

TEST REPORT

Reference No...... : WTX22X05090003W
FCC ID : 2AHAF-MDT760V30
Applicant : TOPICON HK LIMITED
Address : Room 2314-2316, Tower C, Huangdu Plaza, Yitian Road, Futian District,
Shenzhen, China
Manufacturer : The same as Applicant
Address : The same as Applicant
Product Name : GPS
Model No...... : MDT760
FCC Part 2.1093
Standards : IEEE Std C95.1: 2019
IEEE Std C95.3: 2002 + Rev. 2008
IEEE 1528:2013
Date of Receipt sample : 2022-05-10
Date of Test..... : 2022-05-10 to 2022-06-15
Date of Issue : 2022-06-16
Test Report Form No. : WTX_IEEE_1528_2013W
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Report version

Version No.	Date of issue	Description
Rev.00	2022-06-16	Original
/	/	/

1. General Information

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT:	
Product Name:	GPS
Brand Name:	/
Model No.:	MDT760
Adding Model(s):	MDT761, MDT740, MDT741, MDT770, MDT780, OBC740, OBC760, M710A, M710AG, M710AB, M710AKB, M720A, M720B, M720AG, M720AB, M720AKB, MDT714D, MDT715D, X7(V2), TABX7V2, X8C, TABX8C, MDT860, MDT861, MDT840, MDT841, MDT870, MDT871, MDT880, MDT881, OBC860, 100822, 100783
Rated Voltage:	MDT760:DC3.7V MDT860:DC3.7V
Battery:	/
Software Version:	MDT760: mdt760_gms_1.8.6 MDT860: mdt860_gms_1.9.2
Hardware Version:	MDT760: MDT760_V30 MDT860: MDT760_V30
<i>Note: The test data is gathered from a production sample provided by the manufacturer. The appearance of others models listed in the report is different from main-test model MDT760, but the circuit and the electronic construction do not change, declared by the manufacturer.</i>	

Technical Characteristics of EUT:	
2G	
Support Networks:	GSM, GPRS, EDGE
Support Band:	GSM850/PCS1900
Uplink Frequency:	GSM/GPRS/EDGE 850: 824~849MHz GSM/GPRS/EDGE 1900: 1850~1910MHz
Downlink Frequency:	GSM/GPRS/EDGE 850: 869~894MHz GSM/GPRS/EDGE 1900: 1930~1990MHz
RF Output Power:	GSM850: 33.63dBm, GSM1900: 30.92dBm EDGE850: 27.71dBm, EDGE1900: 26.84dBm
Type of Modulation:	GMSK, 8PSK
Type of Antenna:	Integral Antenna
Antenna Gain:	GSM850: -2dBi; GSM1900: -2dBi
GPRS/EDGE Class:	Class 12
3G	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Band:	WCDMA Band 2, WCDMA Band 4, WCDMA Band 5
Uplink Frequency:	WCDMA Band 2: 1850~1910MHz WCDMA Band 4: 1710~1755MHz WCDMA Band 5: 824~849MHz
Downlink Frequency:	WCDMA Band 2: 1930~1990MHz WCDMA Band 4: 2110~2155MHz WCDMA Band 5: 869~894MHz
RF Output Power:	WCDMA Band 2: 24.08dBm, WCDMA Band 4: 23.69dBm WCDMA Band 5: 23.80dBm
Type of Modulation:	BPSK
Antenna Type:	Integral Antenna
Antenna Gain:	WCDMA Band 2: -2dBi, WCDMA Band 4: -2dBi, WCDMA Band 5: -2dBi
4G	
Support Networks:	FDD-LTE
Support Band:	FDD-LTE Band 2, 4, 5, 7, 12, 17, TDD-LTE Band 38, 40, 41
Uplink Frequency:	FDD-LTE Band 2: Tx: 1850-1910MHz, FDD-LTE Band 4: Tx: 1710-1755MHz, FDD-LTE Band 5: Tx: 824-849MHz, FDD-LTE Band 7: Tx: 2500-2570MHz, FDD-LTE Band 12: Tx: 699-716MHz, FDD-LTE Band 17: Tx: 704-716MHz TDD-LTE Band 38: Tx: 2570-2620MHz

	TDD-LTE Band 40: Tx: 2305-2315MHz TDD-LTE Band 40: Tx: 2350-2360MHz TDD-LTE Band 41: Tx: 2555-2655MHz
Downlink Frequency:	FDD-LTE Band 2: Rx: 1930-1990MHz, FDD-LTE Band 4: Rx: 2110-2155MHz, FDD-LTE Band 5: Rx: 869-894MHz, FDD-LTE Band 7: Rx: 2620-2690MHz, FDD-LTE Band 12: Rx: 729-746MHz, FDD-LTE Band 17: Rx: 734-746MHz TDD-LTE Band 38: Rx: 2570-2620MHz TDD-LTE Band 40: Tx: 2305-2315MHz TDD-LTE Band 40: Tx: 2350-2360MHz TDD-LTE Band 41: Tx: 2555-2655MHz
RF Output Power:	FDD-LTE Band 2: 24.32dBm, FDD-LTE Band 4: 23.98dBm, FDD-LTE Band 5: 23.64dBm, FDD-LTE Band 7: 23.97dBm, FDD-LTE Band 12: 23.81dBm, FDD-LTE Band 17: 23.59dBm, TDD-LTE Band 38: 24.48dBm, TDD-LTE Band 40(2305-2315): 24.30dBm, TDD-LTE Band 40(2350-2360): 24.41dBm, TDD-LTE Band 41: 24.19dBm,
Type of Modulation:	QPSK, 16QAM
Antenna Type:	Integral Antenna
Antenna Gain:	FDD-LTE Band 2: -2dBi, FDD-LTE Band 4: -2dBi, FDD-LTE Band 5: -2dBi, FDD-LTE Band 7: -2dBi, FDD-LTE Band 12: -2dBi, FDD-LTE Band 17: -2dBi TDD-LTE Band 38: -2dBi, TDD-LTE Band 40(2305-2315): -2dBi, TDD-LTE Band 40(2350-2360): -2dBi, TDD-LTE Band 41: -2dBi,
WIFI(2.4GHz)	
Support Standards:	802.11b, 802.11g, 802.11n
Frequency Range:	2412-2462MHz for 11b/g/n(HT20) 2422-2452MHz for 11n(HT40)
RF Output Power:	14.68dBm (Conducted)
Type of Modulation:	CCK, OFDM, QPSK, BPSK, 16QAM, 64QAM
Data Rate:	1-11Mbps, 6-54Mbps, up to 150Mbps
Quantity of Channels:	11 for 802.11b/g/n(HT20) 7 for 802.11n(HT40)
Channel Separation:	5MHz
Antenna Type:	Integral Antenna
Antenna Gain:	3dBi
Bluetooth	
Bluetooth Version:	V4.0

Frequency Range:	2402-2480MHz
RF Output Power:	6.518dBm (Conducted)
Data Rate:	1Mbps, 2Mbps, 3Mbps
Modulation:	GFSK, Pi/4 QDPSK, 8DPSK
Quantity of Channels:	79/40
Channel Separation:	1MHz/2MHz
Antenna Type:	Integral Antenna
Antenna Gain:	3dBi
NFC	
Support Standards:	NFC
Frequency Range:	13.56MHz
Max. Field Strength:	73.26dBuV/m (at 3m)
Antenna Type:	Integral Antenna
Antenna Gain:	2dBi
<i>Note: The Antenna Gain is provided by the customer and can affect the validity of results.</i>	

1.2 Test Standards

The following report is accordance with FCC 47 CFR Part 2.1093, IEEE Std C95.1: 2019, IEEE Std C95.3: 2002 + Rev. 2008, IEEE 1528:2013, KDB 447498 D01 v06, KDB 648474 D04 v01r03, KDB 248227 D01 v02r02, KDB 941225 D01 v03r01, KDB 941225 D05 v02r05 , and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

The objective is to determine compliance with FCC Part 2.1093 of the Federal Communication Commissions rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02. The public notice KDB 447498 D01 v06 for Mobile and Portable Devices RF Exposure Procedure also.

1.4 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) 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. The Designation Number is CN5010. Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

2. Summary of Test Results

The maximum results of Specific Absorption Rate (SAR) have found during testing are as follows:

MDT760:

Frequency Band	Body (0mm Gap)	SAR _{1g} Limit (W/kg)
	Maximum SAR _{1g} (W/kg)	
GSM	0.779	1.6
WCDMA	0.809	1.6
LTE	0.817	1.6
WLAN(2.4GHz)	0.369	1.6
Simultaneous Transmission	1.187	1.6

MDT860:

Frequency Band	Body (0mm Gap)	SAR _{1g} Limit (W/kg)
	Maximum SAR _{1g} (W/kg)	
GSM	0.751	1.6
WCDMA	0.791	1.6
LTE	0.746	1.6
WLAN(2.4GHz)	0.396	1.6
Simultaneous Transmission	1.188	1.6

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR Part 2.1093 and IEEE Std C95.1: 2019 and had been tested in accordance with the measurement methods and procedure specified in IEEE 1528:2013 and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02

3. Specific Absorption Rate (SAR)

3.1 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.

3.2 SAR Definition

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

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

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

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

$$\text{SAR} = C \left(\frac{\delta T}{\delta t} \right)$$

Where: C is the specific heat capacity, δT is the temperature rise and δt is 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. SAR Measurement System

4.1 The Measurement System

Comosar is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The Comosar system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue

The following figure shows the system.



The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The OpenSAR software computes the results to give a SAR value in a 1g or 10g mass.

4.2 Probe

For the measurements the Specific Dosimetric E-Field Probe SSE2 SN 45/15 EPGO280 with following specifications is used

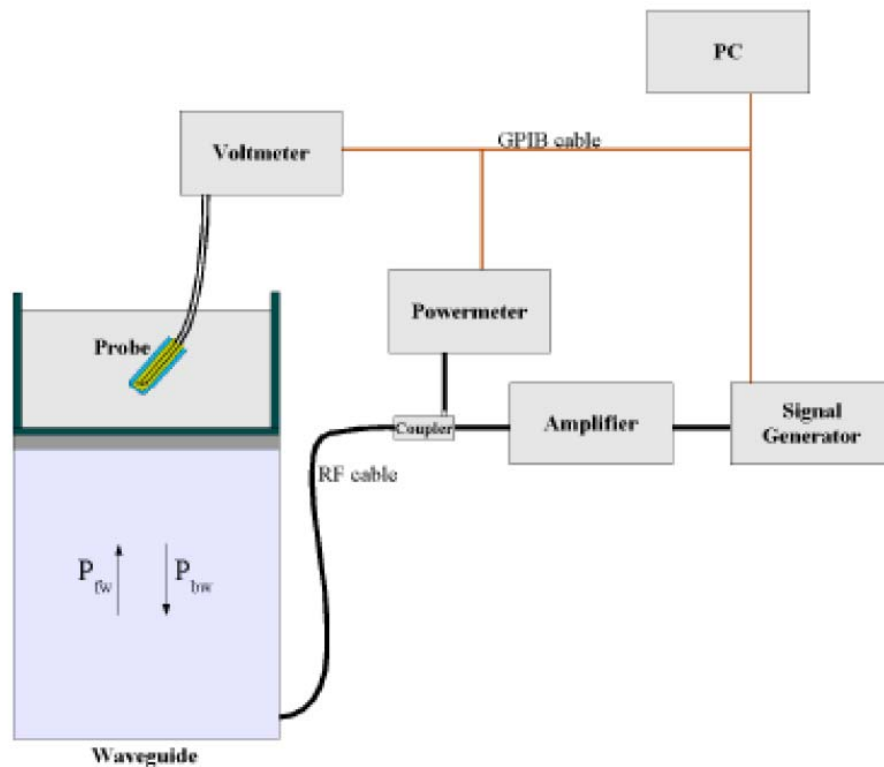
- Dynamic range: 0.01-100 W/kg
- Probe Length: 330 mm
- Length of Individual Dipoles: 4.5 mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter : 5 mm

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- Distance between dipoles / probe extremity: 2.7mm
- Probe linearity: <0.25 dB
- Axial Isotropy: <0.25 dB
- Spherical Isotropy: <0.50 dB
- Calibration range: 700 to 3000MHz for head & body simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°

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



$$SAR = \frac{4(P_{fw} - P_{bw})}{ab\delta} \cos^2\left(\pi \frac{y}{a}\right) e^{-(2z/\delta)}$$

Where :

P_{fw} = Forward Power

P_{bw} = Backward Power

a and b = Waveguide dimensions

δ = Skin depth

Keithley configuration:

Rate = Medium; Filter = ON; RDGS = 10; Filter type = Moving Average; Range auto after each calibration, a SAR measurement is performed on a validation dipole and compared with a NPL calibrated probe, to verify it.

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The calibration factors, CF(N), for the 3 sensors corresponding to dipole 1, dipole 2 and dipole 3 are:

$$CF(N)=SAR(N)/V_{lin}(N) \quad (N=1,2,3)$$

The linearised output voltage $V_{lin}(N)$ is obtained from the displayed output voltage $V(N)$ using

$$V_{lin}(N)=V(N)*(1+V(N)/DCP(N)) \quad (N=1,2,3)$$

where DCP is the diode compression point in mV.

4.3 Probe Calibration Process

Dosimetric Assessment Procedure

Each E-Probe/Probe Amplifier combination has unique calibration parameters. SATIMO Probe calibration procedure is conducted to determine the proper amplifier settings to enter in the probe parameters. The amplifier settings are determined for a given frequency by subjecting the probe to a known E-field density (1 mW/cm²) using an with CALISAR, Antenna proprietary calibration system.

Free Space Assessment Procedure

The free space E-field from amplified probe outputs is determined in a test chamber. This calibration can be performed in a TEM cell if the frequency is below 1 GHz and in a waveguide or other methodologies above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is rotated 360 degrees until the three channels show the maximum reading. The power density readings equates to 1mW/cm².

Temperature Assessment Procedure

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated head tissue. The E-field in the medium correlates with the temperature rise in the dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

Where:

$$SAR = C \frac{\Delta T}{\Delta t}$$

Δt = exposure time (30 seconds),

C = heat capacity of tissue (brain or muscle),

ΔT = temperature increase due to RF exposure.

SAR is proportional to $\Delta T / \Delta t$, the initial rate of tissue heating, before thermal diffusion takes place. The electric field in the simulated tissue can be used to estimate SAR by equating the thermally derived SAR to that with the E- field component.

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

Where:

σ = simulated tissue conductivity,

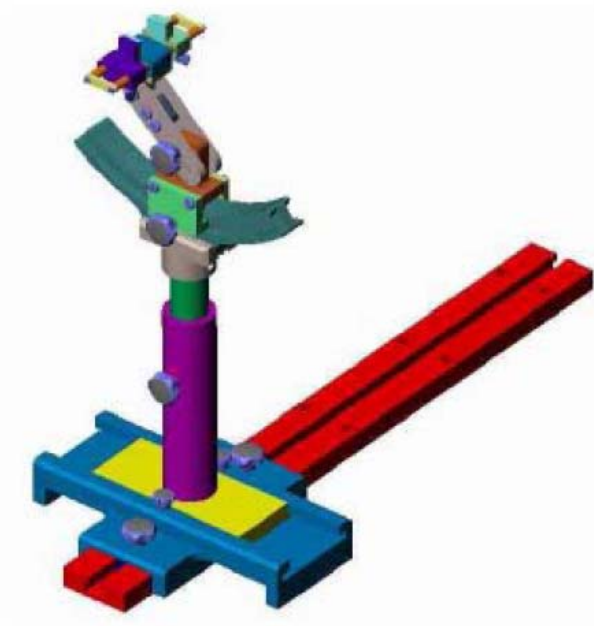
ρ = Tissue density (1.25 g/cm³ for brain tissue)

4.4 Phantom

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

4.5 Device Holder

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



System Material	Permittivity	Loss Tangent
Delrin	3.7	0.005

4.6 Test Equipment List

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
E-Field Probe	MVG	SSE2	SN 18/21 EPGO356	2021-07-16	2022-07-15
750MHz Dipole	MVG	SID750	SN 47/12 DIP 0G750-203	2020-03-11	2023-03-10
835MHz Dipole	MVG	SID835	SN 47/12 DIP 0G835-204	2020-03-11	2023-03-10
900MHz Dipole	MVG	SID900	SN 47/12 DIP 0G900-205	2020-03-11	2023-03-10
1800MHz Dipole	MVG	SID1800	SN 47/12 DIP 1G800-206	2020-03-11	2023-03-10
1900MHz Dipole	MVG	SID1900	SN 47/12 DIP 1G900-207	2020-03-11	2023-03-10
2000MHz Dipole	MVG	SID2000	SN 47/12 DIP 2G000-208	2020-03-11	2023-03-10
2300 MHz Dipole	MVG	SID2300	SN 50/20 DIP 2G300-513	2021-01-14	2024-01-13
2450MHz Dipole	MVG	SID2450	SN 13/15 DIP 2G450-364	2020-03-11	2023-03-10
2600MHz Dipole	MVG	SID2600	SN 28/21 DIP 2G600-590	2021-07-16	2024-07-15
5 GHz Dipole	MVG	SWG5500	SN 49/16 WGA45	2020-07-03	2023-07-02
Dielectric Probe	SATIMO	SCLMP	SN 47/12 OCPG49	2022-03-22	2023-03-21
SAM Phantom	SATIMO	SAM	SN/ 47/12 SAM95	N/A	N/A
Multi Meter	Keithley	Keithley 2000	4006367	2022-03-22	2023-03-21
Power meter	Keithley	3500	JC-2017-09-001	2022-03-22	2023-03-21
Power meter	Keithley	3500	JC-2017-09-001	2022-03-22	2023-03-21
Power Sensor	HP	11636B	JC-2017-10-002	2022-03-22	2023-03-21
MXG X-Series RF Vector Signal Generato	KEYSIGHT	N5182B	MY57300664	2022-03-22	2023-03-21
Universal Tester	Rohde & Schwarz	CMU200	112315	2022-03-22	2023-03-21
Universal Radio Communication Tester	Rohde & Schwarz	CMW500	148650	2022-03-22	2023-03-21
Network Analyzer	HP	8753C	2901A00831	2022-03-22	2023-03-21

5. Tissue Simulating Liquids

5.1 Composition of Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with SMTIMO, the phantom must be filled with around 25 liters of homogeneous body tissue simulating liquid. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. Please see the following photos for the liquid height.



Liquid Height for Head/Body SAR

The Composition of Tissue Simulating Liquid

Frequency (MHz)	Water (%)	Salt (%)	Sugar (%)	HEC (%)	Preventol (%)	DGBE (%)
Head/Body						
750	41.1	1.4	57.0	0.2	0.3	0
835	40.3	1.4	57.9	0.2	0.2	0
1700-1900	55.2	0.3	0	0	0	44.5
2450	55.0	0.1	0	0	0	44.9
2600	54.9	0.1	0	0	0	45.0

5.2 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 variations 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.

