



SAR TEST REPORT

Report No.: 20231017G13141X-W2
Product Name: 5G Mobile Phone
Model Name: NX769J
Trade Name: REDMAGIC
Brand Name: REDMAGIC
FCC ID: 2A9QD-NX769J
Applicant: Shenzhen Tengfei Technology Management Ltd
Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District, Shenzhen, China
Test Date: 2023/10/19~2023/11/20
Issued by: CCIC Southern Testing Co., Ltd.
Lab Location: Electronic Testing Building, No. 43 Shahe Road Xili Street, Nanshan District, Shenzhen, Guangdong 518055, China
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Test Report

Applicant: Shenzhen Tengfei Technology Management Ltd

Applicant Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District, Shenzhen, China

Manufacturer: Shenzhen Tengfei Technology Management Ltd

Manufacturer Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District, Shenzhen, China

47CFR §2.1093- Radiofrequency Radiation Exposure Evaluation: Portable Devices;

Test Standards: **ANSI C95.1-1992:** Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz. (IEEE Std C95.1-1991)

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

Test Result: Pass

Tested by: Carl Wei 2023-11-22

Carl Wei, Test Engineer

Reviewed by: Chris You 2023-11-22

Chris You, Senior Engineer

Approved by: Yang Fan 2023-11-22

Yang Fan, Manager



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1. Administrative Data

1.1 Testing Laboratory

Test Site:	CCIC Southern Testing Co., Ltd.
Address:	Electronic Testing Building, No. 43 Shahe Road Xili Street, Nanshan District, Shenzhen, Guangdong 518055, China
A2LA Lab Code:	CCIC-SET is a third party testing organization accredited by A2LA according to ISO/IEC 17025:2017. The accreditation certificate number is 5721.01
FCC Registration:	CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Designation Number: CN1283, valid time is until June.30, 2025.
ISED Registration:	CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A-1 on Aug. 04, 2016, valid time is until June.30, 2025.
Test Environment Condition:	Temperature (°C): 18 °C ~25 °C Relative Humidity (%): 35%~75% RH Atmospheric Pressure (kPa): 86KPa-106KPa

2. Equipment Under Test (EUT)

Identification of the Equipment under Test

Device type :	portable device	
Exposure category:	uncontrolled environment / general population	
Product Name:	5G Mobile Phone	
Brand Name:	REDMAGIC	
Model Name:	NX769J	
Test Band(s):	GSM850/1900, UMTS Band II/IV/V,CDMA BC0 LTE Band 2,4,5,7,12,17,26,40,41,66. 5G NR 2,5,7,26,41,77,78 ENDC DC-2A_n7A, DC-66A_n7A,DC-2A_n41A, DC-66A_n41A DC-2A_n77A, DC-5A_n77A,DC-12A_n77A, DC-66A_n77A DC-4A_n78A, DC-5A_n78A,DC-7A_n78A, DC-66A_n78A WIFI2.4G, WIFI5G (Band 1,2,3,4) ,BT	
Test modulation:	GSM(GMSK,8PSK),UMTS(QPSK), CDMA(BPSK, QPSK) LTE(QPSK/16QAM/64QAM), NR(QPSK, 16QAM, 64QAM, PI/2 BPSK, 256QAM), WI-FI 2.4G(DSSS, OFDM), WI-FI 5G(OFDM), BT(GFSK/ $\pi/4$ -DQPSK/8-DPSK)	
IMEI:	862664060009081/862664060010089 862664060009123/862664060010121 862664060009131/862664060010139	
Device Class:	B, GPRS:12, EDGE:12	
Tested frequency range(s)	transmitter frequency range	receiver frequency range
GSM 850:	824-849 MHz	869-894 MHz
GSM 1900:	1850-1910 MHz	1930-1990 MHz
CDMA BC 0:	824.70-848.31 MHz	869.70-893.31 MHz
WCDMA Band V:	824-849 MHz	869-894 MHz
WCDMA Band IV:	1710-1755 MHz	2110-2155 MHz
WCDMA Band II:	1850-1910 MHz	1930-1990 MHz
LTE Band 2:	1850-1910 MHz	1930-1990 MHz
LTE Band 4:	1710-1755 MHz	2110-2155 MHz
LTE Band 5:	824-849 MHz	869-894 MHz
LTE Band 7:	2500-2570 MHz	2620-2690 MHz
LTE Band 12:	698-716 MHz	728-746 MHz
LTE Band 17:	704-716 MHz	734-746 MHz
LTE Band 26:	814-849 MHz	859-894 MHz
LTE Band 40A:	2305-2315 MHz	
LTE Band 40B:	2350-2360 MHz	
LTE Band 41:	2496-2690 MHz	
LTE Band 66:	1710-1780 MHz	2110-2200 MHz
NR Band 2:	1850-1910 MHz	1930-1990 MHz
NR Band 5:	824-849 MHz	869-894 MHz
NR Band 7:	2500-2570 MHz	2620-2690 MHz
NR Band 26:	814-849 MHz	859-894 MHz



NR Band 41:	2496-2690 MHz	
NR Band 66:	1710-1780 MHz	2110-2200 MHz
NR Band 77:	3700-3980 MHz	
NR Band 78:	3450-3550 MHz	
Wi-Fi:	2412-2462 MHz	
	5150-5250 MHz	
	5250-5350 MHz	
	5470-5725 MHz	
	5725-5850 MHz	
Bluetooth:	2402-2480 MHz	
Antenna type :	Internal antenna	
Hotspot :	WLAN support Hotspot mode(5G WLAN only for B1 & B4)	
Battery options :	Model No.: Li3932T89P8h613487 Rated Capacity:3100mAh Rated Voltage: 7.78V Charge Limit: 8.96V Manufacturer: Dongguan Amperex Technology Limited	
MAX. SAR Value:	Head: 0.649 W/Kg(Limit:1.6W/Kg, 0mm distance) Body-worn: 0.771 W/Kg(Limit:1.6W/Kg, 10mm distance) Hotspot: 0.771 W/Kg(Limit:1.6W/Kg 10mm distance)	

Note:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. The NR band test under FTM mode
3. The same antenna for LTE and NR cannot combined on NSA mode.



3. SAR Summary

Highest Standalone SAR Summary

Exposure Position	Frequency Band	Scaled 1g-SAR(W/kg)	Highest Scaled 1g-SAR(W/kg)
Head (0mm Gap)	GSM 850 ANT 2	0.139	0.649
	GSM 850 ANT 3	0.036	
	GSM 1900 ANT 2	0.172	
	GSM 1900 ANT 4	0.133	
	CDMA BC 0 ANT 2	0.324	
	CDMA BC 0 ANT 3	0.048	
	WCDMA 850 ANT 2	0.211	
	WCDMA 850 ANT 3	0.043	
	WCDMA 1700 ANT 2	0.544	
	WCDMA 1700 ANT 4	0.036	
	WCDMA 1900 ANT 2	0.168	
	WCDMA 1900 ANT 4	0.046	
	LTE Band 2 ANT 2	0.580	
	LTE Band 2 ANT 4	0.106	
	LTE Band 4 ANT 2	0.617	
	LTE Band 4 ANT 4	0.044	
	LTE Band 5 ANT 2	0.252	
	LTE Band 5 ANT 3	0.034	
	LTE Band 7 ANT 2	0.285	
	LTE Band 7 ANT 4	0.071	
	LTE Band 12 ANT 2	0.478	
	LTE Band 12 ANT 3	0.076	
	LTE Band 17 ANT 2	0.455	
	LTE Band 17 ANT 3	0.081	
	LTE Band 26 ANT 2	0.332	
	LTE Band 26 ANT 3	0.110	
	LTE Band 40A ANT 2	0.463	
	LTE Band 40A ANT 4	0.061	
	LTE Band 40B ANT 2	0.493	
	LTE Band 40B ANT 4	0.059	
	LTE Band 41 ANT 2	0.540	
	LTE Band 41 ANT 4	0.111	
	LTE Band 66 ANT 2	0.623	
	LTE Band 66 ANT 4	0.049	
	NR Band 2 ANT 4	0.066	
	NR Band 5 ANT 2	0.032	
	NR Band 7 ANT 4	0.048	
	NR Band 26 ANT 2	0.065	



	NR Band 41 ANT 1	0.088	
	NR Band 66 ANT 4	0.042	
	NR Band 77 ANT 1	0.144	
	NR Band 78 ANT 1	0.649	
	WIFI 2.4G ANT 6	0.168	
	WIFI 2.4G ANT 7	0.287	
	WIFI 2.4G MIMO ANT 6+7	0.183	
	WIFI U-NII 1 ANT 6	0.303	
	WIFI U-NII 1 ANT 7	0.473	
	WIFI U-NII 1 MIMO ANT 6+7	0.511	
	WIFI U-NII 2a ANT 6	0.281	
	WIFI U-NII 2a ANT 7	0.318	
	WIFI U-NII 2a MIMO ANT 6+7	0.308	
	WIFI U-NII 2c ANT 6	0.272	
	WIFI U-NII 2c ANT 7	0.502	
	WIFI U-NII 2c MIMO ANT 6+7	0.412	
	WIFI U-NII 3 ANT 6	0.270	
	WIFI U-NII 3 ANT 7	0.293	
	WIFI U-NII 3 MIMO ANT 6+7	0.253	
	Bluetooth ANT 7	0.080	



Exposure Position	Frequency Band	Scaled 1g-SAR(W/kg)	Highest Scaled 1g-SAR(W/kg)
Body-worn (10mm Gap)	GSM 850 ANT 2	0.059	0.771
	GSM 850 ANT 3	0.318	
	GSM 1900 ANT 2	0.172	
	GSM 1900 ANT 4	0.077	
	CDMA BC 0 ANT 2	0.164	
	CDMA BC 0 ANT 3	0.415	
	WCDMA 850 ANT 2	0.095	
	WCDMA 850 ANT 3	0.340	
	WCDMA 1700 ANT 2	0.156	
	WCDMA 1700 ANT 4	0.119	
	WCDMA 1900 ANT 2	0.059	
	WCDMA 1900 ANT 4	0.147	
	LTE Band 2 ANT 2	0.145	
	LTE Band 2 ANT 4	0.187	
	LTE Band 4 ANT 2	0.150	
	LTE Band 4 ANT 4	0.094	
	LTE Band 5 ANT 2	0.099	
	LTE Band 5 ANT 3	0.134	
	LTE Band 7 ANT 2	0.168	
	LTE Band 7 ANT 4	0.126	
	LTE Band 12 ANT 2	0.215	
	LTE Band 12 ANT 3	0.137	
	LTE Band 17 ANT 2	0.234	
	LTE Band 17 ANT 3	0.164	
	LTE Band 26 ANT 2	0.084	
	LTE Band 26 ANT 3	0.191	
	LTE Band 40A ANT 2	0.170	
	LTE Band 40A ANT 4	0.274	
	LTE Band 40B ANT 2	0.168	
	LTE Band 40B ANT 4	0.268	
	LTE Band 41 ANT 2	0.282	
	LTE Band 41 ANT 4	0.122	
	LTE Band 66 ANT 2	0.170	
	LTE Band 66 ANT 4	0.106	
	NR Band 2 ANT 4	0.771	
	NR Band 5 ANT 2	0.044	
	NR Band 7 ANT 4	0.222	
	NR Band 26 ANT 2	0.059	
	NR Band 41 ANT 1	0.107	
	NR Band 66 ANT 4	0.186	
	NR Band 77 ANT 1	0.087	
	NR Band 78 ANT 1	0.151	



	WIFI 2.4G ANT 6	0.082	
	WIFI 2.4G ANT 7	0.107	
	WIFI 2.4G MIMO ANT 6+7	0.080	
	WIFI U-NII 1 ANT 6	0.224	
	WIFI U-NII 1 ANT 7	0.124	
	WIFI U-NII 1 MIMO ANT 6+7	0.170	
	WIFI U-NII 2a ANT 6	0.180	
	WIFI U-NII 2a ANT 7	0.167	
	WIFI U-NII 2a MIMO ANT 6+7	0.136	
	WIFI U-NII 2c ANT 6	0.170	
	WIFI U-NII 2c ANT 7	0.184	
	WIFI U-NII 2c MIMO ANT 6+7	0.147	
	WIFI U-NII 3 ANT 6	0.176	
	WIFI U-NII 3 ANT 7	0.142	
	WIFI U-NII 3 MIMO ANT 6+7	0.143	
	Bluetooth ANT 7	0.042	



Exposure Position	Frequency Band	Scaled 1g-SAR(W/kg)	Highest Scaled 1g-SAR(W/kg)
Hotspot (10mm Gap)	GSM 850 ANT 2	0.100	0.771
	GSM 850 ANT 3	0.318	
	GSM 1900 ANT 2	0.172	
	GSM 1900 ANT 4	0.077	
	CDMA BC 0 ANT 2	0.206	
	CDMA BC 0 ANT 3	0.415	
	WCDMA 850 ANT 2	0.139	
	WCDMA 850 ANT 3	0.340	
	WCDMA 1700 ANT 2	0.156	
	WCDMA 1700 ANT 4	0.119	
	WCDMA 1900 ANT 2	0.072	
	WCDMA 1900 ANT 4	0.184	
	LTE Band 2 ANT 2	0.188	
	LTE Band 2 ANT 4	0.187	
	LTE Band 4 ANT 2	0.194	
	LTE Band 4 ANT 4	0.094	
	LTE Band 5 ANT 2	0.157	
	LTE Band 5 ANT 3	0.138	
	LTE Band 7 ANT 2	0.241	
	LTE Band 7 ANT 4	0.126	
	LTE Band 12 ANT 2	0.339	
	LTE Band 12 ANT 3	0.153	
	LTE Band 17 ANT 2	0.367	
	LTE Band 17 ANT 3	0.170	
	LTE Band 26 ANT 2	0.214	
	LTE Band 26 ANT 3	0.202	
	LTE Band 40A ANT 2	0.244	
	LTE Band 40A ANT 4	0.274	
	LTE Band 40B ANT 2	0.240	
	LTE Band 40B ANT 4	0.268	
	LTE Band 41 ANT 2	0.403	
	LTE Band 41 ANT 4	0.122	
	LTE Band 66 ANT 2	0.221	
	LTE Band 66 ANT 4	0.106	
	NR Band 2 ANT 4	0.771	
	NR Band 5 ANT 2	0.052	
	NR Band 7 ANT 4	0.222	
	NR Band 26 ANT 2	0.061	
	NR Band 41 ANT 1	0.134	
	NR Band 66 ANT 4	0.186	
	NR Band 77 ANT 1	0.119	
	NR Band 78 ANT 1	0.243	



	WIFI 2.4G ANT 6	0.113	
	WIFI 2.4G ANT 7	0.107	
	WIFI 2.4G MIMO ANT 6+7	0.080	
	WIFI U-NII 1 ANT 6	0.224	
	WIFI U-NII 1 ANT 7	0.137	
	WIFI U-NII 1 MIMO ANT 6+7	0.179	
	WIFI U-NII 2a ANT 6	0.180	
	WIFI U-NII 2a ANT 7	0.167	
	WIFI U-NII 2a MIMO ANT 6+7	0.136	
	WIFI U-NII 2c ANT 6	0.170	
	WIFI U-NII 2c ANT 7	0.184	
	WIFI U-NII 2c MIMO ANT 6+7	0.147	
	WIFI U-NII 3 ANT 6	0.176	
	WIFI U-NII 3 ANT 7	0.142	
	WIFI U-NII 3 MIMO ANT 6+7	0.165	
	Bluetooth ANT 7	0.042	

Highest Simultaneous SAR Summary

Exposure Position	Highest Simultaneous 1g-SAR(W/kg)
Body Back (10mmGap)	1.033

Note:

1. The SAR limit (Head & Body: SAR_{1g} 1.6 W/kg for general population uncontrolled exposure is specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992.

4. Specific Absorption Rate (SAR)

4.1 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.

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

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

SAR is expressed in units of Watts per kilogram (W/kg)

SAR measurement can be either related to the temperature elevation in tissue by

$$\text{SAR} = C \frac{\delta T}{\delta t}$$

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

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

where σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the rms electrical field strength.

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



4.2 Applicable Standards and Limits

4.2.1 Applicable Standards

47CFR §2.1093	Radiofrequency Radiation Exposure Evaluation: Portable Devices
ANSI C95.1–1992	Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz.(IEEE Std C95.1-1991)
IEEE 1528–2013	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
KDB 248227 D01	v02r02 802.11 Wi-Fi SAR
KDB 447498 D01	v06 General RF Exposure Guidance
KDB 616217 D04	v01r02 SAR for laptop and tablets
KDB 648474 D04	v01r03 Handset SAR
KDB 865664 D01	v01r04 SAR Measurement 100MHz to 6GHz
KDB 865664 D02	v01r02 SAR Exposure Reporting
KDB 941225 D01	v03r01 3G SAR Procedures
KDB 941225 D05	v02r05 SAR for LTE Devices
KDB 941225 D05A	v01r02 LTE Rel.10 KDB Inquiry Sheet
KDB 941225 D06	v02r01 Hotspot Mode

4.2.2 RF exposure Limits

Human Exposure	Uncontrolled Environment General Population
Spatial Peak SAR* (Brain/Body)	1.60 mW/g
Spatial Average SAR** (Whole Body)	0.08 mW/g
Spatial Peak SAR*** (Limbs)	4.00 mW/g

The limit applied in this test report is shown in bold letters.

Notes:

* The Spatial Peak value of the SAR averaged over any 1 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time

** The Spatial Average value of the SAR averaged over the whole body.

*** The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

4.3 Phantoms

The phantom used for all tests i.e. for both system checks and device testing, was the twin-headed "SAM Phantom", manufactured by SATIMO. The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region, where shell thickness increases to 6mm).

System checking was performed using the flat section, whilst Head SAR tests used the left and right head profile sections. Body SAR testing also used the flat section between the head profiles.



SAM Twin Phantom

4.4 Device Holder

The device was placed in the device holder (illustrated below) that is supplied by SATIMO as an integral part of the COMOSAR test system.

The device holder is designed to cope with the different positions given in the standard. It has two scales for device rotation (with respect to the body axis) and device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.



Device holder

4.5 Probe Specification

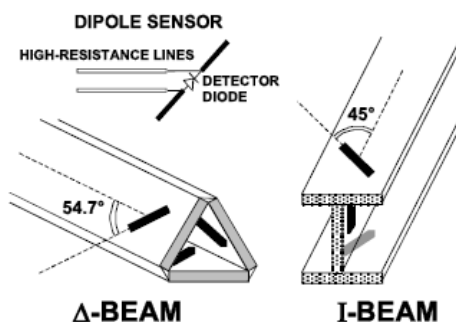


Construction	Symmetrical design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	700 MHz to 3 GHz; Linearity: ± 0.5 dB (700 MHz to 3 GHz)
Directivity	± 0.25 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	1.5 μ W/g to 100 mW/g; Linearity: ± 0.5 dB
Dimensions	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 5 mm Distance from probe tip to dipole centers: <2.7 mm
Application	General dosimetry up to 3 GHz Dosimetry in strong gradient fields Compliance tests of mobile phones
Compatibility	COMOSAR

Isotropic E-Field Probe

The isotropic E-Field probe has been fully calibrated and assessed for isotropicity, and boundary effect within a controlled environment. Depending on the frequency for which the probe is calibrated the method utilized for calibration will change.

The E-Field probe utilizes a triangular sensor arrangement as detailed in the diagram below:



5. Tissue check and recommend Dielectric Parameters

5.1 Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in P1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness Power drifts in a human head. Other head and body tissue parameters that have not been specified in P1528 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations described in Reference [12] and extrapolated according to the head parameters specified in P1528.

Table 1: Recommended Dielectric Performance of Tissue

Ingredients (% by weight)	Frequency (MHz)											
	450		835		915		1900		2450		2600	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	38.56	51.16	41.46	52.4	41.05	56.0	54.9	40.4	62.7	73.2	55.24	64.49
Salt (NaCl)	3.95	1.49	1.45	1.4	1.35	0.76	0.18	0.5	0.5	0.04	0.5	0.024
Sugar	56.32	46.78	56.0	45.0	56.5	41.76	0.0	58.0	0.0	0.0	0.0	0.0
HEC	0.98	0.52	1.0	1.0	1.0	1.21	0.0	1.0	0.0	0.0	0.0	0.0
Bactericide	0.19	0.05	0.1	0.1	0.1	0.27	0.0	0.1	0.0	0.0	0.0	0.0
Triton x-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0	44.45	32.25
DGBE	0.0	0.0	0.0	0.0	0.0	0.0	44.92	0.0	0.0	26.7	0.0	26.7
Dielectric Constant	43.42	58.0	42.54	56.1	42.0	56.8	39.9	54.0	39.2	52.5	39.0	52.5
Conductivity (s/m)	0.85	0.83	0.91	0.95	1.0	1.07	1.42	1.45	1.80	1.78	1.96	2.16

MSL/HSL750 (Body and Head liquid for 650 – 850 MHz)

Item	Head Tissue Simulation Liquid HSL750 Muscle(body)Tissue Simulation Liquid MSL750			
H2O	Water, 35 – 58%			
Sucrose	Sugar, white, refined, 40-60%			
NaCl	Sodium Chloride, 0-6%			
Hydroxyethyl-cellulose	Medium Viscosity (CAS# 9004-62-0), <0.3%			
Preventol-D7	Preservative: aqueous preparation, (CAS# 55965-84-9), containing 5-chloro-2-methyl-3(2H)-isothiazolone and 2-methyl-3(2H)-isothiazolone, 0.1-0.7%			
Frequency (MHz)	Head ϵ_r	Head σ (S/m)	Body ϵ_r	Body σ (S/m)
750	41.9	0.89	55.2	0.97

Note: The liquid of 700MHz&2600MHz typical liquid composition is provided by SATIMO.



Frequency:5200/5400/5600/5800MHz	
Ingredients	(% by weight)
Water	78
Mineral oil	11
Emulsifiers	9
Additives and Salt	2

Table 2 Recommended Tissue Dielectric Parameters

Frequency (MHz)	Head Tissue		Body Tissue	
	ϵ_r	σ (S/m)	ϵ_r	σ (S/m)
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800-2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5800	35.3	5.27	48.2	6.00



5.2 Simulate liquid

Liquid check results:

Table 3: Dielectric Performance of Tissue Simulating Liquid

/	Frequency	Permittivity ϵ	Conductivity σ (S/m)	Liquid Temp. (°C)	Test Date
Target value	750MHz	41.9 ±5% (39.805~43.995)	0.89 ±5% (0.8455~0.9345)	22.3	2023/11/14
Validation value		42.31	0.88		
Target value	835MHz	41.5 ±5% (39.425~43.575)	0.90 ±5% (0.855~0.945)	22.4	2023/10/19
Validation value		41.35	0.92		
Target value	835MHz	41.5 ±5% (39.425~43.575)	0.90 ±5% (0.855~0.945)	22.1	2023/10/21
Validation value		41.92	0.91		
Target value	835MHz	41.5 ±5% (39.425~43.575)	0.90 ±5% (0.855~0.945)	22.5	2023/11/11
Validation value		41.67	0.91		
Target value	835MHz	41.5 ±5% (39.425~43.575)	0.90 ±5% (0.855~0.945)	22.1	2023/11/20
Validation value		42.35	0.93		
Target value	1800MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	22.3	2023/10/28
Validation value		41.12	1.41		
Target value	1800MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	22.1	2023/11/13
Validation value		40.59	1.39		
Target value	1900MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	22.5	2023/10/23
Validation value		40.09	1.42		
Target value	1900MHz	40.0 ±5% (38.0~42.0)	1.40 ±5% (1.33~1.47)	22.7	2023/11/09
Validation value		40.08	1.42		
Target value	2300MHz	39.5 ±5% (37.525~41.475)	1.67 ±5% (1.5865~1.7535)	22.8	2023/11/07
Validation value		39.92	1.66		
Target value	2450MHz	39.2 ±5% (37.24~41.16)	1.80 ±5% (1.71~1.89)	22.6	2023/11/06
Validation value		38.79	1.78		
Target value	2600MHz	39.0 ±5% (37.05~40.95)	1.96 ±5% (1.862~2.058)	22.3	2023/10/25
Validation value		39.49	1.98		

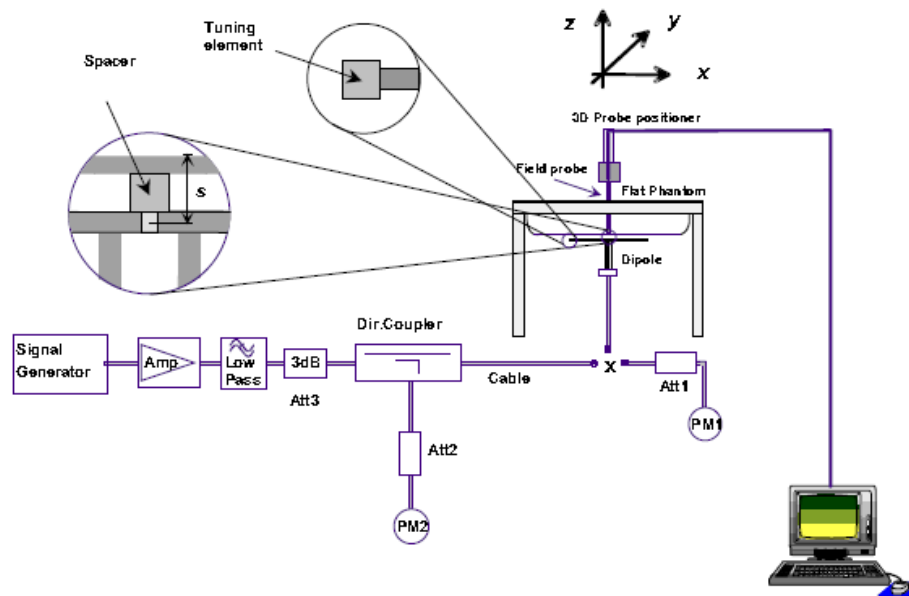


Target value	2600MHz	39.0±5% (37.05~40.95)	1.96±5% (1.862~2.058)	22.8	2023/11/08
Validation value		39.49	1.97		
Target value	3500MHz	37.9±5% (36.005~39.795)	2.91±5% (2.7645~3.0555)	22.5	2023/10/27
Validation value		38.65	2.96		
Target value	3700MHz	37.7±5% (35.815~39.585)	3.12±5% (2.964~3.276)	22.0	2023/11/18
Validation value		37.69	3.07		
Target value	3900MHz	37.51±5% (35.635~39.386)	3.33±5% (3.164~3.497)	22.0	2023/11/18
Validation value		37.41	3.24		
Target value	5200MHz	36.0±5% (34.20~37.80)	4.66±5% (4.427~4.893)	22.2	2023/11/01
Validation value		35.44	4.53		
Target value	5400MHz	35.8±5% (34.01~37.59)	4.86±5% (4.617~5.103)	22.2	2023/11/01
Validation value		35.21	4.85		
Target value	5600MHz	35.5±5% (33.725~37.275)	5.07±5% (4.8165~5.3235)	22.1	2023/11/03
Validation value		35.98	4.94		
Target value	5800MHz	35.3±5% (33.535~37.065)	5.27±5% (5.0065~5.5335)	22.1	2023/11/03
Validation value		35.71	5.23		

SAR System validation

Prior to the assessment, the system validation kit was used to test whether the system was operating within its specifications of $\pm 10\%$. The validation results are tabulated below. And also the corresponding SAR plot is attached as well in the SAR plots files.

The following procedure, recommended for performing validation tests using box phantoms is based on the procedures described in the IEEE standard P1528. Setup according to the setup diagram below:



With the SG and Amp and with directional coupler in place, set up the source signal at the relevant frequency and use a power meter to measure the power at the end of the SMA cable that you intend to connect to the balanced dipole. Adjust the SG to make this, say, 0.01W (10 dBm). If this level is too high to read directly with the power meter sensor, insert a calibrated attenuator (e.g. 10 or 20 dB) and make a suitable correction to the power meter reading.

- Note 1: In this method, the directional coupler is used for monitoring rather than setting the exact feed power level. If, however, the directional coupler is used for power measurement, you should check the frequency range and power rating of the coupler and measure the coupling factor (referred to output) at the test frequency using a VNA.
- Note 2: Remember that the use of a 3dB attenuator (as shown in Figure 8.1 of P1528) means that you need an RF amplifier of 2 times greater power for the same feed power. The other issue is the cable length. You might get up to 1dB of loss per meter of cable, so the cable length after the coupler needs to be quite short.
- Note 3: For the validation testing done using CW signals, most power meters are suitable. However, if you are measuring the output of a modulated signal from either a signal generator or a handset, you must ensure that the power meter correctly reads the modulated signals.

The measured 1-gram averaged SAR values of the device against the phantom are provided in Tables 5 and Table 6. The body phantom were full of the body tissue simulating liquid. The EUT was supplied with full-charged battery for each measurement.

The distance between the back of the EUT and the bottom of the flat phantom is 10 mm (taking into account of the IEEE 1528 and the place of the antenna).



Table 4: system validation (1g)
System Check Results

Frequency	Duty cycle	Target value (1-g) (W/Kg)	10mW Test value (1-g) (W/Kg)	Test SAR Normalized to 1W(w/Kg)	Test Date
750MHz	1:1	8.65 W/kg±10% (7.785~9.515)	0.0860	8.60	2023/11/14
835MHz	1:1	9.93 W/kg±10% (8.937~10.923)	0.1033	10.33	2023/10/19
835MHz	1:1	9.93 W/kg±10% (8.937~10.923)	0.0959	9.59	2023/10/21
835MHz	1:1	9.93 W/kg±10% (8.937~10.923)	0.0941	9.41	2023/11/11
835MHz	1:1	9.93 W/kg±10% (8.937~10.923)	0.1019	10.19	2023/11/20
1800MHz	1:1	37.81 W/kg±10% (34.029~41.591)	0.3605	36.05	2023/10/28
1800MHz	1:1	37.81 W/kg±10% (34.029~41.591)	0.3835	38.35	2023/11/13
1900MHz	1:1	41.50 W/kg±10% (37.350~45.650)	0.4083	40.83	2023/10/23
1900MHz	1:1	41.50 W/kg±10% (37.350~45.650)	0.3996	39.96	2023/11/09
2300MHz	1:1	51.74 W/kg±10% (45.198~55.242)	0.5062	50.62	2023/11/07
2450MHz	1:1	51.74 W/kg±10% (46.566~56.914)	0.5270	52.70	2023/11/06
2600MHz	1:1	57.13 W/kg±10% (51.417~62.843)	0.5511	55.11	2023/10/25
2600MHz	1:1	57.13 W/kg±10% (51.417~62.843)	0.5491	54.91	2023/11/08
3500MHz	1:1	66.30 W/kg±10% (59.670~72.930)	0.6640	66.40	2023/10/27
3700MHz	1:1	66.42 W/kg±10% (59.78~73.062)	0.6386	63.86	2023/11/18
3900MHz	1:1	70.35 W/kg±10% (63.315~77.385)	0.6583	65.83	2023/11/18
5200MHz	1:1	152.95 W/kg±10% (137.655~168.245)	1.4735	147.35	2023/11/01
5400MHz	1:1	159.94 W/kg±10% (143.946~175.934)	1.5476	154.76	2023/11/01
5600MHz	1:1	166.59 W/kg±10% (149.931~183.249)	1.5723	157.23	2023/11/03
5800MHz	1:1	174.67 W/kg±10% (157.203~192.137)	1.6979	169.79	2023/11/03

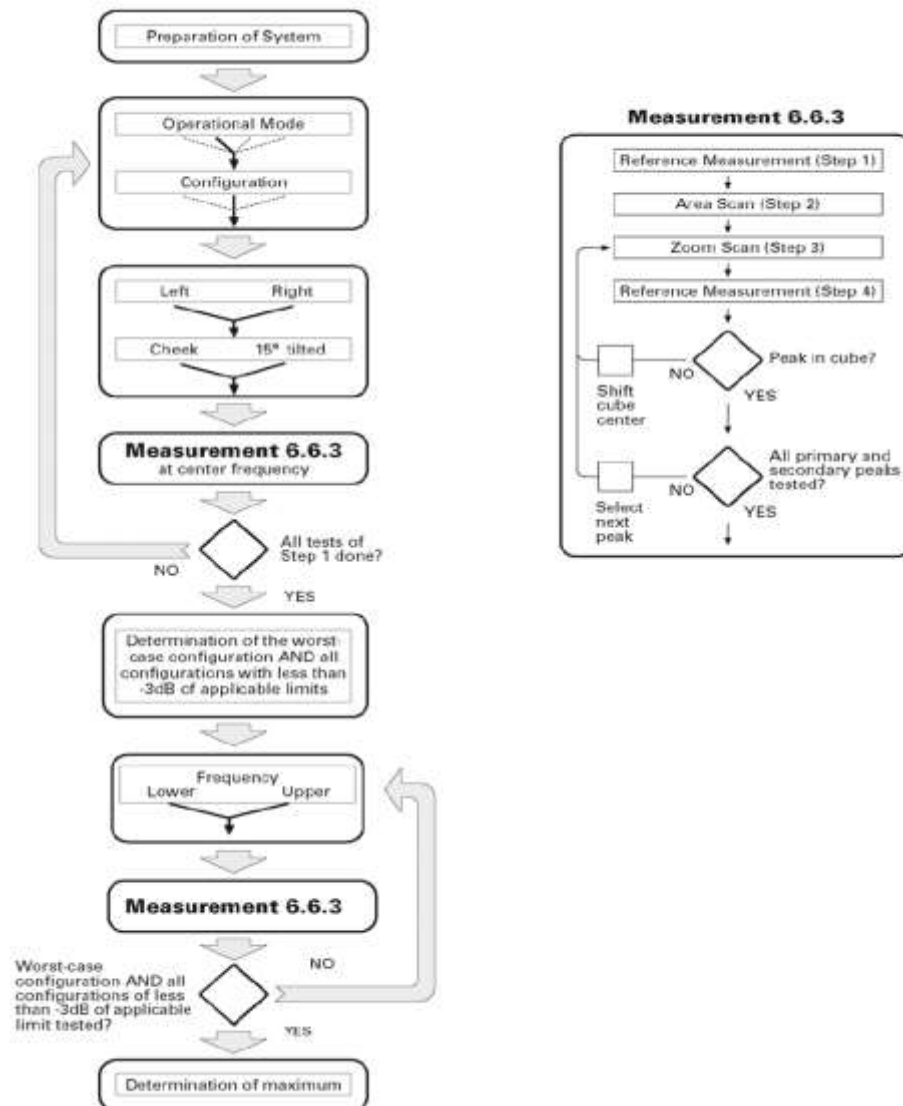


Note:

1. Target value was referring to the measured value in the calibration certificate of reference dipole.
2. All SAR values are normalized to 1W forward power.

6. SAR measurement procedure

The SAR test against the head phantom was carried out as follow:



Establish a call with the maximum output power with a base station simulator, the connection between the EUT and the base station simulator is established via air interface.

After an area scan has been done at a fixed distance of 2mm from the surface of the phantom on the source side, a 3D scan is set up around the location of the maximum spot SAR. First, a point within the scan area is visited by the probe and a SAR reading taken at the start of testing. At the end of testing, the probe is returned to the same point and a second reading is taken. Comparison between these start and end readings enables the power drift during measurement to be assessed.

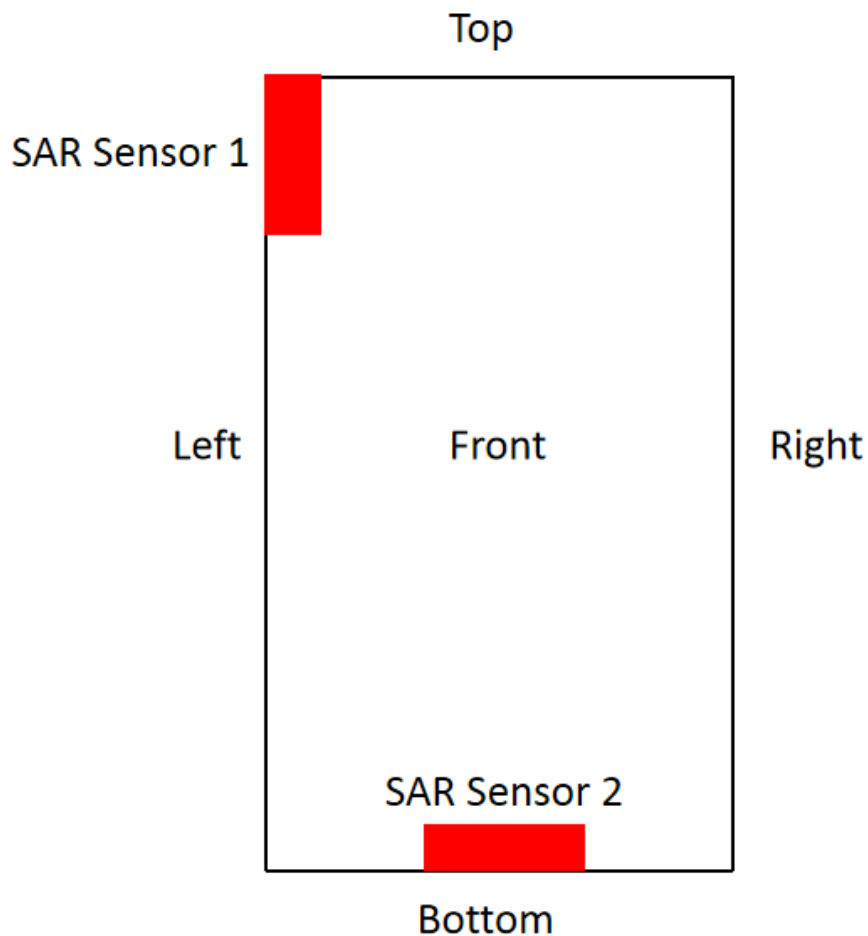
Above is the scanning procedure flow chart and table from the IEEE p1528 standard. This is the procedure for which all compliant testing should be carried out to ensure that all variations of the device position and transmission behavior are tested.

7. Power reduction specification

The equipment uses proximity sensors to trigger power reduction to meet SAR requirements.

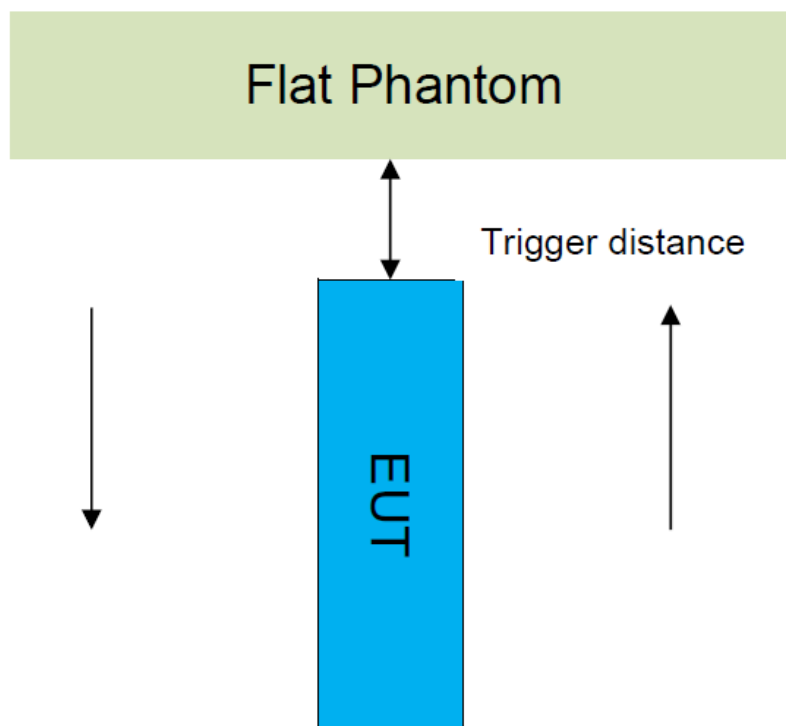
1) EUT proximity sensor position

As long as one of the two SAR sensors of the EUT is triggered, it will reduce the power of all antennas and all frequency bands of the GSM/CDMA/WCDMA/LTE/NR to meet the SAR requirements. For the other sides or other frequency bands of the device, SAR is still tested at the maximum power level with sensor off.



2) Proximity sensor triggering distances

The Proximity sensor triggering was applied to WWAN antenna. Proximity sensor triggering distance testing was performed which the EUT moving further away from the flat phantom and EUT moving toward the flat phantom were both assessed.



/	Proximity Sensor Triggering Distance(mm)	
	SAR Sensor 1	SAR Sensor 2
Front	10mm	10mm
Back	10mm	10mm
Left	15mm	5mm
Right	/	5mm
Top	10mm	/
Bottom	/	15mm

Note:

- As long as one of the two SAR sensors of the EUT is triggered, it will reduce the power of all antennas and all frequency bands of the GSM/CDMA/WCDMA/LTE/NR to meet the SAR requirements. For the other sides or other frequency bands of the device, SAR is still tested at the maximum power level with sensor off.
- When the distance between the phantom and EUT is equal to or less than the detection threshold distance, the proximity sensor will be trigger, and the conducted power will be reduced. When the distance between the phantom and EUT is greater than the detection threshold distance, the proximity sensor will be not trigger, and the DUT is in the full power transmit.

3. The SAR test with reduced power of proximity sensor is only used in all frequency bands of GSM/CDMA/WCDMA/LTE/NR. For other sides of the equipment or other frequency bands, SAR is still tested at the maximum power level with the sensor turned off
4. For verification of compliance of power reduction scheme, additional SAR testing with EUT transmitting at full RF power at a conservative trigger distance -1mm was performed:

3) Reduced power of proximity sensor

Transmission Condition	Wireless System	Head	Body
Standalone	WWAN	Reduced Power DSI 1	Reduced Power DSI 1
	WLAN	Full Power	Full Power

Transmission Condition	Wireless System	Head	Body
EN-DC & Simultaneous	WWAN	Reduced Power DSI 1	Reduced Power DSI 1
	WLAN	Full Power	Full Power

Note:

1. The power conditions on the table are all after the SAR Sensor is triggered, and the power is normal when the SAR Sensor is not triggered.
2. For the specific power and power reduction of EUT, please refer to the conducted power at the back of the report.

8. Conducted RF Output Power

8.1 GSM Conducted Power

GSM850 ANT 2 Full Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		128CH	190CH	251CH		128CH	190CH	251CH
		824.2	836.6	848.8		824.2	836.6	848.8
GSM (CS)		32.54	33.14	32.62	-9.03	23.51	24.11	23.59
GPRS (GMSK)	1 Tx Slot	32.53	33.12	32.61	-9.03	23.50	24.09	23.58
	2 Tx Slots	30.98	31.91	31.09	-6.02	24.96	25.89	25.07
	3 Tx Slots	29.82	30.43	29.91	-4.26	25.56	26.17	25.65
	4 Tx Slots	27.16	28.03	27.32	-3.01	24.15	25.02	24.31
EDGE (8PSK)	1 Tx Slot	25.77	26.62	26.59	-9.03	16.74	17.59	17.56
	2 Tx Slots	25.10	25.37	25.28	-6.02	19.08	19.35	19.26
	3 Tx Slots	22.99	23.84	23.04	-4.26	18.73	19.58	18.78
	4 Tx Slots	20.98	22.31	21.00	-3.01	17.97	19.30	17.99
GSM850 ANT 2 DSI 1 Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		128CH	190CH	251CH		128CH	190CH	251CH
		824.2	836.6	848.8		824.2	836.6	848.8
GSM (CS)		24.09	24.90	24.09	-9.03	15.06	15.87	15.06
GPRS (GMSK)	1 Tx Slot	24.06	24.88	24.08	-9.03	15.03	15.85	15.05
	2 Tx Slots	23.37	23.86	23.40	-6.02	17.35	17.84	17.38
	3 Tx Slots	21.29	22.30	21.31	-4.26	17.03	18.04	17.05
	4 Tx Slots	19.36	19.92	19.50	-3.01	16.35	16.91	16.49
EDGE (8PSK)	1 Tx Slot	18.70	19.65	18.21	-9.03	9.67	10.62	9.18
	2 Tx Slots	17.02	17.29	16.87	-6.02	11.00	11.27	10.85
	3 Tx Slots	15.23	16.32	15.41	-4.26	10.97	12.06	11.15
	4 Tx Slots	13.55	14.46	13.41	-3.01	10.54	11.45	10.40
GSM850 ANT 3 Full Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		128CH	190CH	251CH		128CH	190CH	251CH
		824.2	836.6	848.8		824.2	836.6	848.8
GSM (CS)		31.82	32.58	31.97	-9.03	22.79	23.55	22.94
GPRS (GMSK)	1 Tx Slot	31.80	32.57	31.96	-9.03	22.77	23.54	22.93
	2 Tx Slots	30.32	30.82	30.20	-6.02	24.30	24.80	24.18
	3 Tx Slots	28.68	29.57	28.59	-4.26	24.42	25.31	24.33
	4 Tx Slots	26.49	27.55	26.52	-3.01	23.48	24.54	23.51
EDGE (8PSK)	1 Tx Slot	24.30	25.22	24.36	-9.03	15.27	16.19	15.33
	2 Tx Slots	23.80	24.72	23.92	-6.02	17.78	18.70	17.90
	3 Tx Slots	22.45	23.28	22.50	-4.26	18.19	19.02	18.24
	4 Tx Slots	20.60	21.41	20.40	-3.01	17.59	18.40	17.39



GSM850 ANT 3 DSI 1 Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		128CH	190CH	251CH		128CH	190CH	251CH
		824.2	836.6	848.8		824.2	836.6	848.8
GSM (CS)		28.79	29.43	28.80	-9.03	19.76	20.40	19.77
GPRS (GMSK)	1 Tx Slot	28.77	29.53	28.79	-9.03	19.74	20.50	19.76
	2 Tx Slots	25.89	26.43	25.78	-6.02	19.87	20.41	19.76
	3 Tx Slots	24.25	24.95	24.18	-4.26	19.99	20.69	19.92
	4 Tx Slots	22.73	23.09	22.94	-3.01	19.72	20.08	19.93
EDGE (8PSK)	1 Tx Slot	23.88	24.30	23.87	-9.03	14.85	15.27	14.84
	2 Tx Slots	21.56	22.06	21.75	-6.02	15.54	16.04	15.73
	3 Tx Slots	19.84	20.47	19.65	-4.26	15.58	16.21	15.39
	4 Tx Slots	17.62	18.25	17.81	-3.01	14.61	15.24	14.80
GSM1900 ANT 2 Full Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		512CH	661CH	810CH		512CH	661CH	810CH
		1850.2	1880.0	1909.8		1850.2	1880.0	1909.8
GSM (CS)		29.49	29.76	29.92	-9.03	20.46	20.73	20.89
GPRS (GMSK)	1 Tx Slot	29.47	29.74	29.91	-9.03	20.44	20.71	20.88
	2 Tx Slots	27.19	27.33	27.45	-6.02	21.17	21.31	21.43
	3 Tx Slots	25.67	25.82	25.91	-4.26	21.41	21.56	21.65
	4 Tx Slots	23.88	24.07	23.80	-3.01	20.87	21.06	20.79
EDGE (8PSK)	1 Tx Slot	24.24	24.18	24.33	-9.03	15.21	15.15	15.30
	2 Tx Slots	23.37	23.21	23.59	-6.02	17.35	17.19	17.57
	3 Tx Slots	21.52	21.87	21.75	-4.26	17.26	17.61	17.49
	4 Tx Slots	18.65	18.80	18.74	-3.01	15.64	15.79	15.73
GSM1900 ANT 2 DSI 1 Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		512CH	661CH	810CH		512CH	661CH	810CH
		1850.2	1880.0	1909.8		1850.2	1880.0	1909.8
GSM (CS)		23.32	23.34	23.34	-9.03	14.29	14.31	14.31
GPRS (GMSK)	1 Tx Slot	23.30	23.33	23.32	-9.03	14.27	14.30	14.29
	2 Tx Slots	22.20	22.50	22.50	-6.02	16.18	16.48	16.48
	3 Tx Slots	19.59	19.79	19.76	-4.26	15.33	15.53	15.50
	4 Tx Slots	17.24	17.47	17.37	-3.01	14.23	14.46	14.36
EDGE (8PSK)	1 Tx Slot	21.62	21.68	21.76	-9.03	12.59	12.65	12.73
	2 Tx Slots	19.18	19.30	19.52	-6.02	13.16	13.28	13.50
	3 Tx Slots	18.03	17.86	18.10	-4.26	13.77	13.60	13.84
	4 Tx Slots	15.31	15.36	15.20	-3.01	12.30	12.35	12.19

GSM1900 ANT 4 Full Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		512CH	661CH	810CH		512CH	661CH	810CH
		1850.2	1880.0	1909.8		1850.2	1880.0	1909.8
GSM (CS)		30.02	30.05	30.21	-9.03	20.99	21.02	21.18
GPRS (GMSK)	1 Tx Slot	30.00	30.04	30.19	-9.03	20.97	21.01	21.16
	2 Tx Slots	27.82	28.04	27.95	-6.02	21.80	22.02	21.93
	3 Tx Slots	26.32	26.58	26.44	-4.26	22.06	22.32	22.18
	4 Tx Slots	23.94	24.07	24.45	-3.01	20.93	21.06	21.44
EDGE (8PSK)	1 Tx Slot	25.03	25.04	25.24	-9.03	16.00	16.01	16.21
	2 Tx Slots	24.21	24.12	24.42	-6.02	18.19	18.10	18.40
	3 Tx Slots	22.35	22.71	22.64	-4.26	18.09	18.45	18.38
	4 Tx Slots	20.24	20.04	20.02	-3.01	17.23	17.03	17.01
GSM1900 ANT 4 DSI 1 Power		Burst-Averaged output Power (dBm)			Division Factors	Frame-Averaged output Power (dBm)		
		512CH	661CH	810CH		512CH	661CH	810CH
		1850.2	1880.0	1909.8		1850.2	1880.0	1909.8
GSM (CS)		23.25	23.59	23.24	-9.03	14.22	14.56	14.21
GPRS (GMSK)	1 Tx Slot	23.21	23.58	23.23	-9.03	14.18	14.55	14.20
	2 Tx Slots	21.13	21.41	21.28	-6.02	15.11	15.39	15.26
	3 Tx Slots	19.65	20.05	19.75	-4.26	15.39	15.79	15.49
	4 Tx Slots	17.05	17.33	17.32	-3.01	14.04	14.32	14.31
EDGE (8PSK)	1 Tx Slot	21.92	21.83	21.88	-9.03	12.89	12.80	12.85
	2 Tx Slots	19.97	20.09	20.03	-6.02	13.95	14.07	14.01
	3 Tx Slots	18.51	18.92	18.64	-4.26	14.25	14.66	14.38
	4 Tx Slots	15.48	15.46	15.34	-3.01	12.47	12.45	12.33

Note:

1. Per KDB 447498 D01 v06, the maximum output power channel is used for SAR testing and for further SAR test reduction.
2. For hotspot SAR, EUT was performed at GPRS Class 12 multi-slots(3Tx) mode.

Timeslot consignations

No. Of Slots	Slot 1	Slot 2	Slot 3	Slot 4
Slot Consignation	1Up4Down	2UpDown	3UpDown	4Up1Down
Duty Cycle	1:8	1:4	1:2.67	1:2
Crest Factor	-9.03dB	-6.02dB	-4.26dB	-3.01dB

8.2 CDMA Conducted output Power

CDMA BC0 ANT 2 Full Power	Average Power (dBm)		
	1013CH	384CH	777CH
	824.70MHz	836.52MHz	848.31MHz
RC1 + SO55	23.28	23.26	23.43
RC3 + SO55	23.27	23.31	23.19
RC3 + SO32(+F-SCH)	23.35	23.29	23.45
RC3 + SO32(+SCH)	23.29	23.28	23.40
CDMA BC0 ANT 2 DSI 1 Power	Average Power (dBm)		
	1013CH	384CH	777CH
	824.70MHz	836.52MHz	848.31MHz
RC1 + SO55	19.12	19.01	18.95
RC3 + SO55	18.94	19.08	18.89
RC3 + SO32(+F-SCH)	19.08	19.11	19.16
RC3 + SO32(+SCH)	18.95	19.04	19.01
CDMA BC0 ANT 3 Full Power	Average Power (dBm)		
	1013CH	384CH	777CH
	824.70MHz	836.52MHz	848.31MHz
RC1 + SO55	23.52	23.53	23.55
RC3 + SO55	23.32	23.29	23.43
RC3 + SO32(+F-SCH)	23.55	23.61	23.48
RC3 + SO32(+SCH)	23.45	23.51	23.42
CDMA BC0 ANT 3 DSI 1 Power	Average Power (dBm)		
	1013CH	384CH	777CH
	824.70MHz	836.52MHz	848.31MHz
RC1 + SO55	21.85	21.79	22.02
RC3 + SO55	22.08	22.10	22.01
RC3 + SO32(+F-SCH)	21.95	22.13	22.06
RC3 + SO32(+SCH)	21.89	21.97	21.74

Note:

1. Per KDB 941225 D01, SAR for RC1 is not required when the maximum average output of each channel is less than ¼ dB higher than that measured in RC3.
2. SAR for next to the ear head exposure is measured in RC3 with the handset configured to transmit at full rate in SO55. The 3G SAR test reduction procedure is applied to RC1 with RC3 as the primary mode
3. Per KDB 941225 D01, SAR for body exposure configurations is measured in RC3 with the DUT configured using TDSO/SO32, to transmit at full rate on FCH with all other code channels disabled.
4. Per KDB 941225 D01, SAR for multiple code channels (FCH + SCHn) is not required when the maximum average output of each RF channel is less than ¼ dB higher than that measured with FCH only.

