

SAR MEASUREMENT REPORT

FCC ID: HD5-EDA10A1
Applicant: Honeywell International Inc
Product: Tablet Computer
Model No.: EDA10A-1
Brand Name: Honeywell
FCC Rule Part(s): FCC 47 CFR Part 2.1093
Result: Complies
Received Date: 2025-04-08
Test Date: 2025-04-23 ~ 2025-05-23

Reviewed By:

Ada Zhang

Approved By:

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in IEEE1528, KDB 447498 and KDB 865664. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
R25S1020041-U401	V01	Initial Report	2025-05-29	Invalid
R25S1020041-U401	V02	Update Standard	2025-06-03	Valid

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1.4. Product Information

Product Name	Tablet Computer
Model No.	EDA10A-1
Brand Name	Honeywell
EUT Identification No.	20250408Sample#10 (Sample1#) 20250408Sample#21 (Sample2#)
Antenna Specification	Refer to clause 1.6
Operating Temp.	-20 ~ 50 °C
Power Type	By Rechargeable Li-ion Battery
EUT Type	Portable Device
Exposure Category	General Population/Uncontrolled Exposure
Accessory	
Rechargeable Li-ion Battery	Model: BAT-EDA10A Nominal Voltage: 3.85Vdc Rated Capacity: 8000mAh Limited Charging Voltage: 4.4Vdc Rated Energy: 30.80Wh
Note: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification under Test

GSM Specification	
Frequency Range	GSM850: 824 ~ 849MHz PCS1900: 1850 ~ 1910 MHz
Type of Modulation	GMSK, 8PSK
Multi-slot Class	GPRS: Class 33 EGPRS: Class 33
Power Class	GSM850: 4 PCS1900: 1
Dual Transfer Mode	Not supported
UTRA Specification	
Frequency Range	WCDMA Band 2: 1850 ~ 1910 MHz WCDMA Band 4: 1710 ~ 1755 MHz WCDMA Band 5: 824 ~ 849MHz
Type of Modulation	QPSK
Power Class	Class 3
Category	HSDPA: 10 HSUPA: 6
E-UTRA Specification	
Frequency Range	LTE Band 2: 1850 ~ 1910 MHz LTE Band 4: 1710 ~ 1755 MHz LTE Band 5: 824 ~ 849MHz LTE Band 7: 2500 ~ 2570MHz LTE Band 12: 699 ~ 716MHz LTE Band 13: 777 ~ 787MHz LTE Band 17: 704 ~ 716MHz LTE Band 25: 1850 ~ 1915MHz LTE Band 26: 814 ~ 849MHz LTE Band 66: 1710 ~ 1780 MHz LTE Band 38: 2570 ~ 2620 MHz LTE Band 41: 2496 ~ 2690 MHz LTE Band 42: 3450 ~ 3550 MHz LTE Band 43: 3700 ~ 3800 MHz
Type of Modulation	QPSK, 16QAM, 64QAM
Carrier Aggregation	Downlink only
Power Class	Class 3

NR Specification	
Frequency Range	NR n2: 1850 ~ 1910 MHz NR n5: 824 ~ 849MHz NR n7: 2500 ~ 2570MHz NR n25: 1850 ~ 1915 MHz NR n26: 814 ~ 849 MHz NR n66: 1710 ~ 1780 MHz NR n38: 2570 ~ 2620 MHz NR n41: 2496 ~ 2690 MHz NR n77: 3450 ~ 3550 MHz, 3700 ~ 3980 MHz NR n78: 3450 ~ 3550 MHz, 3700 ~ 3800 MHz
SCS	15 kHz for FDD; 30 kHz for TDD
HPUE Band	n41, n78
EN-DC Band	2A(5A/7A/41A/66A)-n77A 2A(5A/7A/26A/38A/41A/66A)-n78A
Type of Modulation	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM

Note: The maximum duty cycle for n41/n78 HPUE band is 50%, as declared by manufacturer.

Wi-Fi Specification	
Frequency Range	<p><u>For 2.4GHz Wi-Fi</u></p> <p>802.11b/g/n-HT20/ax-HE20 & VHT20: 2412 ~ 2462MHz</p> <p>802.11n-HT40/ax-HE40 & VHT40: 2422 ~ 2452MHz</p> <p><u>For 5GHz Wi-Fi</u></p> <p>802.11a/n-HT20/ac-VHT20/ax-HE20: 5180 ~ 5240 MHz, 5260 ~ 5320 MHz, 5500 ~ 5700 MHz, 5745 ~ 5825 MHz</p> <p>802.11n-HT40/ac-VHT40/ax-HE40: 5190 ~ 5230 MHz, 5270 ~ 5310 MHz, 5510 ~ 5670 MHz, 5755 ~ 5795 MHz</p> <p>802.11ac-VHT80/ax-HE80: 5210 MHz, 5290 MHz, 5530 MHz, 5610 MHz, 5775 MHz</p>
Channel Number	<p><u>For 2.4GHz Wi-Fi</u></p> <p>802.11b/g/n-HT20/ax-HE20 & VHT20: 11</p> <p>802.11n-HT40/ax-HE40 & VHT40: 7</p> <p><u>For 5GHz Wi-Fi</u></p> <p>802.11a/n-HT20/ac-VHT20/ax-HE20: 24</p> <p>802.11n-HT40/ac-VHT40/ax-HE40: 11</p> <p>802.11ac-VHT80/ax-HE80: 5</p>
Type of Modulation	<p>802.11b: DSSS</p> <p>802.11a/g/n/ac & VHT: OFDM</p> <p>802.11ax: OFDMA</p>
Data Rate	<p>802.11b: 1/2/5.5/11Mbps</p> <p>802.11a/g: 6/9/12/18/24/36/48/54Mbps</p> <p>802.11n: up to 300Mbps</p> <p>VHT: up to 400Mbps</p> <p>802.11ac: up to 866.7Mbps</p> <p>802.11ax: up to 1201Mbps</p>
Support RU	<input checked="" type="checkbox"/> Full RU <input checked="" type="checkbox"/> Partial RU

Note: 802.11ax supports partial RU and full RU configuration, the maximum power of partial RU configuration is small than full configuration, therefore SAR is only performed in full RU configuration.