Target Frequency (MHz)	Head		Body	
	Conductivity (σ)	Permittivity (ϵ_r)	Conductivity (σ)	Permittivity (ϵ_r)
150	0.76	52.3	0.80	61.9
300	0.87	45.3	0.92	58.2
450	0.87	43.5	0.94	56.7
750	0.89	41.9	0.96	55.5
835	0.90	41.5	0.97	55.2
900	0.97	41.5	1.05	55.0
915	0.98	41.5	1.06	55.0
1450	1.20	40.5	1.30	54.0
1610	1.29	40.3	1.40	53.8
1800-2000	1.40	40.0	1.52	53.3
2300	1.67	39.5	1.81	52.9
2450	1.80	39.2	1.95	52.7
2600	1.96	39.0	2.16	52.5
3000	2.40	38.5	2.73	52.0
5200	4.66	36.0	5.30	49.0
5400	4.86	35.8	5.53	48.7
5600	5.07	35.5	5.77	48.5
5800	5.27	35.3	6.00	48.2

5.3 Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using COMOSAR Dielectric Probe Kit and an Agilent Network Analyzer.

Calibration Result for Dielectric Parameters of Tissue Simulating Liquid

Body Tissue Simulating Liquid									
Freq. MHz.	Temp. (°C)	Conductivity			Permittivity			Limit (%)	Date
		Reading (σ)	Target (σ)	Delta (%)	Reading (ϵ_r)	Target (ϵ_r)	Delta (%)		
750	22.2	0.94	0.96	-2.08	54.96	55.5	-0.97	± 5	2022-06-14
835	22.2	0.96	0.97	-1.03	54.85	55.2	-0.63	± 5	2022-06-14
900	22.2	1.06	1.05	0.95	55.16	55.0	0.29	± 5	2022-06-14
1800	22.2	1.53	1.52	0.66	54.51	53.3	2.27	± 5	2022-06-15
1900	22.2	1.53	1.52	0.66	54.42	53.3	2.10	± 5	2022-06-15
2300	22.2	1.79	1.81	-1.10	51.98	52.9	-1.74	± 5	2022-06-15
2450	22.2	1.94	1.95	-0.51	52.98	52.7	0.53	± 5	2022-06-15
2600	22.2	2.15	2.16	-0.46	52.24	52.5	-0.50	± 5	2022-06-15

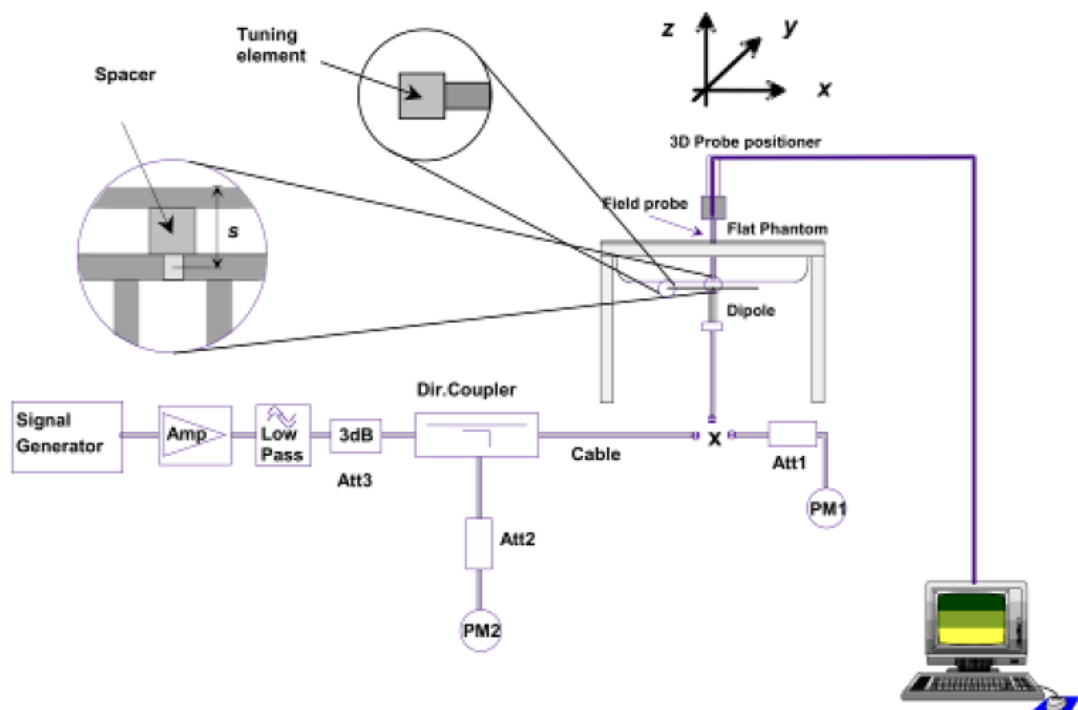
6. SAR Measurement Evaluation

6.1 Purpose of System Performance Check

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

6.2 System Setup

In the simplified setup for system evaluation, the EUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave which comes from a signal generator at frequency 835MHz, 1800MHz, 1900MHz, 2450MHz, 2600MHz, and 5GHz. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom.



System Verification Setup Block Diagram



Setup Photo of Dipole Antenna

The output power on dipole port must be calibrated to 24 dBm(250 mW) before dipole is connected.

The output power on 5 GHz Waveguide must be calibrated to 20 dBm (100mW) before 5 GHz Waveguide is connected.

6.3 Validation Results

Comparing to the original SAR value provided by SATIMO, the validation data should be within its specification of 10 %. Table 6.1 shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion.

Frequency	Targeted SAR _{1g}	Measured SAR _{1g}	Normalized SAR _{1g}	Tolerance	Date
MHz	(W/kg)	(W/kg)	(W/kg)	(%)	
Body					
750	8.40	2.18	8.72	3.81	2022-06-14
835	9.36	2.51	10.04	7.26	2022-06-14
900	10.84	2.74	10.96	1.11	2022-06-14
1800	38.29	9.46	37.84	-1.18	2022-06-15
1900	39.01	9.91	39.64	1.61	2022-06-15
2300	50.42	12.51	50.04	-0.75	2022-06-15
2450	50.33	12.59	50.36	0.06	2022-06-15
2600	55.79	13.54	54.16	-2.92	2022-06-15

Remark: Referring to IEEE 1528:2013 Section 8.2, The system check shall be performed at a test frequency that is within $\pm 10\%$ or ± 100 MHz of the compliance test mid-band frequency, so the 1750 MHz system verification is made of 1800MHz Dipole.

Targeted and Measurement SAR

Please refer to Annex A for the plots of system performance check.

7. EUT Testing Position

7.1 Define Two Imaginary Lines on The Handset

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

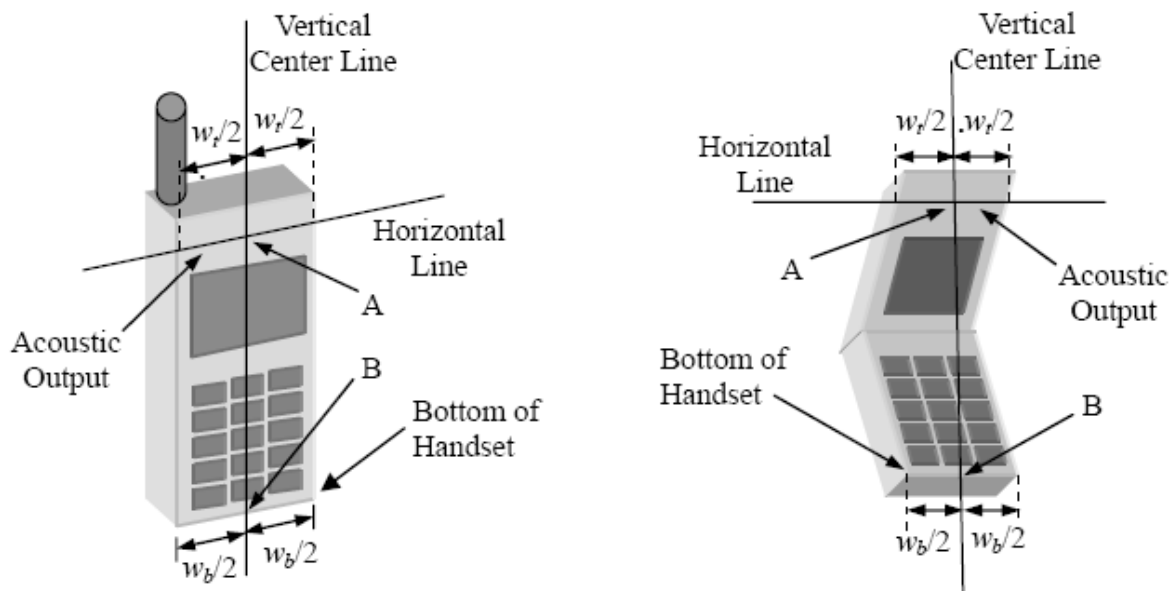


Illustration for Handset Vertical and Horizontal Reference Lines

7.2 Cheek Position

- (a) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- (b) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost (see Fig. 7.2).

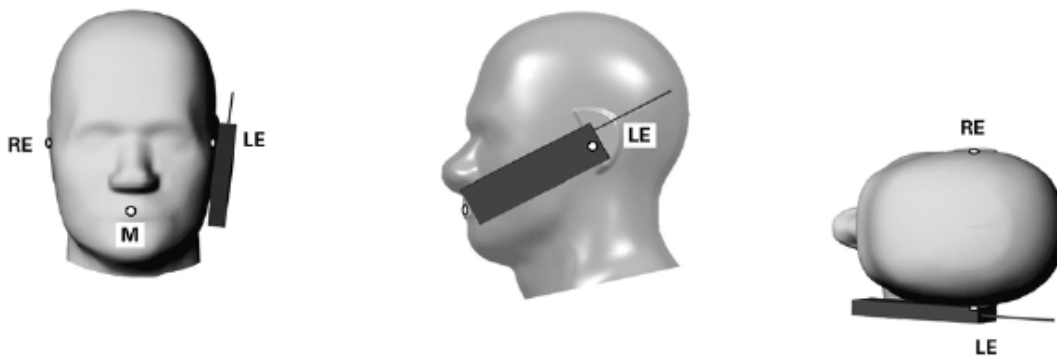


Illustration for Cheek Position

7.3 Tilted Position

- (a) To position the device in the “cheek” position described above.
- (b) While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost (see Fig. 7.3).

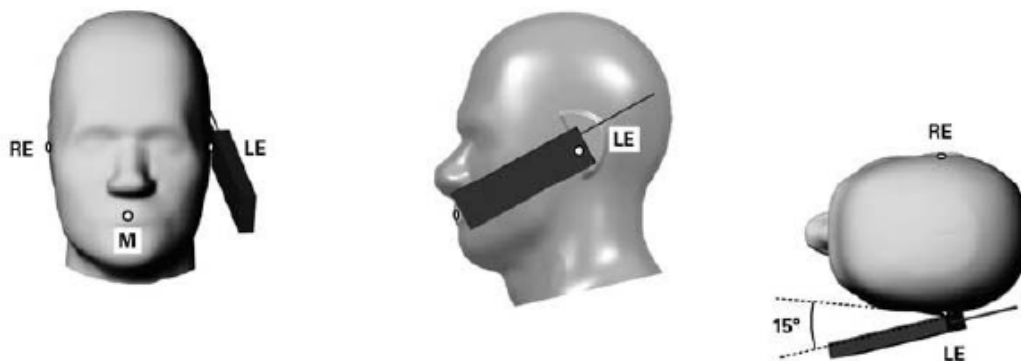


Illustration for Tilted Position

7.4 Body Position

- (a) To position the device parallel to the phantom surface with each side.
- (b) To adjust the device parallel to the flat phantom.
- (c) To adjust the distance between the device surface and the flat phantom to 0mm.

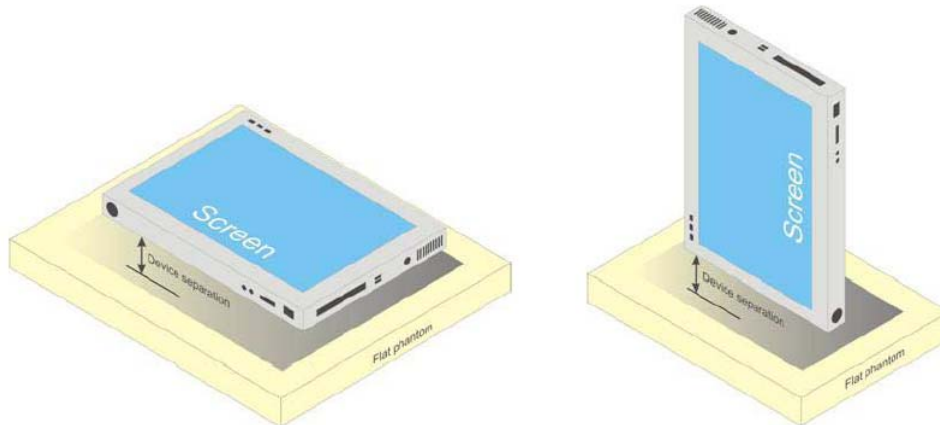
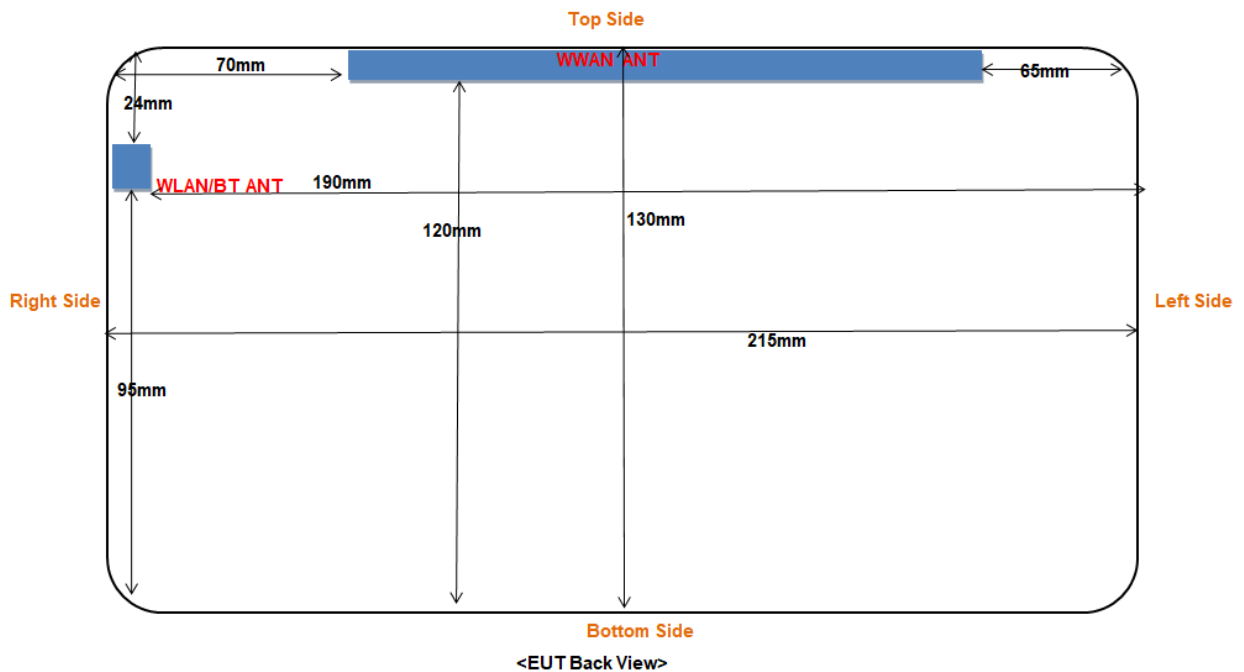


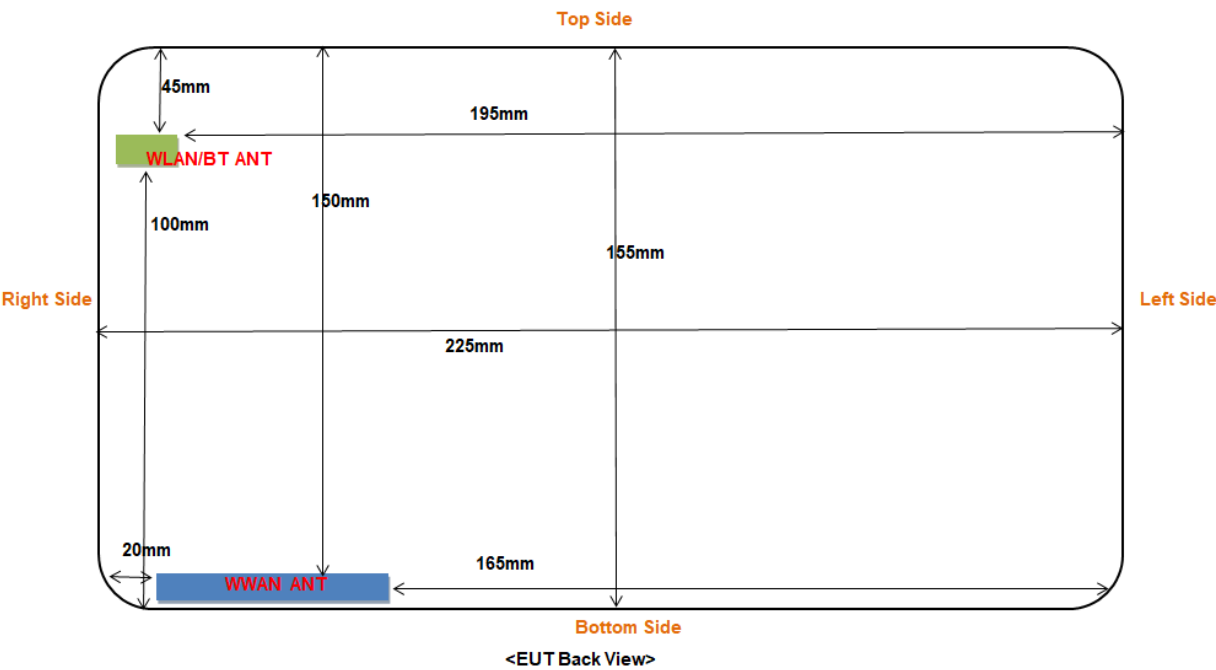
Illustration for Body Position

7.5 EUT Antenna Position

Model: MDT760



Model: MDT860



Block Diagram for EUT Antenna Position

Model: MDT760

Distance of EUT antenna-to-edge/surface(mm), Test distance:0mm						
Antennas	Back side	Front side	Left Edge	Right Edge	Top Edge	Bottom Edge
WWAN	<25	<25	65	70	<25	120
WLAN	<25	<25	190	<25	<25	95

Model: MDT860

Distance of EUT antenna-to-edge/surface(mm), Test distance:0mm						
Antennas	Back side	Front side	Left Edge	Right Edge	Top Edge	Bottom Edge
WWAN	<25	<25	165	<25	150	<25
WLAN	<25	<25	195	<25	45	100

7.6 EUT Testing Position

Body mode SAR assessments are required for this device. This EUT was tested in different positions for different SAR test modes, more information as below:

Model: MDT760

Body SAR tests, Test distance: 0mm						
Antennas	Front	Back	Left Side	Right Side	Top Side	Bottom Side
WWAN	/	Yes	No	No	Yes	No
WLAN	/	Yes	No	Yes	Yes	No

Model: MDT860

Body SAR tests, Test distance: 0mm						
Antennas	Front	Back	Left Side	Right Side	Top Side	Bottom Side
WWAN	/	Yes	No	Yes	No	Yes
WLAN	/	Yes	No	Yes	No	No

Remark:

- Referring to KDB 616217 D04 v01r02, KDB 248227 D01 v02r02 and KDB 447498 D01 v06, this device is overall diagonal dimension(>20cm) tablet, tested in direct contact (no gap) with flat phantom.
- For tablet with overall diagonal dimension >20cm, SAR testing for front surface of the display section is exempted according to KDB616217 D04.
- Referring to KDB 648474 D04 Handset SAR v01r03, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg

Please refer to Annex D for the EUT test setup photos.