8.3 WCDMA Conducted output Power

WCDMA 850(Band V) ANT 2 Full Power		Averaged output Power (dBm)		
		4132CH	4183CH	4233CH
		826.4	836.6	846.6
WCDMA	12.2kbps RMC	23.10	23.08	22.99
HSDPA	Subtest 1	22.05	21.95	21.71
	Subtest 2	20.89	20.72	20.88
	Subtest 3	20.97	21.04	20.86
	Subtest 4	21.56	21.47	21.43
HSUPA	Subtest 1	21.94	21.86	21.92
	Subtest 2	21.25	21.23	21.31
	Subtest 3	21.01	20.85	20.93
	Subtest 4	20.87	20.73	21.13
	Subtest 5	21.95	21.72	21.63
WCDMA 850(Band V) ANT 2 DSI 1 Power		Averaged output Power (dBm)		
		4132CH	4183CH	4233CH
		826.4	836.6	846.6
WCDMA	12.2kbps RMC	18.65	18.63	18.53
HSDPA	Subtest 1	17.54	17.49	17.41
	Subtest 2	17.42	17.34	17.20
	Subtest 3	17.49	17.52	17.31
	Subtest 4	17.38	17.43	17.38
HSUPA	Subtest 1	17.36	17.53	17.47
	Subtest 2	17.60	17.49	17.52
	Subtest 3	17.34	17.38	17.27
	Subtest 4	17.38	17.46	17.24
	Subtest 5	17.44	17.61	17.58
WCDMA 850(Band V) ANT 3 Full Power		Averaged output Power (dBm)		
		4132CH	4183CH	4233CH
		826.4	836.6	846.6
WCDMA	12.2kbps RMC	23.48	23.46	23.42
HSDPA	Subtest 1	22.80	22.81	22.91
	Subtest 2	21.29	21.40	21.50
	Subtest 3	20.85	21.01	21.11
	Subtest 4	22.52	22.58	22.69
HSUPA	Subtest 1	22.87	22.81	22.97
	Subtest 2	21.75	21.34	21.41
	Subtest 3	21.36	20.95	21.02
	Subtest 4	21.98	21.67	21.74
	Subtest 5	22.69	22.48	22.55



WCDMA 850(Band V) ANT 3 DSI 1 Power		Averaged output Power (dBm)		
		4132CH	4183CH	4233CH
		826.4	836.6	846.6
WCDMA	12.2kbps RMC	22.04	22.11	22.03
HSDPA	Subtest 1	20.91	20.77	20.66
	Subtest 2	20.67	20.51	20.73
	Subtest 3	20.86	20.55	20.62
	Subtest 4	20.74	20.61	20.60
HSUPA	Subtest 1	20.69	20.78	20.69
	Subtest 2	20.57	20.60	20.44
	Subtest 3	20.64	20.41	20.41
	Subtest 4	20.70	20.48	20.75
	Subtest 5	20.91	20.57	20.78
WCDMA 1700(Band IV) ANT 2 Full Power		Averaged output Power (dBm)		
		1312CH	1412CH	1513CH
		1712.4	1732.4	1752.6
WCDMA	12.2kbps RMC	22.78	22.84	22.86
HSDPA	Subtest 1	22.42	22.45	22.40
	Subtest 2	21.15	21.01	20.85
	Subtest 3	20.98	20.67	20.76
	Subtest 4	22.55	22.31	22.50
HSUPA	Subtest 1	22.28	22.04	22.13
	Subtest 2	21.01	20.99	20.82
	Subtest 3	21.52	21.50	21.31
	Subtest 4	20.52	20.49	20.33
	Subtest 5	22.01	22.14	21.96
WCDMA 1700(Band IV) ANT 2 DSI 1 Power		Averaged output Power (dBm)		
		1312CH	1412CH	1513CH
		1712.4	1732.4	1752.6
WCDMA	12.2kbps RMC	20.58	20.61	20.64
HSDPA	Subtest 1	19.61	19.77	19.48
	Subtest 2	19.27	19.31	19.59
	Subtest 3	19.26	19.45	19.38
	Subtest 4	19.34	19.51	19.36
HSUPA	Subtest 1	19.69	19.58	19.55
	Subtest 2	19.57	19.40	19.60
	Subtest 3	19.64	19.61	19.57
	Subtest 4	19.70	19.38	19.21
	Subtest 5	19.51	19.37	19.44



WCDMA 1700(Band IV) ANT 4 Full Power		Averaged output Power (dBm)		
		1312CH	1412CH	1513CH
		1712.4	1732.4	1752.6
WCDMA	12.2kbps RMC	23.00	23.06	23.05
HSDPA	Subtest 1	21.99	21.77	21.70
	Subtest 2	20.78	21.05	20.93
	Subtest 3	20.84	20.72	20.79
	Subtest 4	21.95	22.02	22.11
HSUPA	Subtest 1	21.84	21.79	21.82
	Subtest 2	21.23	21.18	21.11
	Subtest 3	20.70	20.78	20.67
	Subtest 4	21.09	20.94	21.13
	Subtest 5	22.04	21.95	22.07
WCDMA 1700(Band IV) ANT 4 DSI 1 Power		Averaged output Power (dBm)		
		1312CH	1412CH	1513CH
		1712.4	1732.4	1752.6
WCDMA	12.2kbps RMC	17.63	17.67	17.66
HSDPA	Subtest 1	16.38	16.24	16.26
	Subtest 2	16.44	16.28	16.35
	Subtest 3	16.42	16.29	16.36
	Subtest 4	16.69	16.57	16.43
HSUPA	Subtest 1	16.56	16.68	16.71
	Subtest 2	16.60	16.54	16.46
	Subtest 3	16.54	16.43	16.61
	Subtest 4	16.58	16.51	16.28
	Subtest 5	16.44	16.55	16.49
WCDMA 1900(Band II) ANT 2 Full Power		Averaged output Power (dBm)		
		9262CH	9400CH	9538CH
		1852.4	1880.0	1907.6
WCDMA	12.2kbps RMC	23.10	23.21	23.19
HSDPA	Subtest 1	22.78	22.63	22.39
	Subtest 2	21.47	21.48	21.57
	Subtest 3	21.62	22.08	21.92
	Subtest 4	22.18	22.45	22.37
HSUPA	Subtest 1	22.29	22.47	22.55
	Subtest 2	21.01	20.85	20.77
	Subtest 3	21.09	21.49	21.27
	Subtest 4	19.95	20.45	20.31
	Subtest 5	21.94	22.15	22.19

WCDMA 1900(Band II) ANT 2 DSI 1 Power		Averaged output Power (dBm)		
		9262CH	9400CH	9538CH
		1852.4	1880.0	1907.6
WCDMA	12.2kbps RMC	16.54	16.64	16.55
HSDPA	Subtest 1	15.49	15.29	15.44
	Subtest 2	15.16	15.04	15.18
	Subtest 3	15.22	15.01	15.22
	Subtest 4	15.43	15.35	15.28
HSUPA	Subtest 1	15.53	15.38	15.45
	Subtest 2	15.19	15.26	15.27
	Subtest 3	15.38	15.33	15.08
	Subtest 4	15.26	15.22	15.15
	Subtest 5	15.51	15.20	15.24
WCDMA 1900(Band II) ANT 4 Full Power		Averaged output Power (dBm)		
		9262CH	9400CH	9538CH
		1852.4	1880.0	1907.6
WCDMA	12.2kbps RMC	23.23	23.14	23.20
HSDPA	Subtest 1	22.13	21.92	22.09
	Subtest 2	21.27	21.07	21.22
	Subtest 3	21.52	21.71	21.66
	Subtest 4	21.84	21.95	21.81
HSUPA	Subtest 1	21.90	21.93	21.84
	Subtest 2	21.22	21.41	21.56
	Subtest 3	20.53	20.91	20.97
	Subtest 4	20.93	20.82	20.77
	Subtest 5	21.88	22.05	21.99
WCDMA 1900(Band II) ANT 4 DSI 1 Power		Averaged output Power (dBm)		
		9262CH	9400CH	9538CH
		1852.4	1880.0	1907.6
WCDMA	12.2kbps RMC	17.62	17.61	17.60
HSDPA	Subtest 1	16.46	16.23	16.37
	Subtest 2	16.27	16.19	16.22
	Subtest 3	16.44	16.38	16.27
	Subtest 4	16.48	16.46	16.34
HSUPA	Subtest 1	16.64	16.49	16.41
	Subtest 2	16.52	16.34	16.42
	Subtest 3	16.59	16.52	16.39
	Subtest 4	16.28	16.43	16.38
	Subtest 5	16.54	16.40	16.44

Note:

- WCDMA SAR was tested under RMC 12.2kbps with HSPA Inactive per KDB Publication 941225 D01v03r01.HSPA SAR was not requires since the average output power of the HSPA



subtests was not more than 0.25dB higher than the RMC level and SAR was less than 1.2W/kg.

2. It is expected by the manufacturer that MPR for some HSPA subtests may be up to 2dB more than specified by 3GPP, but also as low as 0dB according to the chipset implementation in this model

8.4 LTE Conducted peak output Power

LTE Test Configurations

The CMW500 Wide Band Radio Communication Tester was used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. SAR test were performed with the same number of RB and RB offsets transmitting on all frames.

1) Spectrum Plots for RB configurations

A properly configured base station simulator was used for LTE output power measurements and SAR testing. Therefore, spectrum plots for RB configurations were not required to be included in this report.

2) MPR

When MPR is implemented permanently within the UE, regardless of network requirements, only those RB configurations allowed by 3GPP for the channel bandwidth and modulation combinations may be tested with MPR active. Configurations with RB allocations less than the RB thresholds required by 3GPP must be tested without MPR.

The allowed Maximum Power Reduction(MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101:

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth configuration [RB]						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

3) A-MPR LTE procedures for SAR testing

A-MPR(Additional MPR) has been disabled for all SAR tests by using Network Signaling Value of “NS_01” on the base station simulator.

4) LTE procedures for SAR testing

A) Largest channel bandwidth standalone SAR test

requirements i) 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 for RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is $\leq 0.8\text{W/kg}$, testing of the remaining RB offset configurations and required test channels is not required for 1RB 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 $> 1.45\text{W/kg}$, SAR is required for all three RB offset configurations for that required test channel.



1. LTE Band 2 Conducted Power Test Verdict:

LTE FDD Band 2 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18607/1850.7	18900/1880.0	19193/1909.3	
1.4MHz	QPSK	1	0	22.83	22.95	22.96	22.5±1.0
		1	3	22.89	22.97	22.95	
		1	5	22.84	23.00	22.93	
		3	0	21.79	21.94	21.94	21.5±1.0
		3	2	21.88	21.93	21.88	
		3	3	21.76	21.97	21.99	
		6	0	21.87	21.80	21.96	21.5±1.0
	16QAM	1	0	21.90	22.16	22.11	21.5±1.0
		1	3	21.93	22.10	22.08	
		1	5	21.87	22.03	22.15	
		3	0	20.93	21.02	21.03	20.5±1.0
		3	2	20.94	21.07	21.02	
		3	3	20.97	20.99	20.97	
		6	0	20.95	20.96	20.92	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18615/1851.5	18900/1880.0	19185/1908.5	
3MHz	QPSK	1	0	22.79	22.84	22.84	22.5±1.0
		1	7	22.86	22.99	22.98	
		1	14	22.81	22.95	22.87	
		8	0	21.86	21.89	21.98	21.5±1.0
		8	4	21.89	21.90	21.96	
		8	7	21.91	22.00	22.02	
		15	0	21.90	21.92	21.96	21.5±1.0
	16QAM	1	0	21.85	22.02	21.93	21.5±1.0
		1	7	22.11	22.14	22.18	
		1	14	22.00	22.09	22.03	
		8	0	20.89	21.02	20.99	20.5±1.0
		8	4	20.93	20.99	21.00	
		8	7	20.92	21.09	21.01	
		15	0	20.92	20.93	20.96	20.5±1.0



LTE FDD Band 2 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18625/1852.5	18900/1880.0	19175/1907.5	
5MHz	QPSK	1	0	22.90	22.92	22.88	22.5±1.0
		1	13	22.92	23.08	23.01	
		1	24	22.90	23.02	23.00	
		12	0	21.86	21.91	21.90	21.5±1.0
		12	6	21.86	21.90	21.89	
		12	13	21.91	22.01	22.03	
		25	0	21.89	21.90	21.91	21.5±1.0
	16QAM	1	0	21.90	22.17	22.07	21.5±1.0
		1	13	22.09	22.17	22.17	
		1	24	21.98	22.06	22.12	
		12	0	20.97	20.94	21.00	20.5±1.0
		12	6	20.91	20.85	20.97	
		12	13	20.94	21.11	21.08	
		25	0	20.92	20.98	20.94	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18650/1855	18900/1880.0	19150/1905	
10MHz	QPSK	1	0	22.86	22.93	22.90	22.5±1.0
		1	25	22.89	22.94	22.93	
		1	49	22.78	22.92	22.94	
		25	0	21.88	21.97	21.95	21.5±1.0
		25	13	21.89	21.94	21.94	
		25	25	21.98	22.02	22.00	
		50	0	21.97	21.94	22.01	21.5±1.0
	16QAM	1	0	21.99	22.06	22.05	21.5±1.0
		1	25	22.11	22.19	22.19	
		1	49	22.03	22.18	22.10	
		25	0	20.88	21.02	21.02	20.5±1.0
		25	13	20.87	20.98	20.99	
		25	25	20.98	21.10	21.07	
		50	0	20.98	20.98	21.04	20.5±1.0



LTE FDD Band 2 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18675/1857.5	18900/1880.0	19125/1902.5	
15MHz	QPSK	1	0	22.78	22.95	22.88	22.5±1.0
		1	38	22.89	22.93	22.85	
		1	74	22.86	22.98	22.94	
		36	0	21.95	22.03	22.10	21.5±1.0
		36	18	22.10	22.05	22.01	
		36	39	21.99	22.12	22.06	
		75	0	21.91	21.88	21.87	21.5±1.0
	16QAM	1	0	22.14	22.02	22.02	21.5±1.0
		1	38	22.03	22.00	22.14	
		1	74	22.06	22.07	21.98	
		36	0	21.07	20.98	21.04	20.5±1.0
		36	18	21.02	21.10	20.98	
		36	39	20.89	20.94	21.15	
		75	0	20.92	20.93	20.91	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18700/1860.0	18900/1880.0	19100/1900.0	
20MHz	QPSK	1	0	22.91	22.98	22.95	22.5±1.0
		1	50	22.94	22.99	22.99	
		1	99	22.87	22.96	23.03	
		50	0	21.90	21.98	21.91	21.5±1.0
		50	25	21.90	21.96	21.90	
		50	50	21.91	22.01	22.01	
		100	0	21.90	21.94	21.97	21.5±1.0
	16QAM	1	0	22.13	21.96	22.15	21.5±1.0
		1	50	22.14	22.20	22.11	
		1	99	22.13	22.14	22.12	
		50	0	20.86	20.94	20.93	20.5±1.0
		50	25	20.88	20.92	20.92	
		50	50	20.93	21.02	20.99	
		100	0	20.93	20.99	21.05	20.5±1.0



LTE FDD Band 2 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18607/1850.7	18900/1880.0	19193/1909.3	
1.4MHz	QPSK	1	0	17.78	17.87	17.73	17.5±1.0
		1	3	17.86	17.82	17.74	
		1	5	17.86	17.89	17.75	
		3	0	17.82	17.86	17.67	17.5±1.0
		3	2	17.78	17.83	17.71	
		3	3	17.85	17.80	17.70	
		6	0	17.82	17.85	17.77	17.5±1.0
	16QAM	1	0	17.93	18.01	17.74	17.5±1.0
		1	3	18.03	18.01	17.70	
		1	5	17.94	18.05	17.74	
		3	0	17.96	17.90	17.87	17.5±1.0
		3	2	17.95	17.90	17.78	
		3	3	17.93	17.88	17.81	
		6	0	17.90	17.94	17.75	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18615/1851.5	18900/1880.0	19185/1908.5	
3MHz	QPSK	1	0	17.67	17.73	17.71	17.5±1.0
		1	7	17.88	17.91	17.81	
		1	14	17.78	17.85	17.69	
		8	0	17.85	17.90	17.79	17.5±1.0
		8	4	17.90	17.86	17.78	
		8	7	17.90	17.90	17.79	
		15	0	17.85	17.92	17.78	17.5±1.0
	16QAM	1	0	17.94	18.01	17.92	17.5±1.0
		1	7	17.95	18.02	18.04	
		1	14	17.97	17.99	17.81	
		8	0	17.91	17.96	17.84	17.5±1.0
		8	4	17.89	17.90	17.85	
		8	7	17.87	17.93	17.86	
		15	0	17.92	17.93	17.82	17.5±1.0



LTE FDD Band 2 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18625/1852.5	18900/1880.0	19175/1907.5	
5MHz	QPSK	1	0	17.82	17.92	17.69	17.5±1.0
		1	13	17.90	17.91	17.76	
		1	24	17.88	17.95	17.74	
		12	0	17.88	17.81	17.81	17.5±1.0
		12	6	17.87	17.76	17.81	
		12	13	17.90	17.91	17.81	
		25	0	17.88	17.82	17.79	17.5±1.0
	16QAM	1	0	17.77	17.87	17.75	17.5±1.0
		1	13	18.08	17.99	17.90	
		1	24	17.95	18.00	17.74	
		12	0	17.85	17.84	17.77	17.5±1.0
		12	6	17.86	17.84	17.85	
		12	13	17.98	17.86	17.90	
		25	0	17.91	17.85	17.83	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18650/1855	18900/1880.0	19150/1905	
10MHz	QPSK	1	0	17.82	17.79	17.74	17.5±1.0
		1	25	17.83	17.83	17.74	
		1	49	17.72	17.81	17.72	
		25	0	17.88	17.88	17.84	17.5±1.0
		25	13	17.86	17.88	17.85	
		25	25	17.94	17.91	17.84	
		50	0	17.92	17.87	17.84	17.5±1.0
	16QAM	1	0	17.95	18.08	17.93	17.5±1.0
		1	25	18.14	18.00	17.94	
		1	49	18.01	18.10	17.92	
		25	0	17.92	17.87	17.89	17.5±1.0
		25	13	17.86	17.87	17.90	
		25	25	17.92	17.89	17.89	
		50	0	17.93	17.83	17.86	17.5±1.0



LTE FDD Band 2 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18675/1857.5	18900/1880.0	19125/1902.5	
15MHz	QPSK	1	0	17.89	17.83	17.69	17.5±1.0
		1	38	17.84	17.85	17.81	
		1	74	17.76	17.86	17.65	
		36	0	17.93	18.19	17.94	17.5±1.0
		36	18	18.05	18.04	17.96	
		36	39	17.94	17.96	18.04	
		75	0	17.86	17.79	17.76	17.5±1.0
	16QAM	1	0	18.13	18.07	17.99	17.5±1.0
		1	38	18.14	17.98	18.05	
		1	74	18.03	18.08	17.88	
		36	0	17.93	18.11	18.00	17.5±1.0
		36	18	18.04	18.04	17.81	
		36	39	17.82	18.07	17.78	
		75	0	17.89	17.81	17.81	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18700/1860.0	18900/1880.0	19100/1900.0	
20MHz	QPSK	1	0	17.81	17.83	17.80	17.5±1.0
		1	50	17.90	17.83	17.84	
		1	99	17.77	17.82	17.74	
		50	0	17.85	17.88	17.83	17.5±1.0
		50	25	17.82	17.84	17.80	
		50	50	17.90	17.90	17.82	
		100	0	17.92	17.83	17.76	17.5±1.0
	16QAM	1	0	18.08	17.93	17.91	17.5±1.0
		1	50	18.01	18.04	17.94	
		1	99	17.85	18.02	17.84	
		50	0	17.85	17.84	17.81	17.5±1.0
		50	25	17.84	17.78	17.80	
		50	50	17.93	17.90	17.78	
		100	0	17.91	17.85	17.78	17.5±1.0



LTE FDD Band 2 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18607/1850.7	18900/1880.0	19193/1909.3	
1.4MHz	QPSK	1	0	23.48	23.41	23.32	23.0±1.0
		1	3	23.40	23.44	23.33	
		1	5	23.36	23.42	23.38	
		3	0	22.38	22.46	22.31	22.0±1.0
		3	2	22.40	22.45	22.37	
		3	3	22.37	22.45	22.38	
		6	0	22.41	22.47	22.39	22.0±1.0
	16QAM	1	0	22.52	22.57	22.53	22.0±1.0
		1	3	22.54	22.54	22.51	
		1	5	22.56	22.52	22.63	
		3	0	21.34	21.55	21.43	21.0±1.0
		3	2	21.48	21.50	21.46	
		3	3	21.55	21.53	21.41	
		6	0	21.40	21.50	21.36	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18615/1851.5	18900/1880.0	19185/1908.5	
3MHz	QPSK	1	0	23.34	23.33	23.34	23.0±1.0
		1	7	23.49	23.49	23.46	
		1	14	23.39	23.46	23.35	
		8	0	22.42	22.39	22.40	22.0±1.0
		8	4	22.41	22.41	22.41	
		8	7	22.43	22.51	22.47	
		15	0	22.40	22.40	22.40	22.0±1.0
	16QAM	1	0	22.39	22.46	22.45	22.0±1.0
		1	7	22.63	22.74	22.64	
		1	14	22.68	22.60	22.60	
		8	0	21.52	21.48	21.43	21.0±1.0
		8	4	21.52	21.46	21.42	
		8	7	21.56	21.56	21.43	
		15	0	21.47	21.40	21.42	21.0±1.0



LTE FDD Band 2 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18625/1852.5	18900/1880.0	19175/1907.5	
5MHz	QPSK	1	0	23.41	23.42	23.34	23.0±1.0
		1	13	23.45	23.45	23.42	
		1	24	23.42	23.47	23.43	
		12	0	22.42	22.42	22.35	22.0±1.0
		12	6	22.45	22.40	22.36	
		12	13	22.50	22.51	22.48	
		25	0	22.45	22.43	22.33	22.0±1.0
	16QAM	1	0	22.52	22.50	22.36	22.0±1.0
		1	13	22.61	22.63	22.62	
		1	24	22.52	22.66	22.67	
		12	0	21.51	21.46	21.36	21.0±1.0
		12	6	21.42	21.37	21.37	
		12	13	21.54	21.48	21.40	
		25	0	21.49	21.46	21.39	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18650/1855	18900/1880.0	19150/1905	
10MHz	QPSK	1	0	23.42	23.45	23.29	23.0±1.0
		1	25	23.37	23.41	23.35	
		1	49	23.39	23.42	23.31	
		25	0	22.41	22.48	22.37	22.0±1.0
		25	13	22.43	22.50	22.38	
		25	25	22.51	22.55	22.43	
		50	0	22.53	22.47	22.49	22.0±1.0
	16QAM	1	0	22.54	22.63	22.64	22.0±1.0
		1	25	22.61	22.51	22.46	
		1	49	22.60	22.85	22.59	
		25	0	21.43	21.47	21.40	21.0±1.0
		25	13	21.45	21.54	21.37	
		25	25	21.52	21.55	21.53	
		50	0	21.51	21.47	21.45	21.0±1.0



LTE FDD Band 2 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18675/1857.5	18900/1880.0	19125/1902.5	
15MHz	QPSK	1	0	23.40	23.37	23.33	23.0±1.0
		1	38	23.46	23.48	23.34	
		1	74	23.31	23.38	23.33	
		36	0	22.53	22.66	22.53	22.0±1.0
		36	18	22.59	22.64	22.57	
		36	39	22.61	22.55	22.50	
		75	0	22.46	22.41	22.34	22.0±1.0
	16QAM	1	0	22.44	22.69	22.43	22.0±1.0
		1	38	22.59	22.54	22.52	
		1	74	22.57	22.60	22.48	
		36	0	21.47	21.55	21.48	21.0±1.0
		36	18	21.51	21.62	21.55	
		36	39	21.50	21.58	21.58	
		75	0	21.49	21.46	21.39	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18700/1860.0	18900/1880.0	19100/1900.0	
20MHz	QPSK	1	0	23.43	23.41	23.40	23.0±1.0
		1	50	23.42	23.57	23.40	
		1	99	23.39	23.49	23.45	
		50	0	22.44	22.49	22.39	22.0±1.0
		50	25	22.37	22.48	22.36	
		50	50	22.55	22.51	22.47	
		100	0	22.46	22.42	22.44	22.0±1.0
	16QAM	1	0	22.49	22.56	22.55	22.0±1.0
		1	50	22.55	22.70	22.58	
		1	99	22.49	22.62	22.55	
		50	0	21.46	21.43	21.34	21.0±1.0
		50	25	21.47	21.43	21.40	
		50	50	21.49	21.48	21.42	
		100	0	21.52	21.43	21.42	21.0±1.0



LTE FDD Band 2 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18607/1850.7	18900/1880.0	19193/1909.3	
1.4MHz	QPSK	1	0	18.03	18.10	18.10	18.0±1.0
		1	3	18.01	18.08	18.03	
		1	5	17.97	18.10	18.08	
		3	0	18.02	18.05	18.04	18.0±1.0
		3	2	17.99	18.06	17.99	
		3	3	18.05	18.05	17.98	
		6	0	18.04	18.14	18.05	18.0±1.0
	16QAM	1	0	18.21	18.28	18.26	18.0±1.0
		1	3	18.19	18.24	18.23	
		1	5	18.16	18.21	18.20	
		3	0	17.99	18.15	18.12	18.0±1.0
		3	2	18.08	18.24	18.06	
		3	3	18.10	18.24	18.17	
		6	0	18.05	18.21	18.11	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18615/1851.5	18900/1880.0	19185/1908.5	
3MHz	QPSK	1	0	17.92	17.94	17.98	18.0±1.0
		1	7	18.12	18.10	18.12	
		1	14	18.04	18.08	17.98	
		8	0	18.08	18.07	18.03	18.0±1.0
		8	4	18.06	18.09	18.08	
		8	7	18.08	18.14	18.13	
		15	0	18.06	18.15	18.07	18.0±1.0
	16QAM	1	0	18.18	18.07	18.24	18.0±1.0
		1	7	18.39	18.42	18.33	
		1	14	18.21	18.28	18.38	
		8	0	18.16	18.17	18.11	18.0±1.0
		8	4	18.12	18.16	18.17	
		8	7	18.18	18.22	18.16	
		15	0	18.19	18.16	18.17	18.0±1.0



LTE FDD Band 2 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18625/1852.5	18900/1880.0	19175/1907.5	
5MHz	QPSK	1	0	18.06	18.06	18.10	18.0±1.0
		1	13	18.11	18.12	18.15	
		1	24	18.05	18.15	18.13	
		12	0	18.08	18.06	18.08	18.0±1.0
		12	6	18.06	18.04	18.05	
		12	13	18.10	18.19	18.12	
		25	0	18.10	18.06	18.08	18.0±1.0
	16QAM	1	0	18.18	18.21	18.11	18.0±1.0
		1	13	18.25	18.23	18.23	
		1	24	18.14	18.27	18.25	
		12	0	18.12	18.12	18.19	18.0±1.0
		12	6	18.07	18.14	18.12	
		12	13	18.24	18.22	18.08	
		25	0	18.14	18.13	18.15	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18650/1855	18900/1880.0	19150/1905	
10MHz	QPSK	1	0	17.99	18.05	17.96	18.0±1.0
		1	25	18.09	18.08	17.99	
		1	49	18.07	18.12	18.10	
		25	0	18.09	18.12	18.16	18.0±1.0
		25	13	18.08	18.13	18.09	
		25	25	18.14	18.21	18.13	
		50	0	18.14	18.12	18.11	18.0±1.0
	16QAM	1	0	18.24	18.28	18.19	18.0±1.0
		1	25	18.16	18.41	18.31	
		1	49	18.22	18.35	18.34	
		25	0	18.14	18.14	18.19	18.0±1.0
		25	13	18.17	18.20	18.22	
		25	25	18.18	18.24	18.15	
		50	0	18.18	18.13	18.15	18.0±1.0



LTE FDD Band 2 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18675/1857.5	18900/1880.0	19125/1902.5	
15MHz	QPSK	1	0	18.08	18.03	18.07	18.0±1.0
		1	38	18.11	18.03	17.97	
		1	74	18.00	18.05	18.10	
		36	0	18.20	18.26	18.27	18.0±1.0
		36	18	18.23	18.26	18.35	
		36	39	18.13	18.24	18.26	
		75	0	18.09	18.06	18.04	18.0±1.0
	16QAM	1	0	18.29	18.23	18.28	18.0±1.0
		1	38	18.47	18.28	18.22	
		1	74	18.16	18.31	18.23	
		36	0	18.34	18.22	18.25	18.0±1.0
		36	18	18.21	18.22	18.18	
		36	39	18.16	18.33	18.19	
		75	0	18.16	18.10	18.15	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				18700/1860.0	18900/1880.0	19100/1900.0	
20MHz	QPSK	1	0	18.10	18.14	18.10	18.0±1.0
		1	50	18.07	18.14	18.04	
		1	99	18.06	18.07	18.04	
		50	0	18.07	18.15	18.11	18.0±1.0
		50	25	18.08	18.13	18.07	
		50	50	18.14	18.21	18.10	
		100	0	18.13	18.11	18.03	18.0±1.0
	16QAM	1	0	18.24	18.34	18.18	18.0±1.0
		1	50	18.37	18.31	18.07	
		1	99	18.43	18.44	18.08	
		50	0	18.08	18.17	18.13	18.0±1.0
		50	25	18.10	18.14	18.08	
		50	50	18.18	18.24	18.16	
		100	0	18.19	18.13	18.09	18.0±1.0



2. LTE Band 4 Conducted Power Test Verdict:

LTE FDD Band 4 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	22.74	22.86	22.79	22.5±1.0
		1	3	22.69	22.85	22.76	
		1	5	22.68	22.85	22.81	
		3	0	21.69	21.85	21.76	21.5±1.0
		3	2	21.74	21.80	21.83	
		3	3	21.65	21.81	21.79	
		6	0	21.72	21.86	21.82	21.5±1.0
	16QAM	1	0	21.78	21.90	22.00	21.5±1.0
		1	3	21.77	22.05	21.96	
		1	5	21.88	22.11	22.09	
		3	0	20.75	21.00	20.92	20.5±1.0
		3	2	20.79	20.98	20.84	
		3	3	20.80	20.89	20.87	
		6	0	20.70	20.87	20.91	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	22.67	22.72	22.74	22.5±1.0
		1	7	22.70	22.89	22.85	
		1	14	22.70	22.84	22.79	
		8	0	21.76	21.87	21.83	21.5±1.0
		8	4	21.71	21.85	21.84	
		8	7	21.77	21.95	21.90	
		15	0	21.76	21.82	21.90	21.5±1.0
	16QAM	1	0	21.80	21.94	21.93	21.5±1.0
		1	7	21.83	22.03	21.98	
		1	14	21.77	21.87	22.00	
		8	0	20.77	20.91	20.89	20.5±1.0
		8	4	20.75	20.88	20.88	
		8	7	20.83	21.02	20.95	
		15	0	20.82	20.83	20.83	20.5±1.0



LTE FDD Band 4 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	22.67	22.93	22.81	22.5±1.0
		1	13	22.74	23.00	22.90	
		1	24	22.75	22.93	22.86	
		12	0	21.77	21.83	21.86	21.5±1.0
		12	6	21.76	21.82	21.83	
		12	13	21.79	21.97	21.88	
		25	0	21.77	21.80	21.85	21.5±1.0
	16QAM	1	0	21.84	21.87	21.90	21.5±1.0
		1	13	21.91	22.10	21.90	
		1	24	21.86	22.05	21.95	
		12	0	20.84	20.84	20.95	20.5±1.0
		12	6	20.67	20.88	20.76	
		12	13	20.82	20.94	20.91	
		25	0	20.80	20.82	20.85	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20000/1715.0	20175/1732.5	20350/1750.0	
10MHz	QPSK	1	0	22.70	22.79	22.78	22.5±1.0
		1	25	22.67	22.87	22.81	
		1	49	22.72	22.81	22.78	
		25	0	21.77	21.88	21.85	21.5±1.0
		25	13	21.72	21.87	21.81	
		25	25	21.80	21.93	21.87	
		50	0	21.80	21.86	21.79	21.5±1.0
	16QAM	1	0	22.02	21.96	21.95	21.5±1.0
		1	25	21.94	22.12	22.05	
		1	49	21.99	22.05	21.96	
		25	0	20.83	20.91	20.78	20.5±1.0
		25	13	20.89	21.00	20.85	
		25	25	20.85	20.93	20.89	
		50	0	20.81	20.87	20.75	20.5±1.0



LTE FDD Band 4 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	22.72	22.79	22.79	22.5±1.0
		1	38	22.71	22.82	22.75	
		1	74	22.67	22.84	22.65	
		36	0	22.01	21.94	22.03	21.5±1.0
		36	18	21.89	21.89	21.92	
		36	39	21.74	21.84	21.90	
		75	0	21.75	21.76	21.79	21.5±1.0
	16QAM	1	0	21.90	21.86	21.99	21.5±1.0
		1	38	21.79	21.86	21.88	
		1	74	21.94	21.89	21.86	
		36	0	20.86	20.98	21.01	20.5±1.0
		36	18	20.84	21.00	21.05	
		36	39	20.85	20.86	20.99	
		75	0	20.77	20.78	20.82	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20050/1720.0	20175/1732.5	20300/1745.0	
20MHz	QPSK	1	0	22.74	22.86	22.87	22.5±1.0
		1	50	22.71	22.91	22.81	
		1	99	22.68	22.73	22.76	
		50	0	21.69	21.84	21.85	21.5±1.0
		50	25	21.72	21.81	21.84	
		50	50	21.81	21.87	21.94	
		100	0	21.80	21.79	21.82	21.5±1.0
	16QAM	1	0	21.90	21.94	21.92	21.5±1.0
		1	50	21.97	22.14	22.00	
		1	99	21.72	21.76	21.89	
		50	0	20.73	20.83	20.80	20.5±1.0
		50	25	20.75	20.83	20.77	
		50	50	20.77	20.86	20.81	
		100	0	20.83	20.83	20.86	20.5±1.0



LTE FDD Band 4 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	17.41	17.39	17.39	17.0±1.0
		1	3	17.33	17.44	17.31	
		1	5	17.37	17.38	17.34	
		3	0	17.38	17.49	17.33	17.0±1.0
		3	2	17.35	17.52	17.31	
		3	3	17.42	17.39	17.31	
		6	0	17.40	17.43	17.37	17.0±1.0
	16QAM	1	0	17.60	17.45	17.47	17.0±1.0
		1	3	17.48	17.49	17.51	
		1	5	17.58	17.50	17.53	
		3	0	17.41	17.43	17.34	17.0±1.0
		3	2	17.43	17.39	17.38	
		3	3	17.41	17.37	17.41	
		6	0	17.50	17.40	17.47	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	17.26	17.27	17.26	17.0±1.0
		1	7	17.45	17.52	17.38	
		1	14	17.34	17.36	17.28	
		8	0	17.41	17.44	17.36	17.0±1.0
		8	4	17.42	17.41	17.36	
		8	7	17.48	17.50	17.42	
		15	0	17.44	17.44	17.39	17.0±1.0
	16QAM	1	0	17.37	17.42	17.52	17.0±1.0
		1	7	17.60	17.59	17.60	
		1	14	17.41	17.48	17.44	
		8	0	17.46	17.45	17.41	17.0±1.0
		8	4	17.50	17.40	17.40	
		8	7	17.50	17.58	17.40	
		15	0	17.44	17.41	17.40	17.0±1.0



LTE FDD Band 4 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	17.41	17.42	17.41	17.0±1.0
		1	13	17.45	17.56	17.43	
		1	24	17.46	17.49	17.44	
		12	0	17.46	17.41	17.44	17.0±1.0
		12	6	17.49	17.43	17.45	
		12	13	17.52	17.54	17.44	
		25	0	17.48	17.42	17.45	17.0±1.0
	16QAM	1	0	17.41	17.41	17.35	17.0±1.0
		1	13	17.62	17.66	17.64	
		1	24	17.53	17.53	17.43	
		12	0	17.57	17.49	17.38	17.0±1.0
		12	6	17.50	17.39	17.43	
		12	13	17.57	17.57	17.42	
		25	0	17.50	17.42	17.47	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20000/1715.0	20175/1732.5	20350/1750.0	
10MHz	QPSK	1	0	17.32	17.39	17.34	17.0±1.0
		1	25	17.40	17.53	17.42	
		1	49	17.35	17.40	17.38	
		25	0	17.54	17.46	17.43	17.0±1.0
		25	13	17.56	17.44	17.44	
		25	25	17.46	17.47	17.49	
		50	0	17.48	17.46	17.43	17.0±1.0
	16QAM	1	0	17.51	17.54	17.63	17.0±1.0
		1	25	17.72	17.68	17.62	
		1	49	17.64	17.51	17.53	
		25	0	17.53	17.47	17.44	17.0±1.0
		25	13	17.60	17.49	17.43	
		25	25	17.47	17.49	17.47	
		50	0	17.51	17.45	17.42	17.0±1.0

LTE FDD Band 4 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	17.42	17.40	17.37	17.0±1.0
		1	38	17.47	17.34	17.31	
		1	74	17.21	17.35	17.26	
		36	0	17.59	17.46	17.60	17.0±1.0
		36	18	17.54	17.48	17.44	
		36	39	17.40	17.37	17.40	
		75	0	17.41	17.33	17.31	17.0±1.0
	16QAM	1	0	17.64	17.54	17.68	17.0±1.0
		1	38	17.50	17.55	17.57	
		1	74	17.37	17.43	17.42	
		36	0	17.55	17.64	17.57	17.0±1.0
		36	18	17.61	17.57	17.60	
		36	39	17.46	17.45	17.42	
		75	0	17.43	17.36	17.37	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20050/1720.0	20175/1732.5	20300/1745.0	
20MHz	QPSK	1	0	17.36	17.28	17.29	17.0±1.0
		1	50	17.48	17.55	17.33	
		1	99	17.27	17.24	17.28	
		50	0	17.44	17.42	17.39	17.0±1.0
		50	25	17.41	17.46	17.42	
		50	50	17.40	17.39	17.41	
		100	0	17.41	17.39	17.43	17.0±1.0
	16QAM	1	0	17.66	17.42	17.38	17.0±1.0
		1	50	17.53	17.43	17.31	
		1	99	17.48	17.48	17.28	
		50	0	17.43	17.40	17.38	17.0±1.0
		50	25	17.41	17.43	17.39	
		50	50	17.43	17.43	17.40	
		100	0	17.43	17.37	17.41	17.0±1.0



LTE FDD Band 4 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	23.26	23.21	23.25	23.0±1.0
		1	3	23.19	23.21	23.24	
		1	5	23.26	23.18	23.27	
		3	0	22.24	22.20	22.29	22.0±1.0
		3	2	22.20	22.24	22.21	
		3	3	22.26	22.21	22.27	
		6	0	22.28	22.20	22.27	22.0±1.0
	16QAM	1	0	22.45	22.36	22.50	22.0±1.0
		1	3	22.42	22.32	22.49	
		1	5	22.51	22.34	22.46	
		3	0	21.32	21.29	21.32	21.0±1.0
		3	2	21.36	21.34	21.30	
		3	3	21.28	21.41	21.27	
		6	0	21.33	21.24	21.21	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	23.19	23.31	23.27	23.0±1.0
		1	7	23.35	23.43	23.35	
		1	14	23.22	23.28	23.28	
		8	0	22.28	22.33	22.32	22.0±1.0
		8	4	22.30	22.32	22.31	
		8	7	22.33	22.41	22.36	
		15	0	22.30	22.33	22.34	22.0±1.0
	16QAM	1	0	22.40	22.38	22.38	22.0±1.0
		1	7	22.52	22.68	22.55	
		1	14	22.47	22.49	22.45	
		8	0	21.31	21.35	21.38	21.0±1.0
		8	4	21.32	21.33	21.40	
		8	7	21.35	21.41	21.41	
		15	0	21.31	21.30	21.39	21.0±1.0



LTE FDD Band 4 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	23.36	23.39	23.31	23.0±1.0
		1	13	23.31	23.44	23.31	
		1	24	23.39	23.32	23.32	
		12	0	22.36	22.34	22.32	22.0±1.0
		12	6	22.34	22.33	22.33	
		12	13	22.33	22.43	22.40	
		25	0	22.34	22.30	22.35	22.0±1.0
	16QAM	1	0	22.42	22.36	22.36	22.0±1.0
		1	13	22.54	22.47	22.48	
		1	24	22.54	22.51	22.47	
		12	0	21.34	21.32	21.31	21.0±1.0
		12	6	21.34	21.36	21.36	
		12	13	21.33	21.43	21.47	
		25	0	21.35	21.36	21.35	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20000/1715.0	20175/1732.5	20350/1750.0	
10MHz	QPSK	1	0	23.24	23.39	23.23	23.0±1.0
		1	25	23.32	23.34	23.32	
		1	49	23.32	23.31	23.21	
		25	0	22.30	22.35	22.32	22.0±1.0
		25	13	22.25	22.37	22.25	
		25	25	22.31	22.43	22.34	
		50	0	22.32	22.34	22.28	22.0±1.0
	16QAM	1	0	22.55	22.43	22.37	22.0±1.0
		1	25	22.50	22.50	22.48	
		1	49	22.42	22.43	22.49	
		25	0	21.31	21.41	21.33	21.0±1.0
		25	13	21.27	21.40	21.37	
		25	25	21.33	21.42	21.38	
		50	0	21.35	21.36	21.28	21.0±1.0



LTE FDD Band 4 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	23.39	23.28	23.32	23.0±1.0
		1	38	23.23	23.30	23.19	
		1	74	23.11	23.28	23.20	
		36	0	22.55	22.49	22.49	22.0±1.0
		36	18	22.37	22.58	22.61	
		36	39	22.29	22.56	22.29	
		75	0	22.27	22.25	22.25	22.0±1.0
	16QAM	1	0	22.49	22.46	22.66	22.0±1.0
		1	38	22.40	22.46	22.46	
		1	74	22.33	22.53	22.37	
		36	0	21.39	21.39	21.38	21.0±1.0
		36	18	21.44	21.54	21.56	
		36	39	21.37	21.40	21.36	
		75	0	21.32	21.30	21.32	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20050/1720.0	20175/1732.5	20300/1745.0	
20MHz	QPSK	1	0	23.22	23.32	23.30	23.0±1.0
		1	50	23.31	23.40	23.27	
		1	99	23.20	23.21	23.18	
		50	0	22.27	22.35	22.30	22.0±1.0
		50	25	22.26	22.36	22.28	
		50	50	22.31	22.35	22.31	
		100	0	22.31	22.28	22.28	22.0±1.0
	16QAM	1	0	22.45	22.57	22.41	22.0±1.0
		1	50	22.42	22.70	22.53	
		1	99	22.40	22.33	22.31	
		50	0	21.26	21.34	21.27	21.0±1.0
		50	25	21.26	21.32	21.21	
		50	50	21.33	21.39	21.27	
		100	0	21.35	21.29	21.30	21.0±1.0



LTE FDD Band 4 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	18.01	18.11	18.10	18.0±1.0
		1	3	18.06	18.28	18.01	
		1	5	17.98	18.07	18.08	
		3	0	18.06	18.09	17.99	18.0±1.0
		3	2	18.05	18.08	18.00	
		3	3	17.99	18.13	18.01	
		6	0	18.08	18.14	18.06	18.0±1.0
	16QAM	1	0	18.20	18.21	18.23	18.0±1.0
		1	3	18.21	18.41	18.26	
		1	5	18.24	18.28	18.25	
		3	0	18.16	18.21	18.10	18.0±1.0
		3	2	18.10	18.21	18.16	
		3	3	18.06	18.36	18.07	
		6	0	18.10	18.20	18.07	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	18.02	18.02	17.92	18.0±1.0
		1	7	18.10	18.14	18.04	
		1	14	18.10	18.06	18.07	
		8	0	18.15	18.08	18.09	18.0±1.0
		8	4	18.13	18.09	18.12	
		8	7	18.14	18.17	18.09	
		15	0	18.12	18.08	18.06	18.0±1.0
	16QAM	1	0	18.17	18.17	18.13	18.0±1.0
		1	7	18.30	18.28	18.25	
		1	14	18.17	18.21	18.21	
		8	0	18.13	18.11	18.19	18.0±1.0
		8	4	18.21	18.06	18.22	
		8	7	18.22	18.21	18.21	
		15	0	18.21	18.09	18.20	18.0±1.0



LTE FDD Band 4 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	18.08	18.11	18.12	18.0±1.0
		1	13	18.16	18.18	18.18	
		1	24	18.19	18.21	18.09	
		12	0	18.06	18.07	18.11	18.0±1.0
		12	6	18.08	18.07	18.10	
		12	13	18.17	18.20	18.15	
		25	0	18.10	18.08	18.12	18.0±1.0
	16QAM	1	0	18.25	18.30	18.12	18.0±1.0
		1	13	18.28	18.29	18.27	
		1	24	18.27	18.30	18.13	
		12	0	18.05	18.06	18.22	18.0±1.0
		12	6	18.15	18.14	18.09	
		12	13	18.24	18.27	18.29	
		25	0	18.14	18.17	18.15	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20000/1715.0	20175/1732.5	20350/1750.0	
10MHz	QPSK	1	0	17.99	18.01	18.00	18.0±1.0
		1	25	18.05	18.11	18.03	
		1	49	18.03	18.09	17.96	
		25	0	18.12	18.16	18.07	18.0±1.0
		25	13	18.09	18.13	18.08	
		25	25	18.15	18.19	18.15	
		50	0	18.05	18.08	18.09	18.0±1.0
	16QAM	1	0	18.26	18.37	18.25	18.0±1.0
		1	25	18.32	18.34	18.29	
		1	49	18.24	18.28	18.16	
		25	0	18.18	18.22	18.14	18.0±1.0
		25	13	18.17	18.19	18.12	
		25	25	18.19	18.22	18.16	
		50	0	18.12	18.15	18.08	18.0±1.0



LTE FDD Band 4 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	18.04	18.07	18.16	18.0±1.0
		1	38	18.02	18.06	18.03	
		1	74	18.01	17.97	17.99	
		36	0	18.24	18.22	18.26	18.0±1.0
		36	18	18.36	18.20	18.35	
		36	39	18.14	18.20	18.13	
		75	0	18.05	18.02	18.07	18.0±1.0
	16QAM	1	0	18.28	18.22	18.38	18.0±1.0
		1	38	18.21	18.21	18.23	
		1	74	17.99	18.14	18.20	
		36	0	18.23	18.34	18.33	18.0±1.0
		36	18	18.19	18.22	18.26	
		36	39	18.05	18.20	18.11	
		75	0	18.13	18.09	18.15	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20050/1720.0	20175/1732.5	20300/1745.0	
20MHz	QPSK	1	0	17.99	17.97	18.16	18.0±1.0
		1	50	18.04	18.14	18.13	
		1	99	18.05	18.04	18.10	
		50	0	18.06	18.14	18.28	18.0±1.0
		50	25	18.06	18.11	18.14	
		50	50	18.10	18.12	18.26	
		100	0	18.12	18.06	18.27	18.0±1.0
	16QAM	1	0	18.20	18.25	18.13	18.0±1.0
		1	50	18.23	18.27	18.26	
		1	99	18.07	18.18	18.30	
		50	0	18.07	18.13	18.14	18.0±1.0
		50	25	18.08	18.17	18.11	
		50	50	18.14	18.15	18.25	
		100	0	18.15	18.09	18.13	18.0±1.0



3. LTE Band 5 Conducted Power Test Verdict:

LTE FDD Band 5 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	22.81	22.85	22.80	22.5±1.0
		1	3	22.86	22.91	22.81	
		1	5	22.83	22.82	22.75	
		3	0	21.87	21.82	21.77	21.5±1.0
		3	2	21.77	21.86	21.79	
		3	3	21.78	21.82	21.77	
		6	0	21.92	21.95	21.87	21.5±1.0
	16QAM	1	0	21.96	22.08	21.95	21.5±1.0
		1	3	22.04	22.00	21.90	
		1	5	21.88	21.96	22.09	
		3	0	20.90	20.93	20.91	20.5±1.0
		3	2	20.87	20.86	20.84	
		3	3	20.91	20.94	20.92	
		6	0	20.93	21.05	20.88	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	22.88	22.81	22.87	22.5±1.0
		1	7	23.05	22.87	22.93	
		1	14	22.89	22.76	22.85	
		8	0	22.11	21.92	21.92	21.5±1.0
		8	4	22.12	21.90	21.91	
		8	7	22.09	21.93	21.94	
		15	0	22.08	21.85	22.01	21.5±1.0
	16QAM	1	0	22.05	22.05	22.04	21.5±1.0
		1	7	22.18	22.04	22.19	
		1	14	22.06	22.06	22.02	
		8	0	21.11	20.93	20.95	20.5±1.0
		8	4	21.09	20.95	20.90	
		8	7	21.10	21.03	20.97	
		15	0	21.11	20.96	21.06	20.5±1.0



LTE FDD Band 5 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	22.97	23.03	22.98	22.5±1.0
		1	13	22.97	22.95	22.95	
		1	24	22.90	22.89	22.89	
		12	0	21.94	21.96	21.88	21.5±1.0
		12	6	21.95	21.93	21.86	
		12	13	22.00	21.94	21.93	
		25	0	22.01	21.89	21.85	21.5±1.0
	16QAM	1	0	22.14	22.10	21.98	21.5±1.0
		1	13	22.05	22.14	21.91	
		1	24	22.14	22.07	21.96	
		12	0	20.91	21.03	20.94	20.5±1.0
		12	6	20.90	20.90	20.86	
		12	13	21.08	20.98	21.00	
		25	0	21.01	20.92	20.87	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20450/829.0	20525/836.5	20600/844.0	
10MHz	QPSK	1	0	22.83	22.93	22.95	22.5±1.0
		1	25	22.87	23.02	22.83	
		1	49	22.78	22.89	22.81	
		25	0	21.96	22.00	21.93	21.5±1.0
		25	13	21.96	21.97	21.93	
		25	25	21.98	22.01	21.97	
		50	0	22.02	21.94	21.94	21.5±1.0
	16QAM	1	0	21.96	22.10	22.17	21.5±1.0
		1	25	22.06	22.14	22.15	
		1	49	22.02	21.93	21.96	
		25	0	20.97	21.02	20.96	20.5±1.0
		25	13	21.04	20.99	20.97	
		25	25	21.07	21.08	20.98	
		50	0	21.03	20.97	20.94	20.5±1.0



