TEST REPORT

No. 25T04N001821-011-SAR

For

Shanghai Sunmi Technology Co.,Ltd.

Smart POS Terminal

Model Name: T6721

With

Hardware Version: Bgf6e

Software Version:

SP6611A_769_CS_patchbuild_20250326091858640

FCC ID: 2AH25P3MIX

Issued Date: 2025-09-16

Designation Number: CN1210

Note:

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

Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
25T04N001821-011-SAR	Rev.0	1st edition	2025-09-16

CONTENTS

1. Summary of Test Report

1.1. Test Items

Description:	Smart POS Terminal
Model Name:	T6721
Applicant's Name:	Shanghai Sunmi Technology Co.,Ltd.
Manufacturer's Name:	Shanghai Sunmi Technology Co.,Ltd.

1.2. Test Standards

ANSI C95.1:1992, IEEE Std 1528:2013

1.3. Test Result

Pass. Please refer to "13. Summary of Test Results" and "ANNEX L: Spot Check Test"

1.4. Testing Location

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

1.5. Project Data

Testing Start Date: 2025-08-29 Testing End Date: 2025-09-09

1.6. Signature

Li Yongfu	**Liu Jian**
(Prepared this test report)	**(Reviewed this test report)**

Cao Junfei

(Approved this test report)

2. Statement of Compliance

This EUT is a variant product and the report of original sample is No. I23N00836-SAR. According to "Product Change Description" provided by applicant, we quote the test results of original sample and spot check the worst case in annex L.

The maximum results of Specific Absorption Rate (SAR) found during testing for Shanghai Sunmi Technology Co.,Ltd. Smart POS Terminal T6721 are as follows:

Table 2.1: Highest Reported SAR (1g)

Equipment Class	Frequency Bands	Body (Separation Distance 0 mm)
PCB	GSM 850	1.02
	WCDMA Band 2	1.23
	WCDMA Band 4	1.22
	WCDMA Band 5	1.09
	LTE Band 7	**1.38**
	LTE Band 12/17	1.16
	LTE Band 13	0.83
	LTE Band 14	1.07
	LTE Band 25/2	1.17
	LTE Band 26/5	1.26
	LTE Band 30	1.11
	LTE Band 66/4	1.30
	LTE Band 71	1.29
	LTE Band 41/38	1.16
DSS	Bluetooth	<0.01
DTS	WLAN 2.4GHz	0.07
NII	WLAN 5GHz	0.26

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

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

The highest reported SAR value is obtained at the case of **(Table 2.1)**, body value is **1.38 W/kg (1g)**.

Table 2.2: Maximum Simultaneous Transmission SAR

/	Position	Sum (W/kg)
Highest SAR value for Body	Rear Side (LTE Band 7 + WLAN 5GHz, LTE Band 7 + WLAN 5GHz + Bluetooth)	**1.56**

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

According to the above tables, the highest sum of reported SAR values is 1.56 W/kg (1g).

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

3. Client Information

3.1. Applicant Information

Company Name:	Shanghai Sunmi Technology Co.,Ltd.
Address:	Room 505,No.388,Song Hu Road, Yang Pu District, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	+86 18501703215

3.2. Manufacturer Information

Company Name:	Shanghai Sunmi Technology Co.,Ltd.
Address:	Room 505,No.388,Song Hu Road, Yang Pu District, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	+86 18501703215

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

4.1. About EUT

Description:	Smart POS Terminal
Model Name:	T6721
Condition of EUT as received:	No obvious damage in appearance
Frequency Bands:	GSM 850, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/14/17/25/26/30/38/41/66/71, Bluetooth, WLAN 2.4GHz/5GHz
Tested Tx Frequency:	824 – 849MHz (GSM850)
	1850 – 1910MHz (WCDMA Band 2)
	1710 – 1755MHz (WCDMA Band 4)
	824 – 849MHz (WCDMA Band 5)
	1850 – 1910MHz (LTE Band 2)
	1710 – 1755MHz (LTE Band 4)
	824 – 849MHz (LTE Band 5)
	2500 – 2570MHz (LTE Band 7)
	696 – 716MHz (LTE Band 12)
	777 – 787MHz (LTE Band 13)
	788 – 798MHz (LTE Band 14)
	704 – 716MHz (LTE Band 17)
	1850 – 1915MHz (LTE Band 25)
	814 – 849MHz (LTE Band 26)
	2305 – 2315MHz (LTE Band 30)
	2570 – 2620MHz (LTE Band 38)
	2496 – 2690MHz (LTE Band 41)
	1710 – 1780MHz (LTE Band 66)
	663 – 698MHz (LTE Band 71)
	2402 – 2480MHz (Bluetooth)
	2412 – 2462MHz (WLAN 2.4GHz)
	5150 – 5850MHz (WLAN 5GHz)
GPRS / EDGE Multislot Class:	12
GPRS capability Class:	B
Dual Transfer Mode (DTM)	Not support
Test device Production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna
Product Dimensions:	Long 229.7mm;Wide 245.8mm;Overall Diagonal 288.37mm

*Since the information of samples in this report is provided by the client, the laboratory is not responsible for the authenticity of sample information.

4.2. Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version	Receipt Date
UT02aa	868189062376266	Bgf6e	SP6611A_769_CS_patchbuild_20250326091858640	2025-08-08
UT04aa	868189062376241	Bgf6e	SP6611A_769_CS_patchbuild_20250326091858640	2025-08-08
UT05aa	868189062375904	Bgf6e	SP6611A_769_CS_patchbuild_20250326091858640	2025-08-08
UT06aa	868189062375987	Bgf6e	SP6611A_769_CS_patchbuild_20250326091858640	2025-08-08

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

4.3. Internal Identification of AE used during the test

AE ID*	Description	Model	Manufacturer
AE1	Battery	LKPA	Guangdong Pow-Tech New Power Co., Ltd.
AE2	Battery	CR2032	POWER GLORY BATTERY TECH(HK) CO LTD
AE3	Battery	CR2032	JHIH HONG TECHNOLOGY CO LTD

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

4.4. General Description

According to “Product Change Description” provided by applicant, the table below shows the difference between original and variant:

/	Details
Hardware Version	Bgf6d change to Bgf6e
Software Version	SP6611A_V003_20230409_sunmi_CS change to SP6611A_769_CS_patchbuild_20250326091858640
	The software is compatible with the screen from the second-tier supplier and NFC function, and has no effect on RF.
Main PCBA	1. Add ESIM MB reserved design: Add ESIM chips and peripheral circuits. 2. Replace Components, add circuit: Add an LDO circuit to the LCM. (only for 2nd LCD). 3. Add small battery voltage detection circuit: Increase materials for detecting small battery voltage. 4. NFC - DCDC Circuit Adjustment: The DCDC is replaced with a voltage reduction circuit, which reduces 8V to 5V. The component U3706 is replaced with ETA8111.
LCD	Add 2nd LCD supplier.

Model T6721 the detail differences description as below, others are the same.

Product Name	Model	Configuration		Type	Printer	LCD
Smart POS Terminal	T6721	4	P58 US Standard	financial	58mm new tip	1nd LCD supplier.
		5	P80 US Standard	financial	80mm tip	1nd LCD supplier.
		6	P58 US Standard	financial	58mm new tip	2nd LCD supplier.
		7	P80 US Standard	financial	80mm tip	2nd LCD supplier.

We’ll perform Variant product for spot check test. The results of spot check are presented in annex L.

5. Test Methodology

5.1. Applicable Limit Regulations

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

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

5.2. Applicable Measurement Standards

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

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

KDB 616217 D04 SAR for laptop and tablets v01r02 SAR Evaluation Considerations for Laptop, Notebook, Notebook and Tablet Computers

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

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

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

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

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

TCB workshop April 2019; RF Exposure Procedures (Tissue Simulating Liquids)

6. Specific Absorption Rate (SAR)

6.1. Introduction

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

6.2. SAR Definition

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

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

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

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

Where: C is the specific head capacity, δT is the temperature rise and δt is the exposure duration, or related to the electrical field in the tissue by

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

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

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

7. Tissue Simulating Liquids

7.1. Targets for tissue simulating liquid

Table 7.1: Targets for tissue simulating liquid

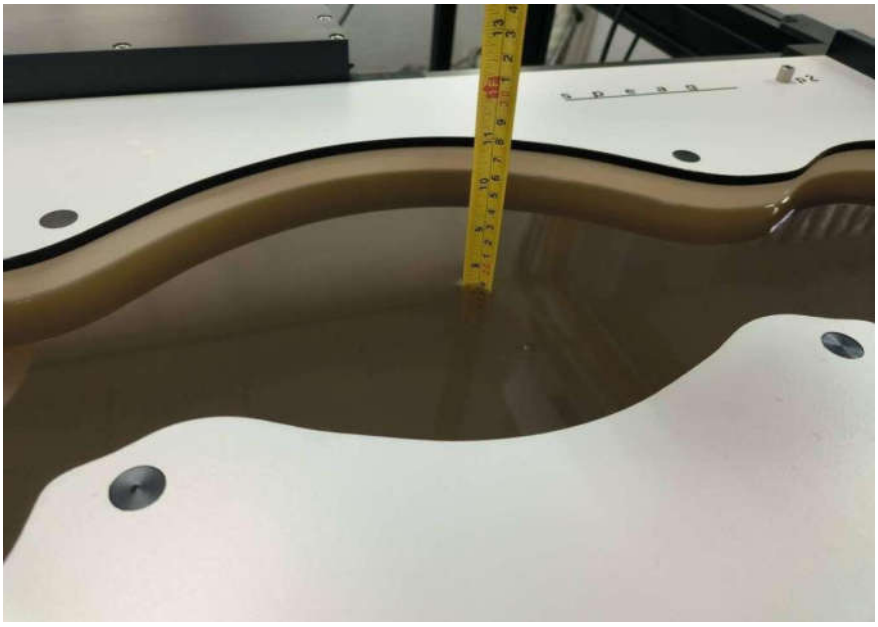
Frequency (MHz)	Liquid Type	Conductivity (σ)	± 5% Range	Permittivity (ε)	± 5% Range
750	Head	0.89	0.85～0.93	41.9	39.8～44.0
835	Head	0.90	0.86～0.95	41.5	39.4～43.6
1750	Head	1.37	1.30～1.44	40.1	38.1～42.1
1900	Head	1.40	1.33～1.47	40.0	38.0～42.0
2300	Head	1.67	1.57～1.75	39.5	37.5～41.4
2450	Head	1.80	1.71～1.89	39.2	37.2～41.2
2550	Head	1.91	1.81～2.01	39.1	37.1～41.0
5250	Head	4.71	4.47～4.95	35.9	34.1～37.7
5600	Head	5.07	4.82～5.32	35.5	33.8～37.3
5750	Head	5.22	4.96～5.48	35.4	33.6～37.1

7.2. Dielectric Performance

Table 7.2: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency (MHz)	Conductivity σ (S/m)	Drift (%)	Permittivity ε	Drift (%)
2023-06-19	750	Head	0.913	2.58	40.89	-2.41
2023-06-16	835	Head	0.928	3.11	40.74	-1.83
2023-06-18	1750	Head	1.359	-0.80	40.57	1.17
2023-06-20	1900	Head	1.382	-1.29	39.23	-1.93
2023-06-22	2300	Head	1.648	-1.32	39.92	1.06
2023-07-12	2450	Head	1.849	2.72	38.37	-2.12
2023-06-26	2550	Head	1.941	1.62	38.53	-1.46
2023-07-10	5250	Head	4.796	1.83	35.17	-2.03
2023-07-10	5600	Head	5.014	-1.10	36.06	1.58
2023-07-10	5750	Head	5.137	-1.59	35.81	1.16

Note: The liquid temperature is 22.0°C.

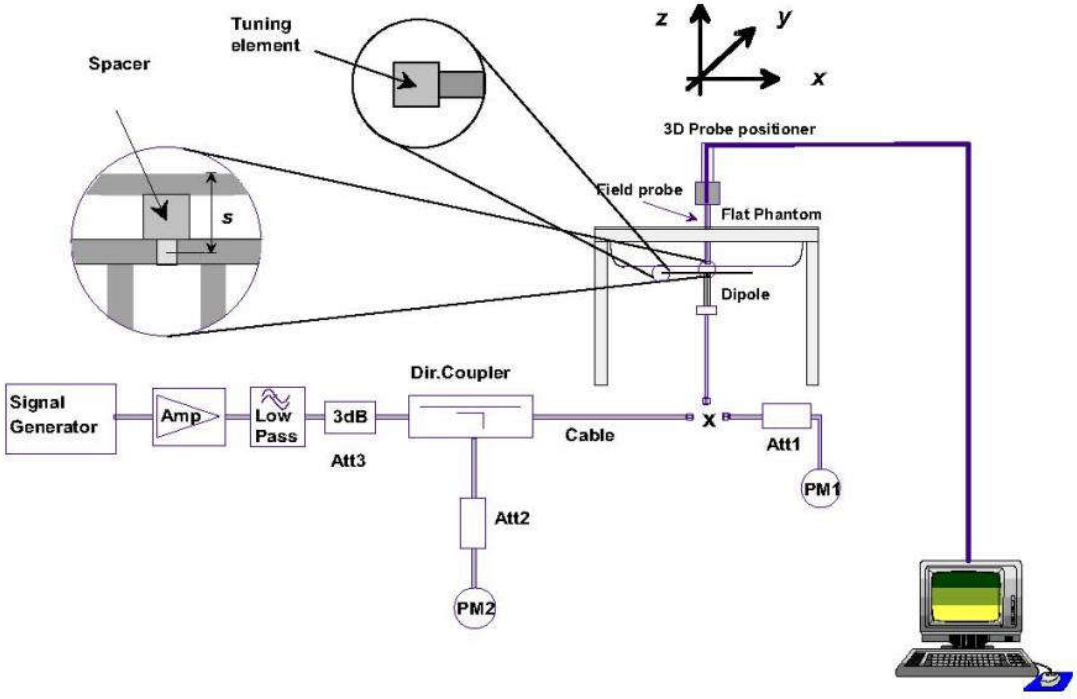


Picture 7-1: Liquid depth in the Flat Phantom (0.6GHz - 7.5GHz)

8. System Check

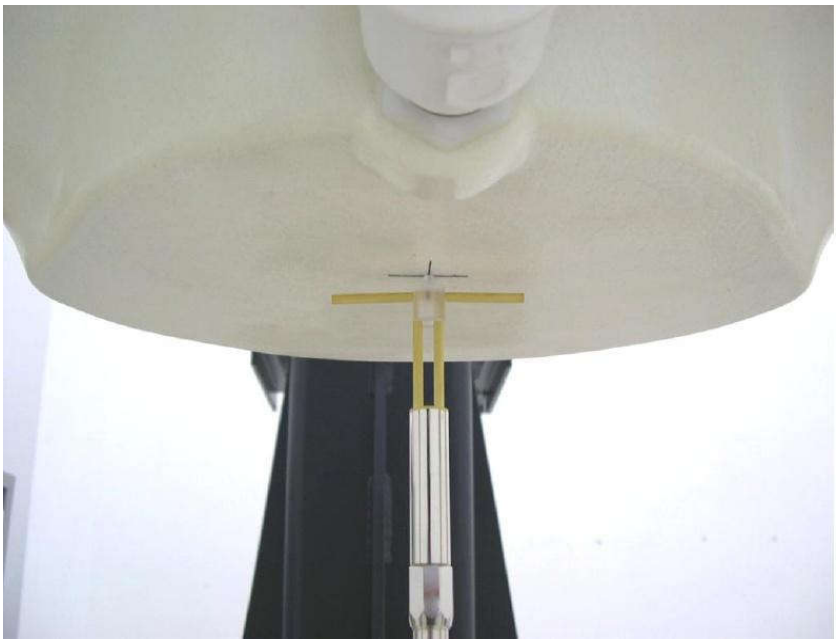
8.1. System Setup

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



Picture 8.1 System Setup for System Evaluation

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



Picture 8.2 Photo of Dipole Setup

8.2. System Check

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

Table 8.1: System Check of Head

Measurement Date	Frequency (MHz)	Target value (W/kg)		Measured value (W/kg)				Deviation (%)	
				/		Normalize to 1W			
		10 g	1 g	10 g	1 g	10 g	1 g	10 g	1 g
2023-06-19	750	5.62	8.48	1.46	2.22	5.84	8.88	3.91	4.72
2023-06-16	835	6.29	9.64	1.63	2.52	6.52	10.08	3.66	4.56
2023-06-18	1750	19.60	36.30	4.82	8.84	19.28	35.36	-1.63	-2.59
2023-06-20	1900	20.50	40.20	5.05	9.77	20.20	39.08	-1.46	-2.79
2023-06-22	2300	22.70	48.30	5.54	11.6	22.16	46.40	-2.38	-3.93
2023-07-12	2450	24.20	53.20	6.16	13.8	24.64	55.20	1.82	3.76
2023-06-26	2550	25.20	55.90	6.40	14.4	25.60	57.60	1.59	3.04
2023-07-10	5250	22.80	79.70	2.33	8.25	23.30	82.50	2.19	3.51
2023-07-10	5600	23.60	82.60	2.32	7.98	23.20	79.80	-1.69	-3.39
2023-07-10	5750	22.10	78.50	2.15	7.51	21.50	75.10	-2.71	-4.33

9. Measurement Procedures

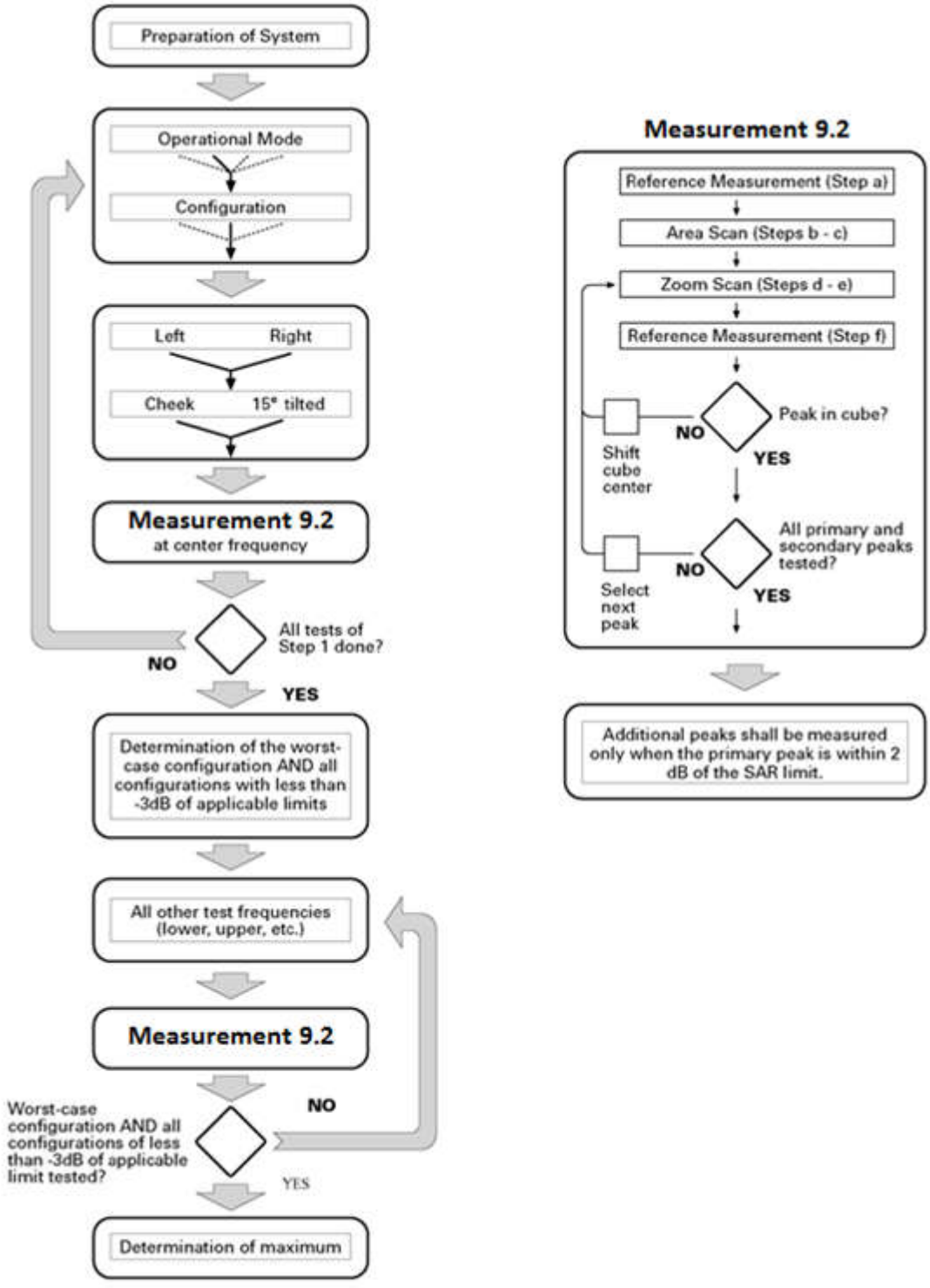
9.1. Tests to be performed

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

Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the center of the transmit frequency band (f_c) for:
a) all device positions (cheek and tilt, for both left and right sides of the SAM phantom, as described in annex D),
b) all configurations for each device position in a), e.g., antenna extended and retracted, and
c) all operational modes, e.g., analogue and digital, for each device position in a) and configuration in b) in each frequency band.
If more than three frequencies need to be tested according to 11.1 (i.e., $N_c > 3$), then all frequencies, configurations and modes shall be tested for all of the above test conditions.