8. SAR Measurement Procedures

8.1 Measurement Procedures

The measurement procedures are as follows:

- (a) Use base station simulator (if applicable) or engineering software to transmit RF power continuously (continuous Tx) in the highest power channel.
- (b) Keep EUT to radiate maximum output power or 100% factor (if applicable)
- (c) Measure output power through RF cable and power meter.
- (d) Place the EUT in the positions as Annex D demonstrates.
- (e) Set scan area, grid size and other setting on the SATIMO software.
- (f) Measure SAR results for the highest power channel on each testing position.
- (g) Find out the largest SAR result on these testing positions of each band
- (h) Measure SAR results for other channels in worst SAR testing position if the SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

- (a) Power reference measurement
- (b) Area scan
- (c) Zoom scan
- (d) Power drift measurement

8.2 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The SATIMO software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine. The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

- (a) Extraction of the measured data (grid and values) from the Zoom Scan
- (b) Calculation of the SAR value at every measurement point based on all stored data
- (c) Generation of a high-resolution mesh within the measured volume
- (d) Interpolation of all measured values from the measurement grid to the high-resolution grid
- (e) Extrapolation of the entire 3D field distribution to the phantom surface over the distance from sensor to surface
- (f) Calculation of the averaged SAR within masses of 1g and 10g

8.3 Area & Zoom Scan Procedures

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan measures 5x5x7 points with step size 8, 8 and 5 mm for 300 MHz to 3 GHz, and 8x8x8 points with step size 4, 4 and 2.5 mm for 3 GHz to 6 GHz. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g.

8.4 Volume Scan Procedures

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing (step-size is 4, 4 and 2.5 mm). When all volume scan were completed, the software can combine and subsequently superpose these measurement data to calculating the multiband SAR.

8.5 SAR Averaged Methods

The local SAR inside the phantom is measured using small dipole sensing elements inside a probe body. The probe tip must not be in contact with the phantom surface in order to minimize measurements errors, but the highest local SAR will occur at the surface of the phantom.

An extrapolation is using to determinate this highest local SAR values. The extrapolation is based on a fourth-order least-square polynomial fit of measured data. The local SAR value is then extrapolated from the liquid surface with a 1mm step.

The measurements have to be performed over a limited time (due to the duration of the battery) so the step of measurement is high. It could vary between 5 and 8 mm. To obtain an accurate assessment of the maximum SAR averaged over 10g and 1 g requires a very fine resolution in the three dimensional scanned data array.

8.6 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In SATIMO measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drift more than 5%, the SAR will be retested.

9. SAR Test Result

9.1 Conducted RF Output Power

GSM - Burst Average Power (dBm)								
Band	GSM850			Tune-up power (dBm)	PCS1900			Tune-up power (dBm)
Channel	128	190	251		512	661	810	
Frequency (MHz)	824.2	836.6	848.8		1850.2	1880	1909.8	
GSM	33.61	33.63	33.57	34.0	30.87	30.72	30.58	31.0
GPRS (1 slot)	33.55	33.56	33.50	34.0	30.92	30.75	30.64	31.0
GPRS (2 slots)	32.93	32.94	32.94	33.0	30.05	29.98	29.91	30.5
GPRS (3 slots)	31.20	31.2	31.12	31.5	28.03	28.12	28.15	28.5
GPRS (4 slots)	30.07	30.08	29.96	30.5	26.88	27.03	27.05	27.5
EDGE (1 slot)	27.50	27.71	27.68	28.0	26.38	26.72	26.84	27.0
EDGE (2 slots)	26.46	26.70	26.64	27.0	25.40	25.84	25.98	26.0
EDGE (3 slots)	24.53	24.77	24.61	25.0	23.62	24.02	24.18	24.5
EDGE (4 slots)	23.53	23.81	23.72	24.0	22.67	22.96	23.12	23.5

GSM - Source-Based Time-Average Power (dBm)								
Band	GSM850			Tune-up power (dBm)	PCS1900			Tune-up power (dBm)
Channel	128	190	251		512	661	810	
Frequency (MHz)	824.2	836.6	848.8		1850.2	1880	1909.8	
GSM	24.61	24.63	24.57	25.0	21.87	21.72	21.58	22.0
GPRS (1 slot)	24.55	24.56	24.50	25.0	21.92	21.75	21.64	22.0
GPRS (2 slots)	26.93	26.94	26.94	27.0	24.05	23.98	23.91	24.5
GPRS (3 slots)	26.95	26.95	26.87	27.0	23.78	23.87	23.90	24.0
GPRS (4 slots)	27.07	27.08	26.96	27.5	23.88	24.03	24.05	24.5
EDGE (1 slot)	18.50	18.71	18.68	19.0	17.38	17.72	17.84	18.0
EDGE (2 slots)	20.46	20.70	20.64	21.0	19.40	19.84	19.98	20.0
EDGE (3 slots)	20.28	20.52	20.36	21.0	19.37	19.77	19.93	20.0
EDGE (4 slots)	20.53	20.81	20.72	21.0	19.67	19.96	20.12	20.5

Note: The source-based time-averaged power is linearly scaled the maximum burst averaged power based on time slots. The calculated method are shown as below:

Source based time-average power = Burst averaged power - Duty cycle factor in dB

Duty cycle factor = 9 dB for 1 Tx slot, 6 dB for 2 Tx slots, 4.25 dB for 3 Tx slots, 3 dB for 4 Tx slots

Remark:

1. For Body SAR testing, GPRS should be evaluated; therefore the EUT was set in GPRS (4TX slots) for GSM850 and GPRS (4TX slots) for GSM1900 due to its highest source-based time-average power.
2. Per KDB 447498 D01 v06, the maximum output power channel is used for SAR testing and for further SAR test

reduction.

3. The DUT do not support DTM function.
4. The DUT do not support Hotspot function.

WCDMA - Average Power (dBm)								
Band	WCDMA Band II				WCDMA Band V			
Channel	9262	9400	9538	Tune-up power (dBm)	4132	4183	4233	Tune-up power (dBm)
Frequency (MHz)	1852.4	1880.0	1907.6		826.4	836.4	846.6	
RMC 12.2k	23.78	23.88	24.08	24.5	23.70	23.71	23.80	24.0
HSDPA Subtest-1	22.8	22.93	23.11	23.5	22.75	22.72	22.78	23.0
HSDPA Subtest-2	22.73	22.89	23.06	23.5	22.40	22.37	22.54	23.0
HSDPA Subtest-3	22.78	22.87	23.08	23.5	22.27	22.21	22.45	22.5
HSDPA Subtest-4	22.75	22.86	23.09	23.5	22.10	22.07	22.01	22.5
HSUPA Subtest-1	22.77	22.94	23.11	23.5	22.66	22.73	22.81	23.0
HSUPA Subtest-2	22.72	22.91	23.08	23.5	22.48	22.65	22.70	23.0
HSUPA Subtest-3	22.73	22.92	23.09	23.5	22.36	22.45	22.47	22.5
HSUPA Subtest-4	22.75	22.91	23.07	23.5	22.24	22.35	22.37	22.5
HSUPA Subtest-5	22.74	22.91	23.08	23.5	22.10	22.21	22.26	22.5

WCDMA - Average Power (dBm)				
Band	WCDMA Band VI			
Channel	1312	1412	1513	Tune-up power (dBm)
Frequency (MHz)	1712.4	1732.4	1752.6	
RMC 12.2k	23.69	23.57	23.43	24.0
HSDPA Subtest-1	22.68	22.63	22.44	23.0
HSDPA Subtest-2	22.56	22.54	22.35	23.0
HSDPA Subtest-3	22.34	22.41	22.25	22.5
HSDPA Subtest-4	22.15	22.17	22.16	22.5
HSUPA Subtest-1	22.64	22.58	22.34	23.0
HSUPA Subtest-2	22.48	22.5	22.21	23.0
HSUPA Subtest-3	22.35	22.35	22.19	22.5
HSUPA Subtest-4	22.27	22.26	22.04	22.5
HSUPA Subtest-5	22.14	22.14	22.00	22.5

Remark:

1. Per KDB 941225 D01 v03, the 12.2kbps RMC mode was selected for SAR testing (the primary mode).
2. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.72	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.78	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.74	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	24.01	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	24.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.97	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.87	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.82	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.82	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	24.09	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	24.08	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	24.17	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.91	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.97	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.12	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.01	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	24.21	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.23	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.23	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.03	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.94	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.80	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.78	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.82	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.83	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.94	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.85	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.16	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.86	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.95	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.92	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.90	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.92	PASS

Band2	1.4MHz	16QAM	19193	1RB#0	22.96	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.26	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.92	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	23.07	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.99	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.99	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.13	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.77	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.79	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.92	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.83	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.82	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.89	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.86	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.92	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.95	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.99	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.87	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.90	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.86	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.92	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.18	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.15	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.08	PASS
Band2	3MHz	QPSK	19185	8RB#0	23.11	PASS
Band2	3MHz	QPSK	19185	8RB#4	23.10	PASS
Band2	3MHz	QPSK	19185	8RB#7	23.13	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.05	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.89	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.92	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.87	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.95	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.93	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.95	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.90	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.85	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.80	PASS

Band2	3MHz	16QAM	18900	1RB#14	22.84	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.94	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.91	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.91	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.93	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.88	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.92	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.89	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.12	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.16	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.08	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.04	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.80	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.03	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.94	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.95	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.91	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.97	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.94	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.83	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.92	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.85	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.96	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.98	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.98	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.97	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.02	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.14	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.08	PASS
Band2	5MHz	QPSK	19175	12RB#0	23.15	PASS
Band2	5MHz	QPSK	19175	12RB#6	23.14	PASS
Band2	5MHz	QPSK	19175	12RB#13	23.06	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.11	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.77	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.95	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.86	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.95	PASS

Band2	5MHz	16QAM	18625	12RB#6	21.98	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.96	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.08	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.94	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.07	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.92	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.05	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.03	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.02	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.04	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.08	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.91	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.26	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.16	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.14	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.26	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.84	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.08	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.88	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.07	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.09	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.05	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.09	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.90	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.98	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.93	PASS
Band2	10MHz	QPSK	18900	25RB#0	23.01	PASS
Band2	10MHz	QPSK	18900	25RB#12	23.02	PASS
Band2	10MHz	QPSK	18900	25RB#25	23.05	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.07	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.15	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.27	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.10	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.18	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.21	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.12	PASS

Band2	10MHz	QPSK	19150	50RB#0	23.17	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.92	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.17	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.01	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.13	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.13	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.16	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.10	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.96	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.15	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.03	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.11	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.14	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.04	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.13	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.04	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.19	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.87	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.33	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.30	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.28	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.30	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.78	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.97	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.86	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.90	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.03	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.95	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.02	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.86	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.85	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.87	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.93	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.98	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.94	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.98	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.99	PASS

Band2	15MHz	QPSK	19125	1RB#38	24.06	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.89	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.17	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.17	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.03	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.26	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.88	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.94	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.90	PASS
Band2	15MHz	16QAM	18675	38RB#18	23.02	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.93	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.03	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.91	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.95	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.95	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.93	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.96	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.90	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.95	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.17	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.17	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.01	PASS
Band2	15MHz	16QAM	19125	38RB#0	23.16	PASS
Band2	15MHz	16QAM	19125	38RB#18	23.26	PASS
Band2	15MHz	16QAM	19125	38RB#37	23.03	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.21	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.62	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.06	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.71	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.10	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.05	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.01	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.04	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.71	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.05	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.78	PASS

Band2	20MHz	QPSK	18900	50RB#0	22.97	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.94	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.92	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.96	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.90	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.32	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.86	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.23	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.24	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.11	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.25	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.68	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.10	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.72	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.13	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.13	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.13	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.10	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.71	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.05	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.67	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.05	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.09	PASS
Band2	20MHz	16QAM	18900	50RB#50	22.02	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.05	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.06	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.38	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.96	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.38	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.36	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.27	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.30	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.75	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.90	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.74	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.85	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.57	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.51	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.57	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.76	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.51	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.61	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.61	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.64	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.52	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.79	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.81	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.19	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.40	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.39	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.42	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.76	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.93	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.57	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.24	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.31	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.20	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.76	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.35	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.54	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.45	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.45	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.46	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.38	PASS

Band4	1.4MHz	16QAM	20393	1RB#0	22.65	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.46	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.14	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.22	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.22	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.31	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.84	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.88	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.77	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.75	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.78	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.82	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.81	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.47	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.49	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.47	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.45	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.49	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.49	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.44	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.74	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.78	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.75	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.76	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.79	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.75	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.78	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.88	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.86	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.83	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.82	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.84	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.86	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.82	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.51	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.52	PASS

Band4	3MHz	16QAM	20175	1RB#14	22.47	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.50	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.56	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.46	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.52	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.78	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.83	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.83	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.82	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.84	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.79	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.76	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.83	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.92	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.74	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.84	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.76	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.83	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.87	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.48	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.61	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.40	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.51	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.53	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.44	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.49	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.78	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.88	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.60	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.81	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.79	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.48	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.69	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.76	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.83	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.73	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.76	PASS

Band4	5MHz	16QAM	19975	12RB#6	21.72	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.80	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.91	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.41	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.53	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.34	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.46	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.48	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.37	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.50	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.71	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.77	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.29	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.83	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.60	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.39	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.65	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.77	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.90	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.73	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.78	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.80	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.87	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.82	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.57	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.65	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.48	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.62	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.62	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.46	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.50	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.67	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.74	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.38	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.48	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.58	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.58	PASS

Band4	10MHz	QPSK	20350	50RB#0	22.67	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.86	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.93	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.73	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.83	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.84	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.92	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.84	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.37	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.47	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.29	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.63	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.62	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.53	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.54	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.75	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.53	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.31	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.62	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.62	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.57	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.47	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.73	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.77	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.47	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.81	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.83	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.50	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.73	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.46	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.44	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.30	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.55	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.52	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.39	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.57	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.56	PASS

Band4	15MHz	QPSK	20325	1RB#38	23.79	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.63	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.43	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.30	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.40	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.71	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.74	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.82	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.44	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.80	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.81	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.47	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.71	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.55	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.58	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.43	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.55	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.53	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.40	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.52	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.63	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.85	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.53	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.33	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.43	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.40	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.38	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.55	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.84	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.26	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.69	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.70	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.68	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.39	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.48	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.19	PASS

Band4	20MHz	QPSK	20175	50RB#0	22.67	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.60	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.32	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.53	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.42	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.98	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.53	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.71	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.55	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.68	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.44	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.77	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.19	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.76	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.72	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.61	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.63	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.50	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.73	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.35	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.65	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.67	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.56	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.33	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.70	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.43	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.80	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.68	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.63	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.60	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.38	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.47	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.30	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.48	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.48	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.46	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.54	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.54	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.57	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.59	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.60	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.54	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.21	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.26	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.21	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.49	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.35	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.31	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.37	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.37	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.38	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.43	PASS

Band5	1.4MHz	16QAM	20643	1RB#0	22.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.32	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.37	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.36	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.35	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.58	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.42	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.41	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.36	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.41	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.40	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.41	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.41	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.47	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.54	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.57	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.47	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.47	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.50	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.42	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.48	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.48	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.51	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.51	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.48	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.40	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.36	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.48	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.50	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.42	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.41	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.33	PASS

Band5	3MHz	16QAM	20525	1RB#14	22.37	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.47	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.47	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.48	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.43	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.57	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.57	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.55	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.58	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.59	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.55	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.58	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.39	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.52	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.41	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.42	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.38	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.41	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.42	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.36	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.53	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.40	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.46	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.48	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.49	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.51	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.62	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.47	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.56	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.57	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.50	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.58	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.33	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.40	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.34	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.41	PASS

Band5	5MHz	16QAM	20425	12RB#6	21.39	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.41	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.43	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.62	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.47	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.51	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.48	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.50	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.55	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.44	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.52	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.41	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.58	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.56	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.56	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.41	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.51	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.46	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.50	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.49	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.46	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.60	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.49	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.57	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.55	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.54	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.51	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.54	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.64	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.50	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.64	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.66	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.51	PASS

Band5	10MHz	QPSK	20600	50RB#0	22.55	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.41	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.56	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.47	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.49	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.49	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.53	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.53	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.33	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.43	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.39	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.59	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.59	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.56	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.58	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.70	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.59	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.67	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.65	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.56	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.62	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.90	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.46	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.35	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.45	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.41	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.38	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.46	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.50	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.69	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.53	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.61	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.62	PASS

Band7	5MHz	QPSK	21100	12RB#13	22.65	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.61	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.66	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.84	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.68	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.72	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.76	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.75	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.76	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.83	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.40	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.27	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.36	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.35	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.39	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.46	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.49	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.68	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.52	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.55	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.65	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.56	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.68	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.61	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.78	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.72	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.73	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.76	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.77	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.82	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.92	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.40	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.31	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.48	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.43	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.51	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.50	PASS

Band7	10MHz	QPSK	21100	1RB#0	23.49	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.67	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.52	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.69	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.64	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.68	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.66	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.57	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.83	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.70	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.81	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.77	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.78	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.80	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.48	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.61	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.41	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.45	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.47	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.52	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.47	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.60	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.79	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.67	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.71	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.68	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.79	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.76	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.68	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.92	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.70	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.82	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.79	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.78	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.83	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.87	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.43	PASS

Band7	15MHz	QPSK	20825	1RB#74	23.22	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.42	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.48	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.23	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.40	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.39	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.57	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.45	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.49	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.67	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.56	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.65	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.51	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.66	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.59	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.63	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.77	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.69	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.70	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.41	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.45	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.20	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.44	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.48	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.23	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.38	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.49	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.67	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.54	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.51	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.65	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.56	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.59	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.58	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.77	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.69	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.64	PASS