LTE FDD Band 5 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	18.80	18.88	18.82	18.5±1.0
		1	3	18.91	18.90	18.85	
		1	5	18.78	18.85	18.79	
		3	0	18.86	18.79	18.82	18.5±1.0
		3	2	18.88	18.87	18.80	
		3	3	18.84	18.94	18.84	
		6	0	18.87	18.90	18.89	18.5±1.0
	16QAM	1	0	19.01	18.92	18.99	18.5±1.0
		1	3	18.94	19.01	19.00	
		1	5	18.88	19.00	18.90	
		3	0	18.95	19.04	18.92	18.5±1.0
		3	2	18.99	18.95	18.90	
		3	3	18.86	18.93	18.91	
		6	0	18.95	18.95	18.95	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	18.85	18.77	18.76	18.5±1.0
		1	7	18.94	18.90	18.91	
		1	14	18.78	18.84	18.67	
		8	0	19.03	18.95	18.80	18.5±1.0
		8	4	19.02	18.96	18.86	
		8	7	19.00	18.95	18.90	
		15	0	19.04	18.88	18.92	18.5±1.0
	16QAM	1	0	19.07	19.09	18.90	18.5±1.0
		1	7	19.16	19.08	19.09	
		1	14	18.96	19.15	18.92	
		8	0	19.05	18.97	18.89	18.5±1.0
		8	4	19.05	19.01	18.92	
		8	7	19.03	19.03	18.98	
		15	0	19.07	18.90	19.02	18.5±1.0



LTE FDD Band 5 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	18.94	19.01	18.93	18.5±1.0
		1	13	18.97	18.96	18.88	
		1	24	18.93	18.93	18.88	
		12	0	18.92	18.92	18.86	18.5±1.0
		12	6	18.93	18.93	18.86	
		12	13	18.96	18.98	18.88	
		25	0	18.95	18.88	18.90	18.5±1.0
	16QAM	1	0	19.04	18.97	19.09	18.5±1.0
		1	13	19.14	19.11	19.19	
		1	24	19.05	19.05	19.02	
		12	0	18.95	18.96	19.01	18.5±1.0
		12	6	18.98	18.97	19.07	
		12	13	19.03	18.97	18.93	
		25	0	19.01	18.95	19.01	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20450/829.0	20525/836.5	20600/844.0	
10MHz	QPSK	1	0	18.88	18.93	18.83	18.5±1.0
		1	25	18.87	18.93	19.09	
		1	49	18.78	18.84	18.87	
		25	0	18.94	18.97	19.10	18.5±1.0
		25	13	18.91	18.96	18.84	
		25	25	18.97	19.01	19.12	
		50	0	18.98	18.90	18.94	18.5±1.0
	16QAM	1	0	18.98	19.14	18.97	18.5±1.0
		1	25	19.10	19.16	18.92	
		1	49	19.20	19.17	18.94	
		25	0	19.01	19.01	18.95	18.5±1.0
		25	13	19.00	19.03	19.13	
		25	25	19.02	19.04	18.96	
		50	0	19.04	18.98	19.09	18.5±1.0



LTE FDD Band 5 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.20	23.28	23.23	23.0±1.0
		1	3	23.33	23.26	23.21	
		1	5	23.19	23.21	23.22	
		3	0	22.22	22.15	22.23	22.0±1.0
		3	2	22.21	22.21	22.24	
		3	3	22.19	22.12	22.19	
		6	0	22.26	22.22	22.25	22.0±1.0
	16QAM	1	0	22.33	22.31	22.33	22.0±1.0
		1	3	22.43	22.43	22.39	
		1	5	22.35	22.29	22.44	
		3	0	21.27	21.30	21.31	21.0±1.0
		3	2	21.25	21.25	21.29	
		3	3	21.30	21.33	21.30	
		6	0	21.27	21.21	21.39	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.28	23.21	23.20	23.0±1.0
		1	7	23.41	23.30	23.34	
		1	14	23.27	23.14	23.22	
		8	0	22.39	22.22	22.42	22.0±1.0
		8	4	22.40	22.20	22.37	
		8	7	22.35	22.29	22.34	
		15	0	22.37	22.20	22.41	22.0±1.0
	16QAM	1	0	22.48	22.43	22.37	22.0±1.0
		1	7	22.50	22.42	22.67	
		1	14	22.47	22.32	22.35	
		8	0	21.37	21.33	21.42	21.0±1.0
		8	4	21.39	21.33	21.44	
		8	7	21.34	21.41	21.43	
		15	0	21.41	21.23	21.40	21.0±1.0



LTE FDD Band 5 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.29	23.34	23.35	23.0±1.0
		1	13	23.26	23.30	23.32	
		1	24	23.20	23.27	23.18	
		12	0	22.28	22.26	22.23	22.0±1.0
		12	6	22.27	22.24	22.23	
		12	13	22.29	22.28	22.25	
		25	0	22.31	22.22	22.19	22.0±1.0
	16QAM	1	0	22.38	22.36	22.29	22.0±1.0
		1	13	22.47	22.33	22.38	
		1	24	22.33	22.18	22.25	
		12	0	21.29	21.24	21.28	21.0±1.0
		12	6	21.30	21.27	21.25	
		12	13	21.33	21.23	21.23	
		25	0	21.35	21.25	21.23	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20450/829.0	20525/836.5	20600/844.0	
10MHz	QPSK	1	0	23.33	23.37	23.33	23.0±1.0
		1	25	23.27	23.22	23.29	
		1	49	23.22	23.36	23.28	
		25	0	22.30	22.25	22.23	22.0±1.0
		25	13	22.29	22.28	22.24	
		25	25	22.32	22.33	22.28	
		50	0	22.36	22.24	22.24	22.0±1.0
	16QAM	1	0	22.39	22.43	22.34	22.0±1.0
		1	25	22.60	22.57	22.25	
		1	49	22.26	22.47	22.35	
		25	0	21.35	21.28	21.29	21.0±1.0
		25	13	21.28	21.28	21.30	
		25	25	21.38	21.36	21.30	
		50	0	21.33	21.26	21.23	21.0±1.0



LTE FDD Band 5 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	19.00	18.98	18.96	19.0±1.0
		1	3	19.00	19.03	18.99	
		1	5	18.98	19.05	18.93	
		3	0	19.02	19.00	18.94	19.0±1.0
		3	2	19.01	19.06	18.94	
		3	3	18.97	18.98	18.98	
		6	0	19.03	19.09	19.03	19.0±1.0
	16QAM	1	0	19.23	19.21	19.21	19.0±1.0
		1	3	19.12	19.17	19.21	
		1	5	19.10	19.22	19.06	
		3	0	19.01	19.02	19.00	19.0±1.0
		3	2	19.07	18.99	18.99	
		3	3	19.03	19.03	19.02	
		6	0	18.98	19.10	19.02	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	18.92	18.97	18.78	19.0±1.0
		1	7	18.97	19.12	18.88	
		1	14	18.83	18.96	18.70	
		8	0	19.03	19.08	18.83	19.0±1.0
		8	4	19.02	19.08	18.80	
		8	7	19.00	19.15	18.88	
		15	0	19.02	19.04	18.85	19.0±1.0
	16QAM	1	0	19.00	19.19	18.99	19.0±1.0
		1	7	19.10	19.22	18.98	
		1	14	19.07	19.08	18.93	
		8	0	19.01	19.25	18.81	19.0±1.0
		8	4	19.01	19.10	18.83	
		8	7	18.99	19.22	18.92	
		15	0	19.07	19.02	18.95	19.0±1.0



LTE FDD Band 5 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	19.00	19.16	19.10	19.0±1.0
		1	13	19.07	19.10	19.07	
		1	24	19.02	19.08	19.10	
		12	0	19.05	19.07	19.00	19.0±1.0
		12	6	19.07	19.11	19.04	
		12	13	19.09	19.10	19.05	
		25	0	19.10	19.05	19.09	19.0±1.0
	16QAM	1	0	19.18	19.27	19.20	19.0±1.0
		1	13	19.12	19.27	19.15	
		1	24	19.06	19.07	19.10	
		12	0	19.02	19.03	18.99	19.0±1.0
		12	6	19.14	19.19	19.11	
		12	13	19.04	19.19	19.12	
		25	0	19.12	19.07	19.12	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20450/829.0	20525/836.5	20600/844.0	
10MHz	QPSK	1	0	18.96	19.08	19.00	19.0±1.0
		1	25	19.02	19.00	19.02	
		1	49	18.94	19.06	18.92	
		25	0	19.09	19.09	19.06	19.0±1.0
		25	13	19.10	19.11	19.07	
		25	25	19.13	19.13	19.11	
		50	0	19.14	19.05	19.12	19.0±1.0
	16QAM	1	0	19.16	19.23	19.29	19.0±1.0
		1	25	19.26	19.22	19.23	
		1	49	19.21	19.14	19.19	
		25	0	19.13	19.14	19.08	19.0±1.0
		25	13	19.09	19.14	19.08	
		25	25	19.18	19.15	19.10	
		50	0	19.13	19.08	19.13	19.0±1.0



4. LTE Band 7 Conducted Power Test Verdict:

LTE FDD Band 7 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20775/2502.5	21100/2535.0	21425/2567.5	
5MHz	QPSK	1	0	23.07	23.04	22.95	22.5±1.0
		1	13	23.12	22.98	23.06	
		1	24	23.00	22.95	23.03	
		12	0	22.14	22.02	22.01	21.5±1.0
		12	6	22.14	21.98	22.01	
		12	13	22.13	22.02	22.10	
		25	0	22.15	22.03	22.07	21.5±1.0
	16QAM	1	0	22.17	21.97	22.14	21.5±1.0
		1	13	22.30	22.13	22.21	
		1	24	22.12	22.02	22.13	
		12	0	21.09	20.97	21.08	20.5±1.0
		12	6	21.18	21.01	21.00	
		12	13	21.20	21.07	21.18	
		25	0	21.18	21.03	21.12	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20800/2505.0	21100/2535.0	21400/2565.0	
10MHz	QPSK	1	0	23.10	23.02	23.00	22.5±1.0
		1	25	23.05	22.92	22.97	
		1	49	22.98	22.91	22.96	
		25	0	22.15	22.06	21.97	21.5±1.0
		25	13	22.16	22.05	22.00	
		25	25	22.17	21.98	22.06	
		50	0	22.15	22.10	22.11	21.5±1.0
	16QAM	1	0	22.31	22.19	22.27	21.5±1.0
		1	25	22.26	22.19	22.23	
		1	49	22.26	22.01	22.20	
		25	0	21.21	21.07	21.02	20.5±1.0
		25	13	21.16	21.11	21.03	
		25	25	21.19	21.07	21.09	
		50	0	21.19	21.05	21.15	20.5±1.0



LTE FDD Band 7 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20825/2507.5	21100/2535.0	21375/2562.5	
15MHz	QPSK	1	0	22.98	22.91	22.98	22.5±1.0
		1	38	23.02	22.93	22.97	
		1	74	22.98	22.86	22.95	
		36	0	22.30	22.05	22.14	21.5±1.0
		36	18	22.29	22.12	22.14	
		36	39	22.16	22.14	22.15	
		75	0	22.09	21.98	22.06	21.5±1.0
	16QAM	1	0	22.21	22.16	22.18	21.5±1.0
		1	38	22.17	22.17	22.13	
		1	74	22.14	22.02	22.11	
		36	0	21.19	21.16	21.20	20.5±1.0
		36	18	21.23	21.07	21.14	
		36	39	21.15	20.99	21.05	
		75	0	21.10	20.92	21.02	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20850/2510.0	21100/2535.0	21350/2560.0	
20MHz	QPSK	1	0	23.08	22.96	23.04	22.5±1.0
		1	50	23.10	22.97	23.01	
		1	99	22.99	23.02	23.01	
		50	0	22.10	21.98	21.98	21.5±1.0
		50	25	22.06	21.97	21.95	
		50	50	21.99	22.06	22.01	
		100	0	22.07	22.02	22.07	21.5±1.0
	16QAM	1	0	22.22	22.18	22.05	21.5±1.0
		1	50	22.21	22.20	22.14	
		1	99	22.18	22.08	22.09	
		50	0	21.06	21.00	20.94	20.5±1.0
		50	25	21.11	21.01	21.01	
		50	50	21.05	21.04	21.00	
		100	0	21.02	21.01	21.07	20.5±1.0



LTE FDD Band 7 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20775/2502.5	21100/2535.0	21425/2567.5	
5MHz	QPSK	1	0	19.66	19.56	19.57	19.5±1.0
		1	13	19.74	19.57	19.60	
		1	24	19.59	19.54	19.58	
		12	0	19.79	19.59	19.62	19.5±1.0
		12	6	19.79	19.61	19.64	
		12	13	19.72	19.63	19.65	
		25	0	19.71	19.59	19.66	19.5±1.0
	16QAM	1	0	19.90	19.69	19.68	19.5±1.0
		1	13	19.87	19.80	19.75	
		1	24	19.77	19.66	19.66	
		12	0	19.78	19.60	19.66	19.5±1.0
		12	6	19.92	19.61	19.65	
		12	13	19.79	19.51	19.70	
		25	0	19.77	19.62	19.67	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20800/2505.0	21100/2535.0	21400/2565.0	
10MHz	QPSK	1	0	19.68	19.57	19.53	19.5±1.0
		1	25	19.66	19.51	19.51	
		1	49	19.62	19.48	19.55	
		25	0	19.83	19.60	19.61	19.5±1.0
		25	13	19.84	19.59	19.61	
		25	25	19.69	19.58	19.65	
		50	0	19.68	19.60	19.65	19.5±1.0
	16QAM	1	0	20.05	19.69	19.80	19.5±1.0
		1	25	19.85	19.73	19.81	
		1	49	19.76	19.69	19.76	
		25	0	19.83	19.66	19.60	19.5±1.0
		25	13	19.76	19.65	19.61	
		25	25	19.72	19.62	19.68	
		50	0	19.72	19.62	19.67	19.5±1.0



LTE FDD Band 7 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20825/2507.5	21100/2535.0	21375/2562.5	
15MHz	QPSK	1	0	19.62	19.50	19.55	19.5±1.0
		1	38	19.54	19.54	19.47	
		1	74	19.50	19.48	19.52	
		36	0	19.89	19.73	19.72	19.5±1.0
		36	18	19.76	19.67	19.61	
		36	39	19.81	19.71	19.60	
		75	0	19.59	19.50	19.52	19.5±1.0
	16QAM	1	0	19.89	19.67	19.65	19.5±1.0
		1	38	19.64	19.72	19.94	
		1	74	19.69	19.55	19.61	
		36	0	20.02	19.76	19.63	19.5±1.0
		36	18	19.89	19.68	19.62	
		36	39	19.63	19.71	19.58	
		75	0	19.63	19.56	19.55	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20850/2510.0	21100/2535.0	21350/2560.0	
20MHz	QPSK	1	0	19.68	19.58	19.51	19.5±1.0
		1	50	19.59	19.55	19.55	
		1	99	19.61	19.58	19.50	
		50	0	19.72	19.60	19.57	19.5±1.0
		50	25	19.77	19.61	19.56	
		50	50	19.64	19.55	19.62	
		100	0	19.60	19.57	19.53	19.5±1.0
	16QAM	1	0	19.82	19.83	19.83	19.5±1.0
		1	50	19.74	19.65	19.81	
		1	99	19.70	19.70	19.62	
		50	0	19.76	19.62	19.54	19.5±1.0
		50	25	19.76	19.60	19.57	
		50	50	19.61	19.57	19.66	
		100	0	19.63	19.59	19.57	19.5±1.0



LTE FDD Band 7 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20775/2502.5	21100/2535.0	21425/2567.5	
5MHz	QPSK	1	0	23.54	23.46	23.61	23.0±1.0
		1	13	23.58	23.58	23.66	
		1	24	23.45	23.45	23.55	
		12	0	22.51	22.52	22.57	22.0±1.0
		12	6	22.57	22.50	22.56	
		12	13	22.60	22.52	22.64	
		25	0	22.55	22.53	22.68	22.0±1.0
	16QAM	1	0	22.69	22.63	22.73	22.5±1.0
		1	13	22.73	22.63	22.77	
		1	24	22.48	22.61	22.68	
		12	0	21.60	21.56	21.54	21.0±1.0
		12	6	21.64	21.52	21.63	
		12	13	21.60	21.46	21.75	
		25	0	21.61	21.51	21.66	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20800/2505.0	21100/2535.0	21400/2565.0	
10MHz	QPSK	1	0	23.48	23.46	23.53	23.0±1.0
		1	25	23.45	23.44	23.54	
		1	49	23.38	23.37	23.45	
		25	0	22.57	22.54	22.55	22.0±1.0
		25	13	22.61	22.54	22.53	
		25	25	22.57	22.53	22.59	
		50	0	22.55	22.53	22.65	22.0±1.0
	16QAM	1	0	22.53	22.81	22.69	22.5±1.0
		1	25	22.77	22.74	22.74	
		1	49	22.66	22.63	22.67	
		25	0	21.62	21.48	21.54	21.0±1.0
		25	13	21.61	21.57	21.60	
		25	25	21.58	21.60	21.66	
		50	0	21.59	21.55	21.63	21.0±1.0



LTE FDD Band 7 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20825/2507.5	21100/2535.0	21375/2562.5	
15MHz	QPSK	1	0	23.38	23.43	23.50	23.0±1.0
		1	38	23.40	23.41	23.45	
		1	74	23.34	23.32	23.48	
		36	0	22.69	22.70	22.73	22.0±1.0
		36	18	22.65	22.61	22.71	
		36	39	22.56	22.54	22.63	
		75	0	22.44	22.43	22.59	22.0±1.0
	16QAM	1	0	22.66	22.64	22.63	22.5±1.0
		1	38	22.74	22.62	22.89	
		1	74	22.54	22.65	22.67	
		36	0	21.63	21.56	21.66	21.5±1.0
		36	18	21.79	21.61	21.71	
		36	39	21.46	21.65	21.77	
		75	0	21.50	21.47	21.51	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20850/2510.0	21100/2535.0	21350/2560.0	
20MHz	QPSK	1	0	23.60	23.48	23.48	23.0±1.0
		1	50	23.55	23.49	23.64	
		1	99	23.38	23.42	23.54	
		50	0	22.55	22.45	22.56	22.0±1.0
		50	25	22.56	22.44	22.60	
		50	50	22.47	22.53	22.62	
		100	0	22.49	22.47	22.60	22.0±1.0
	16QAM	1	0	22.58	22.71	22.70	22.5±1.0
		1	50	22.65	22.60	22.85	
		1	99	22.63	22.63	22.79	
		50	0	21.57	21.45	21.60	21.0±1.0
		50	25	21.57	21.38	21.56	
		50	50	21.62	21.54	21.62	
		100	0	21.61	21.57	21.64	21.0±1.0



LTE FDD Band 7 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20775/2502.5	21100/2535.0	21425/2567.5	
5MHz	QPSK	1	0	19.93	19.78	19.87	20.0±1.0
		1	13	20.04	19.79	19.83	
		1	24	19.92	19.75	19.85	
		12	0	20.03	19.81	19.92	20.0±1.0
		12	6	20.05	19.82	19.89	
		12	13	19.99	19.86	19.90	
		25	0	19.95	19.81	19.89	20.0±1.0
	16QAM	1	0	20.18	19.98	19.98	20.0±1.0
		1	13	20.08	19.89	20.05	
		1	24	20.06	20.06	20.03	
		12	0	20.09	19.89	19.93	20.0±1.0
		12	6	20.04	19.91	19.95	
		12	13	20.15	19.82	20.00	
		25	0	20.08	19.92	19.93	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20800/2505.0	21100/2535.0	21400/2565.0	
10MHz	QPSK	1	0	19.93	19.78	19.85	20.0±1.0
		1	25	19.97	19.82	19.82	
		1	49	19.84	19.65	19.81	
		25	0	20.02	19.84	19.81	20.0±1.0
		25	13	20.05	19.84	19.85	
		25	25	19.94	19.83	19.89	
		50	0	19.94	19.84	19.88	20.0±1.0
	16QAM	1	0	20.15	20.07	19.98	20.0±1.0
		1	25	19.99	20.10	20.02	
		1	49	19.95	19.98	19.98	
		25	0	20.03	19.95	19.89	20.0±1.0
		25	13	20.04	19.90	19.90	
		25	25	19.98	19.91	19.99	
		50	0	20.03	19.89	19.91	20.0±1.0



LTE FDD Band 7 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20825/2507.5	21100/2535.0	21375/2562.5	
15MHz	QPSK	1	0	19.88	19.71	19.79	20.0±1.0
		1	38	19.86	19.65	19.73	
		1	74	19.79	19.65	19.79	
		36	0	20.07	19.95	20.03	20.0±1.0
		36	18	20.24	19.89	19.93	
		36	39	20.14	19.88	19.96	
		75	0	19.83	19.75	19.75	20.0±1.0
	16QAM	1	0	20.14	19.93	20.00	20.0±1.0
		1	38	20.00	19.94	20.08	
		1	74	20.00	19.86	20.00	
		36	0	20.15	19.96	20.03	20.0±1.0
		36	18	20.07	20.10	20.02	
		36	39	19.99	19.93	19.93	
		75	0	19.84	19.83	19.84	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				20850/2510.0	21100/2535.0	21350/2560.0	
20MHz	QPSK	1	0	19.93	19.84	19.83	20.0±1.0
		1	50	19.93	19.77	19.85	
		1	99	19.78	19.78	19.93	
		50	0	19.96	19.85	19.81	20.0±1.0
		50	25	19.94	19.84	19.78	
		50	50	19.83	19.79	19.89	
		100	0	19.82	19.83	19.76	20.0±1.0
	16QAM	1	0	20.08	19.97	19.97	20.0±1.0
		1	50	20.00	19.98	19.98	
		1	99	19.91	19.84	20.05	
		50	0	19.94	19.90	19.86	20.0±1.0
		50	25	19.96	19.88	19.87	
		50	50	19.94	19.89	19.91	
		100	0	19.93	19.87	19.97	20.0±1.0



5. LTE Band 12 Conducted Power Test Verdict:

LTE FDD Band 12 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	22.80	23.03	22.81	22.5±1.0
		1	3	22.78	23.11	22.86	
		1	5	22.73	23.00	22.81	
		3	0	21.76	21.96	21.76	21.5±1.0
		3	2	21.73	21.98	21.71	
		3	3	21.79	21.95	21.76	
		6	0	21.81	21.93	21.78	21.5±1.0
	16QAM	1	0	21.87	22.03	21.94	21.5±1.0
		1	3	21.97	22.18	22.01	
		1	5	21.94	22.12	21.96	
		3	0	20.88	21.12	20.93	20.5±1.0
		3	2	20.86	21.02	20.91	
		3	3	20.82	21.05	20.94	
		6	0	20.82	20.98	20.91	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	22.91	22.72	22.97	22.5±1.0
		1	7	23.09	22.92	23.07	
		1	14	22.96	22.77	22.88	
		8	0	22.07	21.90	21.96	21.5±1.0
		8	4	22.08	21.86	21.97	
		8	7	22.06	21.87	22.04	
		15	0	22.10	21.84	22.04	21.5±1.0
	16QAM	1	0	22.19	21.88	22.07	21.5±1.0
		1	7	22.13	22.13	22.19	
		1	14	22.07	21.85	22.07	
		8	0	21.13	20.91	20.97	20.5±1.0
		8	4	21.12	20.92	20.99	
		8	7	21.09	20.95	21.03	
		15	0	21.10	20.86	21.04	20.5±1.0



LTE FDD Band 12 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	22.81	23.09	23.00	22.5±1.0
		1	13	22.83	23.12	22.93	
		1	24	22.88	22.87	22.94	
		12	0	21.80	21.95	21.83	21.5±1.0
		12	6	21.80	21.97	21.83	
		12	13	21.85	21.86	21.86	
		25	0	21.82	21.85	21.87	21.5±1.0
	16QAM	1	0	21.85	22.05	22.08	21.5±1.0
		1	13	22.03	22.09	21.91	
		1	24	21.97	21.95	21.99	
		12	0	20.92	20.92	20.80	20.5±1.0
		12	6	20.74	20.95	20.81	
		12	13	20.92	20.93	20.93	
		25	0	20.89	20.94	20.88	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23060/704.0	23095/707.5	23130/711.0	
10MHz	QPSK	1	0	22.74	23.05	22.80	22.5±1.0
		1	25	22.82	23.16	22.84	
		1	49	22.76	22.91	22.79	
		25	0	21.82	21.96	21.84	21.5±1.0
		25	13	21.83	21.87	21.81	
		25	25	21.88	21.90	21.88	
		50	0	21.89	21.83	21.82	21.5±1.0
	16QAM	1	0	22.01	22.08	21.99	21.5±1.0
		1	25	21.92	21.94	22.02	
		1	49	21.95	22.07	21.87	
		25	0	20.86	20.95	20.85	20.5±1.0
		25	13	20.81	20.87	20.87	
		25	25	20.91	20.93	20.94	
		50	0	20.91	20.87	20.84	20.5±1.0



LTE FDD Band 12 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	19.84	19.83	19.82	20.0±1.0
		1	3	19.84	19.87	19.91	
		1	5	19.79	19.81	19.79	
		3	0	19.80	19.75	19.83	20.0±1.0
		3	2	19.75	19.82	19.80	
		3	3	19.75	19.82	19.81	
		6	0	19.82	19.84	19.83	20.0±1.0
	16QAM	1	0	19.96	19.92	19.82	20.0±1.0
		1	3	19.99	20.00	19.90	
		1	5	19.91	19.95	19.90	
		3	0	19.88	19.81	19.84	20.0±1.0
		3	2	19.91	19.90	19.87	
		3	3	19.84	19.79	19.83	
		6	0	19.76	19.80	19.91	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	19.84	19.76	19.84	20.0±1.0
		1	7	19.94	19.88	19.98	
		1	14	19.80	19.76	19.84	
		8	0	19.96	19.86	19.88	20.0±1.0
		8	4	19.95	19.85	19.88	
		8	7	19.94	19.93	19.92	
		15	0	19.91	19.96	19.91	20.0±1.0
	16QAM	1	0	20.03	19.92	20.02	20.0±1.0
		1	7	20.13	19.89	20.03	
		1	14	20.01	19.85	19.90	
		8	0	19.95	19.83	19.79	20.0±1.0
		8	4	19.91	19.79	19.85	
		8	7	19.91	19.91	19.89	
		15	0	19.93	19.87	19.94	20.0±1.0



LTE FDD Band 12 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	19.98	19.98	19.91	20.0±1.0
		1	13	19.97	20.03	19.87	
		1	24	19.91	19.90	19.89	
		12	0	19.83	19.87	19.89	20.0±1.0
		12	6	19.84	19.89	19.89	
		12	13	19.90	19.91	19.91	
		25	0	19.92	19.83	19.87	20.0±1.0
	16QAM	1	0	19.91	19.97	20.02	20.0±1.0
		1	13	20.05	20.01	19.97	
		1	24	19.85	19.92	19.96	
		12	0	19.92	19.80	19.92	20.0±1.0
		12	6	19.98	19.92	19.85	
		12	13	19.92	19.85	19.87	
		25	0	19.92	19.87	19.82	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23060/704.0	23095/707.5	23130/711.0	
10MHz	QPSK	1	0	19.84	19.84	19.85	20.0±1.0
		1	25	19.79	19.77	19.88	
		1	49	19.83	19.80	19.90	
		25	0	19.91	19.86	19.89	20.0±1.0
		25	13	19.87	19.83	19.86	
		25	25	19.94	19.96	19.98	
		50	0	19.95	19.88	19.99	20.0±1.0
	16QAM	1	0	19.94	20.03	20.12	20.0±1.0
		1	25	19.97	19.99	20.06	
		1	49	19.86	19.92	19.97	
		25	0	19.82	19.82	19.90	20.0±1.0
		25	13	19.89	19.82	19.82	
		25	25	19.97	19.93	19.90	
		50	0	19.90	19.90	19.94	20.0±1.0



LTE FDD Band 12 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.99	23.96	23.91	23.5±1.0
		1	3	24.07	24.00	23.95	
		1	5	23.98	23.93	23.87	
		3	0	23.00	22.96	22.89	22.5±1.0
		3	2	23.07	22.85	22.97	
		3	3	23.03	22.94	22.86	
		6	0	23.06	22.84	22.94	22.5±1.0
	16QAM	1	0	23.16	23.07	23.04	22.5±1.0
		1	3	23.23	23.16	23.12	
		1	5	23.17	23.02	23.07	
		3	0	22.15	22.00	21.98	21.5±1.0
		3	2	22.10	22.03	22.02	
		3	3	22.12	21.99	22.00	
		6	0	22.03	21.88	21.96	21.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.99	23.97	23.87	23.5±1.0
		1	7	24.10	24.00	23.97	
		1	14	24.00	23.89	23.76	
		8	0	23.09	23.02	22.93	22.5±1.0
		8	4	23.10	22.96	22.91	
		8	7	23.13	23.02	22.94	
		15	0	23.15	22.96	22.99	22.5±1.0
	16QAM	1	0	23.14	23.03	23.05	22.5±1.0
		1	7	23.21	23.14	23.04	
		1	14	23.18	22.97	22.90	
		8	0	22.12	22.02	21.99	21.5±1.0
		8	4	22.10	22.05	21.99	
		8	7	22.16	22.08	22.00	
		15	0	22.11	22.01	22.00	21.5±1.0



LTE FDD Band 12 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	24.08	24.09	24.09	23.5±1.0
		1	13	24.17	24.06	24.03	
		1	24	24.05	24.02	24.04	
		12	0	23.08	23.01	22.99	22.5±1.0
		12	6	23.13	23.10	23.05	
		12	13	23.05	23.06	23.02	
		25	0	23.11	22.96	23.03	22.5±1.0
	16QAM	1	0	23.18	23.02	23.17	22.5±1.0
		1	13	23.40	23.07	23.22	
		1	24	23.10	23.06	23.03	
		12	0	22.12	22.04	21.94	21.5±1.0
		12	6	22.05	22.04	21.96	
		12	13	22.07	22.03	22.09	
		25	0	22.18	22.00	22.05	21.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23060/704.0	23095/707.5	23130/711.0	
10MHz	QPSK	1	0	23.92	24.02	24.07	23.5±1.0
		1	25	24.01	24.08	24.04	
		1	49	24.03	23.96	23.93	
		25	0	23.02	23.02	23.02	22.5±1.0
		25	13	23.01	23.02	22.99	
		25	25	23.10	23.07	23.03	
		50	0	23.08	23.02	22.97	22.5±1.0
	16QAM	1	0	23.19	23.33	23.16	22.5±1.0
		1	25	23.36	23.26	23.18	
		1	49	23.33	23.13	23.11	
		25	0	22.05	22.06	22.01	21.5±1.0
		25	13	22.02	22.08	22.03	
		25	25	22.12	22.10	22.06	
		50	0	22.11	22.01	21.98	21.5±1.0



LTE FDD Band 12 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	20.76	20.72	20.74	20.5±1.0
		1	3	20.84	20.78	20.75	
		1	5	20.75	20.73	20.70	
		3	0	20.76	20.75	20.70	20.5±1.0
		3	2	20.70	20.76	20.69	
		3	3	20.80	20.70	20.73	
		6	0	20.83	20.78	20.75	20.5±1.0
	16QAM	1	0	20.94	20.85	20.92	20.5±1.0
		1	3	21.00	20.96	20.99	
		1	5	20.88	20.82	20.84	
		3	0	20.81	20.89	20.78	20.5±1.0
		3	2	20.81	20.89	20.85	
		3	3	20.94	20.87	20.81	
		6	0	20.91	20.81	20.82	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	20.65	20.70	20.61	20.5±1.0
		1	7	20.76	20.86	20.68	
		1	14	20.69	20.69	20.49	
		8	0	20.78	20.79	20.67	20.5±1.0
		8	4	20.75	20.78	20.63	
		8	7	20.73	20.87	20.69	
		15	0	20.72	20.88	20.69	20.5±1.0
	16QAM	1	0	20.80	20.82	20.79	20.5±1.0
		1	7	21.00	21.04	20.83	
		1	14	20.79	20.92	20.63	
		8	0	20.85	20.87	20.68	20.5±1.0
		8	4	20.86	20.89	20.70	
		8	7	20.80	20.94	20.69	
		15	0	20.77	20.93	20.78	20.5±1.0



LTE FDD Band 12 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	20.95	20.90	20.91	20.5±1.0
		1	13	20.89	20.81	20.91	
		1	24	20.87	20.84	20.89	
		12	0	20.89	20.81	20.80	20.5±1.0
		12	6	20.92	20.82	20.83	
		12	13	20.85	20.86	20.83	
		25	0	20.89	20.88	20.76	20.5±1.0
	16QAM	1	0	20.93	20.99	20.99	20.5±1.0
		1	13	20.89	20.95	21.08	
		1	24	20.80	21.03	20.83	
		12	0	20.91	20.73	20.86	20.5±1.0
		12	6	20.96	20.84	20.85	
		12	13	20.91	20.89	20.88	
		25	0	20.95	20.93	20.84	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23060/704.0	23095/707.5	23130/711.0	
10MHz	QPSK	1	0	20.78	20.82	20.75	20.5±1.0
		1	25	20.78	20.71	20.76	
		1	49	20.77	20.71	20.72	
		25	0	20.85	20.81	20.81	20.5±1.0
		25	13	20.82	20.83	20.82	
		25	25	20.94	20.88	20.86	
		50	0	20.90	20.90	20.88	20.5±1.0
	16QAM	1	0	21.03	21.21	20.94	20.5±1.0
		1	25	21.07	20.93	20.93	
		1	49	21.07	20.88	20.94	
		25	0	20.83	20.82	20.88	20.5±1.0
		25	13	20.90	20.85	20.86	
		25	25	20.98	20.93	20.87	
		50	0	20.97	20.90	20.90	20.5±1.0



6. LTE Band 17 Conducted Power Test Verdict:

LTE FDD Band 17 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23755/706.5	23790/710.0	23825/713.5	
5MHz	QPSK	1	0	22.92	22.95	22.90	22.5±1.0
		1	13	22.91	22.87	22.87	
		1	24	22.91	22.86	22.86	
		12	0	21.82	21.85	21.84	21.5±1.0
		12	6	21.83	21.86	21.83	
		12	13	21.87	21.89	21.90	
		25	0	21.88	21.81	21.81	21.5±1.0
	16QAM	1	0	22.08	22.00	21.98	21.5±1.0
		1	13	22.05	22.06	22.11	
		1	24	21.89	21.97	21.94	
		12	0	20.84	20.83	20.89	20.5±1.0
		12	6	20.86	20.95	20.86	
		12	13	20.88	20.92	20.93	
		25	0	20.91	20.85	20.85	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23780/709.0	23790/710.0	23800/711.0	
10MHz	QPSK	1	0	22.78	22.72	22.70	22.5±1.0
		1	25	22.75	22.78	22.80	
		1	49	22.70	22.77	22.73	
		25	0	21.81	21.84	21.86	21.5±1.0
		25	13	21.81	21.85	21.84	
		25	25	21.89	21.89	21.92	
		50	0	21.83	21.81	21.84	21.5±1.0
	16QAM	1	0	21.89	21.93	21.93	21.5±1.0
		1	25	22.08	22.03	21.93	
		1	49	21.88	21.99	21.98	
		25	0	20.89	20.88	20.87	20.5±1.0
		25	13	20.88	20.86	20.90	
		25	25	20.95	20.92	20.95	
		50	0	20.84	20.84	20.87	20.5±1.0



LTE FDD Band 17 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23755/706.5	23790/710.0	23825/713.5	
5MHz	QPSK	1	0	19.95	19.89	19.98	20.0±1.0
		1	13	20.08	19.94	19.97	
		1	24	19.91	19.89	19.91	
		12	0	19.92	19.93	19.94	20.0±1.0
		12	6	19.91	19.97	19.96	
		12	13	19.96	20.00	20.00	
		25	0	19.99	19.89	19.93	20.0±1.0
	16QAM	1	0	19.93	19.97	20.10	20.0±1.0
		1	13	20.11	19.94	20.03	
		1	24	19.96	20.00	19.98	
		12	0	19.81	19.84	19.90	20.0±1.0
		12	6	19.89	19.91	19.89	
		12	13	20.08	19.93	19.84	
		25	0	19.95	19.88	19.87	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23780/709.0	23790/710.0	23800/711.0	
10MHz	QPSK	1	0	19.97	19.77	19.87	20.0±1.0
		1	25	19.91	19.85	19.90	
		1	49	19.88	19.85	19.83	
		25	0	19.92	19.93	19.92	20.0±1.0
		25	13	19.90	19.90	19.91	
		25	25	20.00	20.00	20.01	
		50	0	19.91	19.91	20.05	20.0±1.0
	16QAM	1	0	19.95	19.96	20.04	20.0±1.0
		1	25	19.97	19.97	20.01	
		1	49	20.06	19.77	19.99	
		25	0	19.93	19.91	19.95	20.0±1.0
		25	13	19.88	19.92	19.88	
		25	25	19.97	19.99	20.05	
		50	0	19.94	19.88	19.92	20.0±1.0



LTE FDD Band 17 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23755/706.5	23790/710.0	23825/713.5	
5MHz	QPSK	1	0	24.06	24.08	24.09	23.5±1.0
		1	13	24.10	24.10	24.04	
		1	24	24.04	23.99	24.02	
		12	0	23.06	23.06	23.00	22.5±1.0
		12	6	23.03	23.04	23.05	
		12	13	23.09	23.05	23.04	
		25	0	23.11	23.00	23.01	22.5±1.0
	16QAM	1	0	23.24	23.20	23.21	23.0±1.0
		1	13	23.26	23.16	23.19	
		1	24	23.24	23.03	23.10	
		12	0	22.18	22.07	22.06	21.5±1.0
		12	6	22.16	22.09	22.02	
		12	13	22.16	22.10	22.01	
		25	0	22.13	22.05	22.01	21.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23780/709.0	23790/710.0	23800/711.0	
10MHz	QPSK	1	0	23.97	23.98	23.94	23.5±1.0
		1	25	24.05	23.98	23.98	
		1	49	23.89	23.98	23.86	
		25	0	23.01	23.02	23.04	22.5±1.0
		25	13	23.02	23.04	23.01	
		25	25	23.07	23.07	23.06	
		50	0	23.00	23.05	23.00	22.5±1.0
	16QAM	1	0	23.20	23.13	23.17	22.5±1.0
		1	25	23.17	23.22	23.10	
		1	49	23.12	23.15	23.10	
		25	0	22.04	22.05	22.04	21.5±1.0
		25	13	22.06	22.06	22.04	
		25	25	22.13	22.11	22.11	
		50	0	22.04	22.02	22.00	21.5±1.0



LTE FDD Band 17 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23755/706.5	23790/710.0	23825/713.5	
5MHz	QPSK	1	0	20.95	20.91	20.85	20.5±1.0
		1	13	20.95	20.85	20.90	
		1	24	20.83	20.78	20.76	
		12	0	20.89	20.87	20.83	20.5±1.0
		12	6	20.88	20.86	20.82	
		12	13	20.87	20.88	20.82	
		25	0	20.91	20.82	20.79	20.5±1.0
	16QAM	1	0	21.11	21.03	20.94	20.5±1.0
		1	13	21.12	21.16	20.95	
		1	24	21.04	20.92	20.91	
		12	0	20.94	20.87	20.86	20.5±1.0
		12	6	20.89	20.93	20.87	
		12	13	20.86	20.82	20.80	
		25	0	20.93	20.84	20.79	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				23780/709.0	23790/710.0	23800/711.0	
10MHz	QPSK	1	0	20.78	20.79	20.80	20.5±1.0
		1	25	20.81	20.78	20.73	
		1	49	20.73	20.71	20.72	
		25	0	20.85	20.89	20.81	20.5±1.0
		25	13	20.85	20.86	20.84	
		25	25	20.92	20.89	20.90	
		50	0	20.94	20.86	20.82	20.5±1.0
	16QAM	1	0	21.04	21.03	21.10	20.5±1.0
		1	25	21.01	20.92	20.88	
		1	49	20.86	21.00	20.85	
		25	0	20.88	20.89	20.88	20.5±1.0
		25	13	20.90	20.92	20.88	
		25	25	20.93	20.92	20.92	
		50	0	20.96	20.83	20.84	20.5±1.0



7. LTE Band 26 Conducted Power Test Verdict:

LTE FDD Band 26 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26697/814.7	26915/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.11	23.07	23.03	22.5±1.0
		1	3	23.11	22.94	23.00	
		1	5	23.05	22.90	23.00	
		3	0	22.16	21.97	22.01	21.5±1.0
		3	2	22.08	22.09	22.00	
		3	3	22.14	22.20	21.97	
		6	0	22.11	22.22	22.03	21.5±1.0
	16QAM	1	0	22.25	22.19	22.15	22.0±1.0
		1	3	22.24	22.37	22.14	
		1	5	22.18	22.32	22.22	
		3	0	21.15	21.22	21.09	21.5±1.0
		3	2	21.17	21.19	21.13	
		3	3	21.14	21.28	21.04	
		6	0	21.00	21.24	21.14	21.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	22.99	23.00	22.98	22.5±1.0
		1	7	23.01	22.98	23.05	
		1	14	23.08	22.89	22.93	
		8	0	22.10	22.17	22.04	21.5±1.0
		8	4	22.08	22.21	22.03	
		8	7	22.08	22.23	22.06	
		15	0	22.07	22.23	22.11	21.5±1.0
	16QAM	1	0	22.14	22.11	22.18	22.0±1.0
		1	7	22.25	22.20	22.15	
		1	14	22.11	22.11	22.16	
		8	0	21.18	21.18	21.15	21.5±1.0
		8	4	21.15	21.19	21.14	
		8	7	21.15	21.18	21.16	
		15	0	21.11	21.19	21.15	21.5±1.0



LTE FDD Band 26 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.10	23.08	23.10	22.5±1.0
		1	13	23.13	23.17	23.07	
		1	24	23.03	23.08	23.02	
		12	0	22.03	22.19	22.06	21.5±1.0
		12	6	22.03	22.17	22.07	
		12	13	22.08	22.16	22.07	
		25	0	22.11	22.21	22.03	21.5±1.0
	16QAM	1	0	22.19	22.19	22.03	22.0±1.0
		1	13	22.30	22.17	22.17	
		1	24	22.13	22.02	22.09	
		12	0	21.11	21.07	21.12	21.5±1.0
		12	6	21.06	21.06	21.02	
		12	13	21.07	21.05	21.11	
		25	0	21.12	21.02	21.03	21.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26750/820.0	26865/831.5	26990/844.0	
10MHz	QPSK	1	0	23.19	23.08	23.08	22.5±1.0
		1	25	23.18	23.05	23.04	
		1	49	22.09	23.05	23.02	
		25	0	22.08	22.11	22.11	21.5±1.0
		25	13	22.18	22.10	22.11	
		25	25	22.19	22.07	22.07	
		50	0	23.09	22.13	22.18	21.5±1.0
	16QAM	1	0	22.19	22.25	22.17	22.0±1.0
		1	25	22.22	22.24	22.18	
		1	49	22.21	22.32	22.10	
		25	0	21.15	21.19	21.13	21.5±1.0
		25	13	21.21	21.23	21.07	
		25	25	21.27	21.14	21.08	
		50	0	21.24	21.20	21.19	21.5±1.0



LTE FDD Band 26 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.06	23.04	23.04	22.5±1.0
		1	38	23.01	23.07	23.00	
		1	74	23.02	23.05	22.88	
		36	0	22.04	22.23	22.17	21.5±1.0
		36	18	22.03	22.06	22.29	
		36	39	22.05	22.23	22.19	
		75	0	22.06	21.98	21.99	21.5±1.0
	16QAM	1	0	22.27	22.07	22.11	22.0±1.0
		1	38	22.18	22.17	22.17	
		1	74	22.06	22.18	22.10	
		36	0	21.03	21.16	21.23	21.5±1.0
		36	18	21.03	21.27	21.18	
		36	39	21.00	21.09	21.09	
		75	0	21.09	21.05	20.98	21.5±1.0



LTE FDD Band 26 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26697/814.7	26915/831.5	27033/848.3	
1.4MHz	QPSK	1	0	19.99	19.99	19.92	20.0±1.0
		1	3	19.99	20.01	19.91	
		1	5	20.02	19.96	19.89	
		3	0	19.90	19.97	19.90	20.0±1.0
		3	2	19.90	19.98	19.88	
		3	3	19.95	19.97	19.86	
		6	0	19.99	20.01	19.88	20.0±1.0
	16QAM	1	0	20.08	20.07	20.08	20.0±1.0
		1	3	20.09	20.06	20.07	
		1	5	20.19	20.07	20.08	
		3	0	19.99	20.04	19.90	20.0±1.0
		3	2	20.00	20.02	19.93	
		3	3	20.02	20.04	19.93	
		6	0	20.01	20.04	19.79	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	20.05	20.06	19.78	20.0±1.0
		1	7	20.03	19.85	19.87	
		1	14	19.96	20.04	19.73	
		8	0	19.94	20.03	19.86	20.0±1.0
		8	4	19.95	20.02	19.86	
		8	7	20.02	19.87	19.90	
		15	0	20.08	19.92	19.93	20.0±1.0
	16QAM	1	0	20.16	19.89	19.99	20.0±1.0
		1	7	20.20	19.93	20.00	
		1	14	20.04	20.04	19.86	
		8	0	19.98	19.89	19.85	20.0±1.0
		8	4	20.04	20.07	19.86	
		8	7	20.12	19.98	19.89	
		15	0	20.10	19.78	19.92	20.0±1.0



LTE FDD Band 26 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	20.03	20.02	19.94	20.0±1.0
		1	13	20.06	19.99	19.91	
		1	24	20.00	19.93	19.81	
		12	0	20.01	19.96	19.88	20.0±1.0
		12	6	19.98	19.97	19.87	
		12	13	20.01	19.98	19.89	
		25	0	19.99	19.99	19.91	20.0±1.0
	16QAM	1	0	20.20	20.04	19.93	20.0±1.0
		1	13	20.27	20.14	19.90	
		1	24	20.16	20.14	19.82	
		12	0	19.97	20.08	20.01	20.0±1.0
		12	6	20.07	19.87	19.86	
		12	13	20.03	19.95	19.90	
		25	0	20.06	20.07	19.95	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26750/820.0	26865/831.5	26990/844.0	
10MHz	QPSK	1	0	20.00	19.90	19.90	20.0±1.0
		1	25	20.02	19.93	19.81	
		1	49	19.93	19.92	19.79	
		25	0	20.00	20.03	19.95	20.0±1.0
		25	13	20.02	20.00	19.95	
		25	25	20.04	19.98	19.93	
		50	0	20.04	20.03	19.90	20.0±1.0
	16QAM	1	0	20.15	20.18	20.07	20.0±1.0
		1	25	20.17	20.15	20.14	
		1	49	20.02	20.04	19.98	
		25	0	20.10	20.06	20.00	20.0±1.0
		25	13	20.02	20.07	19.95	
		25	25	20.05	20.02	19.92	
		50	0	20.06	20.06	19.89	20.0±1.0



LTE FDD Band 26 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	19.88	19.87	19.94	20.0±1.0
		1	38	19.94	19.91	19.93	
		1	74	19.85	19.79	19.81	
		36	0	20.07	20.09	20.05	20.0±1.0
		36	18	20.10	20.19	20.08	
		36	39	19.90	20.02	19.83	
		75	0	19.86	19.93	19.84	20.0±1.0
	16QAM	1	0	20.17	20.04	20.19	20.0±1.0
		1	38	20.08	20.09	20.07	
		1	74	19.99	19.98	20.01	
		36	0	20.18	20.15	20.05	20.0±1.0
		36	18	20.11	20.00	20.29	
		36	39	19.98	19.99	20.10	
		75	0	19.89	19.98	19.87	20.0±1.0



LTE FDD Band 26 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26697/814.7	26915/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.51	23.36	23.56	23.0±1.0
		1	3	23.43	23.38	23.54	
		1	5	23.51	23.44	23.53	
		3	0	22.49	22.39	22.52	22.0±1.0
		3	2	22.48	22.40	22.53	
		3	3	22.49	22.38	22.51	
		6	0	22.51	22.44	22.49	22.0±1.0
	16QAM	1	0	22.61	22.60	22.66	22.0±1.0
		1	3	22.60	22.75	22.56	
		1	5	22.63	22.73	22.68	
		3	0	21.54	21.67	21.59	21.0±1.0
		3	2	21.47	21.60	21.58	
		3	3	21.55	21.65	21.58	
		6	0	21.53	21.61	21.50	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.53	23.41	23.42	23.0±1.0
		1	7	23.52	23.33	23.52	
		1	14	23.49	23.41	23.41	
		8	0	22.54	22.39	22.49	22.0±1.0
		8	4	22.53	22.38	22.48	
		8	7	22.51	22.39	22.54	
		15	0	22.51	22.41	22.55	22.0±1.0
	16QAM	1	0	22.64	22.51	22.57	22.0±1.0
		1	7	22.55	22.50	22.64	
		1	14	22.53	22.53	22.52	
		8	0	21.57	21.44	21.57	21.0±1.0
		8	4	21.55	21.37	21.54	
		8	7	21.52	21.45	21.60	
		15	0	21.54	21.43	21.56	21.0±1.0



LTE FDD Band 26 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.49	23.24	23.53	23.0±1.0
		1	13	23.55	23.35	23.53	
		1	24	23.46	23.31	23.52	
		12	0	22.46	22.41	22.51	22.0±1.0
		12	6	22.47	22.47	22.51	
		12	13	22.51	22.41	22.54	
		25	0	22.51	22.45	22.48	22.0±1.0
	16QAM	1	0	22.58	22.37	22.66	22.0±1.0
		1	13	22.55	22.58	22.61	
		1	24	22.63	22.35	22.56	
		12	0	21.50	21.53	21.54	21.0±1.0
		12	6	21.55	21.51	21.57	
		12	13	21.44	21.51	21.65	
		25	0	21.55	21.44	21.50	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26750/820.0	26865/831.5	26990/844.0	
10MHz	QPSK	1	0	23.44	23.54	23.47	23.0±1.0
		1	25	23.45	23.44	23.51	
		1	49	23.46	23.41	23.52	
		25	0	22.52	22.42	22.54	22.0±1.0
		25	13	22.54	22.40	22.54	
		25	25	22.57	22.44	22.52	
		50	0	22.60	22.42	22.61	22.0±1.0
	16QAM	1	0	22.73	22.52	22.59	22.0±1.0
		1	25	22.66	22.58	22.73	
		1	49	22.67	22.57	22.66	
		25	0	21.55	21.43	21.56	21.0±1.0
		25	13	21.54	21.39	21.53	
		25	25	21.62	21.48	21.59	
		50	0	21.55	21.43	21.58	21.0±1.0



LTE FDD Band 26 ANT 3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.53	23.50	23.46	23.0±1.0
		1	38	23.62	23.43	23.45	
		1	74	23.50	23.46	23.52	
		36	0	22.49	22.52	22.64	22.0±1.0
		36	18	22.51	22.73	22.57	
		36	39	22.53	22.67	22.62	
		75	0	22.56	22.39	22.46	22.0±1.0
	16QAM	1	0	22.64	22.68	22.62	22.0±1.0
		1	38	22.77	22.78	22.67	
		1	74	22.61	22.71	22.55	
		36	0	21.47	21.65	21.64	21.0±1.0
		36	18	21.63	21.67	21.51	
		36	39	21.54	21.56	21.51	
		75	0	21.62	21.46	21.48	21.0±1.0



LTE FDD Band 26 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26697/814.7	26915/831.5	27033/848.3	
1.4MHz	QPSK	1	0	20.08	20.34	20.26	20.0±1.0
		1	3	20.14	20.30	20.18	
		1	5	20.09	20.27	20.20	
		3	0	20.03	20.21	20.20	20.0±1.0
		3	2	20.04	20.27	20.21	
		3	3	20.12	20.26	20.20	
		6	0	20.10	20.29	20.22	20.0±1.0
	16QAM	1	0	20.29	20.40	20.27	20.0±1.0
		1	3	20.29	20.44	20.36	
		1	5	20.30	20.54	20.28	
		3	0	20.10	20.31	20.33	20.0±1.0
		3	2	20.07	20.32	20.22	
		3	3	20.21	20.31	20.24	
		6	0	20.18	20.32	20.35	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	20.12	20.12	20.01	20.0±1.0
		1	7	20.21	20.25	20.04	
		1	14	20.12	20.13	20.03	
		8	0	20.26	20.23	19.99	20.0±1.0
		8	4	20.31	20.22	20.05	
		8	7	20.28	20.28	20.11	
		15	0	20.34	20.26	20.07	20.0±1.0
	16QAM	1	0	20.40	20.39	20.26	20.0±1.0
		1	7	20.48	20.35	20.23	
		1	14	20.40	20.38	20.14	
		8	0	20.25	20.27	20.10	20.0±1.0
		8	4	20.30	20.23	20.05	
		8	7	20.32	20.30	20.10	
		15	0	20.31	20.39	20.15	20.0±1.0