Bluetooth Specification	
Frequency Range	2402MHz~ 2480MHz
Channel Number	For Bluetooth: 79 For BT-LE: 40
Channel Spacing	For Bluetooth: 1MHz For BT-LE: 2MHz
Type of Modulation	For Bluetooth: 1Mbps (GFSK), 2Mbps (Pi/4 DQPSK), 3Mbps (8DPSK) For BT-LE: 1Mbps & 2Mbps & 125kbps & 500kbps (GFSK)
NFC Specification	
Frequency Range	13.56MHz
Channel Number	1
Type of Modulation	ASK
Antenna Type	Loop Antenna

1.6. Antennas Details

Operating Condition	WWAN	ANT 0	GSM (1Tx,1Rx) WCDMA (1Tx, 1Rx) LTE B2/4/5/7/12/13/17/25/26/66/38/41 (1Tx, 1Rx) NR n2/5/7/25/26/66 (1Tx, 1Rx)
		ANT 1	LTE B42/43 (1Tx,1Rx) NR 38/41/77/78 (1Tx,1Rx)
	WLAN	ANT 3	Bluetooth BR/EDR (1Tx, 1Rx)
		ANT 3+ANT 2	802.11b/g/n/ax for 2.4GHz Wi-Fi (2Tx, 2Rx) VHT for 2.4GHz Wi-Fi (2Tx, 2Rx) 802.11a/ac/ax for 5GHz Wi-Fi (2Tx, 2Rx)
Antenna Type	PIFA Antenna		
Simultaneously Transmitting Scenarios	WWAN transmit simultaneously with Wi-Fi WWAN transmit simultaneously with Bluetooth WWAN transmit simultaneously with 5GHz Wi-Fi and Bluetooth		

2. Summary of Test Result

2.1. Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	IEEE 1528-2013	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
3	IEEE C95.1-2005	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
4	KDB 447498 D01 v06	General RF Exposure Guidance
5	KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
6	KDB 865664 D02 v01r02	RF Exposure Reporting
7	KDB 941225 D01 v03r01	3G SAR Measurement Procedures
8	KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
9	KDB 616217 D04 v01r02	SAR for laptop and tablet
10	KDB 248227 D01 v02r02	SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitter
11	KDB 447498 Interim Simplified Guidance for Testing §2.1093-Portable Devices	

2.2. Environment Condition

Ambient Temperature	20.5°C ~ 24.0°C
Temperature of Simulant	20.0°C ~ 23.5°C
Relative Humidity	38%RH ~ 55%RH

2.3. RF Exposure Limits

Human Exposure	Basic restrictions for electric, magnetic and electromagnetic fields. (Unit in mW/g or W/kg)
Spatial Peak SAR ¹ (Head and Body)	1.60
Spatial Average SAR ² (Whole Body)	0.08
Spatial Peak SAR ³ (Arms and Legs)	4.00

Notes:

1. The Spatial Peak value of the SAR averaged over any 1gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.
2. The Spatial Average value of the SAR averaged over the whole body.
3. The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over appropriate averaging time.

2.4. Test Result Summary

Worst SAR List

Highest Reported SAR		1g SAR (W/kg) @ 5mm
EGPRS 850		1.09
GPRS 1900		1.17
WCDMA Band 2		1.17
WCDMA Band 4		0.98
WCDMA Band 5		0.82
LTE Band 4		1.11
LTE Band 7		1.12
LTE Band 12		0.49
LTE Band 13		0.22
LTE Band 25		1.17
LTE Band 26		0.71
LTE Band 66		1.09
LTE Band 41		1.39
LTE Band 42		0.84
LTE Band 43		1.29
NR n7		1.31
NR n25		1.28
NR n26		0.72
NR n66		1.36
NR n41 PC3		1.33
NR n41 PC2		1.37
NR n77 Part 27Q		0.66
NR n77 Part 27O		1.07
NR n78 Part 27Q		0.73
NR n78 Part 27O		1.38
ANT 3	DTS Band Wi-Fi	0.65
	U-NII-2A Band Wi-Fi	0.45
	U-NII-2C Band Wi-Fi	0.39
	U-NII-3 Band Wi-Fi	0.53
	BT-LE	0.02
	DSS Bluetooth	0.03
ANT 2	DTS Band Wi-Fi	0.61
	U-NII-2A Band Wi-Fi	0.76

	U-NII-2C Band Wi-Fi	1.07
	U-NII-3 Band Wi-Fi	1.13

Notes:

1. LTE Band 2 is covered by Band 25 due to lower bandwidth and output power.
2. LTE Band 5 is covered by Band 26 due to lower bandwidth and output power.
3. LTE Band 17 is covered by Band 12 due to lower bandwidth and output power.
4. LTE Band 38 is covered by Band 41 due to lower bandwidth and output power.
5. NR n2 is covered by n25 due to lower bandwidth and output power.
6. NR n5 is covered by n26 due to lower bandwidth and output power.
7. NR n38 is covered by n41 PC3 due to lower bandwidth and output power.

Highest Simultaneous SAR

Highest Simultaneous SAR	1g SAR (W/kg) @ 5mm
WWAN + 2.4GHz Wi-Fi	1.32
WWAN + 5GHz Wi-Fi + BT	1.49

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. Definition

The SAR in the tissue-equivalent liquid can be determined by the rate of temperature increase or by E-field measurements, according to Formulas (1) or (2):

$$SAR = \frac{\sigma E^2}{\rho} \quad (1)$$

$$SAR = c_h \left. \frac{dT}{dt} \right|_{t=0} \quad (2)$$

where

SAR is the specific absorption rate in W/kg;

E is the rms value of the electric field strength in the tissue medium in V/m;

σ is the electrical conductivity of the tissue medium in S/m;

ρ is the mass density of the tissue medium in kg/m³;

c_h is the specific heat capacity of the tissue medium in J/(kg K);

$\left. \frac{dT}{dt} \right|_{t=0}$ is the initial time derivative of temperature in the tissue medium in K/s.