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

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



Picture 9.1 Block diagram of the tests to be performed

9.2. General Measurement Procedure

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

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

9.3. WCDMA Measurement Procedures for SAR

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

For Release 5 HSDPA Data Devices:

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

For Release 6 HSPA Data Devices

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

9.4. SAR Measurement for LTE

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

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

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

9.5. LTE (TDD) Considerations

According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.
SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.
LTE TDD Band 38/41 support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

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

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

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

Calculated Duty Cycle

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

9.6. Bluetooth & WLAN Measurement Procedures for SAR

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

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

9.7. Power Drift

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

9.8. Proximity Sensor Considerations

This device uses a proximity sensor that share the same metallic electrode as the transmitting antenna to facilitate triggering in typical user interactivity with the device. Due to the operating configurations and exposure conditions required by the device, the proximity sensor is used to indicate when the tablet is held close to a user's body exposure condition. It utilizes the proximity sensor to reduce the output power in specific wireless and operating modes to ensure SAR compliance for the following scenarios: To reduce the output power of main antennas during body operating configurations. . It is also set an output power leveled to the lowest one to make sure that in any case of SAR sensor hardware failure the SAR requirements can still be satisfied.

Sensor triggering distance summary data is included in Appendix K.

10. Conducted Output Power

For WWAN antenna, frequency bands GSM850, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/17/25/26/30/38/41/66/71 support proximity sensor triggering power reduce function.

Summary of power level – WWAN antenna

Sensor off (Body)	Sensor off (Body)
Power Level B1	Power Level C1

10.1. GSM Measurement result

Table 10.1: The conducted power measurement results for GPRS/EDGE

Power Level B1								
GPRS850/ EDGE850 (GMSK)	Tune up	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slot	33.5	32.42	32.31	32.21	-9.03	23.39	23.28	23.18
2Tx-slots	32.5	31.43	31.38	31.34	-6.02	25.41	25.36	25.32
3Tx-slots	31.0	**30.09**	**29.97**	**30.01**	-4.26	**25.83**	**25.71**	**25.75**
4Tx-slots	28.5	27.69	27.73	27.82	-3.01	24.68	24.72	24.81
EDGE850 (8PSK)	/	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slot	27.0	25.97	25.96	26.06	-9.03	16.94	16.93	17.03
2Tx-slots	27.0	25.93	25.92	26.01	-6.02	19.91	19.90	19.99
3Tx-slots	26.5	25.87	25.79	25.82	-4.26	21.61	21.53	21.56
4Tx-slots	26.5	25.66	25.59	25.63	-3.01	22.65	22.58	22.62
Power Level C1								
GPRS850/ EDGE850 (GMSK)	Tune up	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slot	28.5	27.81	27.84	27.76	-9.03	18.78	18.81	18.73
2Tx-slots	27.5	26.71	26.77	26.66	-6.02	20.69	20.75	20.64
3Tx-slots	26.0	**25.86**	**25.88**	**25.69**	-4.26	**21.60**	**21.62**	**21.43**
4Tx-slots	24.5	23.76	23.79	23.66	-3.01	20.75	20.78	20.65
EDGE850 (8PSK)	/	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slot	27.0	26.26	26.31	26.22	-9.03	17.23	17.28	17.19
2Tx-slots	27.0	26.07	26.09	26.06	-6.02	20.05	20.07	20.04
3Tx-slots	25.5	24.88	24.91	24.88	-4.26	20.62	20.65	20.62
4Tx-slots	23.5	22.77	22.79	22.79	-3.01	19.76	19.78	19.78

10.2. WCDMA Measurement result

Table 10.2: The conducted power measurement results WCDMA

Power Level B1					
Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	24.5	**23.34**	**23.39**	**23.24**
HSUPA	1	22.5	21.57	21.63	21.60
	2	22.5	21.69	21.69	21.66
	3	22.5	21.78	21.84	21.79
	4	20.5	19.59	19.57	19.56
	5	23.0	21.67	21.72	21.69
HSDPA	1	23.0	21.72	21.71	21.67
	2	23.0	21.77	21.78	21.78
	3	22.5	21.34	21.29	21.29
	4	22.5	21.27	21.29	21.32
Power Level C1					
Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	18.5	**17.55**	**17.57**	**17.49**
HSUPA	1	16.0	14.80	14.82	14.83
	2	16.0	14.93	14.90	14.92
	3	16.0	14.62	14.58	14.56
	4	15.0	13.51	13.47	13.54
	5	17.0	15.81	15.82	15.77
HSDPA	1	17.0	15.82	15.81	15.84
	2	17.0	15.88	15.89	15.92
	3	16.5	15.40	15.41	15.43
	4	16.5	15.40	15.42	15.41

Power Level B1					
Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	24.5	**23.71**	**23.86**	**23.97**
HSUPA	1	22.5	21.32	21.32	21.33
	2	22.5	21.39	21.40	21.38
	3	21.5	20.69	20.71	20.71
	4	20.5	19.49	19.49	19.51
	5	23.0	21.68	21.68	21.73
HSDPA	1	23.0	21.69	21.66	21.66
	2	23.0	21.82	21.80	21.78
	3	22.5	21.10	21.08	21.06
	4	22.5	21.19	21.21	21.18
Power Level C1					
Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	18.5	**17.45**	**17.49**	**17.38**
HSUPA	1	15.0	13.91	13.94	13.92
	2	15.0	14.02	13.99	13.99
	3	15.0	13.70	13.66	13.68
	4	14.0	13.27	13.31	13.27
	5	16.5	15.53	15.47	15.46
HSDPA	1	16.5	15.64	15.64	15.61
	2	16.5	15.74	15.72	15.66
	3	16.0	15.14	15.12	15.09
	4	16.0	15.09	15.11	15.12

Power Level B1					
Item	Band	WCDMA Band 5 Result			
	ARFCN	Tune up	Ch.4233 (846.6MHz)	Ch.4183 (836.6MHz)	Ch.4132 (826.4MHz)
WCDMA	12.2kbps RMC	24.5	**23.28**	**23.38**	**23.22**
HSUPA	1	21.5	20.52	20.47	20.50
	2	21.5	20.62	20.63	20.59
	3	21.5	20.66	20.69	20.68
	4	20.5	19.50	19.53	19.49
	5	22.5	21.46	21.49	21.52
HSDPA	1	22.5	21.49	21.51	21.50
	2	22.5	21.63	21.62	21.62
	3	22.0	21.06	21.12	21.09
	4	22.0	21.09	21.12	21.11
Power Level C1					
Item	Band	WCDMA Band 5 Result			
	ARFCN	Tune up	Ch.4233 (846.6MHz)	Ch.4183 (836.6MHz)	Ch.4132 (826.4MHz)
WCDMA	12.2kbps RMC	22.5	**21.73**	**21.82**	**21.90**
HSUPA	1	19.5	18.99	18.97	19.02
	2	19.5	19.08	19.12	19.06
	3	19.5	18.81	18.77	18.81
	4	18.5	17.53	17.52	17.50
	5	20.5	19.59	19.63	19.61
HSDPA	1	20.5	19.57	19.61	19.60
	2	20.5	19.66	19.69	19.73
	3	20.0	19.07	19.12	19.13
	4	20.0	19.08	19.14	19.09

10.3. LTE Measurement result

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

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

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

LTE Band 2 (1850-1910MHz) is covered by LTE Band 25 (1850-1915MHz)
LTE Band 4 (1710-1755MHz) is covered by LTE Band 66 (1710-1780MHz)
LTE Band 5 (824-849MHz) is covered by LTE Band 26 (814-849MHz)
LTE Band 17 (704-716MHz) is covered by LTE Band 12 (696-716MHz)
LTE Band 38 (2570-2620MHz) is covered by LTE Band 41 (2496-2690MHz)

Table 10.3: The conducted power measurement results for GLTE

Power Level B1								
LTE Band 7			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2567.5	23.38	22.15	21.59	**24.5**	**23.5**	**22.5**
		2535.0	23.57	22.60	21.95			
		2502.5	23.56	22.42	21.85			
	1RB_12	2567.5	23.13	22.77	21.92			
		2535.0	23.19	22.94	21.81			
		2502.5	23.41	22.65	21.51			
	1RB_0	2567.5	23.21	22.18	21.34			
		2535.0	23.03	22.29	21.23			
		2502.5	23.25	22.30	21.26			
	12RB_13	2567.5	22.67	21.83	20.92	**23.5**	**22.5**	**21.5**
		2535.0	22.58	21.54	20.75			
		2502.5	22.73	21.40	20.41			
	12RB_6	2567.5	22.57	21.56	20.74			
		2535.0	22.41	21.43	20.47			
		2502.5	22.50	21.48	20.44			
	12RB_0	2567.5	22.70	21.69	20.60			
		2535.0	22.47	21.22	20.29			
		2502.5	22.37	21.38	20.42			
	25RB_0	2567.5	22.48	21.86	21.02			
		2535.0	22.42	21.51	20.55			
		2502.5	22.44	21.35	20.51			

Power Level B1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2565.0	23.31	22.19	21.59	24.5	23.5	22.5
		2535.0	23.55	22.55	21.89			
		2505.0	23.62	22.41	21.87			
	1RB_24	2565.0	23.13	22.75	21.87			
		2535.0	23.22	22.90	21.81			
		2505.0	23.38	22.68	21.49			
	1RB_0	2565.0	23.17	22.15	21.36			
		2535.0	23.03	22.25	21.31			
		2505.0	23.25	22.23	21.29			
	25RB_25	2565.0	22.69	21.82	20.89	23.5	22.5	21.5
		2535.0	22.55	21.59	20.75			
		2505.0	22.77	21.45	20.42			
	25RB_12	2565.0	22.56	21.52	20.71			
		2535.0	22.44	21.45	20.51			
		2505.0	22.52	21.52	20.49			
	25RB_0	2565.0	22.68	21.73	20.56			
		2535.0	22.43	21.21	20.32			
		2505.0	22.41	21.35	20.45			
	50RB_0	2565.0	22.51	21.86	20.99			
		2535.0	22.41	21.49	20.55			
		2505.0	22.51	21.30	20.51			

Power Level B1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2562.5	23.32	22.18	21.57	24.5	23.5	22.5
		2535.0	23.58	22.54	21.90			
		2507.5	23.58	22.40	21.84			
	1RB_37	2562.5	23.11	22.75	21.91			
		2535.0	23.20	22.94	21.76			
		2507.5	23.40	22.64	21.49			
	1RB_0	2562.5	23.20	22.23	21.35			
		2535.0	23.03	22.26	21.23			
		2507.5	23.24	22.29	21.27			
	36RB_38	2562.5	22.69	21.80	20.88	23.5	22.5	21.5
		2535.0	22.58	21.60	20.75			
		2507.5	22.76	21.41	20.44			
	36RB_19	2562.5	22.55	21.52	20.73			
		2535.0	22.42	21.50	20.51			
		2507.5	22.54	21.45	20.46			
	36RB_0	2562.5	22.69	21.70	20.55			
		2535.0	22.43	21.25	20.30			
		2507.5	22.39	21.39	20.47			
	75RB_0	2562.5	22.43	21.82	21.02			
		2535.0	22.39	21.47	20.54			
		2507.5	22.49	21.35	20.49			

Power Level B1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2560.0	23.35	22.16	21.56	24.5	23.5	22.5
		2535.0	23.58	22.57	21.91			
		2510.0	**23.59**	22.40	21.85			
	1RB_50	2560.0	23.14	22.75	21.90			
		2535.0	23.23	22.94	21.78			
		2510.0	23.41	22.64	21.49			
	1RB_0	2560.0	23.17	22.19	21.35			
		2535.0	23.06	22.27	21.27			
		2510.0	23.25	22.26	21.26			
	50RB_50	2560.0	22.69	21.83	20.89	23.5	22.5	21.5
		2535.0	22.55	21.57	20.77			
		2510.0	**22.74**	21.43	20.42			
	50RB_25	2560.0	22.55	21.55	20.71			
		2535.0	22.42	21.47	20.50			
		2510.0	22.54	21.49	20.47			
	50RB_0	2560.0	22.68	21.72	20.58			
		2535.0	22.45	21.23	20.31			
		2510.0	22.40	21.38	20.44			
	100RB_0	2560.0	22.47	21.86	20.99			
		2535.0	22.40	21.48	20.55			
		2510.0	22.48	21.32	20.48			

Power Level C1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2567.5	15.51	14.65	13.83	16.5	15.5	14.5
		2535.0	15.47	14.54	13.57			
		2502.5	15.49	14.52	13.81			
	1RB_12	2567.5	15.43	14.68	13.68			
		2535.0	15.24	14.68	13.88			
		2502.5	15.27	14.62	13.71			
	1RB_0	2567.5	15.30	14.62	13.65			
		2535.0	15.17	14.29	13.72			
		2502.5	14.81	14.21	13.36			
	12RB_13	2567.5	14.49	13.26	12.17	15.5	14.5	13.5
		2535.0	14.40	13.18	12.09			
		2502.5	14.51	13.12	12.11			
	12RB_6	2567.5	14.43	13.38	12.32			
		2535.0	14.24	13.38	12.34			
		2502.5	14.31	13.32	12.06			
	12RB_0	2567.5	14.38	13.12	12.01			
		2535.0	14.27	13.14	12.14			
		2502.5	14.25	13.09	12.02			
	25RB_0	2567.5	14.50	13.14	12.09			
		2535.0	14.27	13.14	12.07			
		2502.5	14.53	13.15	12.03			

Power Level C1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2565.0	15.43	14.61	13.85	16.5	15.5	14.5
		2535.0	15.51	14.51	13.55			
		2505.0	15.46	14.56	13.88			
	1RB_24	2565.0	15.45	14.72	13.71			
		2535.0	15.29	14.67	13.87			
		2505.0	15.25	14.64	13.70			
	1RB_0	2565.0	15.26	14.64	13.66			
		2535.0	15.16	14.30	13.68			
		2505.0	14.83	14.25	13.36			
	25RB_25	2565.0	14.46	13.26	12.20	15.5	14.5	13.5
		2535.0	14.37	13.13	12.08			
		2505.0	14.44	13.13	12.11			
	25RB_12	2565.0	14.41	13.42	12.31			
		2535.0	14.26	13.34	12.31			
		2505.0	14.30	13.39	12.11			
	25RB_0	2565.0	14.38	13.09	12.02			
		2535.0	14.30	13.12	12.15			
		2505.0	14.18	13.04	12.05			
	50RB_0	2565.0	14.47	13.09	12.06			
		2535.0	14.26	13.13	12.05			
		2505.0	14.55	13.16	12.07			

Power Level C1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2562.5	15.51	14.64	13.82	16.5	15.5	14.5
		2535.0	15.47	14.56	13.56			
		2507.5	15.51	14.57	13.86			
	1RB_37	2562.5	15.48	14.73	13.75			
		2535.0	15.23	14.72	13.84			
		2507.5	15.31	14.64	13.67			
	1RB_0	2562.5	15.31	14.61	13.68			
		2535.0	15.15	14.28	13.69			
		2507.5	14.82	14.26	13.35			
	36RB_38	2562.5	14.42	13.27	12.23	15.5	14.5	13.5
		2535.0	14.37	13.16	12.12			
		2507.5	14.50	13.17	12.06			
	36RB_19	2562.5	14.43	13.43	12.35			
		2535.0	14.21	13.37	12.33			
		2507.5	14.26	13.35	12.11			
	36RB_0	2562.5	14.41	13.12	12.04			
		2535.0	14.29	13.16	12.14			
		2507.5	14.25	13.05	12.01			
	75RB_0	2562.5	14.48	13.10	12.11			
		2535.0	14.24	13.13	12.03			
		2507.5	14.48	13.17	12.01			

Power Level C1								
LTE Band 7			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2560.0	15.47	14.64	13.84	16.5	15.5	14.5
		2535.0	15.48	14.54	13.57			
		2510.0	**15.49**	14.54	13.85			
	1RB_50	2560.0	15.46	14.72	13.72			
		2535.0	15.25	14.71	13.87			
		2510.0	15.28	14.65	13.71			
	1RB_0	2560.0	15.29	14.62	13.64			
		2535.0	15.17	14.27	13.69			
		2510.0	14.85	14.24	13.33			
	50RB_50	2560.0	14.46	13.24	12.20	15.5	14.5	13.5
		2535.0	14.38	13.15	12.11			
		2510.0	**14.47**	13.14	12.09			
	50RB_25	2560.0	14.41	13.40	12.35			
		2535.0	14.23	13.38	12.33			
		2510.0	14.30	13.36	12.08			
	50RB_0	2560.0	14.38	13.10	12.04			
		2535.0	14.29	13.15	12.11			
		2510.0	14.21	13.05	12.02			
	100RB_0	2560.0	14.51	13.13	12.09			
		2535.0	14.24	13.10	12.05			
		2510.0	14.52	13.19	12.04			