Band7	15MHz	16QAM	21375	38RB#18	22.74	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.69	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.64	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.69	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.56	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.06	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.29	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.23	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.27	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.30	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.22	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.97	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.25	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.59	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.62	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.67	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.37	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.74	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.43	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.58	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.55	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.62	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.61	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.22	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.35	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.98	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.22	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.26	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.28	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.28	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.14	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.71	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.24	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.64	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.68	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.75	PASS

Band7	20MHz	16QAM	21100	100RB#0	21.72	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.28	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.70	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.43	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.61	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.60	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.68	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.65	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.50	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.66	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.48	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.64	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.75	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.74	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.65	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.56	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.70	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.56	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.69	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.71	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.59	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.48	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.68	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.69	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.69	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.75	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.48	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.55	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.55	PASS

Band12	1.4MHz	16QAM	23017	3RB#3	22.50	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.72	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.63	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.47	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.53	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.51	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.53	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.48	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.25	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.50	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.28	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.42	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.40	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.40	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.62	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.73	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.68	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.65	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.67	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.62	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.64	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.65	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.66	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.68	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.57	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.57	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.60	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.56	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.58	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.54	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.55	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.55	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.54	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.58	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.58	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.53	PASS

Band12	3MHz	16QAM	23025	1RB#0	22.75	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.76	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.69	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.71	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.79	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.80	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.69	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.59	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.56	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.49	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.67	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.65	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.67	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.55	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.33	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.34	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.35	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.60	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.62	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.60	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.47	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.51	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.56	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.51	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.50	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.52	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.48	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.56	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.46	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.52	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.36	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.44	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.46	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.45	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.51	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.25	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.36	PASS

Band12	5MHz	QPSK	23155	1RB#24	23.27	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.40	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.41	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.31	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.37	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.45	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.50	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.45	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.50	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.49	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.54	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.40	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.44	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.34	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.45	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.48	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.51	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.55	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.34	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.43	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.36	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.46	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.49	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.42	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.38	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.44	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.81	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.39	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.57	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.57	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.60	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.60	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.49	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.51	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.38	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.55	PASS

Band12	10MHz	QPSK	23095	25RB#12	22.53	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.55	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.48	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.44	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.54	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.36	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.38	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.44	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.39	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.41	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.54	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.62	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.50	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.66	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.66	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.70	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.69	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.41	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.49	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.24	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.64	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.64	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.57	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.65	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.26	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.25	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.09	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.51	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.41	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.45	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.44	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.50	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.51	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.41	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.33	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.35	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.25	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.43	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.31	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.27	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.30	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.39	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.34	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.38	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.40	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.34	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.46	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.32	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.41	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.46	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.35	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.42	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.39	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.51	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.36	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.41	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.30	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.42	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.56	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.13	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.54	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.40	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.49	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.51	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.49	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.43	PASS

Band17	5MHz	16QAM	23825	1RB#0	22.30	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.36	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.26	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.46	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.48	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.35	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.55	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.51	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.59	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.39	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.51	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.51	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.47	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.49	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.46	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.53	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.47	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.45	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.45	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.41	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.43	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.49	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.55	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.40	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.45	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.45	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.42	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.40	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.57	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.62	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.43	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.55	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.58	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.52	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.51	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.38	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.34	PASS

Band17	10MHz	16QAM	23790	1RB#49	22.26	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.58	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.55	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.52	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.60	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.31	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.31	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.13	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.54	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.58	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.46	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.48	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.01	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.19	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.01	PASS
Band38	5MHz	QPSK	37775	12RB#0	23.12	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.09	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.08	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.07	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.93	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.08	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.92	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.01	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.96	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.10	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.28	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.05	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.14	PASS
Band38	5MHz	QPSK	38225	12RB#6	23.15	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.08	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.10	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.92	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.07	PASS

Band38	5MHz	16QAM	37775	1RB#24	22.92	PASS
Band38	5MHz	16QAM	37775	12RB#0	22.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	22.04	PASS
Band38	5MHz	16QAM	37775	12RB#13	22.01	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.05	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.93	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.07	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.94	PASS
Band38	5MHz	16QAM	38000	12RB#0	22.03	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.99	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.99	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.94	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.91	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.05	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.90	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.12	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.12	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.08	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.14	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.07	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.36	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.05	PASS
Band38	10MHz	QPSK	37800	25RB#0	23.16	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.14	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.09	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.12	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.09	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.33	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.06	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.06	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.07	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.01	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.99	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.09	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.43	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.09	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.16	PASS

Band38	10MHz	QPSK	38200	25RB#12	23.14	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.15	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.14	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.04	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.33	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.01	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.11	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.09	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.12	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.13	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.86	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.13	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.83	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.04	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.09	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.03	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.09	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.85	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.12	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.82	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.12	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.13	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.15	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.18	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.04	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.09	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.91	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.03	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.06	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.93	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.19	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.91	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.97	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.84	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.01	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.04	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.92	PASS

Band38	15MHz	QPSK	38000	75RB#0	23.09	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.01	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.12	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.76	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.84	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.68	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.24	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.01	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.08	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.93	PASS
Band38	15MHz	16QAM	37825	38RB#0	23.04	PASS
Band38	15MHz	16QAM	37825	38RB#18	23.07	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.91	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.07	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.01	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.04	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.93	PASS
Band38	15MHz	16QAM	38000	38RB#0	23.01	PASS
Band38	15MHz	16QAM	38000	38RB#18	23.05	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.92	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.04	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.79	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.85	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.73	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.76	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.83	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.73	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.15	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.93	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.48	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.77	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.07	PASS
Band38	20MHz	QPSK	37850	50RB#25	23.06	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.02	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.04	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.89	PASS

Band38	20MHz	QPSK	38000	1RB#49	24.30	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.79	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.98	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.99	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.94	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.95	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.78	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.29	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.81	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.07	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.10	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.99	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.07	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.78	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.23	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.67	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.01	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.02	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.04	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.94	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.34	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.86	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.99	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.02	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.94	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.98	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.61	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.10	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.60	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.12	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.13	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.09	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.04	PASS

Band 40(2305-2315MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	23.94	PASS
Band40	5MHz	QPSK	38725	1RB#12	24.06	PASS
Band40	5MHz	QPSK	38725	1RB#24	23.91	PASS
Band40	5MHz	QPSK	38725	12RB#0	22.86	PASS
Band40	5MHz	QPSK	38725	12RB#6	22.91	PASS
Band40	5MHz	QPSK	38725	12RB#13	22.88	PASS
Band40	5MHz	QPSK	38725	25RB#0	22.88	PASS
Band40	5MHz	QPSK	38750	1RB#0	23.85	PASS
Band40	5MHz	QPSK	38750	1RB#12	23.99	PASS
Band40	5MHz	QPSK	38750	1RB#24	23.85	PASS
Band40	5MHz	QPSK	38750	12RB#0	22.85	PASS
Band40	5MHz	QPSK	38750	12RB#6	22.87	PASS
Band40	5MHz	QPSK	38750	12RB#13	23.01	PASS
Band40	5MHz	QPSK	38750	25RB#0	22.83	PASS
Band40	5MHz	QPSK	38775	1RB#0	23.93	PASS
Band40	5MHz	QPSK	38775	1RB#12	24.03	PASS
Band40	5MHz	QPSK	38775	1RB#24	23.89	PASS
Band40	5MHz	QPSK	38775	12RB#0	22.90	PASS
Band40	5MHz	QPSK	38775	12RB#6	22.89	PASS
Band40	5MHz	QPSK	38775	12RB#13	22.86	PASS
Band40	5MHz	QPSK	38775	25RB#0	22.81	PASS
Band40	5MHz	16QAM	38725	1RB#0	22.79	PASS
Band40	5MHz	16QAM	38725	1RB#12	22.92	PASS
Band40	5MHz	16QAM	38725	1RB#24	22.78	PASS
Band40	5MHz	16QAM	38725	12RB#0	21.81	PASS
Band40	5MHz	16QAM	38725	12RB#6	21.84	PASS
Band40	5MHz	16QAM	38725	12RB#13	21.87	PASS
Band40	5MHz	16QAM	38725	25RB#0	21.89	PASS
Band40	5MHz	16QAM	38750	1RB#0	22.88	PASS
Band40	5MHz	16QAM	38750	1RB#12	23.00	PASS
Band40	5MHz	16QAM	38750	1RB#24	22.86	PASS
Band40	5MHz	16QAM	38750	12RB#0	21.88	PASS
Band40	5MHz	16QAM	38750	12RB#6	21.87	PASS
Band40	5MHz	16QAM	38750	12RB#13	21.86	PASS

Band40	5MHz	16QAM	38750	25RB#0	21.79	PASS
Band40	5MHz	16QAM	38775	1RB#0	22.77	PASS
Band40	5MHz	16QAM	38775	1RB#12	22.89	PASS
Band40	5MHz	16QAM	38775	1RB#24	22.74	PASS
Band40	5MHz	16QAM	38775	12RB#0	21.86	PASS
Band40	5MHz	16QAM	38775	12RB#6	21.85	PASS
Band40	5MHz	16QAM	38775	12RB#13	21.80	PASS
Band40	5MHz	16QAM	38775	25RB#0	21.84	PASS
Band40	10MHz	QPSK	38750	1RB#0	24.00	PASS
Band40	10MHz	QPSK	38750	1RB#24	24.30	PASS
Band40	10MHz	QPSK	38750	1RB#49	23.98	PASS
Band40	10MHz	QPSK	38750	25RB#0	22.94	PASS
Band40	10MHz	QPSK	38750	25RB#12	22.93	PASS
Band40	10MHz	QPSK	38750	25RB#25	22.87	PASS
Band40	10MHz	QPSK	38750	50RB#0	22.90	PASS
Band40	10MHz	16QAM	38750	1RB#0	22.77	PASS
Band40	10MHz	16QAM	38750	1RB#24	23.08	PASS
Band40	10MHz	16QAM	38750	1RB#49	22.74	PASS
Band40	10MHz	16QAM	38750	25RB#0	21.90	PASS
Band40	10MHz	16QAM	38750	25RB#12	21.93	PASS
Band40	10MHz	16QAM	38750	25RB#25	21.89	PASS
Band40	10MHz	16QAM	38750	50RB#0	21.92	PASS

Band 40(2350-2360MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	39175	1RB#0	24.09	PASS
Band40	5MHz	QPSK	39175	1RB#12	24.20	PASS
Band40	5MHz	QPSK	39175	1RB#24	24.09	PASS
Band40	5MHz	QPSK	39175	12RB#0	22.99	PASS
Band40	5MHz	QPSK	39175	12RB#6	23.01	PASS
Band40	5MHz	QPSK	39175	12RB#13	22.97	PASS
Band40	5MHz	QPSK	39175	25RB#0	23.00	PASS
Band40	5MHz	QPSK	39200	1RB#0	24.02	PASS
Band40	5MHz	QPSK	39200	1RB#12	24.14	PASS
Band40	5MHz	QPSK	39200	1RB#24	24.05	PASS
Band40	5MHz	QPSK	39200	12RB#0	23.06	PASS

Band40	5MHz	QPSK	39200	12RB#6	23.07	PASS
Band40	5MHz	QPSK	39200	12RB#13	23.01	PASS
Band40	5MHz	QPSK	39200	25RB#0	23.08	PASS
Band40	5MHz	QPSK	39225	1RB#0	24.00	PASS
Band40	5MHz	QPSK	39225	1RB#12	24.12	PASS
Band40	5MHz	QPSK	39225	1RB#24	24.04	PASS
Band40	5MHz	QPSK	39225	12RB#0	23.06	PASS
Band40	5MHz	QPSK	39225	12RB#6	23.08	PASS
Band40	5MHz	QPSK	39225	12RB#13	23.05	PASS
Band40	5MHz	QPSK	39225	25RB#0	23.03	PASS
Band40	5MHz	16QAM	39175	1RB#0	22.97	PASS
Band40	5MHz	16QAM	39175	1RB#12	23.06	PASS
Band40	5MHz	16QAM	39175	1RB#24	22.98	PASS
Band40	5MHz	16QAM	39175	12RB#0	24.02	PASS
Band40	5MHz	16QAM	39175	12RB#6	21.95	PASS
Band40	5MHz	16QAM	39175	12RB#13	21.94	PASS
Band40	5MHz	16QAM	39175	25RB#0	21.95	PASS
Band40	5MHz	16QAM	39200	1RB#0	22.90	PASS
Band40	5MHz	16QAM	39200	1RB#12	23.02	PASS
Band40	5MHz	16QAM	39200	1RB#24	22.92	PASS
Band40	5MHz	16QAM	39200	12RB#0	22.01	PASS
Band40	5MHz	16QAM	39200	12RB#6	22.00	PASS
Band40	5MHz	16QAM	39200	12RB#13	22.02	PASS
Band40	5MHz	16QAM	39200	25RB#0	22.05	PASS
Band40	5MHz	16QAM	39225	1RB#0	23.02	PASS
Band40	5MHz	16QAM	39225	1RB#12	23.12	PASS
Band40	5MHz	16QAM	39225	1RB#24	23.08	PASS
Band40	5MHz	16QAM	39225	12RB#0	22.06	PASS
Band40	5MHz	16QAM	39225	12RB#6	22.05	PASS
Band40	5MHz	16QAM	39225	12RB#13	22.08	PASS
Band40	5MHz	16QAM	39225	25RB#0	22.01	PASS
Band40	10MHz	QPSK	39200	1RB#0	24.09	PASS
Band40	10MHz	QPSK	39200	1RB#24	24.41	PASS
Band40	10MHz	QPSK	39200	1RB#49	24.14	PASS
Band40	10MHz	QPSK	39200	25RB#0	23.10	PASS
Band40	10MHz	QPSK	39200	25RB#12	23.10	PASS
Band40	10MHz	QPSK	39200	25RB#25	23.10	PASS

Band40	10MHz	QPSK	39200	50RB#0	23.08	PASS
Band40	10MHz	16QAM	39200	1RB#0	22.86	PASS
Band40	10MHz	16QAM	39200	1RB#24	23.18	PASS
Band40	10MHz	16QAM	39200	1RB#49	22.88	PASS
Band40	10MHz	16QAM	39200	25RB#0	22.09	PASS
Band40	10MHz	16QAM	39200	25RB#12	22.12	PASS
Band40	10MHz	16QAM	39200	25RB#25	22.12	PASS
Band40	10MHz	16QAM	39200	50RB#0	22.14	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	23.63	PASS
Band41	5MHz	QPSK	40265	1RB#12	23.74	PASS
Band41	5MHz	QPSK	40265	1RB#24	23.63	PASS
Band41	5MHz	QPSK	40265	12RB#0	22.64	PASS
Band41	5MHz	QPSK	40265	12RB#6	22.65	PASS
Band41	5MHz	QPSK	40265	12RB#13	22.61	PASS
Band41	5MHz	QPSK	40265	25RB#0	22.60	PASS
Band41	5MHz	QPSK	40740	1RB#0	23.55	PASS
Band41	5MHz	QPSK	40740	1RB#12	23.67	PASS
Band41	5MHz	QPSK	40740	1RB#24	23.57	PASS
Band41	5MHz	QPSK	40740	12RB#0	22.63	PASS
Band41	5MHz	QPSK	40740	12RB#6	22.63	PASS
Band41	5MHz	QPSK	40740	12RB#13	22.60	PASS
Band41	5MHz	QPSK	40740	25RB#0	22.56	PASS
Band41	5MHz	QPSK	41215	1RB#0	23.83	PASS
Band41	5MHz	QPSK	41215	1RB#12	24.02	PASS
Band41	5MHz	QPSK	41215	1RB#24	23.95	PASS
Band41	5MHz	QPSK	41215	12RB#0	22.85	PASS
Band41	5MHz	QPSK	41215	12RB#6	22.83	PASS
Band41	5MHz	QPSK	41215	12RB#13	22.76	PASS
Band41	5MHz	QPSK	41215	25RB#0	22.78	PASS
Band41	5MHz	16QAM	40265	1RB#0	22.49	PASS
Band41	5MHz	16QAM	40265	1RB#12	22.60	PASS
Band41	5MHz	16QAM	40265	1RB#24	22.49	PASS
Band41	5MHz	16QAM	40265	12RB#0	21.55	PASS
Band41	5MHz	16QAM	40265	12RB#6	21.54	PASS

Band41	5MHz	16QAM	40265	12RB#13	21.53	PASS
Band41	5MHz	16QAM	40265	25RB#0	21.61	PASS
Band41	5MHz	16QAM	40740	1RB#0	22.58	PASS
Band41	5MHz	16QAM	40740	1RB#12	22.67	PASS
Band41	5MHz	16QAM	40740	1RB#24	22.58	PASS
Band41	5MHz	16QAM	40740	12RB#0	21.72	PASS
Band41	5MHz	16QAM	40740	12RB#6	21.64	PASS
Band41	5MHz	16QAM	40740	12RB#13	21.66	PASS
Band41	5MHz	16QAM	40740	25RB#0	21.61	PASS
Band41	5MHz	16QAM	41215	1RB#0	22.59	PASS
Band41	5MHz	16QAM	41215	1RB#12	22.72	PASS
Band41	5MHz	16QAM	41215	1RB#24	22.59	PASS
Band41	5MHz	16QAM	41215	12RB#0	21.86	PASS
Band41	5MHz	16QAM	41215	12RB#6	21.86	PASS
Band41	5MHz	16QAM	41215	12RB#13	21.70	PASS
Band41	5MHz	16QAM	41215	25RB#0	21.81	PASS
Band41	10MHz	QPSK	40290	1RB#0	23.65	PASS
Band41	10MHz	QPSK	40290	1RB#24	23.90	PASS
Band41	10MHz	QPSK	40290	1RB#49	23.60	PASS
Band41	10MHz	QPSK	40290	25RB#0	22.71	PASS
Band41	10MHz	QPSK	40290	25RB#12	22.72	PASS
Band41	10MHz	QPSK	40290	25RB#25	22.66	PASS
Band41	10MHz	QPSK	40290	50RB#0	22.67	PASS
Band41	10MHz	QPSK	40740	1RB#0	23.68	PASS
Band41	10MHz	QPSK	40740	1RB#24	23.96	PASS
Band41	10MHz	QPSK	40740	1RB#49	23.68	PASS
Band41	10MHz	QPSK	40740	25RB#0	22.73	PASS
Band41	10MHz	QPSK	40740	25RB#12	22.69	PASS
Band41	10MHz	QPSK	40740	25RB#25	22.68	PASS
Band41	10MHz	QPSK	40740	50RB#0	22.71	PASS
Band41	10MHz	QPSK	41190	1RB#0	23.76	PASS
Band41	10MHz	QPSK	41190	1RB#24	24.15	PASS
Band41	10MHz	QPSK	41190	1RB#49	23.91	PASS
Band41	10MHz	QPSK	41190	25RB#0	22.89	PASS
Band41	10MHz	QPSK	41190	25RB#12	22.90	PASS
Band41	10MHz	QPSK	41190	25RB#25	22.78	PASS
Band41	10MHz	QPSK	41190	50RB#0	22.83	PASS