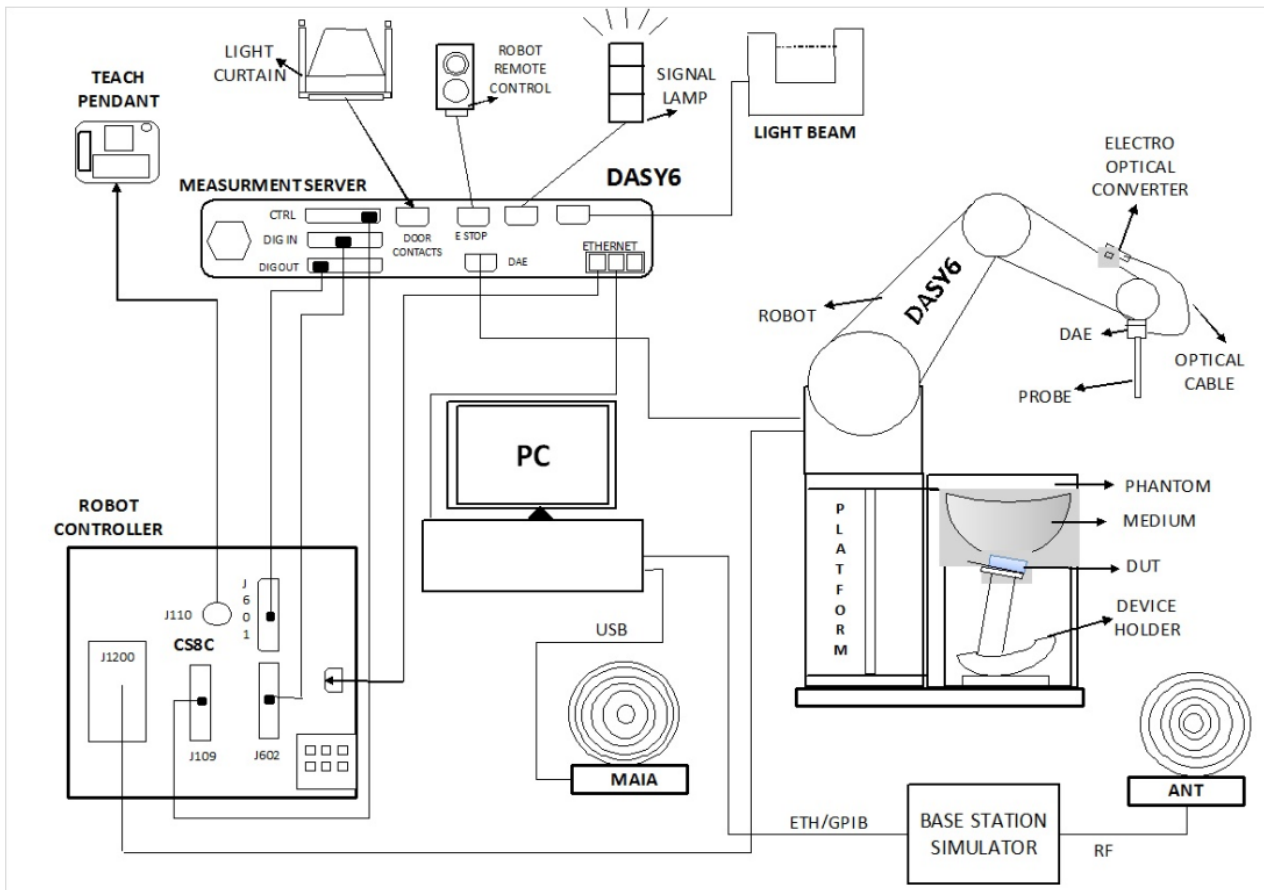
4. DASY6 Measurement System

4.1. Introduction

DASY6 is the latest generation of the Dosimetric Assessment System optimized for specific absorption rate (SAR) measurements, SAR compliance. DASY6 builds on the power of our industry - leading dosimetric and near-field evaluation system, DASY52. Running on a significantly more robust platform and a more powerful measurement server, DASY6 offers much faster scanning with no sacrifice of measurement precision. All hardware and software are fully compatible with DASY52. The new system seamlessly integrates two software solutions, the novel cDASY V6.6 - optimized for SAR compliance testing to significantly reduce SAR assessment costs - and the widely used DASY V5.2 for generalized near-field evaluations with maximized flexibility.

4.2. DASY6 Measurement System Diagram

The DASY6 system in cDASY6/DASY5 V5.2 SAR Configuration is shown below:



The System consist of the following components:

DASY6 Measurement Server, Data Acquisition Electronics (DAE), Probes, Light-Beam Unit, Phantoms, Media, Device Holder for SAM-Twin Phantom, Laptop Extension Kit to Mounting Device, Robot System Platform & Pedestal, Verification of the Parameters with the Dielectric Assessment Kit (DAK), Modulation and Interference Analyzer (MAIA), Omni-Directional Ultra-Wideband Antenna (ANT), cDASY6 software, DASY5 NEO software and SEMCAD data evaluation software.

4.3. System Components Details

DASY6 Platforms MP6E-TX60L

MP6E-TX60L platform is a compact cost-effective platform based on TX60L. It consists of:

- a stable non-metallic platform for the TX60L robot
- a frame for two standard-size phantoms (1.0 × 0.5 m)
- a frame for one half-size phantom (0.5 × 0.5 m)

It includes two easily moveable trolleys for the phone and tablet/computer positioner and two platforms for positioning dipoles and other antennas.

Material The beams consist of a composite of wood and epoxy (permittivity of 3.3 and loss tangent of <0.07)

Size The footprint of the platform is 1590 mm × 1060 mm.



Robots -TX60L

The MRT DASY6 system uses the high-precision industrial robots TX60L from Staubli SA (France). The TX robot family - the successor of the well-known RX robot family - continues to offer the features important for DASY6 applications:

- High precision (repeatability 0.02mm)
- High reliability (industrial design)
- Low maintenance costs (virtually maintenance-free as all gears are direct drive, no belt drives)
- Jerk-free straight movements (brushless synchron motors, no stepper motors)
- Low extremely low frequency (ELF) interference (motor control fields are shielded by the closed metallic construction)

The robots are controlled by the Staubli CS8c robot controllers. All information regarding the use and maintenance of the robot arm and the robot controller is provided on CDs delivered with the robot. Paper manuals are available directly from Staubli upon request.



DASY6 Measurement Server

The DASY6 measurement server is based on a PC/104 CPU board with a 400MHz intel ULV Celeron, 128MB chip-disk and 128MB RAM. The necessary circuits for communication with the DAE4 electronics box, as well as the 16-bit AD converter system for optical detection and digital I/O interface are contained on the DASY6 I/O board, which is directly connected to the PC/104 bus of the CPU board. The measurement server performs all real-time data evaluations of field measurements and surface detection, controls robot movements, and handles safety operations.



Data Acquisition Electronics (DAE)

The data acquisition electronics (DAE4) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16-bit AD-converter, and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.



Probes

E-Field Probe(EX3DV4)

The SAR measurement is conducted with the dosimetric probe manufactured by SPEAG. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. SPEAG conducts the probe calibration in compliance with international and national standards (e.g. IEEE 1528, EN 62209-1, IEC 62209, etc.) under ISO 17025.