Power Level B1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	715.3	23.58	22.53	21.57	24.5	23.5	22.5
		707.5	23.66	22.74	21.70			
		699.7	23.83	22.63	21.82			
	1RB_3	715.3	23.92	22.58	21.89			
		707.5	23.77	22.70	21.75			
		699.7	23.82	22.39	21.86			
	1RB_0	715.3	23.75	22.54	21.65			
		707.5	23.75	22.51	21.53			
		699.7	23.80	22.58	21.71			
	3RB_3	715.3	23.63	22.58	21.58			
		707.5	23.68	22.76	21.71			
		699.7	23.83	22.66	21.82			
	3RB_1	715.3	23.93	22.58	21.82			
		707.5	23.81	22.70	21.77			
		699.7	23.85	22.38	21.87			
	3RB_0	715.3	23.80	22.55	21.65			
		707.5	23.80	22.46	21.51			
		699.7	23.81	22.52	21.70			
	6RB_0	715.3	22.84	21.77	20.87	23.5	22.5	21.5
		707.5	22.74	21.65	20.98			
		699.7	22.76	21.65	20.61			

Power Level B1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	714.5	23.59	22.54	21.65	24.5	23.5	22.5
		707.5	23.66	22.75	21.68			
		700.5	23.79	22.67	21.80			
	1RB_7	714.5	23.92	22.63	21.84			
		707.5	23.77	22.66	21.78			
		700.5	23.80	22.40	21.86			
	1RB_0	714.5	23.75	22.57	21.70			
		707.5	23.80	22.50	21.52			
		700.5	23.82	22.51	21.68			
	8RB_7	714.5	22.82	21.75	20.76	23.5	22.5	21.5
		707.5	22.85	21.68	20.82			
		700.5	22.76	21.85	20.91			
	8RB_4	714.5	22.85	21.85	20.85			
		707.5	22.88	21.67	20.94			
		700.5	22.82	21.57	20.84			
	8RB_0	714.5	22.84	21.87	20.78			
		707.5	22.71	21.64	20.66			
		700.5	22.72	21.56	20.93			
	15RB_0	714.5	22.83	21.73	20.90			
		707.5	22.79	21.66	20.95			
		700.5	22.75	21.66	20.62			

Power Level B1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	713.5	23.58	22.52	21.62	24.5	23.5	22.5
		707.5	23.66	22.77	21.68			
		701.5	23.78	22.69	21.83			
	1RB_12	713.5	23.87	22.58	21.84			
		707.5	23.83	22.69	21.75			
		701.5	23.80	22.41	21.87			
	1RB_0	713.5	23.75	22.53	21.68			
		707.5	23.83	22.50	21.48			
		701.5	23.84	22.56	21.67			
	12RB_13	713.5	22.83	21.69	20.76	23.5	22.5	21.5
		707.5	22.85	21.66	20.87			
		701.5	22.81	21.86	20.87			
	12RB_6	713.5	22.87	21.86	20.85			
		707.5	22.88	21.67	20.95			
		701.5	22.82	21.56	20.81			
	12RB_0	713.5	22.85	21.80	20.79			
		707.5	22.66	21.64	20.62			
		701.5	22.77	21.56	20.91			
	25RB_0	713.5	22.86	21.74	20.86			
		707.5	22.81	21.67	20.95			
		701.5	22.73	21.64	20.64			

Power Level B1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	711.0	23.60	22.55	21.61	24.5	23.5	22.5
		707.5	23.68	22.74	21.69			
		704.0	23.80	22.65	21.83			
	1RB_24	711.0	**23.90**	22.59	21.86			
		707.5	23.80	22.67	21.75			
		704.0	23.83	22.40	21.83			
	1RB_0	711.0	23.77	22.55	21.69			
		707.5	23.79	22.50	21.51			
		704.0	23.82	22.55	21.71			
	25RB_25	711.0	22.82	21.71	20.78	23.5	22.5	21.5
		707.5	22.84	21.68	20.84			
		704.0	22.79	21.88	20.90			
	25RB_12	711.0	**22.87**	21.84	20.84			
		707.5	22.85	21.65	20.92			
		704.0	22.80	21.57	20.84			
	25RB_0	711.0	22.85	21.84	20.77			
		707.5	22.69	21.67	20.63			
		704.0	22.73	21.60	20.89			
	50RB_0	711.0	22.85	21.74	20.90			
		707.5	22.78	21.66	20.97			
		704.0	22.76	21.65	20.61			

Power Level C1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	715.3	22.39	21.84	20.65	23.5	22.5	21.5
		707.5	22.66	21.62	20.79			
		699.7	22.82	21.71	20.35			
	1RB_3	715.3	22.83	21.45	20.57			
		707.5	22.81	21.53	20.86			
		699.7	22.87	21.40	20.27			
	1RB_0	715.3	22.70	21.54	20.58			
		707.5	22.33	21.37	20.50			
		699.7	22.52	21.41	20.59			
	3RB_3	715.3	22.41	21.86	20.61			
		707.5	22.68	21.60	20.76			
		699.7	22.83	21.75	20.37			
	3RB_1	715.3	22.77	21.39	20.59			
		707.5	22.78	21.54	20.78			
		699.7	22.86	21.43	20.27			
	3RB_0	715.3	22.70	21.49	20.60			
		707.5	22.33	21.39	20.50			
		699.7	22.49	21.45	20.54			
	6RB_0	715.3	21.71	20.76	19.34	22.5	21.5	20.5
		707.5	21.73	20.86	19.88			
		699.7	21.77	20.63	19.43			

Power Level C1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	714.5	22.43	21.86	20.66	23.5	22.5	21.5
		707.5	22.68	21.61	20.80			
		700.5	22.87	21.71	20.33			
	1RB_7	714.5	22.81	21.45	20.58			
		707.5	22.80	21.51	20.79			
		700.5	22.82	21.43	20.25			
	1RB_0	714.5	22.73	21.51	20.61			
		707.5	22.34	21.43	20.52			
		700.5	22.48	21.42	20.58			
	8RB_7	714.5	21.64	20.80	19.78	22.5	21.5	20.5
		707.5	21.72	20.74	19.84			
		700.5	21.69	20.75	19.23			
	8RB_4	714.5	21.76	20.83	19.35			
		707.5	21.67	20.77	19.51			
		700.5	21.73	20.61	19.45			
	8RB_0	714.5	21.73	20.80	19.61			
		707.5	21.66	20.55	19.87			
		700.5	21.67	20.60	19.72			
	15RB_0	714.5	21.74	20.75	19.39			
		707.5	21.75	20.82	19.88			
		700.5	21.74	20.63	19.44			

Power Level C1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	713.5	22.39	21.85	20.61	23.5	22.5	21.5
		707.5	22.66	21.59	20.76			
		701.5	22.88	21.71	20.35			
	1RB_12	713.5	22.82	21.45	20.64			
		707.5	22.77	21.49	20.79			
		701.5	22.83	21.41	20.28			
	1RB_0	713.5	22.74	21.56	20.62			
		707.5	22.30	21.44	20.50			
		701.5	22.49	21.39	20.59			
	12RB_13	713.5	21.65	20.79	19.76	22.5	21.5	20.5
		707.5	21.71	20.72	19.87			
		701.5	21.67	20.70	19.27			
	12RB_6	713.5	21.73	20.89	19.42			
		707.5	21.72	20.72	19.52			
		701.5	21.72	20.64	19.46			
	12RB_0	713.5	21.69	20.83	19.61			
		707.5	21.60	20.49	19.87			
		701.5	21.65	20.61	19.70			
	25RB_0	713.5	21.76	20.71	19.34			
		707.5	21.75	20.82	19.86			
		701.5	21.78	20.66	19.46			

Power Level C1								
LTE Band 12			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	711.0	22.41	21.85	20.65	23.5	22.5	21.5
		707.5	22.66	21.63	20.79			
		704.0	22.74	21.74	20.33			
	1RB_24	711.0	**22.80**	21.42	20.60			
		707.5	22.79	21.53	20.82			
		704.0	22.77	21.43	20.29			
	1RB_0	711.0	22.73	21.52	20.61			
		707.5	22.32	21.41	20.53			
		704.0	22.49	21.43	20.55			
	25RB_25	711.0	21.67	20.80	19.77	22.5	21.5	20.5
		707.5	21.70	20.71	19.84			
		704.0	21.69	20.73	19.26			
	25RB_12	711.0	**21.74**	20.85	19.39			
		707.5	21.71	20.73	19.49			
		704.0	21.72	20.60	19.42			
	25RB_0	711.0	21.73	20.83	19.58			
		707.5	21.63	20.53	19.90			
		704.0	21.68	20.60	19.73			
	50RB_0	711.0	21.74	20.73	19.37			
		707.5	21.72	20.83	19.88			
		704.0	21.75	20.67	19.46			

Power Level B1								
LTE Band 13			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	784.5	23.98	22.83	21.86	**24.5**	**23.5**	**22.5**
		782.0	23.98	22.72	21.89			
		779.5	23.79	22.78	21.94			
	1RB_12	784.5	23.93	22.78	21.85			
		782.0	23.95	22.68	21.84			
		779.5	23.79	22.79	21.93			
	1RB_0	784.5	23.96	22.81	21.89			
		782.0	23.99	22.68	21.88			
		779.5	23.74	22.81	21.95			
	12RB_13	784.5	22.84	21.66	20.74	23.5	22.5	21.5
		782.0	22.88	21.81	20.93			
		779.5	22.87	21.62	20.88			
	12RB_6	784.5	22.84	21.69	20.77			
		782.0	22.88	21.77	20.89			
		779.5	22.89	21.64	20.90			
	12RB_0	784.5	22.84	21.70	20.78			
		782.0	22.90	21.75	20.93			
		779.5	22.88	21.58	20.85			
	25RB_0	784.5	22.85	21.64	20.78			
		782.0	22.87	21.80	20.92			
		779.5	22.84	21.57	20.85			

Power Level B1								
LTE Band 13			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	782.0	23.95	22.81	21.86	24.5	23.5	22.5
	1RB_24	782.0	**23.98**	22.70	21.87			
	1RB_0	782.0	23.77	22.81	21.94			
	25RB_25	782.0	22.82	21.68	20.76	23.5	22.5	21.5
	25RB_12	782.0	**22.87**	21.78	20.92			
	25RB_0	782.0	22.86	21.60	20.87			
	50RB_0	782.0	22.79	21.66	20.74			

Power Level B1								
LTE Band 14			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	795.5	23.64	22.60	21.55	24.5	23.5	22.5
		793.0	23.74	22.68	21.81			
		790.5	23.56	22.36	21.51			
	1RB_12	795.5	23.73	22.65	21.77			
		793.0	23.93	22.54	21.94			
		790.5	23.87	22.49	21.91			
	1RB_0	795.5	23.85	22.48	21.76			
		793.0	23.41	22.48	21.50			
		790.5	23.64	22.54	21.52			
	12RB_13	795.5	22.73	21.56	20.84	23.5	22.5	21.5
		793.0	22.73	21.75	20.82			
		790.5	22.72	21.82	20.87			
	12RB_6	795.5	22.59	21.79	20.62			
		793.0	22.68	21.73	20.63			
		790.5	22.64	21.65	20.82			
	12RB_0	795.5	22.69	21.65	20.92			
		793.0	22.57	21.58	20.61			
		790.5	22.70	21.47	20.87			
	25RB_0	795.5	22.74	21.72	20.81			
		793.0	22.66	21.54	20.92			
		790.5	22.73	21.70	20.64			

Power Level B1								
LTE Band 14			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	793.0	23.68	22.62	21.88	24.5	23.5	22.5
	1RB_24	793.0	**23.84**	22.70	21.91			
	1RB_0	793.0	23.73	22.69	21.55			
	25RB_25	793.0	**22.81**	21.64	20.81	23.5	22.5	21.5
	25RB_12	793.0	22.74	21.52	20.59			
	25RB_0	793.0	22.64	21.59	20.57			
	50RB_0	793.0	22.70	21.56	20.56			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1914.3	22.82	21.75	20.78	24.0	23.0	22.0
		1882.5	22.98	21.54	20.91			
		1850.7	22.85	21.75	20.91			
	1RB_3	1914.3	22.82	21.88	20.99			
		1882.5	23.00	21.96	20.83			
		1850.7	22.67	21.81	20.92			
	1RB_0	1914.3	22.79	21.69	20.79			
		1882.5	22.96	21.72	20.93			
		1850.7	22.91	21.70	20.87			
	3RB_3	1914.3	22.81	21.72	20.78			
		1882.5	22.99	21.55	20.98			
		1850.7	22.83	21.73	20.91			
	3RB_1	1914.3	22.82	21.85	20.94			
		1882.5	23.01	21.95	20.85			
		1850.7	22.72	21.78	20.89			
	3RB_0	1914.3	22.79	21.70	20.75			
		1882.5	22.97	21.77	20.98			
		1850.7	22.90	21.74	20.86			
	6RB_0	1914.3	21.97	20.83	19.71	23.0	22.0	21.0
		1882.5	21.96	20.86	19.73			
		1850.7	21.83	20.83	19.80			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1913.5	22.77	21.75	20.76	24.0	23.0	22.0
		1882.5	22.97	21.56	20.95			
		1851.5	22.89	21.69	20.90			
	1RB_7	1913.5	22.81	21.85	20.96			
		1882.5	22.97	21.98	20.85			
		1851.5	22.73	21.79	20.86			
	1RB_0	1913.5	22.81	21.74	20.76			
		1882.5	23.01	21.73	21.00			
		1851.5	22.94	21.70	20.90			
	8RB_7	1913.5	21.94	20.86	20.00	23.0	22.0	21.0
		1882.5	21.91	20.83	19.96			
		1851.5	21.87	20.69	19.96			
	8RB_4	1913.5	21.86	20.86	19.98			
		1882.5	21.85	20.88	19.98			
		1851.5	21.86	20.78	19.95			
	8RB_0	1913.5	21.96	20.95	19.83			
		1882.5	22.02	20.74	19.95			
		1851.5	21.93	20.74	19.86			
	15RB_0	1913.5	21.93	20.81	19.74			
		1882.5	21.98	20.91	19.73			
		1851.5	21.86	20.85	19.81			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1912.5	22.79	21.75	20.77	24.0	23.0	22.0
		1882.5	22.96	21.58	20.98			
		1852.5	22.90	21.69	20.86			
	1RB_12	1912.5	22.82	21.84	21.00			
		1882.5	22.97	21.99	20.83			
		1852.5	22.71	21.77	20.87			
	1RB_0	1912.5	22.79	21.73	20.82			
		1882.5	23.01	21.78	20.96			
		1852.5	22.91	21.75	20.91			
	12RB_13	1912.5	21.94	20.92	19.96	23.0	22.0	21.0
		1882.5	21.94	20.82	19.91			
		1852.5	21.85	20.69	19.93			
	12RB_6	1912.5	21.85	20.88	19.96			
		1882.5	21.89	20.90	19.94			
		1852.5	21.85	20.81	19.92			
	12RB_0	1912.5	22.00	21.00	19.80			
		1882.5	22.03	20.79	19.87			
		1852.5	21.93	20.70	19.88			
	25RB_0	1912.5	21.92	20.76	19.74			
		1882.5	21.98	20.87	19.69			
		1852.5	21.88	20.79	19.83			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1910.0	22.84	21.72	20.80	24.0	23.0	22.0
		1882.5	23.00	21.62	20.91			
		1855.0	22.85	21.74	20.91			
	1RB_24	1910.0	22.77	21.85	20.97			
		1882.5	22.95	21.93	20.84			
		1855.0	22.70	21.79	20.90			
	1RB_0	1910.0	22.81	21.72	20.82			
		1882.5	22.99	21.71	21.00			
		1855.0	22.97	21.73	20.90			
	25RB_25	1910.0	21.93	20.87	19.97	23.0	22.0	21.0
		1882.5	21.99	20.80	19.93			
		1855.0	21.89	20.68	19.94			
	25RB_12	1910.0	21.85	20.90	19.99			
		1882.5	21.85	20.92	19.99			
		1855.0	21.83	20.79	19.95			
	25RB_0	1910.0	21.99	20.97	19.82			
		1882.5	22.03	20.73	19.90			
		1855.0	21.93	20.75	19.80			
	50RB_0	1910.0	21.94	20.75	19.75			
		1882.5	21.97	20.85	19.74			
		1855.0	21.84	20.81	19.81			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1907.5	22.78	21.74	20.77	24.0	23.0	22.0
		1882.5	22.93	21.61	20.94			
		1857.5	22.86	21.69	20.86			
	1RB_37	1907.5	22.82	21.82	20.93			
		1882.5	22.99	21.98	20.87			
		1857.5	22.74	21.79	20.90			
	1RB_0	1907.5	22.83	21.74	20.82			
		1882.5	22.96	21.76	20.98			
		1857.5	22.90	21.73	20.90			
	36RB_38	1907.5	21.95	20.91	19.99	23.0	22.0	21.0
		1882.5	21.97	20.84	19.90			
		1857.5	21.91	20.69	19.91			
	36RB_19	1907.5	21.85	20.88	19.99			
		1882.5	21.89	20.93	19.99			
		1857.5	21.83	20.83	19.95			
	36RB_0	1907.5	21.96	20.92	19.80			
		1882.5	22.02	20.79	19.91			
		1857.5	21.90	20.70	19.83			
	75RB_0	1907.5	21.91	20.77	19.75			
		1882.5	21.97	20.85	19.69			
		1857.5	21.87	20.81	19.84			

