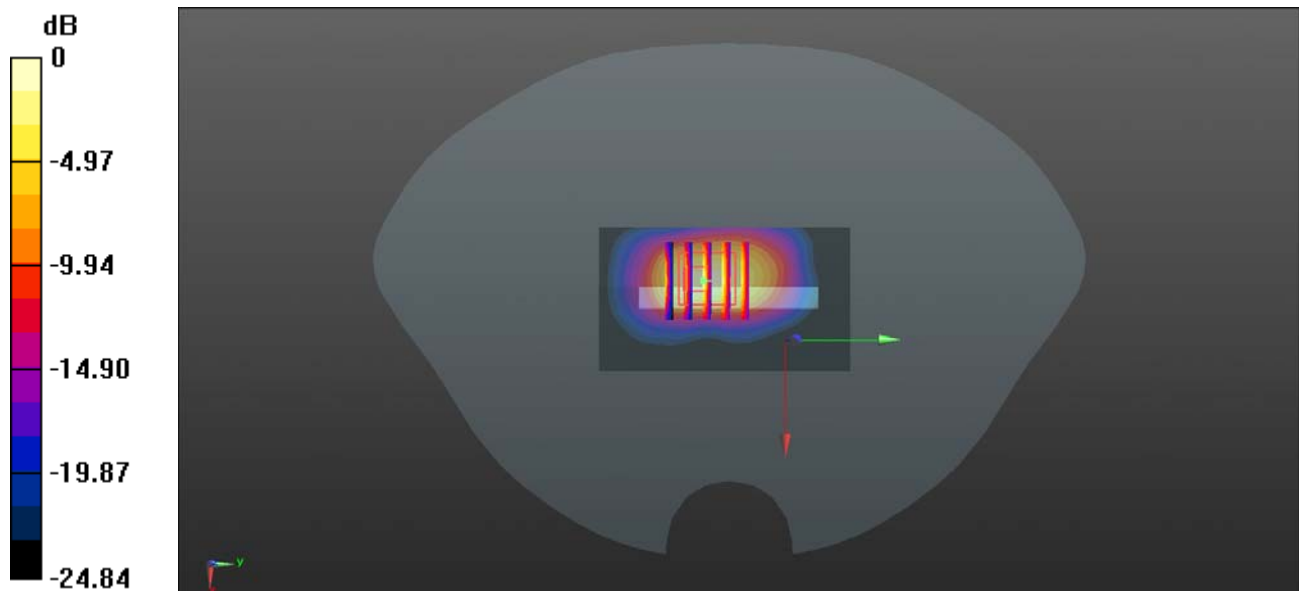
Ch 1412/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.05 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 7.51 W/kg

SAR(1 g) = 2.98 W/kg; SAR(10 g) = 1.22 W/kg

Maximum value of SAR (measured) = 3.73 W/kg



0 dB = 3.73 W/kg

MEAS.12 Right Head with Cheek on Low Channel in WCDMA Band 5 mode with Antenna 0

Date: 2020.03.25

Communication System Band: V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 42.469$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.8 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 4132/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.889 W/kg

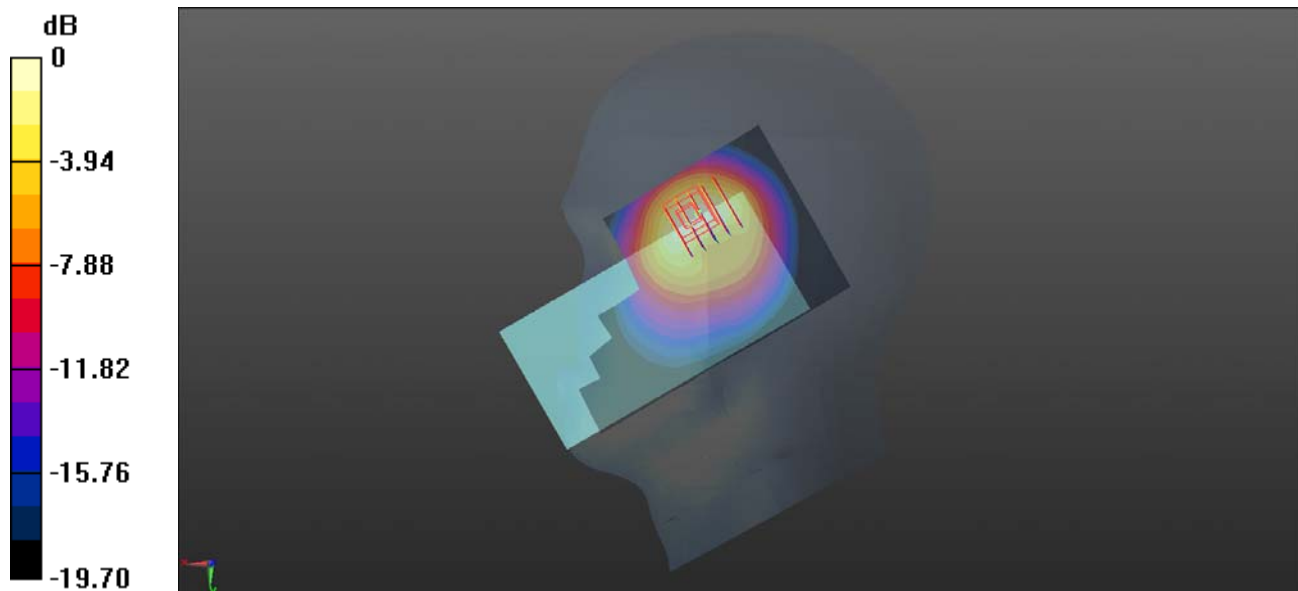
Ch 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.36 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

MEAS.13 Body Plane with Right Edge 10mm on Middle Channel in WCDMA Band 5 mode with Antenna 0

Date: 2020.03.25

Communication System Band: V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 42.195$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 4182/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.684 W/kg

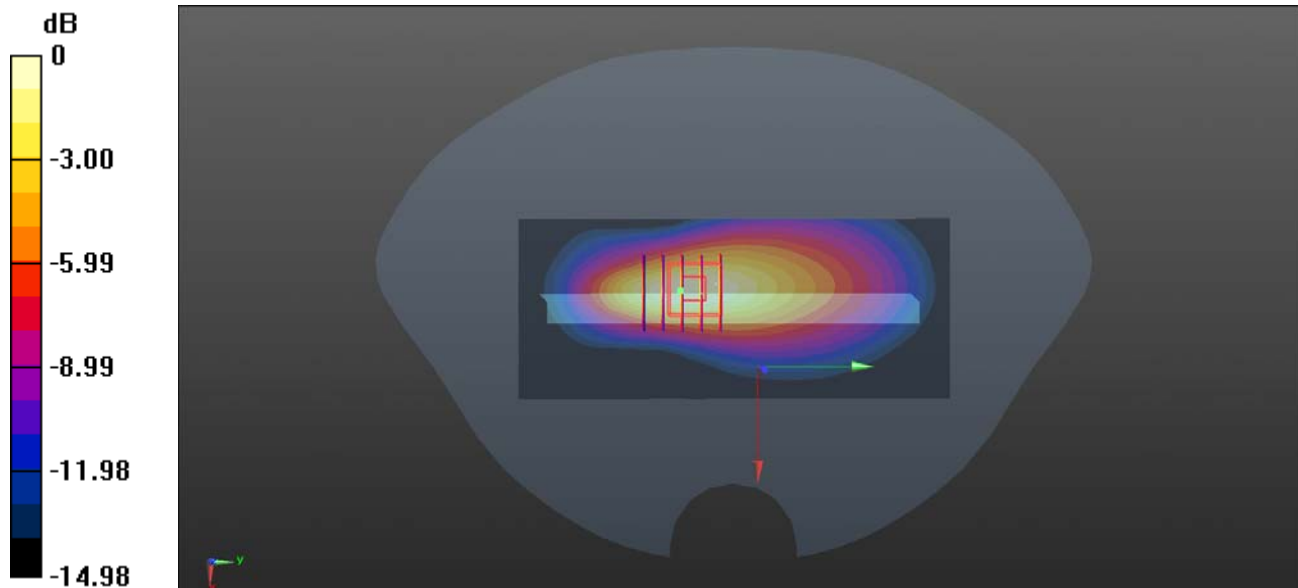
Ch 4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.97 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg

MEAS.14 Right Head with Tilt on Middle Channel in LTE Band 2 mode with Antenna 2 50RB

Date: 2020.03.27

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 41.004$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.7 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 18900/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.848 W/kg

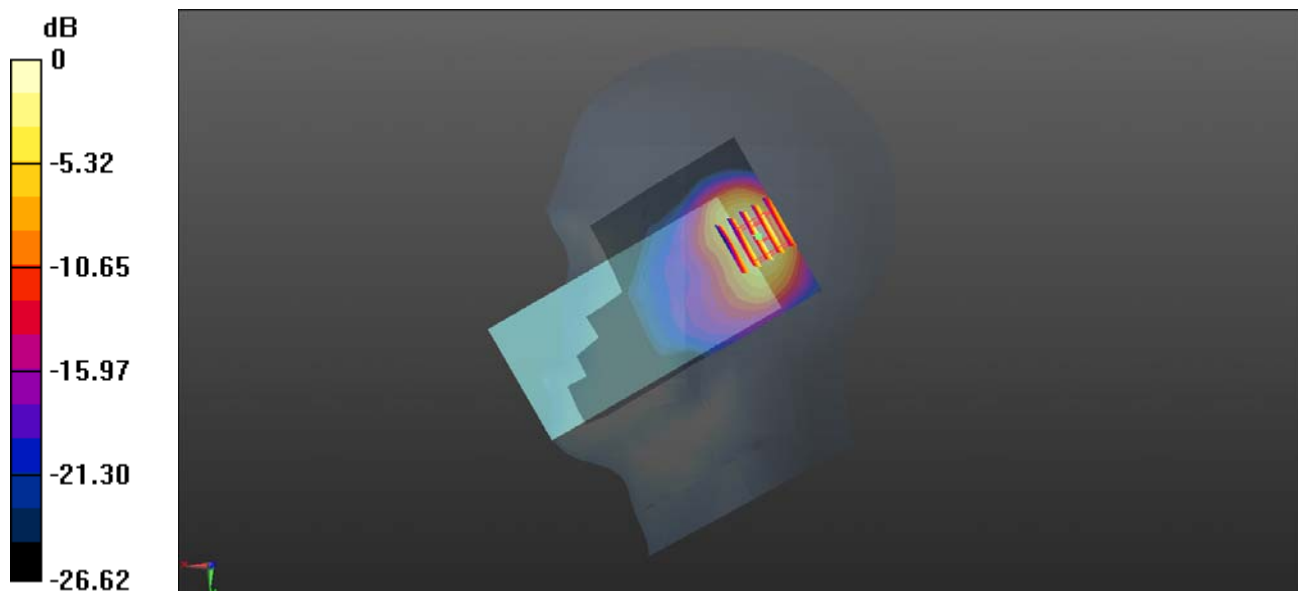
Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



0 dB = 0.834 W/kg

MEAS.15 Body Plane with Top 10mm on Middle Channel in LTE Band 2 mode with Antenna 2 50RB

Date: 2020.03.27

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 41.004$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.7 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 18900/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.638 W/kg

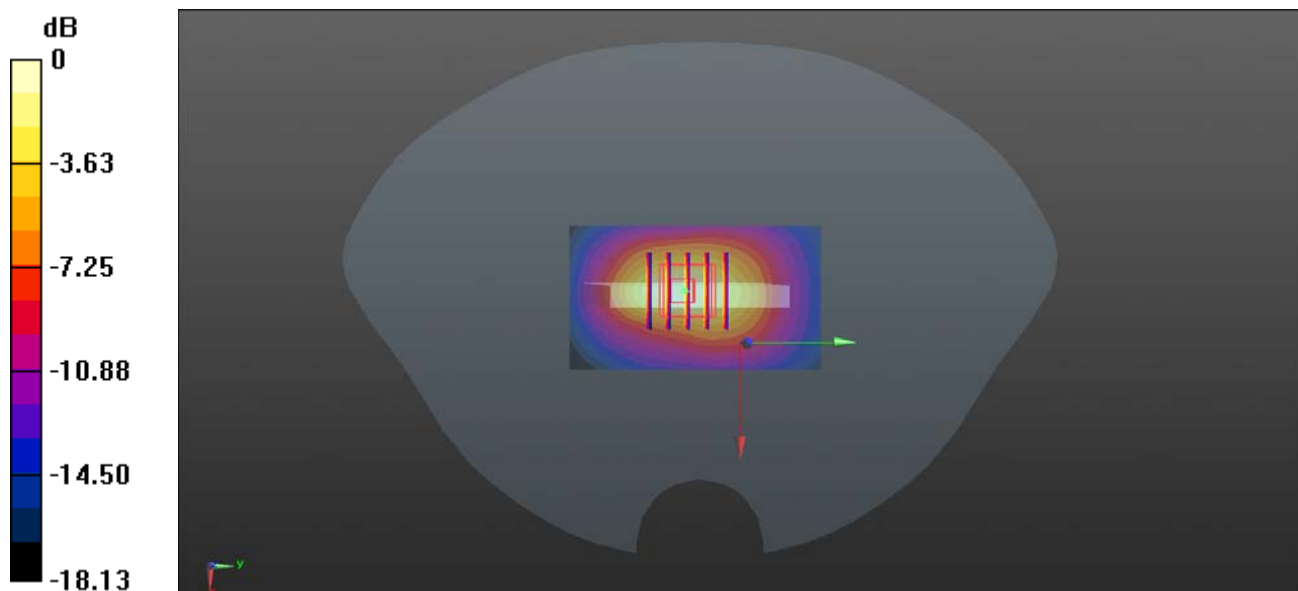
Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.80 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg

MEAS.16 Body Plane with Top 0mm on Middle Channel in LTE Band 2 mode with Antenna 2 50RB

Date: 2020.03.27

Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 41.004$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.7 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.38, 8.38, 8.38); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 18900/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.65 W/kg

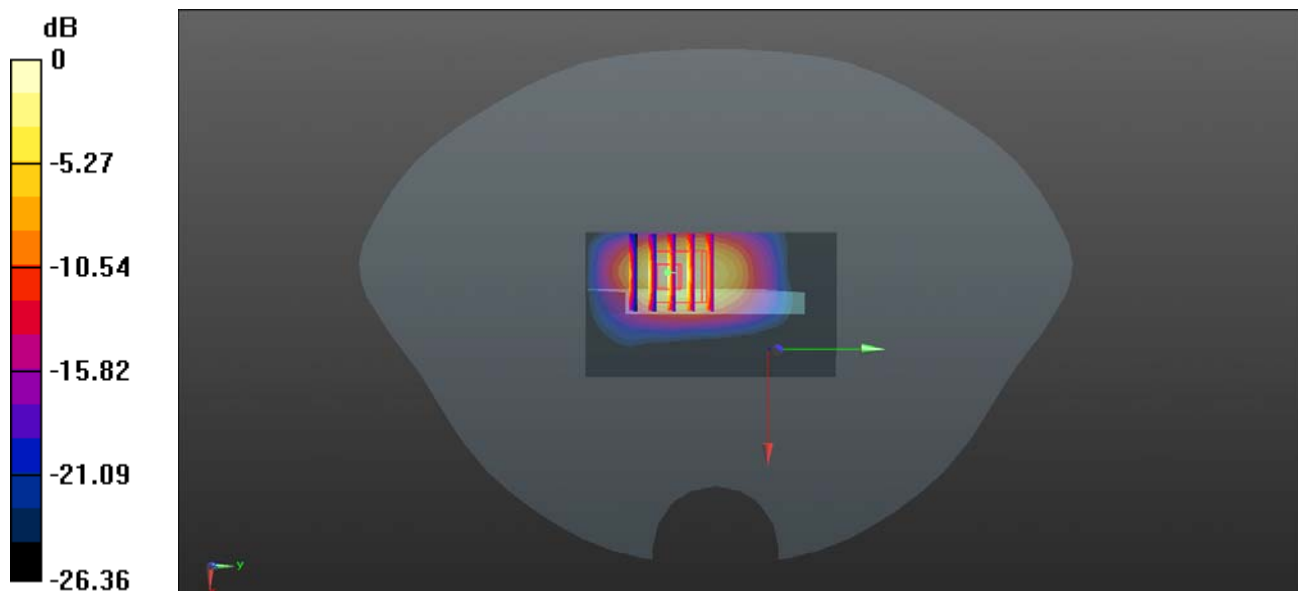
Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.69 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 4.55 W/kg



0 dB = 4.55 W/kg

MEAS.17 Right Head with Tilt on Middle Channel in LTE Band 4 mode with Antenna 2 1RB

Date: 2020.03.31

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 39.241$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.3 Liquid Temperature: 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 20175/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.845 W/kg

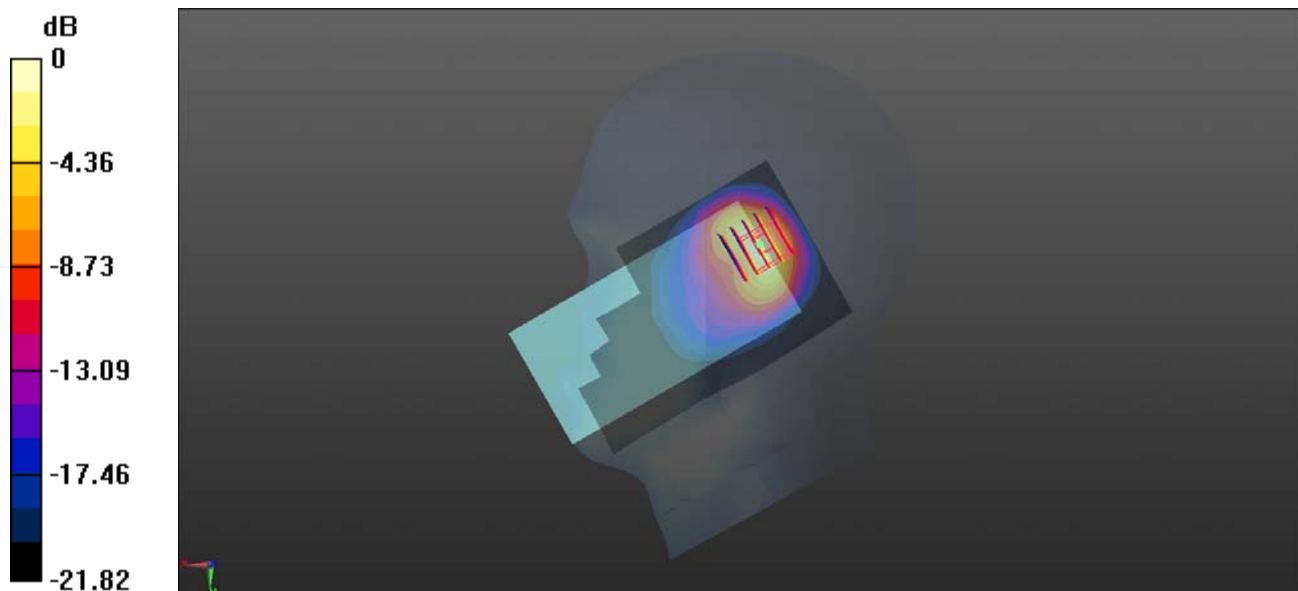
Ch 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.09 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.917 W/kg



0 dB = 0.917 W/kg

MEAS.18 Body Plane with Top Edge 10mm on Low Channel in LTE Band 4 mode with Antenna 2 50RB

Date: 2020.03.31

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 39.457$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 20050/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.661 W/kg

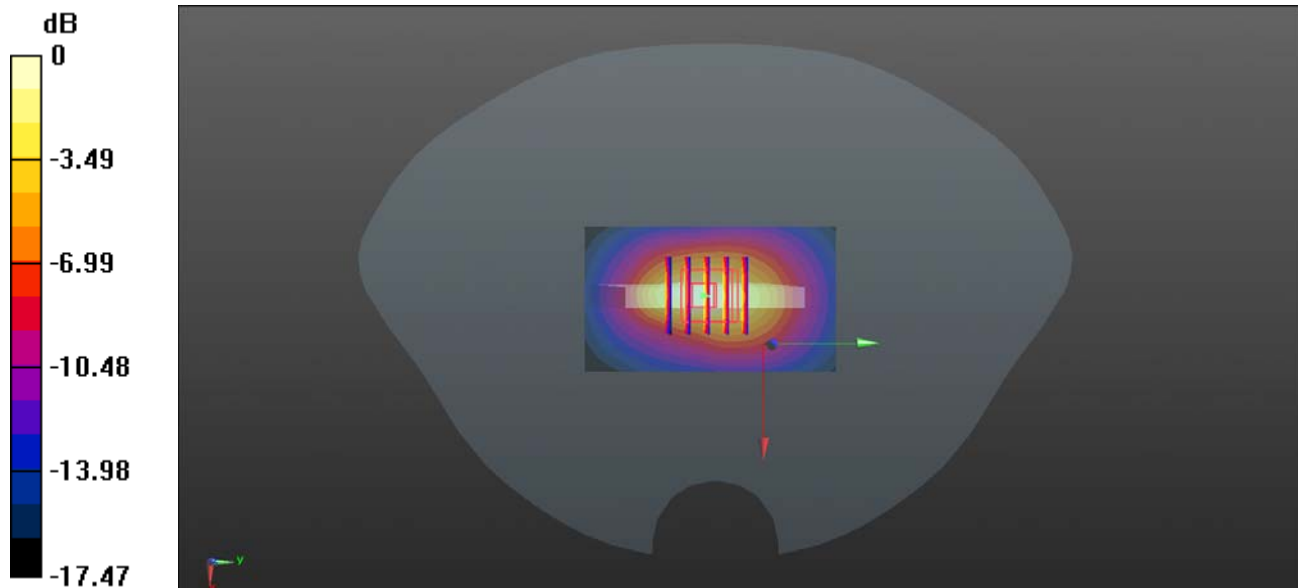
Ch 20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.09 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg

MEAS.19 Body Plane with Top Edge 0mm on Low Channel in LTE Band 4 mode with Antenna 2 50RB

Date: 2020.03.31

Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 39.457$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(8.67, 8.67, 8.67); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 20050/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.33 W/kg

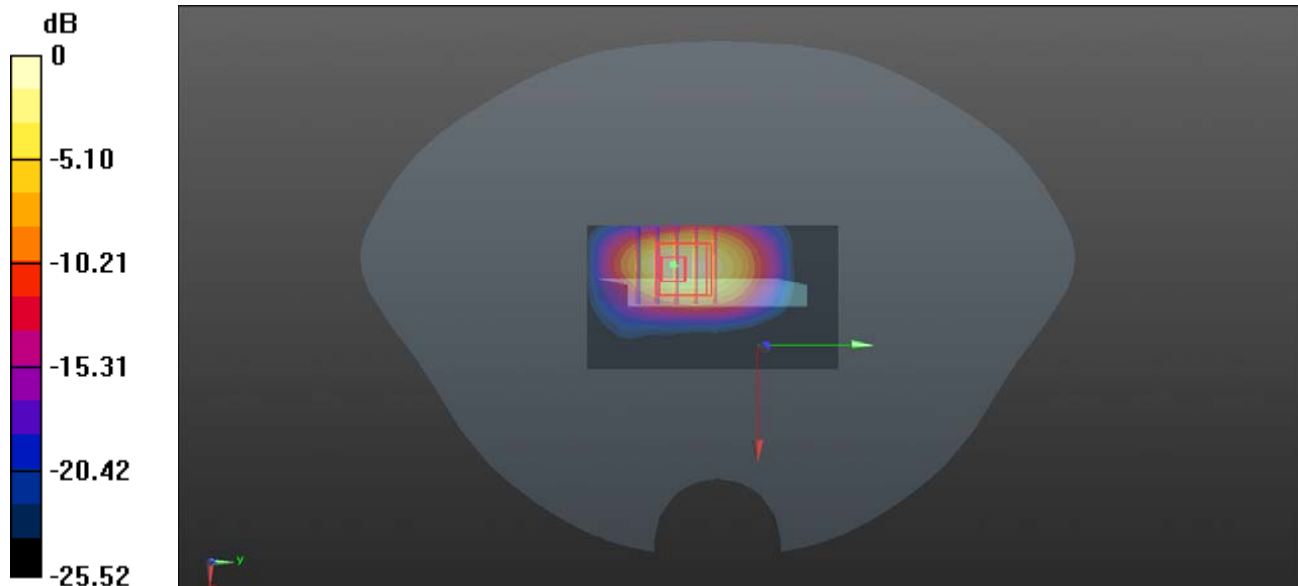
Ch 20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.82 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 9.87 W/kg

SAR(1 g) = 3.66 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 4.41 W/kg



0 dB = 4.41 W/kg

MEAS.20 Right Head with Cheek on High Channel in LTE Band 5 mode with Antenna 0 1RB

Date: 2020.03.22

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 41.066$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 20600/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.612 W/kg

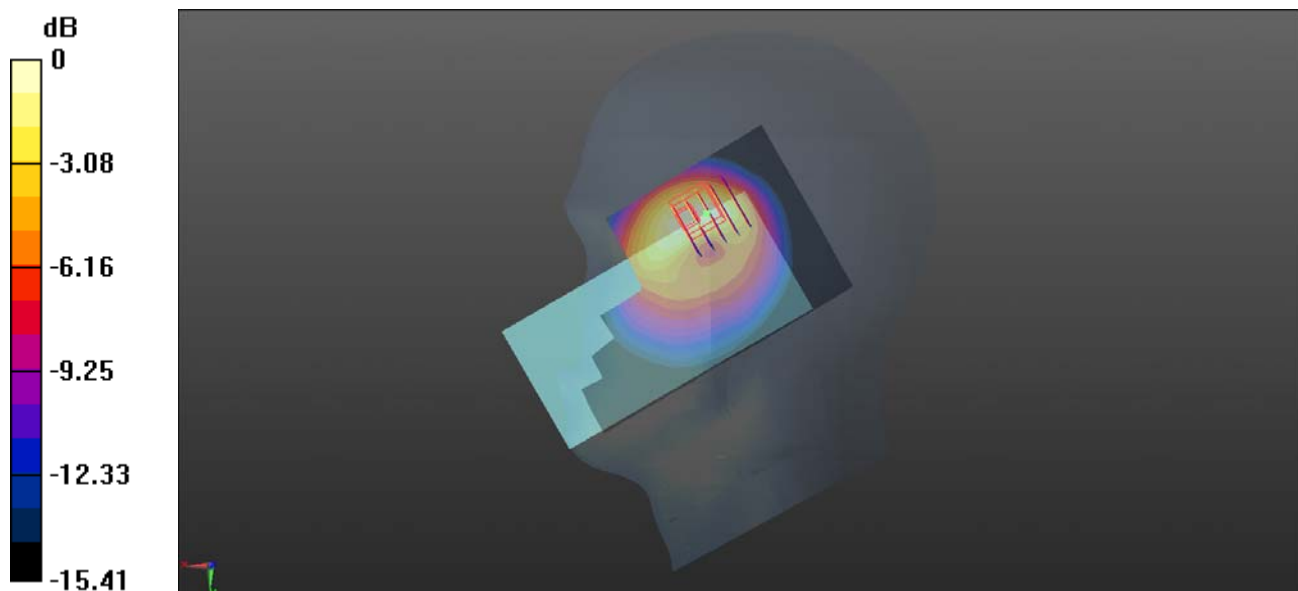
Ch 20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.716 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg

MEAS.21 Body Plane with Right Edge 0mm on Middle Channel in LTE Band 5 mode with Antenna 0 50RB

Date: 2020.03.22

Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.147$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.6 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 20525/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.695 W/kg

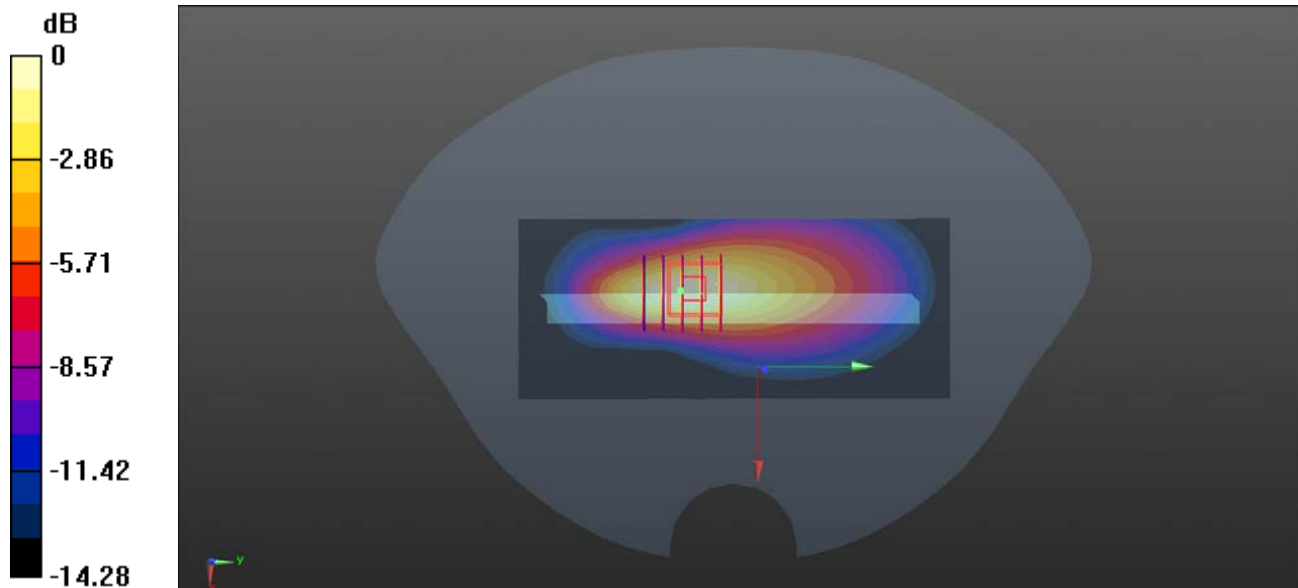
Ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.11 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg

MEAS.20 Right Head with Tilt on Middle Channel in LTE Band 7 mode with Antenna 2 50RB

Date: 2020.04.10

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 40.042$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.9 Liquid Temperature: 21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100 0408/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.697 W/kg

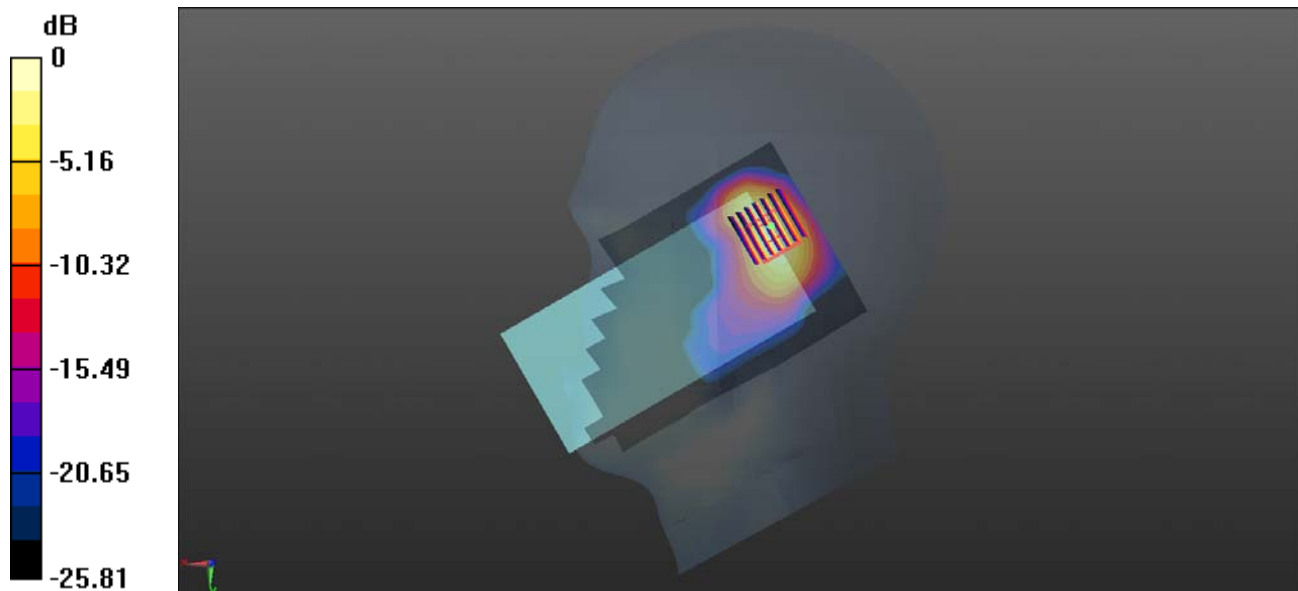
Ch21100 0408/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.245 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.795 W/kg

MEAS.23 Body Plane with Back Side 10mm on Middle Channel in LTE Band 7 mode with Antenna 0 1RB

Date: 2020.04.10

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 40.042$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.741 W/kg

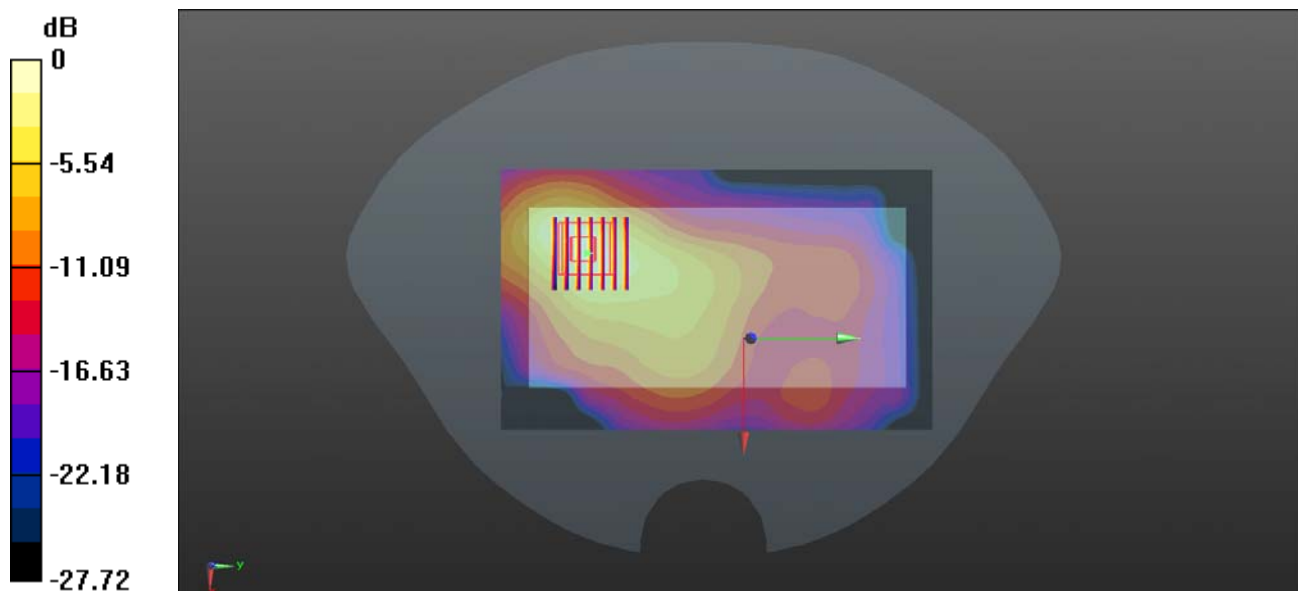
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.931 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.747 W/kg

MEAS.24 Body Plane with Top Edge 0mm on High Channel in LTE Band 7 mode with Antenna 2 50RB

Date: 2020.04.10

Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 39.548$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21100/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.25 W/kg

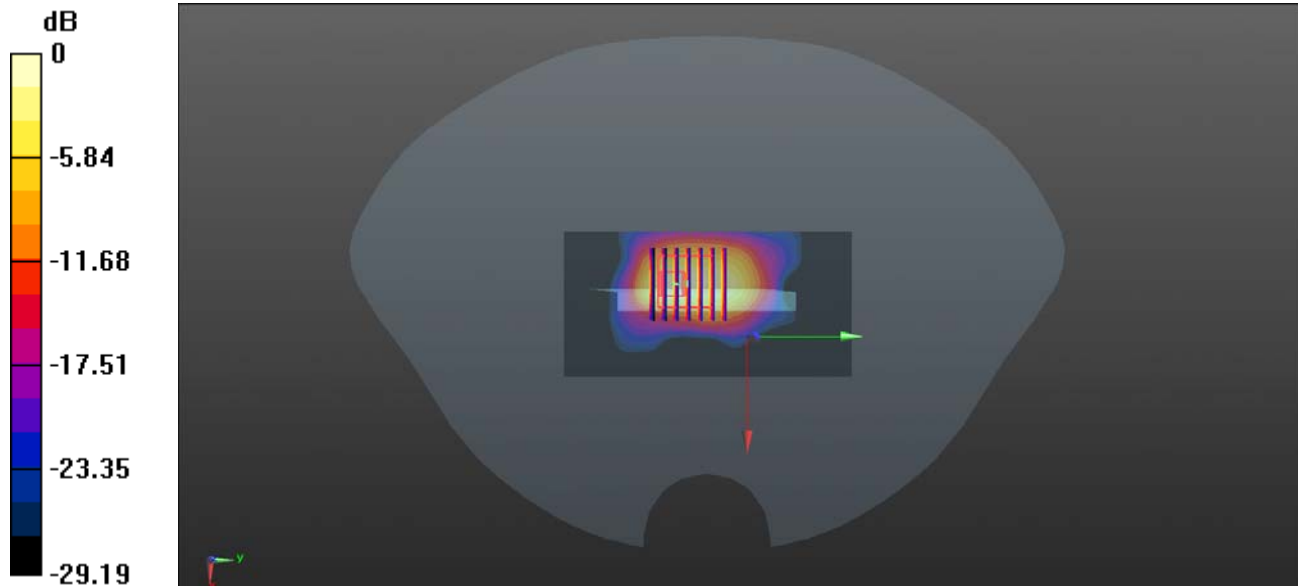
Configuration/Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.56 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 0.904 W/kg

Maximum value of SAR (measured) = 3.31 W/kg



0 dB = 3.31 W/kg

MEAS.25 Right Head with Cheek on High Channel in LTE Band 12 mode with Antenna 0 25RB

Date: 2020.04.21

Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 42.513$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 23130/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

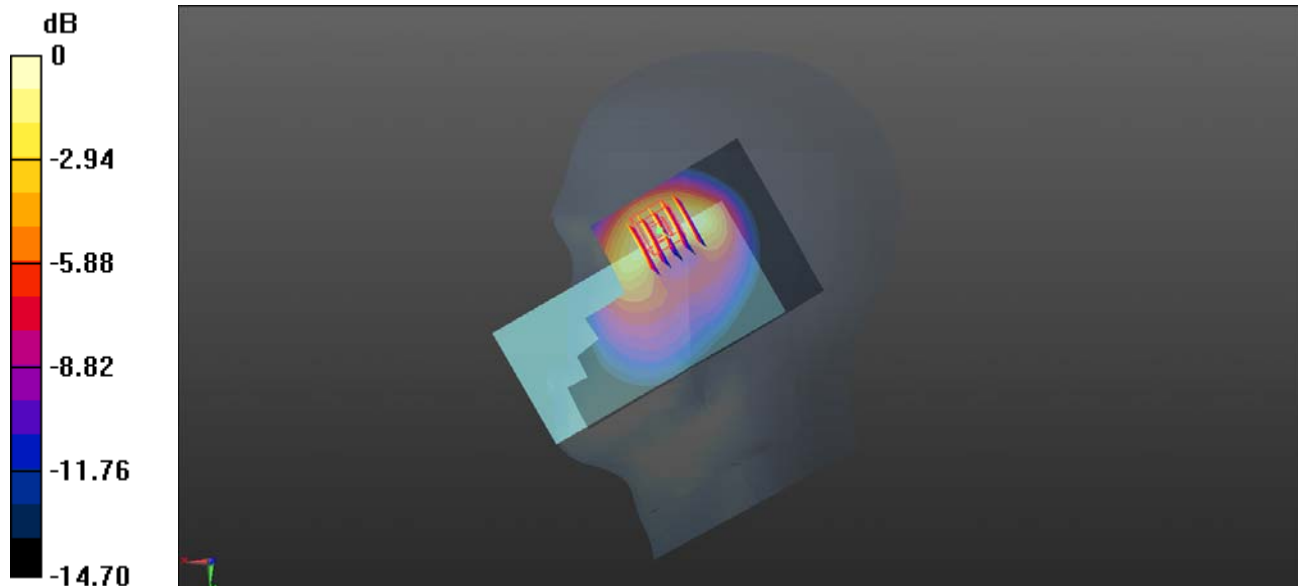
Ch 23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.064 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg

MEAS.26 Body Plane with Bottom Edge 10mm on High Channel in LTE Band 12 mode with Antenna 1 1RB

Date: 2020.04.21

Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 42.513$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 23130/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.473 W/kg

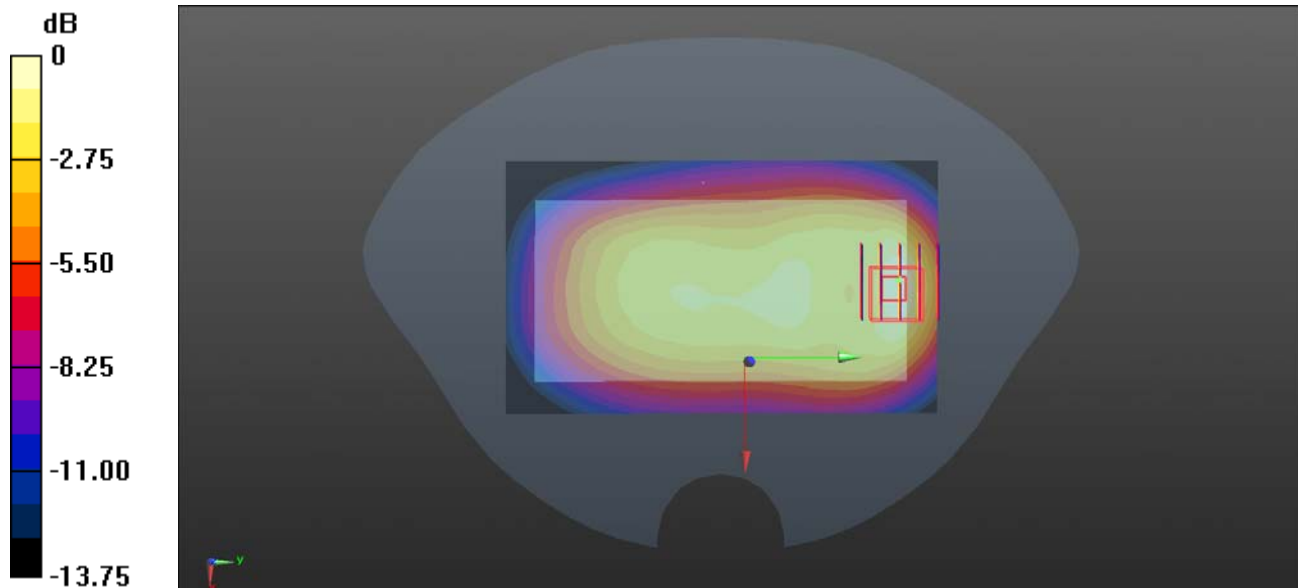
Ch 23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.20 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.491 W/kg



0 dB = 0.491 W/kg

MEAS.27 Right Head with Cheek on Middle Channel in LTE Band 17 mode with Antenna 0 1RB

Date: 2020.03.30

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 42.606$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.6 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 23790/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.613 W/kg

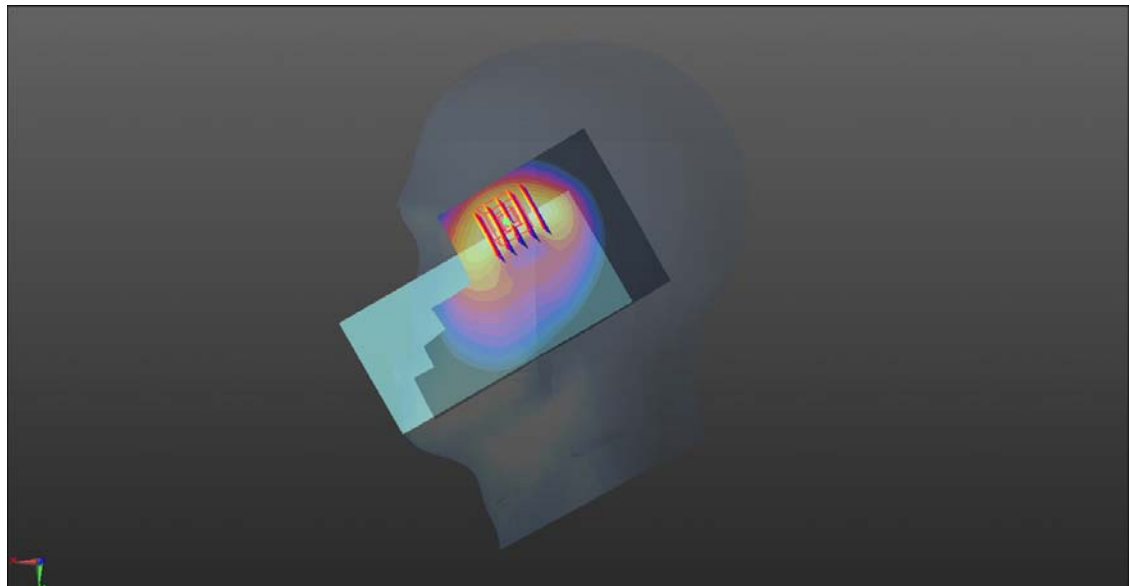
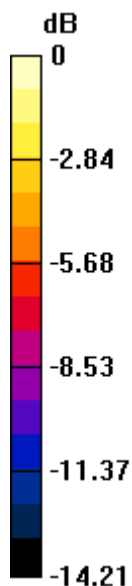
Ch 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.199 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg

MEAS.28 Body Plane with Back Side 10mm on Middle Channel in LTE Band 17 mode with Antenna 1 1RB

Date: 2020.03.30

Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 42.606$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.35, 10.35, 10.35); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 23790/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.497 W/kg

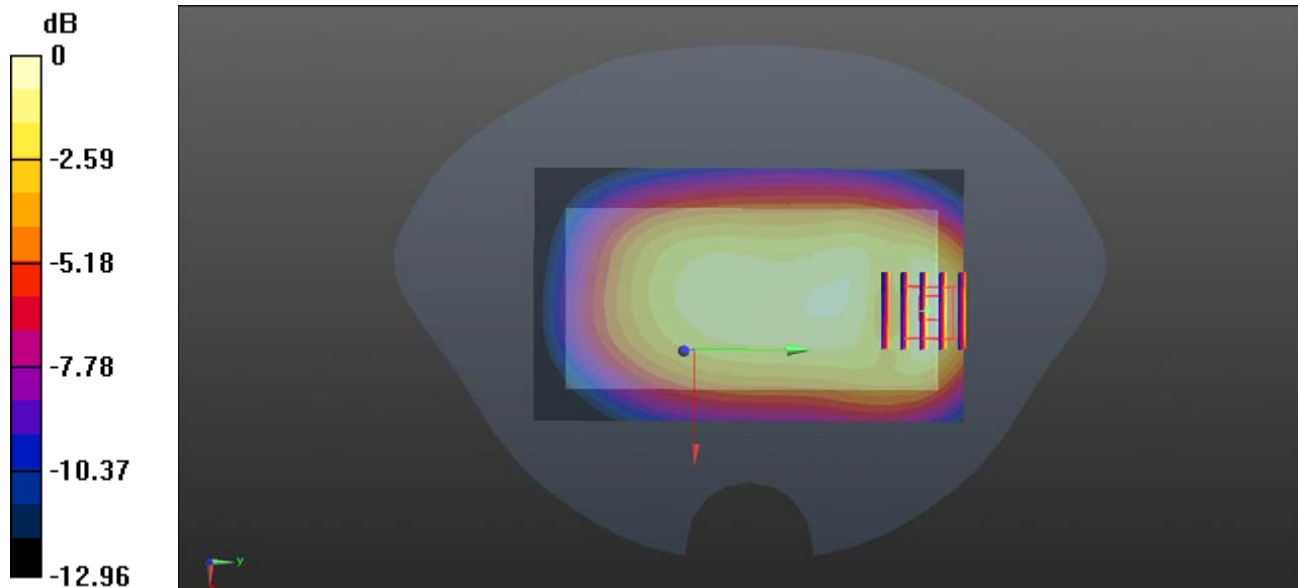
Configuration/Ch 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg

MEAS.29 Right Head with Cheek on High Channel in LTE Band 26 mode with Antenna 0 1RB

Date: 2020.03.24

Communication System Band: LTE B26; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.405$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.5 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 26965/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

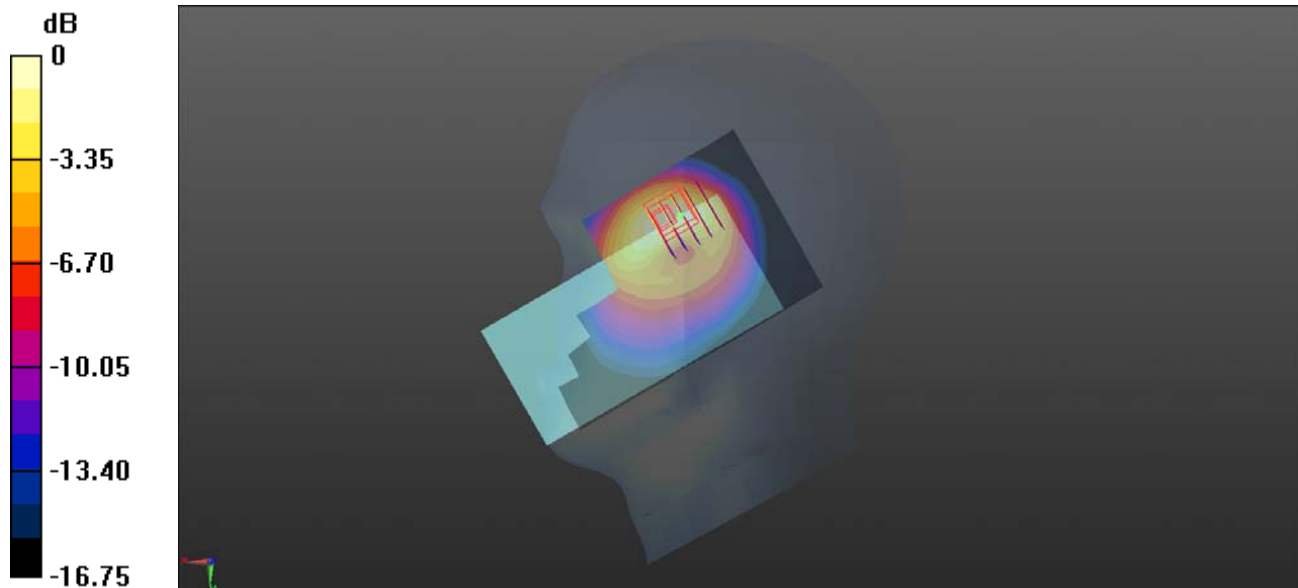
Ch 26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.864 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg

MEAS.30 Body Plane with Back Side 10mm on Middle Channel in LTE Band 26 mode with Antenna 1 1RB

Date: 2020.03.24

Communication System Band: LTE B26; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 40.405$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.5 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(10.02, 10.02, 10.02); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 26965/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.150 W/kg

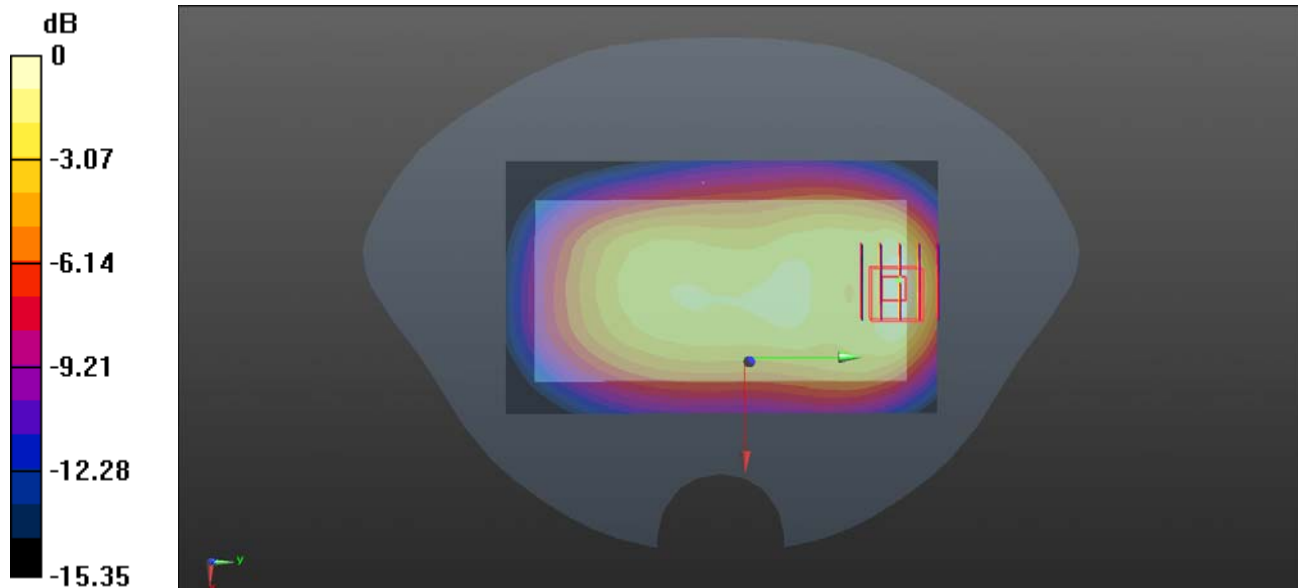
Ch 26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.056 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.148 W/kg ; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg

MEAS.31 Right Head with Cheek on Low Channel in LTE Band 38 mode with Antenna 0 1RB

Date: 2020.04.13

Communication System Band: Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2580 MHz;Duty Cycle: 1:1.58

Medium parameters used (extrapolated): $f = 2580$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 40.027$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

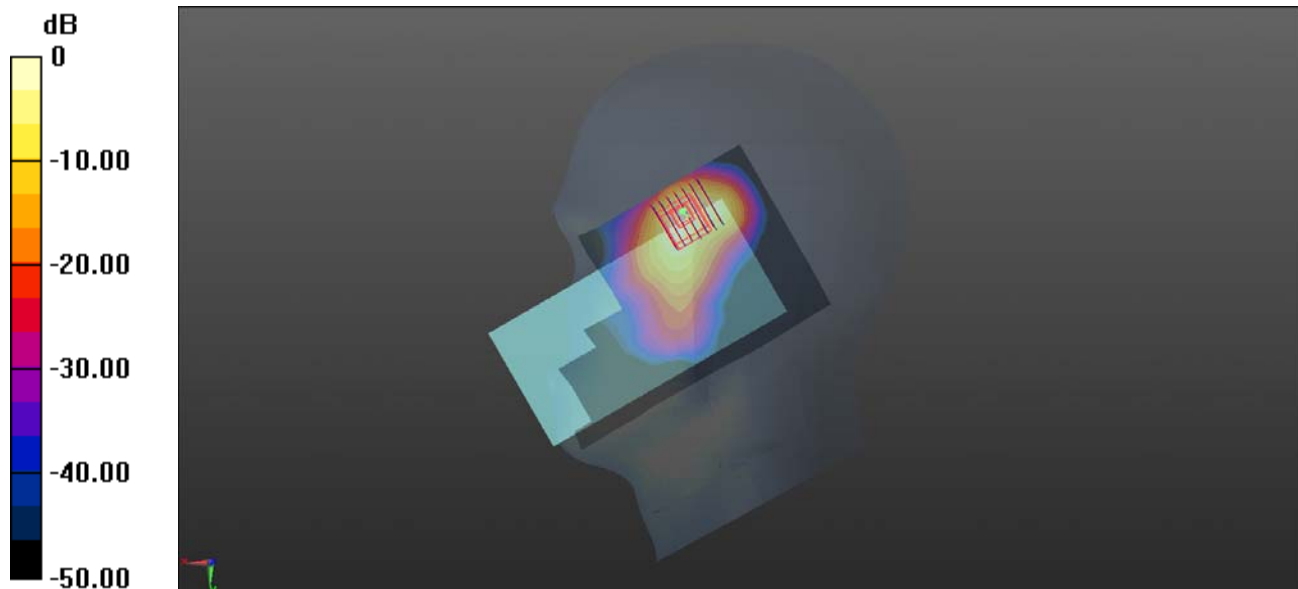
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.267 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.385 W/kg

Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.748 W/kg

MEAS.32 Body Plane with Top Edge 10mm on Middle Channel in LTE Band 38 mode with Antenna 2 50RB

Date: 2020.04.13

Communication System Band: Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2595 MHz;Duty Cycle: 1:1.58

Medium parameters used (extrapolated): $f = 2595$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 39.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.996 W/kg

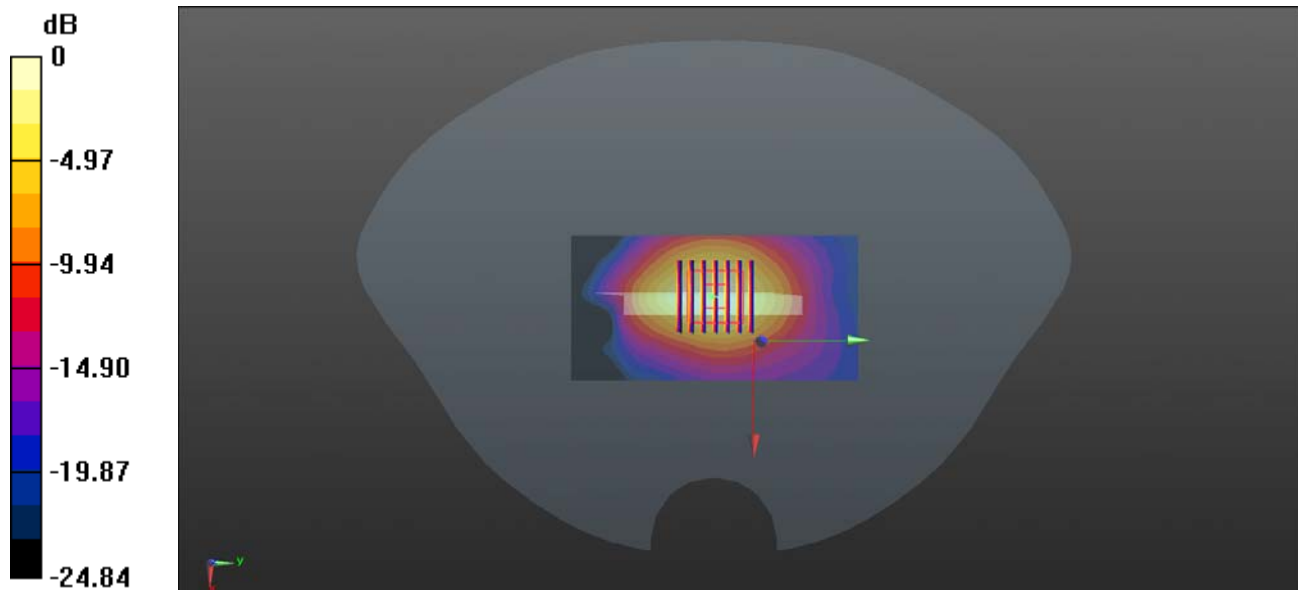
Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.78 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.994 W/kg



0 dB = 0.994 W/kg

MEAS.32 Body Plane with Top Edge 0mm on Middle Channel in LTE Band 38 mode with Antenna 2 50RB

Date: 2020.04.13

Communication System Band: Band 38, E-UTRA/TDD (2570.0 - 2620.0 MHz); Frequency: 2595 MHz;Duty Cycle: 1:1.58

Medium parameters used (extrapolated): $f = 2595$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 39.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.23 W/kg

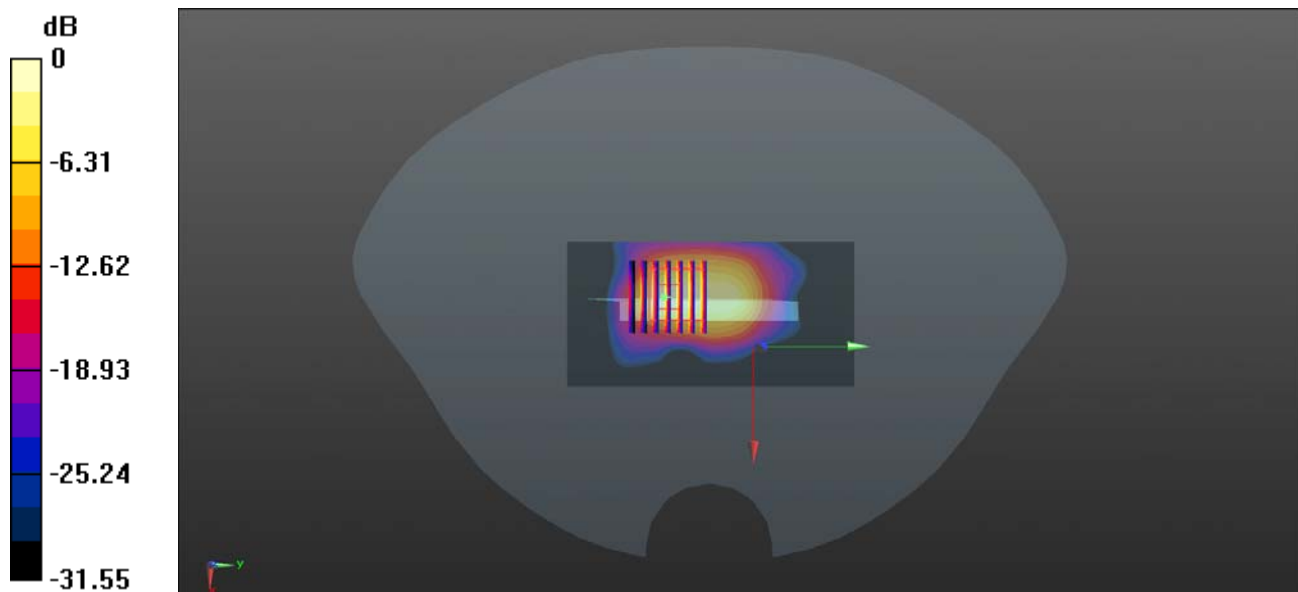
Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.27 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 3.67 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 4.29 W/kg



0 dB = 4.29 W/kg

MEAS.34 Right Head with Cheek on Middle Channel in LTE Band 41 mode with Antenna 0 1RB Class3

Date: 2020.04.16

Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2600 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 39.248$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.0 Liquid Temperature: 21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40690/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.720 W/kg

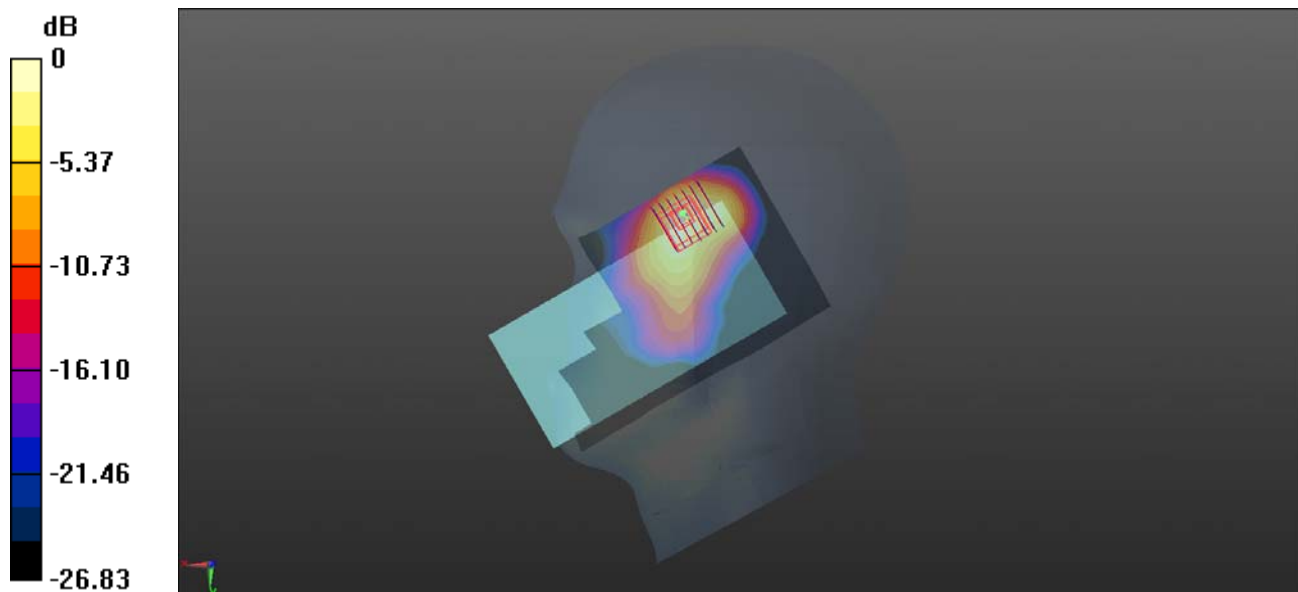
Ch40690/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.274 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.761 W/kg

MEAS.35 Body Plane with Top Edge 10mm on High Channel in LTE Band 41 mode with Antenna 2 1RB Class2

Date: 2020.04.16

Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2645 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 2645$ MHz; $\sigma = 2.038$ S/m; $\epsilon_r = 38.535$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.0 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41140/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.745 W/kg