Construction:

Symmetric design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)

Frequency: 4 MHz ~ 10 GHz

Linearity: ± 0.2 dB (30 MHz ~ 10 GHz)

Directivity:

± 0.1 dB in TSL (rotation around probe axis)

± 0.3 dB in TSL (rotation normal to probe axis)

Dynamic Range: 10 μ W/g to 100 mW/g; Linearity: ± 0.2 dB (noise: typically < 1 μ W/g)

Dimensions:

Overall length: 337 mm (Tip: 20 mm)

Tip diameter: 2.5 mm (Body: 12 mm)

Typical distance from probe tip to dipole centers: 1 mm

Applications:

High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better than 30%.



MSTV1 (Mother Scan Teaching V1) Electronics & TP6V2 (Teaching Probe 6V2) Probe

MSTV1 (Mother Scan Teaching V1) electronics together with the TP6V2 (Teaching Probe 6V2) probe is used for mother scan of DASY6 system. This probe uses a 3D Renishaw LP2 sensor which ensures accurate detection of any shape and a measurement repeatability of 8 μ m.



Light-Beam Unit

The light beam switch allows automatic "tooling" of the probe. During the process, the actual position of the probe tip with respect to the robot arm, as well as the probe length and the horizontal probe offset, are measured. The software then corrects all movements within the measurement jobs, such that the robot coordinates are valid for the probe tip.



The repeatability of this process is better than 0.1 mm. If a position has been taught with an aligned probe, the same position will be reached with another aligned probe within 0.1 mm, even if the other probe has different dimensions. During probe rotations, the probe tip will keep its actual position.

Phantoms

SAM-Twin Phantom

The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body-mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.

SAM-Twin V5.0 and higher has the same shell geometry and is manufactured from the same material as SAM-Twin V4.0, but with the top structure reinforced.

Material Vinyl ester, fiberglass reinforced (VE-GF)
The phantom shell is compatible with SPEAG tissue simulating liquids (sugar and oil based).

Liquid Compatibility Use of other liquids may render the phantom warranty void (see note or consult SPEAG support).

Shell Thickness 2 ± 0.2 mm (6 ± 0.2 mm at ear point)

Dimensions Length: 1000 mm

(incl. Wooden Width: 500 mm

Support) Height: adjustable feet

Filling Volume approx. 25 liters

Support DASY6: standard-size platform slot

DASY52 stand-alone: SPEAG standard phantom table

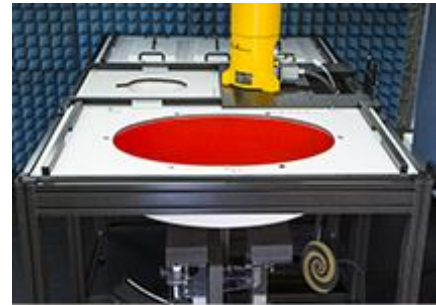


ELI phantom

The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.

ELI V5.0 and higher has the same shell geometry and is manufactured from the same material as ELI V4.0, but has reinforced top structure. ELI V6.0, released in August 2014, has the same shell geometry as ELI V4.0 but offers increased longterm stability.

Material	Vinyl ester, fiberglass reinforced (VE-GF) The phantom shell is compatible with SPEAG tissue simulating liquids (sugar and oil
Liquid Compatibility	based). Use of other liquids may render the phantom warranty void (see note or consult SPEAG support).
Shell Thickness	2.0 ± 0.2 mm (bottom plate)
Dimensions	Major axis: 600 mm Minor axis: 400 mm
Filling Volume	approx. 30 liters
Support	DASY6: standard-size platform slot DASY52 stand-alone: SPEAG standard phantom table



SAM Face Down Phantom

The SAM Face Down Phantom V10 allows assessment of the exposure of the face and in particular the eyes for handheld devices operated in front of the face. e.g., video phones, cameras, organizers, etc. It is manufactured from high precision injection molded polypropylene. The Mounting Device for Transmitters including extensions kit can be used to position the device.

Material	Epoxy based
Liquid Compatibility	The phantom shell is compatible with SPEAG tissue simulating liquids (sugar and oil based). Use of other liquids may render the phantom warranty void (see note or consult SPEAG support).
Shell Thickness	2 ± 0.2 mm (6 mm at ear point)
Head Shape	Standard compatible SAM head.



SAM Head Stand Phantom

The SAM Head Stand Phantom V10 allows assessment of the exposure of the top-head or around-the-head wireless accessories, e.g., head-belts, etc. It is manufactured from high precision injection molded polypropylene. The Mounting Device for Transmitters including extensions kit can be used to position the device.

Material	Epoxy based
Liquid Compatibility	The phantom shell is compatible with SPEAG tissue simulating liquids (sugar and oil based). Use of other liquids may render the phantom warranty void (see note or consult SPEAG support).
Shell Thickness	2 ± 0.2 mm (6 mm at ear point)
Head Shape	Standard compatible SAM head.



Wrist Phantom

The Wrist Phantom V10 is shape-compatible with the CTIA approved OTA GFPC-V1 and optimized for SAR evaluation of watches and other wireless hand accessories.

Material	Epoxy based The phantom shell is compatible with SPEAG tissue simulating liquids (sugar and oil based). Use of other liquids may render the phantom warranty void (see note or consult SPEAG support).
Liquid Compatibility	
Shell Thickness	Shell Thickness
Wrist Shape	Design compatible with CTIA forearm.



Device Holder for SAM-Twin Phantom

The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5mm distance, a positioning uncertainty of $\pm 0.5\text{mm}$ would produce uncertainty in the SAR of $\pm 20\%$. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions at which the devices must be measured are defined by the standards.

MD4HHTV5 - Mounting Device for Hand-Held Transmitters

In combination with the Twin SAM V5.0/V5.0c or ELI phantoms, the Mounting Device for Hand-Held Transmitters enables rotation of the mounted transmitter device to specified spherical coordinates. At the heads, the rotation axis is at the ear opening. Transmitter devices can be easily and accurately positioned according to IEC 62209-1, IEEE 1528, FCC, or other specifications. The device holder can be locked for positioning at different phantom sections (left head, right head, flat).

Material: Polyoxymethylene (POM)



MDA4WTV5 - Mounting Device Adaptor for Ultra Wide Transmitters

An upgrade kit to Mounting Device to enable easy mounting of wider devices like big smart-phones, e-books, small tablets, etc. It holds devices with width up to 140 mm.

Material: Polyoxymethylene (POM)



MDA4SPV6 - Mounting Device Adaptor for Smart Phones

The solid low-density MDA4SPV6 adaptor assuring no impact on the DUT radiation performance and is conform with any DUT design and shape.