LTE FDD Band 26 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	20.29	20.30	20.25	20.0±1.0
		1	13	20.27	20.23	20.20	
		1	24	20.28	20.20	20.11	
		12	0	20.24	20.26	20.20	20.0±1.0
		12	6	20.27	20.26	20.18	
		12	13	20.28	20.31	20.24	
		25	0	20.29	20.31	20.26	20.0±1.0
	16QAM	1	0	20.44	20.45	20.37	20.0±1.0
		1	13	20.50	20.34	20.31	
		1	24	20.31	20.33	20.28	
		12	0	20.28	20.33	20.22	20.0±1.0
		12	6	20.31	20.34	20.26	
		12	13	20.31	20.29	20.31	
		25	0	20.36	20.35	20.27	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26750/820.0	26865/831.5	26990/844.0	
10MHz	QPSK	1	0	20.29	20.33	20.24	20.0±1.0
		1	25	20.26	20.22	20.23	
		1	49	20.21	20.14	20.13	
		25	0	20.30	20.31	20.27	20.0±1.0
		25	13	20.32	20.30	20.29	
		25	25	20.31	20.30	20.27	
		50	0	20.34	20.35	20.21	20.0±1.0
	16QAM	1	0	20.48	20.47	20.47	20.0±1.0
		1	25	20.44	20.46	20.42	
		1	49	20.30	20.39	20.27	
		25	0	20.37	20.34	20.33	20.0±1.0
		25	13	20.34	20.33	20.27	
		25	25	20.40	20.30	20.28	
		50	0	20.39	20.35	20.25	20.0±1.0



LTE FDD Band 26 ANT 3 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	20.30	20.32	20.19	20.0±1.0
		1	38	20.29	20.19	20.14	
		1	74	20.18	20.28	20.10	
		36	0	20.36	20.38	20.42	20.0±1.0
		36	18	20.43	20.50	20.46	
		36	39	20.40	20.46	20.22	
		75	0	20.18	20.26	20.16	20.0±1.0
	16QAM	1	0	20.40	20.51	20.46	20.0±1.0
		1	38	20.37	20.43	20.37	
		1	74	20.25	20.38	20.26	
		36	0	20.38	20.48	20.40	20.0±1.0
		36	18	20.46	20.44	20.43	
		36	39	20.39	20.26	20.37	
		75	0	20.23	20.35	20.24	20.0±1.0



8. LTE Band 40 Conducted Power Test Verdict:

LTE FDD Band 40A ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				38725/2307.5	38750/2310.0	38775/2312.5	
5MHz	QPSK	1	0	23.32	23.22	23.34	23.0±1.0
		1	13	23.15	23.31	23.21	
		1	24	23.24	23.27	23.19	
		12	0	22.38	22.21	22.33	22.0±1.0
		12	6	22.37	22.36	22.34	
		12	13	22.30	22.35	22.29	
		25	0	22.17	22.22	22.27	22.0±1.0
	16QAM	1	0	22.26	22.30	22.24	22.0±1.0
		1	13	22.38	22.39	22.31	
		1	24	22.36	22.24	22.21	
		12	0	21.34	21.25	21.31	21.0±1.0
		12	6	21.35	21.19	21.37	
		12	13	21.30	21.31	21.36	
		25	0	21.27	21.25	21.24	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
10MHz	QPSK	1	0	/	23.29	/	23.0±1.0
		1	25	/	23.37	/	
		1	49	/	23.20	/	
		25	0	/	22.24	/	22.0±1.0
		25	13	/	22.18	/	
		25	25	/	22.10	/	
		50	0	/	22.09	/	22.0±1.0
	16QAM	1	0	/	22.49	/	22.0±1.0
		1	25	/	22.55	/	
		1	49	/	22.38	/	
		25	0	/	21.20	/	21.0±1.0
		25	13	/	21.32	/	
		25	25	/	21.17	/	
		50	0	/	21.14	/	21.0±1.0



LTE FDD Band 40A ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				38725/2307.5	38750/2310.0	38775/2312.5	
5MHz	QPSK	1	0	20.26	20.40	20.26	20.0±1.0
		1	13	20.32	20.28	20.33	
		1	24	20.20	20.26	20.21	
		12	0	20.12	20.27	20.19	20.0±1.0
		12	6	20.14	20.19	20.18	
		12	13	20.06	20.04	20.10	
		25	0	20.09	20.10	20.15	20.0±1.0
	16QAM	1	0	20.14	20.04	20.06	20.0±1.0
		1	13	20.21	20.33	20.23	
		1	24	20.06	20.18	20.09	
		12	0	20.16	20.13	20.16	20.0±1.0
		12	6	20.13	20.12	20.10	
		12	13	20.10	20.01	20.10	
		25	0	20.01	20.04	20.10	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	38750/2310.0	/	
10MHz	QPSK	1	0	/	20.33	/	20.0±1.0
		1	25	/	20.26	/	
		1	49	/	20.21	/	
		25	0	/	20.09	/	20.0±1.0
		25	13	/	20.09	/	
		25	25	/	20.21	/	
		50	0	/	20.09	/	20.0±1.0
	16QAM	1	0	/	20.13	/	20.0±1.0
		1	25	/	20.34	/	
		1	49	/	20.26	/	
		25	0	/	20.11	/	20.0±1.0
		25	13	/	20.03	/	
		25	25	/	20.15	/	
		50	0	/	20.13	/	20.0±1.0



LTE FDD Band 40A ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				38725/2307.5	38750/2310.0	38775/2312.5	
5MHz	QPSK	1	0	23.14	23.27	23.20	23.0±1.0
		1	13	23.28	23.22	23.17	
		1	24	23.18	23.25	23.15	
		12	0	22.18	22.21	22.21	22.0±1.0
		12	6	22.17	22.19	22.19	
		12	13	22.17	22.17	22.19	
		25	0	22.19	22.14	22.17	22.0±1.0
	16QAM	1	0	22.18	22.52	22.34	22.0±1.0
		1	13	22.33	22.31	22.41	
		1	24	22.15	22.30	22.38	
		12	0	21.24	21.17	21.33	21.0±1.0
		12	6	21.24	21.23	21.37	
		12	13	21.24	21.28	21.31	
		25	0	21.20	21.20	21.19	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	38750/2310.0	/	
10MHz	QPSK	1	0	/	23.25	/	23.0±1.0
		1	25	/	23.33	/	
		1	49	/	23.29	/	
		25	0	/	22.25	/	22.0±1.0
		25	13	/	22.31	/	
		25	25	/	22.17	/	
		50	0	/	22.16	/	22.0±1.0
	16QAM	1	0	/	22.33	/	22.0±1.0
		1	25	/	22.29	/	
		1	49	/	22.44	/	
		25	0	/	21.19	/	21.0±1.0
		25	13	/	21.21	/	
		25	25	/	21.15	/	
		50	0	/	21.10	/	21.0±1.0



LTE FDD Band 40A ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				38725/2307.5	38750/2310.0	38775/2312.5	
5MHz	QPSK	1	0	20.27	20.35	20.22	20.0±1.0
		1	13	20.14	20.27	20.25	
		1	24	20.20	20.36	20.37	
		12	0	20.10	20.11	20.03	20.0±1.0
		12	6	20.09	20.07	20.14	
		12	13	20.10	20.13	20.03	
		25	0	19.99	20.05	20.03	20.0±1.0
	16QAM	1	0	19.92	20.23	20.11	20.0±1.0
		1	13	20.08	20.27	20.14	
		1	24	19.96	20.30	20.12	
		12	0	20.02	20.04	20.05	20.0±1.0
		12	6	20.11	20.08	19.93	
		12	13	20.00	20.11	19.97	
		25	0	20.05	20.08	20.05	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	38750/2310.0	/	
10MHz	QPSK	1	0	/	20.40	/	20.0±1.0
		1	25	/	20.28	/	
		1	49	/	20.26	/	
		25	0	/	20.27	/	20.0±1.0
		25	13	/	20.19	/	
		25	25	/	20.04	/	
		50	0	/	20.10	/	20.0±1.0
	16QAM	1	0	/	20.04	/	20.0±1.0
		1	25	/	20.33	/	
		1	49	/	20.18	/	
		25	0	/	20.13	/	20.0±1.0
		25	13	/	20.12	/	
		25	25	/	20.01	/	
		50	0	/	20.04	/	20.0±1.0



LTE FDD Band 40B ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39170/2352.5	39200/2355.0	39225/2357.5	
5MHz	QPSK	1	0	23.26	23.18	23.33	23.0±1.0
		1	13	23.17	23.34	23.25	
		1	24	23.20	23.18	23.15	
		12	0	22.08	22.05	22.06	22.0±1.0
		12	6	22.06	22.06	22.05	
		12	13	22.16	22.13	22.13	
		25	0	22.17	22.14	22.15	22.0±1.0
	16QAM	1	0	22.19	22.44	22.34	22.0±1.0
		1	13	22.29	22.29	22.41	
		1	24	22.39	22.27	22.36	
		12	0	21.21	21.08	21.13	21.0±1.0
		12	6	21.09	21.10	21.03	
		12	13	21.16	21.21	21.22	
		25	0	21.19	21.20	21.20	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	39200/2355.0	/	
10MHz	QPSK	1	0	/	23.25	/	23.0±1.0
		1	25	/	23.33	/	
		1	49	/	23.29	/	
		25	0	/	22.25	/	22.0±1.0
		25	13	/	22.31	/	
		25	25	/	22.17	/	
		50	0	/	22.16	/	22.0±1.0
	16QAM	1	0	/	22.35	/	22.0±1.0
		1	25	/	22.52	/	
		1	49	/	22.44	/	
		25	0	/	21.19	/	21.0±1.0
		25	13	/	21.21	/	
		25	25	/	21.15	/	
		50	0	/	21.10	/	21.0±1.0



LTE FDD Band 40B ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39170/2352.5	39200/2355.0	39225/2357.5	
5MHz	QPSK	1	0	20.28	20.33	20.41	20.0±1.0
		1	13	20.29	20.45	20.25	
		1	24	20.20	20.49	20.25	
		12	0	20.17	20.24	20.19	20.0±1.0
		12	6	20.17	20.21	20.17	
		12	13	20.07	20.09	20.04	
		25	0	20.07	20.06	20.14	20.0±1.0
	16QAM	1	0	20.16	20.18	20.17	20.0±1.0
		1	13	20.23	20.17	20.12	
		1	24	20.31	20.24	20.21	
		12	0	20.17	20.09	20.08	20.0±1.0
		12	6	20.08	20.14	20.09	
		12	13	20.07	20.20	20.12	
		25	0	20.04	20.09	20.03	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	39200/2355.0	/	
10MHz	QPSK	1	0	/	20.35	/	20.0±1.0
		1	25	/	20.47	/	
		1	49	/	20.36	/	
		25	0	/	20.31	/	20.0±1.0
		25	13	/	20.27	/	
		25	25	/	20.13	/	
		50	0	/	20.25	/	20.0±1.0
	16QAM	1	0	/	20.33	/	20.0±1.0
		1	25	/	20.47	/	
		1	49	/	20.50	/	
		25	0	/	20.14	/	20.0±1.0
		25	13	/	20.19	/	
		25	25	/	20.21	/	
		50	0	/	20.18	/	20.0±1.0



LTE FDD Band 40B ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39170/2352.5	39200/2355.0	39225/2357.5	
5MHz	QPSK	1	0	23.26	23.18	23.16	23.0±1.0
		1	13	23.17	23.34	23.25	
		1	24	23.20	23.18	23.15	
		12	0	22.08	22.05	22.06	22.0±1.0
		12	6	22.06	22.06	22.05	
		12	13	22.16	22.13	22.13	
		25	0	22.17	22.14	22.15	22.0±1.0
	16QAM	1	0	22.19	22.44	22.34	22.0±1.0
		1	13	22.29	22.29	22.41	
		1	24	22.39	22.27	22.36	
		12	0	21.21	21.08	21.13	21.0±1.0
		12	6	21.09	21.10	21.03	
		12	13	21.16	21.21	21.22	
		25	0	21.19	21.20	21.20	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	39200/2355.0	/	
10MHz	QPSK	1	0	/	23.40	/	23.0±1.0
		1	25	/	23.37	/	
		1	49	/	23.39	/	
		25	0	/	22.26	/	22.0±1.0
		25	13	/	22.17	/	
		25	25	/	22.28	/	
		50	0	/	22.11	/	22.0±1.0
	16QAM	1	0	/	22.47	/	22.0±1.0
		1	25	/	22.31	/	
		1	49	/	22.45	/	
		25	0	/	21.19	/	21.0±1.0
		25	13	/	21.23	/	
		25	25	/	21.24	/	
		50	0	/	21.23	/	21.0±1.0



LTE FDD Band 40B ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39170/2352.5	39200/2355.0	39225/2357.5	
5MHz	QPSK	1	0	20.32	20.19	20.01	20.0±1.0
		1	13	20.21	20.25	20.04	
		1	24	20.12	20.13	20.03	
		12	0	20.26	20.23	19.99	20.0±1.0
		12	6	20.31	20.22	20.05	
		12	13	20.28	20.28	20.11	
		25	0	20.34	20.26	20.07	20.0±1.0
	16QAM	1	0	20.40	20.39	20.26	20.0±1.0
		1	13	20.48	20.35	20.23	
		1	24	20.40	20.38	20.14	
		12	0	20.25	20.27	20.10	20.0±1.0
		12	6	20.30	20.23	20.05	
		12	13	20.32	20.30	20.10	
		25	0	20.31	20.39	20.15	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				/	39200/2355.0	/	
10MHz	QPSK	1	0	/	20.34	/	20.0±1.0
		1	25	/	20.30	/	
		1	49	/	20.27	/	
		25	0	/	20.21	/	20.0±1.0
		25	13	/	20.27	/	
		25	25	/	20.26	/	
		50	0	/	20.29	/	20.0±1.0
	16QAM	1	0	/	20.40	/	20.0±1.0
		1	25	/	20.44	/	
		1	49	/	20.54	/	
		25	0	/	20.31	/	20.0±1.0
		25	13	/	20.32	/	
		25	25	/	20.31	/	
		50	0	/	20.32	/	20.0±1.0



9. LTE Band 41 Conducted Power Test Verdict:

LTE FDD Band 41 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39675/2498.5	40620/2593.0	41565/2687.5	
5MHz	QPSK	1	0	24.44	24.40	24.34	24.0±1.0
		1	13	24.49	24.37	24.39	
		1	24	24.42	24.39	24.39	
		12	0	23.40	23.36	23.38	23.0±1.0
		12	6	23.34	23.27	23.42	
		12	13	23.38	23.38	23.39	
		25	0	23.26	23.21	23.33	23.0±1.0
	16QAM	1	0	23.35	23.27	23.44	23.0±1.0
		1	13	23.46	23.31	23.57	
		1	24	23.35	23.25	23.46	
		12	0	22.40	22.39	22.36	22.0±1.0
		12	6	22.38	22.43	22.46	
		12	13	22.43	22.44	22.49	
		25	0	22.34	22.33	22.33	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39700/2501.0	40620/2593.0	41540/2685.0	
10MHz	QPSK	1	0	24.36	24.32	24.18	24.0±1.0
		1	25	24.37	24.37	24.30	
		1	49	24.39	24.20	24.30	
		25	0	23.37	23.38	23.32	23.0±1.0
		25	13	23.34	23.40	23.36	
		25	25	23.10	23.36	23.41	
		50	0	23.06	23.27	23.40	23.0±1.0
	16QAM	1	0	23.28	23.45	23.53	23.0±1.0
		1	25	23.41	23.52	23.44	
		1	49	23.35	23.39	23.50	
		25	0	22.45	22.57	22.33	22.0±1.0
		25	13	22.43	22.46	22.34	
		25	25	22.26	22.44	22.46	
		50	0	22.24	22.42	22.41	22.0±1.0



LTE FDD Band 41 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39725/2503.5	40620/2593.0	41515/2682.5	
15MHz	QPSK	1	0	24.42	24.34	24.23	24.0±1.0
		1	38	24.35	24.30	24.29	
		1	74	24.36	24.24	24.29	
		36	0	23.21	23.18	23.43	23.0±1.0
		36	18	23.26	23.22	23.32	
		36	39	23.36	23.27	23.45	
		75	0	23.29	23.26	23.27	23.0±1.0
	16QAM	1	0	23.46	23.51	23.49	23.0±1.0
		1	38	23.55	23.48	23.55	
		1	74	23.27	23.36	23.44	
		36	0	22.27	22.24	22.33	22.0±1.0
		36	18	22.26	22.35	22.42	
		36	39	22.34	22.17	22.33	
		75	0	22.25	22.19	22.32	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39750/2506.0	40620/2593.0	41490/2680.0	
20MHz	QPSK	1	0	24.49	24.39	24.33	24.0±1.0
		1	50	24.45	24.35	24.39	
		1	99	24.41	24.31	24.32	
		50	0	23.23	23.48	23.32	23.0±1.0
		50	25	23.27	23.49	23.33	
		50	50	23.35	23.39	23.36	
		100	0	23.31	23.32	23.29	23.0±1.0
	16QAM	1	0	23.22	23.53	23.49	23.0±1.0
		1	50	23.38	23.49	23.57	
		1	99	23.45	23.40	23.52	
		50	0	22.29	22.25	22.33	22.0±1.0
		50	25	22.32	22.34	22.41	
		50	50	22.33	22.36	22.35	
		100	0	22.25	22.29	22.32	22.0±1.0



LTE FDD Band 41 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39675/2498.5	40620/2593.0	41565/2687.5	
5MHz	QPSK	1	0	18.21	18.04	18.10	18.0±1.0
		1	13	18.28	17.98	18.07	
		1	24	18.31	18.09	18.11	
		12	0	18.27	18.13	18.18	18.0±1.0
		12	6	18.25	18.14	18.14	
		12	13	18.22	18.09	18.13	
		25	0	18.28	18.13	18.14	18.0±1.0
	16QAM	1	0	18.33	18.22	18.33	18.0±1.0
		1	13	18.47	18.25	18.38	
		1	24	18.40	18.23	18.37	
		12	0	18.37	18.11	18.22	18.0±1.0
		12	6	18.36	18.12	18.31	
		12	13	18.32	18.14	18.16	
		25	0	18.28	18.14	18.14	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39700/2501.0	40620/2593.0	41540/2685.0	
10MHz	QPSK	1	0	18.14	18.02	17.94	18.0±1.0
		1	25	18.19	18.00	18.10	
		1	49	18.11	17.97	18.01	
		25	0	18.26	18.07	18.06	18.0±1.0
		25	13	18.25	18.04	18.04	
		25	25	18.26	18.14	18.16	
		50	0	18.23	18.03	18.01	18.0±1.0
	16QAM	1	0	18.50	18.20	18.19	18.0±1.0
		1	25	18.43	18.28	18.13	
		1	49	18.45	18.27	18.21	
		25	0	18.26	18.10	18.05	18.0±1.0
		25	13	18.30	18.11	18.09	
		25	25	18.28	18.19	18.15	
		50	0	18.26	18.08	18.03	18.0±1.0



LTE FDD Band 41 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39725/2503.5	40620/2593.0	41515/2682.5	
15MHz	QPSK	1	0	18.20	17.95	17.92	18.0±1.0
		1	38	18.14	17.97	17.99	
		1	74	18.13	17.88	17.93	
		36	0	18.45	18.36	18.26	18.0±1.0
		36	18	18.29	18.23	18.16	
		36	39	18.27	18.24	18.31	
		75	0	18.16	17.95	18.07	18.0±1.0
	16QAM	1	0	18.29	18.14	18.36	18.0±1.0
		1	38	18.27	18.34	18.35	
		1	74	18.24	18.17	18.23	
		36	0	18.29	18.12	18.30	18.0±1.0
		36	18	18.25	18.25	18.28	
		36	39	18.20	18.11	18.22	
		75	0	18.22	18.01	18.09	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39750/2506.0	40620/2593.0	41490/2680.0	
20MHz	QPSK	1	0	18.25	18.10	17.99	18.0±1.0
		1	50	18.30	18.11	18.06	
		1	99	18.11	18.05	17.99	
		50	0	18.28	18.03	18.01	18.0±1.0
		50	25	18.22	18.02	18.06	
		50	50	18.22	18.06	18.11	
		100	0	18.23	18.03	18.00	18.0±1.0
	16QAM	1	0	18.39	18.16	18.29	18.0±1.0
		1	50	18.36	18.33	18.30	
		1	99	18.51	18.28	18.18	
		50	0	18.30	18.07	18.08	18.0±1.0
		50	25	18.27	18.05	18.11	
		50	50	18.28	18.12	18.14	
		100	0	18.24	18.03	18.06	18.0±1.0



LTE FDD Band 41 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39675/2498.5	40620/2593.0	41565/2687.5	
5MHz	QPSK	1	0	24.15	24.13	24.24	24.0±1.0
		1	13	24.19	24.23	24.27	
		1	24	24.15	24.20	24.22	
		12	0	23.19	23.15	23.28	23.0±1.0
		12	6	23.15	23.18	23.21	
		12	13	23.09	23.21	23.30	
		25	0	23.06	23.14	23.23	23.0±1.0
	16QAM	1	0	23.18	23.12	23.36	23.0±1.0
		1	13	23.12	23.19	23.44	
		1	24	23.09	23.02	23.27	
		12	0	22.11	22.08	22.17	22.0±1.0
		12	6	22.24	22.14	22.32	
		12	13	22.21	22.15	22.37	
		25	0	22.08	22.07	22.26	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39700/2501.0	40620/2593.0	41540/2685.0	
10MHz	QPSK	1	0	24.12	24.05	24.23	24.0±1.0
		1	25	24.12	24.16	24.24	
		1	49	24.10	24.11	24.19	
		25	0	23.11	23.01	23.24	23.0±1.0
		25	13	23.16	23.18	23.26	
		25	25	23.05	23.12	23.31	
		50	0	23.08	23.05	23.13	23.0±1.0
	16QAM	1	0	23.19	23.19	23.24	23.0±1.0
		1	25	23.17	23.17	24.34	
		1	49	23.12	23.12	24.19	
		25	0	22.18	22.09	22.21	22.0±1.0
		25	13	22.17	22.11	22.23	
		25	25	22.04	22.19	22.30	
		50	0	22.16	22.07	22.32	22.0±1.0



LTE FDD Band 41 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39725/2503.5	40620/2593.0	41515/2682.5	
15MHz	QPSK	1	0	24.10	24.09	24.16	24.0±1.0
		1	38	24.13	24.13	24.24	
		1	74	24.10	24.14	24.14	
		36	0	23.06	23.11	23.20	23.0±1.0
		36	18	23.02	23.07	23.19	
		36	39	22.95	23.08	23.21	
		75	0	22.87	23.03	23.04	23.0±1.0
	16QAM	1	0	22.90	23.05	23.04	23.0±1.0
		1	38	22.73	22.88	23.13	
		1	74	22.84	22.83	23.10	
		36	0	21.97	22.12	22.14	22.0±1.0
		36	18	21.92	21.99	22.08	
		36	39	21.81	21.87	22.18	
		75	0	21.73	22.04	22.22	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39750/2506.0	40620/2593.0	41490/2680.0	
20MHz	QPSK	1	0	24.28	24.19	24.33	24.0±1.0
		1	50	24.11	24.13	24.36	
		1	99	24.15	24.17	24.21	
		50	0	23.05	23.11	23.06	23.0±1.0
		50	25	23.14	23.10	23.13	
		50	50	23.06	23.07	23.10	
		100	0	23.05	23.01	23.02	23.0±1.0
	16QAM	1	0	23.05	23.14	23.18	23.0±1.0
		1	50	23.12	23.11	23.16	
		1	99	23.16	23.09	23.05	
		50	0	22.06	22.16	22.14	22.0±1.0
		50	25	22.15	22.10	22.21	
		50	50	22.04	22.08	22.23	
		100	0	22.10	22.05	22.21	22.0±1.0



LTE FDD Band 41 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39675/2498.5	40620/2593.0	41565/2687.5	
5MHz	QPSK	1	0	18.02	17.85	17.79	18.0±1.0
		1	13	17.93	17.75	17.78	
		1	24	17.90	17.79	17.79	
		12	0	17.99	17.86	17.85	18.0±1.0
		12	6	18.00	17.86	17.87	
		12	13	17.93	17.87	17.82	
		25	0	17.97	17.86	17.82	18.0±1.0
	16QAM	1	0	18.06	17.89	17.99	18.0±1.0
		1	13	18.06	17.99	17.97	
		1	24	18.00	17.91	17.84	
		12	0	17.95	17.91	17.87	18.0±1.0
		12	6	17.99	17.92	17.85	
		12	13	18.03	18.00	17.91	
		25	0	17.97	17.88	17.87	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39700/2501.0	40620/2593.0	41540/2685.0	
10MHz	QPSK	1	0	17.92	17.76	17.69	18.0±1.0
		1	25	17.92	17.75	17.73	
		1	49	17.87	17.72	17.67	
		25	0	17.98	17.81	17.74	18.0±1.0
		25	13	17.99	17.79	17.77	
		25	25	17.93	17.89	17.80	
		50	0	17.95	17.78	17.72	18.0±1.0
	16QAM	1	0	18.15	17.95	17.87	18.0±1.0
		1	25	18.22	18.04	17.83	
		1	49	18.12	17.98	17.85	
		25	0	18.06	17.81	17.77	18.0±1.0
		25	13	18.04	17.80	17.77	
		25	25	18.02	17.93	17.86	
		50	0	17.99	17.80	17.78	18.0±1.0



LTE FDD Band 41 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39725/2503.5	40620/2593.0	41515/2682.5	
15MHz	QPSK	1	0	17.96	17.67	17.66	18.0±1.0
		1	38	17.82	17.79	17.70	
		1	74	17.75	17.68	17.70	
		36	0	18.09	17.90	17.95	18.0±1.0
		36	18	18.15	18.00	17.99	
		36	39	18.20	17.83	17.89	
		75	0	17.86	17.70	17.77	18.0±1.0
	16QAM	1	0	18.13	17.95	17.90	18.0±1.0
		1	38	18.03	17.98	18.03	
		1	74	18.09	18.05	17.81	
		36	0	18.04	17.89	17.98	18.0±1.0
		36	18	18.15	17.92	17.82	
		36	39	18.08	17.93	17.99	
		75	0	17.94	17.75	17.84	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				39750/2506.0	40620/2593.0	41490/2680.0	
20MHz	QPSK	1	0	17.91	17.81	17.80	18.0±1.0
		1	50	17.83	17.96	17.92	
		1	99	17.88	17.71	17.69	
		50	0	17.95	17.80	17.74	18.0±1.0
		50	25	17.98	17.80	17.72	
		50	50	17.91	17.84	17.79	
		100	0	17.90	17.76	17.73	18.0±1.0
	16QAM	1	0	18.03	17.88	17.69	18.0±1.0
		1	50	18.16	18.11	17.86	
		1	99	18.10	18.02	17.77	
		50	0	17.95	17.79	17.79	18.0±1.0
		50	25	18.03	17.78	17.78	
		50	50	17.94	17.89	17.85	
		100	0	17.93	17.77	17.76	18.0±1.0



10. LTE Band 66 Conducted Power Test Verdict:

LTE FDD Band 66 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131979/1710.7	132322/1745.0	132665/1779.3	
1.4MHz	QPSK	1	0	22.73	22.89	22.76	22.5±1.0
		1	3	22.71	22.89	22.79	
		1	5	22.70	22.87	22.77	
		3	0	21.69	21.85	21.76	21.5±1.0
		3	2	21.70	21.76	21.79	
		3	3	21.73	21.74	21.77	
		6	0	21.64	21.78	21.68	21.5±1.0
	16QAM	1	0	21.84	22.01	21.81	21.5±1.0
		1	3	21.91	22.11	21.99	
		1	5	21.89	22.00	21.74	
		3	0	20.81	20.90	20.96	20.5±1.0
		3	2	20.88	20.84	20.95	
		3	3	20.76	20.97	20.87	
		6	0	20.73	20.90	20.92	20.5±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131987/1711.5	12322/1745.0	132657/1778.5	
3MHz	QPSK	1	0	22.66	22.71	22.77	22.5±1.0
		1	7	22.81	22.93	22.94	
		1	14	22.75	22.85	22.85	
		8	0	21.77	21.83	21.87	21.5±1.0
		8	4	21.81	21.83	21.87	
		8	7	21.78	21.94	21.89	
		15	0	21.78	21.81	21.91	21.5±1.0
	16QAM	1	0	21.91	21.92	21.84	21.5±1.0
		1	7	21.99	22.03	22.07	
		1	14	21.87	21.98	21.99	
		8	0	20.82	20.84	20.92	20.5±1.0
		8	4	20.88	20.85	20.94	
		8	7	20.90	20.95	20.96	
		15	0	20.84	20.86	20.95	20.5±1.0



LTE FDD Band 66 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131997/1712.5	132322/1745.0	132647/1777.5	
5MHz	QPSK	1	0	22.73	22.83	22.93	22.5 ±1.0
		1	13	22.80	22.95	22.94	
		1	24	22.83	22.96	22.93	
		12	0	21.80	21.82	21.87	21.5 ±1.0
		12	6	21.78	21.80	21.90	
		12	13	21.83	21.95	21.94	
		25	0	21.83	21.83	21.93	21.5 ±1.0
	16QAM	1	0	21.77	21.91	22.03	21.5 ±1.0
		1	13	21.89	22.08	22.15	
		1	24	21.96	21.96	22.07	
		12	0	20.84	20.84	21.01	20.5 ±1.0
		12	6	20.85	20.79	20.95	
		12	13	20.82	20.86	21.01	
		25	0	20.84	20.86	20.93	20.5 ±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132022/1715.0	132322/1745.0	132622/1775.0	
10MHz	QPSK	1	0	22.67	22.84	22.86	22.5 ±1.0
		1	25	22.71	22.91	22.87	
		1	49	22.75	22.81	22.89	
		25	0	21.77	21.91	21.89	21.5 ±1.0
		25	13	21.79	21.88	21.91	
		25	25	21.80	21.93	21.95	
		50	0	21.83	21.89	21.87	21.5 ±1.0
	16QAM	1	0	21.92	22.02	22.17	21.5 ±1.0
		1	25	21.86	22.14	22.04	
		1	49	21.99	22.12	22.07	
		25	0	20.78	20.92	20.91	20.5 ±1.0
		25	13	20.85	20.92	20.95	
		25	25	20.84	21.02	20.97	
		50	0	20.86	20.88	20.90	20.5 ±1.0



LTE FDD Band 66 ANT 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132047/1717.5	132322/1745.0	132597/1772.5	
15MHz	QPSK	1	0	22.81	22.88	22.84	22.5 ±1.0
		1	38	22.76	22.83	22.81	
		1	74	22.70	22.73	22.97	
		36	0	21.81	22.04	22.03	21.5 ±1.0
		36	18	21.86	21.98	22.02	
		36	39	21.84	22.04	21.95	
		75	0	21.73	21.74	21.85	21.5 ±1.0
	16QAM	1	0	21.85	22.01	21.98	21.5 ±1.0
		1	38	21.83	22.00	22.11	
		1	74	21.89	21.91	22.05	
		36	0	20.91	21.06	21.08	20.5 ±1.0
		36	18	20.87	21.02	21.00	
		36	39	20.78	20.97	20.98	
		75	0	20.77	20.79	20.91	20.5 ±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132072/1720.0	132322/1745.0	132572/1770.0	
20MHz	QPSK	1	0	22.76	22.90	22.87	22.5 ±1.0
		1	50	22.85	22.91	22.85	
		1	99	22.65	22.79	22.78	
		50	0	21.72	21.86	21.80	21.5 ±1.0
		50	25	21.79	21.89	21.85	
		50	50	21.83	21.87	21.86	
		100	0	21.81	21.82	21.88	21.5 ±1.0
	16QAM	1	0	21.74	21.90	22.08	21.5 ±1.0
		1	50	21.90	21.94	21.85	
		1	99	21.83	21.87	21.93	
		50	0	20.73	20.84	20.82	20.5 ±1.0
		50	25	20.77	20.85	20.83	
		50	50	20.82	20.84	20.85	
		100	0	20.81	20.83	20.90	20.5 ±1.0



LTE FDD Band 66 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131979/1710.7	132322/1745.0	132665/1779.3	
1.4MHz	QPSK	1	0	17.08	17.30	17.10	17.0±1.0
		1	3	17.03	17.27	17.14	
		1	5	17.09	17.29	17.09	
		3	0	17.00	17.24	17.07	17.0±1.0
		3	2	17.00	17.26	17.11	
		3	3	16.99	17.22	17.05	
		6	0	17.07	17.32	17.14	17.0±1.0
	16QAM	1	0	17.06	17.41	17.34	17.0±1.0
		1	3	17.20	17.47	17.38	
		1	5	17.12	17.44	17.30	
		3	0	17.10	17.45	17.14	17.0±1.0
		3	2	17.12	17.44	17.15	
		3	3	17.13	17.40	17.17	
		6	0	17.11	17.27	17.10	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131987/1711.5	12322/1745.0	132657/1778.5	
3MHz	QPSK	1	0	17.01	17.11	17.04	17.0±1.0
		1	7	17.13	17.33	17.12	
		1	14	17.07	17.19	17.14	
		8	0	17.11	17.25	17.18	17.0±1.0
		8	4	17.13	17.26	17.18	
		8	7	17.15	17.38	17.21	
		15	0	17.13	17.27	17.18	17.0±1.0
	16QAM	1	0	17.13	17.29	17.26	17.0±1.0
		1	7	17.30	17.51	17.32	
		1	14	17.24	17.42	17.24	
		8	0	17.17	17.37	17.23	17.0±1.0
		8	4	17.15	17.33	17.20	
		8	7	17.15	17.42	17.20	
		15	0	17.19	17.31	17.21	17.0±1.0



LTE FDD Band 66 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131997/1712.5	132322/1745.0	132647/1777.5	
5MHz	QPSK	1	0	17.11	17.27	17.12	17.0±1.0
		1	13	17.08	17.35	17.25	
		1	24	17.14	17.40	17.13	
		12	0	17.12	17.30	17.19	17.0±1.0
		12	6	17.12	17.27	17.18	
		12	13	17.17	17.37	17.19	
		25	0	17.10	17.26	17.19	17.0±1.0
	16QAM	1	0	17.18	17.46	17.25	17.0±1.0
		1	13	17.32	17.45	17.35	
		1	24	17.18	17.40	17.22	
		12	0	17.19	17.37	17.21	17.0±1.0
		12	6	17.20	17.27	17.12	
		12	13	17.19	17.41	17.23	
		25	0	17.15	17.30	17.20	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132022/1715.0	132322/1745.0	132622/1775.0	
10MHz	QPSK	1	0	16.93	17.32	17.13	17.0±1.0
		1	25	17.07	17.30	17.10	
		1	49	17.05	17.22	17.09	
		25	0	17.12	17.35	17.18	17.0±1.0
		25	13	17.10	17.34	17.17	
		25	25	17.15	17.37	17.17	
		50	0	17.13	17.29	17.15	17.0±1.0
	16QAM	1	0	17.27	17.46	17.34	17.0±1.0
		1	25	17.40	17.52	17.32	
		1	49	17.35	17.55	17.35	
		25	0	17.18	17.40	17.24	17.0±1.0
		25	13	17.17	17.40	17.15	
		25	25	17.19	17.38	17.25	
		50	0	17.17	17.33	17.12	17.0±1.0



LTE FDD Band 66 ANT 2 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132047/1717.5	132322/1745.0	132597/1772.5	
15MHz	QPSK	1	0	17.02	17.34	17.12	17.0±1.0
		1	38	17.07	17.24	17.07	
		1	74	17.02	17.19	17.12	
		36	0	17.27	17.48	17.35	17.0±1.0
		36	18	17.24	17.32	17.33	
		36	39	17.18	17.39	17.11	
		75	0	17.10	17.22	17.14	17.0±1.0
	16QAM	1	0	17.29	17.42	17.36	17.0±1.0
		1	38	17.29	17.37	17.42	
		1	74	17.23	17.32	17.24	
		36	0	17.24	17.45	17.29	17.0±1.0
		36	18	17.13	17.45	17.32	
		36	39	17.11	17.29	17.17	
		75	0	17.13	17.30	17.20	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132072/1720.0	132322/1745.0	132572/1770.0	
20MHz	QPSK	1	0	16.94	17.30	17.16	17.0±1.0
		1	50	17.10	17.28	17.15	
		1	99	17.07	17.19	17.11	
		50	0	17.06	17.30	17.15	17.0±1.0
		50	25	17.09	17.30	17.16	
		50	50	17.17	17.32	17.15	
		100	0	17.12	17.23	17.16	17.0±1.0
	16QAM	1	0	17.24	17.32	17.31	17.0±1.0
		1	50	17.24	17.51	17.39	
		1	99	17.15	17.31	17.34	
		50	0	17.13	17.32	17.18	17.0±1.0
		50	25	17.10	17.32	17.17	
		50	50	17.25	17.35	17.17	
		100	0	17.17	17.27	17.22	17.0±1.0



LTE FDD Band 66 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131979/1710.7	132322/1745.0	132665/1779.3	
1.4MHz	QPSK	1	0	23.17	23.18	23.10	23.0±1.0
		1	3	23.18	23.19	23.11	
		1	5	23.15	23.17	23.13	
		3	0	22.18	22.17	22.11	22.0±1.0
		3	2	22.14	22.16	22.06	
		3	3	22.12	22.15	22.08	
		6	0	22.18	22.24	22.15	22.0±1.0
	16QAM	1	0	22.28	22.33	22.25	22.0±1.0
		1	3	22.30	22.26	22.25	
		1	5	22.31	22.28	22.26	
		3	0	21.28	21.28	21.17	21.0±1.0
		3	2	21.25	21.27	21.21	
		3	3	21.24	21.26	21.18	
		6	0	21.23	21.22	21.19	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131987/1711.5	12322/1745.0	132657/1778.5	
3MHz	QPSK	1	0	23.10	23.06	23.10	23.0±1.0
		1	7	23.23	23.23	23.24	
		1	14	23.17	23.10	23.12	
		8	0	22.20	22.17	22.18	22.0±1.0
		8	4	22.20	22.17	22.14	
		8	7	22.23	22.28	22.23	
		15	0	22.23	22.19	22.22	22.0±1.0
	16QAM	1	0	22.30	22.23	22.31	22.0±1.0
		1	7	22.40	22.45	22.50	
		1	14	22.31	22.28	22.17	
		8	0	21.25	21.27	21.22	21.0±1.0
		8	4	21.25	21.27	21.22	
		8	7	21.28	21.36	21.20	
		15	0	21.29	21.20	21.25	21.0±1.0



LTE FDD Band 66 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131997/1712.5	132322/1745.0	132647/1777.5	
5MHz	QPSK	1	0	23.19	23.20	23.16	23.0 ±1.0
		1	13	23.23	23.30	23.19	
		1	24	23.26	23.27	23.22	
		12	0	22.22	22.21	22.17	22.0 ±1.0
		12	6	22.21	22.20	22.15	
		12	13	22.22	22.30	22.19	
		25	0	22.22	22.18	22.19	22.0 ±1.0
	16QAM	1	0	22.30	22.34	22.40	22.0 ±1.0
		1	13	22.38	22.45	22.34	
		1	24	22.20	22.40	22.25	
		12	0	21.20	21.14	21.17	21.0 ±1.0
		12	6	21.21	21.18	21.12	
		12	13	21.26	21.27	21.25	
		25	0	21.22	21.20	21.21	21.0 ±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132022/1715.0	132322/1745.0	132622/1775.0	
10MHz	QPSK	1	0	23.23	23.25	23.31	23.0 ±1.0
		1	25	23.26	23.29	23.25	
		1	49	23.25	23.32	23.18	
		25	0	22.20	22.24	22.20	22.0 ±1.0
		25	13	22.18	22.26	22.16	
		25	25	22.22	22.26	22.21	
		50	0	22.22	22.21	22.13	22.0 ±1.0
	16QAM	1	0	22.34	22.41	22.23	22.0 ±1.0
		1	25	22.35	22.27	22.36	
		1	49	22.29	22.38	22.39	
		25	0	21.25	21.24	21.19	21.0 ±1.0
		25	13	21.21	21.23	21.23	
		25	25	21.27	21.31	21.23	
		50	0	21.27	21.24	21.16	21.0 ±1.0



LTE FDD Band 66 ANT 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132047/1717.5	132322/1745.0	132597/1772.5	
15MHz	QPSK	1	0	23.15	23.13	23.14	23.0 ±1.0
		1	38	23.10	23.10	23.09	
		1	74	23.09	23.02	23.05	
		36	0	22.20	22.45	22.33	22.0 ±1.0
		36	18	22.42	22.34	22.37	
		36	39	22.18	22.25	22.24	
		75	0	22.18	22.11	22.12	22.0 ±1.0
	16QAM	1	0	22.37	22.43	22.44	22.0 ±1.0
		1	38	22.27	22.37	22.32	
		1	74	22.14	22.37	22.34	
		36	0	21.29	21.39	21.32	21.0 ±1.0
		36	18	21.33	21.40	21.40	
		36	39	21.17	21.26	21.27	
		75	0	21.20	21.13	21.15	21.0 ±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132072/1720.0	132322/1745.0	132572/1770.0	
20MHz	QPSK	1	0	23.30	23.31	23.26	23.0 ±1.0
		1	50	23.26	23.32	23.22	
		1	99	23.12	23.21	23.15	
		50	0	22.15	22.21	22.09	22.0 ±1.0
		50	25	22.17	22.18	22.08	
		50	50	22.22	22.20	22.11	
		100	0	22.21	22.18	22.13	22.0 ±1.0
	16QAM	1	0	22.25	22.43	22.24	22.0 ±1.0
		1	50	22.32	22.36	22.20	
		1	99	22.30	22.28	22.17	
		50	0	21.18	21.21	21.12	21.0 ±1.0
		50	25	21.17	21.20	21.13	
		50	50	21.17	21.22	21.17	
		100	0	21.22	21.17	21.22	21.0 ±1.0



LTE FDD Band 66 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131979/1710.7	132322/1745.0	132665/1779.3	
1.4MHz	QPSK	1	0	17.93	17.87	17.87	18.0±1.0
		1	3	17.98	17.85	17.82	
		1	5	17.96	17.83	17.85	
		3	0	17.92	17.85	17.88	18.0±1.0
		3	2	17.89	17.85	17.83	
		3	3	17.86	17.90	17.85	
		6	0	17.94	17.90	17.91	18.0±1.0
	16QAM	1	0	18.01	18.06	18.01	18.0±1.0
		1	3	17.96	18.09	17.99	
		1	5	17.05	18.12	17.98	
		3	0	18.02	18.00	17.85	18.0±1.0
		3	2	17.97	17.88	17.90	
		3	3	17.92	17.86	17.91	
		6	0	17.95	17.96	17.84	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131987/1711.5	12322/1745.0	132657/1778.5	
3MHz	QPSK	1	0	17.78	17.76	17.73	18.0±1.0
		1	7	17.90	17.98	17.87	
		1	14	17.73	17.83	17.73	
		8	0	17.89	17.87	17.89	18.0±1.0
		8	4	17.87	17.85	17.88	
		8	7	17.93	17.98	17.92	
		15	0	17.87	17.88	17.90	18.0±1.0
	16QAM	1	0	17.95	17.89	17.93	18.0±1.0
		1	7	18.01	18.20	18.07	
		1	14	17.94	17.97	17.95	
		8	0	17.90	17.93	17.99	18.0±1.0
		8	4	17.87	17.97	17.93	
		8	7	17.91	18.02	17.97	
		15	0	17.93	17.89	18.00	18.0±1.0



LTE FDD Band 66 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				131997/1712.5	132322/1745.0	132647/1777.5	
5MHz	QPSK	1	0	17.82	17.91	17.96	18.0±1.0
		1	13	17.96	17.98	17.98	
		1	24	17.88	17.98	17.96	
		12	0	17.85	17.87	17.95	18.0±1.0
		12	6	17.86	17.87	17.90	
		12	13	17.87	17.95	17.96	
		25	0	17.86	17.86	17.92	18.0±1.0
	16QAM	1	0	17.84	18.07	17.92	18.0±1.0
		1	13	18.08	18.02	17.93	
		1	24	17.84	17.99	17.98	
		12	0	17.95	17.90	17.93	18.0±1.0
		12	6	17.83	17.87	17.90	
		12	13	17.85	18.02	17.91	
		25	0	17.91	17.89	17.94	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132022/1715.0	132322/1745.0	132622/1775.0	
10MHz	QPSK	1	0	17.77	17.92	17.94	18.0±1.0
		1	25	17.80	17.89	17.85	
		1	49	17.74	17.91	17.81	
		25	0	17.86	17.94	17.91	18.0±1.0
		25	13	17.85	17.95	17.94	
		25	25	17.86	17.93	17.95	
		50	0	17.89	17.96	17.87	18.0±1.0
	16QAM	1	0	18.00	18.01	18.10	18.0±1.0
		1	25	18.03	17.99	18.02	
		1	49	17.92	17.98	18.05	
		25	0	17.89	17.98	17.92	18.0±1.0
		25	13	17.84	17.94	17.99	
		25	25	17.91	18.03	18.00	
		50	0	17.89	17.90	17.90	18.0±1.0



LTE FDD Band 66 ANT 4 DSI 1 Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132047/1717.5	132322/1745.0	132597/1772.5	
15MHz	QPSK	1	0	17.77	17.85	17.89	18.0±1.0
		1	38	17.74	17.85	17.95	
		1	74	17.70	17.73	17.77	
		36	0	17.83	18.07	17.94	18.0±1.0
		36	18	17.92	18.09	17.98	
		36	39	17.78	18.07	17.93	
		75	0	17.76	17.79	17.90	18.0±1.0
	16QAM	1	0	17.83	18.11	17.93	18.0±1.0
		1	38	17.82	18.07	17.96	
		1	74	17.89	17.98	17.87	
		36	0	17.96	17.97	17.88	18.0±1.0
		36	18	17.86	18.10	18.00	
		36	39	17.86	17.93	17.75	
		75	0	17.84	17.85	17.89	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency			Tune up
				132072/1720.0	132322/1745.0	132572/1770.0	
20MHz	QPSK	1	0	17.73	17.87	17.79	18.0±1.0
		1	50	17.82	17.91	17.89	
		1	99	17.72	17.75	17.76	
		50	0	17.84	17.89	17.82	18.0±1.0
		50	25	17.85	17.85	17.83	
		50	50	17.84	17.92	17.88	
		100	0	17.86	17.82	17.85	18.0±1.0
	16QAM	1	0	17.81	18.09	17.90	18.0±1.0
		1	50	17.90	18.09	18.00	
		1	99	17.75	17.95	18.00	
		50	0	17.85	17.88	17.81	18.0±1.0
		50	25	17.88	17.91	17.82	
		50	50	17.83	17.89	17.85	
		100	0	17.88	17.88	17.89	18.0±1.0



8.5 NR Conducted Power

1. 5G NR 2 15KHz 20MHz Conducted Power Test Verdict:

N2 ANT 4 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	372000	376000	380000	Tune up
				1860.0MHz	1880.0MHz	1900.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.43	23.37	23.40	23.0±1.0
		1	53	23.34	23.45	23.42	
		1	104	23.48	23.48	23.51	
		50	0	22.91	22.76	22.81	23.0±1.0
		50	28	23.51	23.56	23.31	
		50	56	22.71	22.86	22.76	
		100	0	22.91	22.95	22.84	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.52	23.52	23.73	23.0±1.0
		1	53	23.44	23.57	23.62	
		1	104	23.56	23.66	23.60	
		50	0	22.93	23.16	22.81	23.0±1.0
		50	28	23.43	23.44	23.36	
		50	56	23.07	22.88	22.96	
		100	0	22.45	22.50	22.41	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	21.96	22.37	22.32	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.49	21.06	20.58	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	18.84	19.14	18.61	18.5±1.0
	CP-OFDM QPSK	1	1	22.03	22.25	22.30	22.0±1.0
	CP-OFDM 16QAM	1	1	21.44	21.60	21.45	21.0±1.0
	CP-OFDM 64QAM	1	1	19.51	20.28	19.51	20.0±1.0
	CP-OFDM 256QAM	1	1	16.87	17.17	16.61	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	371500	376000	380500	Tune up
				1857.5MHz	1880.0MHz	1902.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.26	23.35	23.32	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	371000	376000	381000	Tune up
				1855.0MHz	1880.0MHz	1905.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	22.93	23.16	23.16	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	370500	376000	381500	Tune up
				1852.5MHz	1880.0MHz	1907.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.44	23.43	23.57	23.0±1.0



N2 ANT 4 DSI 1 Power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	372000	376000	380000	Tune up
				1860.0MHz	1880.0MHz	1900.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.11	20.06	19.97	19.5±1.0
		1	53	20.04	20.01	20.09	
		1	104	20.01	20.14	20.19	
		50	0	19.94	20.01	20.04	19.5±1.0
		50	28	20.02	20.08	20.11	
		50	56	19.99	19.95	20.03	
		100	0	20.01	20.06	19.95	19.5±1.0
	DFT-s-OFDM QPSK	1	1	20.13	20.04	20.09	19.5±1.0
		1	53	20.04	20.11	20.08	
		1	104	20.02	20.01	19.97	
		50	0	20.04	20.01	20.05	19.5±1.0
		50	28	20.10	20.07	19.93	
		50	56	20.05	20.03	20.09	
		100	0	19.93	20.02	19.89	19.5±1.0
	DFT-s-OFDM 16QAM	1	1	19.80	19.89	19.77	19.5±1.0
	DFT-s-OFDM 64QAM	1	1	19.86	19.96	19.81	19.5±1.0
	DFT-s-OFDM 256QAM	1	1	19.02	18.99	19.11	18.5±1.0
	CP-OFDM QPSK	1	1	19.08	19.15	19.03	18.5±1.0
	CP-OFDM 16QAM	1	1	19.01	19.11	19.05	18.5±1.0
	CP-OFDM 64QAM	1	1	19.02	19.09	18.89	18.5±1.0
	CP-OFDM 256QAM	1	1	16.60	16.54	16.46	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	371500	376000	380500	Tune up
				1857.5MHz	1880.0MHz	1902.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	20.02	19.89	19.95	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	371000	376000	381000	Tune up
				1855.0MHz	1880.0MHz	1905.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	20.02	20.10	19.87	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	370500	376000	381500	Tune up
				1852.5MHz	1880.0MHz	1907.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	20.01	20.12	20.06	19.5±1.0



2. 5G NR 5 15KHz 20MHz Conducted Power Test Verdict:

N5 ANT 2 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.20	23.10	23.17	23.0±1.0
		1	53	23.13	23.07	23.10	
		1	104	23.20	23.00	23.11	
		50	0	22.76	22.63	22.72	23.0±1.0
		50	28	23.21	23.15	23.12	
		50	56	22.80	22.96	22.78	
		100	0	22.65	22.61	22.57	23.0±1.0
	DFT-s-OFDM QPSK	1	1	23.08	23.29	23.17	23.0±1.0
		1	53	23.11	23.05	23.07	
		1	104	23.06	23.13	23.07	
		50	0	23.10	23.07	22.99	23.0±1.0
		50	28	23.23	23.18	23.12	
		50	56	22.98	23.01	22.81	
		100	0	22.21	22.19	22.12	23.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.14	22.31	22.15	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.63	20.35	20.45	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.18	18.95	18.87	19.5±1.0
	CP-OFDM QPSK	1	1	22.01	21.82	21.94	21.5±1.0
	CP-OFDM 16QAM	1	1	21.62	21.35	21.36	21.0±1.0
	CP-OFDM 64QAM	1	1	19.50	19.44	19.65	19.0±1.0
	CP-OFDM 256QAM	1	1	16.50	16.93	16.46	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	22.92	23.27	23.22	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.38	23.22	23.18	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.15	23.35	23.21	23.0±1.0