Power Level B1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1905.0	22.81	21.74	20.77	24.0	23.0	22.0
		1882.5	22.96	21.58	20.94			
		1860.0	22.86	21.73	20.90			
	1RB_50	1905.0	22.80	21.85	20.96			
		1882.5	22.97	21.96	20.85			
		1860.0	22.70	21.77	20.88			
	1RB_0	1905.0	22.82	21.71	20.79			
		1882.5	**22.98**	21.74	20.97			
		1860.0	22.93	21.73	20.88			
	50RB_50	1905.0	21.92	20.89	19.97	23.0	22.0	21.0
		1882.5	21.95	20.81	19.93			
		1860.0	21.88	20.71	19.95			
	50RB_25	1905.0	21.86	20.90	19.96			
		1882.5	21.88	20.91	19.97			
		1860.0	21.86	20.79	19.94			
	50RB_0	1905.0	21.97	20.96	19.82			
		1882.5	**22.03**	20.76	19.91			
		1860.0	21.89	20.72	19.84			
	100RB_0	1905.0	21.94	20.79	19.74			
		1882.5	21.96	20.87	19.73			
		1860.0	21.86	20.81	19.80			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1914.3	16.65	15.75	14.84	18.0	17.0	16.0
		1882.5	16.83	15.82	14.79			
		1850.7	16.94	15.88	14.89			
	1RB_3	1914.3	17.03	15.91	14.80			
		1882.5	17.10	15.89	15.01			
		1850.7	16.80	15.86	14.75			
	1RB_0	1914.3	17.06	15.62	14.79			
		1882.5	17.08	15.72	14.99			
		1850.7	17.06	15.93	14.88			
	3RB_3	1914.3	16.70	15.67	14.83			
		1882.5	16.87	15.83	14.76			
		1850.7	16.87	15.81	14.88			
	3RB_1	1914.3	16.98	15.88	14.82			
		1882.5	17.07	15.86	15.02			
		1850.7	16.81	15.82	14.73			
	3RB_0	1914.3	17.01	15.61	14.79			
		1882.5	17.07	15.74	14.99			
		1850.7	17.00	15.94	14.83			
	6RB_0	1914.3	15.86	14.87	13.80	17.0	16.0	15.0
		1882.5	16.08	14.92	13.86			
		1850.7	16.04	14.85	13.86			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1913.5	16.71	15.69	14.85	18.0	17.0	16.0
		1882.5	16.87	15.84	14.73			
		1851.5	16.93	15.84	14.92			
	1RB_7	1913.5	17.05	15.92	14.79			
		1882.5	17.03	15.88	14.95			
		1851.5	16.81	15.82	14.71			
	1RB_0	1913.5	16.99	15.66	14.84			
		1882.5	17.11	15.73	14.99			
		1851.5	17.03	15.93	14.82			
	8RB_7	1913.5	15.84	15.02	13.89	17.0	16.0	15.0
		1882.5	16.01	14.82	13.83			
		1851.5	15.97	14.94	13.78			
	8RB_4	1913.5	15.83	14.93	13.89			
		1882.5	16.01	14.95	13.97			
		1851.5	15.92	14.97	13.94			
	8RB_0	1913.5	15.86	14.88	13.91			
		1882.5	16.17	14.94	13.82			
		1851.5	15.95	14.78	13.91			
	15RB_0	1913.5	15.88	14.92	13.75			
		1882.5	16.09	14.90	13.86			
		1851.5	16.04	14.87	13.93			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1912.5	16.66	15.70	14.87	18.0	17.0	16.0
		1882.5	16.81	15.78	14.72			
		1852.5	16.92	15.82	14.89			
	1RB_12	1912.5	17.02	15.88	14.82			
		1882.5	17.09	15.85	14.95			
		1852.5	16.84	15.85	14.76			
	1RB_0	1912.5	17.05	15.62	14.84			
		1882.5	17.08	15.73	14.95			
		1852.5	17.00	15.88	14.83			
	12RB_13	1912.5	15.86	14.97	13.88	17.0	16.0	15.0
		1882.5	16.02	14.82	13.86			
		1852.5	15.98	14.97	13.80			
	12RB_6	1912.5	15.85	14.89	13.90			
		1882.5	16.06	15.00	13.91			
		1852.5	15.90	14.97	13.90			
	12RB_0	1912.5	15.83	14.89	13.88			
		1882.5	16.13	14.93	13.80			
		1852.5	15.99	14.78	13.87			
	25RB_0	1912.5	15.87	14.90	13.76			
		1882.5	16.08	14.88	13.85			
		1852.5	16.06	14.82	13.86			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1910.0	16.66	15.68	14.85	18.0	17.0	16.0
		1882.5	16.82	15.81	14.72			
		1855.0	16.94	15.85	14.87			
	1RB_24	1910.0	16.98	15.87	14.84			
		1882.5	17.06	15.88	14.98			
		1855.0	16.87	15.83	14.71			
	1RB_0	1910.0	17.06	15.64	14.80			
		1882.5	17.09	15.71	14.98			
		1855.0	17.05	15.89	14.83			
	25RB_25	1910.0	15.84	14.96	13.85	17.0	16.0	15.0
		1882.5	16.01	14.89	13.85			
		1855.0	15.97	14.94	13.79			
	25RB_12	1910.0	15.83	14.91	13.86			
		1882.5	16.01	15.00	13.94			
		1855.0	15.86	14.98	13.94			
	25RB_0	1910.0	15.85	14.91	13.93			
		1882.5	16.11	14.86	13.83			
		1855.0	15.97	14.82	13.93			
	50RB_0	1910.0	15.86	14.87	13.81			
		1882.5	16.08	14.95	13.83			
		1855.0	16.06	14.84	13.94			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1907.5	16.67	15.73	14.83	18.0	17.0	16.0
		1882.5	16.80	15.78	14.74			
		1857.5	16.93	15.83	14.87			
	1RB_37	1907.5	17.03	15.87	14.81			
		1882.5	17.08	15.82	15.00			
		1857.5	16.86	15.83	14.71			
	1RB_0	1907.5	17.06	15.62	14.84			
		1882.5	17.10	15.71	14.97			
		1857.5	17.01	15.86	14.83			
	36RB_38	1907.5	15.85	15.00	13.90	17.0	16.0	15.0
		1882.5	16.03	14.87	13.88			
		1857.5	16.01	14.92	13.76			
	36RB_19	1907.5	15.84	14.91	13.85			
		1882.5	16.01	15.00	13.91			
		1857.5	15.93	14.93	13.96			
	36RB_0	1907.5	15.90	14.88	13.94			
		1882.5	16.10	14.93	13.82			
		1857.5	15.96	14.82	13.93			
	75RB_0	1907.5	15.86	14.85	13.82			
		1882.5	16.05	14.89	13.81			
		1857.5	16.11	14.84	13.87			

Power Level C1								
LTE Band 25			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1905.0	16.69	15.71	14.83	18.0	17.0	16.0
		1882.5	16.84	15.82	14.76			
		1860.0	16.91	15.84	14.91			
	1RB_50	1905.0	17.01	15.90	14.82			
		1882.5	17.07	15.86	14.98			
		1860.0	16.83	15.85	14.73			
	1RB_0	1905.0	17.02	15.62	14.82			
		1882.5	**17.08**	15.71	14.96			
		1860.0	17.02	15.90	14.85			
	50RB_50	1905.0	15.85	14.98	13.88	17.0	16.0	15.0
		1882.5	16.02	14.85	13.86			
		1860.0	15.97	14.95	13.77			
	50RB_25	1905.0	15.83	14.91	13.87			
		1882.5	16.02	14.97	13.94			
		1860.0	15.89	14.94	13.92			
	50RB_0	1905.0	15.86	14.88	13.91			
		1882.5	**16.13**	14.90	13.82			
		1860.0	15.98	14.80	13.89			
	100RB_0	1905.0	15.90	14.88	13.79			
		1882.5	16.06	14.91	13.85			
		1860.0	16.07	14.84	13.90			

Power Level B1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	848.3	23.03	22.05	21.01	24.0	23.0	22.0
		831.5	23.08	22.12	21.19			
		814.7	23.01	22.09	21.19			
	1RB_3	848.3	22.92	22.11	21.22			
		831.5	23.03	22.16	21.37			
		814.7	23.07	22.22	21.22			
	1RB_0	848.3	23.12	22.05	21.26			
		831.5	23.04	22.01	21.16			
		814.7	23.13	22.08	21.15			
	3RB_3	848.3	23.03	22.05	21.04			
		831.5	23.09	22.15	21.16			
		814.7	23.02	22.08	21.23			
	3RB_1	848.3	23.00	22.10	21.26			
		831.5	22.95	22.17	21.34			
		814.7	23.12	22.24	21.25			
	3RB_0	848.3	23.15	22.07	21.24			
		831.5	23.07	22.00	21.17			
		814.7	23.08	22.11	21.12			
	6RB_0	848.3	22.03	21.03	20.11	23.0	22.0	21.0
		831.5	22.08	21.10	20.12			
		814.7	22.05	21.08	20.08			

Power Level B1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	847.5	23.00	22.03	21.01	24.0	23.0	22.0
		831.5	23.10	22.18	21.20			
		815.5	23.05	22.12	21.21			
	1RB_7	847.5	22.93	22.10	21.28			
		831.5	23.02	22.14	21.37			
		815.5	23.12	22.20	21.26			
	1RB_0	847.5	23.10	22.02	21.23			
		831.5	23.05	22.00	21.16			
		815.5	23.13	22.07	21.14			
	8RB_7	847.5	22.24	21.04	20.10	23.0	22.0	21.0
		831.5	22.17	21.10	20.17			
		815.5	22.21	21.14	20.12			
	8RB_4	847.5	22.05	21.01	20.07			
		831.5	22.15	21.13	20.14			
		815.5	21.99	21.23	20.18			
	8RB_0	847.5	22.10	21.08	20.06			
		831.5	21.99	21.04	20.06			
		815.5	22.19	21.19	20.13			
	15RB_0	847.5	22.08	21.02	20.14			
		831.5	22.03	21.10	20.10			
		815.5	22.03	21.06	20.07			

Power Level B1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	846.5	23.03	22.06	21.00	24.0	23.0	22.0
		831.5	23.10	22.16	21.16			
		816.5	22.99	22.08	21.19			
	1RB_12	846.5	22.95	22.10	21.22			
		831.5	23.01	22.12	21.38			
		816.5	23.10	22.25	21.25			
	1RB_0	846.5	23.11	22.02	21.27			
		831.5	23.10	21.97	21.16			
		816.5	23.11	22.14	21.12			
	12RB_13	846.5	22.27	21.00	20.17	23.0	22.0	21.0
		831.5	22.20	21.15	20.11			
		816.5	22.19	21.10	20.10			
	12RB_6	846.5	22.05	20.97	20.13			
		831.5	22.09	21.09	20.18			
		816.5	22.04	21.24	20.21			
	12RB_0	846.5	22.13	21.09	20.06			
		831.5	22.05	21.01	20.12			
		816.5	22.19	21.14	20.19			
	25RB_0	846.5	22.06	21.06	20.11			
		831.5	22.08	21.14	20.13			
		816.5	22.06	21.03	20.10			

Power Level B1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	844.0	23.07	22.05	21.01	24.0	23.0	22.0
		831.5	23.03	22.13	21.19			
		819.0	23.05	22.10	21.22			
	1RB_24	844.0	22.95	22.11	21.24			
		831.5	23.01	22.17	21.35			
		819.0	23.10	22.19	21.25			
	1RB_0	844.0	23.13	22.08	21.23			
		831.5	23.05	22.02	21.16			
		819.0	23.15	22.12	21.14			
	25RB_25	844.0	22.22	21.04	20.11	23.0	22.0	21.0
		831.5	22.18	21.11	20.15			
		819.0	22.24	21.12	20.11			
	25RB_12	844.0	22.04	21.01	20.12			
		831.5	22.10	21.12	20.15			
		819.0	21.97	21.19	20.24			
	25RB_0	844.0	22.12	21.11	20.07			
		831.5	21.99	21.01	20.10			
		819.0	22.19	21.18	20.14			
	50RB_0	844.0	22.08	21.04	20.11			
		831.5	22.08	21.09	20.11			
		819.0	22.07	21.01	20.10			

Power Level B1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	841.5	23.04	22.04	21.04	24.0	23.0	22.0
		831.5	23.07	22.15	21.17			
		821.5	23.03	22.12	21.22			
	1RB_37	841.5	22.96	22.08	21.25			
		831.5	22.99	22.14	21.34			
		821.5	23.10	22.21	21.23			
	1RB_0	841.5	**23.14**	22.06	21.25			
		831.5	23.07	22.00	21.18			
		821.5	23.12	22.11	21.15			
	36RB_38	841.5	**22.23**	21.03	20.13	23.0	22.0	21.0
		831.5	22.17	21.13	20.14			
		821.5	22.22	21.11	20.13			
	36RB_19	841.5	22.04	21.00	20.11			
		831.5	22.12	21.10	20.16			
		821.5	22.00	21.22	20.22			
	36RB_0	841.5	22.11	21.09	20.06			
		831.5	22.02	21.04	20.10			
		821.5	22.17	21.15	20.17			
	75RB_0	841.5	22.04	21.03	20.11			
		831.5	22.05	21.12	20.14			
		821.5	22.06	21.05	20.09			

Power Level C1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	848.3	22.23	21.07	20.25	23.0	22.0	21.0
		831.5	22.25	21.06	20.30			
		814.7	22.27	21.16	20.25			
	1RB_3	848.3	22.06	21.15	20.23			
		831.5	22.16	21.06	20.15			
		814.7	22.18	21.06	20.29			
	1RB_0	848.3	22.30	21.10	20.16			
		831.5	22.26	21.06	20.07			
		814.7	22.30	21.27	20.31			
	3RB_3	848.3	22.21	21.08	20.27			
		831.5	22.24	21.04	20.33			
		814.7	22.27	21.15	20.29			
	3RB_1	848.3	22.04	21.08	20.27			
		831.5	22.16	21.06	20.18			
		814.7	22.22	21.10	20.32			
	3RB_0	848.3	22.28	21.05	20.14			
		831.5	22.26	21.06	20.13			
		814.7	22.34	21.22	20.30			
	6RB_0	848.3	21.20	20.03	19.21	22.0	21.0	20.0
		831.5	21.19	20.09	19.22			
		814.7	21.17	20.09	19.21			

Power Level C1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	847.5	22.24	21.04	20.26	23.0	22.0	21.0
		831.5	22.25	21.08	20.33			
		815.5	22.31	21.15	20.26			
	1RB_7	847.5	22.02	21.14	20.22			
		831.5	22.18	21.01	20.16			
		815.5	22.19	21.05	20.33			
	1RB_0	847.5	22.28	21.09	20.13			
		831.5	22.21	20.99	20.08			
		815.5	22.32	21.27	20.32			
	8RB_7	847.5	21.29	20.25	19.14	22.0	21.0	20.0
		831.5	21.27	20.29	19.16			
		815.5	21.31	20.08	19.14			
	8RB_4	847.5	21.16	20.04	19.13			
		831.5	21.20	20.21	19.27			
		815.5	21.26	20.25	19.29			
	8RB_0	847.5	21.14	20.07	19.21			
		831.5	21.07	20.05	19.19			
		815.5	21.17	20.06	19.34			
	15RB_0	847.5	21.19	20.02	19.25			
		831.5	21.17	20.06	19.18			
		815.5	21.22	20.03	19.21			

Power Level C1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	846.5	22.27	21.02	20.26	23.0	22.0	21.0
		831.5	22.22	21.07	20.34			
		816.5	22.30	21.13	20.28			
	1RB_12	846.5	22.03	21.08	20.25			
		831.5	22.20	21.02	20.20			
		816.5	22.24	21.08	20.28			
	1RB_0	846.5	22.31	21.10	20.19			
		831.5	22.18	21.02	20.07			
		816.5	22.33	21.21	20.30			
	12RB_13	846.5	21.27	20.20	19.14	22.0	21.0	20.0
		831.5	21.24	20.23	19.17			
		816.5	21.29	20.03	19.13			
	12RB_6	846.5	21.17	20.09	19.16			
		831.5	21.20	20.22	19.28			
		816.5	21.29	20.23	19.23			
	12RB_0	846.5	21.18	20.06	19.20			
		831.5	21.05	20.03	19.19			
		816.5	21.17	20.02	19.35			
	25RB_0	846.5	21.22	20.01	19.22			
		831.5	21.20	20.07	19.24			
		816.5	21.15	20.10	19.21			

Power Level C1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	844.0	22.21	21.07	20.22	23.0	22.0	21.0
		831.5	22.24	21.11	20.32			
		819.0	22.30	21.14	20.24			
	1RB_24	844.0	22.03	21.08	20.23			
		831.5	22.20	21.03	20.22			
		819.0	22.23	21.03	20.25			
	1RB_0	844.0	22.31	21.05	20.14			
		831.5	22.19	21.00	20.06			
		819.0	22.31	21.26	20.30			
	25RB_25	844.0	21.33	20.25	19.14	22.0	21.0	20.0
		831.5	21.23	20.25	19.20			
		819.0	21.32	20.07	19.19			
	25RB_12	844.0	21.20	20.08	19.15			
		831.5	21.14	20.16	19.27			
		819.0	21.29	20.26	19.22			
	25RB_0	844.0	21.18	20.09	19.21			
		831.5	21.08	20.09	19.19			
		819.0	21.18	20.06	19.36			
	50RB_0	844.0	21.16	20.06	19.22			
		831.5	21.17	20.10	19.23			
		819.0	21.21	20.05	19.20			

Power Level C1								
LTE Band 26			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	841.5	22.25	21.04	20.25	23.0	22.0	21.0
		831.5	22.21	21.07	20.31			
		821.5	22.30	21.15	20.27			
	1RB_37	841.5	22.04	21.11	20.24			
		831.5	22.19	21.04	20.18			
		821.5	22.22	21.07	20.29			
	1RB_0	841.5	**22.32**	21.08	20.15			
		831.5	22.22	21.03	20.10			
		821.5	22.31	21.23	20.31			
	36RB_38	841.5	**21.30**	20.24	19.13	22.0	21.0	20.0
		831.5	21.24	20.26	19.18			
		821.5	21.29	20.06	19.17			
	36RB_19	841.5	21.18	20.06	19.15			
		831.5	21.17	20.18	19.29			
		821.5	21.28	20.23	19.26			
	36RB_0	841.5	21.16	20.08	19.18			
		831.5	21.05	20.05	19.17			
		821.5	21.20	20.04	19.33			
	75RB_0	841.5	21.20	20.03	19.21			
		831.5	21.21	20.09	19.20			
		821.5	21.18	20.06	19.17			

Power Level B1								
LTE Band 30			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2312.5	22.55	21.61	20.69	23.5	22.5	21.5
		2310.0	22.66	21.75	20.79			
		2307.5	22.66	21.67	20.83			
	1RB_12	2312.5	22.56	21.54	20.62			
		2310.0	22.66	21.71	20.85			
		2307.5	22.70	21.64	20.86			
	1RB_0	2312.5	22.51	21.56	20.67			
		2310.0	22.72	21.74	20.79			
		2307.5	22.71	21.65	20.86			
	12RB_13	2312.5	21.56	20.96	19.55	22.5	21.5	20.5
		2310.0	21.74	21.00	19.55			
		2307.5	21.76	20.89	19.49			
	12RB_6	2312.5	21.53	20.94	19.55			
		2310.0	21.76	20.96	19.53			
		2307.5	21.80	20.90	19.48			
	12RB_0	2312.5	21.58	20.91	19.57			
		2310.0	21.69	20.98	19.55			
		2307.5	21.79	20.90	19.53			
	25RB_0	2312.5	21.57	20.95	19.53			
		2310.0	21.73	20.93	19.57			
		2307.5	21.76	20.96	19.51			

Power Level B1								
LTE Band 30			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2310.0	22.53	21.58	20.65	23.5	22.5	21.5
	1RB_24	2310.0	**22.69**	21.75	20.81			
	1RB_0	2310.0	22.68	21.65	20.83			
	25RB_25	2310.0	21.56	20.94	19.55	22.5	21.5	20.5
	25RB_12	2310.0	21.73	20.96	19.54			
	25RB_0	2310.0	**21.76**	20.92	19.51			
	50RB_0	2310.0	21.90	20.80	19.62			