Material: ROHACELL



MD4LAPV5 - Mounting Device for Laptops and other Body-Worn Transmitters

In combination with the Twin SAM V5.0/V5.0c or ELI phantoms, the Mounting Device (Body-Worn) enables testing of transmitter devices according to IEC 62209-2 specifications. The device holder can be locked for positioning at a flat phantom section.

Material: Polyoxymethylene (POM), PET-G, Foam



MDA4LAP - Mounting Device Adaptor for Laptops

A simple but effective and easy-to-use extension for the Mounting Device; facilitates testing of larger devices (e.g., laptops, cameras, etc.) according to IEC 62209-2; lightweight and fits easily on the upper part of the Mounting Device in place of the phone positioner. The extension is fully compatible with the Twin SAM as well as ELI and other Flat Phantoms.

Material: Polyoxymethylene (POM), PET-G, Foam



Modulation and Interference Analyzer(MAIA)

MAIA is a hardware interface used to evaluate the modulation and audio interference characteristics of RF signals in the frequency range 698 - 6000 MHz. DASY6 evaluates the time-domain and frequency domain properties of the uplink signal transmitted by the DUT during SAR measurement with MAIA. MAIA uses USB powered active electronics to identify the modulation of the DUT. It can be operated over the air interface using the built-in ultra-broadband planar log spiral antenna (698 - 6000 MHz) or in conducted mode using the coaxial SMA 50 Ohm connector (300 - 6000 MHz).



To prevent damage in conducted mode due to high peak power, an external RF attenuator may be mounted. The LED on the MAIA hardware also indicates whether it is connected.

DAK-3.5 (200MHz – 20GHz)

This precision dielectric measurement system is designed to cover the 200MHz – 20GHz frequency range with a single open-ended coaxial dielectric probe. The system uses advanced algorithms and novel hardware to measure the dielectric properties of liquids, solids, and semi-solids over a broad range of parameters. The measurement method is fast and non-destructive to the material under test.



Evaluation of reference liquids over a broad frequency range for specific absorption rate (SAR) measurements, in accordance with IEC 62209, IEEE 1528, and several federal regulations.

Evaluating Software: DAK software version 2.0

MRT simulating liquid

Product	Test Frequency (MHz)	Main Ingredients
HSL450	400 – 500	Water, Sucrose, NaCl
MSL450	400 – 500	Water, Sucrose, NaCl

Speag Broad-Band simulating liquid

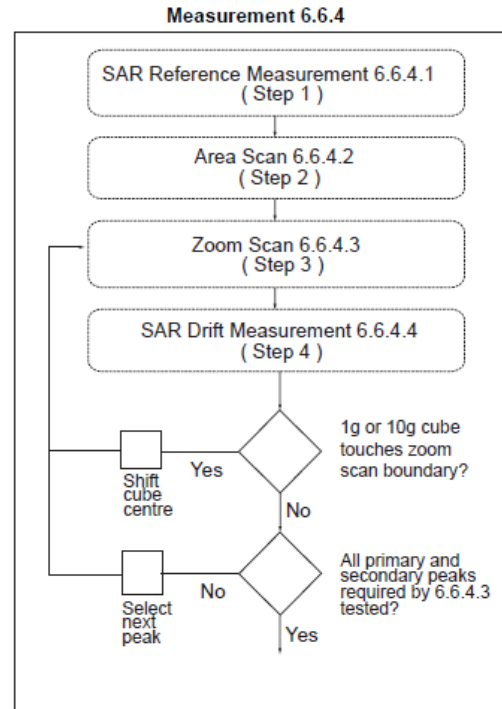
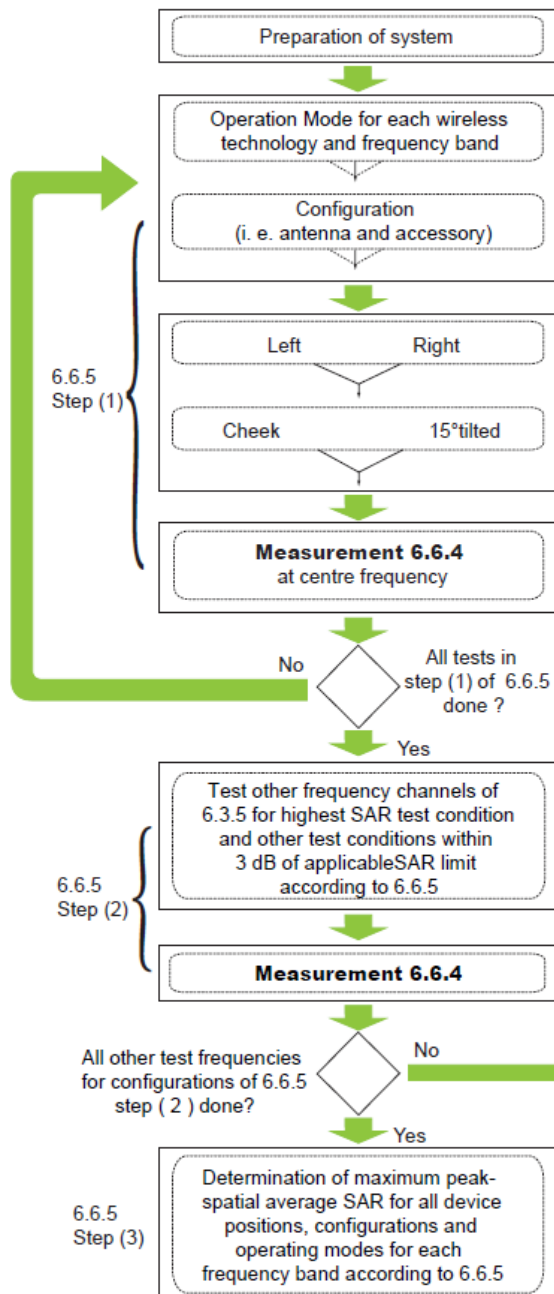
Product	Test Frequency (MHz)	Main Ingredients
HBBL600-10000V6	600 – 10000	Water, Oil
MBBL600-6000V6	600 – 6000	Water, Oil