N5 ANT 2 DSI 1 Power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.83	17.97	17.79	17.5±1.0
		1	53	18.01	17.85	17.95	
		1	104	17.80	17.98	17.91	
		50	0	17.97	17.86	17.85	17.5±1.0
		50	28	17.83	17.96	17.74	
		50	56	17.78	17.91	17.92	
		100	0	17.83	17.99	17.79	17.5±1.0
	DFT-s-OFDM QPSK	1	1	18.04	17.96	17.85	17.5±1.0
		1	53	17.91	17.84	17.98	
		1	104	18.01	17.95	17.82	
		50	0	17.92	17.80	17.84	17.5±1.0
		50	28	17.97	17.99	17.91	
		50	56	17.82	17.93	17.85	
		100	0	17.92	18.03	17.89	17.5±1.0
	DFT-s-OFDM 16QAM	1	1	17.91	17.82	19.85	17.5±1.0
	DFT-s-OFDM 64QAM	1	1	17.85	17.81	17.92	17.5±1.0
	DFT-s-OFDM 256QAM	1	1	17.80	17.85	17.76	17.5±1.0
	CP-OFDM QPSK	1	1	17.69	17.98	17.81	17.5±1.0
	CP-OFDM 16QAM	1	1	17.84	17.80	17.72	17.5±1.0
	CP-OFDM 64QAM	1	1	17.69	18.01	17.85	17.5±1.0
	CP-OFDM 256QAM	1	1	16.47	16.62	16.81	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	17.97	17.94	18.01	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	18.03	17.95	17.88	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	17.81	17.77	17.76	17.5±1.0



3. 5G NR 7 15KHz 20MHz Conducted Power Test Verdict:

N7 ANT 4 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	502000	507000	512000	Tune up
				2510.0MHz	2535.0MHz	2560.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.76	23.59	23.68	23.5±1.0
		1	53	23.81	23.62	23.78	
		1	104	23.50	23.35	23.67	
		50	0	23.21	23.11	23.16	23.0±1.0
		50	28	23.66	23.63	23.64	
		50	56	23.15	23.28	23.23	
		100	0	23.30	23.28	23.29	23.0±1.0
	DFT-s-OFDM QPSK	1	1	24.02	23.91	23.73	23.5±1.0
		1	53	23.82	23.94	23.89	
		1	104	23.56	23.67	23.84	
		50	0	23.44	23.49	23.37	23.0±1.0
		50	28	23.68	23.66	23.74	
		50	56	23.38	23.45	23.51	
		100	0	22.79	22.75	22.77	22.5±1.0
	DFT-s-OFDM 16QAM	1	1	22.56	22.78	22.64	22.5±1.0
	DFT-s-OFDM 64QAM	1	1	20.95	21.12	20.71	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	18.78	19.11	19.20	18.5±1.0
	CP-OFDM QPSK	1	1	22.01	22.08	22.21	21.5±1.0
	CP-OFDM 16QAM	1	1	21.36	22.07	21.82	21.5±1.0
	CP-OFDM 64QAM	1	1	19.62	20.32	19.88	20.0±1.0
	CP-OFDM 256QAM	1	1	16.58	17.03	17.07	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	501500	507000	512500	Tune up
				2507.5MHz	2535.0MHz	2562.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.58	23.50	23.60	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513000	Tune up
				2505.0MHz	2535.0MHz	2565.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.93	23.92	23.87	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513500	Tune up
				2502.5MHz	2535.0MHz	2567.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.99	23.59	23.51	23.5±1.0



N7 ANT 4 DSI 1 Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	502000	507000	512000	Tune up
				2510.0MHz	2535.0MHz	2560.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.28	18.35	18.11	18.0±1.0
		1	53	18.05	18.29	18.41	
		1	104	18.44	18.37	18.30	
		50	0	18.19	18.01	18.25	18.0±1.0
		50	28	18.15	18.24	18.07	
		50	56	17.95	18.02	17.90	
		100	0	18.02	18.13	18.11	18.0±1.0
	DFT-s-OFDM QPSK	1	1	18.44	18.28	18.27	18.0±1.0
		1	53	18.19	18.41	18.24	
		1	104	18.20	18.34	18.17	
		50	0	18.02	18.11	17.96	18.0±1.0
		50	28	18.11	18.25	18.13	
		50	56	17.89	18.02	17.95	
		100	0	18.02	18.17	17.93	18.0±1.0
	DFT-s-OFDM 16QAM	1	1	18.14	18.140	18.02	18.0±1.0
	DFT-s-OFDM 64QAM	1	1	18.03	18.11	18.21	18.0±1.0
	DFT-s-OFDM 256QAM	1	1	17.94	18.07	17.85	18.0±1.0
	CP-OFDM QPSK	1	1	18.00	18.01	17.92	18.0±1.0
	CP-OFDM 16QAM	1	1	18.05	18.13	18.22	18.0±1.0
	CP-OFDM 64QAM	1	1	18.10	18.08	18.01	18.0±1.0
	CP-OFDM 256QAM	1	1	16.64	16.71	16.53	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	501500	507000	512500	Tune up
				2507.5MHz	2535.0MHz	2562.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	18.15	18.22	18.33	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513000	Tune up
				2505.0MHz	2535.0MHz	2565.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	18.15	18.36	18.22	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513500	Tune up
				2502.5MHz	2535.0MHz	2567.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	18.31	18.27	18.41	18.0±1.0



4. 5G NR 26 15KHz 20MHz Conducted Power Test Verdict:

N26 ANT 2 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	164800	166300	167800	Tune up
				824.0MHz	831.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.20	23.40	23.30	23.5±1.0
		1	53	23.35	23.29	23.30	
		1	104	23.29	23.32	23.16	
		50	0	22.91	23.01	22.87	23.0±1.0
		50	28	23.29	23.21	23.11	
		50	56	23.03	22.97	23.05	
		100	0	22.75	22.68	22.72	23.0±1.0
	DFT-s-OFDM QPSK	1	1	23.48	23.52	23.41	23.5±1.0
		1	53	23.39	23.32	23.35	
		1	104	23.37	23.44	23.38	
		50	0	22.85	22.94	23.03	23.0±1.0
		50	28	23.31	23.24	23.25	
		50	56	23.01	23.10	23.05	
		100	0	22.32	22.23	22.24	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.15	22.27	22.17	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.46	20.86	20.41	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	18.36	18.39	18.42	18.5±1.0
	CP-OFDM QPSK	1	1	21.97	22.13	21.97	21.5±1.0
	CP-OFDM 16QAM	1	1	21.14	21.75	21.25	21.5±1.0
	CP-OFDM 64QAM	1	1	19.76	19.80	19.31	20.0±1.0
	CP-OFDM 256QAM	1	1	16.48	16.81	16.50	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	164300	166300	168300	Tune up
				821.5MHz	831.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.32	23.45	23.34	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	163800	166300	168800	Tune up
				819.0MHz	831.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.28	23.21	23.11	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	163300	166300	167800	Tune up
				816.5MHz	831.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.31	23.18	23.24	23.0±1.0



N26 ANT 2 DSI 1 Power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	164800	166300	167800	Tune up
				824.0MHz	831.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.81	19.99	19.82	19.5±1.0
		1	53	19.99	20.01	19.91	
		1	104	20.02	19.96	19.89	
		50	0	19.80	19.87	19.90	19.5±1.0
		50	28	19.91	19.95	19.88	
		50	56	19.85	19.97	19.86	
		100	0	19.89	19.91	19.78	19.5±1.0
	DFT-s-OFDM QPSK	1	1	20.05	20.07	20.01	19.5±1.0
		1	53	20.11	20.09	20.05	
		1	104	20.19	20.17	20.10	
		50	0	19.89	20.04	19.90	19.5±1.0
		50	28	20.01	20.02	19.98	
		50	56	20.02	20.02	19.91	
		100	0	19.91	19.85	19.79	19.5±1.0
	DFT-s-OFDM 16QAM	1	1	20.03	19.85	19.87	19.5±1.0
	DFT-s-OFDM 64QAM	1	1	19.96	20.04	19.73	19.5±1.0
	DFT-s-OFDM 256QAM	1	1	17.94	18.37	18.16	18.0±1.0
	CP-OFDM QPSK	1	1	19.95	20.02	19.86	19.5±1.0
	CP-OFDM 16QAM	1	1	20.02	19.87	19.90	19.5±1.0
	CP-OFDM 64QAM	1	1	20.08	19.92	19.93	19.5±1.0
	CP-OFDM 256QAM	1	1	16.36	16.54	16.69	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	164300	166300	168300	Tune up
				821.5MHz	831.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	19.88	19.97	19.84	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	163800	166300	168800	Tune up
				819.0MHz	831.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	19.97	19.88	19.85	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	163300	166300	167800	Tune up
				816.5MHz	831.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	19.80	19.84	19.87	19.5±1.0



5. 5G NR 41 30KHz 100MHz Conducted Power Test Verdict:

N41 ANT 1 Full Power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.22	26.73	26.79	26.5±1.0
		1	137	26.91	26.85	26.74	
		1	271	26.52	26.68	26.28	
		135	0	26.41	26.57	26.25	26.5±1.0
		135	67	26.55	26.77	26.43	
		135	138	26.43	26.35	26.21	
		270	0	26.14	26.33	26.09	26.5±1.0
	DFT-s-OFDM QPSK	1	1	26.79	26.85	26.76	26.5±1.0
		1	137	26.65	26.90	26.88	
		1	271	26.51	26.77	26.13	
		135	0	26.10	26.34	26.28	26.5±1.0
		135	67	26.64	26.76	26.62	
		135	138	26.47	26.40	26.35	
	270	0	25.63	25.69	25.51	26.5±1.0	
	DFT-s-OFDM 16QAM	1	1	25.60	25.90	25.60	25.5±1.0
	DFT-s-OFDM 64QAM	1	1	24.49	24.48	24.46	24.0±1.0
	DFT-s-OFDM 256QAM	1	1	22.37	22.28	22.50	22.0±1.0
	CP-OFDM QPSK	1	1	25.38	25.55	25.13	25.0±1.0
	CP-OFDM 16QAM	1	1	24.78	25.22	24.77	24.5±1.0
	CP-OFDM 64QAM	1	1	23.66	23.40	23.53	23.0±1.0
	CP-OFDM 256QAM	1	1	20.49	20.38	20.54	20.0±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.72	27.12	26.85	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.63	26.98	26.87	26.5±1.0

Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.85	26.78	27.02	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.57	26.65	26.55	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	26.79	26.92	26.74	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.70	26.85	26.53	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	26.73	26.99	26.48	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.65	26.88	26.51	26.5±1.0



N41 ANT 1 DSI 1 Power			Conducted Power(dBm)				
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	9.76	9.89	9.79	9.5±1.0
		1	137	9.94	10.01	9.88	
		1	271	9.97	10.03	9.86	
		135	0	9.75	9.77	9.87	9.5±1.0
		135	67	9.86	9.85	9.85	
		135	138	9.80	9.87	9.83	
		270	0	9.84	9.81	9.75	9.5±1.0
	DFT-s-OFDM QPSK	1	1	10.06	9.99	10.02	9.5±1.0
		1	137	10.14	10.07	10.07	
		1	271	10.00	9.97	9.98	
		135	0	9.84	9.94	9.87	9.5±1.0
		135	67	9.96	9.92	9.95	
		135	138	9.97	9.92	9.88	
		270	0	9.86	9.75	9.76	9.5±1.0
	DFT-s-OFDM 16QAM	1	1	9.98	9.75	9.84	9.5±1.0
	DFT-s-OFDM 64QAM	1	1	9.91	9.94	9.70	9.5±1.0
	DFT-s-OFDM 256QAM	1	1	9.90	9.92	9.83	9.5±1.0
	CP-OFDM QPSK	1	1	9.97	9.77	9.87	9.5±1.0
	CP-OFDM 16QAM	1	1	9.88	9.95	9.80	9.5±1.0
	CP-OFDM 64QAM	1	1	9.91	9.90	9.78	9.5±1.0
	CP-OFDM 256QAM	1	1	9.69	9.81	9.79	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	9.74	9.89	9.78	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	9.82	9.85	9.71	9.5±1.0



Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	9.92	9.97	9.78	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	9.97	10.01	9.90	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	9.79	9.85	9.68	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	9.85	9.92	9.69	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	9.97	9.81	9.86	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	9.91	9.90	9.83	9.5±1.0



6. 5G NR 66 15KHz 40MHz Conducted Power Test Verdict:

N66 ANT 4 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	346000	349000	352000	Tune up
				1730.0MHz	1745.0MHz	1760.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.52	23.45	23.42	23.0±1.0
		1	108	23.33	23.45	23.41	
		1	214	23.62	23.47	23.45	
		108	0	23.07	22.98	23.12	23.0±1.0
		108	54	23.57	23.52	23.53	
		108	108	23.14	23.22	23.20	
		216	0	22.35	22.31	22.29	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.62	23.50	23.57	23.0±1.0
		1	108	23.73	23.63	23.61	
		1	214	23.60	23.56	23.54	
		108	0	23.18	23.33	23.20	23.0±1.0
		108	54	23.58	23.57	23.56	
		108	108	23.21	23.30	23.17	
		216	0	22.52	22.50	22.48	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	21.24	22.34	22.29	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.62	21.03	20.86	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	19.13	19.25	19.20	18.5±1.0
	CP-OFDM QPSK	1	1	22.26	22.12	22.24	22.0±1.0
	CP-OFDM 16QAM	1	1	21.52	21.53	21.46	21.0±1.0
	CP-OFDM 64QAM	1	1	19.90	20.54	20.22	20.0±1.0
	CP-OFDM 256QAM	1	1	17.26	17.49	17.34	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	345000	349000	353000	Tune up
				1725.0MHz	1745.0MHz	1765.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.40	23.55	23.44	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	344000	349000	354000	Tune up
				1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.38	23.45	23.41	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	343500	349000	354500	Tune up
				1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.68	23.32	23.14	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	343000	349000	355000	Tune up
				1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.50	23.50	23.29	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	342500	349000	355500	Tune up
				1712.5MHz	1745.0MHz	1777.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.54	23.61	23.28	23.0±1.0



N66 ANT 4 DSI 1 Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	346000	349000	352000	Tune up
				1730.0MHz	1745.0MHz	1760.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.10	15.98	16.06	15.5±1.0
		1	53	16.08	16.03	15.99	
		1	104	15.98	16.05	15.93	
		50	0	16.02	16.00	15.94	15.5±1.0
		50	28	16.01	16.06	15.94	
		50	56	15.97	15.98	15.98	
		100	0	15.93	16.01	16.03	15.5±1.0
	DFT-s-OFDM QPSK	1	1	16.13	16.11	16.11	15.5±1.0
		1	53	16.12	16.07	16.01	
		1	104	16.09	16.12	16.06	
		50	0	16.01	16.02	16.00	15.5±1.0
		50	28	16.07	15.99	15.99	
		50	56	16.03	16.03	16.02	
		100	0	15.98	16.10	16.02	15.5±1.0
	DFT-s-OFDM 16QAM	1	1	15.92	15.97	15.78	15.5±1.0
	DFT-s-OFDM 64QAM	1	1	15.97	16.12	15.88	15.5±1.0
	DFT-s-OFDM 256QAM	1	1	15.83	15.96	15.70	15.5±1.0
	CP-OFDM QPSK	1	1	16.01	16.10	15.83	15.5±1.0
	CP-OFDM 16QAM	1	1	15.99	16.02	15.92	15.5±1.0
	CP-OFDM 64QAM	1	1	16.07	16.02	15.95	15.5±1.0
	CP-OFDM 256QAM	1	1	15.71	15.85	15.81	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	345000	349000	353000	Tune up
				1725.0MHz	1745.0MHz	1765.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	16.08	16.17	15.95	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	344000	349000	354000	Tune up
				1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	16.19	16.10	16.05	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	343500	349000	354500	Tune up
				1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	16.08	16.01	15.92	15.5±1.0



Bandwidth	Modulation	RB size	RB offset	343000	349000	355000	Tune up
				1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	16.01	16.05	15.98	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	342500	349000	355500	Tune up
				1712.5MHz	1745.0MHz	1777.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	16.02	16.07	15.94	15.5±1.0



7. 5G NR 77 30KHz 100MHz(3700 MHz-3980MHz)Conducted Power Test Verdict:

N77 ANT 1 Full Power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	650000	656000	662000	Tune up
				3750.00 MHz	3840.00 MHz	3930.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.63	23.62	23.70	23.5±1.0
		1	137	23.81	23.93	24.03	
		1	271	23.63	23.94	24.22	
		135	0	23.41	23.59	23.27	23.5±1.0
		135	67	23.36	23.78	23.58	
		135	138	23.24	23.56	23.48	
		270	0	23.53	23.28	23.32	23.0±1.0
	DFT-s-OFDM QPSK	1	1	23.83	24.02	23.91	23.5±1.0
		1	137	23.95	24.15	24.25	
		1	271	23.78	24.05	24.23	
		135	0	23.10	23.25	23.14	23.5±1.0
		135	67	23.53	23.79	23.87	
		135	138	23.54	23.36	23.23	
		270	0	22.40	22.81	22.73	22.5±1.0
	DFT-s-OFDM 16QAM	1	1	22.50	22.39	22.00	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.86	21.05	21.09	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	18.69	19.02	18.98	18.5±1.0
	CP-OFDM QPSK	1	1	22.25	22.37	22.25	22.0±1.0
	CP-OFDM 16QAM	1	1	22.11	21.52	21.06	21.5±1.0
	CP-OFDM 64QAM	1	1	19.75	20.22	19.93	19.5±1.0
	CP-OFDM 256QAM	1	1	16.93	17.01	17.00	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	649668	656000	662332	Tune up
				3745.02 MHz	3840.00 MHz	3934.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	23.91	23.80	23.76	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	649334	656000	662666	Tune up
				3740.01 MHz	3840.00 MHz	3939.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	23.88	23.76	24.01	23.5±1.0

Bandwidth	Modulation	RB size	RB offset	649000	656000	663000	Tune up
				3735.00 MHz	3840.00 MHz	3945.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	23.95	23.73	23.81	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	648668	656000	663332	Tune up
				3730.02 MHz	3840.00 MHz	3949.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	23.82	24.04	23.90	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	648334	656000	663666	Tune up
				3725.01 MHz	3840.00 MHz	3954.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	23.86	23.78	23.95	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	648000	656000	664000	Tune up
				3720.00 MHz	3840.00 MHz	3960.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	24.03	23.25	23.94	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	647668	656000	664332	Tune up
				3715.02 MHz	3840.00 MHz	3964.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.87	24.01	23.94	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	647334	656000	664666	Tune up
				3710.01 MHz	3840.00 MHz	3969.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.81	23.98	23.86	23.5±1.0



N77 ANT 1 DSI 1 Power			Conducted Power(dBm)				
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	650000	656000	662000	Tune up
				3750.00 MHz	3840.00 MHz	3930.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	9.90	10.15	10.06	9.5±1.0
		1	137	10.07	10.09	10.03	
		1	271	9.98	10.07	10.06	
		135	0	10.05	10.06	9.96	9.5±1.0
		135	67	10.01	9.95	10.00	
		135	138	9.99	10.02	10.01	
		270	0	10.00	10.01	10.03	9.5±1.0
	DFT-s-OFDM QPSK	1	1	10.08	10.15	10.16	9.5±1.0
		1	137	10.02	10.06	10.11	
		1	271	9.96	10.09	10.04	
		135	0	9.92	10.02	9.95	9.5±1.0
		135	67	10.04	10.08	10.07	
		135	138	9.94	10.01	10.08	
		270	0	10.02	10.06	10.03	9.5±1.0
	DFT-s-OFDM 16QAM	1	1	10.02	9.99	9.98	9.5±1.0
	DFT-s-OFDM 64QAM	1	1	9.99	10.08	10.02	9.5±1.0
	DFT-s-OFDM 256QAM	1	1	10.00	10.10	10.03	9.5±1.0
	CP-OFDM QPSK	1	1	10.03	10.12	10.07	9.5±1.0
	CP-OFDM 16QAM	1	1	10.04	10.04	10.08	9.5±1.0
	CP-OFDM 64QAM	1	1	9.99	10.13	10.04	9.5±1.0
	CP-OFDM 256QAM	1	1	9.93	9.87	9.99	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	649668	656000	662332	Tune up
				3745.02 MHz	3840.00 MHz	3934.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	9.97	10.02	9.95	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	649334	656000	662666	Tune up
				3740.01 MHz	3840.00 MHz	3939.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	9.91	10.05	9.90	9.5±1.0

Bandwidth	Modulation	RB size	RB offset	649000	656000	663000	Tune up
				3735.00 MHz	3840.00 MHz	3945.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	9.93	10.02	10.11	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	648668	656000	663332	Tune up
				3730.02 MHz	3840.00 MHz	3949.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	10.13	9.86	9.87	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	648334	656000	663666	Tune up
				3725.01 MHz	3840.00 MHz	3954.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	10.03	9.88	9.95	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	648000	656000	664000	Tune up
				3720.00 MHz	3840.00 MHz	3960.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	9.92	10.02	10.17	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	647668	656000	664332	Tune up
				3715.02 MHz	3840.00 MHz	3964.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	10.12	10.09	9.97	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	647334	656000	664666	Tune up
				3710.01 MHz	3840.00 MHz	3969.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	10.08	10.02	9.95	9.5±1.0



8. 5G NR 78 30KHz 100MHz(3450 MHz-3550MHz)Conducted Power Test Verdict:

N78 ANT 1 Full Power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.52	/	26.0±1.0
		1	137	/	26.30	/	
		1	271	/	26.61	/	
		135	0	/	26.02	/	26.0±1.0
		135	67	/	26.38	/	
		135	138	/	25.96	/	
		270	0	/	25.82	/	25.5±1.0
	DFT-s-OFDM QPSK	1	1	/	26.72	/	26.0±1.0
		1	137	/	26.65	/	
		1	271	/	26.60	/	
		135	0	/	26.19	/	26.0±1.0
		135	67	/	26.38	/	
		135	138	/	26.11	/	
		270	0	/	25.59	/	25.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	24.09	/	23.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	22.66	/	22.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	21.24	/	20.5±1.0
	CP-OFDM QPSK	1	1	/	23.84	/	23.5±1.0
	CP-OFDM 16QAM	1	1	/	23.08	/	22.5±1.0
	CP-OFDM 64QAM	1	1	/	22.73	/	22.0±1.0
	CP-OFDM 256QAM	1	1	/	19.93	/	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.50	26.45	26.61	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.51	26.47	26.66	26.0±1.0

Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.61	26.54	26.43	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.61	23.48	26.39	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz z	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	26.49	26.70	26.52	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.31	26.50	26.47	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	26.30	26.71	26.56	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.38	26.64	26.52	26.0±1.0



N78 ANT 1 DSI 1 Power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.44	/	16.0±1.0
		1	137	/	16.61	/	
		1	271	/	16.45	/	
		135	0	/	16.29	/	16.0±1.0
		135	67	/	16.51	/	
		135	138	/	16.42	/	
		270	0	/	16.53	/	16.0±1.0
	DFT-s-OFDM QPSK	1	1	/	16.55	/	16.0±1.0
		1	137	/	16.62	/	
		1	271	/	16.53	/	
		135	0	/	16.43	/	16.0±1.0
		135	67	/	16.52	/	
		135	138	/	16.47	/	
		270	0	/	16.34	/	16.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	16.46	/	16.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	16.37	/	16.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	16.33	/	16.0±1.0
	CP-OFDM QPSK	1	1	/	16.27	/	16.0±1.0
	CP-OFDM 16QAM	1	1	/	16.38	/	16.0±1.0
	CP-OFDM 64QAM	1	1	/	16.28	/	16.0±1.0
	CP-OFDM 256QAM	1	1	/	16.30	/	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	16.53	16.60	16.70	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	16.71	16.46	16.63	16.0±1.0

Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	16.50	16.43	16.38	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	16.60	16.72	16.51	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz z	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	16.59	16.60	16.39	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	16.43	16.37	16.68	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	16.69	16.58	16.37	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	16.66	16.54	16.42	16.0±1.0

Note:

- 5G NR supports CP-OFDM and DFT-s-OFDM modulation, for DFT-s-OFDM power is higher than CP-OFDM, so only show DFT-s-OFDM power table and chose DFT-s-OFDM to perform SAR testing.
- For 5GNR FDD/TDD supports SCS15KHz and SCS30KHz, chose higher power which is SCS30KHz to perform SAR testing.



8.6 WIFI Conducted Power

Wi-Fi 2.4G Output power ANT 6

2.4G WI-FI Channel/Freq.(MHz)	Output Power (dBm)			
	802.11b	802.11g	802.11n(HT20)	802.11ax(HE20)
1/2412.0	15.53	14.03	13.03	13.11
6/2437.0	15.76	14.30	13.23	13.36
11/2462.0	15.78	14.28	13.27	13.37

2.4G WI-FI Channel/Freq.(MHz)	Output Power (dBm)	
	802.11n(HT40)	802.11ax(HE40)
3/2422.0	13.19	13.19
6/2437.0	13.38	13.40
9/2452.0	13.22	13.24

Wi-Fi 2.4G Output power ANT 7

2.4G WI-FI Channel/Freq.(MHz)	Output Power (dBm)			
	802.11b	802.11g	802.11n(HT20)	802.11ax(HE20)
1/2412.0	14.10	13.17	12.18	12.26
6/2437.0	14.90	13.61	12.58	12.70
11/2462.0	14.58	13.38	12.39	12.46

2.4G WI-FI Channel/Freq.(MHz)	Output Power (dBm)	
	802.11n(HT40)	802.11ax(HE40)
3/2422.0	12.45	12.41
6/2437.0	12.78	12.74
9/2452.0	12.22	12.20



Wi-Fi 2.4G MIMO Output power ANT 6+7

2.4G WI-FI Channel/Freq.(MHz)	Output Power (dBm)	
	802.11n(HT20)	802.11ax(HE20)
1/2412.0	15.64	15.72
6/2437.0	15.93	16.05
11/2462.0	15.86	15.95

2.4G WI-FI Channel/Freq.(MHz)	Output Power (dBm)	
	802.11n(HT40)	802.11ax(HE40)
3/2422.0	15.85	15.83
6/2437.0	16.10	16.09
9/2452.0	15.76	15.76



Wi-Fi U-NII-1 Output power ANT 6

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
36/5180.0	11.32	11.18	10.27	9.99
44/5220.0	11.95	11.92	11.06	10.68
48/5240.0	11.51	11.66	11.00	10.93

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
38/5190.0	9.50	9.30	9.34
46/5230.0	10.31	10.08	10.12

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
42/5210.0	9.64	9.43

Wi-Fi U-NII-1 Output power ANT 7

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
36/5180.0	13.25	13.22	12.52	12.47
44/5220.0	12.72	12.58	12.32	12.25
48/5240.0	12.76	12.71	12.39	12.31

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
38/5190.0	11.70	11.69	11.68
46/5230.0	11.74	11.72	11.71

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
42/5210.0	11.47	11.18



Wi-Fi U-NII-1 MIMO Output power ANT 6+7

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n20	802.11 ac20	802.11 ax20
36/5180.0	15.33	14.55	14.41
44/5220.0	15.27	14.75	14.55
48/5240.0	15.23	14.76	14.68

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
38/5190.0	13.75	13.67	13.68
46/5230.0	14.09	13.99	14.00

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
42/5210.0	13.66	13.40



Wi-Fi U-NII-2A Output power ANT 6

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
52/5260.0	12.49	12.26	10.56	11.06
60/5300.0	12.17	12.41	10.69	11.17
64/5320.0	10.77	10.90	10.22	10.13

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
54/5270.0	10.04	9.78	9.74
62/5310.0	10.89	10.74	10.69

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
58/5290.0	10.14	9.85

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac160	802.11 ax160
56/5250.0	9.81	9.54



Wi-Fi U-NII-2A Output power ANT 7

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
52/5260.0	12.25	12.28	10.18	10.99
60/5300.0	11.53	11.49	9.94	10.25
64/5320.0	10.98	10.95	10.04	9.79

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
54/5270.0	10.27	10.57	10.38
62/5310.0	9.92	9.89	9.86

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
58/5290.0	9.62	9.40

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac160	802.11 ax160
56/5250.0	11.18	10.98



Wi-Fi U-NII-2A MIMO Output power ANT 6+7

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n20	802.11 ac20	802.11 ax20
52/5260.0	15.28	13.38	14.04
60/5300.0	14.98	13.34	13.74
64/5320.0	13.94	13.14	12.97

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
54/5270.0	13.17	13.20	13.08
62/5310.0	13.44	13.35	13.31

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
58/5290.0	12.90	12.64

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac160	802.11 ax160
56/5250.0	13.56	13.33



Wi-Fi U-NII-2C Output power ANT 6

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
100/5500.0	11.65	11.27	10.38	10.18
120/5600.0	11.60	11.76	10.92	10.59
140/5700.0	11.61	11.73	10.82	10.65

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
102/5510.0	9.47	9.40	9.34
118/5590.0	10.44	10.52	10.36
134/5670.0	10.43	10.61	10.39

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
106/5530.0	9.20	8.92
122/5610.0	10.34	10.06

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac160	802.11 ax160
114/5570.0	9.90	9.68



Wi-Fi U-NII-2C Output power ANT 7

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
100/5500.0	10.44	10.42	9.52	9.49
120/5600.0	12.29	12.27	10.33	10.25
140/5700.0	11.60	10.58	9.69	9.63

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
102/5510.0	9.57	8.66	8.58
118/5590.0	9.77	9.18	9.14
134/5670.0	10.27	9.10	9.32

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
106/5530.0	8.71	8.26
122/5610.0	8.96	8.71

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac160	802.11 ax160
114/5570.0	9.54	9.26



Wi-Fi U-NII-2C MIMO Output power ANT 6+7

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n20	802.11 ac20	802.11 ax20
100/5500.0	13.88	12.98	12.86
120/5600.0	15.03	13.65	13.43
140/5700.0	14.20	13.30	13.18

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
102/5510.0	12.53	12.06	11.99
118/5590.0	13.13	12.91	12.80
134/5670.0	13.36	12.93	12.90

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
106/5530.0	11.97	11.61
122/5610.0	12.71	12.45

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac160	802.11 ax160
114/5570.0	12.73	12.49



Wi-Fi U-NII-3 Output power ANT 6

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
149/5745.0	11.99	11.67	10.77	10.70
157/5785.0	11.16	11.43	10.54	10.19
165/5825.0	11.67	11.80	10.92	10.68

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
151/5755.0	9.79	9.66	9.67
159/5795.0	10.04	9.95	9.94

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
155/5775.0	9.42	9.19

Wi-Fi U-NII-3 Output power ANT 7

Channel/Freq.(MHz)	Output Power (dBm)			
	802.11 a	802.11 n20	802.11 ac20	802.11 ax20
149/5745.0	10.93	11.02	10.15	10.58
157/5785.0	10.99	11.02	10.23	10.57
165/5825.0	11.37	11.36	10.25	10.59

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
151/5755.0	9.71	9.69	9.68
159/5795.0	9.91	9.88	9.85

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
155/5775.0	9.56	9.30



Wi-Fi U-NII-3 MIMO Output power ANT 6+7

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n20	802.11 ac20	802.11 ax20
149/5745.0	14.37	13.48	13.65
157/5785.0	14.24	13.40	13.39
165/5825.0	14.60	13.61	13.65

Channel/Freq.(MHz)	Output Power (dBm)		
	802.11 n40	802.11 ac40	802.11 ax40
151/5755.0	12.76	12.69	12.69
159/5795.0	12.99	12.93	12.91

Channel/Freq.(MHz)	Output Power (dBm)	
	802.11 ac80	802.11 ax80
155/5775.0	12.50	12.26

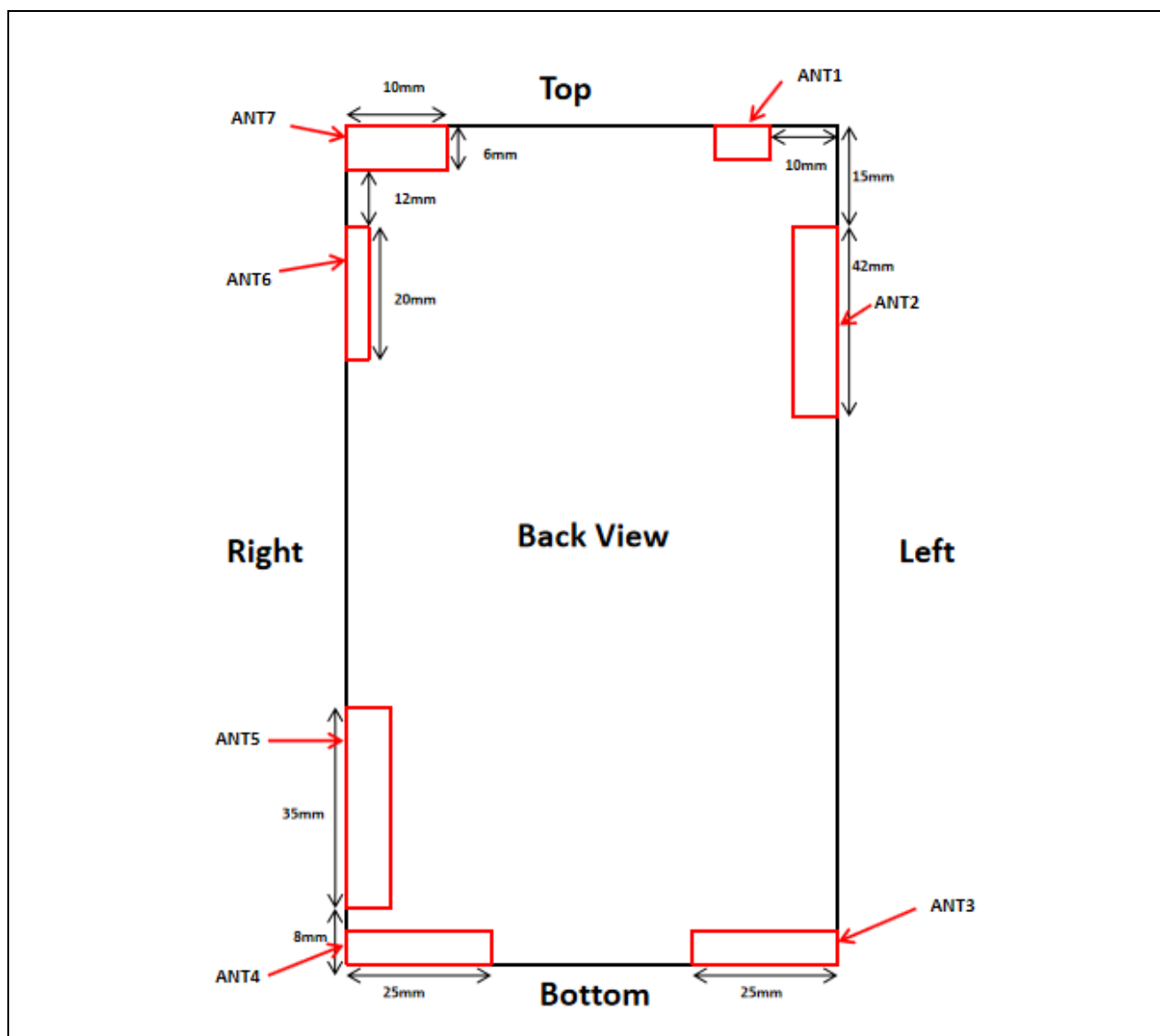
7.7 Bluetooth Output Power

BT Output power ANT 7

Channel	Frequency (MHz)	BT Output Power(dBm)		
		GFSK	$\pi/4$ -DQPSK	8-DPSK
CH 0	2402	10.45	9.28	9.99
CH 39	2441	10.77	10.32	10.78
CH 78	2480	9.83	9.16	9.68

Channel	Frequency (MHz)	BLE Output Power(dBm)	
		1M(GFSK)	2M(GFSK)
CH 0	2402	6.72	6.74
CH 19	2440	7.27	7.30
CH 39	2480	6.25	6.30

9. Antenna Location:



Antenna	Test Band
ANT 1	5G NR 41 / 77 / 78
ANT 2	GSM 850/GSM 900, CDMA BC0, WCDMA 850 / 1900, LTE Band 2 / 4 / 5 / 7 / 12 / 17 / 26 / 40 / 41 / 66, 5G NR 5 / 26
ANT 3	GSM 850, CDMA BC0, WCDMA 850, LTE Band 5 / 12 / 17 / 26
ANT 4	GSM 1900, WCDMA 1900, 4G Band 2 / 4 / 7 / 40 / 41 / 66, 5G NR 2 / 7 / 66
ANT 6	2.4GWIFI, 5GWIFI
ANT 7	2.4GWIFI, 5GWIFI, BT



Antenna-to-User (Edge Side) distance (mm):

Antenna	Front	Back	Left	Right	Top	Bottom
ANT 1	<25	<25	<25	>25	<25	>25
ANT 2	<25	<25	<25	>25	<25	>25
ANT 3	<25	<25	<25	>25	>25	<25
ANT 4	<25	<25	>25	<25	>25	<25
ANT 6	<25	<25	>25	<25	<25	>25
ANT 7	<25	<25	>25	<25	<25	>25

Note:

1. Overall (Length x Width x High): 164.5 mm x 77.0 mm x 9.5 mm
2. Overall Diagonal: 179 mm / Display Diagonal: 172 mm

The Body SAR measurement positions of each band are as below:

Antenna	Front	Back	Left	Right	Top	Bottom
ANT 1 Body	Yes	Yes	Yes	No	Yes	No
ANT 2 Body	Yes	Yes	Yes	No	Yes	No
ANT 3 Body	Yes	Yes	Yes	No	No	Yes
ANT 4 Body	Yes	Yes	No	Yes	No	Yes
ANT 6 Body	Yes	Yes	No	Yes	Yes	No
ANT 7 Body	Yes	Yes	No	Yes	Yes	No

Note:

1. According to KDB 941225 D06 v02r01, when antenna-to-edge>2.5cm, SAR is not required.
2. The other Frequencies were measured at the worst position

**10. Scaling Factor calculation**

Operation Mode	Channel /Frequency	Output Power(dBm)	Tune up Power in tolerance (dBm)	Max. Tune up(dBm)	Scaling Factor
GSM850 ANT 2 Full Power	128/824.2	32.54	32.0 ± 1.0	33.00	1.112
	190/836.6	33.14	32.5 ± 1.0	33.50	1.086
	251/848.8	32.62	32.0 ± 1.0	33.00	1.091
GPRS850 (GPRS 3Tx)ANT 2 Full Power	128/824.2	29.82	29.5 ± 1.0	30.50	1.169
	190/836.6	30.43	30.0 ± 1.0	31.00	1.140
	251/848.8	29.91	29.5 ± 1.0	30.50	1.146
GSM850 ANT 2 DSI 1 Power	128/824.2	24.09	23.5 ± 1.0	24.50	1.099
	190/836.6	24.90	24.5 ± 1.0	25.50	1.148
	251/848.8	24.09	23.5 ± 1.0	24.50	1.099
GPRS850 (GPRS 3Tx)ANT 2 DSI 1 Power	128/824.2	21.29	21.0 ± 1.0	22.00	1.178
	190/836.6	22.30	22.0 ± 1.0	23.00	1.175
	251/848.8	21.31	21.0 ± 1.0	22.00	1.172
GSM850 ANT 3 Full Power	128/824.2	31.82	31.5 ± 1.0	32.50	1.169
	190/836.6	32.58	32.0 ± 1.0	33.00	1.102
	251/848.8	31.97	31.5 ± 1.0	32.50	1.130
GPRS850 (GPRS 3Tx)ANT 3 Full Power	128/824.2	28.68	28.0 ± 1.0	29.00	1.076
	190/836.6	29.57	29.0 ± 1.0	30.00	1.104
	251/848.8	28.59	28.0 ± 1.0	29.00	1.099
GSM850 ANT 3 DSI 1 Power	128/824.2	28.79	28.5 ± 1.0	29.50	1.178
	190/836.6	29.43	29.0 ± 1.0	30.00	1.140
	251/848.8	28.80	28.5 ± 1.0	29.50	1.175
GPRS850 (GPRS 3Tx)ANT 3 DSI 1 Power	128/824.2	24.25	23.5 ± 1.0	24.50	1.059
	190/836.6	24.95	24.5 ± 1.0	25.50	1.135
	251/848.8	24.18	23.5 ± 1.0	24.50	1.076
GSM1900 ANT 2 Full Power	512/1850.2	29.49	29.0 ± 1.0	30.00	1.125
	661/1880.0	29.76	29.5 ± 1.0	30.50	1.186
	810/1909.8	29.92	29.5 ± 1.0	30.50	1.143
GPRS1900 (GPRS 3Tx)ANT 2 Full Power	512/1850.2	25.67	25.0 ± 1.0	26.00	1.079
	661/1880.0	25.82	25.5 ± 1.0	26.50	1.169
	810/1909.8	25.91	25.5 ± 1.0	26.50	1.146
GSM1900 ANT 2 DSI 1 Power	512/1850.2	23.32	23.0 ± 1.0	24.00	1.169
	661/1880.0	23.34	23.0 ± 1.0	24.00	1.164
	810/1909.8	23.34	23.0 ± 1.0	24.00	1.164



GPRS1900 (GPRS 3Tx)ANT 2 DSI 1 Power	512/1850.2	19.59	19.0 ± 1.0	20.00	1.099
	661/1880.0	19.79	19.5 ± 1.0	20.50	1.178
	810/1909.8	19.76	19.5 ± 1.0	20.50	1.186
GSM1900 ANT 4 Full Power	512/1850.2	30.02	29.5 ± 1.0	30.50	1.117
	661/1880.0	30.05	29.5 ± 1.0	30.50	1.109
	810/1909.8	30.21	29.5 ± 1.0	30.50	1.069
GPRS1900 (GPRS 3Tx)ANT 4 Full Power	512/1850.2	26.32	26.0 ± 1.0	27.00	1.169
	661/1880.0	26.58	26.0 ± 1.0	27.00	1.102
	810/1909.8	26.44	26.0 ± 1.0	27.00	1.138
GSM1900 ANT 4 DSI 1 Power	512/1850.2	23.25	22.5 ± 1.0	23.50	1.059
	661/1880.0	23.59	23.0 ± 1.0	24.00	1.099
	810/1909.8	23.24	22.5 ± 1.0	23.50	1.062
GPRS1900 (GPRS 3Tx)ANT 4 DSI 1 Power	512/1850.2	19.65	19.0 ± 1.0	20.00	1.084
	661/1880.0	20.05	19.5 ± 1.0	20.50	1.109
	810/1909.8	19.75	19.0 ± 1.0	20.00	1.059
CDMA BC 0 RC3 + SO32 (+F-SCH) ANT 2 Full Power	1013/824.7	23.35	23.0 ± 1.0	24.00	1.161
	384/836.52	23.29	23.0 ± 1.0	24.00	1.178
	777/848.31	23.45	23.0 ± 1.0	24.00	1.135
CDMA BC 0 RC3 + SO32 (+F-SCH) ANT 2 DSI 1 Power	1013/824.7	19.08	18.5 ± 1.0	19.50	1.102
	384/836.52	19.11	18.5 ± 1.0	19.50	1.094
	777/848.31	19.16	18.5 ± 1.0	19.50	1.081
CDMA BC 0 RC3 + SO32 (+F-SCH) ANT 3 Full Power	1013/824.7	23.55	23.0 ± 1.0	24.00	1.109
	384/836.52	23.61	23.0 ± 1.0	24.00	1.094
	777/848.31	23.48	23.0 ± 1.0	24.00	1.127
CDMA BC 0 RC3 + SO32 (+F-SCH) ANT 3 DSI 1 Power	1013/824.7	21.95	21.5 ± 1.0	22.50	1.135
	384/836.52	22.13	21.5 ± 1.0	22.50	1.089
	777/848.31	22.06	21.5 ± 1.0	22.50	1.107
WCDMA 850 ANT 2 Full Power	4132/826.4	23.10	22.5 ± 1.0	23.50	1.096
	4183/836.6	23.08	22.5 ± 1.0	23.50	1.102
	4233/846.6	22.99	22.5 ± 1.0	23.50	1.125
WCDMA 850 ANT 2 DSI 1 Power	4132/826.4	18.65	18.0 ± 1.0	19.00	1.084
	4183/836.6	18.63	18.0 ± 1.0	19.00	1.089
	4233/846.6	18.53	18.0 ± 1.0	19.00	1.114



WCDMA 850 ANT 3 Full Power	4132/826.4	23.48	23.0 ± 1.0	24.00	1.127
	4183/836.6	23.46	23.0 ± 1.0	24.00	1.132
	4233/846.6	23.42	23.0 ± 1.0	24.00	1.143
WCDMA 850 ANT 3 DSI 1 Power	4132/826.4	22.04	21.5 ± 1.0	22.50	1.112
	4183/836.6	22.11	21.5 ± 1.0	22.50	1.094
	4233/846.6	22.03	21.5 ± 1.0	22.50	1.114
WCDMA 1700 ANT 2 Full Power	1312/1712.4	22.78	22.5 ± 1.0	23.50	1.180
	1412/1732.4	22.84	22.5 ± 1.0	23.50	1.164
	1513/1752.6	22.86	22.5 ± 1.0	23.50	1.159
WCDMA 1700 ANT 2 DSI 1 Power	1312/1712.4	20.58	20.0 ± 1.0	21.00	1.102
	1412/1732.4	20.61	20.0 ± 1.0	21.00	1.094
	1513/1752.6	20.64	20.0 ± 1.0	21.00	1.086
WCDMA 1700 ANT 4 Full Power	1312/1712.4	23.00	22.5 ± 1.0	23.50	1.122
	1412/1732.4	23.06	22.5 ± 1.0	23.50	1.107
	1513/1752.6	23.06	22.5 ± 1.0	23.50	1.107
WCDMA 1700 ANT 4 DSI 1 Power	1312/1712.4	17.63	17.0 ± 1.0	18.00	1.089
	1412/1732.4	17.67	17.0 ± 1.0	18.00	1.079
	1513/1752.6	17.66	17.0 ± 1.0	18.00	1.081
WCDMA 1900 ANT 2 Full Power	9262/1852.4	23.10	22.5 ± 1.0	23.50	1.096
	9400/1880.0	23.21	22.5 ± 1.0	23.50	1.069
	9538/1907.6	23.19	22.5 ± 1.0	23.50	1.074
WCDMA 1900 ANT 2 DSI 1 Power	9262/1852.4	16.54	16.0 ± 1.0	17.00	1.112
	9400/1880.0	16.64	16.0 ± 1.0	17.00	1.086
	9538/1907.6	16.55	16.0 ± 1.0	17.00	1.109
WCDMA 1900 ANT 4 Full Power	9262/1852.4	23.23	22.5 ± 1.0	23.50	1.064
	9400/1880.0	23.14	22.5 ± 1.0	23.50	1.086
	9538/1907.6	23.20	22.5 ± 1.0	23.50	1.072
WCDMA 1900 ANT 4 DSI 1 Power	9262/1852.4	17.62	17.0 ± 1.0	18.00	1.091
	9400/1880.0	17.61	17.0 ± 1.0	18.00	1.094
	9538/1907.6	17.60	17.0 ± 1.0	18.00	1.096
LTE B2 20MHz 1RB#0 ANT 2 Full Power	18700/1860.0	22.91	22.5 ± 1.0	23.50	1.146
	18900/1880.0	22.98	22.5 ± 1.0	23.50	1.127
	19100/1900.0	22.95	22.5 ± 1.0	23.50	1.135
LTE B2 20MHz 50%RB#0 ANT 2 Full Power	18700/1860.0	21.90	21.5 ± 1.0	22.50	1.148
	18900/1880.0	21.98	21.5 ± 1.0	22.50	1.127
	19100/1900.0	21.91	21.5 ± 1.0	22.50	1.146



LTE B2 20MHz 1RB#0 ANT 2 DSI 1 Power	18700/1860.0	17.81	17.5 ± 1.0	18.50	1.172
	18900/1880.0	17.83	17.5 ± 1.0	18.50	1.167
	19100/1900.0	17.80	17.5 ± 1.0	18.50	1.175
LTE B2 20MHz 50%RB#0 ANT 2 DSI 1 Power	18700/1860.0	17.85	17.5 ± 1.0	18.50	1.161
	18900/1880.0	17.88	17.5 ± 1.0	18.50	1.153
	19100/1900.0	17.83	17.5 ± 1.0	18.50	1.167
LTE B2 20MHz 1RB#0 ANT 4 Full Power	18700/1860.0	23.43	23.0 ± 1.0	24.00	1.140
	18900/1880.0	23.41	23.0 ± 1.0	24.00	1.146
	19100/1900.0	23.40	23.0 ± 1.0	24.00	1.148
LTE B2 20MHz 50%RB#0 ANT 4 Full Power	18700/1860.0	22.44	22.0 ± 1.0	23.00	1.138
	18900/1880.0	22.49	22.0 ± 1.0	23.00	1.125
	19100/1900.0	22.39	22.0 ± 1.0	23.00	1.151
LTE B2 20MHz 1RB#0 ANT 4 DSI 1 Power	18700/1860.0	18.10	17.5 ± 1.0	18.50	1.096
	18900/1880.0	18.14	17.5 ± 1.0	18.50	1.086
	19100/1900.0	18.10	17.5 ± 1.0	18.50	1.096
LTE B2 20MHz 50%RB#0 ANT 4 DSI 1 Power	18700/1860.0	18.06	17.5 ± 1.0	18.50	1.107
	18900/1880.0	18.14	17.5 ± 1.0	18.50	1.086
	19100/1900.0	18.28	18.0 ± 1.0	19.00	1.180
LTE B4 20MHz 1RB#0 ANT 2 Full Power	20050/1720.0	22.74	22.5 ± 1.0	23.50	1.191
	20175/1732.5	22.86	22.5 ± 1.0	23.50	1.159
	20300/1745.0	22.87	22.5 ± 1.0	23.50	1.156
LTE B4 20MHz 50%RB#0 ANT 2 Full Power	20050/1720.0	21.69	21.0 ± 1.0	22.00	1.074
	20175/1732.5	21.84	21.5 ± 1.0	22.50	1.164
	20300/1745.0	21.84	21.5 ± 1.0	22.50	1.164
LTE B4 20MHz 1RB#0 ANT 2 DSI 1 Power	20050/1720.0	17.36	17.0 ± 1.0	18.00	1.159
	20175/1732.5	17.28	17.0 ± 1.0	18.00	1.180
	20300/1745.0	17.29	17.0 ± 1.0	18.00	1.178
LTE B4 20MHz 50%RB#0 ANT 2 DSI 1 Power	20050/1720.0	17.44	17.0 ± 1.0	18.00	1.138
	20175/1732.5	17.42	17.0 ± 1.0	18.00	1.143
	20300/1745.0	17.39	17.0 ± 1.0	18.00	1.151
LTE B4 20MHz 1RB#0 ANT 4 Full Power	20050/1720.0	23.22	22.5 ± 1.0	23.50	1.067
	20175/1732.5	23.32	23.0 ± 1.0	24.00	1.169
	20300/1745.0	23.30	23.0 ± 1.0	24.00	1.175
LTE B4 20MHz 50%RB#0 ANT 4 Full Power	20050/1720.0	22.27	22.0 ± 1.0	23.00	1.183
	20175/1732.5	22.35	22.0 ± 1.0	23.00	1.161
	20300/1745.0	22.30	22.0 ± 1.0	23.00	1.175