Power Level C1								
LTE Band 30			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2312.5	15.61	14.37	13.30	**16.5**	**15.5**	**14.5**
		2310.0	15.80	14.51	13.22			
		2307.5	15.80	14.51	13.49			
	1RB_12	2312.5	15.63	14.32	13.26			
		2310.0	15.81	14.50	13.22			
		2307.5	15.79	14.50	13.50			
	1RB_0	2312.5	15.66	14.31	13.31			
		2310.0	15.78	14.46	13.26			
		2307.5	15.75	14.55	13.51			
	12RB_13	2312.5	14.49	13.55	12.71	**15.5**	**14.5**	**13.5**
		2310.0	14.53	13.56	12.69			
		2307.5	14.53	13.62	12.68			
	12RB_6	2312.5	14.50	13.49	12.74			
		2310.0	14.47	13.57	12.63			
		2307.5	14.57	13.59	12.73			
	12RB_0	2312.5	14.51	13.51	12.74			
		2310.0	14.47	13.56	12.65			
		2307.5	14.54	13.61	12.74			
	25RB_0	2312.5	14.50	13.52	12.77			
		2310.0	14.47	13.58	12.68			
		2307.5	14.57	13.63	12.72			

Power Level C1								
LTE Band 30			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2310.0	15.63	14.33	13.30	16.5	15.5	14.5
	1RB_24	2310.0	**15.78**	14.49	13.24			
	1RB_0	2310.0	15.78	14.54	13.48			
	25RB_25	2310.0	14.49	13.52	12.73	15.5	14.5	13.5
	25RB_12	2310.0	14.50	13.57	12.67			
	25RB_0	2310.0	**14.55**	13.62	12.72			
	50RB_0	2310.0	14.50	13.64	12.66			

Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	23.37	22.41	21.55	24.5	23.5	22.5
		1745.0	23.61	22.49	21.86			
		1710.7	23.51	22.30	21.52			
	1RB_3	1779.3	23.33	22.67	21.71			
		1745.0	23.56	22.67	21.73			
		1710.7	23.60	22.90	21.80			
	1RB_0	1779.3	23.78	22.68	21.55			
		1745.0	23.82	22.79	21.73			
		1710.7	23.72	22.50	21.52			
	3RB_3	1779.3	23.30	22.36	21.59			
		1745.0	23.60	22.50	21.92			
		1710.7	23.50	22.37	21.51			
	3RB_1	1779.3	23.35	22.68	21.71			
		1745.0	23.51	22.64	21.73			
		1710.7	23.62	22.90	21.84			
	3RB_0	1779.3	23.77	22.64	21.55			
		1745.0	23.81	22.80	21.76			
		1710.7	23.70	22.46	21.55			
	6RB_0	1779.3	22.68	21.85	20.56	23.5	22.5	21.5
		1745.0	22.62	21.58	20.70			
		1710.7	22.75	21.67	20.70			

Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	23.32	22.40	21.59	24.5	23.5	22.5
		1745.0	23.63	22.53	21.91			
		1711.5	23.50	22.33	21.47			
	1RB_7	1778.5	23.32	22.62	21.74			
		1745.0	23.53	22.67	21.75			
		1711.5	23.62	22.91	21.78			
	1RB_0	1778.5	23.80	22.66	21.53			
		1745.0	23.78	22.82	21.77			
		1711.5	23.68	22.50	21.58			
	8RB_7	1778.5	22.48	21.57	20.73	23.5	22.5	21.5
		1745.0	22.62	21.60	20.72			
		1711.5	22.65	21.62	20.60			
	8RB_4	1778.5	22.63	21.68	20.64			
		1745.0	22.58	21.65	20.62			
		1711.5	22.67	21.78	20.73			
	8RB_0	1778.5	22.72	21.65	20.70			
		1745.0	22.59	21.73	20.72			
		1711.5	22.68	21.83	20.64			
	15RB_0	1778.5	22.71	21.79	20.55			
		1745.0	22.67	21.52	20.69			
		1711.5	22.79	21.67	20.71			

Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	23.33	22.37	21.54	24.5	23.5	22.5
		1745.0	23.64	22.49	21.86			
		1712.5	23.43	22.34	21.47			
	1RB_12	1777.5	23.32	22.65	21.73			
		1745.0	23.55	22.64	21.72			
		1712.5	23.64	22.91	21.83			
	1RB_0	1777.5	23.79	22.63	21.50			
		1745.0	23.76	22.77	21.73			
		1712.5	23.70	22.45	21.57			
	12RB_13	1777.5	22.52	21.57	20.72	23.5	22.5	21.5
		1745.0	22.68	21.62	20.70			
		1712.5	22.61	21.59	20.65			
	12RB_6	1777.5	22.66	21.74	20.61			
		1745.0	22.59	21.66	20.68			
		1712.5	22.65	21.78	20.76			
	12RB_0	1777.5	22.64	21.66	20.73			
		1745.0	22.53	21.76	20.74			
		1712.5	22.63	21.79	20.71			
	25RB_0	1777.5	22.66	21.83	20.56			
		1745.0	22.61	21.58	20.68			
		1712.5	22.74	21.68	20.68			

Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	23.33	22.37	21.53	24.5	23.5	22.5
		1745.0	23.64	22.49	21.91			
		1715.0	23.46	22.32	21.48			
	1RB_24	1775.0	23.31	22.63	21.75			
		1745.0	23.56	22.65	21.71			
		1715.0	23.61	22.90	21.81			
	1RB_0	1775.0	23.84	22.67	21.54			
		1745.0	23.81	22.80	21.72			
		1715.0	23.72	22.50	21.58			
	25RB_25	1775.0	22.52	21.56	20.71	23.5	22.5	21.5
		1745.0	22.63	21.59	20.73			
		1715.0	22.64	21.64	20.60			
	25RB_12	1775.0	22.64	21.74	20.65			
		1745.0	22.64	21.70	20.66			
		1715.0	22.61	21.78	20.78			
	25RB_0	1775.0	22.71	21.67	20.67			
		1745.0	22.58	21.79	20.71			
		1715.0	22.70	21.81	20.65			
	50RB_0	1775.0	22.66	21.84	20.60			
		1745.0	22.61	21.59	20.72			
		1715.0	22.73	21.67	20.74			

Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	23.34	22.41	21.58	24.5	23.5	22.5
		1745.0	23.62	22.53	21.87			
		1717.5	23.46	22.35	21.53			
	1RB_37	1772.5	23.30	22.65	21.75			
		1745.0	23.50	22.62	21.71			
		1717.5	23.62	22.83	21.82			
	1RB_0	1772.5	23.83	22.65	21.52			
		1745.0	23.82	22.78	21.76			
		1717.5	23.66	22.49	21.52			
	36RB_38	1772.5	22.54	21.55	20.67	23.5	22.5	21.5
		1745.0	22.68	21.64	20.73			
		1717.5	22.66	21.64	20.60			
	36RB_19	1772.5	22.68	21.76	20.68			
		1745.0	22.60	21.69	20.70			
		1717.5	22.61	21.78	20.70			
	36RB_0	1772.5	22.70	21.67	20.69			
		1745.0	22.56	21.78	20.75			
		1717.5	22.70	21.79	20.66			
	75RB_0	1772.5	22.72	21.81	20.55			
		1745.0	22.61	21.55	20.69			
		1717.5	22.77	21.63	20.69			

Power Level B1								
LTE Band 66			Actual output Power (dBm)			**Tune up**		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	23.34	22.37	21.56	**24.5**	**23.5**	**22.5**
		1745.0	23.61	22.49	21.88			
		1720.0	23.47	22.34	21.49			
	1RB_50	1770.0	23.34	22.65	21.74			
		1745.0	23.53	22.65	21.72			
		1720.0	23.63	22.87	21.82			
	1RB_0	1770.0	**23.80**	22.64	21.52			
		1745.0	23.79	22.79	21.74			
		1720.0	23.69	22.48	21.55			
	50RB_50	1770.0	22.52	21.55	20.70	**23.5**	**22.5**	**21.5**
		1745.0	22.64	21.62	20.70			
		1720.0	22.63	21.61	20.63			
	50RB_25	1770.0	22.66	21.72	20.64			
		1745.0	22.60	21.69	20.66			
		1720.0	22.65	21.78	20.74			
	50RB_0	1770.0	**22.68**	21.67	20.71			
		1745.0	22.56	21.75	20.72			
		1720.0	22.67	21.82	20.68			
	100RB_0	1770.0	22.68	21.83	20.56			
		1745.0	22.64	21.56	20.71			
		1720.0	22.75	21.65	20.70			

Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	18.26	17.57	16.42	19.5	18.5	17.5
		1745.0	18.41	17.23	16.34			
		1710.7	18.39	17.19	16.12			
	1RB_3	1779.3	18.31	17.05	16.05			
		1745.0	18.56	17.54	16.45			
		1710.7	18.40	17.52	16.49			
	1RB_0	1779.3	18.75	17.29	16.23			
		1745.0	18.70	17.60	16.43			
		1710.7	18.66	17.42	16.56			
	3RB_3	1779.3	18.24	17.52	16.42			
		1745.0	18.42	17.26	16.38			
		1710.7	18.46	17.20	16.14			
	3RB_1	1779.3	18.32	17.05	16.06			
		1745.0	18.57	17.56	16.47			
		1710.7	18.38	17.48	16.46			
	3RB_0	1779.3	18.75	17.29	16.29			
		1745.0	18.73	17.58	16.48			
		1710.7	18.67	17.42	16.59			
	6RB_0	1779.3	17.47	16.44	15.37	18.5	17.5	16.5
		1745.0	17.58	16.41	15.50			
		1710.7	17.65	16.50	15.43			

Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	18.31	17.58	16.41	19.5	18.5	17.5
		1745.0	18.43	17.24	16.37			
		1711.5	18.45	17.13	16.13			
	1RB_7	1778.5	18.29	17.05	15.99			
		1745.0	18.56	17.57	16.48			
		1711.5	18.41	17.50	16.48			
	1RB_0	1778.5	18.73	17.33	16.29			
		1745.0	18.74	17.59	16.47			
		1711.5	18.63	17.41	16.56			
	8RB_7	1778.5	17.33	16.36	15.34	18.5	17.5	16.5
		1745.0	17.41	16.38	15.48			
		1711.5	17.50	16.45	15.60			
	8RB_4	1778.5	17.45	16.42	15.48			
		1745.0	17.49	16.45	15.81			
		1711.5	17.51	16.63	15.58			
	8RB_0	1778.5	17.54	16.37	15.65			
		1745.0	17.44	16.49	15.78			
		1711.5	17.54	16.48	15.96			
	15RB_0	1778.5	17.51	16.45	15.42			
		1745.0	17.63	16.43	15.48			
		1711.5	17.61	16.48	15.41			

Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	18.30	17.52	16.42	19.5	18.5	17.5
		1745.0	18.44	17.24	16.36			
		1712.5	18.41	17.19	16.14			
	1RB_12	1777.5	18.27	17.07	16.05			
		1745.0	18.58	17.54	16.45			
		1712.5	18.40	17.47	16.46			
	1RB_0	1777.5	18.76	17.26	16.26			
		1745.0	18.72	17.63	16.43			
		1712.5	18.69	17.42	16.58			
	12RB_13	1777.5	17.28	16.40	15.37	18.5	17.5	16.5
		1745.0	17.47	16.37	15.43			
		1712.5	17.49	16.48	15.59			
	12RB_6	1777.5	17.46	16.46	15.48			
		1745.0	17.47	16.43	15.77			
		1712.5	17.49	16.62	15.55			
	12RB_0	1777.5	17.53	16.35	15.65			
		1745.0	17.47	16.57	15.76			
		1712.5	17.47	16.49	15.98			
	25RB_0	1777.5	17.55	16.42	15.44			
		1745.0	17.61	16.44	15.52			
		1712.5	17.60	16.48	15.40			

Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	18.24	17.57	16.40	19.5	18.5	17.5
		1745.0	18.38	17.24	16.38			
		1715.0	18.42	17.13	16.16			
	1RB_24	1775.0	18.28	17.08	15.98			
		1745.0	18.56	17.52	16.50			
		1715.0	18.37	17.50	16.46			
	1RB_0	1775.0	18.77	17.32	16.27			
		1745.0	18.74	17.64	16.49			
		1715.0	18.67	17.44	16.58			
	25RB_25	1775.0	17.33	16.39	15.33	18.5	17.5	16.5
		1745.0	17.48	16.42	15.45			
		1715.0	17.46	16.41	15.57			
	25RB_12	1775.0	17.45	16.45	15.47			
		1745.0	17.48	16.43	15.80			
		1715.0	17.51	16.67	15.58			
	25RB_0	1775.0	17.52	16.39	15.65			
		1745.0	17.47	16.49	15.80			
		1715.0	17.51	16.54	16.00			
	50RB_0	1775.0	17.51	16.44	15.41			
		1745.0	17.66	16.41	15.49			
		1715.0	17.57	16.53	15.38			

Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	18.32	17.55	16.40	19.5	18.5	17.5
		1745.0	18.42	17.23	16.39			
		1717.5	18.45	17.18	16.14			
	1RB_37	1772.5	18.28	17.07	16.01			
		1745.0	18.52	17.52	16.49			
		1717.5	18.41	17.49	16.53			
	1RB_0	1772.5	18.71	17.26	16.24			
		1745.0	18.69	17.63	16.47			
		1717.5	18.64	17.41	16.54			
	36RB_38	1772.5	17.33	16.38	15.35	18.5	17.5	16.5
		1745.0	17.40	16.38	15.46			
		1717.5	17.44	16.40	15.57			
	36RB_19	1772.5	17.42	16.42	15.53			
		1745.0	17.51	16.40	15.75			
		1717.5	17.49	16.63	15.57			
	36RB_0	1772.5	17.50	16.32	15.65			
		1745.0	17.47	16.50	15.80			
		1717.5	17.47	16.48	15.99			
	75RB_0	1772.5	17.52	16.39	15.42			
		1745.0	17.61	16.44	15.48			
		1717.5	17.57	16.55	15.44			

Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	18.28	17.55	16.39	19.5	18.5	17.5
		1745.0	18.40	17.26	16.36			
		1720.0	18.43	17.17	16.16			
	1RB_50	1770.0	18.30	17.08	16.02			
		1745.0	18.56	17.55	16.48			
		1720.0	18.41	17.48	16.50			
	1RB_0	1770.0	**18.74**	17.30	16.27			
		1745.0	18.73	17.60	16.46			
		1720.0	18.65	17.42	16.57			
	50RB_50	1770.0	17.32	16.38	15.36	18.5	17.5	16.5
		1745.0	17.44	16.40	15.45			
		1720.0	17.46	16.44	15.57			
	50RB_25	1770.0	17.43	16.42	15.50			
		1745.0	17.45	16.43	15.79			
		1720.0	17.49	16.64	15.58			
	50RB_0	1770.0	**17.52**	16.36	15.61			
		1745.0	17.47	16.53	15.79			
		1720.0	17.50	16.51	15.97			
	100RB_0	1770.0	17.51	16.41	15.40			
		1745.0	17.62	16.41	15.51			
		1720.0	17.61	16.51	15.40			

Power Level B1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	695.5	23.79	22.83	21.92	25.0	24.0	23.0
		680.5	23.92	22.94	21.77			
		665.5	23.74	23.01	21.89			
	1RB_12	695.5	23.96	22.86	21.84			
		680.5	23.97	22.88	21.92			
		665.5	23.70	22.76	21.91			
	1RB_0	695.5	23.71	22.95	21.85			
		680.5	23.60	22.68	21.96			
		665.5	23.67	22.86	21.91			
	12RB_13	695.5	22.88	21.89	20.92	24.0	23.0	22.0
		680.5	22.89	21.95	20.82			
		665.5	22.85	21.91	20.93			
	12RB_6	695.5	22.93	21.91	20.94			
		680.5	22.88	21.81	20.88			
		665.5	22.83	21.91	20.92			
	12RB_0	695.5	22.79	21.82	20.86			
		680.5	22.90	21.90	20.92			
		665.5	22.75	21.73	20.74			
	25RB_0	695.5	22.84	21.91	20.80			
		680.5	22.87	21.78	20.92			
		665.5	22.97	21.83	20.80			

Power Level B1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	693.0	23.81	22.85	21.95	25.0	24.0	23.0
		680.5	23.91	22.95	21.84			
		668.0	23.75	22.97	21.92			
	1RB_24	693.0	23.97	22.88	21.88			
		680.5	23.92	22.88	21.90			
		668.0	23.73	22.80	21.88			
	1RB_0	693.0	23.72	22.89	21.80			
		680.5	23.57	22.72	21.98			
		668.0	23.72	22.83	21.84			
	25RB_25	693.0	22.86	21.87	20.88	24.0	23.0	22.0
		680.5	22.86	21.94	20.81			
		668.0	22.83	21.91	20.93			
	25RB_12	693.0	22.87	21.85	21.00			
		680.5	22.93	21.81	20.92			
		668.0	22.84	21.87	21.00			
	25RB_0	693.0	22.80	21.85	20.85			
		680.5	22.90	21.85	20.88			
		668.0	22.71	21.72	20.72			
	50RB_0	693.0	22.81	21.91	20.81			
		680.5	22.91	21.79	20.90			
		668.0	22.93	21.84	20.77			

Power Level B1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	690.5	23.77	22.84	21.99	25.0	24.0	23.0
		680.5	23.94	22.97	21.84			
		670.5	23.74	22.98	21.87			
	1RB_37	690.5	23.94	22.90	21.85			
		680.5	23.92	22.91	21.85			
		670.5	23.69	22.82	21.91			
	1RB_0	690.5	23.76	22.95	21.78			
		680.5	23.59	22.67	21.96			
		670.5	23.72	22.85	21.87			
	36RB_38	690.5	22.90	21.89	20.90	24.0	23.0	22.0
		680.5	22.87	21.95	20.78			
		670.5	22.88	21.93	20.95			
	36RB_19	690.5	22.92	21.87	21.00			
		680.5	22.89	21.86	20.87			
		670.5	22.83	21.90	20.92			
	36RB_0	690.5	22.79	21.83	20.85			
		680.5	22.85	21.89	20.94			
		670.5	22.72	21.72	20.70			
	75RB_0	690.5	22.82	21.93	20.77			
		680.5	22.88	21.80	20.89			
		670.5	22.99	21.85	20.79			

Power Level B1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	688.0	23.81	22.82	21.96	25.0	24.0	23.0
		683.0	23.92	22.94	21.81			
		673.0	23.71	22.98	21.91			
	1RB_50	688.0	**23.97**	22.87	21.84			
		683.0	23.96	22.91	21.88			
		673.0	23.71	22.79	21.90			
	1RB_0	688.0	23.73	22.91	21.81			
		683.0	23.57	22.70	21.95			
		673.0	23.69	22.83	21.88			
	50RB_50	688.0	22.87	21.87	20.90	24.0	23.0	22.0
		683.0	22.88	21.95	20.81			
		673.0	22.85	21.95	20.93			
	50RB_25	688.0	**22.91**	21.88	20.98			
		683.0	22.89	21.83	20.89			
		673.0	22.86	21.90	20.96			
	50RB_0	688.0	22.77	21.82	20.88			
		683.0	22.88	21.86	20.91			
		673.0	22.74	21.75	20.72			
	100RB_0	688.0	22.83	21.91	20.81			
		683.0	22.89	21.81	20.91			
		673.0	22.97	21.87	20.79			