Band41	10MHz	16QAM	40290	1RB#0	22.60	PASS
Band41	10MHz	16QAM	40290	1RB#24	22.85	PASS
Band41	10MHz	16QAM	40290	1RB#49	22.59	PASS
Band41	10MHz	16QAM	40290	25RB#0	21.64	PASS
Band41	10MHz	16QAM	40290	25RB#12	21.67	PASS
Band41	10MHz	16QAM	40290	25RB#25	21.61	PASS
Band41	10MHz	16QAM	40290	50RB#0	21.66	PASS
Band41	10MHz	16QAM	40740	1RB#0	22.46	PASS
Band41	10MHz	16QAM	40740	1RB#24	22.73	PASS
Band41	10MHz	16QAM	40740	1RB#49	22.49	PASS
Band41	10MHz	16QAM	40740	25RB#0	21.74	PASS
Band41	10MHz	16QAM	40740	25RB#12	21.76	PASS
Band41	10MHz	16QAM	40740	25RB#25	21.71	PASS
Band41	10MHz	16QAM	40740	50RB#0	21.72	PASS
Band41	10MHz	16QAM	41190	1RB#0	22.49	PASS
Band41	10MHz	16QAM	41190	1RB#24	22.81	PASS
Band41	10MHz	16QAM	41190	1RB#49	22.52	PASS
Band41	10MHz	16QAM	41190	25RB#0	21.93	PASS
Band41	10MHz	16QAM	41190	25RB#12	21.95	PASS
Band41	10MHz	16QAM	41190	25RB#25	21.79	PASS
Band41	10MHz	16QAM	41190	50RB#0	21.85	PASS
Band41	15MHz	QPSK	40315	1RB#0	23.61	PASS
Band41	15MHz	QPSK	40315	1RB#38	23.68	PASS
Band41	15MHz	QPSK	40315	1RB#74	23.57	PASS
Band41	15MHz	QPSK	40315	38RB#0	22.59	PASS
Band41	15MHz	QPSK	40315	38RB#18	22.62	PASS
Band41	15MHz	QPSK	40315	38RB#37	22.54	PASS
Band41	15MHz	QPSK	40315	75RB#0	22.77	PASS
Band41	15MHz	QPSK	40740	1RB#0	23.50	PASS
Band41	15MHz	QPSK	40740	1RB#38	23.66	PASS
Band41	15MHz	QPSK	40740	1RB#74	23.48	PASS
Band41	15MHz	QPSK	40740	38RB#0	22.64	PASS
Band41	15MHz	QPSK	40740	38RB#18	22.70	PASS
Band41	15MHz	QPSK	40740	38RB#37	22.61	PASS
Band41	15MHz	QPSK	40740	75RB#0	22.74	PASS
Band41	15MHz	QPSK	41165	1RB#0	23.76	PASS
Band41	15MHz	QPSK	41165	1RB#38	23.82	PASS

Band41	15MHz	QPSK	41165	1RB#74	23.83	PASS
Band41	15MHz	QPSK	41165	38RB#0	22.48	PASS
Band41	15MHz	QPSK	41165	38RB#18	22.59	PASS
Band41	15MHz	QPSK	41165	38RB#37	22.44	PASS
Band41	15MHz	QPSK	41165	75RB#0	22.95	PASS
Band41	15MHz	16QAM	40315	1RB#0	22.59	PASS
Band41	15MHz	16QAM	40315	1RB#38	22.62	PASS
Band41	15MHz	16QAM	40315	1RB#74	22.54	PASS
Band41	15MHz	16QAM	40315	38RB#0	22.58	PASS
Band41	15MHz	16QAM	40315	38RB#18	22.66	PASS
Band41	15MHz	16QAM	40315	38RB#37	22.51	PASS
Band41	15MHz	16QAM	40315	75RB#0	21.69	PASS
Band41	15MHz	16QAM	40740	1RB#0	22.66	PASS
Band41	15MHz	16QAM	40740	1RB#38	22.71	PASS
Band41	15MHz	16QAM	40740	1RB#74	22.58	PASS
Band41	15MHz	16QAM	40740	38RB#0	22.65	PASS
Band41	15MHz	16QAM	40740	38RB#18	22.72	PASS
Band41	15MHz	16QAM	40740	38RB#37	22.59	PASS
Band41	15MHz	16QAM	40740	75RB#0	21.72	PASS
Band41	15MHz	16QAM	41165	1RB#0	22.45	PASS
Band41	15MHz	16QAM	41165	1RB#38	22.56	PASS
Band41	15MHz	16QAM	41165	1RB#74	22.44	PASS
Band41	15MHz	16QAM	41165	38RB#0	22.46	PASS
Band41	15MHz	16QAM	41165	38RB#18	22.54	PASS
Band41	15MHz	16QAM	41165	38RB#37	22.48	PASS
Band41	15MHz	16QAM	41165	75RB#0	21.92	PASS
Band41	20MHz	QPSK	40340	1RB#0	23.51	PASS
Band41	20MHz	QPSK	40340	1RB#49	23.93	PASS
Band41	20MHz	QPSK	40340	1RB#99	23.43	PASS
Band41	20MHz	QPSK	40340	50RB#0	22.67	PASS
Band41	20MHz	QPSK	40340	50RB#25	22.65	PASS
Band41	20MHz	QPSK	40340	50RB#50	22.65	PASS
Band41	20MHz	QPSK	40340	100RB#0	22.67	PASS
Band41	20MHz	QPSK	40740	1RB#0	23.39	PASS
Band41	20MHz	QPSK	40740	1RB#49	23.92	PASS
Band41	20MHz	QPSK	40740	1RB#99	23.46	PASS
Band41	20MHz	QPSK	40740	50RB#0	22.64	PASS

Band41	20MHz	QPSK	40740	50RB#25	22.63	PASS
Band41	20MHz	QPSK	40740	50RB#50	22.60	PASS
Band41	20MHz	QPSK	40740	100RB#0	22.66	PASS
Band41	20MHz	QPSK	41140	1RB#0	23.54	PASS
Band41	20MHz	QPSK	41140	1RB#49	24.19	PASS
Band41	20MHz	QPSK	41140	1RB#99	23.72	PASS
Band41	20MHz	QPSK	41140	50RB#0	22.72	PASS
Band41	20MHz	QPSK	41140	50RB#25	22.77	PASS
Band41	20MHz	QPSK	41140	50RB#50	22.67	PASS
Band41	20MHz	QPSK	41140	100RB#0	22.74	PASS
Band41	20MHz	16QAM	40340	1RB#0	22.51	PASS
Band41	20MHz	16QAM	40340	1RB#49	23.00	PASS
Band41	20MHz	16QAM	40340	1RB#99	22.52	PASS
Band41	20MHz	16QAM	40340	50RB#0	21.67	PASS
Band41	20MHz	16QAM	40340	50RB#25	21.60	PASS
Band41	20MHz	16QAM	40340	50RB#50	21.66	PASS
Band41	20MHz	16QAM	40340	100RB#0	21.68	PASS
Band41	20MHz	16QAM	40740	1RB#0	22.30	PASS
Band41	20MHz	16QAM	40740	1RB#49	22.80	PASS
Band41	20MHz	16QAM	40740	1RB#99	22.30	PASS
Band41	20MHz	16QAM	40740	50RB#0	21.69	PASS
Band41	20MHz	16QAM	40740	50RB#25	21.71	PASS
Band41	20MHz	16QAM	40740	50RB#50	21.61	PASS
Band41	20MHz	16QAM	40740	100RB#0	21.65	PASS
Band41	20MHz	16QAM	41140	1RB#0	22.63	PASS
Band41	20MHz	16QAM	41140	1RB#49	23.14	PASS
Band41	20MHz	16QAM	41140	1RB#99	22.60	PASS
Band41	20MHz	16QAM	41140	50RB#0	21.89	PASS
Band41	20MHz	16QAM	41140	50RB#25	21.87	PASS
Band41	20MHz	16QAM	41140	50RB#50	21.78	PASS
Band41	20MHz	16QAM	41140	100RB#0	21.79	PASS

Remark:

1. Per KDB941225 D05 v02r05, Start with the largest channel bandwidth then measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle, and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output

power for that channel. 6 When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2. Per KDB941225 D05 v02r05, The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

3. Per KDB941225 D05 v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations, and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

4. Per KDB941225 D05 v02r05, For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in 5.2.1, 5.2.2, and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

WLAN(2.4GHz)					
Test Mode	Data Rate	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
802.11b	11Mbps	CH 01	2412	14.68	15.0
		CH 06	2437	14.68	15.0
		CH 11	2462	13.91	14.0
802.11g	54Mbps	CH 01	2412	13.44	13.5
		CH 06	2437	12.84	13.0
		CH 11	2462	12.62	13.0
802.11n (20MHz)	MCS7	CH 01	2412	12.17	12.5
		CH 06	2437	12.13	12.5
		CH 11	2462	11.68	12.0
802.11n (40MHz)	MCS7	CH 03	2422	11.14	11.5
		CH 06	2437	10.52	11.0
		CH 09	2452	10.90	11.0

Remark:

1. Per KDB 248227 D01 v02r02, For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.
2. Per KDB 248227 D01 v02r02, For 802.11b DSSS SAR measurements ,when the reported SAR of the highest measured maximum output power channel (see 3.1) for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.
- 3 .For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is ≤ 1.2 W/kg.

Bluetooth			
Test Mode	Data Rate	Conducted Power (dBm)	Tune- up power (dBm)
GFSK	1Mbps	6.518	7.0
4* π 4DQPSK	2Mbps	5.969	6.0
8DPSK	3Mbps	5.795	6.0

Bluetooth			
Test Mode	Channel(MHz)	Conducted Power (dBm)	Tune- up power (dBm)
BLE	2402	-4.052	-4.0
	2440	-3.747	-3.5
	2480	-3.571	-3.5

NFC			
Test Mode	Channel(MHz)	Conducted Power (dBm)	Tune- up power (dBm)
NFC	13.56	-33.74	-33.5

Remark:

Bluetooth/NFC maximum output power is 6.518dBm *respectively*, and Maximum Tune-Up output power is 7.0dBm *respectively*,. Per KDB 447498 D01 V06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,¹⁶ where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

Bluetooth:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
7.0	5.01	5	2.480	1.58	3

NFC:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
-33.5	0.00045	5	0.01356	0.00001	3

The exclusion thresholds is $1.58 < 3$, therefore, the RF exposure evaluation is not required.

9.2 Test Results for Standalone SAR Test

MDT760:

Body SAR

GSM850 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Back Face	190	836.6	33.63	34.0	1.089	0.626	0.682
1.	GPRS_4TX	Back Face	190	836.6	30.08	30.5	1.102	0.679	0.748
	GPRS_4TX	Top Side	190	836.6	30.08	30.5	1.102	0.528	0.582

GSM1900 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Back Face	512	1850.2	30.87	31.0	1.030	0.732	0.754
2.	GPRS_4TX	Back Face	810	1909.8	27.05	27.5	1.109	0.702	0.779
	GPRS_4TX	Top Side	810	1909.8	27.05	27.5	1.109	0.634	0.703

WCDMA Band 2 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
3.	RMC 12.2k	Back Face	9538	1907.6	24.08	24.5	1.102	0.728	0.802
	RMC 12.2k	Top Side	9538	1907.6	24.08	24.5	1.102	0.459	0.506
	RMC 12.2k	Back Face	9262	1852.4	23.78	24.5	1.180	0.651	0.768
	RMC 12.2k	Back Face	9400	1880.0	23.88	24.5	1.153	0.674	0.777

WCDMA Band 4 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
4.	RMC 12.2k	Back Face	1312	1712.4	23.69	24.0	1.074	0.753	0.809
	RMC 12.2k	Top Side	1312	1712.4	23.69	24.0	1.074	0.567	0.609
	RMC 12.2k	Back Face	1412	1732.4	23.57	24.0	1.104	0.721	0.796
	RMC 12.2k	Back Face	1513	1752.6	23.43	24.0	1.140	0.703	0.802

WCDMA Band 5 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
5.	RMC 12.2k	Back Face	4233	846.6	23.80	24.0	1.047	0.697	0.730
	RMC 12.2k	Top Side	4233	846.6	23.80	24.0	1.047	0.498	0.521

LTE Band 2–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
6.	QPSK 20MHz 1RB	Back Face	1900	24.32	24.5	1.042	0.752	0.784
	QPSK 20MHz 1RB	Top Side	1900	24.32	24.5	1.042	0.632	0.659
	QPSK 20MHz 50%RB	Back Face	1900	24.32	24.5	1.042	0.662	0.690
	QPSK 20MHz 50%RB	Top Side	1900	24.32	24.5	1.042	0.511	0.533

LTE Band 4–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
7.	QPSK 20MHz 1RB	Back Face	1745.0	23.98	24.0	1.005	0.755	0.758
	QPSK 20MHz 1RB	Top Side	1745.0	23.98	24.0	1.005	0.598	0.601
	QPSK 20MHz 50%RB	Back Face	1745.0	23.98	24.0	1.005	0.619	0.622
	QPSK 20MHz 50%RB	Top Side	1745.0	23.98	24.0	1.005	0.431	0.433

LTE Band 5–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
8.	QPSK 10MHz 1RB	Back Face	844.0	23.64	24.0	1.086	0.704	0.765
	QPSK 10MHz 1RB	Top Side	844.0	23.64	24.0	1.086	0.602	0.654
	QPSK 10MHz 50%RB	Back Face	844.0	23.64	24.0	1.086	0.627	0.681
	QPSK 10MHz 50%RB	Top Side	844.0	23.64	24.0	1.086	0.530	0.576

LTE Band 7–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
9.	QPSK 20MHz 1RB	Back Face	2535.0	23.97	24.0	1.007	0.647	0.651
	QPSK 20MHz 1RB	Top Side	2535.0	23.97	24.0	1.007	0.437	0.440
	QPSK 20MHz 50%RB	Back Face	2535.0	23.97	24.0	1.007	0.580	0.584
	QPSK 20MHz 50%RB	Top Side	2535.0	23.97	24.0	1.007	0.357	0.359

LTE Band 12–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
10.	QPSK 10MHz 1RB	Back Face	704.0	23.81	24.0	1.045	0.672	0.702
	QPSK 10MHz 1RB	Top Side	704.0	23.81	24.0	1.045	0.546	0.570
	QPSK 10MHz 50%RB	Back Face	704.0	23.81	24.0	1.045	0.535	0.559
	QPSK 10MHz 50%RB	Top Side	704.0	23.81	24.0	1.045	0.433	0.452

LTE Band 17–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
11.	QPSK 10MHz 1RB	Back Face	709.0	23.59	24.0	1.099	0.743	0.817
	QPSK 10MHz 1RB	Top Side	709.0	23.59	24.0	1.099	0.609	0.669
	QPSK 10MHz 1RB	Back Face	710.0	23.53	24.0	1.114	0.732	0.816
	QPSK 10MHz 1RB	Back Face	713.5	23.55	24.0	1.109	0.709	0.786
	QPSK 10MHz 50%RB	Back Face	709.0	23.59	24.0	1.099	0.602	0.662
	QPSK 10MHz 50%RB	Top Side	709.0	23.59	24.0	1.099	0.523	0.575

LTE Band 38–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
12.	QPSK 20MHz 1RB	Back Face	2580.0	24.48	24.5	1.005	0.754	0.757
	QPSK 20MHz 1RB	Top Side	2580.0	24.48	24.5	1.005	0.611	0.614
	QPSK 20MHz 50%RB	Back Face	2580.0	24.48	24.5	1.005	0.688	0.691
	QPSK 20MHz 50%RB	Top Side	2580.0	24.48	24.5	1.005	0.538	0.540

LTE Band 40(2305-2315MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
13.	QPSK 10MHz 1RB	Back Face	2310.0	24.30	24.5	1.047	0.725	0.759
	QPSK 10MHz 1RB	Top Side	2310.0	24.30	24.5	1.047	0.655	0.686
	QPSK 10MHz 50%RB	Back Face	2310.0	24.30	24.5	1.047	0.529	0.554
	QPSK 10MHz 50%RB	Top Side	2310.0	24.30	24.5	1.047	0.422	0.442

LTE Band 40(2350-2360MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
14.	QPSK 10MHz 1RB	Back Face	2355.0	24.41	24.5	1.021	0.539	0.550
	QPSK 10MHz 1RB	Top Side	2355.0	24.41	24.5	1.021	0.413	0.422
	QPSK 10MHz 50%RB	Back Face	2355.0	24.41	24.5	1.021	0.448	0.457
	QPSK 10MHz 50%RB	Top Side	2355.0	24.41	24.5	1.021	0.357	0.364

LTE Band 41–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
15.	QPSK 20MHz 1RB	Back Face	2645.0	24.19	24.5	1.074	0.758	0.814
	QPSK 20MHz 1RB	Top Side	2645.0	24.19	24.5	1.074	0.659	0.708
	QPSK 20MHz 1RB	Back Face	2565.0	23.93	24.0	1.016	0.728	0.740
	QPSK 20MHz 1RB	Back Face	2605.0	23.92	24.0	1.019	0.734	0.748
	QPSK 20MHz 50%RB	Back Face	2645.0	24.19	24.5	1.074	0.608	0.653
	QPSK 20MHz 50%RB	Top Side	2645.0	24.19	24.5	1.074	0.438	0.470

WLAN 2.4GHz –Body SAR Test									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
16.	802.11b	Back Face	06	2437	14.68	15.0	1.076	0.343	0.369
	802.11b	Right Side	06	2437	14.68	15.0	1.076	0.209	0.225
	802.11b	Top Side	06	2437	14.68	15.0	1.076	0.234	0.252
	802.11b	Back Face	01	2412	14.68	15.0	1.076	0.319	0.343
	802.11b	Right Side	01	2412	14.68	15.0	1.076	0.201	0.216
	802.11b	Top Side	01	2412	14.68	15.0	1.076	0.216	0.233

MDT860:
Body SAR

GSM850 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Back Face	190	836.6	33.63	34.0	1.089	0.415	0.452
17.	GPRS_4TX	Back Face	190	836.6	30.08	30.5	1.102	0.479	0.528
	GPRS_4TX	Right Side	190	836.6	30.08	30.5	1.102	0.354	0.390
	GPRS_4TX	Bottom Side	190	836.6	30.08	30.5	1.102	0.281	0.310

GSM1900 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Back Face	512	1850.2	30.87	31.0	1.030	0.711	0.733
18.	GPRS_4TX	Back Face	810	1909.8	27.05	27.5	1.109	0.677	0.751
	GPRS_4TX	Right Side	810	1909.8	27.05	27.5	1.109	0.354	0.393
	GPRS_4TX	Bottom Side	810	1909.8	27.05	27.5	1.109	0.213	0.236