LTE B4 20MHz 1RB#0 ANT 4 DSI 1 Power	20050/1720.0	17.99	17.5 ± 1.0	18.50	1.125
	20175/1732.5	17.97	17.5 ± 1.0	18.50	1.130
	20300/1745.0	18.16	17.5 ± 1.0	18.50	1.081
LTE B4 20MHz 50%RB#0 ANT 4 DSI 1 Power	20050/1720.0	18.06	17.5 ± 1.0	18.50	1.107
	20175/1732.5	18.14	17.5 ± 1.0	18.50	1.086
	20300/1745.0	18.28	18.0 ± 1.0	19.00	1.180
LTE B5 10MHz 1RB#0 ANT 2 Full Power	20450/829.0	22.83	22.5 ± 1.0	23.50	1.167
	20525/836.5	22.93	22.5 ± 1.0	23.50	1.140
	20600/844.0	22.95	22.5 ± 1.0	23.50	1.135
LTE B5 10MHz 50%RB#0 ANT 2 Full Power	20450/829.0	21.96	21.5 ± 1.0	22.50	1.132
	20525/836.5	22.00	21.5 ± 1.0	22.50	1.122
	20600/844.0	21.93	21.5 ± 1.0	22.50	1.140
LTE B5 10MHz 1RB#0 ANT 2 DSI 1 Power	20450/829.0	18.88	18.5 ± 1.0	19.50	1.153
	20525/836.5	18.93	18.5 ± 1.0	19.50	1.140
	20600/844.0	18.83	18.5 ± 1.0	19.50	1.167
LTE B5 10MHz 50%RB#0 ANT 2 DSI 1 Power	20450/829.0	18.94	18.5 ± 1.0	19.50	1.138
	20525/836.5	18.97	18.5 ± 1.0	19.50	1.130
	20600/844.0	19.10	18.5 ± 1.0	19.50	1.096
LTE B5 10MHz 1RB#0 ANT 3 Full Power	20450/829.0	23.33	23.0 ± 1.0	24.00	1.167
	20525/836.5	23.37	23.0 ± 1.0	24.00	1.156
	20600/844.0	23.33	23.0 ± 1.0	24.00	1.167
LTE B5 10MHz 50%RB#0 ANT 3 Full Power	20450/829.0	22.30	22.0 ± 1.0	23.00	1.175
	20525/836.5	22.25	22.0 ± 1.0	23.00	1.189
	20600/844.0	22.23	22.0 ± 1.0	23.00	1.194
LTE B5 10MHz 1RB#0 ANT 3 DSI 1 Power	20450/829.0	18.96	18.5 ± 1.0	19.50	1.132
	20525/836.5	19.08	18.5 ± 1.0	19.50	1.102
	20600/844.0	19.00	18.5 ± 1.0	19.50	1.122
LTE B5 10MHz 50%RB#0 ANT 3 DSI 1 Power	20450/829.0	19.09	18.5 ± 1.0	19.50	1.099
	20525/836.5	19.09	18.5 ± 1.0	19.50	1.099
	20600/844.0	19.06	18.5 ± 1.0	19.50	1.107
LTE B7 20MHz 1RB#0 ANT 2 Full Power	20850/2510.0	23.08	22.5 ± 1.0	23.50	1.102
	21100/2535.0	22.96	22.5 ± 1.0	23.50	1.132
	21350/2560.0	23.04	22.5 ± 1.0	23.50	1.112
LTE B7 20MHz 50%RB#0 ANT 2 Full Power	20850/2510.0	22.10	21.5 ± 1.0	22.50	1.096
	21100/2535.0	21.98	21.5 ± 1.0	22.50	1.127
	21350/2560.0	21.98	21.5 ± 1.0	22.50	1.127



LTE B7 20MHz 1RB#0 ANT 2 DSI 1 Power	20850/2510.0	19.68	19.0 ± 1.0	20.00	1.076
	21100/2535.0	19.58	19.0 ± 1.0	20.00	1.102
	21350/2560.0	19.51	19.0 ± 1.0	20.00	1.119
LTE B7 20MHz 50%RB#0 ANT 2 DSI 1 Power	20850/2510.0	19.72	19.0 ± 1.0	20.00	1.067
	21100/2535.0	19.60	19.0 ± 1.0	20.00	1.096
	21350/2560.0	19.57	19.0 ± 1.0	20.00	1.104
LTE B7 20MHz 1RB#0 ANT 4 Full Power	20850/2510.0	23.60	23.0 ± 1.0	24.00	1.096
	21100/2535.0	23.48	23.0 ± 1.0	24.00	1.127
	21350/2560.0	23.48	23.0 ± 1.0	24.00	1.127
LTE B7 20MHz 50%RB#0 ANT 4 Full Power	20850/2510.0	22.55	22.0 ± 1.0	23.00	1.109
	21100/2535.0	22.45	22.0 ± 1.0	23.00	1.135
	21350/2560.0	22.56	22.0 ± 1.0	23.00	1.107
LTE B7 20MHz 1RB#0 ANT 4 DSI 1 Power	20850/2510.0	19.93	19.5 ± 1.0	20.50	1.140
	21100/2535.0	19.84	19.5 ± 1.0	20.50	1.164
	21350/2560.0	19.83	19.5 ± 1.0	20.50	1.167
LTE B7 20MHz 50%RB#0 ANT 4 DSI 1 Power	20850/2510.0	19.96	19.5 ± 1.0	20.50	1.132
	21100/2535.0	19.85	19.5 ± 1.0	20.50	1.161
	21350/2560.0	19.57	19.0 ± 1.0	20.00	1.104
LTE B12 10MHz 1RB#0 ANT 2 Full Power	23060/704.0	22.74	22.5 ± 1.0	23.50	1.191
	23095/707.5	23.05	22.5 ± 1.0	23.50	1.109
	23130/711.0	22.80	22.5 ± 1.0	23.50	1.175
LTE B12 10MHz 50%RB#0 ANT 2 Full Power	23060/704.0	21.82	21.5 ± 1.0	22.50	1.169
	23095/707.5	21.96	21.5 ± 1.0	22.50	1.132
	23130/711.0	21.84	21.5 ± 1.0	22.50	1.164
LTE B12 10MHz 1RB#0 ANT 2 DSI 1 Power	23060/704.0	19.84	19.5 ± 1.0	20.50	1.164
	23095/707.5	19.84	19.5 ± 1.0	20.50	1.164
	23130/711.0	19.85	19.5 ± 1.0	20.50	1.161
LTE B12 10MHz 50%RB#0 ANT 2 DSI 1 Power	23060/704.0	19.91	19.5 ± 1.0	20.50	1.146
	23095/707.5	19.86	19.5 ± 1.0	20.50	1.159
	23130/711.0	19.89	19.5 ± 1.0	20.50	1.151
LTE B12 10MHz 1RB#0 ANT 3 Full Power	23060/704.0	23.92	23.5 ± 1.0	24.50	1.143
	23095/707.5	24.02	23.5 ± 1.0	24.50	1.117
	23130/711.0	24.07	23.5 ± 1.0	24.50	1.104
LTE B12 10MHz 50%RB#0 ANT 3 Full Power	23060/704.0	23.02	22.5 ± 1.0	23.50	1.117
	23095/707.5	23.02	22.5 ± 1.0	23.50	1.117
	23130/711.0	23.02	22.5 ± 1.0	23.50	1.117



LTE B12 10MHz 1RB#0 ANT 3 DSI 1 Power	23060/704.0	20.78	20.5 ± 1.0	21.50	1.180
	23095/707.5	20.82	20.5 ± 1.0	21.50	1.169
	23130/711.0	20.75	20.5 ± 1.0	21.50	1.189
LTE B12 10MHz 50%RB#0 ANT 3 DSI 1 Power	23060/704.0	20.85	20.5 ± 1.0	21.50	1.161
	23095/707.5	20.81	20.5 ± 1.0	21.50	1.172
	23130/711.0	20.81	20.5 ± 1.0	21.50	1.172
LTE B17 10MHz 1RB#0 ANT 2 Full Power	23780/709.0	22.78	22.5 ± 1.0	23.50	1.180
	23790/710.0	22.72	22.0 ± 1.0	23.00	1.067
	23800/711.0	22.70	22.0 ± 1.0	23.00	1.072
LTE B17 10MHz 50%RB#0 ANT 2 Full Power	23780/709.0	21.84	21.5 ± 1.0	22.50	1.164
	23790/710.0	21.84	21.5 ± 1.0	22.50	1.164
	23800/711.0	21.86	21.5 ± 1.0	22.50	1.159
LTE B17 10MHz 1RB#0 ANT 2 DSI 1 Power	23780/709.0	19.97	19.5 ± 1.0	20.50	1.130
	23790/710.0	19.77	19.5 ± 1.0	20.50	1.183
	23800/711.0	19.87	19.5 ± 1.0	20.50	1.156
LTE B17 10MHz 50%RB#0 ANT 2 DSI 1 Power	23780/709.0	19.92	19.5 ± 1.0	20.50	1.143
	23790/710.0	19.93	19.5 ± 1.0	20.50	1.140
	23800/711.0	19.92	19.5 ± 1.0	20.50	1.143
LTE B17 10MHz 1RB#0 ANT 3 Full Power	23780/709.0	23.97	23.5 ± 1.0	24.50	1.130
	23790/710.0	23.98	23.5 ± 1.0	24.50	1.127
	23800/711.0	23.94	23.5 ± 1.0	24.50	1.138
LTE B17 10MHz 50%RB#0 ANT 3 Full Power	23780/709.0	23.01	22.5 ± 1.0	23.50	1.119
	23790/710.0	23.02	22.5 ± 1.0	23.50	1.117
	23800/711.0	23.04	22.5 ± 1.0	23.50	1.112
LTE B17 10MHz 1RB#0 ANT 3 DSI 1 Power	23780/709.0	20.78	20.5 ± 1.0	21.50	1.180
	23790/710.0	20.79	20.5 ± 1.0	21.50	1.178
	23800/711.0	20.80	20.5 ± 1.0	21.50	1.175
LTE B17 10MHz 50%RB#0 ANT 3 DSI 1 Power	23780/709.0	20.85	20.5 ± 1.0	21.50	1.161
	23790/710.0	20.89	20.5 ± 1.0	21.50	1.151
	23800/711.0	20.81	20.5 ± 1.0	21.50	1.172
LTE B26 15MHz 1RB#0 ANT 2 Full Power	26775/822.5	23.06	22.5 ± 1.0	23.50	1.107
	26865/831.5	23.04	22.5 ± 1.0	23.50	1.112
	26965/841.5	23.04	22.5 ± 1.0	23.50	1.112
LTE B26 15MHz 50%RB#0 ANT 2 Full Power	26775/822.5	22.04	21.5 ± 1.0	22.50	1.112
	26865/831.5	22.23	21.5 ± 1.0	22.50	1.064
	26965/841.5	22.17	21.5 ± 1.0	22.50	1.079



LTE B26 15MHz 1RB#0 ANT 2 DSI 1 Power	26775/822.5	19.88	19.5 ± 1.0	20.50	1.153
	26865/831.5	19.87	19.5 ± 1.0	20.50	1.156
	26965/841.5	19.94	19.5 ± 1.0	20.50	1.138
LTE B26 15MHz 50%RB#0 ANT 2 DSI 1 Power	26775/822.5	20.07	19.5 ± 1.0	20.50	1.104
	26865/831.5	20.09	19.5 ± 1.0	20.50	1.099
	26965/841.5	20.05	19.5 ± 1.0	20.50	1.109
LTE B26 15MHz 1RB#0 ANT 4 Full Power	26775/822.5	23.53	23.0 ± 1.0	24.00	1.114
	26865/831.5	23.50	23.0 ± 1.0	24.00	1.122
	26965/841.5	23.46	23.0 ± 1.0	24.00	1.132
LTE B26 15MHz 50%RB#0 ANT 4 Full Power	26775/822.5	22.49	22.0 ± 1.0	23.00	1.125
	26865/831.5	22.52	22.0 ± 1.0	23.00	1.117
	26965/841.5	22.64	22.0 ± 1.0	23.00	1.086
LTE B26 15MHz 1RB#0 ANT 4 DSI 1 Power	26775/822.5	20.30	20.0 ± 1.0	21.00	1.175
	26865/831.5	20.32	20.0 ± 1.0	21.00	1.169
	26965/841.5	20.19	20.0 ± 1.0	21.00	1.205
LTE B26 15MHz 50%RB#0 ANT 4 DSI 1 Power	26775/822.5	20.36	20.0 ± 1.0	21.00	1.159
	26865/831.5	20.38	20.0 ± 1.0	21.00	1.153
	26965/841.5	20.42	20.0 ± 1.0	21.00	1.143
LTE B40A 20MHz 1RB#0 ANT 2 Full Power	38750/2310.0	23.29	23.0 ± 1.0	24.00	1.178
LTE B40A 20MHz 50%RB#0 ANT 2 Full Power	38750/2310.0	22.24	22.0 ± 1.0	23.00	1.191
LTE B40A 20MHz 1RB#0 ANT 2 DSI 1 Power	38750/2310.0	20.33	20.0 ± 1.0	21.00	1.167
LTE B40A 20MHz 50%RB#0 ANT 2 DSI 1 Power	38750/2310.0	20.09	19.5 ± 1.0	20.50	1.099
LTE B40A 20MHz 1RB#0 ANT 4 Full Power	38750/2310.0	23.25	23.0 ± 1.0	24.00	1.189
LTE B40A 20MHz 50%RB#0 ANT 4 Full Power	38750/2310.0	22.25	22.0 ± 1.0	23.00	1.189



LTE B40A 20MHz 1RB#0 ANT 4 DSI 1 Power	38750/2310.0	20.40	20.0 ± 1.0	21.00	1.148
LTE B40A 20MHz 50%RB#0 ANT 4 DSI 1 Power	38750/2310.0	20.27	20.0 ± 1.0	21.00	1.183
LTE B40B 20MHz 1RB#0 ANT 2 Full Power	38750/2310.0	23.25	23.0 ± 1.0	24.00	1.189
LTE B40B 20MHz 50%RB#0 ANT 2 Full Power	38750/2310.0	22.25	22.0 ± 1.0	23.00	1.189
LTE B40B 20MHz 1RB#0 ANT 2 DSI 1 Power	38750/2310.0	20.35	20.0 ± 1.0	21.00	1.161
LTE B40B 20MHz 50%RB#0 ANT 2 DSI 1 Power	38750/2310.0	20.31	20.0 ± 1.0	21.00	1.172
LTE B40B 20MHz 1RB#0 ANT 4 Full Power	38750/2310.0	23.40	23.0 ± 1.0	24.00	1.148
LTE B40B 20MHz 50%RB#0 ANT 4 Full Power	38750/2310.0	22.26	22.0 ± 1.0	23.00	1.186
LTE B40B 20MHz 1RB#0 ANT 4 DSI 1 Power	38750/2310.0	20.34	20.0 ± 1.0	21.00	1.164
LTE B40B 20MHz 50%RB#0 ANT 4 DSI 1 Power	38750/2310.0	20.21	20.0 ± 1.0	21.00	1.199
LTE B41 20MHz 1RB#0 ANT 2 Full Power	39750/2506.0	24.49	24.0 ± 1.0	25.00	1.125
	40620/2593.0	24.39	24.0 ± 1.0	25.00	1.151
	41490/2680.0	24.33	24.0 ± 1.0	25.00	1.167
LTE B41 20MHz 50%RB#0 ANT 2 Full Power	39750/2506.0	23.23	23.0 ± 1.0	24.00	1.194
	40620/2593.0	23.48	23.0 ± 1.0	24.00	1.127
	41490/2680.0	23.32	23.0 ± 1.0	24.00	1.169



LTE B41 20MHz 1RB#0 ANT 2 DSI 1 Power	39750/2506.0	18.25	18.0 ± 1.0	19.00	1.189
	40620/2593.0	18.10	17.5 ± 1.0	18.50	1.096
	41490/2680.0	17.99	17.5 ± 1.0	18.50	1.125
LTE B41 20MHz 50%RB#0 ANT 2 DSI 1 Power	39750/2506.0	18.28	18.0 ± 1.0	19.00	1.180
	40620/2593.0	18.03	17.5 ± 1.0	18.50	1.114
	41490/2680.0	18.01	17.5 ± 1.0	18.50	1.119
LTE B41 20MHz 1RB#0 ANT 4 Full Power	39750/2506.0	24.28	24.0 ± 1.0	25.00	1.180
	40620/2593.0	24.19	23.5 ± 1.0	24.50	1.074
	41490/2680.0	24.33	24.0 ± 1.0	25.00	1.167
LTE B41 20MHz 50%RB#0 ANT 4 Full Power	39750/2506.0	23.05	22.5 ± 1.0	23.50	1.109
	40620/2593.0	23.11	22.5 ± 1.0	23.50	1.094
	41490/2680.0	23.06	22.5 ± 1.0	23.50	1.107
LTE B41 20MHz 1RB#0 ANT 4 DSI 1 Power	39750/2506.0	17.91	17.5 ± 1.0	18.50	1.146
	40620/2593.0	17.81	17.5 ± 1.0	18.50	1.172
	41490/2680.0	17.80	17.5 ± 1.0	18.50	1.175
LTE B41 20MHz 50%RB#0 ANT 4 DSI 1 Power	39750/2506.0	17.95	17.5 ± 1.0	18.50	1.135
	40620/2593.0	17.80	17.5 ± 1.0	18.50	1.175
	41490/2680.0	17.74	17.5 ± 1.0	18.50	1.191
LTE B66 20MHz 1RB#0 ANT 2 Full Power	132072/1720.0	22.76	22.5 ± 1.0	23.50	1.186
	132322/1745.0	22.90	22.5 ± 1.0	23.50	1.148
	132572/1770.0	22.87	22.5 ± 1.0	23.50	1.156
LTE B66 20MHz 50%RB#0 ANT 2 Full Power	132072/1720.0	21.72	21.0 ± 1.0	22.00	1.067
	132322/1745.0	21.86	21.5 ± 1.0	22.50	1.159
	132572/1770.0	21.80	21.5 ± 1.0	22.50	1.175
LTE B66 20MHz 1RB#0 ANT 2 DSI 1 Power	132072/1720.0	16.94	16.5 ± 1.0	17.50	1.138
	132322/1745.0	17.30	17.0 ± 1.0	18.00	1.175
	132572/1770.0	17.16	16.5 ± 1.0	17.50	1.081
LTE B66 20MHz 50%RB#0 ANT 2 DSI 1 Power	132072/1720.0	17.06	16.5 ± 1.0	17.50	1.107
	132322/1745.0	17.30	17.0 ± 1.0	18.00	1.175
	132572/1770.0	17.15	16.5 ± 1.0	17.50	1.084
LTE B66 20MHz 1RB#0 ANT 4 Full Power	132072/1720.0	23.30	23.0 ± 1.0	24.00	1.175
	132322/1745.0	23.31	23.0 ± 1.0	24.00	1.172
	132572/1770.0	23.26	23.0 ± 1.0	24.00	1.186
LTE B66 20MHz 50%RB#0 ANT 4 Full Power	132072/1720.0	22.15	21.5 ± 1.0	22.50	1.084
	132322/1745.0	22.21	21.5 ± 1.0	22.50	1.069
	132572/1770.0	22.09	21.5 ± 1.0	22.50	1.099



LTE B66 20MHz 1RB#0 ANT 4 DSI 1 Power	132072/1720.0	17.73	17.0 ± 1.0	18.00	1.064
	132322/1745.0	17.87	17.5 ± 1.0	18.50	1.156
	132572/1770.0	17.79	17.5 ± 1.0	18.50	1.178
LTE B66 20MHz 50%RB#0 ANT 4 DSI 1 Power	132072/1720.0	17.84	17.5 ± 1.0	18.50	1.164
	132322/1745.0	17.89	17.5 ± 1.0	18.50	1.151
	132572/1770.0	17.82	17.5 ± 1.0	18.50	1.169



5G NR 2 15KHz 20MHz 1RB#1 ANT 4 Full Power	372000/1860.0	23.52	23.0 ± 1.0	24.00	1.117
	376000/1880.0	23.52	23.0 ± 1.0	24.00	1.117
	380000/1900.0	23.73	23.0 ± 1.0	24.00	1.064
5G NR 2 15KHz 20MHz 50%RB#0 ANT 4 Full Power	372000/1860.0	22.93	22.5 ± 1.0	23.50	1.140
	376000/1880.0	23.16	22.5 ± 1.0	23.50	1.081
	380000/1900.0	22.81	22.5 ± 1.0	23.50	1.172
5G NR 2 15KHz 20MHz 1RB#1 ANT 4 DSI 1 Power	372000/1860.0	20.13	19.5 ± 1.0	20.50	1.089
	376000/1880.0	20.04	19.5 ± 1.0	20.50	1.112
	380000/1900.0	20.09	19.5 ± 1.0	20.50	1.099
5G NR 2 15KHz 20MHz 50%RB#0 ANT 4 DSI 1 Power	372000/1860.0	20.04	19.5 ± 1.0	20.50	1.112
	376000/1880.0	20.01	19.5 ± 1.0	20.50	1.119
	380000/1900.0	20.05	19.5 ± 1.0	20.50	1.109
5G NR 5 15KHz 20MHz 1RB#1 ANT 2 Full Power	166800/834.0	23.08	22.5 ± 1.0	23.50	1.102
	167300/836.5	23.29	23.0 ± 1.0	24.00	1.178
	167800/839.0	23.17	22.5 ± 1.0	23.50	1.079
5G NR 5 15KHz 20MHz 50%RB#0 ANT 2 Full Power	166800/834.0	23.10	22.5 ± 1.0	23.50	1.096
	167300/836.5	23.07	22.5 ± 1.0	23.50	1.104
	167800/839.0	22.99	22.5 ± 1.0	23.50	1.125
5G NR 5 15KHz 20MHz 1RB#1 ANT 2 DSI 1 Power	166800/834.0	18.04	17.5 ± 1.0	18.50	1.112
	167300/836.5	17.96	17.5 ± 1.0	18.50	1.132
	167800/839.0	17.85	17.5 ± 1.0	18.50	1.161
5G NR 5 15KHz 20MHz 50%RB#0 ANT 2 DSI 1 Power	166800/834.0	17.92	17.5 ± 1.0	18.50	1.143
	167300/836.5	17.80	17.5 ± 1.0	18.50	1.175
	167800/839.0	17.84	17.5 ± 1.0	18.50	1.164
5G NR 7 15KHz 20MHz 1RB#1 ANT 4 Full Power	502000/2510.0	24.02	23.5 ± 1.0	24.50	1.117
	507000/2535.0	23.91	23.5 ± 1.0	24.50	1.146
	512000/2560.0	23.73	23.0 ± 1.0	24.00	1.064
5G NR 7 15KHz 20MHz 50%RB#0 ANT 4 Full Power	502000/2510.0	23.44	23.0 ± 1.0	24.00	1.138
	507000/2535.0	23.49	23.0 ± 1.0	24.00	1.125
	512000/2560.0	23.37	23.0 ± 1.0	24.00	1.156
5G NR 7 15KHz 20MHz 1RB#1 ANT 4 DSI 1 Power	502000/2510.0	18.44	18.0 ± 1.0	19.00	1.138
	507000/2535.0	18.28	18.0 ± 1.0	19.00	1.180
	512000/2560.0	18.27	18.0 ± 1.0	19.00	1.183
5G NR 7 15KHz 20MHz 50%RB#0 ANT 4 DSI 1 Power	502000/2510.0	18.02	17.5 ± 1.0	18.50	1.117
	507000/2535.0	18.11	17.5 ± 1.0	18.50	1.094
	512000/2560.0	17.96	17.5 ± 1.0	18.50	1.132



5G NR 26 15KHz 20MHz 1RB#1 ANT 2 Full Power	164800/824.0	23.48	23.0 ± 1.0	24.00	1.127
	167300/831.5	23.52	23.0 ± 1.0	24.00	1.117
	167800/839.0	23.41	23.0 ± 1.0	24.00	1.146
5G NR 26 15KHz 20MHz 50%RB#0 ANT 2 Full Power	164800/824.0	22.85	22.5 ± 1.0	23.50	1.161
	167300/831.5	22.94	22.5 ± 1.0	23.50	1.138
	167800/839.0	23.03	22.5 ± 1.0	23.50	1.114
5G NR 26 15KHz 20MHz 1RB#1 ANT 2 DSI 1 Power	164800/824.0	20.05	19.5 ± 1.0	20.50	1.109
	167300/831.5	20.07	19.5 ± 1.0	20.50	1.104
	167800/839.0	20.01	19.5 ± 1.0	20.50	1.119
5G NR 26 15KHz 20MHz 50%RB#0 ANT 2 DSI 1 Power	164800/824.0	19.89	19.5 ± 1.0	20.50	1.151
	167300/831.5	20.04	19.5 ± 1.0	20.50	1.112
	167800/839.0	19.90	19.5 ± 1.0	20.50	1.148
5G NR 41 30KHz 100MHz 1RB#1 ANT 1 Full Power	509202/2546.01	26.79	26.5 ± 1.0	27.50	1.178
	518598/2592.99	26.85	26.5 ± 1.0	27.50	1.161
	528000/2640.0	26.76	26.5 ± 1.0	27.50	1.186
5G NR 41 30KHz 100MHz 50%RB#0 ANT 1 Full Power	509202/2546.01	26.10	25.5 ± 1.0	26.50	1.096
	518598/2592.99	26.34	26.0 ± 1.0	27.00	1.164
	528000/2640.0	26.28	26.0 ± 1.0	27.00	1.180
5G NR 41 30KHz 100MHz 1RB#1 ANT 1 DSI 1 Power	509202/2546.01	10.06	9.5 ± 1.0	10.50	1.107
	518598/2592.99	9.99	9.5 ± 1.0	10.50	1.125
	528000/2640.0	10.02	9.5 ± 1.0	10.50	1.117
5G NR 41 30KHz 100MHz 50%RB#0 ANT 1 DSI 1 Power	509202/2546.01	9.84	9.5 ± 1.0	10.50	1.164
	518598/2592.99	9.94	9.5 ± 1.0	10.50	1.138
	528000/2640.0	9.87	9.5 ± 1.0	10.50	1.156
5G NR 66 15KHz 20MHz 1RB#1 ANT 4 Full Power	346000/1730.0	23.62	23.0 ± 1.0	24.00	1.091
	349000/1745.0	23.50	23.0 ± 1.0	24.00	1.122
	352000/1760.0	23.57	23.0 ± 1.0	24.00	1.104
5G NR 66 15KHz 20MHz 50%RB#0 ANT 4 Full Power	346000/1730.0	23.18	22.5 ± 1.0	23.50	1.076
	349000/1745.0	23.33	23.0 ± 1.0	24.00	1.167
	352000/1760.0	23.20	22.5 ± 1.0	23.50	1.072
5G NR 66 15KHz 20MHz 1RB#1 ANT 4 DSI 1 Power	346000/1730.0	16.13	15.5 ± 1.0	16.50	1.089
	349000/1745.0	16.11	15.5 ± 1.0	16.50	1.094
	352000/1760.0	16.11	15.5 ± 1.0	16.50	1.094
5G NR 66 15KHz 20MHz 50%RB#0 ANT 4 DSI 1 Power	346000/1730.0	16.01	15.5 ± 1.0	16.50	1.119
	349000/1745.0	16.02	15.5 ± 1.0	16.50	1.117
	352000/1760.0	16.00	15.5 ± 1.0	16.50	1.122



5G NR 77 30KHz 100MHz 1RB#1 ANT 1 Full Power	650000/3750.0	23.83	23.5 ± 1.0	24.50	1.167
	656000/3840.0	24.02	23.5 ± 1.0	24.50	1.117
	662000/3930.0	23.91	23.5 ± 1.0	24.50	1.146
5G NR 77 30KHz 100MHz 50%RB#0 ANT 1 Full Power	650000/3750.0	23.10	23.0 ± 1.0	24.00	1.230
	656000/3840.0	23.25	23.0 ± 1.0	24.00	1.189
	662000/3930.0	23.14	23.0 ± 1.0	24.00	1.219
5G NR 77 30KHz 100MHz 1RB#1 ANT 1 DSI 1 Power	650000/3750.0	10.08	9.5 ± 1.0	10.50	1.102
	656000/3840.0	10.15	9.5 ± 1.0	10.50	1.084
	662000/3930.0	10.16	9.5 ± 1.0	10.50	1.081
5G NR 77 30KHz 100MHz 50%RB#0 ANT 1 DSI 1 Power	650000/3750.0	9.92	9.5 ± 1.0	10.50	1.143
	656000/3840.0	10.02	9.5 ± 1.0	10.50	1.117
	662000/3930.0	9.95	9.5 ± 1.0	10.50	1.135
5G NR 78 30KHz 100MHz 1RB#1 ANT 1 Full Power	633334/3500.01	26.72	26.0 ± 1.0	27.00	1.067
5G NR 78 30KHz 100MHz 1RB#1 ANT 1 Full Power	633334/3500.01	26.19	25.5 ± 1.0	26.50	1.074
5G NR 78 30KHz 100MHz 1RB#1 ANT 1 Full Power	633334/3500.01	16.55	16.0 ± 1.0	17.00	1.109
5G NR 78 30KHz 100MHz 1RB#1 ANT 1 Full Power	633334/3500.01	16.43	16.0 ± 1.0	17.00	1.140



WIFI 2.4G 802.11b ANT 6	1/2412.0	15.53	15.0 ± 1.0	16.00	1.114
	6/2437.0	15.76	15.5 ± 1.0	16.50	1.186
	11/2462.0	15.78	15.5 ± 1.0	16.50	1.180
WIFI 2.4G 802.11b ANT 7	1/2412.0	14.10	13.5 ± 1.0	14.50	1.096
	6/2437.0	14.90	14.5 ± 1.0	15.50	1.148
	11/2462.0	14.58	14.0 ± 1.0	15.00	1.102
WIFI 2.4G MIMO 802.11n40 ANT 6+7	1/2412.0	15.85	15.5 ± 1.0	16.50	1.161
	6/2437.0	16.10	15.5 ± 1.0	16.50	1.096
	11/2462.0	15.76	15.5 ± 1.0	16.50	1.186
Wi-Fi U-NII-1 802.11a ANT 6	36/5180.0	11.32	11.0 ± 1.0	12.00	1.169
	44/5220.0	11.95	11.5 ± 1.0	12.50	1.135
	48/5240.0	11.51	11.0 ± 1.0	12.00	1.119
Wi-Fi U-NII-1 802.11a ANT 7	36/5180.0	13.25	13.0 ± 1.0	14.00	1.189
	44/5220.0	12.72	12.0 ± 1.0	13.00	1.067
	48/5240.0	12.76	12.5 ± 1.0	13.50	1.186
Wi-Fi U-NII-1 MIMO 802.11n20 ANT 6+7	36/5180.0	15.33	15.0 ± 1.0	16.00	1.167
	44/5220.0	15.27	15.0 ± 1.0	16.00	1.183
	48/5240.0	15.23	15.0 ± 1.0	16.00	1.194
Wi-Fi U-NII-2a 802.11a ANT 6	52/5260.0	12.49	12.0 ± 1.0	13.00	1.125
	60/5300.0	12.17	11.5 ± 1.0	12.50	1.079
	64/5320.0	10.77	10.5 ± 1.0	11.50	1.183
Wi-Fi U-NII-2a 802.11n20 ANT 7	52/5260.0	12.28	12.0 ± 1.0	13.00	1.180
	60/5300.0	11.49	11.0 ± 1.0	12.00	1.125
	64/5320.0	10.95	10.5 ± 1.0	11.50	1.135
Wi-Fi U-NII-2a MIMO 802.11n20 ANT 6+7	52/5260.0	15.28	15.0 ± 1.0	16.00	1.180
	60/5300.0	14.98	14.5 ± 1.0	15.50	1.127
	64/5320.0	13.94	13.5 ± 1.0	14.50	1.138
Wi-Fi U-NII-2c 802.11n20 ANT 6	100/5500.0	11.27	11.0 ± 1.0	12.00	1.183
	120/5600.0	11.76	11.5 ± 1.0	12.50	1.186
	140/5700.0	11.73	11.0 ± 1.0	12.00	1.064
Wi-Fi U-NII-2c 802.11a ANT 7	100/5500.0	10.44	10.0 ± 1.0	11.00	1.138
	120/5600.0	12.29	12.0 ± 1.0	13.00	1.178
	140/5700.0	11.60	11.0 ± 1.0	12.00	1.096
Wi-Fi U-NII-2c MIMO 802.11n20 ANT 6+7	100/5500.0	13.88	13.5 ± 1.0	14.50	1.153
	120/5600.0	15.03	14.5 ± 1.0	15.50	1.114
	140/5700.0	14.20	13.5 ± 1.0	14.50	1.072
Wi-Fi U-NII-3 802.11a ANT 6	149/5745.0	11.99	11.5 ± 1.0	12.50	1.125
	157/5785.0	11.16	10.5 ± 1.0	11.50	1.081
	165/5825.0	11.67	11.0 ± 1.0	12.00	1.079



Wi-Fi U-NII-3 802.11a ANT 7	149/5745.0	10.93	10.5 ± 1.0	11.50	1.140
	157/5785.0	10.99	10.5 ± 1.0	11.50	1.125
	165/5825.0	11.37	11.0 ± 1.0	12.00	1.156
Wi-Fi U-NII-3 MIMO 802.11n20 ANT 6+7	149/5745.0	14.37	14.0 ± 1.0	15.00	1.156
	157/5785.0	14.24	13.5 ± 1.0	14.50	1.062
	165/5825.0	14.60	14.0 ± 1.0	15.00	1.096
BT 8-DPSK ANT 7	0/2402.0	9.99	9.5 ± 1.0	10.50	1.125
	39/2441.0	10.78	10.5 ± 1.0	11.50	1.180
	78/2480.0	9.68	9.0 ± 1.0	10.00	1.076



11. Test Results

Results overview of GSM850

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	4183/836.6	Voice	0.121	-0.10	1.148	0.139	1.6	1
Right Tilted	Head	4183/836.6	Voice	0.058	1.19	1.148	0.067	1.6	/
Left Cheek	Head	4183/836.6	Voice	0.098	-2.65	1.148	0.113	1.6	/
Left Tilted	Head	4183/836.6	Voice	0.041	-0.24	1.148	0.047	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	4183/836.6	GPRS 3Tx	0.050	-2.80	1.175	0.059	1.6	/
Back Upward	Body & Hotspot	4183/836.6	GPRS 3Tx	0.048	-0.61	1.175	0.056	1.6	/
Left	Hotspot	4183/836.6	GPRS 3Tx	0.085	-1.09	1.175	0.100	1.6	/
Top	Hotspot	4183/836.6	GPRS 3Tx	0.071	-1.42	1.175	0.083	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	4183/836.6	GPRS 3Tx	0.232	0.29	1.140	0.264	1.6	2

**Results overview of GSM850**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	4183/836.6	Voice	0.032	-1.62	1.140	0.036	1.6	3
Right Tilted	Head	4183/836.6	Voice	0.017	0.10	1.140	0.019	1.6	/
Left Cheek	Head	4183/836.6	Voice	0.026	-3.66	1.140	0.030	1.6	/
Left Tilted	Head	4183/836.6	Voice	0.014	-0.78	1.140	0.016	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	4183/836.6	GPRS 3Tx	0.270	-1.64	1.135	0.306	1.6	/
Back Upward	Body & Hotspot	4183/836.6	GPRS 3Tx	0.280	2.83	1.135	0.318	1.6	4
Left	Hotspot	4183/836.6	GPRS 3Tx	0.255	-1.68	1.135	0.289	1.6	/
Bottom	Hotspot	4183/836.6	GPRS 3Tx	0.205	-3.39	1.135	0.233	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	4183/836.6	GPRS 3Tx	0.172	0.45	1.102	0.190	1.6	/
Bottom (Test distance 14mm)	Hotspot	4183/836.6	GPRS 3Tx	0.194	2.29	1.102	0.214	1.6	/

**Results overview of GSM1900**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	661/1880.0	Voice	0.148	-1.87	1.164	0.172	1.6	5
Right Tilted	Head	661/1880.0	Voice	0.080	-3.21	1.164	0.093	1.6	/
Left Cheek	Head	661/1880.0	Voice	0.100	-0.26	1.164	0.116	1.6	/
Left Tilted	Head	661/1880.0	Voice	0.061	0.44	1.164	0.071	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	661/1880.0	GPRS 3Tx	0.143	2.33	1.178	0.168	1.6	/
Back Upward	Body & Hotspot	661/1880.0	GPRS 3Tx	0.114	-1.97	1.178	0.134	1.6	/
Left	Hotspot	661/1880.0	GPRS 3Tx	0.122	-0.36	1.178	0.144	1.6	/
Top	Hotspot	661/1880.0	GPRS 3Tx	0.094	-2.21	1.178	0.111	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	661/1880.0	GPRS 3Tx	0.195	-1.49	1.164	0.227	1.6	6

**Results overview of GSM1900**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	661/1880.0	Voice	0.121	-0.36	1.099	0.133	1.6	7
Right Tilted	Head	661/1880.0	Voice	0.071	-2.21	1.099	0.078	1.6	/
Left Cheek	Head	661/1880.0	Voice	0.100	-0.69	1.099	0.110	1.6	/
Left Tilted	Head	661/1880.0	Voice	0.068	1.26	1.099	0.075	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	661/1880.0	GPRS 3Tx	0.058	-2.25	1.109	0.064	1.6	/
Back Upward	Body & Hotspot	661/1880.0	GPRS 3Tx	0.069	-0.49	1.109	0.077	1.6	/
Right	Hotspot	661/1880.0	GPRS 3Tx	0.029	1.22	1.109	0.032	1.6	/
Bottom	Hotspot	661/1880.0	GPRS 3Tx	0.052	-1.06	1.109	0.058	1.6	/
Sensor off/Full Power									
Bottom (Test distance 14mm)	Hotspot	661/1880.0	GPRS 3Tx	0.118	-1.97	1.102	0.130	1.6	8

**Results overview of CDMA BC 0**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.296	-0.14	1.094	0.324	1.6	9
Right Tilted	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.128	-2.22	1.094	0.140	1.6	/
Left Cheek	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.162	-0.96	1.094	0.177	1.6	/
Left Tilted	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.070	-0.21	1.094	0.077	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.150	-2.20	1.094	0.164	1.6	/
Back Upward	Body & Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.102	-1.33	1.094	0.112	1.6	/
Left	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.188	-0.56	1.094	0.206	1.6	10
Top	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.048	-3.75	1.094	0.053	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.144	0.36	1.178	0.170	1.6	/

**Results overview of CDMA BC 0**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.044	-1.44	1.089	0.048	1.6	11
Right Tilted	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.016	0.21	1.089	0.017	1.6	/
Left Cheek	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.029	-0.66	1.089	0.032	1.6	/
Left Tilted	Head	384/836.52	RC3 + SO32 (+F-SCH)	0.015	-2.96	1.089	0.016	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.381	0.77	1.089	0.415	1.6	12
Back Upward	Body & Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.148	-3.12	1.089	0.161	1.6	/
Left	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.131	-0.31	1.089	0.143	1.6	/
Bottom	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.109	-2.06	1.089	0.119	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.112	1.66	1.094	0.123	1.6	/
Bottom (Test distance 14mm)	Hotspot	384/836.52	RC3 + SO32 (+F-SCH)	0.098	-0.32	1.094	0.107	1.6	/

**Results overview of WCDMA 850**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	4183/836.6	RMC	0.194	-1.38	1.089	0.211	1.6	13
Right Tilted	Head	4183/836.6	RMC	0.095	-0.45	1.089	0.103	1.6	/
Left Cheek	Head	4183/836.6	RMC	0.135	-2.17	1.089	0.147	1.6	/
Left Tilted	Head	4183/836.6	RMC	0.063	-0.73	1.089	0.069	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	4183/836.6	RMC	0.087	-2.04	1.089	0.095	1.6	/
Back Upward	Body & Hotspot	4183/836.6	RMC	0.083	0.88	1.089	0.090	1.6	/
Left	Hotspot	4183/836.6	RMC	0.128	1.25	1.089	0.139	1.6	/
Top	Hotspot	4183/836.6	RMC	0.018	-1.96	1.089	0.020	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	4183/836.6	RMC	0.181	-1.56	1.102	0.199	1.6	14

**Results overview of WCDMA 850**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	4183/836.6	RMC	0.039	-0.54	1.094	0.043	1.6	15
Right Tilted	Head	4183/836.6	RMC	0.021	-0.12	1.094	0.023	1.6	/
Left Cheek	Head	4183/836.6	RMC	0.032	-2.36	1.094	0.035	1.6	/
Left Tilted	Head	4183/836.6	RMC	0.017	-0.25	1.094	0.019	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	4183/836.6	RMC	0.311	-1.03	1.094	0.340	1.6	16
Back Upward	Body & Hotspot	4183/836.6	RMC	0.262	-0.44	1.094	0.287	1.6	/
Left	Hotspot	4183/836.6	RMC	0.258	2.34	1.094	0.282	1.6	/
Bottom	Hotspot	4183/836.6	RMC	0.214	-3.75	1.094	0.234	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	4183/836.6	RMC	0.204	-0.21	1.132	0.231	1.6	/
Bottom (Test distance 14mm)	Hotspot	4183/836.6	RMC	0.185	-2.51	1.132	0.209	1.6	/

**Results overview of WCDMA1700**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	1412/1732.4	RMC	0.497	-0.49	1.094	0.544	1.6	17
Right Tilted	Head	1412/1732.4	RMC	0.274	-3.14	1.094	0.300	1.6	/
Left Cheek	Head	1412/1732.4	RMC	0.382	-2.71	1.094	0.418	1.6	/
Left Tilted	Head	1412/1732.4	RMC	0.216	-1.51	1.094	0.236	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	1412/1732.4	RMC	0.143	0.66	1.094	0.156	1.6	/
Back Upward	Body & Hotspot	1412/1732.4	RMC	0.111	-2.15	1.094	0.121	1.6	/
Left	Hotspot	1412/1732.4	RMC	0.140	-0.65	1.094	0.153	1.6	/
Top	Hotspot	1412/1732.4	RMC	0.032	-2.25	1.094	0.035	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	1412/1732.4	RMC	0.299	0.23	1.164	0.348	1.6	18

**Results overview of WCDMA1700**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	1412/1732.4	RMC	0.033	-0.55	1.079	0.036	1.6	19
Right Tilted	Head	1412/1732.4	RMC	0.018	0.21	1.079	0.019	1.6	/
Left Cheek	Head	1412/1732.4	RMC	0.027	-0.36	1.079	0.029	1.6	/
Left Tilted	Head	1412/1732.4	RMC	0.014	1.23	1.079	0.015	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	1412/1732.4	RMC	0.110	-2.98	1.079	0.119	1.6	/
Back Upward	Body & Hotspot	1412/1732.4	RMC	0.093	0.21	1.079	0.100	1.6	/
Right	Hotspot	1412/1732.4	RMC	0.086	-0.36	1.079	0.093	1.6	/
Bottom	Hotspot	1412/1732.4	RMC	0.076	-3.23	1.079	0.082	1.6	/
Sensor off/Full Power									
Bottom (Test distance 14mm)	Hotspot	1412/1732.4	RMC	0.241	-1.03	1.107	0.267	1.6	20

**Results overview of WCDMA1900**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	9400/1880.0	RMC	0.155	-0.65	1.086	0.168	1.6	21
Right Tilted	Head	9400/1880.0	RMC	0.084	-2.81	1.086	0.091	1.6	/
Left Cheek	Head	9400/1880.0	RMC	0.116	0.88	1.086	0.126	1.6	/
Left Tilted	Head	9400/1880.0	RMC	0.069	-1.62	1.086	0.075	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	9400/1880.0	RMC	0.054	-1.96	1.086	0.059	1.6	/
Back Upward	Body & Hotspot	9400/1880.0	RMC	0.049	-2.42	1.086	0.053	1.6	/
Left	Hotspot	9400/1880.0	RMC	0.066	0.64	1.086	0.072	1.6	/
Top	Hotspot	9400/1880.0	RMC	0.021	0.21	1.086	0.023	1.6	/
Sensor off/Full Power									
Left (Test distance 14mm)	Hotspot	9400/1880.0	RMC	0.281	-1.51	1.069	0.300	1.6	22

**Results overview of WCDMA1900**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1									
Right Cheek	Head	9400/1880.0	RMC	0.042	-1.39	1.094	0.046	1.6	23
Right Tilted	Head	9400/1880.0	RMC	0.023	-2.22	1.094	0.025	1.6	/
Left Cheek	Head	9400/1880.0	RMC	0.034	-0.56	1.094	0.037	1.6	/
Left Tilted	Head	9400/1880.0	RMC	0.018	1.21	1.094	0.020	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1									
Front Upward	Body & Hotspot	9400/1880.0	RMC	0.123	-2.15	1.094	0.135	1.6	/
Back Upward	Body & Hotspot	9400/1880.0	RMC	0.134	1.22	1.094	0.147	1.6	/
Right	Hotspot	9400/1880.0	RMC	0.168	0.46	1.094	0.184	1.6	/
Bottom	Hotspot	9400/1880.0	RMC	0.096	-3.34	1.094	0.105	1.6	/
Sensor off/Full Power									
Bottom (Test distance 14mm)	Hotspot	9400/1880.0	RMC	0.235	-1.87	1.086	0.255	1.6	24

**Results overview of FDD LTE Band 2, QPSK, 20MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	18900/1880.0	QPSK	0.497	-3.88	1.167	0.580	1.6	25
Right Tilted	Head	18900/1880.0	QPSK	0.276	0.36	1.167	0.322	1.6	/
Left Cheek	Head	18900/1880.0	QPSK	0.383	-1.24	1.167	0.447	1.6	/
Left Tilted	Head	18900/1880.0	QPSK	0.214	-2.19	1.167	0.250	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	18900/1880.0	QPSK	0.412	2.32	1.153	0.475	1.6	/
Right Tilted	Head	18900/1880.0	QPSK	0.226	1.52	1.153	0.261	1.6	/
Left Cheek	Head	18900/1880.0	QPSK	0.318	-1.36	1.153	0.367	1.6	/
Left Tilted	Head	18900/1880.0	QPSK	0.177	-0.66	1.153	0.204	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	18900/1880.0	QPSK	0.124	-0.69	1.167	0.145	1.6	/
Back Upward	Body & Hotspot	18900/1880.0	QPSK	0.101	2.53	1.167	0.118	1.6	/
Left	Hotspot	18900/1880.0	QPSK	0.161	-3.23	1.167	0.188	1.6	/
Top	Hotspot	18900/1880.0	QPSK	0.039	-1.21	1.167	0.046	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	18900/1880.0	QPSK	0.094	-2.21	1.153	0.108	1.6	/
Back Upward	Body & Hotspot	18900/1880.0	QPSK	0.077	-0.33	1.153	0.089	1.6	/
Left	Hotspot	18900/1880.0	QPSK	0.122	-3.66	1.153	0.141	1.6	/
Top	Hotspot	18900/1880.0	QPSK	0.030	-2.35	1.153	0.035	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	18900/1880.0	QPSK	0.197	-2.44	1.127	0.222	1.6	26
Sensor off/Full Power/50%RB#0									
Left	Hotspot	18900/1880.0	QPSK	0.158	0.36	1.127	0.178	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 2, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	18900/1880.0	QPSK	0.098	0.29	1.086	0.106	1.6	27
Right Tilted	Head	18900/1880.0	QPSK	0.050	-1.54	1.086	0.054	1.6	/
Left Cheek	Head	18900/1880.0	QPSK	0.083	-2.12	1.086	0.090	1.6	/
Left Tilted	Head	18900/1880.0	QPSK	0.040	-0.36	1.086	0.043	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	18900/1880.0	QPSK	0.063	0.25	1.086	0.068	1.6	/
Right Tilted	Head	18900/1880.0	QPSK	0.032	-3.22	1.086	0.035	1.6	/
Left Cheek	Head	18900/1880.0	QPSK	0.054	-1.14	1.086	0.059	1.6	/
Left Tilted	Head	18900/1880.0	QPSK	0.026	-2.48	1.086	0.028	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	18900/1880.0	QPSK	0.097	-0.57	1.086	0.105	1.6	/
Back Upward	Body & Hotspot	18900/1880.0	QPSK	0.172	-1.21	1.086	0.187	1.6	/
Right	Hotspot	18900/1880.0	QPSK	0.045	-2.33	1.086	0.049	1.6	/
Bottom	Hotspot	18900/1880.0	QPSK	0.117	1.26	1.086	0.127	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	18900/1880.0	QPSK	0.080	-3.21	1.086	0.087	1.6	/
Back Upward	Body & Hotspot	18900/1880.0	QPSK	0.141	-1.33	1.086	0.153	1.6	/
Right	Hotspot	18900/1880.0	QPSK	0.037	-0.99	1.086	0.040	1.6	/
Bottom	Hotspot	18900/1880.0	QPSK	0.096	2.24	1.086	0.104	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	18900/1880.0	QPSK	0.189	-0.97	1.146	0.217	1.6	28
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	18900/1880.0	QPSK	0.161	-1.36	1.125	0.181	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 4, QPSK, 20MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	20175/1732.5	QPSK	0.523	-0.83	1.180	0.617	1.6	29
Right Tilted	Head	20175/1732.5	QPSK	0.285	-2.24	1.180	0.336	1.6	/
Left Cheek	Head	20175/1732.5	QPSK	0.403	1.25	1.180	0.476	1.6	/
Left Tilted	Head	20175/1732.5	QPSK	0.225	0.66	1.180	0.266	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	20175/1732.5	QPSK	0.486	3.12	1.143	0.555	1.6	/
Right Tilted	Head	20175/1732.5	QPSK	0.239	-2.29	1.143	0.273	1.6	/
Left Cheek	Head	20175/1732.5	QPSK	0.370	0.21	1.143	0.423	1.6	/
Left Tilted	Head	20175/1732.5	QPSK	0.197	-1.71	1.143	0.225	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	20175/1732.5	QPSK	0.127	-2.33	1.180	0.150	1.6	/
Back Upward	Body & Hotspot	20175/1732.5	QPSK	0.103	1.14	1.180	0.122	1.6	/
Left	Hotspot	20175/1732.5	QPSK	0.164	0.56	1.180	0.194	1.6	/
Top	Hotspot	20175/1732.5	QPSK	0.040	1.87	1.180	0.047	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	20175/1732.5	QPSK	0.116	-3.03	1.143	0.133	1.6	/
Back Upward	Body & Hotspot	20175/1732.5	QPSK	0.095	0.26	1.143	0.109	1.6	/
Left	Hotspot	20175/1732.5	QPSK	0.150	-2.72	1.143	0.171	1.6	/
Top	Hotspot	20175/1732.5	QPSK	0.037	1.19	1.143	0.042	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	20175/1732.5	QPSK	0.223	1.62	1.146	0.256	1.6	30
Sensor off/Full Power/50%RB#0									
Left	Hotspot	20175/1732.5	QPSK	0.191	-0.36	1.125	0.215	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 4, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	20175/1732.5	QPSK	0.039	-0.62	1.130	0.044	1.6	31
Right Tilted	Head	20175/1732.5	QPSK	0.018	0.24	1.130	0.020	1.6	/
Left Cheek	Head	20175/1732.5	QPSK	0.033	-1.46	1.130	0.037	1.6	/
Left Tilted	Head	20175/1732.5	QPSK	0.016	2.33	1.130	0.018	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	20175/1732.5	QPSK	0.031	0.26	1.086	0.034	1.6	/
Right Tilted	Head	20175/1732.5	QPSK	0.016	-0.65	1.086	0.017	1.6	/
Left Cheek	Head	20175/1732.5	QPSK	0.026	-3.77	1.086	0.028	1.6	/
Left Tilted	Head	20175/1732.5	QPSK	0.013	1.69	1.086	0.014	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	20175/1732.5	QPSK	0.047	-2.55	1.130	0.053	1.6	/
Back Upward	Body & Hotspot	20175/1732.5	QPSK	0.083	1.31	1.130	0.094	1.6	/
Right	Hotspot	20175/1732.5	QPSK	0.022	-0.36	1.130	0.025	1.6	/
Bottom	Hotspot	20175/1732.5	QPSK	0.057	0.58	1.130	0.064	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	20175/1732.5	QPSK	0.040	-0.36	1.086	0.043	1.6	/
Back Upward	Body & Hotspot	20175/1732.5	QPSK	0.072	-2.33	1.086	0.078	1.6	/
Right	Hotspot	20175/1732.5	QPSK	0.018	-1.22	1.086	0.020	1.6	/
Bottom	Hotspot	20175/1732.5	QPSK	0.048	-2.33	1.086	0.052	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	20175/1732.5	QPSK	0.098	-2.58	1.169	0.115	1.6	32
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	20175/1732.5	QPSK	0.086	-0.36	1.161	0.100	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 5, QPSK, 10MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	20525/836.5	QPSK	0.221	-2.31	1.140	0.252	1.6	33
Right Tilted	Head	20525/836.5	QPSK	0.103	0.25	1.140	0.117	1.6	/
Left Cheek	Head	20525/836.5	QPSK	0.119	-1.33	1.140	0.136	1.6	/
Left Tilted	Head	20525/836.5	QPSK	0.055	-0.20	1.140	0.063	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	20525/836.5	QPSK	0.187	-3.64	1.130	0.211	1.6	/
Right Tilted	Head	20525/836.5	QPSK	0.072	0.46	1.130	0.081	1.6	/
Left Cheek	Head	20525/836.5	QPSK	0.118	-2.32	1.130	0.133	1.6	/
Left Tilted	Head	20525/836.5	QPSK	0.058	-0.17	1.130	0.066	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	20525/836.5	QPSK	0.039	-2.11	1.140	0.044	1.6	/
Back Upward	Body & Hotspot	20525/836.5	QPSK	0.087	-3.47	1.140	0.099	1.6	/
Left	Hotspot	20525/836.5	QPSK	0.138	0.16	1.140	0.157	1.6	/
Top	Hotspot	20525/836.5	QPSK	0.023	-0.88	1.140	0.026	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	20525/836.5	QPSK	0.031	1.47	1.130	0.035	1.6	/
Back Upward	Body & Hotspot	20525/836.5	QPSK	0.082	-2.57	1.130	0.093	1.6	/
Left	Hotspot	20525/836.5	QPSK	0.121	-0.71	1.130	0.137	1.6	/
Top	Hotspot	20525/836.5	QPSK	0.020	-1.80	1.130	0.023	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	20525/836.5	QPSK	0.182	-2.71	1.140	0.207	1.6	34
Sensor off/Full Power/50%RB#0									
Left	Hotspot	20525/836.5	QPSK	0.146	1.02	1.122	0.164	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 5, QPSK, 10MHz Bandwidth**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	20525/836.5	QPSK	0.031	1.62	1.102	0.034	1.6	35
Right Tilted	Head	20525/836.5	QPSK	0.016	-0.84	1.102	0.018	1.6	/
Left Cheek	Head	20525/836.5	QPSK	0.026	-0.50	1.102	0.029	1.6	/
Left Tilted	Head	20525/836.5	QPSK	0.013	-3.09	1.102	0.014	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	20525/836.5	QPSK	0.026	0.19	1.099	0.029	1.6	/
Right Tilted	Head	20525/836.5	QPSK	0.013	-3.06	1.099	0.014	1.6	/
Left Cheek	Head	20525/836.5	QPSK	0.022	1.29	1.099	0.024	1.6	/
Left Tilted	Head	20525/836.5	QPSK	0.011	2.76	1.099	0.012	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	20525/836.5	QPSK	0.119	3.43	1.102	0.131	1.6	/
Back Upward	Body & Hotspot	20525/836.5	QPSK	0.122	0.79	1.102	0.134	1.6	/
Left	Hotspot	20525/836.5	QPSK	0.125	-0.87	1.102	0.138	1.6	/
Bottom	Hotspot	20525/836.5	QPSK	0.091	-2.39	1.102	0.100	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	20525/836.5	QPSK	0.098	-1.61	1.099	0.108	1.6	/
Back Upward	Body & Hotspot	20525/836.5	QPSK	0.103	-0.36	1.099	0.113	1.6	/
Left	Hotspot	20525/836.5	QPSK	0.109	-2.11	1.099	0.120	1.6	/
Bottom	Hotspot	20525/836.5	QPSK	0.085	-3.71	1.099	0.093	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	20525/836.5	QPSK	0.132	0.53	1.156	0.153	1.6	36
Bottom (Test distance 14mm)	Hotspot	20525/836.5	QPSK	0.107	-1.34	1.156	0.124	1.6	/