Power Level C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	695.5	22.75	21.64	20.90	24.0	23.0	22.0
		680.5	22.85	21.46	20.77			
		665.5	22.90	21.55	20.78			
	1RB_12	695.5	22.96	21.79	20.87			
		680.5	23.01	21.88	20.87			
		665.5	22.91	21.83	20.94			
	1RB_0	695.5	22.54	21.76	20.95			
		680.5	22.62	21.49	20.72			
		665.5	22.66	21.60	20.66			
	12RB_13	695.5	21.90	20.92	19.78	23.0	22.0	21.0
		680.5	21.81	20.92	19.88			
		665.5	21.90	20.76	19.83			
	12RB_6	695.5	21.96	20.99	19.78			
		680.5	21.87	20.95	19.91			
		665.5	21.92	20.75	19.86			
	12RB_0	695.5	21.78	20.72	19.85			
		680.5	21.87	20.68	19.77			
		665.5	21.70	20.61	19.64			
	25RB_0	695.5	21.91	20.85	19.77			
		680.5	21.84	20.91	19.96			
		665.5	21.84	20.71	19.81			

Power Level C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	693.0	22.69	21.63	20.89	24.0	23.0	22.0
		680.5	22.90	21.47	20.76			
		668.0	22.89	21.52	20.73			
	1RB_24	693.0	22.99	21.74	20.86			
		680.5	22.97	21.92	20.85			
		668.0	22.87	21.79	20.96			
	1RB_0	693.0	22.60	21.76	20.97			
		680.5	22.62	21.52	20.76			
		668.0	22.66	21.58	20.71			
	25RB_25	693.0	21.89	20.91	19.79	23.0	22.0	21.0
		680.5	21.82	20.94	19.83			
		668.0	21.93	20.75	19.86			
	25RB_12	693.0	21.93	20.95	19.81			
		680.5	21.84	20.96	19.92			
		668.0	21.95	20.75	19.85			
	25RB_0	693.0	21.78	20.71	19.78			
		680.5	21.83	20.66	19.77			
		668.0	21.72	20.60	19.69			
	50RB_0	693.0	21.84	20.85	19.73			
		680.5	21.89	20.91	19.96			
		668.0	21.80	20.74	19.83			

Power Level C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	690.5	22.70	21.67	20.91	24.0	23.0	22.0
		680.5	22.87	21.51	20.76			
		670.5	22.88	21.55	20.76			
	1RB_37	690.5	22.97	21.77	20.83			
		680.5	22.96	21.90	20.92			
		670.5	22.88	21.83	20.98			
	1RB_0	690.5	22.56	21.69	20.96			
		680.5	22.63	21.46	20.72			
		670.5	22.65	21.55	20.72			
	36RB_38	690.5	21.82	20.89	19.78	23.0	22.0	21.0
		680.5	21.79	20.93	19.85			
		670.5	21.91	20.77	19.87			
	36RB_19	690.5	21.95	21.02	19.75			
		680.5	21.82	20.93	19.91			
		670.5	21.94	20.73	19.83			
	36RB_0	690.5	21.82	20.73	19.78			
		680.5	21.83	20.66	19.80			
		670.5	21.77	20.65	19.70			
	75RB_0	690.5	21.87	20.89	19.78			
		680.5	21.85	20.97	20.00			
		670.5	21.86	20.72	19.82			

Power Level C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	688.0	22.72	21.64	20.87	24.0	23.0	22.0
		683.0	22.86	21.50	20.80			
		673.0	22.90	21.54	20.76			
	1RB_50	688.0	**22.98**	21.77	20.86			
		683.0	22.97	21.91	20.88			
		673.0	22.91	21.81	20.95			
	1RB_0	688.0	22.57	21.73	20.98			
		683.0	22.59	21.49	20.74			
		673.0	22.63	21.56	20.69			
	50RB_50	688.0	21.86	20.88	19.75	23.0	22.0	21.0
		683.0	21.82	20.92	19.86			
		673.0	21.90	20.78	19.87			
	50RB_25	688.0	**21.93**	20.98	19.78			
		683.0	21.85	20.95	19.91			
		673.0	21.91	20.76	19.82			
	50RB_0	688.0	21.79	20.71	19.82			
		683.0	21.84	20.67	19.79			
		673.0	21.73	20.61	19.66			
	100RB_0	688.0	21.87	20.86	19.76			
		683.0	21.86	20.94	19.98			
		673.0	21.82	20.74	19.81			

Power Level B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	22.20	21.21	20.43	24.0	23.0	22.0
		2640.3	22.57	21.32	20.54			
		2593.0	22.71	21.98	20.23			
		2545.8	22.68	21.38	20.12			
		2498.5	22.29	21.36	20.46			
	1RB_12	2687.5	22.53	21.33	20.56			
		2640.3	22.70	21.51	20.72			
		2593.0	22.82	21.98	20.45			
		2545.8	23.01	21.22	20.24			
		2498.5	23.03	21.31	20.31			
	1RB_0	2687.5	22.51	21.22	20.39			
		2640.3	22.64	21.30	20.27			
		2593.0	22.55	21.37	20.23			
		2545.8	22.50	21.63	20.24			
		2498.5	22.21	21.39	20.41			
	12RB_13	2687.5	21.26	20.29	19.41	23.0	22.0	21.0
		2640.3	21.49	20.53	19.43			
		2593.0	21.87	20.80	19.88			
		2545.8	21.63	20.65	19.61			
		2498.5	21.26	20.27	19.21			
	12RB_6	2687.5	21.34	20.34	19.36			
		2640.3	21.53	20.62	19.50			
		2593.0	21.92	20.82	19.85			
		2545.8	21.60	20.70	19.60			
		2498.5	21.32	20.18	19.20			
	12RB_0	2687.5	21.38	20.46	19.40			
		2640.3	21.69	20.79	19.63			
		2593.0	21.91	20.77	19.84			
		2545.8	21.65	20.71	19.69			
		2498.5	21.92	20.18	19.16			
	25RB_0	2687.5	21.32	20.33	19.20			
		2640.3	21.61	20.69	19.49			
		2593.0	21.85	20.81	19.87			
		2545.8	21.58	20.62	19.58			
		2498.5	21.27	20.24	19.31			

Power Level B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	22.25	21.24	20.43	24.0	23.0	22.0
		2639.0	22.60	21.31	20.52			
		2593.0	22.70	21.95	20.26			
		2547.0	22.70	21.35	20.09			
		2501.0	22.27	21.36	20.45			
	1RB_24	2685.0	22.52	21.34	20.54			
		2639.0	22.73	21.48	20.73			
		2593.0	22.81	21.98	20.42			
		2547.0	23.02	21.23	20.28			
		2501.0	23.06	21.29	20.29			
	1RB_0	2685.0	22.55	21.21	20.36			
		2639.0	22.68	21.27	20.25			
		2593.0	22.56	21.38	20.23			
		2547.0	22.52	21.67	20.24			
		2501.0	22.23	21.38	20.45			
	25RB_25	2685.0	21.23	20.31	19.39	23.0	22.0	21.0
		2639.0	21.45	20.49	19.46			
		2593.0	21.88	20.79	19.87			
		2547.0	21.64	20.63	19.63			
		2501.0	21.27	20.27	19.19			
	25RB_12	2685.0	21.33	20.34	19.36			
		2639.0	21.53	20.62	19.50			
		2593.0	21.89	20.78	19.83			
		2547.0	21.64	20.67	19.58			
		2501.0	21.30	20.21	19.19			
	25RB_0	2685.0	21.39	20.50	19.36			
		2639.0	21.72	20.78	19.64			
		2593.0	21.94	20.78	19.88			
		2547.0	21.66	20.68	19.73			
		2501.0	21.92	20.16	19.13			
	50RB_0	2685.0	21.31	20.31	19.23			
		2639.0	21.63	20.65	19.47			
		2593.0	21.87	20.77	19.85			
		2547.0	21.54	20.58	19.59			
		2501.0	21.25	20.28	19.32			

Power Level B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	22.27	21.22	20.41	24.0	23.0	22.0
		2637.8	22.57	21.31	20.53			
		2593.0	22.73	21.98	20.26			
		2548.3	22.67	21.39	20.11			
		2503.5	22.31	21.32	20.47			
	1RB_37	2682.5	22.54	21.35	20.55			
		2637.8	22.72	21.54	20.69			
		2593.0	22.85	21.98	20.47			
		2548.3	22.99	21.23	20.22			
		2503.5	23.05	21.32	20.32			
	1RB_0	2682.5	22.53	21.23	20.42			
		2637.8	22.62	21.28	20.28			
		2593.0	22.59	21.38	20.20			
		2548.3	22.53	21.64	20.21			
		2503.5	22.24	21.43	20.41			
	36RB_38	2682.5	21.29	20.30	19.43	23.0	22.0	21.0
		2637.8	21.46	20.55	19.42			
		2593.0	21.89	20.83	19.89			
		2548.3	21.65	20.68	19.60			
		2503.5	21.30	20.24	19.20			
	36RB_19	2682.5	21.31	20.33	19.33			
		2637.8	21.53	20.62	19.50			
		2593.0	21.91	20.79	19.81			
		2548.3	21.57	20.70	19.63			
		2503.5	21.28	20.14	19.19			
	36RB_0	2682.5	21.40	20.44	19.41			
		2637.8	21.73	20.77	19.60			
		2593.0	21.89	20.73	19.83			
		2548.3	21.66	20.67	19.71			
		2503.5	21.94	20.17	19.17			
	75RB_0	2682.5	21.30	20.32	19.20			
		2637.8	21.59	20.72	19.52			
		2593.0	21.82	20.79	19.89			
		2548.3	21.62	20.59	19.55			
		2503.5	21.24	20.22	19.28			

Power Level B1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	22.21	21.25	20.42	24.0	23.0	22.0
		2636.5	22.55	21.32	20.53			
		2593.0	22.70	21.96	20.23			
		2549.5	22.68	21.38	20.13			
		2506.0	22.32	21.39	20.45			
	1RB_50	2680.0	22.50	21.35	20.56			
		2636.5	22.66	21.48	20.73			
		2593.0	22.83	22.00	20.46			
		2549.5	23.02	21.25	20.24			
		2506.0	**23.03**	21.32	20.31			
	1RB_0	2680.0	22.48	21.25	20.37			
		2636.5	22.65	21.33	20.25			
		2593.0	22.55	21.36	20.21			
		2549.5	22.49	21.65	20.27			
		2506.0	22.21	21.39	20.42			
	50RB_50	2680.0	21.29	20.31	19.41	23.0	22.0	21.0
		2636.5	21.49	20.54	19.47			
		2593.0	21.89	20.81	19.91			
		2549.5	21.60	20.64	19.62			
		2506.0	21.28	20.31	19.22			
	50RB_25	2680.0	21.34	20.34	19.34			
		2636.5	21.53	20.62	19.50			
		2593.0	21.93	20.84	19.85			
		2549.5	21.61	20.70	19.62			
		2506.0	21.28	20.22	19.21			
	50RB_0	2680.0	21.35	20.43	19.42			
		2636.5	21.67	20.76	19.64			
		2593.0	21.94	20.75	19.82			
		2549.5	21.62	20.68	19.69			
		2506.0	**21.95**	20.20	19.20			
	100RB_0	2680.0	21.34	20.33	19.22			
		2636.5	21.62	20.70	19.49			
		2593.0	21.84	20.84	19.83			
		2549.5	21.61	20.61	19.62			
		2506.0	21.29	20.22	19.32			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	16.38	15.41	14.33	18.0	17.0	16.0
		2640.3	16.97	15.77	14.84			
		2593.0	16.99	15.92	14.36			
		2545.8	16.82	15.87	14.35			
		2498.5	16.43	15.43	14.19			
	1RB_12	2687.5	16.66	15.48	14.34			
		2640.3	17.16	15.78	14.38			
		2593.0	17.23	15.92	14.70			
		2545.8	17.05	15.88	14.40			
		2498.5	17.36	15.46	14.29			
	1RB_0	2687.5	16.65	15.34	14.20			
		2640.3	16.63	15.71	14.52			
		2593.0	16.62	15.57	14.41			
		2545.8	16.50	15.19	14.21			
		2498.5	16.28	15.19	14.42			
	12RB_13	2687.5	15.69	14.50	13.60	17.0	16.0	15.0
		2640.3	15.87	14.85	13.67			
		2593.0	15.93	14.94	13.70			
		2545.8	15.84	14.80	13.89			
		2498.5	15.57	14.52	13.58			
	12RB_6	2687.5	15.56	14.48	13.59			
		2640.3	16.04	14.89	13.76			
		2593.0	16.07	14.89	13.87			
		2545.8	15.83	14.88	13.96			
		2498.5	15.56	14.49	13.49			
	12RB_0	2687.5	15.66	14.59	13.62			
		2640.3	16.07	14.89	13.97			
		2593.0	16.15	14.82	13.89			
		2545.8	15.99	14.83	13.96			
		2498.5	16.11	14.45	13.53			
	25RB_0	2687.5	15.62	14.53	13.49			
		2640.3	15.99	14.90	13.79			
		2593.0	16.00	14.86	13.94			
		2545.8	16.00	14.87	13.99			
		2498.5	15.51	14.56	13.60			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	16.46	15.45	14.34	18.0	17.0	16.0
		2639.0	16.90	15.70	14.81			
		2593.0	16.95	15.97	14.37			
		2547.0	16.83	15.89	14.38			
		2501.0	16.42	15.43	14.20			
	1RB_24	2685.0	16.65	15.50	14.36			
		2639.0	17.23	15.79	14.35			
		2593.0	17.22	15.99	14.74			
		2547.0	17.04	15.90	14.41			
		2501.0	17.34	15.44	14.29			
	1RB_0	2685.0	16.66	15.38	14.16			
		2639.0	16.64	15.65	14.53			
		2593.0	16.60	15.54	14.45			
		2547.0	16.44	15.18	14.21			
		2501.0	16.23	15.19	14.43			
	25RB_25	2685.0	15.64	14.55	13.61	17.0	16.0	15.0
		2639.0	15.84	14.85	13.72			
		2593.0	15.95	14.97	13.75			
		2547.0	15.86	14.78	13.91			
		2501.0	15.63	14.51	13.66			
	25RB_12	2685.0	15.50	14.47	13.56			
		2639.0	16.04	14.89	13.76			
		2593.0	16.08	14.82	13.87			
		2547.0	15.79	14.83	13.94			
		2501.0	15.57	14.56	13.47			
	25RB_0	2685.0	15.63	14.61	13.55			
		2639.0	16.07	14.87	13.96			
		2593.0	16.15	14.79	13.89			
		2547.0	15.99	14.82	13.98			
		2501.0	16.17	14.39	13.47			
	50RB_0	2685.0	15.62	14.54	13.48			
		2639.0	16.02	14.94	13.79			
		2593.0	15.99	14.90	13.96			
		2547.0	15.99	14.91	13.96			
		2501.0	15.52	14.58	13.59			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	16.51	15.40	14.35	18.0	17.0	16.0
		2637.8	16.94	15.69	14.85			
		2593.0	16.94	15.97	14.33			
		2548.3	16.88	15.86	14.36			
		2503.5	16.45	15.46	14.24			
	1RB_37	2682.5	16.62	15.47	14.39			
		2637.8	17.23	15.77	14.40			
		2593.0	17.21	15.96	14.68			
		2548.3	17.06	15.89	14.43			
		2503.5	17.35	15.50	14.29			
	1RB_0	2682.5	16.64	15.37	14.18			
		2637.8	16.68	15.72	14.50			
		2593.0	16.56	15.54	14.42			
		2548.3	16.49	15.21	14.22			
		2503.5	16.27	15.18	14.42			
	36RB_38	2682.5	15.64	14.55	13.61	17.0	16.0	15.0
		2637.8	15.82	14.87	13.72			
		2593.0	15.97	14.94	13.74			
		2548.3	15.86	14.81	13.92			
		2503.5	15.56	14.50	13.63			
	36RB_19	2682.5	15.56	14.52	13.59			
		2637.8	16.04	14.89	13.76			
		2593.0	16.13	14.87	13.88			
		2548.3	15.80	14.87	13.92			
		2503.5	15.57	14.53	13.48			
	36RB_0	2682.5	15.63	14.62	13.61			
		2637.8	16.06	14.88	13.99			
		2593.0	16.14	14.80	13.87			
		2548.3	16.01	14.82	13.96			
		2503.5	16.11	14.44	13.51			
	75RB_0	2682.5	15.59	14.48	13.49			
		2637.8	15.98	14.93	13.80			
		2593.0	16.00	14.89	13.99			
		2548.3	15.99	14.88	13.97			
		2503.5	15.51	14.60	13.60			

Power Level C1								
LTE Band 41			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	16.34	15.44	14.35	24.0	23.0	22.0
		2636.5	16.93	15.73	14.84			
		2593.0	16.96	15.95	14.36			
		2549.5	16.85	15.87	14.37			
		2506.0	16.41	15.45	14.22			
	1RB_50	2680.0	16.63	15.49	14.35			
		2636.5	17.19	15.80	14.39			
		2593.0	17.21	15.95	14.72			
		2549.5	17.16	15.88	14.43			
		2506.0	**17.34**	15.47	14.27			
	1RB_0	2680.0	16.62	15.37	14.20			
		2636.5	16.66	15.68	14.53			
		2593.0	16.59	15.56	14.44			
		2549.5	16.47	15.22	14.24			
		2506.0	16.25	15.20	14.40			
	50RB_50	2680.0	15.60	14.53	13.61	23.0	22.0	21.0
		2636.5	15.84	14.87	13.69			
		2593.0	15.96	14.96	13.73			
		2549.5	15.86	14.81	13.90			
		2506.0	15.59	14.54	13.62			
	50RB_25	2680.0	15.54	14.50	13.59			
		2636.5	16.04	14.89	13.76			
		2593.0	16.11	14.86	13.87			
		2549.5	15.79	14.86	13.94			
		2506.0	15.56	14.52	13.50			
	50RB_0	2680.0	15.63	14.61	13.59			
		2636.5	16.05	14.88	13.95			
		2593.0	16.12	14.83	13.87			
		2549.5	16.00	14.85	13.94			
		2506.0	**16.13**	14.42	13.49			
	100RB_0	2680.0	15.62	14.52	13.51			
		2636.5	16.00	14.94	13.81			
		2593.0	16.01	14.89	13.96			
		2549.5	16.02	14.88	13.98			
		2506.0	15.53	14.59	13.57			

10.4. Bluetooth and WLAN Measurement result

Table 10.4: The conducted Power measurement results for Bluetooth

Averaged Power (dBm)				
Mode	**Tune up**	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	**11.5**	10.05	9.85	**10.52**
EDR2M-4_DQPSK	**10.0**	9.02	8.89	8.52
EDR3M-8DPSK	**10.0**	9.39	9.26	8.87
/	**/**	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	**6.0**	4.83	5.06	4.80

Table 10.5: The conducted Power measurement results for WLAN 2.4GHz

Averaged Power (dBm) Duty Cycle: **100%**				
Mode	**Tune up**	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	**16.5**	15.47	15.68	**15.76**
802.11g	**16.0**	14.85	15.21	15.24
802.11n(20MHz)	**15.0**	13.64	14.03	14.01
/	**/**	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	**15.0**	13.83	14.04	13.65