5. The SAR Measurement Procedure

5.1. Measurement Process Diagram

General Procedure

For IEEE1528-2013 Head SAR



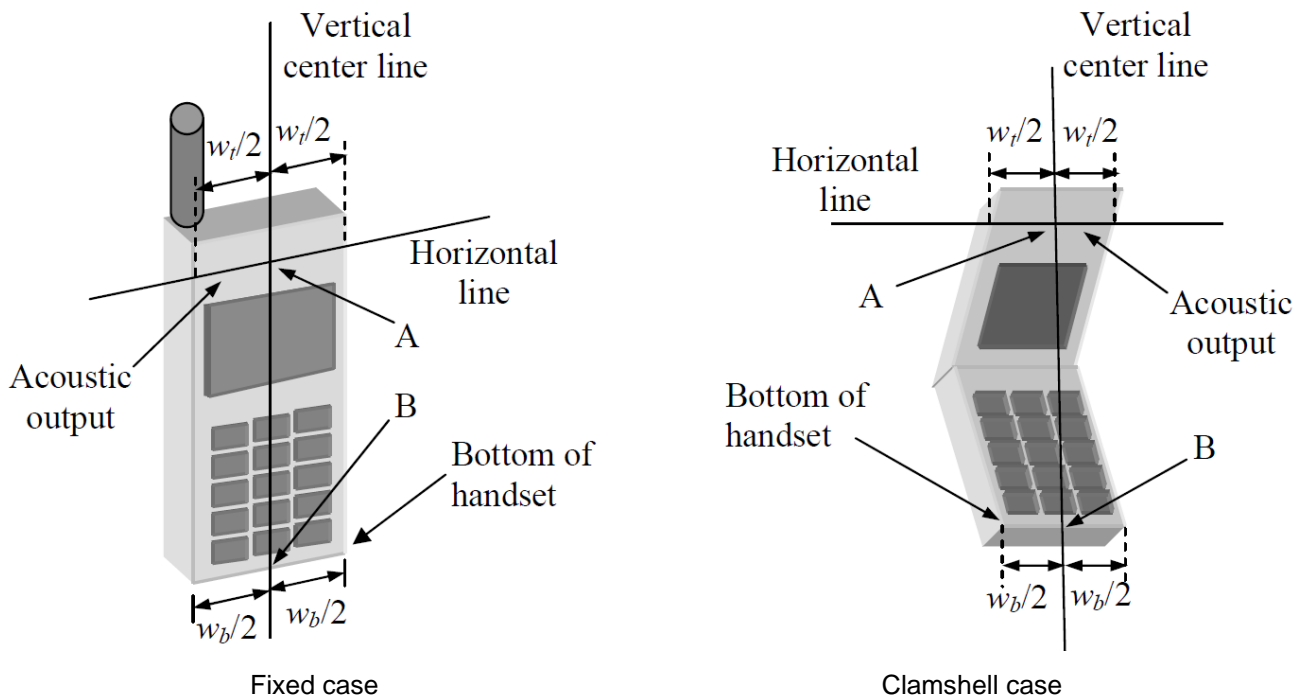
For Body SAR

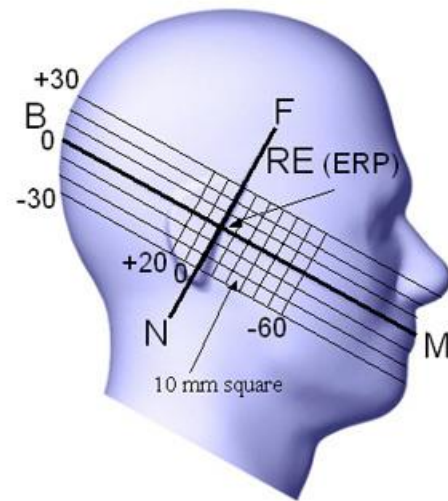
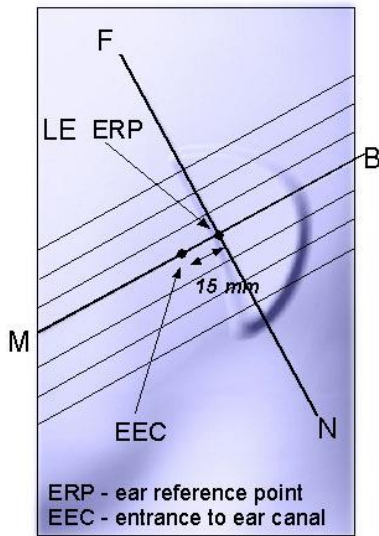
SAR scan procedures described in section 2.7 of KDB 865664 D01 v01r04 should be applied to body SAR test.

5.2. Test Position Definition

■ Head SAR Test Position

Define two imaginary lines on the handset—the vertical centerline and the horizontal line. 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 [point A in Fixed case and Clamshell case], and the midpoint of the width w_b at the bottom of the handset (point B). The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output [see Fixed case]. The horizontal line is also tangential to the face of the handset at point A. The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset [see Clamshell case], especially for clamshell handsets, handsets with flip covers, and other irregularly-shaped handsets, the vertical centerline passes through point A but not the tip edge of the phone.




Key

- B Direction of B-M line back endpoint
- F Direction of N-F line front endpoint
- N Direction of N-F line neck endpoint
- M Mouth reference point
- LE Left ear reference point (ERP)

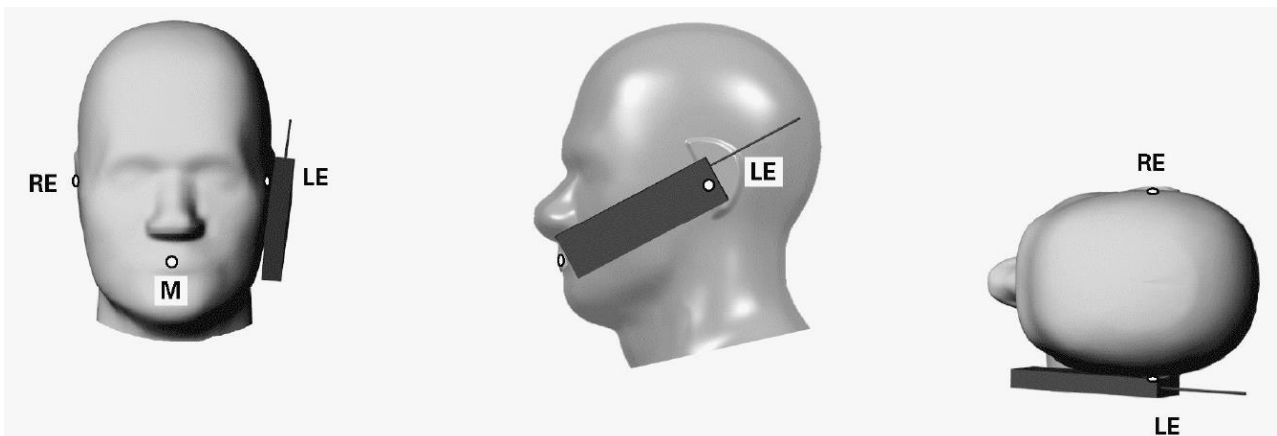
Key

- B Line B-M back endpoint
- M Line B-M front endpoint
- N Line N-F neck endpoint
- F Line N-F front endpoint
- RE Right ear reference point (ERP)

Cheek Position

The cheek position has the following characteristics, based on the geometrical lines described above:

- The N-F line (see above) is in the plane defined by the handset vertical centerline and horizontal line
- Handset touches the pinna
- The handset vertical centerline is aligned with the Reference Plane.