Sensor off/Full Power/50%RB#0									
Left (Test distance 14mm)	Hotspot	20525/836.5	QPSK	0.104	-1.08	1.189	0.124	1.6	/
Bottom (Test distance 14mm)	Hotspot	20525/836.5	QPSK	0.083	-2.66	1.189	0.099	1.6	/

**Results overview of FDD LTE Band 7, QPSK, 20MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	21100/2535.0	QPSK	0.259	-0.68	1.102	0.285	1.6	37
Right Tilted	Head	21100/2535.0	QPSK	0.186	-2.41	1.102	0.205	1.6	/
Left Cheek	Head	21100/2535.0	QPSK	0.231	1.42	1.102	0.255	1.6	/
Left Tilted	Head	21100/2535.0	QPSK	0.157	-0.97	1.102	0.173	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	21100/2535.0	QPSK	0.214	-0.10	1.096	0.235	1.6	/
Right Tilted	Head	21100/2535.0	QPSK	0.149	-2.83	1.096	0.163	1.6	/
Left Cheek	Head	21100/2535.0	QPSK	0.192	1.96	1.096	0.210	1.6	/
Left Tilted	Head	21100/2535.0	QPSK	0.114	-1.24	1.096	0.125	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	21100/2535.0	QPSK	0.088	1.06	1.102	0.097	1.6	/
Back Upward	Body & Hotspot	21100/2535.0	QPSK	0.152	-3.04	1.102	0.168	1.6	/
Left	Hotspot	21100/2535.0	QPSK	0.219	-0.92	1.102	0.241	1.6	/
Top	Hotspot	21100/2535.0	QPSK	0.043	2.33	1.102	0.047	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	21100/2535.0	QPSK	0.079	-1.03	1.096	0.087	1.6	/
Back Upward	Body & Hotspot	21100/2535.0	QPSK	0.135	2.37	1.096	0.148	1.6	/
Left	Hotspot	21100/2535.0	QPSK	0.190	-1.31	1.096	0.208	1.6	/
Top	Hotspot	21100/2535.0	QPSK	0.038	-0.21	1.096	0.042	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	21100/2535.0	QPSK	0.521	-1.26	1.132	0.590	1.6	38
Sensor off/Full Power/50%RB#0									
Left	Hotspot	21100/2535.0	QPSK	0.436	0.95	1.127	0.491	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 7, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	21100/2535.0	QPSK	0.071	-1.10	1.164	0.083	1.6	39
Right Tilted	Head	21100/2535.0	QPSK	0.036	1.55	1.164	0.042	1.6	/
Left Cheek	Head	21100/2535.0	QPSK	0.060	-3.40	1.164	0.070	1.6	/
Left Tilted	Head	21100/2535.0	QPSK	0.029	-2.42	1.164	0.034	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	21100/2535.0	QPSK	0.065	3.53	1.161	0.075	1.6	/
Right Tilted	Head	21100/2535.0	QPSK	0.033	-2.37	1.161	0.038	1.6	/
Left Cheek	Head	21100/2535.0	QPSK	0.054	0.30	1.161	0.063	1.6	/
Left Tilted	Head	21100/2535.0	QPSK	0.024	-1.55	1.161	0.028	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	21100/2535.0	QPSK	0.073	-0.29	1.164	0.085	1.6	/
Back Upward	Body & Hotspot	21100/2535.0	QPSK	0.108	-0.60	1.164	0.126	1.6	/
Right	Hotspot	21100/2535.0	QPSK	0.052	-1.47	1.164	0.061	1.6	/
Bottom	Hotspot	21100/2535.0	QPSK	0.107	-0.76	1.164	0.125	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	21100/2535.0	QPSK	0.064	-1.04	1.161	0.074	1.6	/
Back Upward	Body & Hotspot	21100/2535.0	QPSK	0.101	0.64	1.161	0.117	1.6	/
Right	Hotspot	21100/2535.0	QPSK	0.042	-2.77	1.161	0.049	1.6	/
Bottom	Hotspot	21100/2535.0	QPSK	0.086	-0.81	1.161	0.100	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	21100/2535.0	QPSK	0.211	-2.81	1.127	0.160	1.6	40
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	21100/2535.0	QPSK	0.182	-0.26	1.135	0.135	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 12, QPSK, 10MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	23095/707.5	QPSK	0.411	2.21	1.164	0.478	1.6	41
Right Tilted	Head	23095/707.5	QPSK	0.230	-3.71	1.164	0.268	1.6	/
Left Cheek	Head	23095/707.5	QPSK	0.255	-2.34	1.164	0.297	1.6	/
Left Tilted	Head	23095/707.5	QPSK	0.137	0.58	1.164	0.159	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	23095/707.5	QPSK	0.350	-0.74	1.159	0.406	1.6	/
Right Tilted	Head	23095/707.5	QPSK	0.175	-1.47	1.159	0.203	1.6	/
Left Cheek	Head	23095/707.5	QPSK	0.219	2.72	1.159	0.254	1.6	/
Left Tilted	Head	23095/707.5	QPSK	0.111	-3.25	1.159	0.129	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	23095/707.5	QPSK	0.091	0.74	1.164	0.106	1.6	/
Back Upward	Body & Hotspot	23095/707.5	QPSK	0.185	-2.66	1.164	0.215	1.6	/
Left	Hotspot	23095/707.5	QPSK	0.291	3.09	1.164	0.339	1.6	/
Top	Hotspot	23095/707.5	QPSK	0.043	1.81	1.164	0.050	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	23095/707.5	QPSK	0.081	2.68	1.159	0.094	1.6	/
Back Upward	Body & Hotspot	23095/707.5	QPSK	0.130	-3.38	1.159	0.151	1.6	/
Left	Hotspot	23095/707.5	QPSK	0.205	-1.96	1.159	0.238	1.6	/
Top	Hotspot	23095/707.5	QPSK	0.032	1.25	1.159	0.037	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	23095/707.5	QPSK	0.398	-0.67	1.109	0.441	1.6	42
Sensor off/Full Power/50%RB#0									
Left	Hotspot	23095/707.5	QPSK	0.303	-2.51	1.132	0.343	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 12, QPSK, 10MHz Bandwidth**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	23095/707.5	QPSK	0.065	-1.45	1.169	0.076	1.6	43
Right Tilted	Head	23095/707.5	QPSK	0.033	2.17	1.169	0.039	1.6	/
Left Cheek	Head	23095/707.5	QPSK	0.055	-3.06	1.169	0.064	1.6	/
Left Tilted	Head	23095/707.5	QPSK	0.027	0.28	1.169	0.032	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	23095/707.5	QPSK	0.049	0.72	1.172	0.057	1.6	/
Right Tilted	Head	23095/707.5	QPSK	0.025	-0.57	1.172	0.029	1.6	/
Left Cheek	Head	23095/707.5	QPSK	0.041	-2.99	1.172	0.048	1.6	/
Left Tilted	Head	23095/707.5	QPSK	0.020	3.10	1.172	0.023	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	23095/707.5	QPSK	0.113	3.18	1.169	0.132	1.6	/
Back Upward	Body & Hotspot	23095/707.5	QPSK	0.117	-1.64	1.169	0.137	1.6	/
Left	Hotspot	23095/707.5	QPSK	0.131	3.27	1.169	0.153	1.6	/
Bottom	Hotspot	23095/707.5	QPSK	0.084	-0.56	1.169	0.098	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	23095/707.5	QPSK	0.095	2.77	1.172	0.111	1.6	/
Back Upward	Body & Hotspot	23095/707.5	QPSK	0.106	-3.33	1.172	0.124	1.6	/
Left	Hotspot	23095/707.5	QPSK	0.120	0.15	1.172	0.141	1.6	/
Bottom	Hotspot	23095/707.5	QPSK	0.077	2.43	1.172	0.090	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	23095/707.5	QPSK	0.159	-1.99	1.117	0.178	1.6	44
Bottom (Test distance 14mm)	Hotspot	23095/707.5	QPSK	0.100	-0.14	1.117	0.112	1.6	/



Sensor off/Full Power/50%RB#0									
Left (Test distance 14mm)	Hotspot	23095/707.5	QPSK	0.138	0.86	1.117	0.154	1.6	/
Bottom (Test distance 14mm)	Hotspot	23095/707.5	QPSK	0.083	-1.57	1.117	0.093	1.6	/

**Results overview of FDD LTE Band 17, QPSK, 10MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	23790/710.0	QPSK	0.385	3.48	1.183	0.455	1.6	45
Right Tilted	Head	23790/710.0	QPSK	0.212	-2.29	1.183	0.251	1.6	/
Left Cheek	Head	23790/710.0	QPSK	0.248	-1.64	1.183	0.293	1.6	/
Left Tilted	Head	23790/710.0	QPSK	0.135	2.78	1.183	0.160	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	23790/710.0	QPSK	0.319	-2.78	1.140	0.364	1.6	/
Right Tilted	Head	23790/710.0	QPSK	0.165	-3.14	1.140	0.188	1.6	/
Left Cheek	Head	23790/710.0	QPSK	0.207	-2.21	1.140	0.236	1.6	/
Left Tilted	Head	23790/710.0	QPSK	0.112	-0.70	1.140	0.128	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	23790/710.0	QPSK	0.105	1.52	1.183	0.124	1.6	/
Back Upward	Body & Hotspot	23790/710.0	QPSK	0.198	-2.22	1.183	0.234	1.6	/
Left	Hotspot	23790/710.0	QPSK	0.310	3.62	1.183	0.367	1.6	/
Top	Hotspot	23790/710.0	QPSK	0.046	0.58	1.183	0.054	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	23790/710.0	QPSK	0.093	-2.65	1.140	0.106	1.6	/
Back Upward	Body & Hotspot	23790/710.0	QPSK	0.162	-3.35	1.140	0.185	1.6	/
Left	Hotspot	23790/710.0	QPSK	0.242	1.99	1.140	0.276	1.6	/
Top	Hotspot	23790/710.0	QPSK	0.037	-2.21	1.140	0.042	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	23790/710.0	QPSK	0.401	-1.48	1.067	0.428	1.6	46
Sensor off/Full Power/50%RB#0									
Left	Hotspot	23790/710.0	QPSK	0.321	0.94	1.164	0.374	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 17, QPSK, 10MHz Bandwidth**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	23790/710.0	QPSK	0.069	-2.24	1.178	0.081	1.6	47
Right Tilted	Head	23790/710.0	QPSK	0.032	-1.52	1.178	0.038	1.6	/
Left Cheek	Head	23790/710.0	QPSK	0.058	0.70	1.178	0.068	1.6	/
Left Tilted	Head	23790/710.0	QPSK	0.028	-3.56	1.178	0.033	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	23790/710.0	QPSK	0.060	0.77	1.151	0.069	1.6	/
Right Tilted	Head	23790/710.0	QPSK	0.028	-0.57	1.151	0.032	1.6	/
Left Cheek	Head	23790/710.0	QPSK	0.053	-2.99	1.151	0.061	1.6	/
Left Tilted	Head	23790/710.0	QPSK	0.024	1.10	1.151	0.028	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	23790/710.0	QPSK	0.121	-1.73	1.178	0.143	1.6	/
Back Upward	Body & Hotspot	23790/710.0	QPSK	0.139	-1.06	1.178	0.164	1.6	/
Left	Hotspot	23790/710.0	QPSK	0.144	-2.04	1.178	0.170	1.6	/
Bottom	Hotspot	23790/710.0	QPSK	0.094	-1.74	1.178	0.111	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	23790/710.0	QPSK	0.109	-0.90	1.151	0.125	1.6	/
Back Upward	Body & Hotspot	23790/710.0	QPSK	0.121	-2.36	1.151	0.139	1.6	/
Left	Hotspot	23790/710.0	QPSK	0.130	-0.23	1.151	0.150	1.6	/
Bottom	Hotspot	23790/710.0	QPSK	0.085	-1.88	1.151	0.098	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	23790/710.0	QPSK	0.172	-2.03	1.127	0.194	1.6	48
Bottom (Test distance 14mm)	Hotspot	23790/710.0	QPSK	0.105	-1.44	1.127	0.118	1.6	/



Sensor off/Full Power/50%RB#0									
Left (Test distance 14mm)	Hotspot	23790/710.0	QPSK	0.150	-2.39	1.117	0.168	1.6	/
Bottom (Test distance 14mm)	Hotspot	23790/710.0	QPSK	0.097	-0.70	1.117	0.108	1.6	/

**Results overview of FDD LTE Band 26, QPSK, 15MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	26865/831.5	QPSK	0.287	-1.91	1.156	0.332	1.6	49
Right Tilted	Head	26865/831.5	QPSK	0.171	-0.84	1.156	0.198	1.6	/
Left Cheek	Head	26865/831.5	QPSK	0.152	-0.67	1.156	0.176	1.6	/
Left Tilted	Head	26865/831.5	QPSK	0.081	-1.11	1.156	0.094	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	26865/831.5	QPSK	0.234	-3.33	1.099	0.257	1.6	/
Right Tilted	Head	26865/831.5	QPSK	0.128	-4.54	1.099	0.141	1.6	/
Left Cheek	Head	26865/831.5	QPSK	0.120	-0.79	1.099	0.132	1.6	/
Left Tilted	Head	26865/831.5	QPSK	0.069	-0.10	1.099	0.076	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	26865/831.5	QPSK	0.073	-1.89	1.156	0.084	1.6	/
Back Upward	Body & Hotspot	26865/831.5	QPSK	0.055	-2.93	1.156	0.064	1.6	/
Left	Hotspot	26865/831.5	QPSK	0.185	1.15	1.156	0.214	1.6	/
Top	Hotspot	26865/831.5	QPSK	0.030	-3.36	1.156	0.035	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	26865/831.5	QPSK	0.056	-0.29	1.099	0.062	1.6	/
Back Upward	Body & Hotspot	26865/831.5	QPSK	0.049	1.05	1.099	0.054	1.6	/
Left	Hotspot	26865/831.5	QPSK	0.141	-0.78	1.099	0.155	1.6	/
Top	Hotspot	26865/831.5	QPSK	0.024	-0.43	1.099	0.026	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	26865/831.5	QPSK	0.208	-1.44	1.112	0.231	1.6	50
Sensor off/Full Power/50%RB#0									
Left	Hotspot	26865/831.5	QPSK	0.167	2.52	1.064	0.178	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 26, QPSK, 15MHz Bandwidth**

ANT 3

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	26865/831.5	QPSK	0.094	1.42	1.169	0.110	1.6	51
Right Tilted	Head	26865/831.5	QPSK	0.048	-1.59	1.169	0.056	1.6	/
Left Cheek	Head	26865/831.5	QPSK	0.080	-3.31	1.169	0.094	1.6	/
Left Tilted	Head	26865/831.5	QPSK	0.039	2.93	1.169	0.046	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	26865/831.5	QPSK	0.081	-3.69	1.153	0.093	1.6	/
Right Tilted	Head	26865/831.5	QPSK	0.040	2.48	1.153	0.046	1.6	/
Left Cheek	Head	26865/831.5	QPSK	0.069	-1.91	1.153	0.080	1.6	/
Left Tilted	Head	26865/831.5	QPSK	0.032	0.75	1.153	0.037	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	26865/831.5	QPSK	0.150	-2.36	1.169	0.175	1.6	/
Back Upward	Body & Hotspot	26865/831.5	QPSK	0.163	0.50	1.169	0.191	1.6	/
Left	Hotspot	26865/831.5	QPSK	0.173	-2.24	1.169	0.202	1.6	52
Bottom	Hotspot	26865/831.5	QPSK	0.121	-0.10	1.169	0.141	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	26865/831.5	QPSK	0.121	-0.40	1.153	0.140	1.6	/
Back Upward	Body & Hotspot	26865/831.5	QPSK	0.133	-1.96	1.153	0.153	1.6	/
Left	Hotspot	26865/831.5	QPSK	0.141	-2.77	1.153	0.163	1.6	/
Bottom	Hotspot	26865/831.5	QPSK	0.103	-1.62	1.153	0.119	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	26865/831.5	QPSK	0.136	-0.99	1.122	0.153	1.6	/
Bottom (Test distance 14mm)	Hotspot	26865/831.5	QPSK	0.115	-0.92	1.122	0.129	1.6	/



Sensor off/Full Power/50%RB#0									
Left (Test distance 14mm)	Hotspot	26865/831.5	QPSK	0.110	-1.61	1.117	0.123	1.6	/
Bottom (Test distance 14mm)	Hotspot	26865/831.5	QPSK	0.096	-1.42	1.117	0.107	1.6	/

**Results overview of TDD LTE Band 40A, QPSK, 10MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	38750/2310.0	QPSK	0.397	-0.67	1.167	0.463	1.6	53
Right Tilted	Head	38750/2310.0	QPSK	0.218	3.07	1.167	0.254	1.6	/
Left Cheek	Head	38750/2310.0	QPSK	0.381	-2.93	1.167	0.445	1.6	/
Left Tilted	Head	38750/2310.0	QPSK	0.203	1.81	1.167	0.237	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	38750/2310.0	QPSK	0.347	-2.84	1.099	0.381	1.6	/
Right Tilted	Head	38750/2310.0	QPSK	0.186	-0.99	1.099	0.204	1.6	/
Left Cheek	Head	38750/2310.0	QPSK	0.331	-3.70	1.099	0.364	1.6	/
Left Tilted	Head	38750/2310.0	QPSK	0.174	0.81	1.099	0.191	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	38750/2310.0	QPSK	0.094	2.50	1.167	0.110	1.6	/
Back Upward	Body & Hotspot	38750/2310.0	QPSK	0.146	-0.92	1.167	0.170	1.6	/
Left	Hotspot	38750/2310.0	QPSK	0.209	-1.39	1.167	0.244	1.6	/
Top	Hotspot	38750/2310.0	QPSK	0.035	-0.22	1.167	0.041	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	38750/2310.0	QPSK	0.079	1.38	1.099	0.087	1.6	/
Back Upward	Body & Hotspot	38750/2310.0	QPSK	0.123	2.54	1.099	0.135	1.6	/
Left	Hotspot	38750/2310.0	QPSK	0.176	-3.72	1.099	0.193	1.6	/
Top	Hotspot	38750/2310.0	QPSK	0.030	0.84	1.099	0.033	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	38750/2310.0	QPSK	0.223	2.47	1.178	0.263	1.6	54
Sensor off/Full Power/50%RB#0									
Left	Hotspot	38750/2310.0	QPSK	0.201	0.25	1.191	0.239	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 40A, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	38750/2310.0	QPSK	0.053	-2.01	1.148	0.061	1.6	55
Right Tilted	Head	38750/2310.0	QPSK	0.029	2.79	1.148	0.033	1.6	/
Left Cheek	Head	38750/2310.0	QPSK	0.038	1.51	1.148	0.044	1.6	/
Left Tilted	Head	38750/2310.0	QPSK	0.022	-0.60	1.148	0.025	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	38750/2310.0	QPSK	0.042	0.34	1.183	0.050	1.6	/
Right Tilted	Head	38750/2310.0	QPSK	0.021	-0.78	1.183	0.025	1.6	/
Left Cheek	Head	38750/2310.0	QPSK	0.029	-1.08	1.183	0.034	1.6	/
Left Tilted	Head	38750/2310.0	QPSK	0.017	0.22	1.183	0.020	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	38750/2310.0	QPSK	0.182	-2.68	1.148	0.209	1.6	/
Back Upward	Body & Hotspot	38750/2310.0	QPSK	0.239	0.61	1.148	0.274	1.6	56
Right	Hotspot	38750/2310.0	QPSK	0.110	-1.15	1.148	0.126	1.6	/
Bottom	Hotspot	38750/2310.0	QPSK	0.211	1.20	1.148	0.242	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	38750/2310.0	QPSK	0.149	2.89	1.183	0.176	1.6	/
Back Upward	Body & Hotspot	38750/2310.0	QPSK	0.196	-1.25	1.183	0.232	1.6	/
Right	Hotspot	38750/2310.0	QPSK	0.090	-3.02	1.183	0.106	1.6	/
Bottom	Hotspot	38750/2310.0	QPSK	0.173	0.23	1.183	0.205	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	38750/2310.0	QPSK	0.188	-0.14	1.189	0.224	1.6	/
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	38750/2310.0	QPSK	0.162	-2.65	1.189	0.193	1.6	/



(Test distance 14mm)									
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**Results overview of TDD LTE Band 40B, QPSK, 10MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	39200/2355.0	QPSK	0.425	1.06	1.161	0.493	1.6	57
Right Tilted	Head	39200/2355.0	QPSK	0.235	-3.19	1.161	0.273	1.6	/
Left Cheek	Head	39200/2355.0	QPSK	0.406	-1.35	1.161	0.471	1.6	/
Left Tilted	Head	39200/2355.0	QPSK	0.209	0.76	1.161	0.243	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	39200/2355.0	QPSK	0.387	-2.15	1.172	0.454	1.6	/
Right Tilted	Head	39200/2355.0	QPSK	0.196	0.71	1.172	0.230	1.6	/
Left Cheek	Head	39200/2355.0	QPSK	0.379	1.92	1.172	0.444	1.6	/
Left Tilted	Head	39200/2355.0	QPSK	0.171	-3.77	1.172	0.200	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	39200/2355.0	QPSK	0.093	-0.56	1.161	0.108	1.6	/
Back Upward	Body & Hotspot	39200/2355.0	QPSK	0.145	3.45	1.161	0.168	1.6	/
Left	Hotspot	39200/2355.0	QPSK	0.207	3.04	1.161	0.240	1.6	/
Top	Hotspot	39200/2355.0	QPSK	0.035	0.96	1.161	0.041	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	39200/2355.0	QPSK	0.079	-1.01	1.172	0.093	1.6	/
Back Upward	Body & Hotspot	39200/2355.0	QPSK	0.122	-4.68	1.172	0.143	1.6	/
Left	Hotspot	39200/2355.0	QPSK	0.175	0.73	1.172	0.205	1.6	/
Top	Hotspot	39200/2355.0	QPSK	0.029	-3.77	1.172	0.034	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	39200/2355.0	QPSK	0.236	0.41	1.189	0.281	1.6	58
Sensor off/Full Power/50%RB#0									
Left	Hotspot	39200/2355.0	QPSK	0.202	-0.15	1.189	0.240	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 40B, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	39200/2355.0	QPSK	0.051	0.36	1.164	0.059	1.6	59
Right Tilted	Head	39200/2355.0	QPSK	0.026	-3.19	1.164	0.030	1.6	/
Left Cheek	Head	39200/2355.0	QPSK	0.036	0.81	1.164	0.042	1.6	/
Left Tilted	Head	39200/2355.0	QPSK	0.021	-1.47	1.164	0.024	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	39200/2355.0	QPSK	0.042	2.40	1.199	0.050	1.6	/
Right Tilted	Head	39200/2355.0	QPSK	0.022	-1.06	1.199	0.026	1.6	/
Left Cheek	Head	39200/2355.0	QPSK	0.030	-2.30	1.199	0.036	1.6	/
Left Tilted	Head	39200/2355.0	QPSK	0.017	-0.49	1.199	0.020	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	39200/2355.0	QPSK	0.175	0.62	1.164	0.204	1.6	/
Back Upward	Body & Hotspot	39200/2355.0	QPSK	0.230	-2.11	1.164	0.268	1.6	60
Right	Hotspot	39200/2355.0	QPSK	0.106	-1.31	1.164	0.123	1.6	/
Bottom	Hotspot	39200/2355.0	QPSK	0.203	-0.53	1.164	0.236	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	39200/2355.0	QPSK	0.160	2.16	1.199	0.192	1.6	/
Back Upward	Body & Hotspot	39200/2355.0	QPSK	0.211	3.48	1.199	0.253	1.6	/
Right	Hotspot	39200/2355.0	QPSK	0.097	0.33	1.199	0.116	1.6	/
Bottom	Hotspot	39200/2355.0	QPSK	0.187	-1.51	1.199	0.224	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	39200/2355.0	QPSK	0.176	-1.22	1.148	0.202	1.6	/
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	39200/2355.0	QPSK	0.151	-0.65	1.186	0.179	1.6	/



(Test distance 14mm)									
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**Results overview of TDD LTE Band 41, QPSK, 20MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	40620/2593.0	QPSK	0.493	-3.29	1.096	0.540	1.6	61
Right Tilted	Head	40620/2593.0	QPSK	0.282	-0.41	1.096	0.309	1.6	/
Left Cheek	Head	40620/2593.0	QPSK	0.403	2.05	1.096	0.442	1.6	/
Left Tilted	Head	40620/2593.0	QPSK	0.221	-1.20	1.096	0.242	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	40620/2593.0	QPSK	0.403	-0.89	1.114	0.449	1.6	/
Right Tilted	Head	40620/2593.0	QPSK	0.219	0.60	1.114	0.244	1.6	/
Left Cheek	Head	40620/2593.0	QPSK	0.338	-2.57	1.114	0.377	1.6	/
Left Tilted	Head	40620/2593.0	QPSK	0.178	-0.72	1.114	0.198	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	40620/2593.0	QPSK	0.166	-2.15	1.096	0.182	1.6	/
Back Upward	Body & Hotspot	40620/2593.0	QPSK	0.257	-2.21	1.096	0.282	1.6	/
Left	Hotspot	40620/2593.0	QPSK	0.368	-3.63	1.096	0.403	1.6	62
Top	Hotspot	40620/2593.0	QPSK	0.062	-0.82	1.096	0.068	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	40620/2593.0	QPSK	0.142	-0.28	1.114	0.158	1.6	/
Back Upward	Body & Hotspot	40620/2593.0	QPSK	0.221	-3.32	1.114	0.246	1.6	/
Left	Hotspot	40620/2593.0	QPSK	0.323	-1.10	1.114	0.360	1.6	/
Top	Hotspot	40620/2593.0	QPSK	0.051	-0.21	1.114	0.057	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	40620/2593.0	QPSK	0.340	-1.76	1.151	0.391	1.6	/
Sensor off/Full Power/50%RB#0									
Left	Hotspot	40620/2593.0	QPSK	0.289	-0.58	1.127	0.326	1.6	/



(Test distance 14mm)									
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**Results overview of TDD LTE Band 41, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	40620/2593.0	QPSK	0.095	-0.68	1.172	0.111	1.6	63
Right Tilted	Head	40620/2593.0	QPSK	0.049	1.84	1.172	0.057	1.6	/
Left Cheek	Head	40620/2593.0	QPSK	0.068	-2.67	1.172	0.080	1.6	/
Left Tilted	Head	40620/2593.0	QPSK	0.035	-3.63	1.172	0.041	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	40620/2593.0	QPSK	0.082	3.71	1.175	0.096	1.6	/
Right Tilted	Head	40620/2593.0	QPSK	0.041	-2.63	1.175	0.048	1.6	/
Left Cheek	Head	40620/2593.0	QPSK	0.057	-0.31	1.175	0.067	1.6	/
Left Tilted	Head	40620/2593.0	QPSK	0.030	1.65	1.175	0.035	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	40620/2593.0	QPSK	0.079	-3.30	1.172	0.093	1.6	/
Back Upward	Body & Hotspot	40620/2593.0	QPSK	0.104	-0.17	1.172	0.122	1.6	64
Right	Hotspot	40620/2593.0	QPSK	0.048	-2.92	1.172	0.056	1.6	/
Bottom	Hotspot	40620/2593.0	QPSK	0.092	-1.06	1.172	0.108	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	40620/2593.0	QPSK	0.063	-0.86	1.175	0.074	1.6	/
Back Upward	Body & Hotspot	40620/2593.0	QPSK	0.091	-1.20	1.175	0.107	1.6	/
Right	Hotspot	40620/2593.0	QPSK	0.040	0.41	1.175	0.047	1.6	/
Bottom	Hotspot	40620/2593.0	QPSK	0.080	-3.53	1.175	0.094	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	40620/2593.0	QPSK	0.086	-1.36	1.074	0.092	1.6	/
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	40620/2593.0	QPSK	0.072	0.84	1.094	0.079	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 66, QPSK, 20MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	132322/1745.0	QPSK	0.530	-1.39	1.175	0.623	1.6	65
Right Tilted	Head	132322/1745.0	QPSK	0.288	0.66	1.175	0.338	1.6	/
Left Cheek	Head	132322/1745.0	QPSK	0.419	-2.51	1.175	0.492	1.6	/
Left Tilted	Head	132322/1745.0	QPSK	0.228	-3.02	1.175	0.268	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	132322/1745.0	QPSK	0.468	-3.28	1.175	0.550	1.6	/
Right Tilted	Head	132322/1745.0	QPSK	0.246	-2.14	1.175	0.289	1.6	/
Left Cheek	Head	132322/1745.0	QPSK	0.361	-1.35	1.175	0.424	1.6	/
Left Tilted	Head	132322/1745.0	QPSK	0.201	-3.36	1.175	0.236	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	132322/1745.0	QPSK	0.145	-3.61	1.175	0.170	1.6	/
Back Upward	Body & Hotspot	132322/1745.0	QPSK	0.118	-0.16	1.175	0.139	1.6	/
Left	Hotspot	132322/1745.0	QPSK	0.188	1.02	1.175	0.221	1.6	/
Top	Hotspot	132322/1745.0	QPSK	0.046	-2.30	1.175	0.054	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	132322/1745.0	QPSK	0.121	2.43	1.175	0.142	1.6	/
Back Upward	Body & Hotspot	132322/1745.0	QPSK	0.102	1.84	1.175	0.120	1.6	/
Left	Hotspot	132322/1745.0	QPSK	0.156	-3.84	1.175	0.183	1.6	/
Top	Hotspot	132322/1745.0	QPSK	0.039	-1.07	1.175	0.046	1.6	/
Sensor off/Full Power/1RB#0									
Left (Test distance 14mm)	Hotspot	132322/1745.0	QPSK	0.225	-3.66	1.148	0.258	1.6	66
Sensor off/Full Power/50%RB#0									
Left	Hotspot	132322/1745.0	QPSK	0.192	-0.21	1.159	0.223	1.6	/



(Test distance 14mm)									
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**Results overview of FDD LTE Band 66, QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#0									
Right Cheek	Head	132322/1745.0	QPSK	0.042	-1.17	1.156	0.049	1.6	67
Right Tilted	Head	132322/1745.0	QPSK	0.022	-2.23	1.156	0.025	1.6	/
Left Cheek	Head	132322/1745.0	QPSK	0.036	0.32	1.156	0.042	1.6	/
Left Tilted	Head	132322/1745.0	QPSK	0.018	-1.85	1.156	0.021	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#0									
Right Cheek	Head	132322/1745.0	QPSK	0.035	2.12	1.151	0.040	1.6	/
Right Tilted	Head	132322/1745.0	QPSK	0.018	-4.04	1.151	0.021	1.6	/
Left Cheek	Head	132322/1745.0	QPSK	0.030	-3.79	1.151	0.035	1.6	/
Left Tilted	Head	132322/1745.0	QPSK	0.016	-0.20	1.151	0.018	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#0									
Front Upward	Body & Hotspot	132322/1745.0	QPSK	0.052	-3.52	1.156	0.060	1.6	/
Back Upward	Body & Hotspot	132322/1745.0	QPSK	0.092	-1.85	1.156	0.106	1.6	/
Right	Hotspot	132322/1745.0	QPSK	0.024	-2.15	1.156	0.028	1.6	/
Bottom	Hotspot	132322/1745.0	QPSK	0.063	0.49	1.156	0.073	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#0									
Front Upward	Body & Hotspot	132322/1745.0	QPSK	0.045	-1.03	1.151	0.052	1.6	/
Back Upward	Body & Hotspot	132322/1745.0	QPSK	0.081	0.27	1.151	0.093	1.6	/
Right	Hotspot	132322/1745.0	QPSK	0.020	-2.72	1.151	0.023	1.6	/
Bottom	Hotspot	132322/1745.0	QPSK	0.057	-1.65	1.151	0.066	1.6	/
Sensor off/Full Power/1RB#0									
Bottom (Test distance 14mm)	Hotspot	132322/1745.0	QPSK	0.101	0.14	1.172	0.118	1.6	68
Sensor off/Full Power/50%RB#0									
Bottom	Hotspot	132322/1745.0	QPSK	0.087	-2.21	1.069	0.093	1.6	/



(Test distance 14mm)									
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**Results overview of NR2, DFT-QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	376000/1880.0	QPSK	0.059	-0.91	1.112	0.066	1.6	69
Right Tilted	Head	376000/1880.0	QPSK	0.028	-3.47	1.112	0.031	1.6	/
Left Cheek	Head	376000/1880.0	QPSK	0.048	0.14	1.112	0.053	1.6	/
Left Tilted	Head	376000/1880.0	QPSK	0.023	-2.69	1.112	0.026	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	376000/1880.0	QPSK	0.048	-2.23	1.119	0.054	1.6	/
Right Tilted	Head	376000/1880.0	QPSK	0.022	-1.83	1.119	0.025	1.6	/
Left Cheek	Head	376000/1880.0	QPSK	0.039	2.98	1.119	0.044	1.6	/
Left Tilted	Head	376000/1880.0	QPSK	0.018	0.61	1.119	0.020	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	376000/1880.0	QPSK	0.351	1.22	1.112	0.390	1.6	/
Back Upward	Body & Hotspot	376000/1880.0	QPSK	0.693	-0.87	1.112	0.771	1.6	70
Right	Hotspot	376000/1880.0	QPSK	0.174	-2.18	1.112	0.193	1.6	/
Bottom	Hotspot	376000/1880.0	QPSK	0.506	-3.13	1.112	0.563	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	376000/1880.0	QPSK	0.305	0.19	1.119	0.341	1.6	/
Back Upward	Body & Hotspot	376000/1880.0	QPSK	0.618	-1.13	1.119	0.692	1.6	/
Right	Hotspot	376000/1880.0	QPSK	0.147	-3.14	1.119	0.164	1.6	/
Bottom	Hotspot	376000/1880.0	QPSK	0.428	2.22	1.119	0.479	1.6	/
Sensor off/Full Power/1RB#1									
Bottom (Test distance 14mm)	Hotspot	376000/1880.0	QPSK	0.616	-0.95	1.117	0.688	1.6	/
Sensor off/Full Power/50%RB#1									
Bottom	Hotspot	376000/1880.0	QPSK	0.559	0.63	1.081	0.604	1.6	/



(Test distance 14mm)									
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**Results overview of NR5, DFT-QPSK, 20MHz Bandwidth**

ANT 2

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	167300/836.5	QPSK	0.029	-0.58	1.117	0.032	1.6	71
Right Tilted	Head	167300/836.5	QPSK	0.014	-3.60	1.117	0.016	1.6	/
Left Cheek	Head	167300/836.5	QPSK	0.021	1.17	1.117	0.023	1.6	/
Left Tilted	Head	167300/836.5	QPSK	0.012	-0.16	1.117	0.013	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	167300/836.5	QPSK	0.023	-1.39	1.081	0.025	1.6	/
Right Tilted	Head	167300/836.5	QPSK	0.012	-3.71	1.081	0.013	1.6	/
Left Cheek	Head	167300/836.5	QPSK	0.017	-0.94	1.081	0.018	1.6	/
Left Tilted	Head	167300/836.5	QPSK	0.010	-2.64	1.081	0.011	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	167300/836.5	QPSK	0.035	-1.48	1.117	0.039	1.6	/
Back Upward	Body & Hotspot	167300/836.5	QPSK	0.039	-2.69	1.117	0.044	1.6	/
Left	Hotspot	167300/836.5	QPSK	0.047	0.11	1.117	0.052	1.6	72
Top	Hotspot	167300/836.5	QPSK	0.014	-3.96	1.117	0.016	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	167300/836.5	QPSK	0.029	-3.63	1.081	0.031	1.6	/
Back Upward	Body & Hotspot	167300/836.5	QPSK	0.032	0.65	1.081	0.035	1.6	/
Right	Hotspot	167300/836.5	QPSK	0.040	2.44	1.081	0.043	1.6	/
Bottom	Hotspot	167300/836.5	QPSK	0.012	-1.55	1.081	0.013	1.6	/
Sensor off/Full Power/1RB#1									
Left (Test distance 14mm)	Hotspot	167300/836.5	QPSK	0.035	-0.21	1.178	0.041	1.6	/
Sensor off/Full Power/50%RB#1									
Left	Hotspot	167300/836.5	QPSK	0.029	-0.71	1.104	0.032	1.6	/



(Test distance 14mm)									
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**Results overview of NR7, DFT-QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	507000/2535.0	QPSK	0.041	-0.30	1.180	0.048	1.6	73
Right Tilted	Head	507000/2535.0	QPSK	0.020	2.43	1.180	0.024	1.6	/
Left Cheek	Head	507000/2535.0	QPSK	0.030	1.03	1.180	0.035	1.6	/
Left Tilted	Head	507000/2535.0	QPSK	0.017	-3.79	1.180	0.020	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	507000/2535.0	QPSK	0.035	1.50	1.094	0.038	1.6	/
Right Tilted	Head	507000/2535.0	QPSK	0.017	-2.30	1.094	0.019	1.6	/
Left Cheek	Head	507000/2535.0	QPSK	0.026	-3.08	1.094	0.028	1.6	/
Left Tilted	Head	507000/2535.0	QPSK	0.015	-0.54	1.094	0.016	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	507000/2535.0	QPSK	0.169	3.39	1.180	0.199	1.6	/
Back Upward	Body & Hotspot	507000/2535.0	QPSK	0.188	-0.51	1.180	0.222	1.6	74
Right	Hotspot	507000/2535.0	QPSK	0.176	-1.37	1.180	0.208	1.6	/
Bottom	Hotspot	507000/2535.0	QPSK	0.067	2.00	1.180	0.079	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	507000/2535.0	QPSK	0.144	-.55	1.094	0.158	1.6	/
Back Upward	Body & Hotspot	507000/2535.0	QPSK	0.165	3.25	1.094	0.181	1.6	/
Right	Hotspot	507000/2535.0	QPSK	0.157	2.88	1.094	0.172	1.6	/
Bottom	Hotspot	507000/2535.0	QPSK	0.061	-0.34	1.094	0.067	1.6	/
Sensor off/Full Power/1RB#1									
Bottom (Test distance 14mm)	Hotspot	507000/2535.0	QPSK	0.141	-1.69	1.146	0.162	1.6	/
Sensor off/Full Power/50%RB#1									
Bottom	Hotspot	507000/2535.0	QPSK	0.126	0.41	1.125	0.142	1.6	/



(Test distance 14mm)									
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**Results overview of NR26, DFT-QPSK, 20MHz Bandwidth**

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	166300/831.5	QPSK	0.059	0.30	1.104	0.065	1.6	75
Right Tilted	Head	166300/831.5	QPSK	0.029	2.25	1.104	0.032	1.6	/
Left Cheek	Head	166300/831.5	QPSK	0.043	-3.06	1.104	0.047	1.6	/
Left Tilted	Head	166300/831.5	QPSK	0.025	-1.10	1.104	0.028	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	166300/831.5	QPSK	0.050	-0.85	1.112	0.056	1.6	/
Right Tilted	Head	166300/831.5	QPSK	0.024	1.74	1.112	0.027	1.6	/
Left Cheek	Head	166300/831.5	QPSK	0.036	-2.84	1.112	0.040	1.6	/
Left Tilted	Head	166300/831.5	QPSK	0.021	-3.07	1.112	0.023	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	166300/831.5	QPSK	0.053	2.54	1.104	0.059	1.6	/
Back Upward	Body & Hotspot	166300/831.5	QPSK	0.050	-2.43	1.104	0.055	1.6	/
Left	Hotspot	166300/831.5	QPSK	0.055	0.86	1.104	0.061	1.6	76
Top	Hotspot	166300/831.5	QPSK	0.021	-2.33	1.104	0.023	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	166300/831.5	QPSK	0.045	-3.85	1.112	0.050	1.6	/
Back Upward	Body & Hotspot	166300/831.5	QPSK	0.042	-2.14	1.112	0.047	1.6	/
Left	Hotspot	166300/831.5	QPSK	0.049	-0.68	1.112	0.054	1.6	/
Top	Hotspot	166300/831.5	QPSK	0.018	-1.46	1.112	0.020	1.6	/
Sensor off/Full Power/1RB#1									
Left (Test distance 14mm)	Hotspot	166300/831.5	QPSK	0.042	-2.82	1.104	0.046	1.6	/
Sensor off/Full Power/50%RB#1									
Left	Hotspot	166300/831.5	QPSK	0.037	0.19	1.112	0.041	1.6	/



(Test distance 14mm)									
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**Results overview of NR41, DFT-QPSK, 100MHz Bandwidth**

ANT 1

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	518598/2592.99	QPSK	0.078	2.19	1.125	0.088	1.6	77
Right Tilted	Head	518598/2592.99	QPSK	0.064	-1.32	1.125	0.072	1.6	/
Left Cheek	Head	518598/2592.99	QPSK	0.068	0.32	1.125	0.077	1.6	/
Left Tilted	Head	518598/2592.99	QPSK	0.056	-2.68	1.125	0.063	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	518598/2592.99	QPSK	0.065	-0.40	1.138	0.074	1.6	/
Right Tilted	Head	518598/2592.99	QPSK	0.053	1.89	1.138	0.060	1.6	/
Left Cheek	Head	518598/2592.99	QPSK	0.058	-2.86	1.138	0.066	1.6	/
Left Tilted	Head	518598/2592.99	QPSK	0.044	0.21	1.138	0.050	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	518598/2592.99	QPSK	0.095	1.81	1.125	0.107	1.6	/
Back Upward	Body & Hotspot	518598/2592.99	QPSK	0.084	0.29	1.125	0.095	1.6	/
Left	Hotspot	518598/2592.99	QPSK	0.049	-2.56	1.125	0.055	1.6	/
Top	Hotspot	518598/2592.99	QPSK	0.119	3.74	1.125	0.134	1.6	78
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	518598/2592.99	QPSK	0.082	2.99	1.138	0.093	1.6	/
Back Upward	Body & Hotspot	518598/2592.99	QPSK	0.071	-1.64	1.138	0.081	1.6	/
Left	Hotspot	518598/2592.99	QPSK	0.040	0.85	1.138	0.046	1.6	/
Top	Hotspot	518598/2592.99	QPSK	0.105	3.61	1.138	0.119	1.6	/
Sensor off/Full Power/1RB#1									
Left (Test distance 14mm)	Hotspot	518598/2592.99	QPSK	0.086	-1.42	1.161	0.100	1.6	/
Sensor off/Full Power/50%RB#1									
Left	Hotspot	518598/2592.99	QPSK	0.072	0.85	1.164	0.084	1.6	/



(Test distance 14mm)									
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Results overview of NR66, DFT-QPSK, 20MHz Bandwidth

ANT 4

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	349000/1745.0	QPSK	0.038	0.26	1.094	0.042	1.6	79
Right Tilted	Head	349000/1745.0	QPSK	0.018	1.34	1.094	0.020	1.6	/
Left Cheek	Head	349000/1745.0	QPSK	0.031	-1.19	1.094	0.034	1.6	/
Left Tilted	Head	349000/1745.0	QPSK	0.015	1.32	1.094	0.016	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	349000/1745.0	QPSK	0.032	-2.32	1.117	0.036	1.6	/
Right Tilted	Head	349000/1745.0	QPSK	0.015	-1.88	1.117	0.017	1.6	/
Left Cheek	Head	349000/1745.0	QPSK	0.026	0.96	1.117	0.029	1.6	/
Left Tilted	Head	349000/1745.0	QPSK	0.012	-2.07	1.117	0.013	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	349000/1745.0	QPSK	0.099	-0.47	1.094	0.108	1.6	/
Back Upward	Body & Hotspot	349000/1745.0	QPSK	0.170	-3.25	1.094	0.186	1.6	80
Right	Hotspot	349000/1745.0	QPSK	0.059	0.37	1.094	0.065	1.6	/
Bottom	Hotspot	349000/1745.0	QPSK	0.143	2.76	1.094	0.156	1.6	/
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	349000/1745.0	QPSK	0.089	-3.38	1.117	0.089	1.6	/
Back Upward	Body & Hotspot	349000/1745.0	QPSK	0.152	1.21	1.117	0.152	1.6	/
Right	Hotspot	349000/1745.0	QPSK	0.053	3.56	1.117	0.053	1.6	/
Bottom	Hotspot	349000/1745.0	QPSK	0.128	-2.29	1.117	0.128	1.6	/
Sensor off/Full Power/1RB#1									
Bottom (Test distance 14mm)	Hotspot	349000/1745.0	QPSK	0.115	-0.66	1.122	0.129	1.6	/
Sensor off/Full Power/50%RB#1									
Bottom	Hotspot	349000/1745.0	QPSK	0.102	1.63	1.167	0.119	1.6	/



(Test distance 14mm)									
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**Results overview of NR77(3700 MHz-3980MHz), DFT-QPSK, 100MHz Bandwidth**

ANT 1

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	656000/3840.0	QPSK	0.133	-1.10	1.084	0.144	1.6	81
Right Tilted	Head	656000/3840.0	QPSK	0.124	-2.64	1.084	0.134	1.6	/
Left Cheek	Head	656000/3840.0	QPSK	0.096	-1.76	1.084	0.104	1.6	/
Left Tilted	Head	656000/3840.0	QPSK	0.089	-3.28	1.084	0.096	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	656000/3840.0	QPSK	0.121	-0.41	1.117	0.135	1.6	/
Right Tilted	Head	656000/3840.0	QPSK	0.108	-2.63	1.117	0.121	1.6	/
Left Cheek	Head	656000/3840.0	QPSK	0.089	-1.73	1.117	0.099	1.6	/
Left Tilted	Head	656000/3840.0	QPSK	0.084	-0.64	1.117	0.094	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	656000/3840.0	QPSK	0.051	-1.76	1.084	0.055	1.6	/
Back Upward	Body & Hotspot	656000/3840.0	QPSK	0.080	0.67	1.084	0.087	1.6	/
Left	Hotspot	656000/3840.0	QPSK	0.065	-1.41	1.084	0.070	1.6	/
Top	Hotspot	656000/3840.0	QPSK	0.110	0.73	1.084	0.119	1.6	82
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	656000/3840.0	QPSK	0.045	1.22	1.117	0.050	1.6	/
Back Upward	Body & Hotspot	656000/3840.0	QPSK	0.072	-3.91	1.117	0.080	1.6	/
Left	Hotspot	656000/3840.0	QPSK	0.061	0.38	1.117	0.068	1.6	/
Top	Hotspot	656000/3840.0	QPSK	0.101	1.63	1.117	0.113	1.6	/
Sensor off/Full Power/1RB#1									
Left (Test distance 14mm)	Hotspot	656000/3840.0	QPSK	0.098	0.25	1.117	0.109	1.6	/
Sensor off/Full Power/50%RB#1									
Left	Hotspot	656000/3840.0	QPSK	0.091	-0.74	1.189	0.108	1.6	/



(Test distance 14mm)									
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**Results overview of NR78(3450 MHz-3550MHz), DFT-QPSK, 100MHz Bandwidth**

ANT 1

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 0mm)/Reduced Power DSI 1/1RB#1									
Right Cheek	Head	633334/3500.01	QPSK	0.448	-0.96	1.109	0.497	1.6	/
Right Tilted	Head	633334/3500.01	QPSK	0.585	-3.44	1.109	0.649	1.6	83
Left Cheek	Head	633334/3500.01	QPSK	0.244	-1.01	1.109	0.271	1.6	/
Left Tilted	Head	633334/3500.01	QPSK	0.334	-0.86	1.109	0.370	1.6	/
Sensor on(Test distance 0mm)/Reduced Power DSI 1/50%RB#1									
Right Cheek	Head	633334/3500.01	QPSK	0.409	-2.24	1.140	0.466	1.6	/
Right Tilted	Head	633334/3500.01	QPSK	0.578	-0.18	1.140	0.659	1.6	/
Left Cheek	Head	633334/3500.01	QPSK	0.249	-2.95	1.140	0.284	1.6	/
Left Tilted	Head	633334/3500.01	QPSK	0.324	-1.15	1.140	0.369	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Sensor on(Test distance 10mm)/Reduced Power DSI 1/1RB#1									
Front Upward	Body & Hotspot	633334/3500.01	QPSK	0.119	-0.24	1.109	0.132	1.6	/
Back Upward	Body & Hotspot	633334/3500.01	QPSK	0.136	-0.92	1.109	0.151	1.6	/
Left	Hotspot	633334/3500.01	QPSK	0.073	1.86	1.109	0.081	1.6	/
Top	Hotspot	633334/3500.01	QPSK	0.219	-3.03	1.109	0.243	1.6	84
Sensor on(Test distance 10mm)/Reduced Power DSI 1/50%RB#1									
Front Upward	Body & Hotspot	633334/3500.01	QPSK	0.115	-0.91	1.140	0.131	1.6	/
Back Upward	Body & Hotspot	633334/3500.01	QPSK	0.121	0.10	1.140	0.138	1.6	/
Left	Hotspot	633334/3500.01	QPSK	0.068	1.39	1.140	0.078	1.6	/
Top	Hotspot	633334/3500.01	QPSK	0.194	-2.36	1.140	0.221	1.6	/
Sensor off/Full Power/1RB#1									
Left (Test distance 14mm)	Hotspot	633334/3500.01	QPSK	0.183	0.25	1.067	0.195	1.6	/
Sensor off/Full Power/50%RB#1									
Left	Hotspot	633334/3500.01	QPSK	0.167	0.52	1.074	0.179	1.6	/



(Test distance 14mm)									
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**Results overview of WIFI2.4G 802.11b**

ANT 6

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	6/2437.0	802.11b	0.116	-2.72	1.186	0.138	1.6	/
Right Tilted	Head	6/2437.0	802.11b	0.064	-0.18	1.186	0.076	1.6	/
Left Cheek	Head	6/2437.0	802.11b	0.142	-1.38	1.186	0.168	1.6	85
Left Tilted	Head	6/2437.0	802.11b	0.071	-0.59	1.186	0.084	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	6/2437.0	802.11b	0.069	-0.74	1.186	0.082	1.6	/
Back Upward	Body & Hotspot	6/2437.0	802.11b	0.062	-2.88	1.186	0.074	1.6	/
Right	Hotspot	6/2437.0	802.11b	0.095	-0.91	1.186	0.113	1.6	86
Top	Hotspot	6/2437.0	802.11b	0.042	-3.18	1.186	0.050	1.6	/