Table 10.6: The conducted Power measurement results for WLAN 5GHz

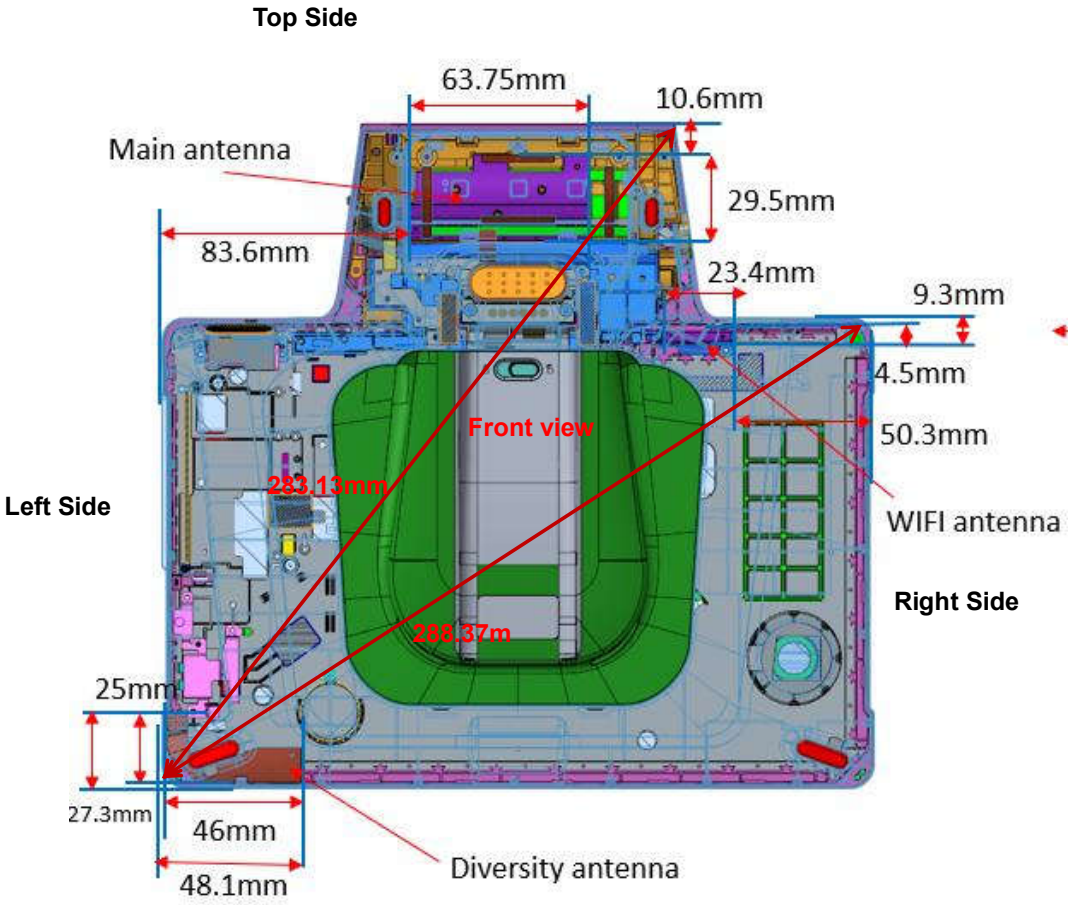
Averaged Power (dBm) Duty Cycle: **100%**								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	**15.0**	**14.0**	**14.0**	**/**	**14.0**	**12.5**	**/**	**11.5**
36(5180MHz)	14.16	13.22	13.14	38(5190MHz)	13.14	11.42	42(5210MHz)	10.42
40(5200MHz)	14.31	13.23	13.26	46(5230MHz)	13.23	11.45	/	/
44(5220MHz)	14.19	13.37	13.32	/	/	/	/	/
48(5240MHz)	13.89	13.08	13.11	/	/	/	/	/
<U-NII-2A>								
Tune up	**15.0**	**14.0**	**14.0**	**/**	**14.0**	**12.5**	**/**	**11.5**
52(5260MHz)	13.97	13.14	13.17	54(5270MHz)	12.99	11.19	58(5290MHz)	10.16
56(5280MHz)	13.93	13.12	13.13	62(5310MHz)	12.94	11.20	/	/
60(5300MHz)	13.91	13.03	13.06	/	/	/	/	/
64(5320MHz)	**14.01**	13.19	13.19	/	/	/	/	/
<U-NII-2C>								
Tune up	**16.0**	**15.0**	**15.0**	/	**15.0**	**13.5**	/	**12.5**
100(5500MHz)	**14.85**	14.02	13.99	102(5510MHz)	13.96	12.18	106(5530MHz)	11.20
116(5580MHz)	14.71	13.89	13.87	110(5550MHz)	13.93	12.21	122(5610MHz)	10.99
124(5620MHz)	14.58	13.75	13.78	126(5630MHz)	13.73	12.02	138(5690MHz)	10.91
132(5660MHz)	14.67	13.80	13.83	134(5670MHz)	13.75	12.00	/	/
140(5700MHz)	14.74	13.93	13.86	142(5710MHz)	13.83	12.06	/	/
144(5720MHz)	14.69	13.87	13.81	/	/	/	/	/
<U-NII-3>								
Tune up	**11.0**	**11.0**	**11.0**	/	**11.0**	**11.0**	/	**11.0**
149(5745MHz)	10.09	9.98	10.02	151(5755MHz)	9.95	9.84	155(5775MHz)	**9.84**
157(5785MHz)	10.12	10.01	10.05	159(5795MHz)	9.41	9.37	/	/
165(5825MHz)	9.45	9.38	9.39	/	/	/	/	/

11. Simultaneous TX SAR Considerations

11.1. Introduction

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

11.2. Transmit Antenna Separation Distances



Picture 11.1 Antenna Locations (Front View)

12. Evaluation of Simultaneous

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

Table 12.6: Maximum Simultaneous Transmission SAR

/	Position	Sum (W/kg)
Highest SAR value for Body	Rear Side (LTE Band 7 + WLAN 5GHz, LTE Band 7 + WLAN 5GHz + Bluetooth)	**1.56**

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

Conclusion:

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

13. Summary of Test Results

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

The calculated SAR is obtained by the following formula:

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

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

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

Note:

Configuration 1: C1

Configuration 2: C2

Duty Cycle

Mode	Duty Cycle
GPRS	1:2.67
WCDMA	1:1
FDD_LTE	1:1
TDD_LTE	1:1.58
Bluetooth	1:1
WLAN	1:1

13.1. Testing Environment

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

13.2. SAR results

Table 13.1: GSM 850 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	GSM850	190	836.6	GPRS(3TX)	Front	0mm	\	\	29.97	31.0	0.045	**0.06**	0.029	**0.04**	0.03
B1	Body	GSM850	190	836.6	GPRS(3TX)	Front-printer	0mm	\	\	29.97	31.0	0.141	**0.18**	0.081	**0.10**	0.05
C1	Body	GSM850	190	836.6	GPRS(3TX)	Rear	0mm	\	\	25.88	26.0	0.858	**0.88**	0.530	**0.54**	0.19
B1	Body	GSM850	190	836.6	GPRS(3TX)	Left	0mm	\	\	29.97	31.0	0.085	**0.11**	0.055	**0.07**	0.02
B1	Body	GSM850	190	836.6	GPRS(3TX)	Right	0mm	\	\	29.97	31.0	0.063	**0.08**	0.045	**0.06**	0.05
C1	Body	GSM850	190	836.6	GPRS(3TX)	Top	0mm	\	\	25.88	26.0	0.159	**0.16**	0.111	**0.11**	0.11
B1	Body	GSM850	190	836.6	GPRS(3TX)	Bottom	0mm	\	\	29.97	31.0	0.018	**0.02**	0.011	**0.01**	0.01
C1	Body	GSM850	251	848.8	GPRS(3TX)	Rear	0mm	\	**1**	25.86	26.0	**0.983**	1.02	0.587	**0.61**	0.07
C1	Body	GSM850	128	824.2	GPRS(3TX)	Rear	0mm	\	\	25.69	26.0	0.730	**0.78**	0.472	**0.51**	0.17
B1	Body	GSM850	190	836.6	GPRS(3TX)	Rear	24mm	\	\	29.97	31.0	0.136	**0.17**	0.091	**0.12**	0.04
B1	Body	GSM850	190	836.6	GPRS(3TX)	Top	19mm	\	\	29.97	31.0	0.097	**0.12**	0.067	**0.09**	0.08
C1	Body	GSM850	251	848.8	GPRS(3TX)	Rear	0mm	C1	\	25.86	26.0	0.921	**0.95**	0.496	**0.51**	0.01
C1	Body	GSM850	251	848.8	GPRS(3TX)	Rear	0mm	C2	\	25.86	26.0	0.893	**0.92**	0.481	**0.50**	0.06

Table 13.2: WCDMA Band 2 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Front	0mm	\	\	23.39	24.5	0.016	**0.02**	0.009	**0.01**	0.08
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Front-printer	0mm	\	\	23.39	24.5	0.056	**0.07**	0.033	**0.04**	0.05
C1	Body	WCDMA Band 2	9400	1880.0	RMC	Rear	0mm	\	**2**	17.57	18.5	**0.991**	1.23	0.562	**0.70**	0.01
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Left	0mm	\	\	23.39	24.5	0.013	**0.02**	0.007	**0.01**	0.03
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Right	0mm	\	\	23.39	24.5	0.082	**0.11**	0.049	**0.06**	0.01
C1	Body	WCDMA Band 2	9400	1880.0	RMC	Top	0mm	\	\	17.57	18.5	0.070	**0.09**	0.042	**0.05**	0.02
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Bottom	0mm	\	\	23.39	24.5	0.014	**0.02**	0.009	**0.01**	0.06
C1	Body	WCDMA Band 2	9538	1908.0	RMC	Rear	0mm	\	\	17.55	18.5	0.893	**1.11**	0.506	**0.63**	-0.06
C1	Body	WCDMA Band 2	9262	1852.4	RMC	Rear	0mm	\	\	17.49	18.5	0.978	**1.23**	0.559	**0.71**	-0.08
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Rear	24mm	\	\	23.39	24.5	0.470	**0.61**	0.301	**0.39**	0.06
B1	Body	WCDMA Band 2	9400	1880.0	RMC	Top	19mm	\	\	23.39	24.5	0.128	**0.17**	0.083	**0.11**	0.02
C1	Body	WCDMA Band 2	9400	1880.0	RMC	Rear	0mm	C1	\	17.57	18.5	0.938	**1.16**	0.468	**0.58**	0.04
C1	Body	WCDMA Band 2	9400	1880.0	RMC	Rear	0mm	C2	\	17.57	18.5	0.926	**1.15**	0.492	**0.61**	0.06

Table 13.3: WCDMA Band 4 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Front	0mm	\	\	23.86	24.5	0.011	**0.01**	0.006	**0.01**	0.03
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Front-printer	0mm	\	\	23.86	24.5	0.026	**0.03**	0.016	**0.02**	0.01
C1	Body	WCDMA Band 4	1413	1732.6	RMC	Rear	0mm	\	\	17.49	18.5	0.848	**1.07**	0.466	**0.59**	0.05
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Left	0mm	\	\	23.86	24.5	0.010	**0.01**	0.006	**0.01**	0.02
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Right	0mm	\	\	23.86	24.5	0.070	**0.08**	0.041	**0.05**	0.06
C1	Body	WCDMA Band 4	1413	1732.6	RMC	Top	0mm	\	\	17.49	18.5	0.069	**0.09**	0.041	**0.05**	0.09
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Bottom	0mm	\	\	23.86	24.5	0.026	**0.03**	0.016	**0.02**	0.02
C1	Body	WCDMA Band 4	1513	1752.6	RMC	Rear	0mm	\	**3**	17.45	18.5	**0.956**	1.22	0.504	**0.64**	0.05
C1	Body	WCDMA Band 4	1312	1712.4	RMC	Rear	0mm	\	\	17.38	18.5	0.840	**1.09**	0.461	**0.60**	-0.12
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Rear	24mm	\	\	23.86	24.5	0.406	**0.47**	0.263	**0.30**	0.11
B1	Body	WCDMA Band 4	1413	1732.6	RMC	Top	19mm	\	\	23.86	24.5	0.097	**0.11**	0.062	**0.07**	0.08
C1	Body	WCDMA Band 4	1513	1752.6	RMC	Rear	0mm	C1	\	17.45	18.5	0.923	**1.18**	0.479	**0.61**	0.07
C1	Body	WCDMA Band 4	1513	1752.6	RMC	Rear	0mm	C2	\	17.45	18.5	0.826	**1.05**	0.439	**0.56**	-0.05

Table 13.4: WCDMA Band 5 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	WCDMA Band 5	4183	836.6	RMC	Front	0mm	\	\	23.38	24.5	0.059	**0.08**	0.038	**0.05**	0.11
B1	Body	WCDMA Band 5	4183	836.6	RMC	Front-printer	0mm	\	\	23.38	24.5	0.139	**0.18**	0.093	**0.12**	0.02
C1	Body	WCDMA Band 5	4183	836.6	RMC	Rear	0mm	\	\	21.82	22.5	0.903	**1.06**	0.537	**0.63**	-0.09
B1	Body	WCDMA Band 5	4183	836.6	RMC	Left	0mm	\	\	23.38	24.5	0.027	**0.03**	0.017	**0.02**	0.01
B1	Body	WCDMA Band 5	4183	836.6	RMC	Right	0mm	\	\	23.38	24.5	0.021	**0.03**	0.014	**0.02**	0.02
C1	Body	WCDMA Band 5	4183	836.6	RMC	Top	0mm	\	\	21.82	22.5	0.112	**0.13**	0.078	**0.09**	0.03
B1	Body	WCDMA Band 5	4183	836.6	RMC	Bottom	0mm	\	\	23.38	24.5	0.015	**0.02**	0.011	**0.01**	0.07
C1	Body	WCDMA Band 5	4233	846.6	RMC	Rear	0mm	\	**4**	21.73	22.5	**0.916**	1.09	0.546	**0.65**	0.09
C1	Body	WCDMA Band 5	4132	826.4	RMC	Rear	0mm	\	\	21.90	22.5	0.816	**0.94**	0.481	**0.55**	0.09
B1	Body	WCDMA Band 5	4183	836.6	RMC	Rear	24mm	\	\	23.38	24.5	0.078	**0.10**	0.054	**0.07**	-0.02
B1	Body	WCDMA Band 5	4183	836.6	RMC	Top	19mm	\	\	23.38	24.5	0.063	**0.08**	0.043	**0.06**	0.11
C1	Body	WCDMA Band 5	4233	846.6	RMC	Rear	0mm	C1	\	21.73	22.5	0.828	**0.99**	0.456	**0.54**	0.17
C1	Body	WCDMA Band 5	4233	846.6	RMC	Rear	0mm	C2	\	21.73	22.5	0.906	**1.08**	0.520	**0.62**	0.14

Table 13.5: LTE Band 7 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	LTE Band 7	20850	2510.0	1RB99	Front	0mm	\	\	23.59	24.5	0.034	**0.04**	0.019	**0.02**	0.08
B1	Body	LTE Band 7	20850	2510.0	50RB50	Front	0mm	\	\	22.74	23.5	0.026	**0.03**	0.016	**0.02**	0.05
B1	Body	LTE Band 7	20850	2510.0	1RB99	Front-printer	0mm	\	\	23.59	24.5	0.180	**0.22**	0.104	**0.13**	0.13
B1	Body	LTE Band 7	20850	2510.0	50RB50	Front-printer	0mm	\	\	22.74	23.5	0.201	**0.24**	0.094	**0.11**	0.06
C1	Body	LTE Band 7	20850	2510.0	1RB99	Rear	0mm	\	\	15.49	16.5	1.060	**1.34**	0.536	**0.68**	0.05
C1	Body	LTE Band 7	20850	2510.0	50RB50	Rear	0mm	\	\	14.47	15.5	0.747	**0.95**	0.361	**0.46**	0.04
B1	Body	LTE Band 7	20850	2510.0	1RB99	Left	0mm	\	\	23.59	24.5	0.033	**0.04**	0.020	**0.02**	0.09
B1	Body	LTE Band 7	20850	2510.0	50RB50	Left	0mm	\	\	22.74	23.5	0.024	**0.03**	0.014	**0.02**	0.02
B1	Body	LTE Band 7	20850	2510.0	1RB99	Right	0mm	\	\	23.59	24.5	0.027	**0.03**	0.014	**0.02**	0.02
B1	Body	LTE Band 7	20850	2510.0	50RB50	Right	0mm	\	\	22.74	23.5	0.026	**0.03**	0.015	**0.02**	0.01
C1	Body	LTE Band 7	20850	2510.0	1RB99	Top	0mm	\	\	15.49	16.5	0.214	**0.27**	0.162	**0.20**	-0.18
C1	Body	LTE Band 7	20850	2510.0	50RB50	Top	0mm	\	\	14.47	15.5	0.167	**0.21**	0.085	**0.11**	0.07
B1	Body	LTE Band 7	20850	2510.0	1RB99	Bottom	0mm	\	\	23.59	24.5	0.012	**0.01**	0.007	**0.01**	0.06
B1	Body	LTE Band 7	20850	2510.0	50RB50	Bottom	0mm	\	\	22.74	23.5	0.008	**0.01**	0.005	**0.01**	0.01
C1	Body	LTE Band 7	21350	2560.0	1RB99	Rear	0mm	\	\	15.47	16.5	0.876	**1.11**	0.415	**0.53**	-0.10
C1	Body	LTE Band 7	21100	2535.0	1RB99	Rear	0mm	\	\	15.48	16.5	0.921	**1.16**	0.437	**0.55**	0.01
C1	Body	LTE Band 7	21350	2560.0	50RB50	Rear	0mm	\	\	14.46	15.5	0.697	**0.89**	0.333	**0.42**	0.03
C1	Body	LTE Band 7	21100	2535.0	50RB50	Rear	0mm	\	\	14.38	15.5	0.739	**0.96**	0.353	**0.46**	0.11
C1	Body	LTE Band 7	20850	2510.0	100RB	Rear	0mm	\	\	14.52	15.5	0.746	**0.93**	0.363	**0.45**	0.05
B1	Body	LTE Band 7	20850	2510.0	1RB99	Rear	24mm	\	\	23.59	24.5	0.690	**0.85**	0.389	**0.48**	0.01
B1	Body	LTE Band 7	20850	2510.0	50RB50	Rear	24mm	\	\	22.74	23.5	0.616	**0.73**	0.345	**0.41**	0.07
B1	Body	LTE Band 7	20850	2510.0	1RB99	Top	19mm	\	\	23.59	24.5	0.415	**0.51**	0.242	**0.30**	0.01
B1	Body	LTE Band 7	20850	2510.0	50RB50	Top	19mm	\	\	22.74	23.5	0.344	**0.41**	0.203	**0.24**	0.18
C1	Body	LTE Band 7	20850	2510.0	1RB99	Rear	0mm	C1	**5**	15.49	16.5	**1.090**	1.38	0.516	**0.65**	-0.06
C1	Body	LTE Band 7	20850	2510.0	1RB99	Rear	0mm	C2	\	15.49	16.5	1.070	**1.35**	0.508	**0.64**	-0.07