WCDMA Band 2 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
19.	RMC 12.2k	Back Face	9538	1907.6	24.08	24.5	1.102	0.718	0.791
	RMC 12.2k	Right Side	9538	1907.6	24.08	24.5	1.102	0.623	0.686
	RMC 12.2k	Bottom Side	9538	1907.6	24.08	24.5	1.102	0.349	0.384

WCDMA Band 4 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
20.	RMC 12.2k	Back Face	1312	1712.4	23.69	24.0	1.074	0.512	0.550
	RMC 12.2k	Right Side	1312	1712.4	23.69	24.0	1.074	0.364	0.391
	RMC 12.2k	Bottom Side	1312	1712.4	23.69	24.0	1.074	0.211	0.227

WCDMA Band 5 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
21.	RMC 12.2k	Back Face	4233	846.6	23.80	24.0	1.047	0.673	0.705
	RMC 12.2k	Right Side	4233	846.6	23.80	24.0	1.047	0.451	0.472
	RMC 12.2k	Bottom Side	4233	846.6	23.80	24.0	1.047	0.328	0.343

LTE Band 2–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Freque ncy	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
22.	QPSK 20MHz 1RB	Back Face	1900	24.32	24.5	1.042	0.563	0.587
	QPSK 20MHz 1RB	Right Side	1900	24.32	24.5	1.042	0.412	0.429
	QPSK 20MHz 1RB	Bottom Side	1900	24.32	24.5	1.042	0.375	0.391
	QPSK 20MHz 50%RB	Back Face	1900	24.32	24.5	1.042	0.471	0.491
	QPSK 20MHz 50%RB	Right Side	1900	24.32	24.5	1.042	0.322	0.336
	QPSK 20MHz 50%RB	Bottom Side	1900	24.32	24.5	1.042	0.264	0.275

LTE Band 4–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power	Rated Limit	Scaling	SAR1g	Scaled
	Modulation, Bandwidth, RB	Body	MHz	(dBm)	(dBm)	Factor	(W/kg)	SAR1g (W/kg)
23.	QPSK 20MHz 1RB	Back Face	1745.0	23.98	24.0	1.005	0.619	0.622
	QPSK 20MHz 1RB	Right Side	1745.0	23.98	24.0	1.005	0.588	0.591
	QPSK 20MHz 1RB	Bottom Side	1745.0	23.98	24.0	1.005	0.396	0.398
	QPSK 20MHz 50%RB	Back Face	1745.0	23.98	24.0	1.005	0.502	0.504
	QPSK 20MHz 50%RB	Right Side	1745.0	23.98	24.0	1.005	0.475	0.477
	QPSK 20MHz 50%RB	Bottom Side	1745.0	23.98	24.0	1.005	0.293	0.294

LTE Band 5–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Freque ncy	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
24.	QPSK 10MHz 1RB	Back Face	844.0	23.64	24.0	1.086	0.440	0.478
	QPSK 10MHz 1RB	Right Side	844.0	23.64	24.0	1.086	0.358	0.389
	QPSK 10MHz 1RB	Bottom Side	844.0	23.64	24.0	1.086	0.285	0.310
	QPSK 10MHz 50%RB	Back Face	844.0	23.64	24.0	1.086	0.314	0.341
	QPSK 10MHz 50%RB	Right Side	844.0	23.64	24.0	1.086	0.220	0.239
	QPSK 10MHz 50%RB	Bottom Side	844.0	23.64	24.0	1.086	0.198	0.215

LTE Band 7–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
25.	QPSK 20MHz 1RB	Back Face	2535.0	23.97	24.0	1.007	0.741	0.746
	QPSK 20MHz 1RB	Right Side	2535.0	23.97	24.0	1.007	0.666	0.671
	QPSK 20MHz 1RB	Bottom Side	2535.0	23.97	24.0	1.007	0.499	0.502
	QPSK 20MHz 50%RB	Back Face	2535.0	23.97	24.0	1.007	0.614	0.618
	QPSK 20MHz 50%RB	Right Side	2535.0	23.97	24.0	1.007	0.566	0.570
	QPSK 20MHz 50%RB	Bottom Side	2535.0	23.97	24.0	1.007	0.380	0.383

LTE Band 12–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
26.	QPSK 10MHz 1RB	Back Face	704.0	23.81	24.0	1.045	0.739	0.772
	QPSK 10MHz 1RB	Right Side	704.0	23.81	24.0	1.045	0.550	0.575
	QPSK 10MHz 1RB	Bottom Side	704.0	23.81	24.0	1.045	0.444	0.464
	QPSK 10MHz 50%RB	Back Face	704.0	23.81	24.0	1.045	0.655	0.684
	QPSK 10MHz 50%RB	Right Side	704.0	23.81	24.0	1.045	0.459	0.480
	QPSK 10MHz 50%RB	Bottom Side	704.0	23.81	24.0	1.045	0.322	0.336

LTE Band 17–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
27.	QPSK 10MHz 1RB	Back Face	709.0	23.59	24.0	1.099	0.611	0.671
	QPSK 10MHz 1RB	Right Side	709.0	23.59	24.0	1.099	0.598	0.657
	QPSK 10MHz 1RB	Bottom Side	709.0	23.59	24.0	1.099	0.392	0.431
	QPSK 10MHz 50%RB	Back Face	709.0	23.59	24.0	1.099	0.516	0.567
	QPSK 10MHz 50%RB	Right Side	709.0	23.59	24.0	1.099	0.435	0.478
	QPSK 10MHz 50%RB	Bottom Side	709.0	23.59	24.0	1.099	0.299	0.329

LTE Band 38–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
28.	QPSK 20MHz 1RB	Back Face	2580.0	24.48	24.5	1.005	0.521	0.523
	QPSK 20MHz 1RB	Right Side	2580.0	24.48	24.5	1.005	0.359	0.361
	QPSK 20MHz 1RB	Bottom Side	2580.0	24.48	24.5	1.005	0.257	0.258
	QPSK 20MHz 50%RB	Back Face	2580.0	24.48	24.5	1.005	0.413	0.415
	QPSK 20MHz 50%RB	Right Side	2580.0	24.48	24.5	1.005	0.229	0.230
	QPSK 20MHz 50%RB	Bottom Side	2580.0	24.48	24.5	1.005	0.199	0.200

LTE Band 40(2305-2315MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
29.	QPSK 10MHz 1RB	Back Face	2310.0	24.30	24.5	1.047	0.640	0.670
	QPSK 10MHz 1RB	Right Side	2310.0	24.30	24.5	1.047	0.459	0.481
	QPSK 10MHz 1RB	Bottom Side	2310.0	24.30	24.5	1.047	0.365	0.382
	QPSK 10MHz 50%RB	Back Face	2310.0	24.30	24.5	1.047	0.528	0.553
	QPSK 10MHz 50%RB	Right Side	2310.0	24.30	24.5	1.047	0.332	0.348
	QPSK 10MHz 50%RB	Bottom Side	2310.0	24.30	24.5	1.047	0.259	0.271

LTE Band 40(2350-2360MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
30.	QPSK 10MHz 1RB	Back Face	2355.0	24.41	24.5	1.021	0.693	0.708
	QPSK 10MHz 1RB	Right Side	2355.0	24.41	24.5	1.021	0.421	0.430
	QPSK 10MHz 1RB	Bottom Side	2355.0	24.41	24.5	1.021	0.351	0.358
	QPSK 10MHz 50%RB	Back Face	2355.0	24.41	24.5	1.021	0.518	0.529
	QPSK 10MHz 50%RB	Right Side	2355.0	24.41	24.5	1.021	0.330	0.337
	QPSK 10MHz 50%RB	Bottom Side	2355.0	24.41	24.5	1.021	0.211	0.215

LTE Band 41–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position Body	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
31.	QPSK 20MHz 1RB	Back Face	2645.0	24.19	24.5	1.074	0.434	0.466
	QPSK 20MHz 1RB	Right Side	2645.0	24.19	24.5	1.074	0.354	0.380
	QPSK 20MHz 1RB	Bottom Side	2645.0	24.19	24.5	1.074	0.231	0.248
	QPSK 20MHz 50%RB	Back Face	2645.0	24.19	24.5	1.074	0.376	0.404
	QPSK 20MHz 50%RB	Right Side	2645.0	24.19	24.5	1.074	0.221	0.237
	QPSK 20MHz 50%RB	Bottom Side	2645.0	24.19	24.5	1.074	0.132	0.142

WLAN 2.4GHz –Body SAR Test									
Plot No.	Mode	Test Position Body	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
32.	802.11b	Back Face	06	2437	14.68	15.0	1.076	0.368	0.396
	802.11b	Right Side	06	2437	14.68	15.0	1.076	0.152	0.164
	802.11b	Back Face	01	2412	14.68	15.0	1.076	0.335	0.361
	802.11b	Right Side	01	2412	14.68	15.0	1.076	0.179	0.193

Remark:

- 1) Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position ≤ 0.8 W/kg other channels SAR tests are not necessary.
- 2) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 3) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 4) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 5) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

9.3 Simultaneous Multi-band Transmission SAR Analysis

List of Mode for Simultaneous Multi-band Transmission

No.	Configurations	Body SAR
1	GSM(Voice/Data) + WLAN(2.4GHz)(Data) + NFC(Data)	Yes
2	WCDMA (Data)+ WLAN (2.4GHz)(Data) + NFC(Data)	Yes
3	LTE(Data) + WLAN (2.4GHz)(Data) + NFC(Data)	Yes
4	GSM(Voice/Data) + Bluetooth(Data) + NFC(Data)	Yes
5	WCDMA (Data) + Bluetooth(Data) + NFC(Data)	Yes
6	LTE(Data) + Bluetooth(Data) + NFC(Data)	Yes

Remark:

1. GSM ,WCDMA and LTE share the same antenna, and cannot transmit simultaneously.
2. WLAN and Bluetooth share the same antenna, and cannot transmit simultaneously.
3. According to the KDB 447498 D01 v06, when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f(\text{GHz})} / x]$ W/kg for test separation distances ≤ 50 mm;

where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.

For simultaneous transmission analysis, Bluetooth SAR is estimated per KDB 447498 D01 v06 as below:

Bluetooth:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	X	SAR(1g) 5mm
7.0	5.01	5/10	2.48	7.5	0.210

NFC:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	X	SAR(1g) 5mm
-33.5	0.00045	5/10	0.01356	7.5	0.001

MDT760:

	WWAN		WLAN(2.4GHz)	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	0.779	0.369	0.001	1.149
Right side	GSM	--	0.225	0.001	0.226
Left side	GSM	--	--	0.001	0.001
Top side	GSM	0.703	0.252	0.001	0.956
Bottom side	GSM	--	--	0.001	0.001
Back	WCDMA	0.809	0.369	0.001	1.179
Right side	WCDMA	--	--	0.001	0.001
Left side	WCDMA	--	--	0.001	0.001
Top side	WCDMA	0.609	0.252	0.001	0.862
Bottom side	WCDMA	--	--	0.001	0.001
Back	LTE	0.817	0.369	0.001	1.187
Right side	LTE	--	--	0.001	0.001
Left side	LTE	--	--	0.001	0.001
Top side	LTE	0.686	0.252	0.001	0.939
Bottom side	LTE	--	--	0.001	0.001

	WWAN		Bluetooth	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	0.779	0.210	0.001	0.990
Right side	GSM	--	0.210	0.001	0.211
Left side	GSM	--	0.210	0.001	0.211
Top side	GSM	0.703	0.210	0.001	0.914
Bottom side	GSM	--	0.210	0.001	0.211
Back	WCDMA	0.809	0.210	0.001	1.020
Right side	WCDMA	--	0.210	0.001	0.211
Left side	WCDMA	--	0.210	0.001	0.211
Top side	WCDMA	0.609	0.210	0.001	0.820
Bottom side	WCDMA	--	0.210	0.001	0.211
Back	LTE	0.817	0.210	0.001	1.028
Right side	LTE	--	0.210	0.001	0.211
Left side	LTE	--	0.210	0.001	0.211
Top side	LTE	0.686	0.210	0.001	0.897
Bottom side	LTE	--	0.210	0.001	0.211

MDT860:

	WWAN		WLAN(2.4GHz)	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	0.751	0.396	0.001	1.148
Right side	GSM	0.393	0.164	0.001	0.558
Left side	GSM	--	--	0.001	0.001
Top side	GSM	--	--	0.001	0.001
Bottom side	GSM	0.310	--	0.001	0.311
Back	WCDMA	0.791	0.396	0.001	1.188
Right side	WCDMA	0.686	0.164	0.001	0.851
Left side	WCDMA	--	--	0.001	0.001
Top side	WCDMA	--	--	0.001	0.001
Bottom side	WCDMA	0.384	--	0.001	0.385
Back	LTE	0.746	0.396	0.001	1.143
Right side	LTE	0.671	0.164	0.001	0.836
Left side	LTE	--	--	0.001	0.001
Top side	LTE	--	--	0.001	0.001
Bottom side	LTE	0.502	--	0.001	0.503

	WWAN		Bluetooth	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	GSM	0.751	0.210	0.001	0.962
Right side	GSM	0.393	0.210	0.001	0.604
Left side	GSM	--	0.210	0.001	0.211
Top side	GSM	--	0.210	0.001	0.211
Bottom side	GSM	0.310	0.210	0.001	0.521
Back	WCDMA	0.791	0.210	0.001	1.002
Right side	WCDMA	0.686	0.210	0.001	0.897
Left side	WCDMA	--	0.210	0.001	0.211
Top side	WCDMA	--	0.210	0.001	0.211
Bottom side	WCDMA	0.384	0.210	0.001	0.595
Back	LTE	0.746	0.210	0.001	0.957
Right side	LTE	0.671	0.210	0.001	0.882
Left side	LTE	--	0.210	0.001	0.211
Top side	LTE	--	0.210	0.001	0.211
Bottom side	LTE	0.502	0.210	0.001	0.713

10. Measurement Uncertainty

10.1 Uncertainty for SAR Test

a	b	c	d	e= f(d,k)	f	g	h= c*f/e	i= c*g/e	k
Uncertainty Component	Sec.	Tol (+- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	Vi
Measurement System									
Probe calibration	E.2.1	7.0	N	1	1	1	7.00	7.00	∞
Axial Isotropy	E.2.2	2.5	R	$\sqrt{3}$	$(1_{Cp})^{1/2}$	$(1_{Cp})^{1/2}$	1.02	1.02	∞
Hemispherical Isotropy	E.2.2	4.0	R	$\sqrt{3}$	$(Cp)^{1/2}$	$(Cp)^{1/2}$	1.63	1.63	∞
Boundary effect	E.2.3	1.0	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	E.2.4	5.0	R	$\sqrt{3}$	1	1	2.89	2.89	∞
System detection limits	E.2.5	1.0	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Readout Electronics	E.2.6	0.02	N	1	1	1	0.02	0.02	∞
Reponse Time	E.2.7	3.0	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Integration Time	E.2.8	2.0	R	$\sqrt{3}$	1	1	1.15	1.15	∞
RF ambient Conditions – Noise	E.6.1	0	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF ambient Conditions - Reflections	E.6.1	0	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe positioner Mechanical Tolerance	E.6.2	2.0	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Probe positioning with respect to Phantom Shell	E.6.3	0.05	R	$\sqrt{3}$	1	1	0.03	0.03	∞
Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	E.5	5.0	R	$\sqrt{3}$	1	1	2.89	2.89	∞
Test Sample Related									
Test sample positioning	E.4.2	0.03	N	1	1	1	0.03	0.03	N-1
Device Holder Uncertainty	E.4.1	5.00	N	1	1	1	5.00	5.00	
Output power Variation - SAR drift measurement	E.2.9	12.02	R	$\sqrt{3}$	1	1	6.94	6.94	∞
SAR scaling	E6.5	0.0	R	$\sqrt{3}$	1	1	0.0	0.0	∞
Phantom and Tissue Parameters									
Phantom Uncertainty (Shape and thickness tolerances)	E.3.1	0.05	R	$\sqrt{3}$	1	1	0.03	0.03	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E3.2	1.9	R	$\sqrt{3}$	1	0.84	1.10	0.90	∞

Liquid conductivity - deviation from target value	E.3.2	5.00	R	$\sqrt{3}$	0.64	0.43	1.85	1.24	∞
Liquid conductivity - measurement uncertainty	E.3.3	5.00	N	1	0.64	0.43	3.20	2.15	∞
Liquid permittivity - deviation from target value	E.3.2	0.37	R	$\sqrt{3}$	0.6	0.49	0.13	0.10	∞
Liquid permittivity - measurement uncertainty	E.3.3	10.00	N	1	0.6	0.49	6.00	4.90	∞
Combined Standard Uncertainty			RSS				10.20	10.00	
Expanded Uncertainty (95% Confidence interval)			K=2				20.40	20.00	

Annex A. Plots of System Performance Check

MEASUREMENT 1

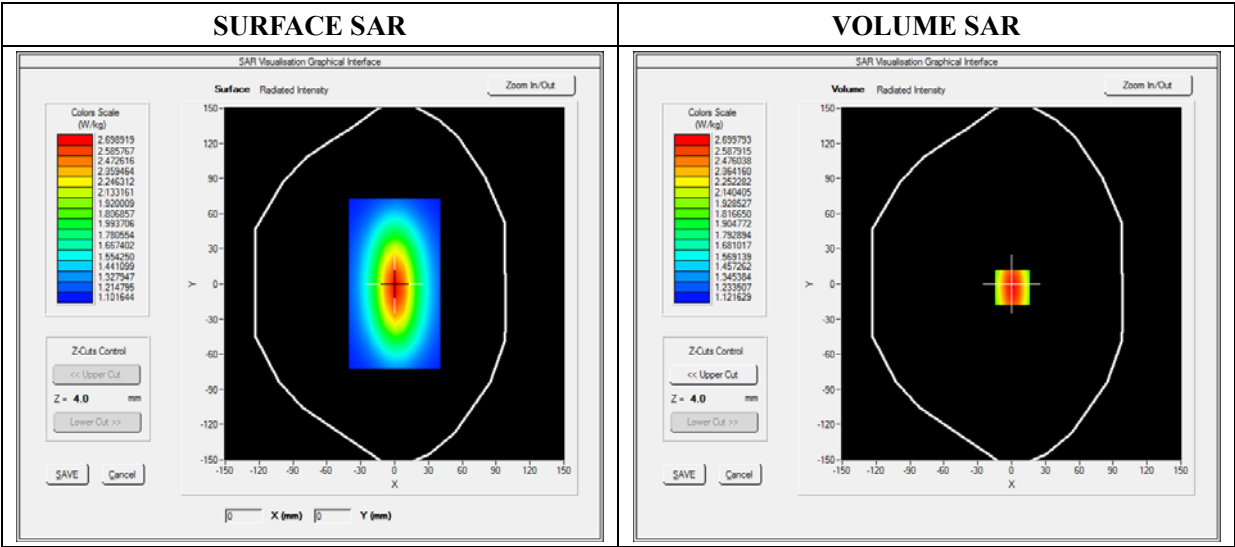
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPG0356; ConvF: 1.76; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative Permittivity (real part)	54.960574
Conductivity (S/m)	0.940583
Power Variation (%)	0.038363
Ambient Temperature	22.2
Liquid Temperature	22.2