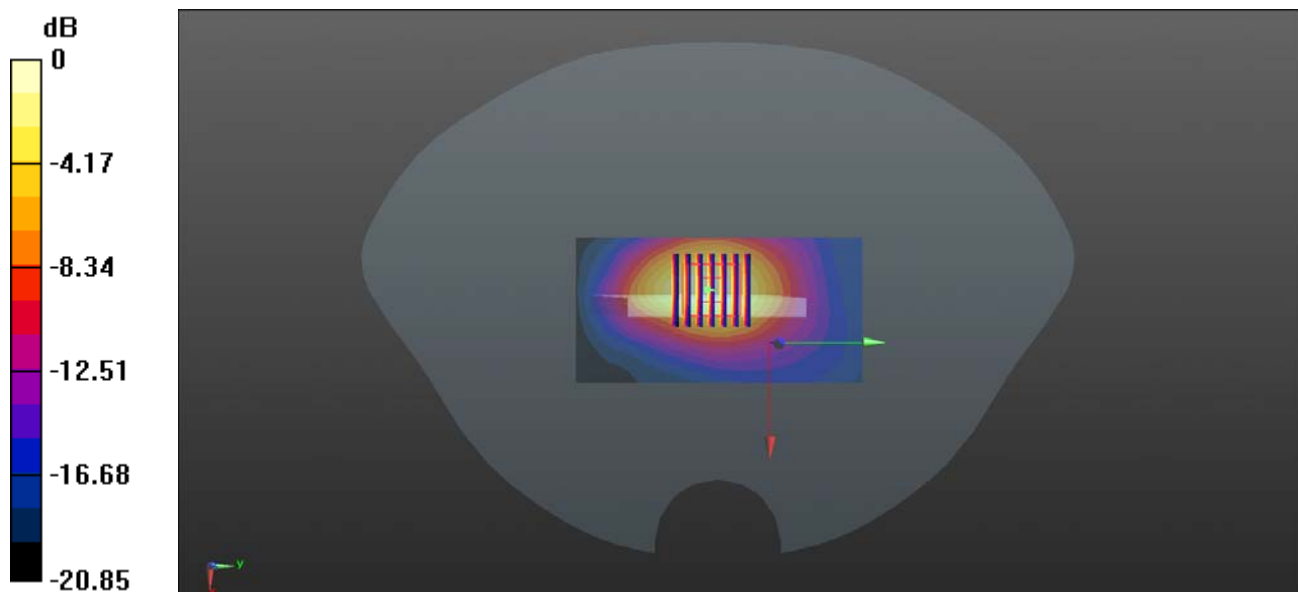
Ch41140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.80 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg

MEAS.36 Body Plane with Top Edge 0mm on High Channel in LTE Band 41 mode with Antenna 2 1RB Class2

Date: 2020.04.16

Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2645 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 2645$ MHz; $\sigma = 2.038$ S/m; $\epsilon_r = 38.535$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.0 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.61, 7.61, 7.61); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41140 2/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.16 W/kg

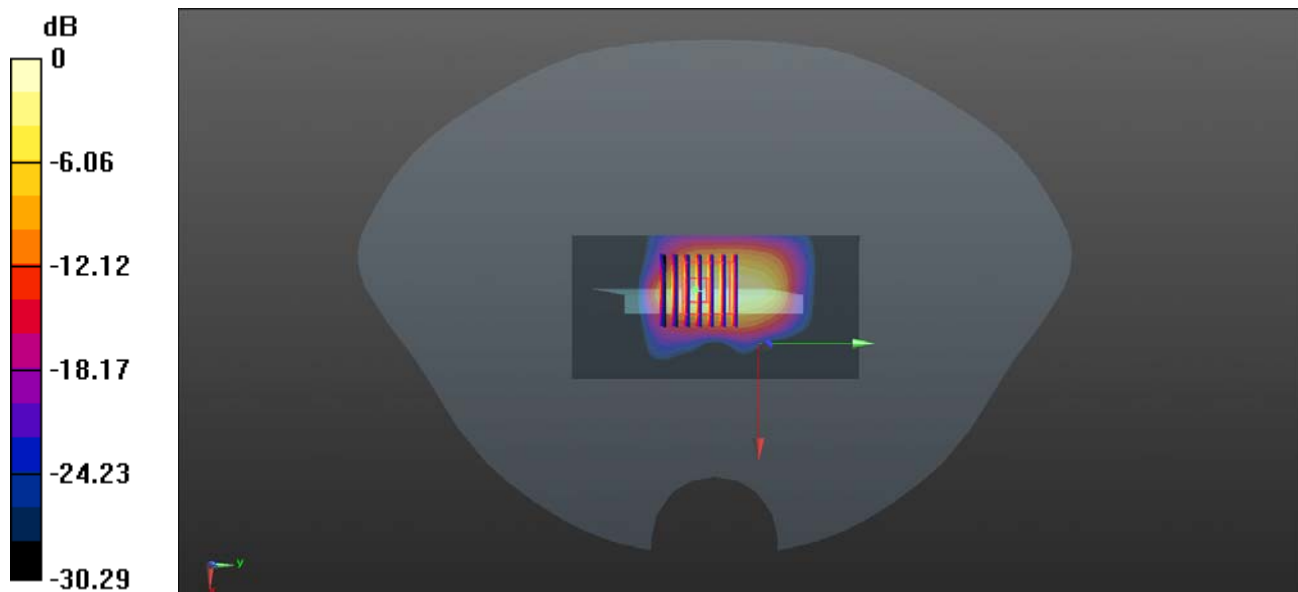
Ch41140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.98 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 9.95 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 0.752 W/kg

Maximum value of SAR (measured) = 2.91 W/kg



0 dB = 2.91 W/kg

MEAS.37 Left Head with Cheek on High Channel in IEEE802.11b mode with Chain 0

Date: 2020.04.08

Communication System Band: WLAN(b); Frequency: 2462 MHz; Duty Cycle: 1:1.009

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.784$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 21.9 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.814 W/kg

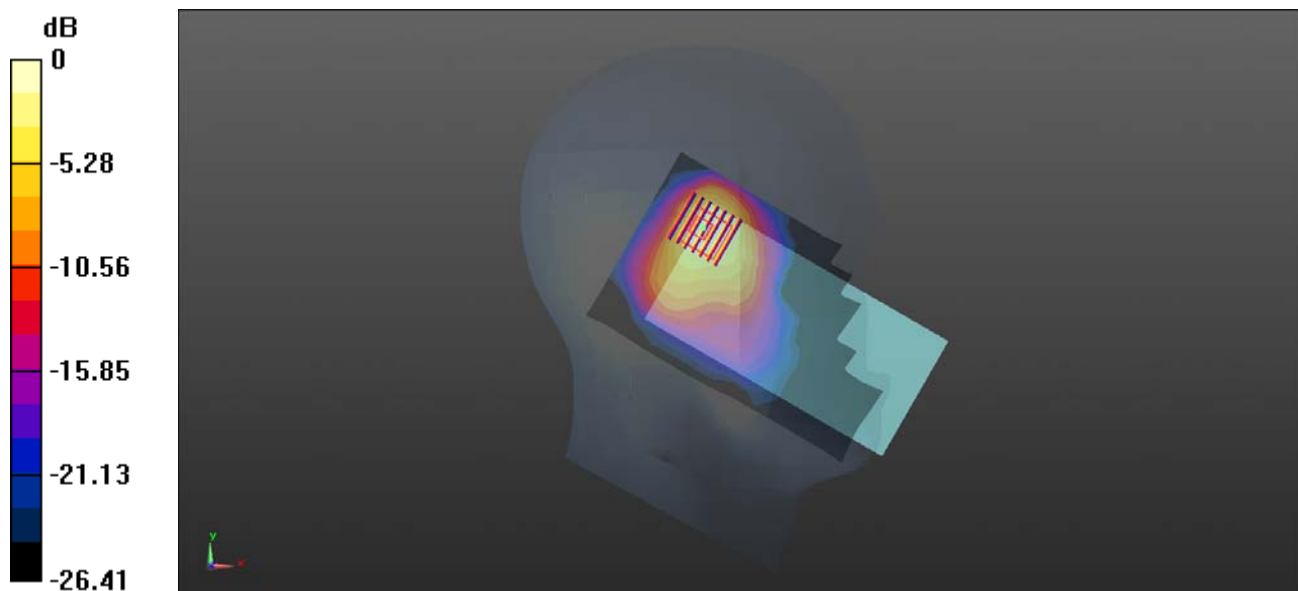
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.41 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 0.757 W/kg



0 dB = 0.757 W/kg

MEAS.38 Body Plane with Top Edge 10mm on High Channel in IEEE802.11b mode with Chain0

Date: 2020.04.08

Communication System Band: WLAN(b); Frequency: 2462 MHz;Duty Cycle: 1:1.009

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.784$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:21.9 Liquid Temperature:21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.277 W/kg

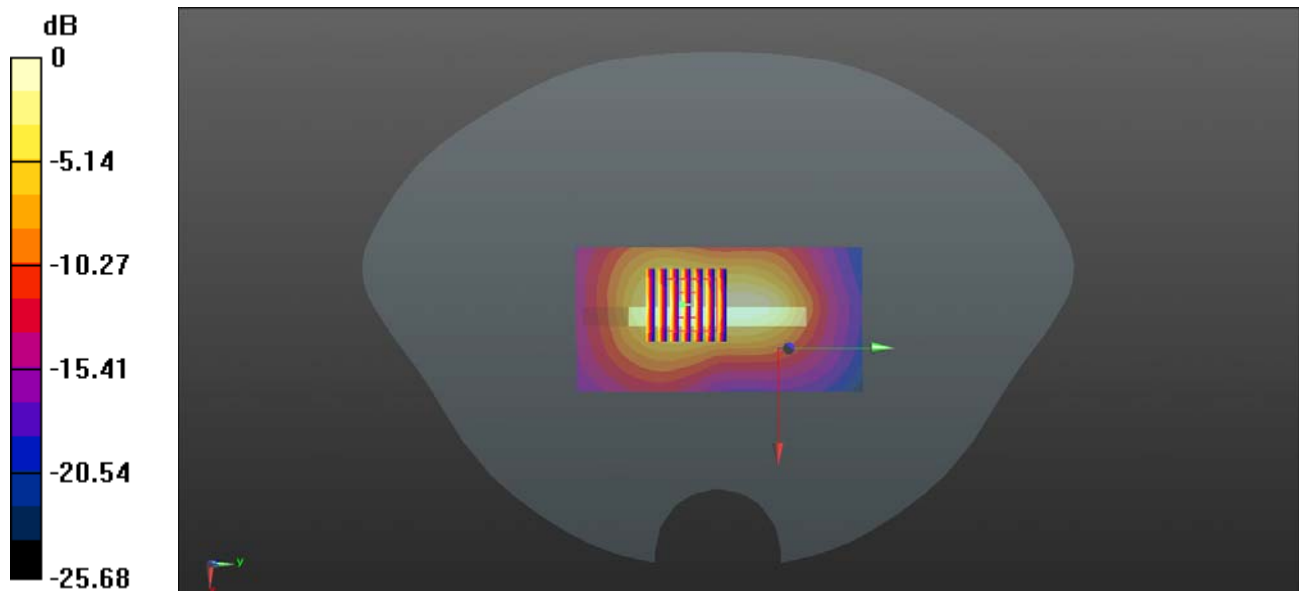
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.358 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg

MEAS.39 Left Head with Cheek on Channel 64 in IEEE802.11a mode with Chain 0+1

Date: 2020.04.03

Communication System Band: WLAN(a); Frequency: 5320 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.898$ S/m; $\epsilon_r = 35.054$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.4 Liquid Temperature: 20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.51, 5.51, 5.51); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

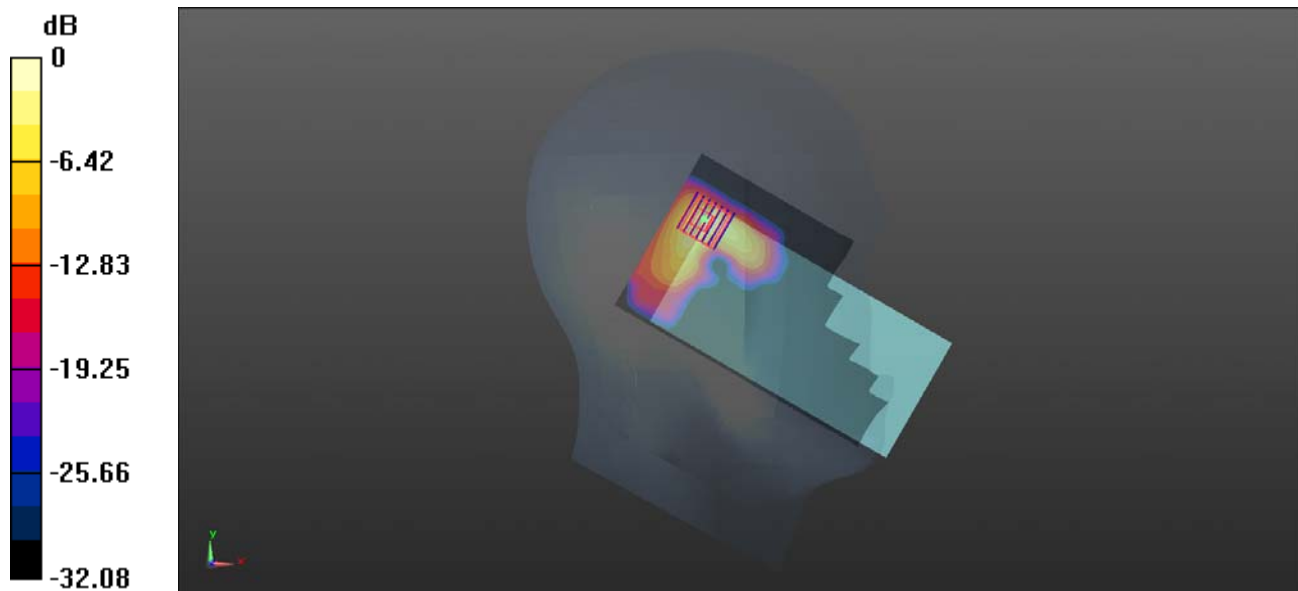
Ch64/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.690 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg

MEAS.40 Left Head with Cheek on Channel 100 in IEEE802.11a mode with Chain 0+1

Date: 2020.04.05

Communication System Band: WLAN(a); Frequency: 5500 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.914$ S/m; $\epsilon_r = 36.649$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 21.9 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(4.8, 4.8, 4.8); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

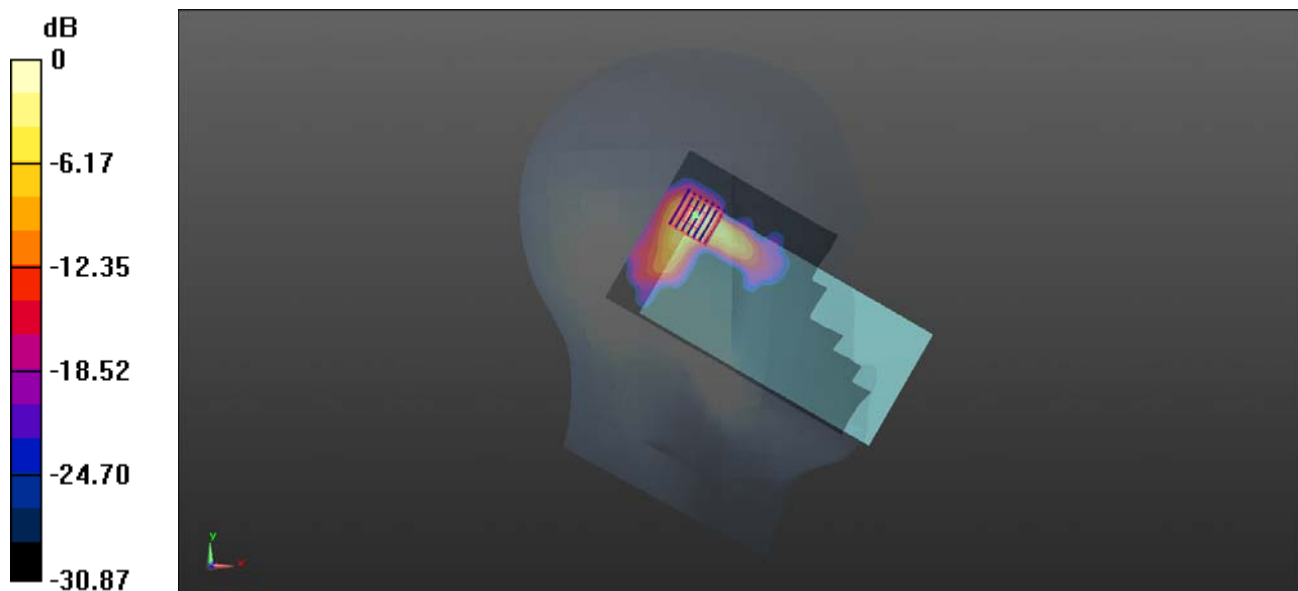
Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.802 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg

MEAS.41 Left Head with Cheek on Channel 155 in IEEE802.11ac(VHT80) mode with Chain 0+1

Date: 2020.04.07

Communication System Band: WLAN(ac) 80Mhz; Frequency: 5775 MHz;Duty Cycle: 1:1.085

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 35.754$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.9 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.06, 5.06, 5.06); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

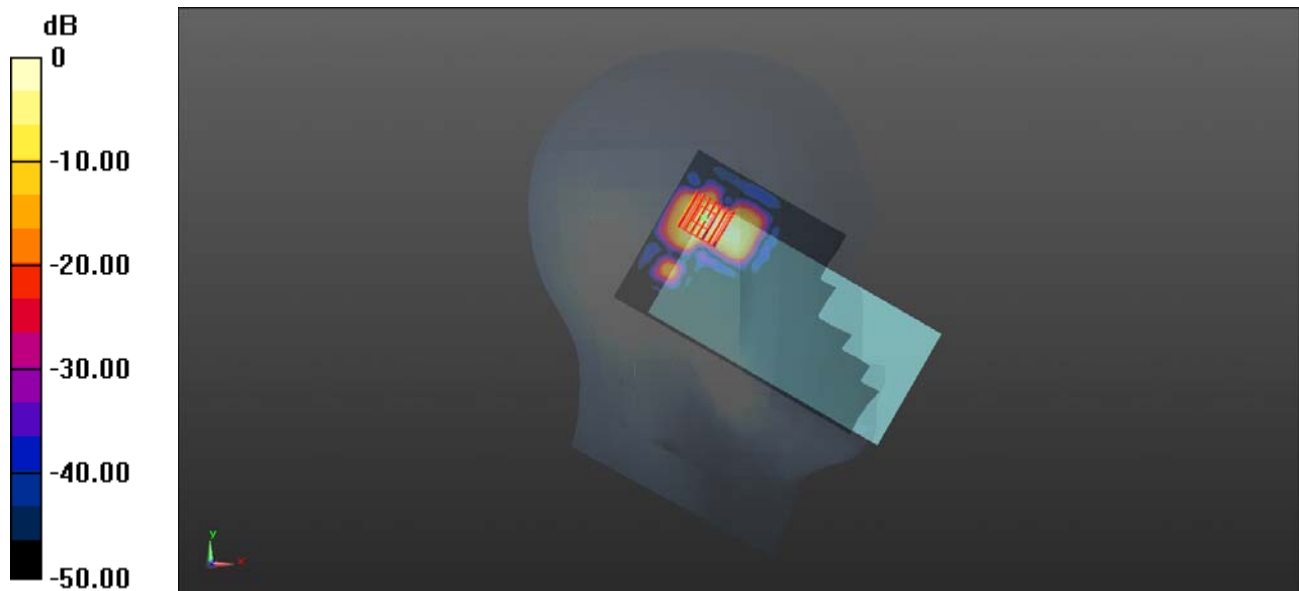
Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.9170 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 0.980 W/kg

MEAS.42 Body Plane with Back Side 10mm on Channel 52 in IEEE802.11a mode with Chain0+1

Date: 2020.04.03

Communication System Band: WLAN(a); Frequency: 5260 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.792$ S/m; $\epsilon_r = 36.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.51, 5.51, 5.51); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.930 W/kg

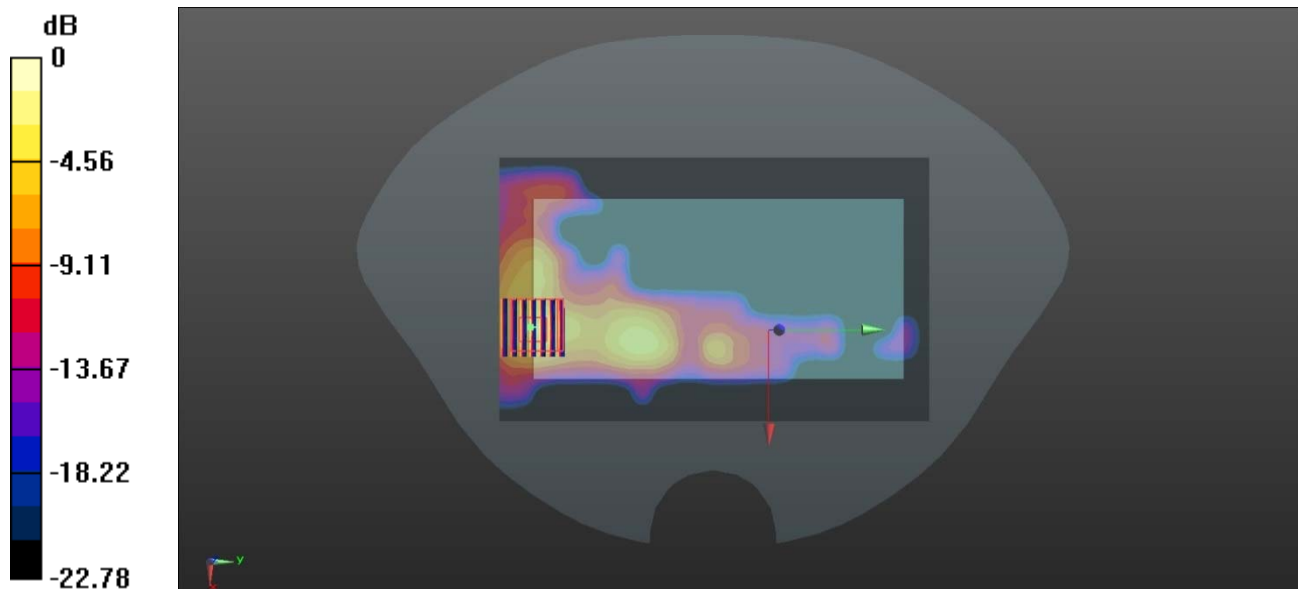
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.946 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.951 W/kg

MEAS.43 Body Plane with Back Side 10mm on Channel 100 in IEEE802.11a mode with Chain0+1

Date: 2020.04.05

Communication System Band: WLAN(a); Frequency: 5500 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.914$ S/m; $\epsilon_r = 36.649$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 21.9 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(4.8, 4.8, 4.8); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

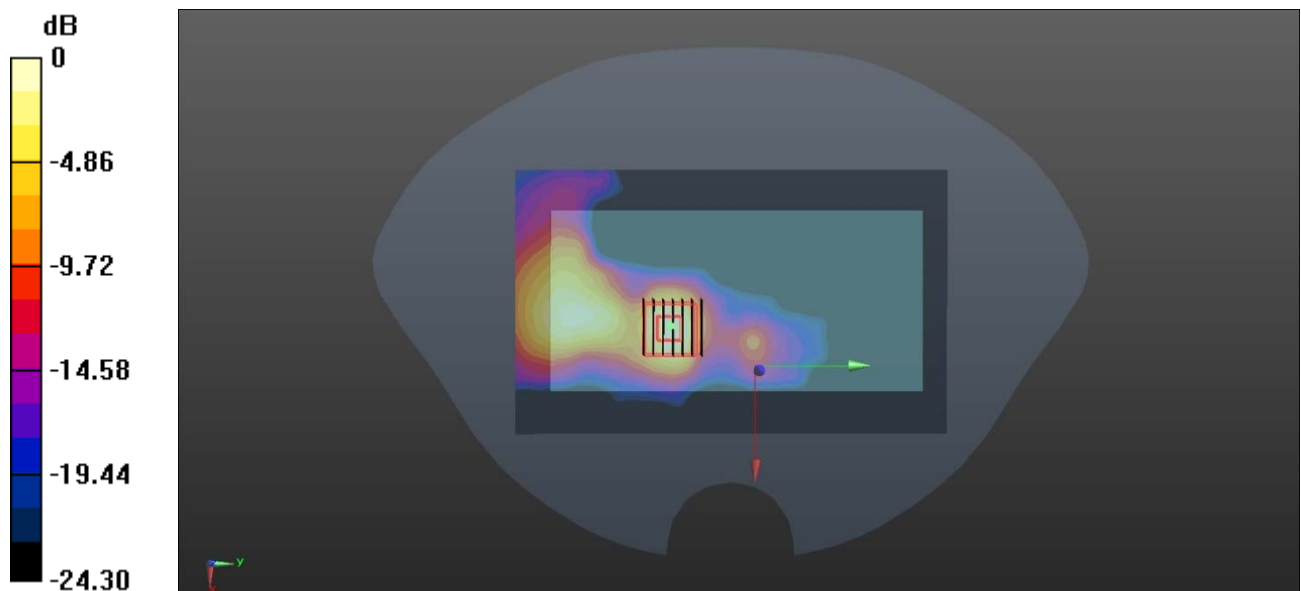
Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.230 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.588 W/kg

MEAS.44 Body Plane with Back Side 10mm on Channel 155 in IEEE802.11ac(VHT80) mode with Chain0+1

Date: 2020.04.07

Communication System Band: WLAN(ac) 80Mhz; Frequency: 5775 MHz;Duty Cycle: 1:1.085

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 35.754$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.06, 5.06, 5.06); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.213 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.257 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg

MEAS.45 Body Plane with Top Edge 10mm on Channel 48 in IEEE802.11a mode with Chain0+1

Date: 2020.04.03

Communication System Band: WLAN(a); Frequency: 5240 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.635$ S/m; $\epsilon_r = 36.565$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.4 Liquid Temperature: 20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.51, 5.51, 5.51); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.913 W/kg

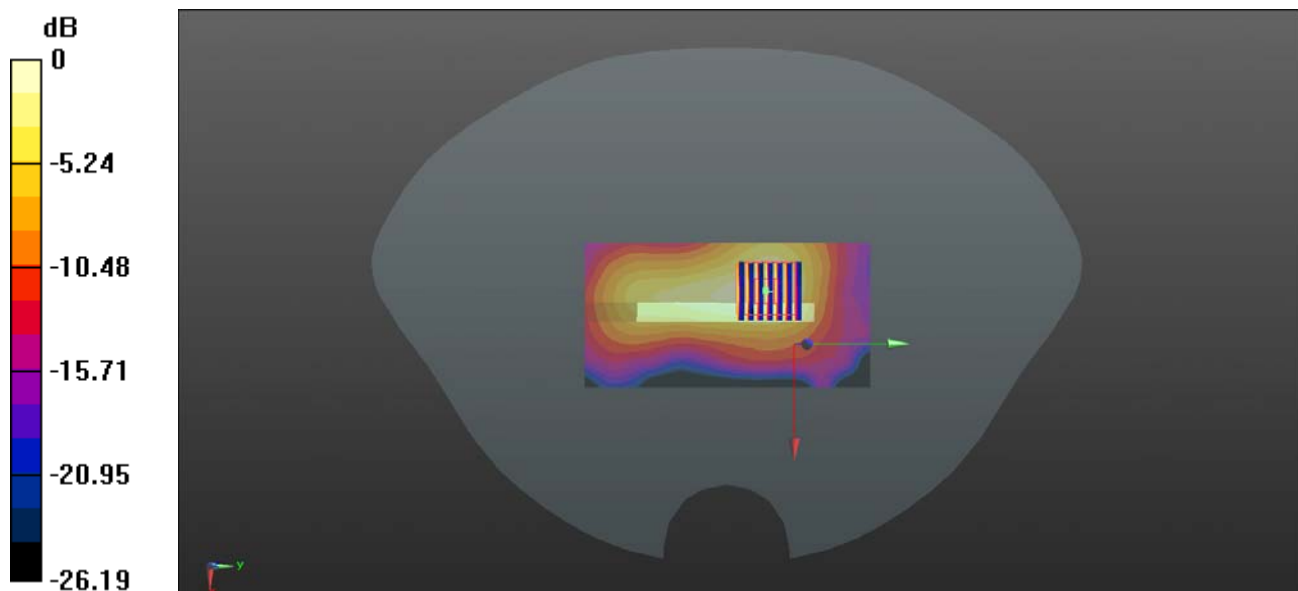
Ch48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.657 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.913 W/kg