Table 13.6: LTE Band 12 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	LTE Band 12	23130	711.0	1RB24	Front	0mm	\	\	23.90	24.5	0.283	**0.32**	0.185	**0.21**	0.07
B1	Body	LTE Band 12	23130	711.0	25RB12	Front	0mm	\	\	22.87	23.5	0.225	**0.26**	0.148	**0.17**	0.03
B1	Body	LTE Band 12	23130	711.0	1RB24	Front-printer	0mm	\	\	23.90	24.5	0.677	**0.78**	0.399	**0.46**	0.11
B1	Body	LTE Band 12	23130	711.0	25RB12	Front-printer	0mm	\	\	22.87	23.5	0.547	**0.63**	0.324	**0.37**	0.03
C1	Body	LTE Band 12	23130	711.0	1RB24	Rear	0mm	\	\	22.80	23.5	0.930	**1.09**	0.583	**0.68**	0.09
C1	Body	LTE Band 12	23130	711.0	25RB12	Rear	0mm	\	\	21.74	22.5	0.643	**0.77**	0.427	**0.51**	0.06
B1	Body	LTE Band 12	23130	711.0	1RB24	Left	0mm	\	\	23.90	24.5	0.010	**0.01**	0.008	**0.01**	0.05
B1	Body	LTE Band 12	23130	711.0	25RB12	Left	0mm	\	\	22.87	23.5	0.008	**0.01**	0.005	**0.01**	0.09
B1	Body	LTE Band 12	23130	711.0	1RB24	Right	0mm	\	\	23.90	24.5	0.034	**0.04**	0.024	**0.03**	0.03
B1	Body	LTE Band 12	23130	711.0	25RB12	Right	0mm	\	\	22.87	23.5	0.033	**0.04**	0.023	**0.03**	0.13
C1	Body	LTE Band 12	23130	711.0	1RB24	Top	0mm	\	\	22.80	23.5	0.146	**0.17**	0.101	**0.12**	0.16
C1	Body	LTE Band 12	23130	711.0	25RB12	Top	0mm	\	\	21.74	22.5	0.117	**0.14**	0.080	**0.10**	0.17
B1	Body	LTE Band 12	23130	711.0	1RB24	Bottom	0mm	\	\	23.90	24.5	0.011	**0.01**	0.008	**0.01**	0.06
B1	Body	LTE Band 12	23130	711.0	25RB12	Bottom	0mm	\	\	22.87	23.5	0.009	**0.01**	0.006	**0.01**	0.08
C1	Body	LTE Band 12	23095	707.5	1RB24	Rear	0mm	\	**6**	22.79	23.5	**0.983**	1.16	0.615	**0.72**	0.02
C1	Body	LTE Band 12	23060	704.0	1RB24	Rear	0mm	\	\	22.77	23.5	0.923	**1.09**	0.579	**0.68**	-0.11
C1	Body	LTE Band 12	23095	707.5	25RB12	Rear	0mm	\	\	21.71	22.5	0.682	**0.82**	0.460	**0.55**	-0.08
C1	Body	LTE Band 12	23060	704.0	25RB12	Rear	0mm	\	\	21.72	22.5	0.716	**0.86**	0.488	**0.58**	-0.01
C1	Body	LTE Band 12	23060	704.0	50RB	Rear	0mm	\	\	21.75	22.5	0.733	**0.87**	0.480	**0.57**	0.08
B1	Body	LTE Band 12	23130	711.0	1RB24	Rear	24mm	\	\	23.90	24.5	0.131	**0.15**	0.087	**0.10**	0.02
B1	Body	LTE Band 12	23130	711.0	25RB12	Rear	24mm	\	\	22.87	23.5	0.105	**0.12**	0.070	**0.08**	0.05
B1	Body	LTE Band 12	23130	711.0	1RB24	Top	19mm	\	\	23.90	24.5	0.103	**0.12**	0.071	**0.08**	0.02
B1	Body	LTE Band 12	23130	711.0	25RB12	Top	19mm	\	\	22.87	23.5	0.083	**0.10**	0.057	**0.07**	0.15
C1	Body	LTE Band 12	23095	707.5	1RB24	Rear	0mm	C1	\	22.79	23.5	0.491	**0.58**	0.236	**0.28**	0.16
C1	Body	LTE Band 12	23095	707.5	1RB24	Rear	0mm	C2	\	22.79	23.5	0.394	**0.46**	0.220	**0.26**	0.04

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

Table 13.7: LTE Band 13 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	LTE Band 13	23230	782.0	1RB24	Front	0mm	\	\	23.98	24.5	0.144	**0.16**	0.097	**0.11**	0.03
B1	Body	LTE Band 13	23230	782.0	25RB12	Front	0mm	\	\	22.87	23.5	0.111	**0.13**	0.075	**0.09**	0.11
B1	Body	LTE Band 13	23230	782.0	1RB24	Front-printer	0mm	\	\	23.98	24.5	0.331	**0.37**	0.198	**0.22**	0.02
B1	Body	LTE Band 13	23230	782.0	25RB12	Front-printer	0mm	\	\	22.87	23.5	0.223	**0.26**	0.142	**0.16**	0.08
B1	Body	LTE Band 13	23230	782.0	1RB24	Rear	0mm	\	**7**	23.98	24.5	**0.739**	**0.83**	0.455	**0.51**	0.19
B1	Body	LTE Band 13	23230	782.0	25RB12	Rear	0mm	\	\	22.87	23.5	0.506	**0.58**	0.340	**0.39**	-0.07
B1	Body	LTE Band 13	23230	782.0	1RB24	Left	0mm	\	\	23.98	24.5	0.005	**0.01**	0.003	**0.00**	0.02
B1	Body	LTE Band 13	23230	782.0	25RB12	Left	0mm	\	\	22.87	23.5	0.004	**0.00**	0.002	**0.00**	0.06
B1	Body	LTE Band 13	23230	782.0	1RB24	Right	0mm	\	\	23.98	24.5	0.012	**0.01**	0.007	**0.01**	0.06
B1	Body	LTE Band 13	23230	782.0	25RB12	Right	0mm	\	\	22.87	23.5	0.008	**0.01**	0.006	**0.01**	0.01
B1	Body	LTE Band 13	23230	782.0	1RB24	Top	0mm	\	\	23.98	24.5	0.198	**0.22**	0.132	**0.15**	-0.11
B1	Body	LTE Band 13	23230	782.0	25RB12	Top	0mm	\	\	22.87	23.5	0.153	**0.18**	0.103	**0.12**	0.08
B1	Body	LTE Band 13	23230	782.0	1RB24	Bottom	0mm	\	\	23.98	24.5	0.012	**0.01**	0.008	**0.01**	0.12
B1	Body	LTE Band 13	23230	782.0	25RB12	Bottom	0mm	\	\	22.87	23.5	0.009	**0.01**	0.005	**0.01**	0.04
B1	Body	LTE Band 13	23230	782.0	50RB0	Rear	0mm	\	\	22.79	23.5	0.513	**0.60**	0.339	**0.40**	-0.14
B1	Body	LTE Band 13	23230	782.0	1RB24	Rear	0mm	C1	\	23.98	24.5	0.597	**0.67**	0.352	**0.40**	0.04
B1	Body	LTE Band 13	23230	782.0	1RB24	Rear	0mm	C2	\	23.98	24.5	0.502	**0.57**	0.291	**0.33**	0.08

Table 13.8: LTE Band 14 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	LTE Band 14	23330	793.0	1RB24	Front	0mm	\	\	23.84	24.5	0.208	**0.24**	0.122	**0.14**	-0.14
B1	Body	LTE Band 14	23330	793.0	25RB25	Front	0mm	\	\	22.81	23.5	0.169	**0.20**	0.100	**0.12**	0.19
B1	Body	LTE Band 14	23330	793.0	1RB24	Front-printer	0mm	\	\	23.84	24.5	0.480	**0.56**	0.197	**0.23**	-0.17
B1	Body	LTE Band 14	23330	793.0	25RB25	Front-printer	0mm	\	\	22.81	23.5	0.279	**0.33**	0.156	**0.18**	0.13
B1	Body	LTE Band 14	23330	793.0	1RB24	Rear	0mm	\	**8**	23.84	24.5	**0.919**	**1.07**	0.529	**0.62**	0.19
B1	Body	LTE Band 14	23330	793.0	25RB25	Rear	0mm	\	\	22.81	23.5	0.751	**0.88**	0.434	**0.51**	0.17
B1	Body	LTE Band 14	23330	793.0	1RB24	Left	0mm	\	\	23.84	24.5	0.007	**0.01**	0.004	**0.00**	0.10
B1	Body	LTE Band 14	23330	793.0	25RB25	Left	0mm	\	\	22.81	23.5	0.005	**0.01**	0.003	**0.00**	-0.15
B1	Body	LTE Band 14	23330	793.0	1RB24	Right	0mm	\	\	23.84	24.5	0.014	**0.02**	0.009	**0.01**	-0.13
B1	Body	LTE Band 14	23330	793.0	25RB25	Right	0mm	\	\	22.81	23.5	0.010	**0.01**	0.006	**0.01**	-0.06
B1	Body	LTE Band 14	23330	793.0	1RB24	Top	0mm	\	\	23.84	24.5	0.275	**0.32**	0.171	**0.20**	-0.06
B1	Body	LTE Band 14	23330	793.0	25RB25	Top	0mm	\	\	22.81	23.5	0.212	**0.25**	0.131	**0.15**	-0.14
B1	Body	LTE Band 14	23330	793.0	1RB24	Bottom	0mm	\	\	23.84	24.5	0.015	**0.02**	0.009	**0.01**	-0.01
B1	Body	LTE Band 14	23330	793.0	25RB25	Bottom	0mm	\	\	22.81	23.5	0.011	**0.01**	0.006	**0.01**	0.15
B1	Body	LTE Band 14	23330	793.0	50RB0	Rear	0mm	\	\	23.84	24.5	0.659	**0.77**	0.410	**0.48**	0.06
B1	Body	LTE Band 14	23330	793.0	1RB24	Rear	0mm	C1	\	23.84	24.5	0.789	**0.92**	0.444	**0.52**	0.03
B1	Body	LTE Band 14	23330	793.0	1RB24	Rear	0mm	C2	\	23.84	24.5	0.716	**0.83**	0.411	**0.48**	0.01

Table 13.9: LTE Band 25 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	LTE Band 25	26365	1882.5	1RB0	Front	0mm	\	\	22.98	24.0	0.057	**0.07**	0.035	**0.04**	0.05
B1	Body	LTE Band 25	26365	1882.5	50RB0	Front	0mm	\	\	22.03	23.0	0.054	**0.07**	0.033	**0.04**	0.01
B1	Body	LTE Band 25	26365	1882.5	1RB0	Front-printer	0mm	\	\	22.98	24.0	0.254	**0.32**	0.149	**0.19**	0.01
B1	Body	LTE Band 25	26365	1882.5	50RB0	Front-printer	0mm	\	\	22.03	23.0	0.205	**0.26**	0.120	**0.15**	0.09
C1	Body	LTE Band 25	26365	1882.5	1RB0	Rear	0mm	\	\	17.08	18.0	0.922	**1.14**	0.528	**0.65**	-0.09
C1	Body	LTE Band 25	26365	1882.5	50RB0	Rear	0mm	\	\	16.13	17.0	0.625	**0.76**	0.356	**0.43**	-0.03
B1	Body	LTE Band 25	26365	1882.5	1RB0	Left	0mm	\	\	22.98	24.0	0.017	**0.02**	0.010	**0.01**	0.01
B1	Body	LTE Band 25	26365	1882.5	50RB0	Left	0mm	\	\	22.03	23.0	0.012	**0.02**	0.007	**0.01**	0.11
B1	Body	LTE Band 25	26365	1882.5	1RB0	Right	0mm	\	\	22.98	24.0	0.074	**0.09**	0.044	**0.06**	0.02
B1	Body	LTE Band 25	26365	1882.5	50RB0	Right	0mm	\	\	22.03	23.0	0.060	**0.08**	0.036	**0.04**	0.08
C1	Body	LTE Band 25	26365	1882.5	1RB0	Top	0mm	\	\	17.08	18.0	0.073	**0.09**	0.044	**0.05**	-0.06
C1	Body	LTE Band 25	26365	1882.5	50RB0	Top	0mm	\	\	16.13	17.0	0.057	**0.07**	0.034	**0.04**	0.06
B1	Body	LTE Band 25	26365	1882.5	1RB0	Bottom	0mm	\	\	22.98	24.0	0.033	**0.04**	0.021	**0.03**	0.07
B1	Body	LTE Band 25	26365	1882.5	50RB0	Bottom	0mm	\	\	22.03	23.0	0.026	**0.03**	0.016	**0.02**	0.02
C1	Body	LTE Band 25	26590	1905.0	1RB0	Rear	0mm	\	\	17.02	18.0	0.893	**1.12**	0.510	**0.64**	-0.08
C1	Body	LTE Band 25	26140	1860.0	1RB0	Rear	0mm	\	**9**	17.02	18.0	**0.937**	**1.17**	0.539	**0.68**	0.01
C1	Body	LTE Band 25	26590	1905.0	50RB0	Rear	0mm	\	\	15.86	17.0	0.617	**0.80**	0.348	**0.45**	0.07
C1	Body	LTE Band 25	26140	1860.0	50RB0	Rear	0mm	\	\	15.98	17.0	0.644	**0.81**	0.363	**0.46**	0.04
C1	Body	LTE Band 25	26140	1860.0	100RB	Rear	0mm	\	\	16.07	17.0	0.637	**0.79**	0.361	**0.45**	-0.18
B1	Body	LTE Band 25	26365	1882.5	1RB0	Rear	24mm	\	\	22.98	24.0	0.491	**0.62**	0.313	**0.40**	0.15
B1	Body	LTE Band 25	26365	1882.5	50RB0	Rear	24mm	\	\	22.03	23.0	0.384	**0.48**	0.243	**0.30**	0.07
B1	Body	LTE Band 25	26365	1882.5	1RB0	Top	19mm	\	\	22.98	24.0	0.121	**0.15**	0.078	**0.10**	0.06
B1	Body	LTE Band 25	26365	1882.5	50RB0	Top	19mm	\	\	22.03	23.0	0.092	**0.12**	0.060	**0.07**	0.14
C1	Body	LTE Band 25	26140	1860.0	1RB0	Rear	0mm	C1	\	17.02	18.0	0.934	**1.17**	0.478	**0.60**	0.13
C1	Body	LTE Band 25	26140	1860.0	1RB0	Rear	0mm	C2	\	17.02	18.0	0.873	**1.09**	0.440	**0.55**	0.07

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

Table 13.10: LTE Band 26 SAR Values

Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
B1	Body	LTE Band 26	26965	841.5	1RB0	Front	0mm	\	\	23.14	24.0	0.071	**0.09**	0.044	**0.05**	0.08
B1	Body	LTE Band 26	26965	841.5	36RB38	Front	0mm	\	\	22.23	23.0	0.051	**0.06**	0.032	**0.04**	0.04
B1	Body	LTE Band 26	26965	841.5	1RB0	Front-printer	0mm	\	\	23.14	24.0	0.184	**0.22**	0.118	**0.14**	0.05
B1	Body	LTE Band 26	26965	841.5	36RB38	Front-printer	0mm	\	\	22.23	23.0	0.159	**0.19**	0.095	**0.11**	0.02
C1	Body	LTE Band 26	26965	841.5	1RB0	Rear	0mm	\	**10**	22.32	23.0	**1.080**	**1.26**	0.652	**0.76**	0.04
C1	Body	LTE Band 26	26965	841.5	36RB38	Rear	0mm	\	\	21.30	22.0	0.797	**0.94**	0.511	**0.60**	0.06
B1	Body	LTE Band 26	26965	841.5	1RB0	Left	0mm	\	\	23.14	24.0	0.025	**0.03**	0.016	**0.02**	0.03
B1	Body	LTE Band 26	26965	841.5	36RB38	Left	0mm	\	\	22.23	23.0	0.022	**0.03**	0.015	**0.02**	0.08
B1	Body	LTE Band 26	26965	841.5	1RB0	Right	0mm	\	\	23.14	24.0	0.022	**0.03**	0.015	**0.02**	0.07
B1	Body	LTE Band 26	26965	841.5	36RB38	Right	0mm	\	\	22.23	23.0	0.021	**0.02**	0.014	**0.02**	0.11
C1	Body	LTE Band 26	26965	841.5	1RB0	Top	0mm	\	\	22.32	23.0	0.106	**0.12**	0.073	**0.09**	0.11
C1	Body	LTE Band 26	26965	841.5	36RB38	Top	0mm	\	\	21.30	22.0	0.096	**0.11**	0.067	**0.08**	-0.10
B1	Body	LTE Band 26	26965	841.5	1RB0	Bottom	0mm	\	\	23.14	24.0	0.014	**0.02**	0.008	**0.01**	0.05
B1	Body	LTE Band 26	26965	841.5	36RB38	Bottom	0mm	\	\	22.23	23.0	0.011	**0.01**	0.007	**0.01**	0.02
C1	Body	LTE Band 26	26865	831.5	1RB0	Rear	0mm	\	\	22.22	23.0	1.010	**1.21**	0.591	**0.71**	-0.19
C1	Body	LTE Band 26	26765	821.5	1RB0	Rear	0mm	\	\	22.31	23.0	0.923	**1.08**	0.543	**0.64**	-0.04
C1	Body	LTE Band 26	26865	831.5	36RB38	Rear	0mm	\	\	21.24	22.0	0.759	**0.90**	0.485	**0.58**	-0.04
C1	Body	LTE Band 26	26765	821.5	36RB38	Rear	0mm	\	\	21.29	22.0	0.689	**0.81**	0.433	**0.51**	0.05
C1	Body	LTE Band 26	26865	831.5	100RB	Rear	0mm	\	\	21.21	22.0	0.698	**0.84**	0.460	**0.55**	0.18
B1	Body	LTE Band 26	26965	841.5	1RB0	Rear	24mm	\	\	23.14	24.0	0.072	**0.09**	0.048	**0.06**	0.08
B1	Body	LTE Band 26	26965	841.5	36RB38	Rear	24mm	\	\	22.23	23.0	0.064	**0.08**	0.043	**0.05**	0.13
B1	Body	LTE Band 26	26965	841.5	1RB0	Top	19mm	\	\	23.14	24.0	0.059	**0.07**	0.036	**0.04**	0.04
B1	Body	LTE Band 26	26965	841.5	36RB38	Top	19mm	\	\	22.23	23.0	0.054	**0.06**	0.036	**0.04**	0.11
C1	Body	LTE Band 26	26965	841.5	1RB0	Rear	0mm	C1	\	22.32	23.0	0.949	**1.11**	0.534	**0.62**	0.03
C1	Body	LTE Band 26	26965	841.5	1RB0	Rear	0mm	C2	\	22.32	23.0	0.993	**1.16**	0.557	**0.65**	0.04

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