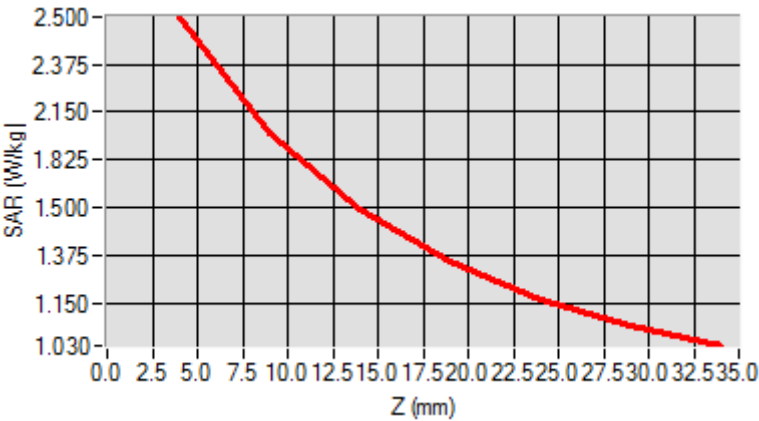


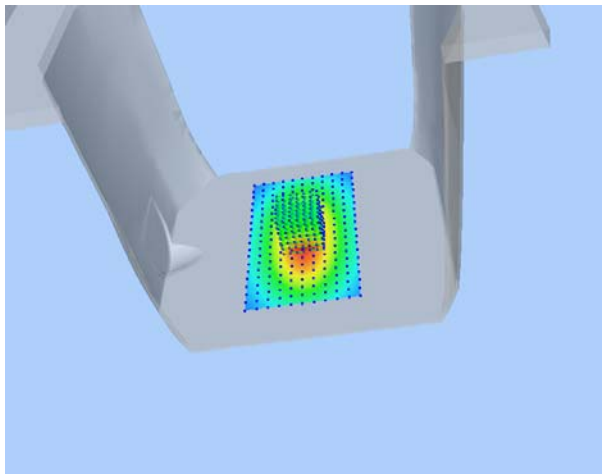
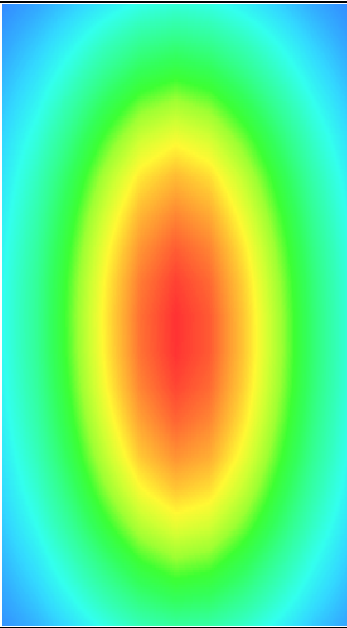
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.042744
SAR 1g (W/Kg)	2.180534

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.3634	1.8023	1.4523	1.2514	1.1005	1.0245



3D screen shot	Hot spot position
	

MEASUREMENT 2

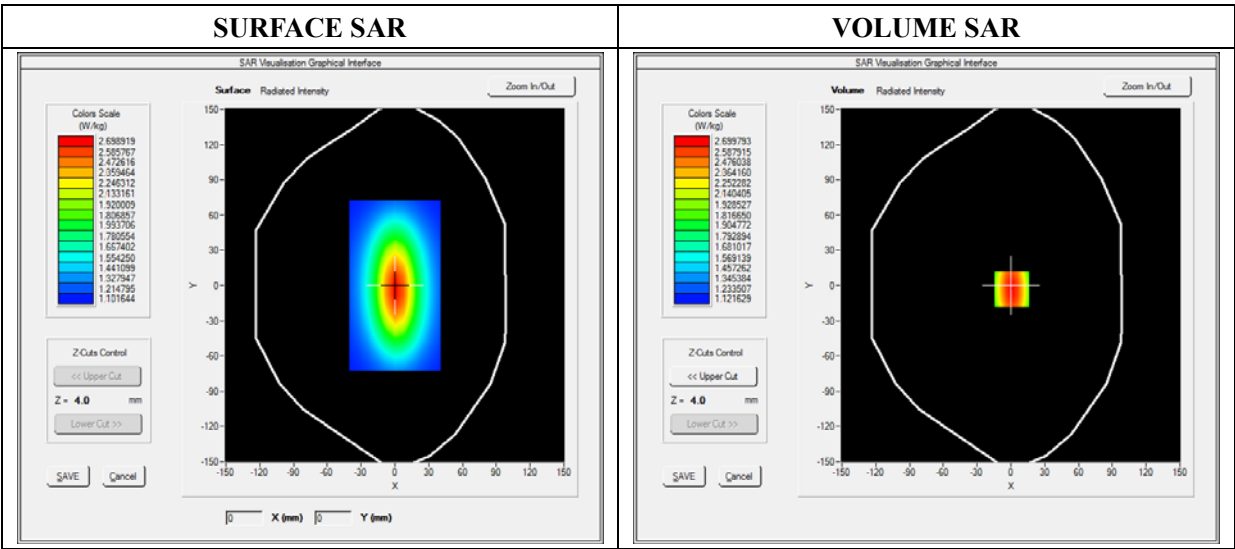
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.79; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative Permittivity (real part)	54.850245
Conductivity (S/m)	0.961245
Power Variation (%)	0.428437
Ambient Temperature	22.2
Liquid Temperature	22.2

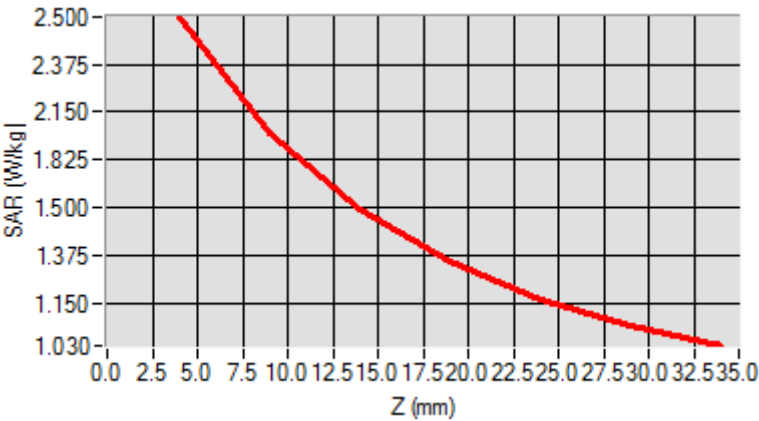


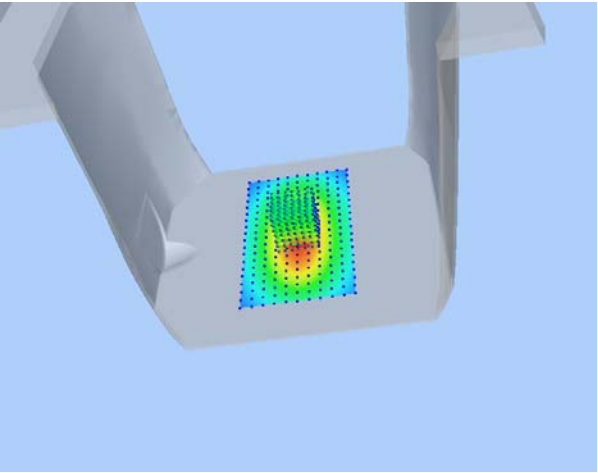
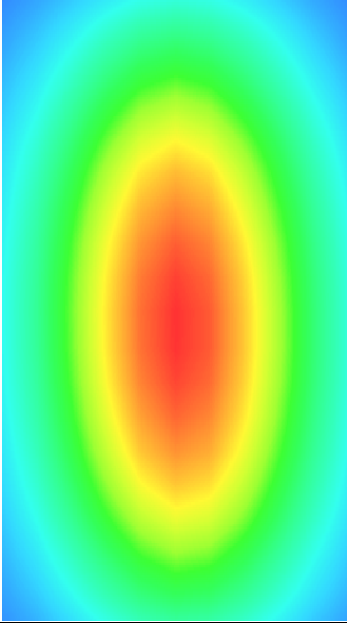
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.519489
SAR 1g (W/Kg)	2.511253

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.4900	1.8942	1.4811	1.3541	1.1123	1.0539



3D screen shot	Hot spot position
	

MEASUREMENT 3

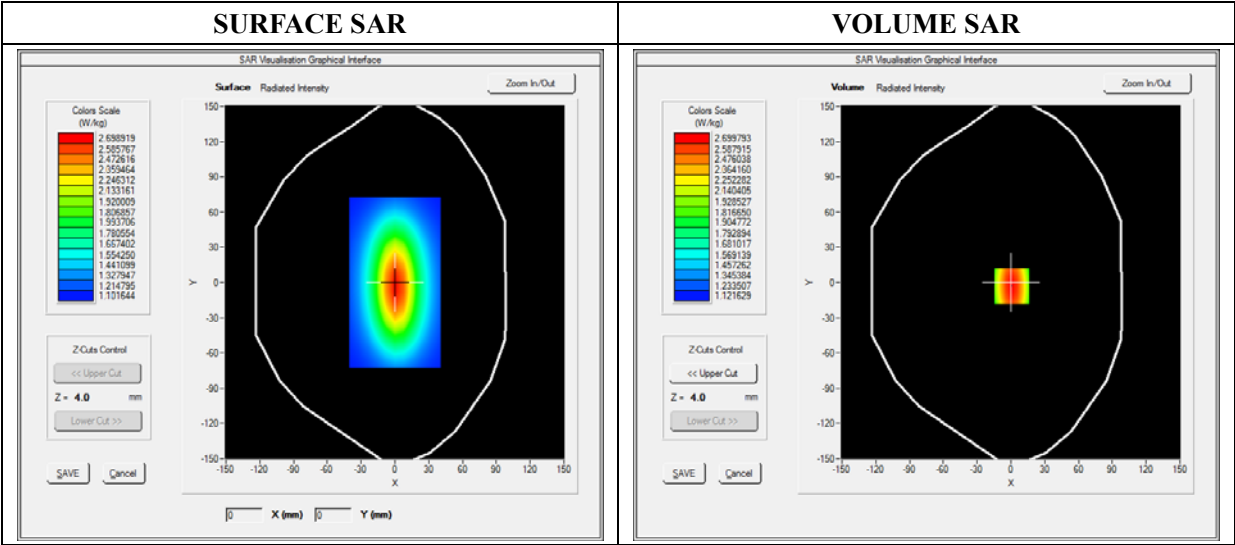
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.85; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW900
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	900.000000
Relative Permittivity (real part)	55.162501
Conductivity (S/m)	1.060456
Power Variation (%)	1.800540
Ambient Temperature	22.2
Liquid Temperature	22.2

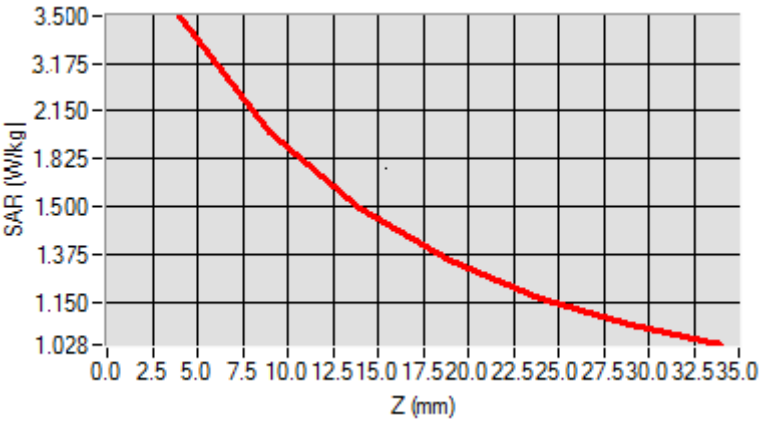


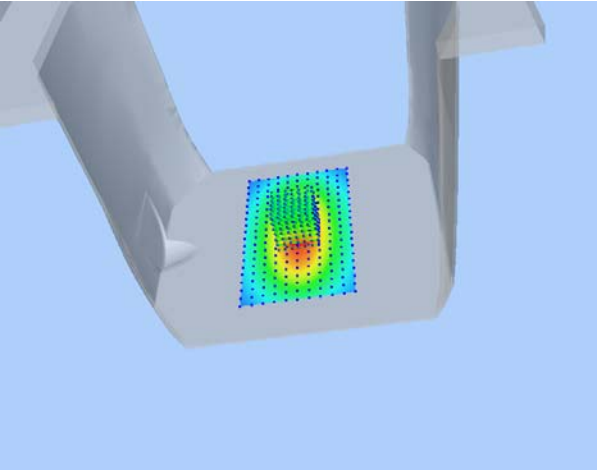
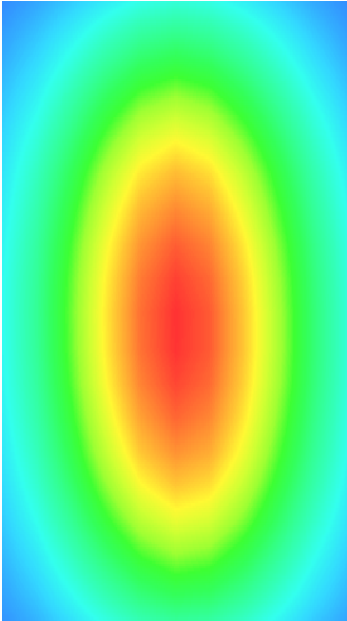
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.702021
SAR 1g (W/Kg)	2.742150

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	3.2725	2.6125	2.01258	1.6112	1.1210	1.0492s



3D screen shot	Hot spot position
	

MEASUREMENT 4

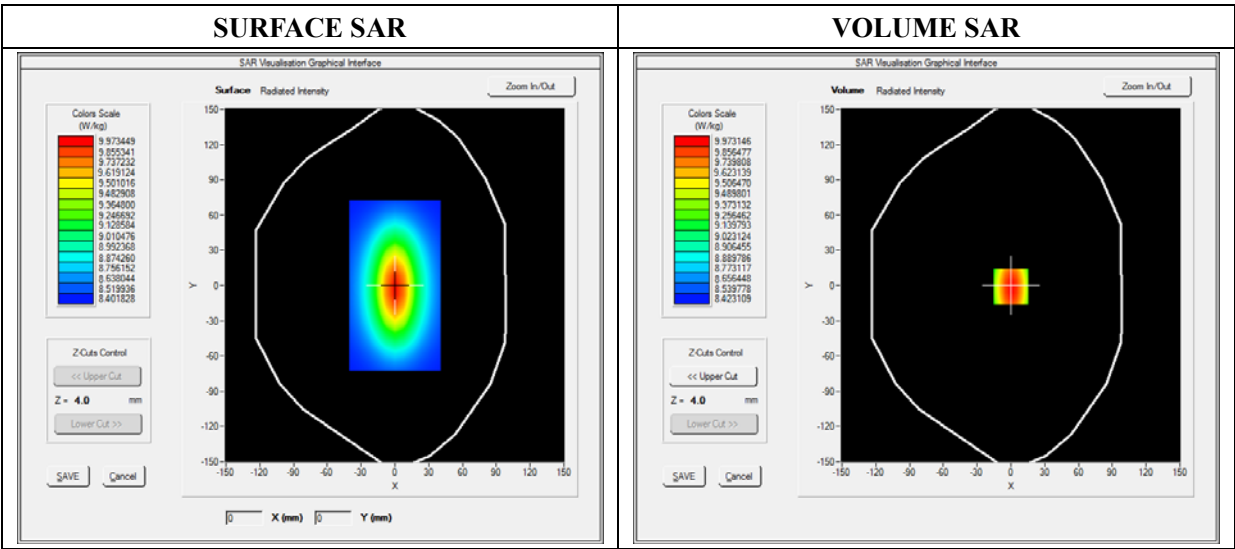
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative Permittivity (real part)	54.511090
Conductivity (S/m)	1.532510
Power Variation (%)	1.041232
Ambient Temperature	22.2
Liquid Temperature	22.2

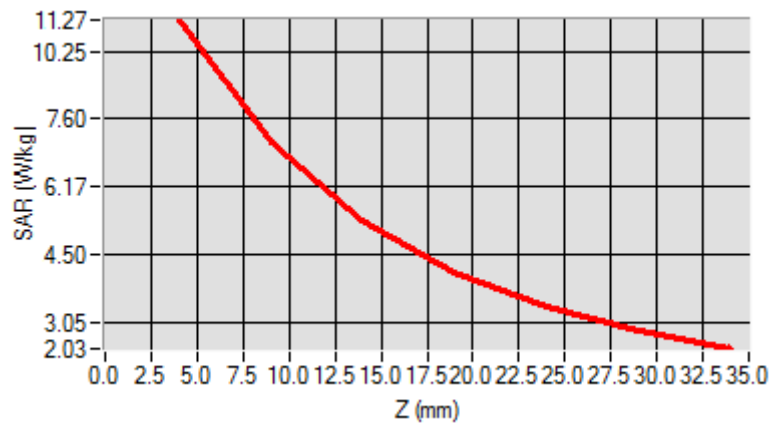


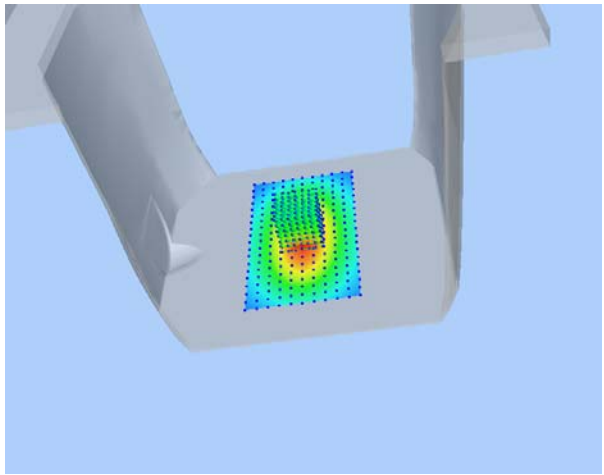
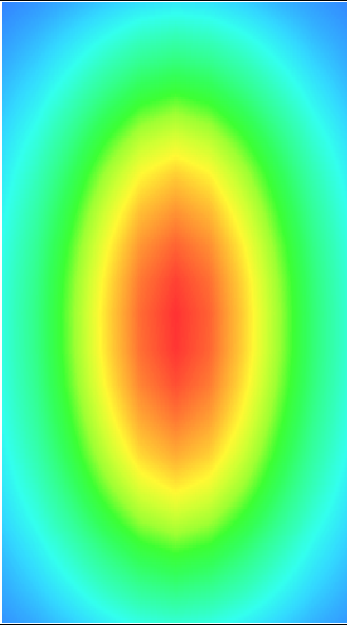
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.081252
SAR 1g (W/Kg)	9.461217