MEAS.46 Body Plane with Back Side 10mm on Channel 155 in IEEE802.11ac(VHT80) mode with Chain0+1

Date: 2020.04.07

Communication System Band: WLAN(ac) 80Mhz; Frequency: 5775 MHz;Duty Cycle: 1:1.085

Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 35.754$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.06, 5.06, 5.06); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.213 W/kg

Ch155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.257 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg

MEAS.47 Body Plane with Top Edge 0mm on Channel 52 in IEEE802.11a mode with Chain0+1

Date: 2020.04.03

Communication System Band: WLAN(a); Frequency: 5260 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.792$ S/m; $\epsilon_r = 36.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.4 Liquid Temperature:20.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(5.51, 5.51, 5.51); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 13.4 W/kg

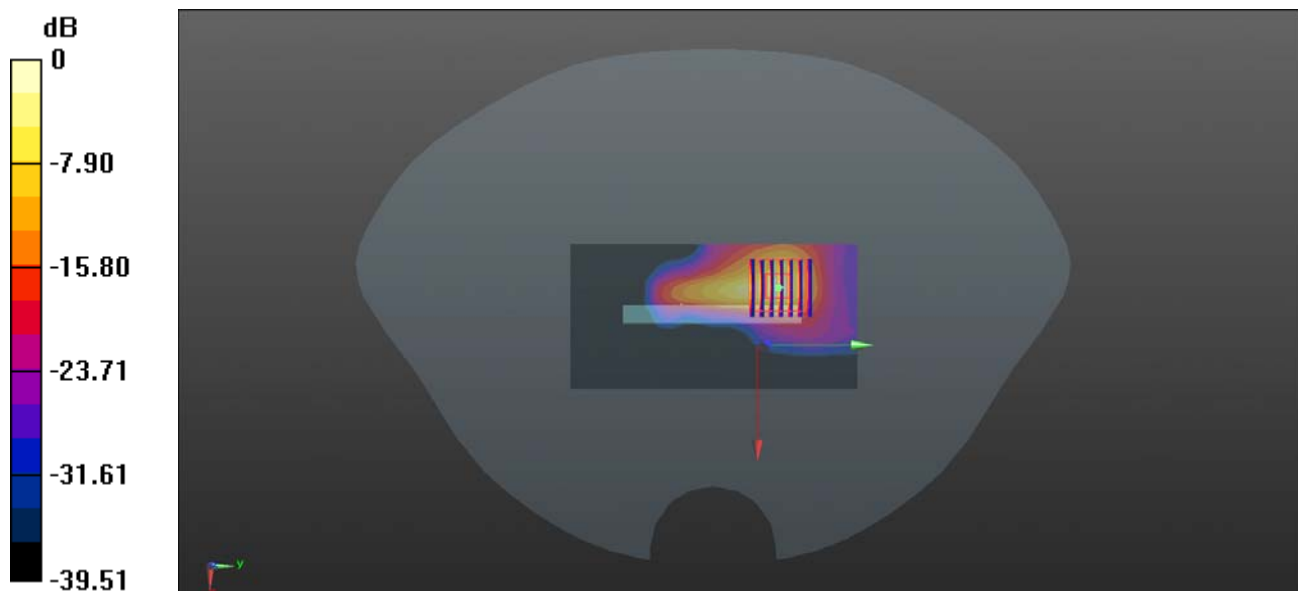
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.990 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 37.0 W/kg

SAR(1 g) = 5.82 W/kg; SAR(10 g) = 1.32 W/kg

Maximum value of SAR (measured) = 14.9 W/kg



0 dB = 14.9 W/kg

MEAS.48 Body Plane with Top Edge 0mm on Channel 100 in IEEE802.11a mode with Chain0+1

Date: 2020.04.05

Communication System Band: WLAN(a); Frequency: 5500 MHz; Duty Cycle: 1:1.017

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.914$ S/m; $\epsilon_r = 36.649$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 21.9 Liquid Temperature: 21.1

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(4.8, 4.8, 4.8); Calibrated: 2019.08.02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1859; Type: QD000P40CD; Serial: TP:1859
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.1 W/kg

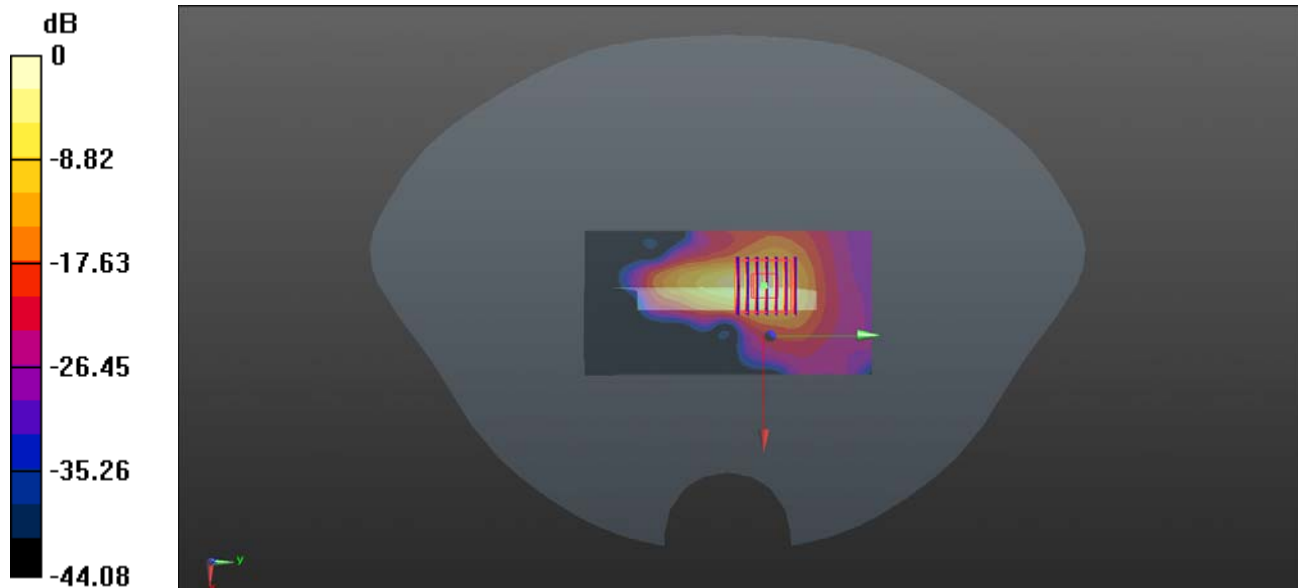
Ch100/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 24.97 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg

MEAS.49 Left Head with Cheek on Middle in Bluetooth 3DH5 mode

Date: 2020.04.09

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.299

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 38.828$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.8 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch 39/Area Scan (81x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.370 W/kg

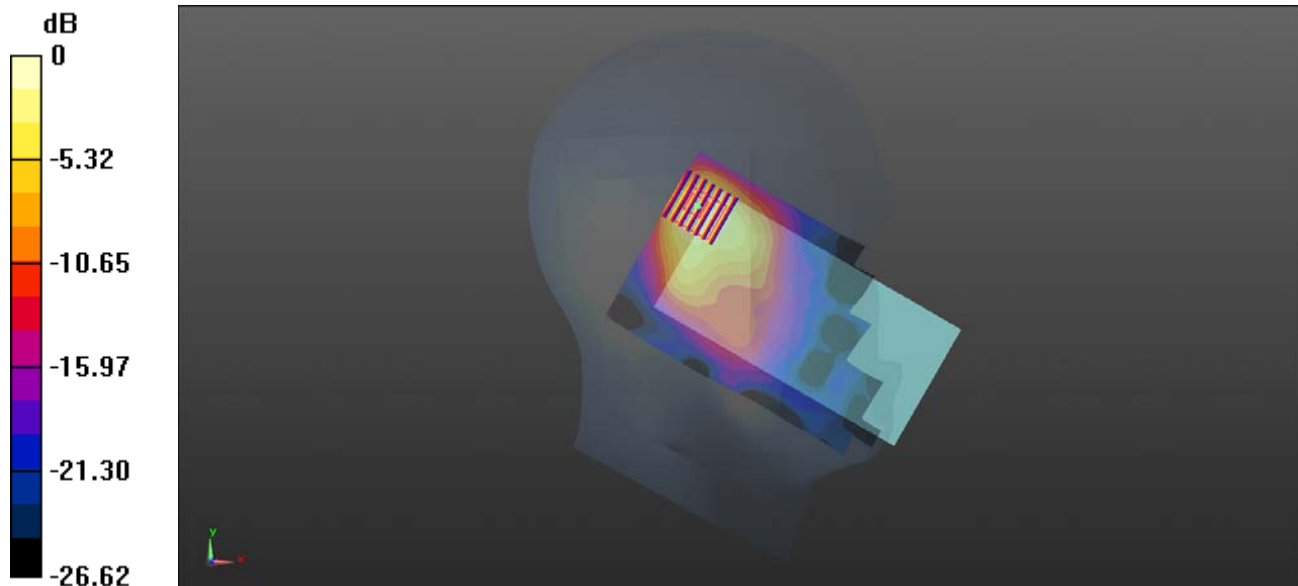
Ch 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.43 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg

MEAS.50 Body Plane with Back Side 10mm on Middle Channel in Bluetooth 3DH5 mode

Date: 2020.04.09

Communication System Band: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.299

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 38.828$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8 Liquid Temperature: 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7510; ConvF(7.81, 7.81, 7.81); Calibrated: 2019.08.02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1454; Calibrated: 2019.08.02
- Phantom: SAM (30deg probe tilt) with CRP v5.0 Right 1857; Type: QD000P40CD; Serial: TP1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CH39/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.129 W/kg

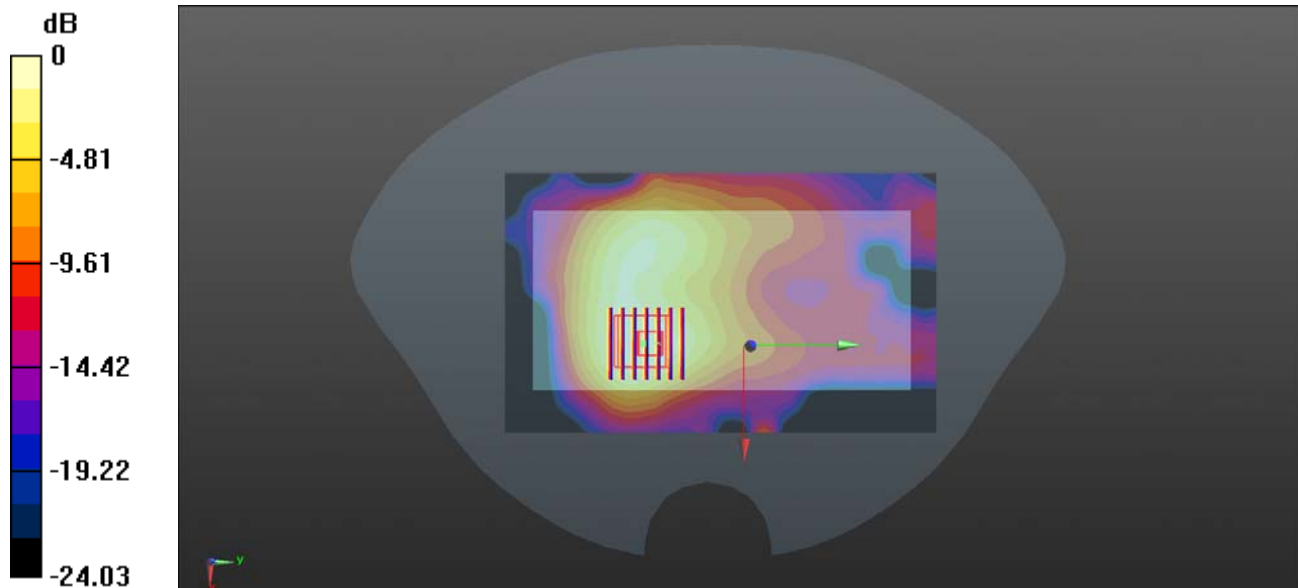
CH39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.530 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2030337-AW.pdf".

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document "BL-SZ2030337-AS.pdf".

ANNEX F CALIBRATION REPORT

Please refer the document "CALIBRATION REPORT.pdf".

--END OF REPORT--