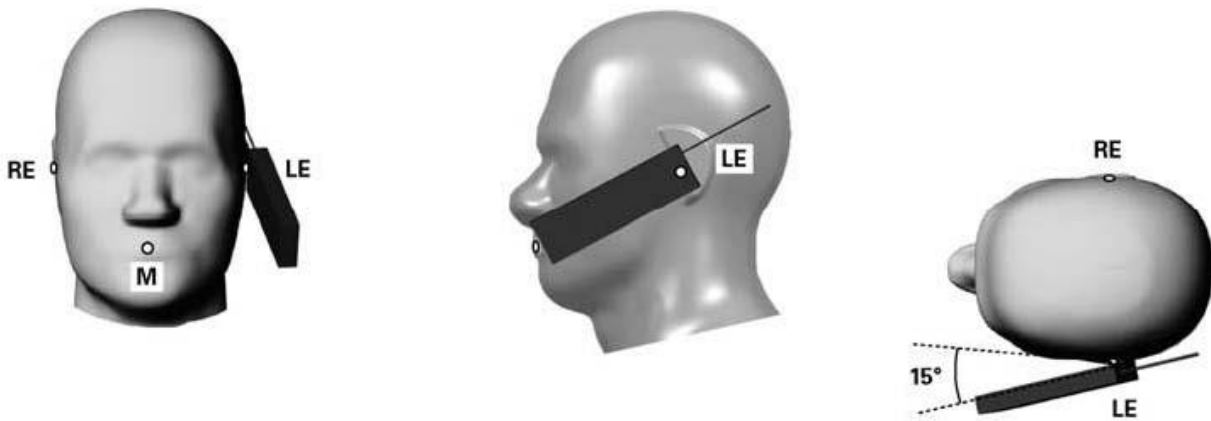

Key

- M Mouth reference point
- LE Left ear reference point
- RE Right ear reference point

Tilt Position

The tilt position is established as follows:

- Repeat the steps to place the device in the cheek position.
- While maintaining the orientation of the handset, move the handset away from the pinna along the line passing through RE and LE far enough to allow a rotation of the handset away from the cheek by 15°.
- Rotate the handset around the horizontal line by 15°.
- While maintaining the orientation of the handset, move the handset towards the phantom on the line passing through RE and LE until any part of the handset touches the ear. The tilt position is obtained when the contact point is on the pinna. If contact occurs at any location other than the pinna, e.g., the antenna at the back of the phantom head, the angle of the handset shall be reduced. In this case, the tilt position is obtained if any point on the handset is in contact with the pinna and a second point on the handset is in contact with the phantom, e.g., the antenna with the back of the head.



Key

- M Mouth reference point
- LE Left ear reference point
- RE Right ear reference point

■ Body SAR Test Position

For body-worn accessory, hotspot mode and other exposure conditions to human body should be conducted pursuant to the test position requirements of SAR KDBs for certain product.

5.3. Test Procedure

Step 1 Setup a Connection

First, engineer should record the conducted power before the test. Then establish a call in handset at the maximum power level with a base station simulator via air interface, or make the EUT establish transmission by itself in testing band. Place the EUT to certain test position.

Step 2 Power Reference Measurements

To measure the local E-field value at a fixed location which value will be taken as a reference value for calculating a possible power drift.

Step 3 Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASYS software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE Standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan). If only one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of Zoom Scans has to be increased accordingly.

Area Scan Parameters extracted from KDB 865664 D01v01r04

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 mm ± 1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2)$ mm ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}	≤ 2 GHz: ≤ 15 mm 2 - 3 GHz: ≤ 12 mm	3 - 4 GHz: ≤ 12 mm 4 - 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details.		

Step 4 Zoom Scan

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1 g and 10 g and displays these values next to the job's label.

Zoom Scan Parameters extracted from KDB 865664 D01 v01r04

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: Δx_{Zoom} , Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 - 3 GHz: ≤ 5 mm*	3 - 4 GHz: ≤ 5 mm* 4 - 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 - 4 GHz: ≤ 4 mm 4 - 5 GHz: ≤ 3 mm 5 - 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 - 4 GHz: ≤ 3 mm 4 - 5 GHz: ≤ 2.5 mm 5 - 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5 · $\Delta z_{Zoom}(n-1)$ mm	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3-4 GHz: ≥ 28 mm 4-5 GHz: ≥ 25 mm 5-6 GHz: ≥ 22 mm
Note: * When zoom scan is required and the reported SAR from the area scan based 1-g SAR estimation procedures of KDB Publication 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

Step 5 Power Drift Measurements

Repetition of the E-field measurement at the fixed location mentioned in Step 1 to make sure the two results differ by less than ± 0.2 dB.