**Results overview of WIFI2.4G 802.11b**

ANT 7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	6/2437.0	802.11b	0.153	-0.36	1.148	0.176	1.6	/
Right Tilted	Head	6/2437.0	802.11b	0.114	-0.75	1.148	0.131	1.6	/
Left Cheek	Head	6/2437.0	802.11b	0.250	-1.11	1.148	0.287	1.6	87
Left Tilted	Head	6/2437.0	802.11b	0.200	-0.60	1.148	0.230	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	6/2437.0	802.11b	0.060	-0.40	1.148	0.069	1.6	/
Back Upward	Body & Hotspot	6/2437.0	802.11b	0.093	-1.02	1.148	0.107	1.6	88
Right	Hotspot	6/2437.0	802.11b	0.040	-3.55	1.148	0.046	1.6	/
Top	Hotspot	6/2437.0	802.11b	0.086	-1.37	1.148	0.099	1.6	/

**Results overview of WIFI2.4G MIMO 802.11n40**

ANT 6+7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	6/2437.0	802.11n40	0.128	-1.36	1.096	0.140	1.6	/
Right Tilted	Head	6/2437.0	802.11n40	0.110	-0.29	1.096	0.121	1.6	/
Left Cheek	Head	6/2437.0	802.11n40	0.167	0.86	1.096	0.183	1.6	89
Left Tilted	Head	6/2437.0	802.11n40	0.143	-2.26	1.096	0.157	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	6/2437.0	802.11n40	0.060	-0.54	1.096	0.066	1.6	/
Back Upward	Body & Hotspot	6/2437.0	802.11n40	0.073	1.69	1.096	0.080	1.6	90
Right	Hotspot	6/2437.0	802.11n40	0.065	-2.27	1.096	0.071	1.6	/
Top	Hotspot	6/2437.0	802.11n40	0.063	-0.17	1.096	0.069	1.6	/

**Results overview of WIFI U-NII 1 802.11a**

ANT 6

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	44/5220.0	802.11a	0.194	-2.53	1.135	0.220	1.6	/
Right Tilted	Head	44/5220.0	802.11a	0.108	0.93	1.135	0.123	1.6	/
Left Cheek	Head	44/5220.0	802.11a	0.267	-1.81	1.135	0.303	1.6	91
Left Tilted	Head	44/5220.0	802.11a	0.155	-0.90	1.135	0.176	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	44/5220.0	802.11a	0.059	1.31	1.135	0.067	1.6	/
Back Upward	Body & Hotspot	44/5220.0	802.11a	0.197	0.73	1.135	0.224	1.6	92
Right	Hotspot	44/5220.0	802.11a	0.164	-2.09	1.135	0.186	1.6	/
Top	Hotspot	44/5220.0	802.11a	0.059	-3.18	1.135	0.067	1.6	/

**Results overview of WIFI U-NII 1 802.11a**

ANT 7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	44/5220.0	802.11a	0.286	1.89	1.067	0.305	1.6	/
Right Tilted	Head	44/5220.0	802.11a	0.167	-0.69	1.067	0.178	1.6	/
Left Cheek	Head	44/5220.0	802.11a	0.443	-2.25	1.067	0.473	1.6	93
Left Tilted	Head	44/5220.0	802.11a	0.295	1.13	1.067	0.315	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	44/5220.0	802.11a	0.116	1.05	1.067	0.124	1.6	/
Back Upward	Body & Hotspot	44/5220.0	802.11a	0.077	-1.61	1.067	0.082	1.6	/
Right	Hotspot	44/5220.0	802.11a	0.070	-2.47	1.067	0.075	1.6	/
Top	Hotspot	44/5220.0	802.11a	0.128	-0.64	1.067	0.137	1.6	94

**Results overview of WIFI U-NII 1 MIMO 802.11n20**

ANT 6+7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	44/5220.0	802.11a	0.226	-2.10	1.183	0.267	1.6	/
Right Tilted	Head	44/5220.0	802.11a	0.181	1.33	1.183	0.214	1.6	/
Left Cheek	Head	44/5220.0	802.11a	0.432	-0.82	1.183	0.511	1.6	95
Left Tilted	Head	44/5220.0	802.11a	0.365	-3.21	1.183	0.432	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	44/5220.0	802.11a	0.144	1.87	1.183	0.170	1.6	/
Back Upward	Body & Hotspot	44/5220.0	802.11a	0.118	-3.94	1.183	0.140	1.6	/
Right	Hotspot	44/5220.0	802.11a	0.151	0.42	1.183	0.179	1.6	96
Top	Hotspot	44/5220.0	802.11a	0.124	-2.70	1.183	0.147	1.6	/

**Results overview of WIFI U-NII 2a 802.11a****ANT 6**

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	60/5300.0	802.11a	0.156	2.56	1.079	0.168	1.6	/
Right Tilted	Head	60/5300.0	802.11a	0.131	-1.18	1.079	0.141	1.6	/
Left Cheek	Head	60/5300.0	802.11a	0.260	-3.36	1.079	0.281	1.6	97
Left Tilted	Head	60/5300.0	802.11a	0.209	2.14	1.079	0.226	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	60/5300.0	802.11a	0.060	2.68	1.079	0.065	1.6	/
Back Upward	Body	60/5300.0	802.11a	0.167	0.16	1.079	0.180	1.6	98

Results overview of WIFI U-NII 2a 802.11n20**ANT 7**

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	60/5300.0	802.11n20	0.112	-0.12	1.125	0.126	1.6	/
Right Tilted	Head	60/5300.0	802.11n20	0.107	-0.22	1.125	0.120	1.6	/
Left Cheek	Head	60/5300.0	802.11n20	0.283	-0.32	1.125	0.318	1.6	99
Left Tilted	Head	60/5300.0	802.11n20	0.252	-1.20	1.125	0.284	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	60/5300.0	802.11n20	0.148	-1.28	1.125	0.167	1.6	100
Back Upward	Body	60/5300.0	802.11n20	0.094	-2.81	1.125	0.106	1.6	/

**Results overview of WIFI U-NII 2a MIMO 802.11n20**

ANT 6+7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	60/5300.0	802.11n20	0.111	3.85	1.127	0.125	1.6	/
Right Tilted	Head	60/5300.0	802.11n20	0.102	-0.61	1.127	0.115	1.6	/
Left Cheek	Head	60/5300.0	802.11n20	0.273	0.17	1.127	0.308	1.6	101
Left Tilted	Head	60/5300.0	802.11n20	0.234	-1.94	1.127	0.264	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	60/5300.0	802.11n20	0.121	2.18	1.127	0.136	1.6	102
Back Upward	Body	60/5300.0	802.11n20	0.115	-1.06	1.127	0.130	1.6	/

Results overview of WIFI U-NII 2c 802.11n20

ANT 6

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	120/5600.0	802.11n20	0.113	1.23	1.186	0.134	1.6	/
Right Tilted	Head	120/5600.0	802.11n20	0.087	-2.66	1.186	0.103	1.6	/
Left Cheek	Head	120/5600.0	802.11n20	0.229	-0.34	1.186	0.272	1.6	103
Left Tilted	Head	120/5600.0	802.11n20	0.196	0.14	1.186	0.232	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	120/5600.0	802.11n20	0.057	-2.68	1.186	0.068	1.6	/
Back Upward	Body	120/5600.0	802.11n20	0.143	-1.70	1.186	0.170	1.6	104

**Results overview of WIFI U-NII 2c 802.11a**

ANT 7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	120/5600.0	802.11a	0.208	-0.78	1.178	0.245	1.6	/
Right Tilted	Head	120/5600.0	802.11a	0.198	-2.90	1.178	0.233	1.6	/
Left Cheek	Head	120/5600.0	802.11a	0.426	-3.82	1.178	0.502	1.6	105
Left Tilted	Head	120/5600.0	802.11a	0.398	0.46	1.178	0.469	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	120/5600.0	802.11a	0.118	2.66	1.178	0.139	1.6	/
Back Upward	Body	120/5600.0	802.11a	0.156	-1.35	1.178	0.184	1.6	106

Results overview of WIFI U-NII 2c MIMO 802.11n20

ANT 6+7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	120/5600.0	802.11n20	0.150	-1.33	1.114	0.167	1.6	/
Right Tilted	Head	120/5600.0	802.11n20	0.130	2.65	1.114	0.145	1.6	/
Left Cheek	Head	120/5600.0	802.11n20	0.370	-2.32	1.114	0.412	1.6	107
Left Tilted	Head	120/5600.0	802.11n20	0.324	-0.98	1.114	0.361	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	120/5600.0	802.11n20	0.110	3.15	1.114	0.123	1.6	/
Back Upward	Body	120/5600.0	802.11n20	0.132	-0.28	1.114	0.147	1.6	108

**Results overview of WIFI U-NII 3 802.11a**

ANT 6

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	157/5785.0	802.11a	0.106	1.40	1.125	0.119	1.6	/
Right Tilted	Head	157/5785.0	802.11a	0.112	-0.18	1.125	0.126	1.6	/
Left Cheek	Head	157/5785.0	802.11a	0.224	0.73	1.125	0.252	1.6	/
Left Tilted	Head	157/5785.0	802.11a	0.240	-2.06	1.125	0.270	1.6	109
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	157/5785.0	802.11a	0.085	-0.11	1.125	0.096	1.6	/
Back Upward	Body & Hotspot	157/5785.0	802.11a	0.156	-2.21	1.125	0.176	1.6	110
Right	Hotspot	157/5785.0	802.11a	0.072	-3.16	1.125	0.081	1.6	/
Top	Hotspot	157/5785.0	802.11a	0.121	2.05	1.125	0.136	1.6	/

**Results overview of WIFI U-NII 3 802.11a**

ANT 7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	157/5785.0	802.11a	0.132	2.21	1.125	0.149	1.6	/
Right Tilted	Head	157/5785.0	802.11a	0.118	-0.90	1.125	0.133	1.6	/
Left Cheek	Head	157/5785.0	802.11a	0.260	0.19	1.125	0.293	1.6	111
Left Tilted	Head	157/5785.0	802.11a	0.244	0.75	1.125	0.275	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	157/5785.0	802.11a	0.046	-2.32	1.125	0.052	1.6	/
Back Upward	Body & Hotspot	157/5785.0	802.11a	0.126	-0.40	1.125	0.142	1.6	112
Right	Hotspot	157/5785.0	802.11a	0.115	2.52	1.125	0.129	1.6	/
Top	Hotspot	157/5785.0	802.11a	0.075	1.04	1.125	0.084	1.6	/

**Results overview of WIFI U-NII 3 MIMO 802.11n20**

ANT 6+7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	157/5785.0	802.11n20	0.154	2.61	1.062	0.164	1.6	/
Right Tilted	Head	157/5785.0	802.11n20	0.118	-1.20	1.062	0.125	1.6	/
Left Cheek	Head	157/5785.0	802.11n20	0.238	0.57	1.062	0.253	1.6	113
Left Tilted	Head	157/5785.0	802.11n20	0.187	1.42	1.062	0.199	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body & Hotspot	157/5785.0	802.11n20	0.098	-1.21	1.062	0.104	1.6	/
Back Upward	Body & Hotspot	157/5785.0	802.11n20	0.135	-1.94	1.062	0.143	1.6	/
Right	Hotspot	157/5785.0	802.11n20	0.111	-2.31	1.062	0.118	1.6	/
Top	Hotspot	157/5785.0	802.11n20	0.155	-3.70	1.062	0.165	1.6	114

Results overview of Bluetooth

ANT 7

Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Right Cheek	Head	39/2441.0	3DH5	0.062	-1.31	1.180	0.073	1.6	/
Right Tilted	Head	39/2441.0	3DH5	0.031	-1.81	1.180	0.037	1.6	/
Left Cheek	Head	39/2441.0	3DH5	0.068	2.06	1.180	0.080	1.6	115
Left Tilted	Head	39/2441.0	3DH5	0.033	-1.62	1.180	0.039	1.6	/
Test Position	RF Exposure Condition	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	Body	39/2441.0	3DH5	0.036	2.11	1.180	0.042	1.6	116
Back Upward	Body	39/2441.0	3DH5	0.032	-1.02	1.180	0.038	1.6	/



Note:

Per KDB Publication 941225 D01v03r01. RMC 12.2kbps was as primary mode SAR, when the primary mode SAR less than 1.2W/kg, secondary SAR (HSPA) was not requires.

When the 1-g SAR for the mid-band channel or the channel with the highest output power satisfy the following conditions, testing of the other channels in the band is not required. (Per KDB 447498 D01 General RF Exposure Guidance v06)

- ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg, when the transmission band is ≥ 200 MHz

12. Simultaneous Transmissions Analysis

Localized Specific Absorption Rate (SAR) of this portable wireless device has been measured in all cases requested by the relevant standards cited in Clause 6 of this report. Maximum localized SAR is **below** exposure limits specified in the relevant standards.

Simultaneous SAR

No.	Transmitter Combinations	Head	Body	Hotspot
1	WWAN + WLAN 2.4GHzSISO/MIMO	Support	Support	Support
2	WWAN + WLAN 5.2G/5.8GHzSISO/MIMO	Support	Support	Support
3	WWAN + WLAN 5.3G/5.6GHzSISO/MIMO	Support	Support	No
4	WWAN+ Bluetooth	Support	Support	No
5	WWAN + WLAN 5GHz ANT 6 +Bluetooth(ANT 7)	Support	Support	No

Note:

1. The NR band and EN-DC mode base on FTM mode, seting the NR Band at The most conservative full power to test.
2. EUT will choose each GSM, WCDMA, LTE and 5GNR(SA&NSA) according to the network signal condition; therefore, they will not operate simultaneously at any moment.
3. Simultaneous Transmission SAR evaluation is not required for BT and WLAN 2.4G, because the software mechanism have been incorporated to guarantee that the WLAN 2.4G and Bluetooth transmitters would not simultaneously operate.
4. The reported SAR summation is calculated based on the same configuration and test position.
5. The same antenna for LTE and NR cannot combined on NSA mode.



Applicable Multiple Scenario Evaluation

WIFI and Bluetooth SAR:

Position 1gSAR(W/kg)		2.4GWIFI ANT 6	2.4GWIFI ANT 7	2.4GWIFI ANT 6 +ANT 7 MIMO	5.2GWIFI ANT 6	5.2GWIFI ANT 7	5.2GWIFI ANT 6 +ANT 7 MIMO	5.3GWIFI ANT 6	5.3GWIFI ANT 7
		1	2	3	4	5	6	7	8
Head 0mm distance	Right Cheek	0.138	0.176	0.140	0.220	0.305	0.267	0.168	0.126
	Right Tilted	0.076	0.131	0.121	0.123	0.178	0.214	0.141	0.120
	Left Cheek	0.168	0.287	0.183	0.303	0.473	0.511	0.281	0.318
	Left Tilted	0.084	0.230	0.157	0.176	0.315	0.432	0.226	0.284
Body and Hotspot 10mm distance	Front	0.082	0.069	0.066	0.067	0.124	0.170	0.065	0.167
	Back	0.074	0.107	0.080	0.224	0.082	0.140	0.180	0.106
	Left	/	/	/	/	/	/	/	/
	Right	0.113	0.046	0.071	0.186	0.075	0.179	/	/
	Top	0.050	0.099	0.069	0.067	0.137	0.147	/	/
	Bottom	/	/	/	/	/	/	/	/

Position 1gSAR(W/kg)		5.3GWIFI ANT 6 +ANT 7 MIMO	5.6GWIFI ANT 6	5.6GWIFI ANT 7	5.6GWIFI ANT 6 +ANT 7 MIMO	5.8GWIFI ANT 6	5.8GWIFI ANT 7	5.8GWIFI ANT 6 +ANT 7 MIMO	BT ANT 7
		9	10	11	12	13	14	15	16
Head 0mm distance	Right Cheek	0.125	0.134	0.245	0.167	0.119	0.149	0.164	0.073
	Right Tilted	0.115	0.103	0.233	0.145	0.126	0.133	0.125	0.037
	Left Cheek	0.308	0.272	0.502	0.412	0.252	0.293	0.253	0.080
	Left Tilted	0.264	0.232	0.469	0.361	0.270	0.275	0.199	0.039
Body and Hotspot 10mm distance	Front	0.136	0.068	0.139	0.123	0.096	0.052	0.104	0.042
	Back	0.130	0.170	0.184	0.147	0.176	0.142	0.143	0.038
	Left	/	/	/	/	/	/	/	/
	Right	/	/	/	/	0.081	0.129	0.118	/
	Top	/	/	/	/	0.136	0.084	0.165	/
	Bottom	/	/	/	/	/	/	/	/

WIFI and Bluetooth simultaneous transmission mode

Position 1gSAR(W/kg)		WIFI and Bluetooth Simultaneous SAR							
		1	2	3	4	5	6	7	8
Head 0mm distance	Right Cheek	0.138	0.176	0.140	0.220	0.305	0.267	0.168	0.126
	Right Tilted	0.076	0.131	0.121	0.123	0.178	0.214	0.141	0.120
	Left Cheek	0.168	0.287	0.183	0.303	0.473	0.511	0.281	0.318
	Left Tilted	0.084	0.230	0.157	0.176	0.315	0.432	0.226	0.284
Body and Hotspot 10mm distance	Front	0.082	0.069	0.066	0.067	0.124	0.170	0.065	0.167
	Back	0.074	0.107	0.080	0.224	0.082	0.140	0.180	0.106
	Left	/	/	/	/	/	/	/	/
	Right	0.113	0.046	0.071	0.186	0.075	0.179	/	/
	Top	0.050	0.099	0.069	0.067	0.137	0.147	/	/
	Bottom	/	/	/	/	/	/	/	/

Position 1gSAR(W/kg)		WIFI and Bluetooth Simultaneous SAR							
		9	10	11	12	13	14	15	16
Head 0mm distance	Right Cheek	0.125	0.134	0.245	0.167	0.119	0.149	0.164	0.073
	Right Tilted	0.115	0.103	0.233	0.145	0.126	0.133	0.125	0.037
	Left Cheek	0.308	0.272	0.502	0.412	0.252	0.293	0.253	0.080
	Left Tilted	0.264	0.232	0.469	0.361	0.270	0.275	0.199	0.039
Body and Hotspot 10mm distance	Front	0.136	0.068	0.139	0.123	0.096	0.052	0.104	0.042
	Back	0.130	0.170	0.184	0.147	0.176	0.142	0.143	0.038
	Left	/	/	/	/	/	/	/	/
	Right	/	/	/	/	0.081	0.129	0.118	/
	Top	/	/	/	/	0.136	0.084	0.165	/
	Bottom	/	/	/	/	/	/	/	/



Position 1gSAR(W/kg)		WIFI and Bluetooth Simultaneous SAR				Max WIFI and Bluetooth Simultaneous SAR
		4+16	7+16	10+16	13+16	
Head 0mm distance	Right Cheek	0.293	0.241	0.207	0.192	0.305
	Right Tilted	0.160	0.178	0.140	0.163	0.233
	Left Cheek	0.383	0.361	0.352	0.332	0.511
	Left Tilted	0.215	0.265	0.271	0.309	0.469
Body and Hotspot 10mm distance	Front	0.109	0.107	0.110	0.138	0.170
	Back	0.262	0.218	0.208	0.214	0.262
	Left	/	/	/	/	/
	Right	0.186	/	/	0.081	0.186
	Top	0.067	/	/	0.136	0.165
	Bottom	/	/	/	/	/

**5G NR ENDC**

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 2 ANT 2	NR n7 SA ANT 4	ENDC DC_2A_n7A
Head 0mm distance	Right Cheek	0.580	0.048	0.628
	Right Tilted	0.322	0.024	0.346
	Left Cheek	0.447	0.035	0.482
	Left Tilted	0.250	0.020	0.270
Body and Hotspot 10mm distance	Front	0.145	0.199	0.344
	Back	0.118	0.222	0.340
	Left	0.188	/	0.188
	Right	/	0.208	0.208
	Top	0.046	/	0.046
	Bottom	/	0.079	0.079

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 2	NR n7 SA ANT 4	ENDC DC_66A_n7A
Head 0mm distance	Right Cheek	0.623	0.048	0.671
	Right Tilted	0.338	0.024	0.362
	Left Cheek	0.492	0.035	0.527
	Left Tilted	0.268	0.020	0.288
Body and Hotspot 10mm distance	Front	0.170	0.199	0.369
	Back	0.139	0.222	0.361
	Left	0.221	/	0.221
	Right	/	0.208	0.208
	Top	0.054	/	0.054
	Bottom	/	0.079	0.079



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 2 ANT 2	NR n41 SA ANT 1	ENDC DC_2A_n41A
Head 0mm distance	Right Cheek	0.580	0.088	0.668
	Right Tilted	0.322	0.072	0.394
	Left Cheek	0.447	0.077	0.524
	Left Tilted	0.250	0.063	0.313
Body and Hotspot 10mm distance	Front	0.145	0.107	0.252
	Back	0.118	0.095	0.213
	Left	0.188	0.055	0.243
	Right	/	/	/
	Top	0.046	0.134	0.180
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 2 ANT 4	NR n41 SA ANT 1	ENDC DC_2A_n41A
Head 0mm distance	Right Cheek	0.106	0.088	0.194
	Right Tilted	0.054	0.072	0.126
	Left Cheek	0.090	0.077	0.167
	Left Tilted	0.043	0.063	0.106
Body and Hotspot 10mm distance	Front	0.105	0.107	0.212
	Back	0.187	0.095	0.282
	Left	/	0.055	0.055
	Right	0.049	/	0.049
	Top	/	0.134	0.134
	Bottom	0.127	/	0.127



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 2	NR n41 SA ANT 1	ENDC DC_66A_n41A
Head 0mm distance	Right Cheek	0.623	0.088	0.711
	Right Tilted	0.338	0.072	0.410
	Left Cheek	0.492	0.077	0.569
	Left Tilted	0.268	0.063	0.331
Body and Hotspot 10mm distance	Front	0.170	0.107	0.277
	Back	0.139	0.095	0.234
	Left	0.221	0.055	0.276
	Right	/	/	/
	Top	0.054	0.134	0.188
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 4	NR n41 SA ANT 1	ENDC DC_66A_n41A
Head 0mm distance	Right Cheek	0.049	0.088	0.137
	Right Tilted	0.025	0.072	0.097
	Left Cheek	0.042	0.077	0.119
	Left Tilted	0.021	0.063	0.084
Body and Hotspot 10mm distance	Front	0.060	0.107	0.167
	Back	0.106	0.095	0.201
	Left	/	0.055	0.055
	Right	0.028	/	0.028
	Top	/	0.134	0.134
	Bottom	0.073	/	0.073



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 2 ANT 2	NR n77 SA ANT 1	ENDC DC_2A_n77A
Head 0mm distance	Right Cheek	0.580	0.144	0.724
	Right Tilted	0.322	0.134	0.456
	Left Cheek	0.447	0.104	0.551
	Left Tilted	0.250	0.096	0.346
Body and Hotspot 10mm distance	Front	0.145	0.055	0.200
	Back	0.118	0.087	0.205
	Left	0.188	0.070	0.258
	Right	/	/	/
	Top	0.046	0.119	0.165
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 2 ANT 4	NR n77 SA ANT 1	ENDC DC_2A_n77A
Head 0mm distance	Right Cheek	0.106	0.144	0.250
	Right Tilted	0.054	0.134	0.188
	Left Cheek	0.090	0.104	0.194
	Left Tilted	0.043	0.096	0.139
Body and Hotspot 10mm distance	Front	0.105	0.055	0.160
	Back	0.187	0.087	0.274
	Left	/	0.070	0.070
	Right	0.049	/	0.049
	Top	/	0.119	0.119
	Bottom	0.127	/	0.127



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 5 ANT 2	NR n77 SA ANT 1	ENDC DC_5A_n77A
Head 0mm distance	Right Cheek	0.252	0.144	0.396
	Right Tilted	0.117	0.134	0.251
	Left Cheek	0.136	0.104	0.240
	Left Tilted	0.063	0.096	0.159
Body and Hotspot 10mm distance	Front	0.044	0.055	0.099
	Back	0.099	0.087	0.186
	Left	0.157	0.070	0.227
	Right	/	/	/
	Top	0.026	0.119	0.145
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 5 ANT 3	NR n77 SA ANT 1	ENDC DC_5A_n77A
Head 0mm distance	Right Cheek	0.034	0.144	0.178
	Right Tilted	0.018	0.134	0.152
	Left Cheek	0.029	0.104	0.133
	Left Tilted	0.014	0.096	0.110
Body and Hotspot 10mm distance	Front	0.131	0.055	0.186
	Back	0.134	0.087	0.221
	Left	0.138	0.070	0.208
	Right	/	/	/
	Top	/	0.119	0.119
	Bottom	0.100	/	0.100



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 12 ANT 2	NR n77 SA ANT 1	ENDC DC_12A_n77A
Head 0mm distance	Right Cheek	0.478	0.144	0.622
	Right Tilted	0.268	0.134	0.402
	Left Cheek	0.297	0.104	0.401
	Left Tilted	0.159	0.096	0.255
Body and Hotspot 10mm distance	Front	0.106	0.055	0.161
	Back	0.215	0.087	0.302
	Left	0.339	0.070	0.409
	Right	/	/	/
	Top	0.050	0.119	0.169
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 12 ANT 3	NR n77 SA ANT 1	ENDC DC_12A_n77A
Head 0mm distance	Right Cheek	0.076	0.144	0.220
	Right Tilted	0.039	0.134	0.173
	Left Cheek	0.064	0.104	0.168
	Left Tilted	0.032	0.096	0.128
Body and Hotspot 10mm distance	Front	0.132	0.055	0.187
	Back	0.137	0.087	0.224
	Left	0.153	0.070	0.223
	Right	/	/	/
	Top	/	0.119	0.119
	Bottom	0.098	/	0.098



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 2	NR n77 SA ANT 1	ENDC DC_66A_n77A
Head 0mm distance	Right Cheek	0.623	0.144	0.767
	Right Tilted	0.338	0.134	0.472
	Left Cheek	0.492	0.104	0.596
	Left Tilted	0.268	0.096	0.364
Body and Hotspot 10mm distance	Front	0.170	0.055	0.225
	Back	0.139	0.087	0.226
	Left	0.221	0.070	0.291
	Right	/	/	/
	Top	0.054	0.119	0.173
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 4	NR n77 SA ANT 1	ENDC DC_66A_n77A
Head 0mm distance	Right Cheek	0.049	0.144	0.193
	Right Tilted	0.025	0.134	0.159
	Left Cheek	0.042	0.104	0.146
	Left Tilted	0.021	0.096	0.117
Body and Hotspot 10mm distance	Front	0.060	0.055	0.115
	Back	0.106	0.087	0.193
	Left	/	0.070	0.070
	Right	0.028	/	0.028
	Top	/	0.119	0.119
	Bottom	0.073	/	0.073



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 4 ANT 2	NR n78 SA ANT 1	ENDC DC_4A_n78A
Head 0mm distance	Right Cheek	0.617	0.497	1.114
	Right Tilted	0.336	0.649	0.985
	Left Cheek	0.476	0.271	0.747
	Left Tilted	0.266	0.370	0.636
Body and Hotspot 10mm distance	Front	0.150	0.132	0.282
	Back	0.122	0.151	0.273
	Left	0.194	0.081	0.275
	Right	/	/	/
	Top	0.047	0.243	0.290
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 4 ANT 4	NR n78 SA ANT 1	ENDC DC_4A_n78A
Head 0mm distance	Right Cheek	0.044	0.497	0.541
	Right Tilted	0.020	0.649	0.669
	Left Cheek	0.037	0.271	0.308
	Left Tilted	0.018	0.370	0.388
Body and Hotspot 10mm distance	Front	0.053	0.132	0.185
	Back	0.094	0.151	0.245
	Left	/	0.081	0.081
	Right	0.025	/	0.025
	Top	0.064	0.243	0.307
	Bottom	0.064	/	0.064



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 5 ANT 2	NR n78 SA ANT 1	ENDC DC_5A_n78A
Head 0mm distance	Right Cheek	0.252	0.497	0.749
	Right Tilted	0.117	0.649	0.766
	Left Cheek	0.136	0.271	0.407
	Left Tilted	0.063	0.370	0.433
Body and Hotspot 10mm distance	Front	0.044	0.132	0.176
	Back	0.099	0.151	0.250
	Left	0.157	0.081	0.238
	Right	/	/	/
	Top	0.026	0.243	0.269
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 5 ANT 3	NR n78 SA ANT 1	ENDC DC_5A_n78A
Head 0mm distance	Right Cheek	0.034	0.497	0.531
	Right Tilted	0.018	0.649	0.667
	Left Cheek	0.029	0.271	0.300
	Left Tilted	0.014	0.370	0.384
Body and Hotspot 10mm distance	Front	0.131	0.132	0.263
	Back	0.134	0.151	0.285
	Left	0.138	0.081	0.219
	Right	/	/	/
	Top	/	0.243	0.243
	Bottom	0.100	/	0.100



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 7 ANT 2	NR n78 SA ANT 1	ENDC DC_7A_n78A
Head 0mm distance	Right Cheek	0.285	0.497	1.114
	Right Tilted	0.205	0.649	0.782
	Left Cheek	0.255	0.271	0.854
	Left Tilted	0.173	0.370	0.526
Body and Hotspot 10mm distance	Front	0.097	0.132	0.543
	Back	0.168	0.151	0.229
	Left	0.241	0.081	0.319
	Right	/	/	0.322
	Top	0.047	0.243	/
	Bottom	/	/	0.290

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 7 ANT 4	NR n78 SA ANT 1	ENDC DC_7A_n78A
Head 0mm distance	Right Cheek	0.083	0.497	0.580
	Right Tilted	0.042	0.649	0.691
	Left Cheek	0.070	0.271	0.341
	Left Tilted	0.034	0.370	0.404
Body and Hotspot 10mm distance	Front	0.085	0.132	0.217
	Back	0.126	0.151	0.277
	Left	/	0.081	0.081
	Right	0.061	/	0.061
	Top	/	0.243	0.243
	Bottom	0.125	/	0.125



Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 2	NR n78 SA ANT 1	ENDC DC_66A_n78A
Head 0mm distance	Right Cheek	0.623	0.497	1.120
	Right Tilted	0.338	0.649	0.987
	Left Cheek	0.492	0.271	0.763
	Left Tilted	0.268	0.370	0.638
Body and Hotspot 10mm distance	Front	0.170	0.132	0.302
	Back	0.139	0.151	0.290
	Left	0.221	0.081	0.302
	Right	/	/	/
	Top	0.054	0.243	0.297
	Bottom	/	/	/

Position		Standalone SAR(W/kg)		Σ SAR1g(W/kg)
		LTE Band 66 ANT 4	NR n78 SA ANT 1	ENDC DC_66A_n78A
Head 0mm distance	Right Cheek	0.049	0.497	0.546
	Right Tilted	0.025	0.649	0.674
	Left Cheek	0.042	0.271	0.313
	Left Tilted	0.021	0.370	0.391
Body and Hotspot 10mm distance	Front	0.060	0.132	0.192
	Back	0.106	0.151	0.257
	Left	/	0.081	0.081
	Right	0.028	/	0.028
	Top	/	0.243	0.243
	Bottom	0.073	/	0.073

Note:

The 5G NR (NSA) SAR measurement procedure should be followed the TCB workshop publication in October 2020:

- If the signal uplink 1-g SAR values for each band are both less than 0.8 W/kg and the algebraic summation of the 1-g SAR values are less than 1.45 W/kg no additional measurements need to be performed.
- If one or the signal uplink 1-g SAR values is greater than 0.8 W/kg, instead of algebraically summing the 1-g SAR values, sum up the SAR distributions, similar to the enlarged zoom scan (volume scan) procedures found in FCC KDB Publication 865664 D01. And PAG is required for this case



Position 1gSAR(W/kg)		MAX ENDC SAR	Max WIFI and Bluetooth Simultaneous SAR	Max Simultaneous Σ 1-g SAR(W/Kg) (WIFI and BT MAX SAR + MAX ENDC SAR)
Head 0mm distance	Right Cheek	1.120	0.305	1.425
	Right Tilted	0.987	0.233	1.220
	Left Cheek	0.854	0.511	1.365
	Left Tilted	0.638	0.469	1.107
Body and Hotspot 10mm distance	Front	0.543	0.170	0.713
	Back	0.361	0.262	0.623
	Left	0.409	/	0.409
	Right	0.322	0.186	0.508
	Top	0.307	0.165	0.472
	Bottom	0.290	/	0.290

SAR to Peak Location Separation Ratio (SPLSR)

As the Sum of the SAR is not greater than 1.6 W/kg SPLSR assessment is not required



Simultaneous Tx Combination of GSM/WCDMA/LTE and BT/WIFI (Head)

Test Position/Freq.		Right Cheek	Right Tilted	Left Cheek	Left Tilted
Head MAX 1-g SAR(W/Kg)	GSM 850 ANT 2	0.139	0.067	0.113	0.047
	GSM 850 ANT 3	0.036	0.019	0.030	0.016
	GSM 1900 ANT 2	0.172	0.093	0.116	0.071
	GSM 1900 ANT 4	0.133	0.078	0.110	0.075
	CDMA BC 0 ANT 2	0.324	0.140	0.177	0.077
	CDMA BC 0 ANT 3	0.048	0.017	0.032	0.016
	WCDMA 850 ANT 2	0.211	0.103	0.147	0.069
	WCDMA 850 ANT 3	0.043	0.023	0.035	0.019
	WCDMA 1700 ANT 2	0.544	0.300	0.418	0.236
	WCDMA 1700 ANT 4	0.036	0.019	0.029	0.015
	WCDMA 1900 ANT 2	0.168	0.091	0.126	0.075
	WCDMA 1900 ANT 4	0.046	0.025	0.037	0.020
	LTE Band 2 ANT 2	0.580	0.322	0.447	0.250
	LTE Band 2 ANT 4	0.106	0.054	0.090	0.043
	LTE Band 4 ANT 2	0.617	0.336	0.476	0.266
	LTE Band 4 ANT 4	0.044	0.020	0.037	0.018
	LTE Band 5 ANT 2	0.252	0.117	0.136	0.063
	LTE Band 5 ANT 3	0.034	0.018	0.029	0.014
	LTE Band 7 ANT 2	0.285	0.205	0.255	0.173
	LTE Band 7 ANT 4	0.071	0.036	0.060	0.029
	LTE Band 12 ANT 2	0.478	0.268	0.297	0.159
	LTE Band 12 ANT 3	0.076	0.039	0.064	0.032
	LTE Band 17 ANT 2	0.455	0.251	0.293	0.160
	LTE Band 17 ANT 3	0.081	0.038	0.068	0.033
	LTE Band 26 ANT 2	0.332	0.198	0.176	0.094
	LTE Band 26 ANT 3	0.110	0.056	0.094	0.046
	LTE Band 40A ANT 2	0.463	0.254	0.445	0.237
	LTE Band 40A ANT 4	0.061	0.033	0.044	0.025
	LTE Band 40B ANT 2	0.493	0.273	0.471	0.243
	LTE Band 40B ANT 4	0.059	0.030	0.042	0.024
	LTE Band 41 ANT 2	0.540	0.309	0.442	0.242
	LTE Band 41 ANT 4	0.111	0.057	0.080	0.041
	LTE Band 66 ANT 2	0.623	0.338	0.492	0.268
	LTE Band 66 ANT 4	0.049	0.025	0.042	0.021
	NR Band 2 ANT 4	0.066	0.031	0.053	0.026
	NR Band 5 ANT 2	0.032	0.016	0.023	0.013
	NR Band 7 ANT 4	0.048	0.024	0.035	0.020
	NR Band 26 ANT 2	0.065	0.032	0.047	0.028
	NR Band 41 ANT 1	0.088	0.072	0.077	0.063
	NR Band 66 ANT 4	0.042	0.020	0.034	0.016
	NR Band 77 ANT 1	0.144	0.134	0.104	0.096



	NR Band 78 ANT 1	0.497	0.649	0.271	0.370
WWAN MAX SAR		0.623	0.649	0.492	0.370
WIFI/BT MAX SAR		0.305	0.233	0.511	0.469
Max Simultaneous $\sum$ 1-g SAR(W/Kg) (WIFI/BT MAX SAR +WWAN ANT MAX SAR)		0.928	0.882	1.003	0.839



Simultaneous Tx Combination of GSM/WCDMA/LTE and BT/WIFI (Body-worn).

Test Position		Front	Back	Left	Right	Top	Bottom
Body-worn MAX 1-g SAR(W/Kg)	GSM 850 ANT 2	0.059	0.056	/	/	/	/
	GSM 850 ANT 3	0.306	0.318	/	/	/	/
	GSM 1900 ANT 2	0.172	0.093	/	/	/	/
	GSM 1900 ANT 4	0.064	0.077	/	/	/	/
	CDMA BC 0 ANT 2	0.164	0.112	/	/	/	/
	CDMA BC 0 ANT 3	0.415	0.161	/	/	/	/
	WCDMA 850 ANT 2	0.095	0.090	/	/	/	/
	WCDMA 850 ANT 3	0.340	0.287	/	/	/	/
	WCDMA 1700 ANT 2	0.156	0.121	/	/	/	/
	WCDMA 1700 ANT 4	0.119	0.100	/	/	/	/
	WCDMA 1900 ANT 2	0.059	0.053	/	/	/	/
	WCDMA 1900 ANT 4	0.135	0.147	/	/	/	/
	LTE Band 2 ANT 2	0.145	0.118	/	/	/	/
	LTE Band 2 ANT 4	0.105	0.187	/	/	/	/
	LTE Band 4 ANT 2	0.150	0.122	/	/	/	/
	LTE Band 4 ANT 4	0.053	0.094	/	/	/	/
	LTE Band 5 ANT 2	0.044	0.099	/	/	/	/
	LTE Band 5 ANT 3	0.131	0.134	/	/	/	/
	LTE Band 7 ANT 2	0.097	0.168	/	/	/	/
	LTE Band 7 ANT 4	0.085	0.126	/	/	/	/
	LTE Band 12 ANT 2	0.106	0.215	/	/	/	/
	LTE Band 12 ANT 3	0.132	0.137	/	/	/	/
	LTE Band 17 ANT 2	0.124	0.234	/	/	/	/
	LTE Band 17 ANT 3	0.143	0.164	/	/	/	/
	LTE Band 26 ANT 2	0.084	0.064	/	/	/	/
	LTE Band 26 ANT 3	0.175	0.191	/	/	/	/
	LTE Band 40A ANT 2	0.110	0.170	/	/	/	/
	LTE Band 40A ANT 4	0.209	0.274	/	/	/	/
	LTE Band 40B ANT 2	0.108	0.168	/	/	/	/
	LTE Band 40B ANT 4	0.204	0.268	/	/	/	/
	LTE Band 41 ANT 2	0.182	0.282	/	/	/	/
	LTE Band 41 ANT 4	0.093	0.122	/	/	/	/
	LTE Band 66 ANT 2	0.170	0.139	/	/	/	/
	LTE Band 66 ANT 4	0.060	0.106	/	/	/	/
	NR Band 2 ANT 4	0.390	0.771	/	/	/	/
	NR Band 5 ANT 2	0.039	0.044	/	/	/	/
	NR Band 7 ANT 4	0.199	0.222	/	/	/	/
	NR Band 26 ANT 2	0.059	0.055	/	/	/	/
	NR Band 41 ANT 1	0.107	0.095	/	/	/	/
	NR Band 66 ANT 4	0.108	0.186	/	/	/	/
	NR Band 77 ANT 1	0.055	0.087	/	/	/	/



	NR Band 78 ANT 1	0.132	0.151	/	/	/	/
	WWAN MAX SAR	0.415	0.771	/	/	/	/
	WIFI/BT MAX SAR	0.170	0.262	/	/	/	/
	Max Simultaneous Σ 10-g SAR(W/Kg) (WIFI/BT MAX SAR +WWAN ANT MAX SAR)	0.585	1.033	/	/	/	/



Simultaneous Tx Combination of GSM/WCDMA/LTE and WIFI (Hotspot).

Test Position		Front	Back	Left	Right	Top	Bottom
Hotspot MAX 1-g SAR(W/Kg)	GSM 850 ANT 2	0.059	0.056	0.100	/	0.083	/
	GSM 850 ANT 3	0.306	0.318	0.289	/	/	0.233
	GSM 1900 ANT 2	0.172	0.093	0.116	/	0.071	/
	GSM 1900 ANT 4	0.064	0.077	/	0.032	/	0.058
	CDMA BC 0 ANT 2	0.164	0.112	0.206	/	0.053	/
	CDMA BC 0 ANT 3	0.415	0.161	0.143	/	/	0.119
	WCDMA 850 ANT 2	0.095	0.090	0.139	/	0.020	/
	WCDMA 850 ANT 3	0.340	0.287	0.282	/	/	0.234
	WCDMA 1700 ANT 2	0.156	0.121	0.153	/	0.035	/
	WCDMA 1700 ANT 4	0.119	0.100	/	0.093	/	0.082
	WCDMA 1900 ANT 2	0.059	0.053	0.072	/	0.023	/
	WCDMA 1900 ANT 4	0.135	0.147	/	0.184		0.105
	LTE Band 2 ANT 2	0.145	0.118	0.188	/	0.046	/
	LTE Band 2 ANT 4	0.105	0.187	/	0.049	/	0.127
	LTE Band 4 ANT 2	0.150	0.122	0.194	/	0.047	/
	LTE Band 4 ANT 4	0.053	0.094	/	0.025	/	0.064
	LTE Band 5 ANT 2	0.044	0.099	0.157	/	0.026	/
	LTE Band 5 ANT 3	0.131	0.134	0.138	/	/	0.100
	LTE Band 7 ANT 2	0.097	0.168	0.241	/	0.047	/
	LTE Band 7 ANT 4	0.085	0.126	/	0.061	/	0.125
	LTE Band 12 ANT 2	0.106	0.215	0.339	/	0.050	/
	LTE Band 12 ANT 3	0.132	0.137	0.153	/	/	0.098
	LTE Band 17 ANT 2	0.124	0.234	0.367	/	0.054	/
	LTE Band 17 ANT 3	0.143	0.164	0.170	/	/	0.111
	LTE Band 26 ANT 2	0.084	0.064	0.214	/	0.035	/
	LTE Band 26 ANT 3	0.175	0.191	0.202	/	/	0.141
	LTE Band 40A ANT 2	0.110	0.170	0.244	/	0.041	/
	LTE Band 40A ANT 4	0.209	0.274	/	0.126	/	0.242
	LTE Band 40B ANT 2	0.108	0.168	0.240		0.041	/
	LTE Band 40B ANT 4	0.204	0.268	/	0.123	/	0.236
	LTE Band 41 ANT 2	0.182	0.282	0.403	/	0.068	/
	LTE Band 41 ANT 4	0.093	0.122	/	0.056		0.108
	LTE Band 66 ANT 2	0.170	0.139	0.221	/	0.054	/
	LTE Band 66 ANT 4	0.060	0.106	/	0.028	/	0.073
	NR Band 2 ANT 4	0.390	0.771	/	0.193	/	0.563
	NR Band 5 ANT 2	0.039	0.044	0.052	/	0.016	/
	NR Band 7 ANT 4	0.199	0.222	/	0.208	/	0.079
	NR Band 26 ANT 2	0.059	0.055	0.061	/	0.023	/
	NR Band 41 ANT 1	0.107	0.095	0.055	/	0.134	/
	NR Band 66 ANT 4	0.108	0.186	/	0.065	/	0.156
	NR Band 77 ANT 1	0.055	0.087	0.070	/	0.119	/



	NR Band 78 ANT 1	0.132	0.151	0.081	/	0.243	/
	WWAN MAX SAR	0.415	0.771	0.403	0.208	0.243	0.563
	WIFI/BT MAX SAR	0.170	0.262	/	0.186	0.165	/
	Max Simultaneous Σ 10-g SAR(W/Kg) (WIFI/BT MAX SAR +WWAN ANT MAX SAR)	0.585	1.033	0.403	0.394	0.408	0.563

SAR to Peak Location Separation Ratio (SPLSR)

As the Sum of the SAR is not greater than 1.6 W/kg SPLSR assessment is not required

13.Measurement Uncertainty

No.	Uncertainty Component	Type	Uncertainty Value (%)	Probability Distribution	k	ci	Standard Uncertainty (%) $u_i(\%)$	Degree of freedom ν_{eff} or ν_i
Measurement System								
1	- Probe Calibration	B	5.8	N	1	1	5.8	∞
2	- Axial isotropy	B	3.5	R	$\sqrt{3}$	0.5	1.43	∞
3	— Hemispherical Isotropy	B	5.9	R	$\sqrt{3}$	0.5	2.41	∞
4	- Boundary Effect	B	1	R	$\sqrt{3}$	1	0.58	∞
5	- Linearity	B	4.7	R	$\sqrt{3}$	1	2.71	∞
6	- System Detection Limits	B	1.0	R	$\sqrt{3}$	1	0.58	∞
7	Modulation response	B	3	N	1	1	3.00	
8	- Readout Electronics	B	0.5	N	1	1	0.50	∞
9	- Response Time	B	1.4	R	$\sqrt{3}$	1	0.81	∞
10	- Integration Time	B	3.0	R	$\sqrt{3}$	1	1.73	∞
11	- RF Ambient Conditions	B	3.0	R	$\sqrt{3}$	1	1.73	∞
12	- Probe Position Mechanical tolerance	B	1.4	R	$\sqrt{3}$	1	0.81	∞
13	- Probe Position with respect to Phantom Shell	B	1.4	R	$\sqrt{3}$	1	0.81	∞
14	- Extrapolation, Interpolation and Integration Algorithms for Max. SAR evaluation	B	2.3	R	$\sqrt{3}$	1	1.33	∞
Uncertainties of the DUT								



15	- Position of the DUT	A	2.6	N	$\sqrt{3}$	1	2.6	5
16	- Holder of the DUT	A	3	N	$\sqrt{3}$	1	3.0	5
17	- Output Power Variation – SAR drift measurement	B	5.0	R	$\sqrt{3}$	1	2.89	∞
Phantom and Tissue Parameters								
18	- Phantom Uncertainty(shape and thickness tolerances)	B	4	R	$\sqrt{3}$	1	2.31	∞
19	Uncertainty in SAR correction for deviation(in permittivity and conductivity)	B	2	N	1	1	2.00	
20	- Liquid Conductivity Target – tolerance	B	2.5	R	$\sqrt{3}$	0.6	1.95	∞
21	- Liquid Conductivity – measurement Uncertainty)	B	4	N	$\sqrt{3}$	1	0.92	9
22	- Liquid Permittivity Target tolerance	B	2.5	R	$\sqrt{3}$	0.6	1.95	∞
23	- Liquid Permittivity – measurement uncertainty	B	5	N	$\sqrt{3}$	1	1.15	∞
Combined Standard Uncertainty				RSS			10.63	
Expanded uncertainty (Confidence interval of 95 %)				K=2			21.26	



14. System Check Uncertainty

No.	Uncertainty Component	Type	Uncertainty Value (%)	Probability Distribution	k	ci	Standard Uncertainty (%) $u_i(\%)$	Degree of freedom ν_{eff} or ν_i
Measurement System								
1	- Probe Calibration	B	5.8	N	1	1	5.8	∞
2	- Axial isotropy	B	3.5	R	$\sqrt{3}$	0.5	1.43	∞
3	- Hemispherical Isotropy	B	5.9	R	$\sqrt{3}$	0.5	2.41	∞
4	- Boundary Effect	B	1	R	$\sqrt{3}$	1	0.58	∞
5	- Linearity	B	4.7	R	$\sqrt{3}$	1	2.71	∞
6	- System Detection Limits	B	1	R	$\sqrt{3}$	1	0.58	∞
7	Modulation response	B	0	N	1	1	0.00	
8	- Readout Electronics	B	0.5	N	1	1	0.50	∞
9	- Response Time	B	0.00	R	$\sqrt{3}$	1	0.00	∞
10	- Integration Time	B	1.4	R	$\sqrt{3}$	1	0.81	∞
11	- RF Ambient Conditions	B	3.0	R	$\sqrt{3}$	1	1.73	∞
12	- Probe Position Mechanical tolerance	B	1.4	R	$\sqrt{3}$	1	0.81	∞
13	- Probe Position with respect to Phantom Shell	B	1.4	R	$\sqrt{3}$	1	0.81	∞
14	- Extrapolation, Interpolation and Integration Algorithms for Max. SAR evaluation	B	2.3	R	$\sqrt{3}$	1	1.33	∞
Uncertainties of the DUT								



15	Deviation of experimental source from numerical source	A	4	N	1	1	4.00	5
16	Input Power and SAR drift measurement	A	5	R	$\sqrt{3}$	1	2.89	5
17	Dipole Axis to Liquid Distance	B	2	R	$\sqrt{3}$	1	1.2	∞
Phantom and Tissue Parameters								
18	- Phantom Uncertainty(shape and thickness tolerances)	B	4	R	$\sqrt{3}$	1	2.31	∞
19	Uncertainty in SAR correction for deviation(in permittivity and conductivity)	B	2	N	1	1	2.00	
20	- Liquid Conductivity Target – tolerance	B	2.5	R	$\sqrt{3}$	0.6	1.95	∞
21	- Liquid Conductivity – measurement Uncertainty)	B	4	N	$\sqrt{3}$	1	0.92	9
22	- Liquid Permittivity Target tolerance	B	2.5	R	$\sqrt{3}$	0.6	1.95	∞
23	- Liquid Permittivity – measurement uncertainty	B	5	N	$\sqrt{3}$	1	1.15	∞
Combined Standard Uncertainty				RSS			10.15	
Expanded uncertainty (Confidence interval of 95 %)				K=2			20.29	



15. Equipment List

This table is a complete overview of the SAR measurement equipment. Devices used during the test described are marked ☒.

	EQUIPMENT	Model	Serial number	Calibration Date	Due Date
☒	SAR Probe	SSE2	0523-EPGO-403	2023/02/14	2024/02/13
☒	Dipole	SID750	SN 23/15 DIP0G750-378	2023/05/24	2026/05/23
☒	Dipole	SID835	SN 09/13 DIP0G835-217	2023/05/24	2026/05/23
☒	Dipole	SID1800	SN 09/13 DIP1G800-216	2023/05/24	2026/05/23
☒	Dipole	SID1900	SN 09/13 DIP1G900-218	2023/05/24	2026/05/23
☒	Dipole	SID2300	SN 20/20 DIP2G300-525	2023/05/24	2026/05/23
☒	Dipole	SID2450	SN 09/13 DIP2G450-220	2023/05/24	2026/05/23
☒	Dipole	SID2600	SN 32/14 DIP2G600-338	2023/05/24	2026/05/23
☒	Dipole	SID3500	SN 50/20 DIP3G500-527	2023/05/24	2023/05/23
☒	Dipole	SID3700	SN 50/20 DIP3G700-528	2023/05/24	2023/05/23
☒	Dipole	SID3900	SN 50/20 DIP3G500-529	2023/05/24	2023/05/23
☒	Dipole	SWG5500	SN15/15 WGA39	2023/05/25	2026/05/24
☒	Multimeter	Keithley-2000	4014020	2023/02/20	2024/02/19
☒	System Simulator(R&S)	CMW500	130805	2023/07/13	2024/07/12
☒	KEYSIGHT	E7515A	MY56040357	2023/02/20	2024/02/19
☒	KEYSIGHT	E7515B	MY58120248	2023/02/20	2024/02/19
☒	Vector Network Analyzer(R&S)	ZVB8	100343	2023/02/20	2024/02/19
☒	PC 3.5 Fixed Match Calibration Kit	ZV-Z32	100571	2023/02/20	2024/02/19
☒	Dielectric Probe Kit	SCLMP	SN 09/13 OCPG51	2023/02/20	2024/02/19
☒	Signal Generator	SMU100A	177649	2023/02/20	2024/02/19
☒	Amplifier	Nucletudes	143060	2023/02/20	2024/02/19
☒	Directional Coupler	DC6180A	305827	2023/06/15	2024/06/14
☒	Power Meter	NRP2	103434	2023/02/20	2024/02/19



ANNEX A: Appendix A: SAR System performance Check Plots

(Please See Appendix A)

ANNEX B: Appendix B: SAR Measurement results Plots

(Please See Appendix B)

ANNEX C: Appendix C: Calibration reports

(Please See Appendix C)

ANNEX D: Appendix D: SAR Test Setup

(Please See Appendix D)

—End of the Report—