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.3455	7.1125	5.1026	3.425	3.0242	2.1125



3D screen shot	Hot spot position
	

MEASUREMENT 5

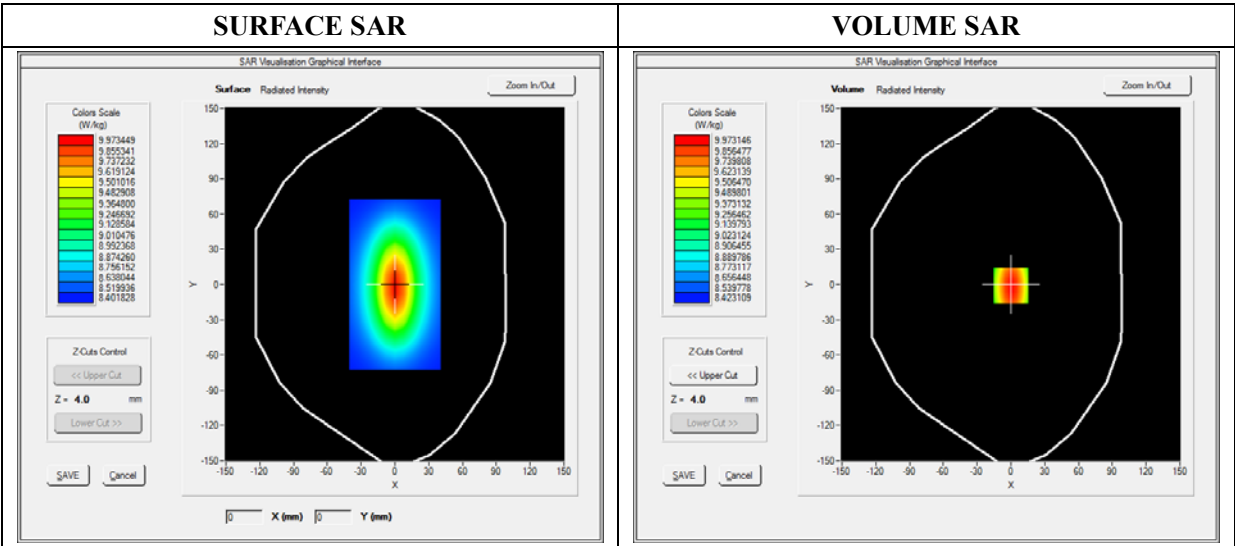
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.31; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	54.420124
Conductivity (S/m)	1.533607
Power Variation (%)	1.022540
Ambient Temperature	22.2
Liquid Temperature	22.2

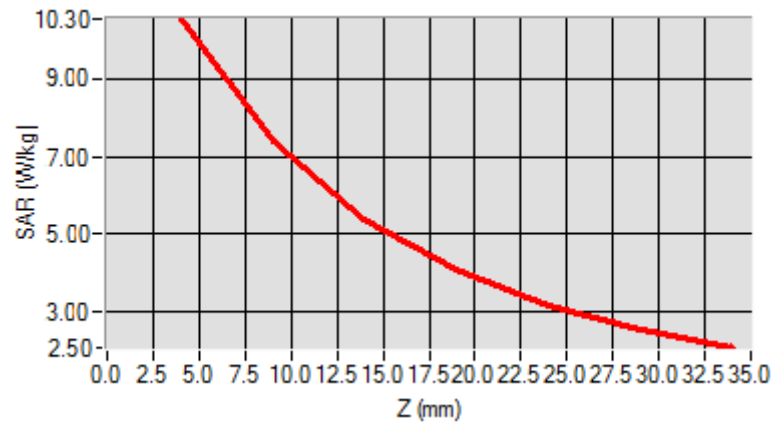


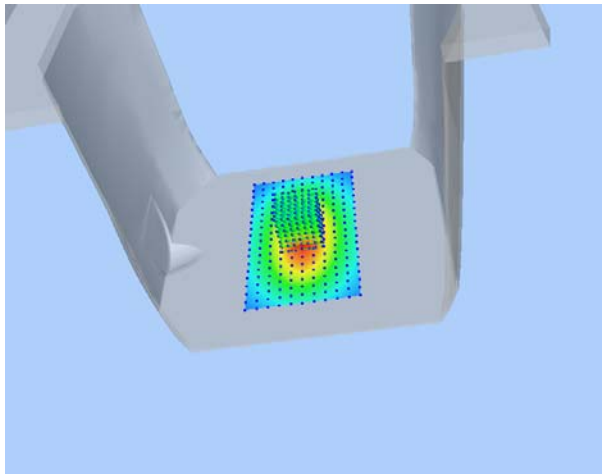
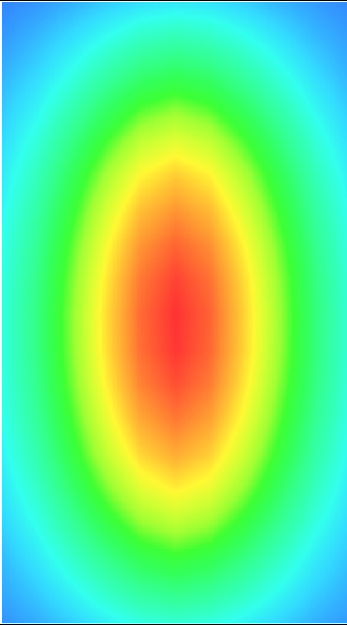
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.174526
SAR 1g (W/Kg)	9.913214

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.2354	6.8400	5.0121	4.1189	3.0522	2.8424



3D screen shot	Hot spot position
	

MEASUREMENT 6

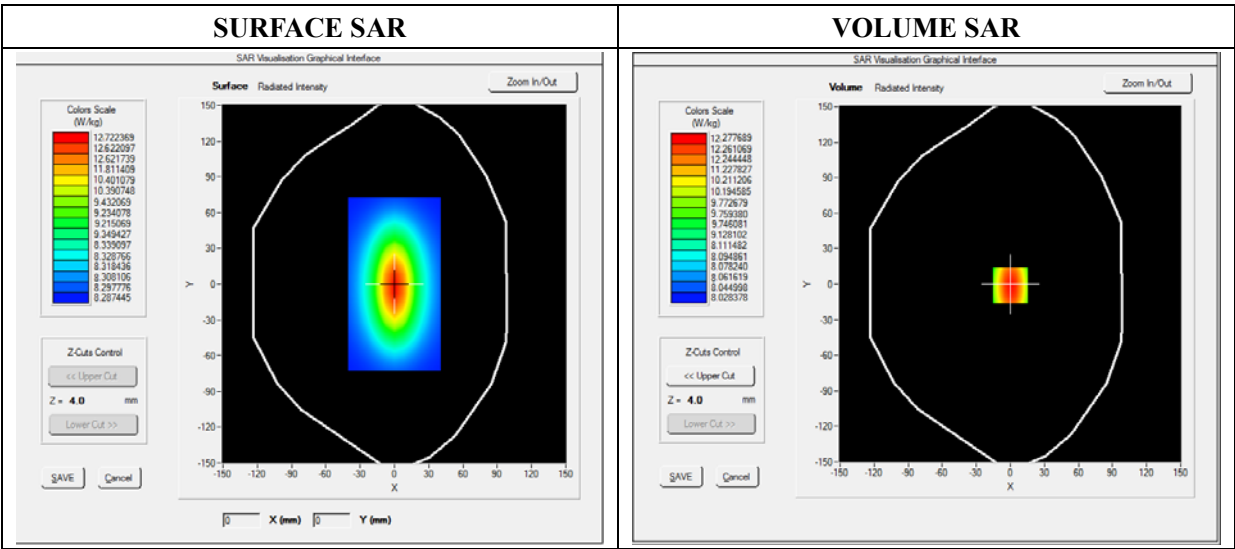
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPG0356; ConvF: 2.39; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2300
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2300.000000
Relative Permittivity (real part)	51.980212
Conductivity (S/m)	1.790255
Power Variation (%)	1.009745
Ambient Temperature	22.2
Liquid Temperature	22.2

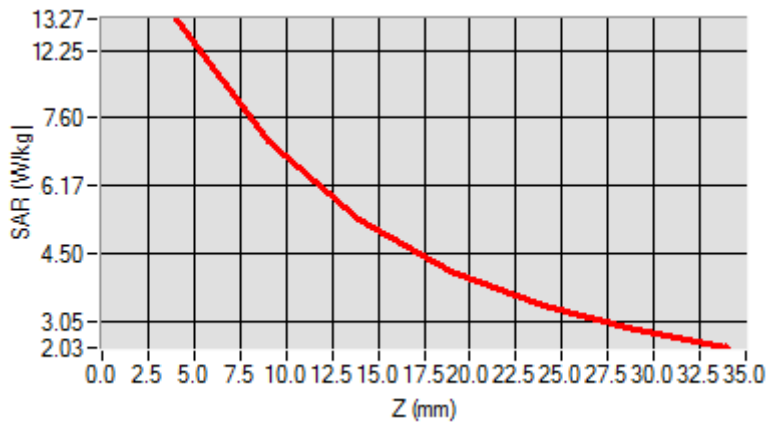


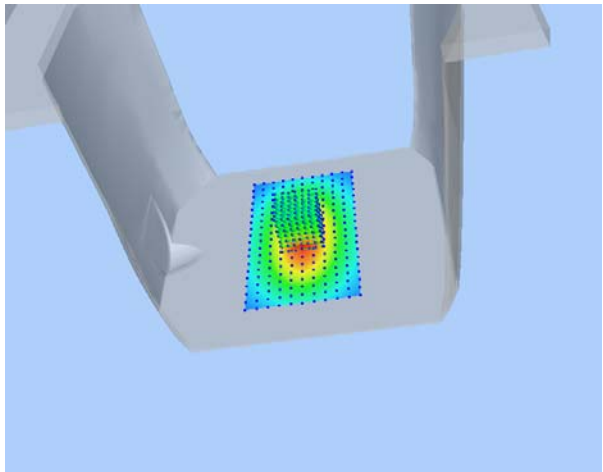
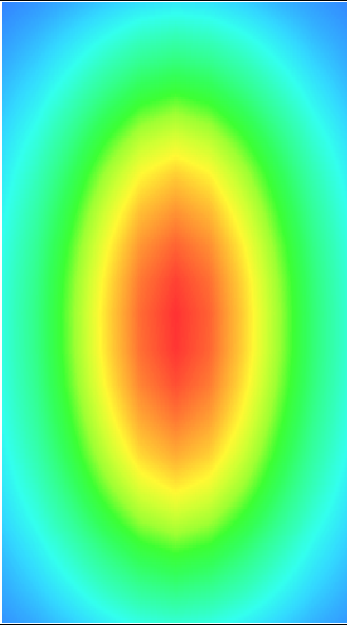
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.114210
SAR 1g (W/Kg)	12.505243

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.1891	11.7779	9.2852	8.5315	6.3698	4.6231



3D screen shot	Hot spot position
	

MEASUREMENT 7

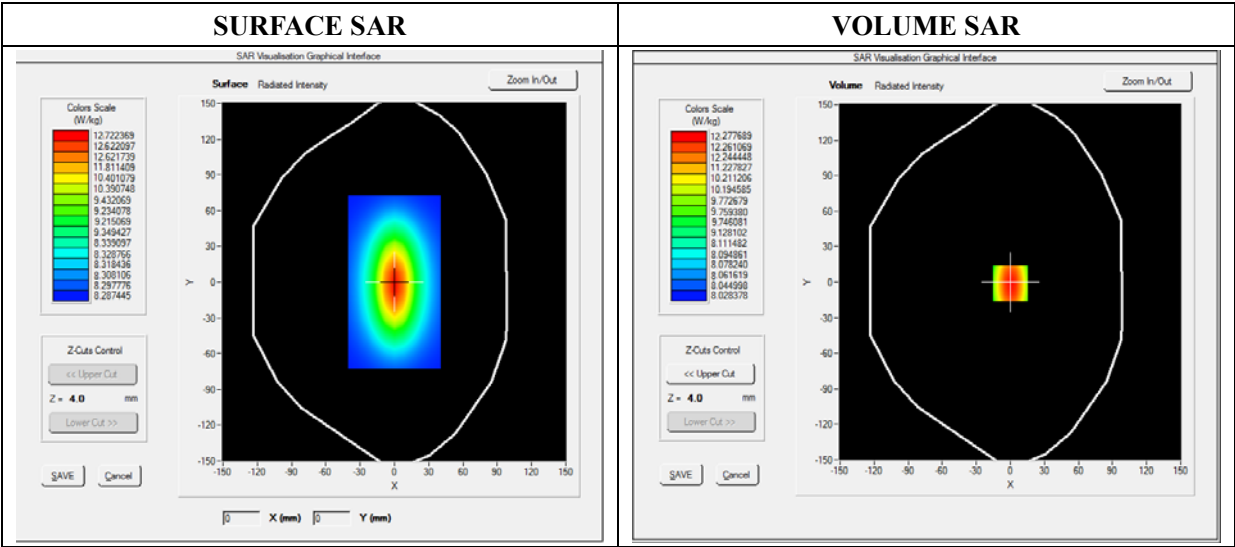
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.62; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative Permittivity (real part)	52.980212
Conductivity (S/m)	1.940255
Power Variation (%)	1.369745
Ambient Temperature	22.2
Liquid Temperature	22.2

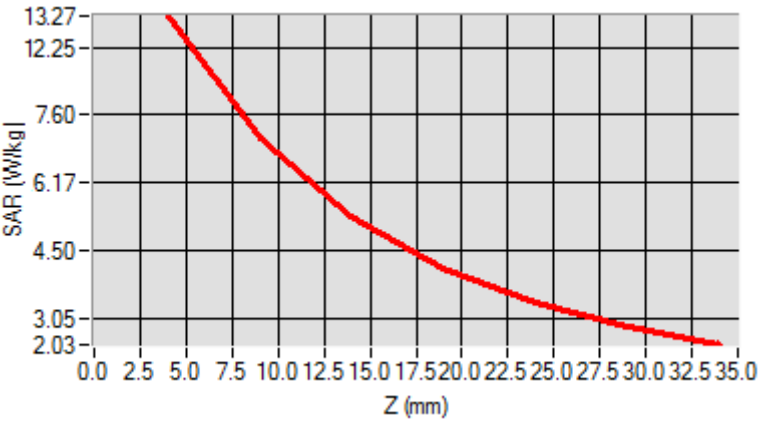


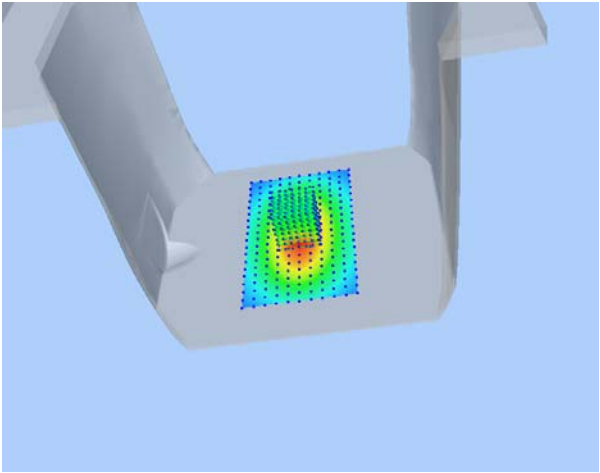
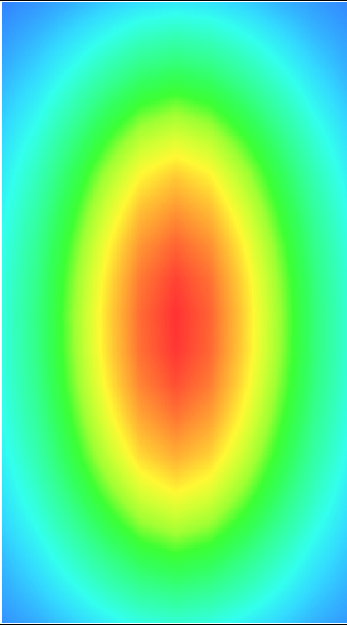
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.119522
SAR 1g (W/Kg)	12.592360

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.1911	11.7951	9.2945	8.5400	6.3712	4.6225



3D screen shot	Hot spot position
	

MEASUREMENT 8

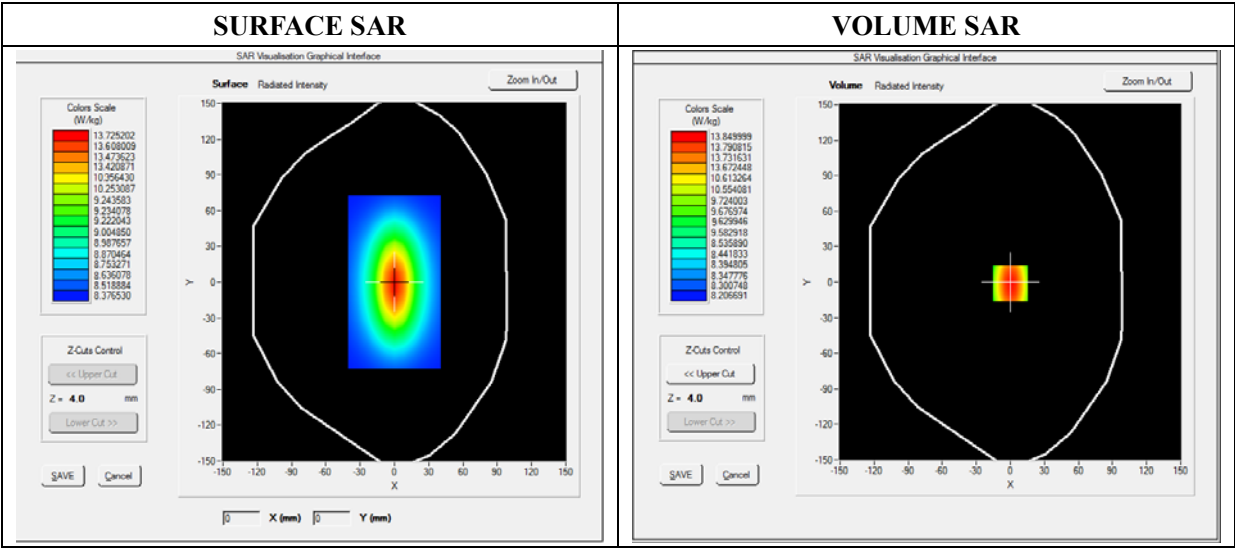
Type: Validation measurement (Fast, 75.00 %)
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.41; Calibrated: 2021-07-16

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	52.244092
Conductivity (S/m)	2.153182
Power Variation (%)	0.886021
Ambient Temperature	22.2
Liquid Temperature	22.2



Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	8.230801
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SAR 1g (W/Kg)	13.539282
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Z Axis Scan