Step 6 Test Data

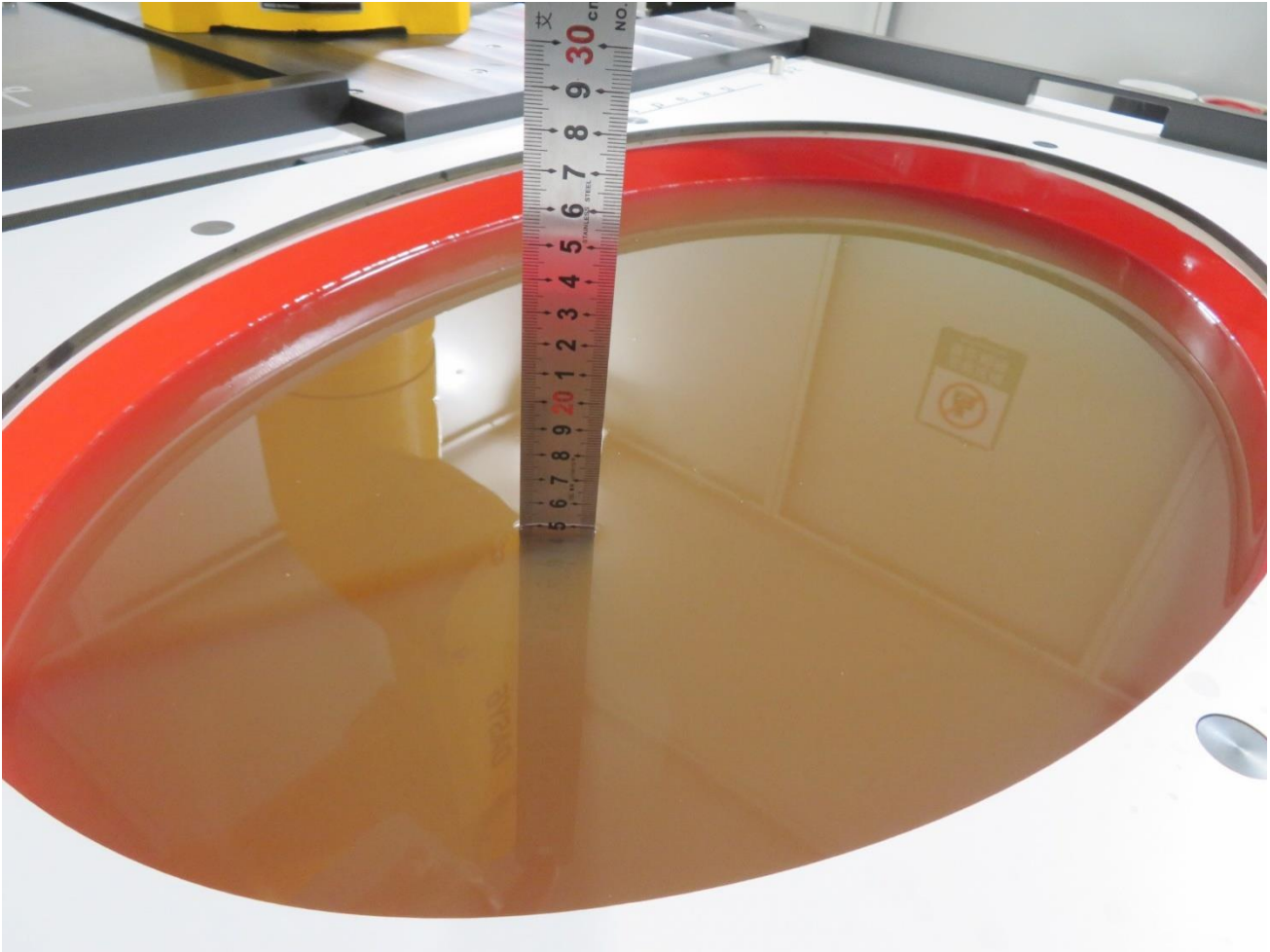
After the test, SAR test data should be exported by SEMCAD.

6. System Verificaiton

6.1. SAR Tissue Check

- Refer to KDB 865664 D01 v01r04, the depth of tissue-equivalent liquid in a phantom must be ≥ 15.0 cm with $\leq \pm 0.5$ cm variation for SAR measurements ≤ 3 GHz and ≥ 10.0 cm with $\leq \pm 0.5$ cm variation for measurements > 3 GHz.

15cm Depth Head Tissue for ELI Phantom



■ Dielectric properties of the head tissue-equivalent liquid

Frequency MHz	Relative Permittivity ϵ_r	Conductivity (σ) S/m
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1 450	40.5	1.20
<i>1 500</i>	<i>40.4</i>	<i>1.23</i>
<i>1 640</i>	<i>40.2</i>	<i>1.31</i>
<i>1 750</i>	<i>40.1</i>	<i>1.37</i>
1 800	40.0	1.40
1 900	40.0	1.40
2 000	40.0	1.40
<i>2 100</i>	<i>39.8</i>	<i>1.49</i>
<i>2 300</i>	<i>39.5</i>	<i>1.67</i>
2 450	39.2	1.80
<i>2 600</i>	<i>39.0</i>	<i>1.96</i>
3 000	38.5	2.40
<i>3 500</i>	<i>37.9</i>	<i>2.91</i>
<i>4 000</i>	<i>37.4</i>	<i>3.43</i>
<i>4 500</i>	<i>36.8</i>	<i>3.94</i>
<i>5 000</i>	<i>36.2</i>	<i>4.45</i>
<i>5 200</i>	<i>36.0</i>	<i>4.66</i>
<i>5 400</i>	<i>35.8</i>	<i>4.86</i>
<i>5 600</i>	<i>35.5</i>	<i>5.07</i>
<i>5 800</i>	<i>35.3</i>	<i>5.27</i>
6 000	35.1	5.48

Note: For convenience, permittivity and conductivity values are linearly interpolated for frequencies that are not a part of the original data from Drossos et al. [2]. They are shown in italics in Table 2. The italicized values are linearly interpolated (below 5 800 MHz) or extrapolated (above 5 800 MHz) from the non-italicized values that are immediately above and below these values.

■ Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using DASY6 Dielectric Assessment Kit and keysight Network Analyzer.

Freq. (MHz)	Perm.	Cond.	Target Perm.	Target Cond.	Deviation Perm. %	Deviation Cond. %	Tissue Temperature	Test Date
750	42.99	0.89	41.94	0.89	2.50	0.00	22.5°C	2025-05-14
850	43.27	0.91	41.50	0.92	4.27	-1.09	22.5°C	2025-05-14
850	42.74	0.92	41.50	0.92	2.99	0.00	22.5°C	2025-05-20
1750	41.62	1.32	40.08	1.37	3.84	-3.65	22.5°C	2025-05-16
1750	41.17	1.31	40.08	1.37	2.72	-4.38	22.5°C	2025-05-05
1900	41.34	1.42	40.00	1.40	3.35	1.43	22.5°C	2025-05-23
1900	41.02	1.39	40.00	1.40	2.55	-0.71	22.5°C	2025-05-05
2450	40.78	1.80	39.20	1.80	4.03	0.00	22.5°C	2025-04-23
2600	40.58	1.93	39.01	1.96	4.02	-1.53	22.5°C	2025-05-17
3500	38.86	2.71	37.93	2.91	2.45	-6.87	22.5°C	2025-05-15
3700	38.49	2.89	37.70	3.12	2.10	-7.37	22.5°C	2025-05-15
3900	38.19	3.09	37.47	3.32	1.92	-6.93	22.5°C	2025-05-16
5250	35.76	4.54	35.93	4.71	-0.47	-3.61	22.5°C	2025-04-23
5600	35.14	4.92	35.53	5.07	-1.10	-2.96	22.5°C	2025-04-24
5800	34.80	5.15	35.30	5.27	-1.42	-2.28	22.5°C	2025-04-24

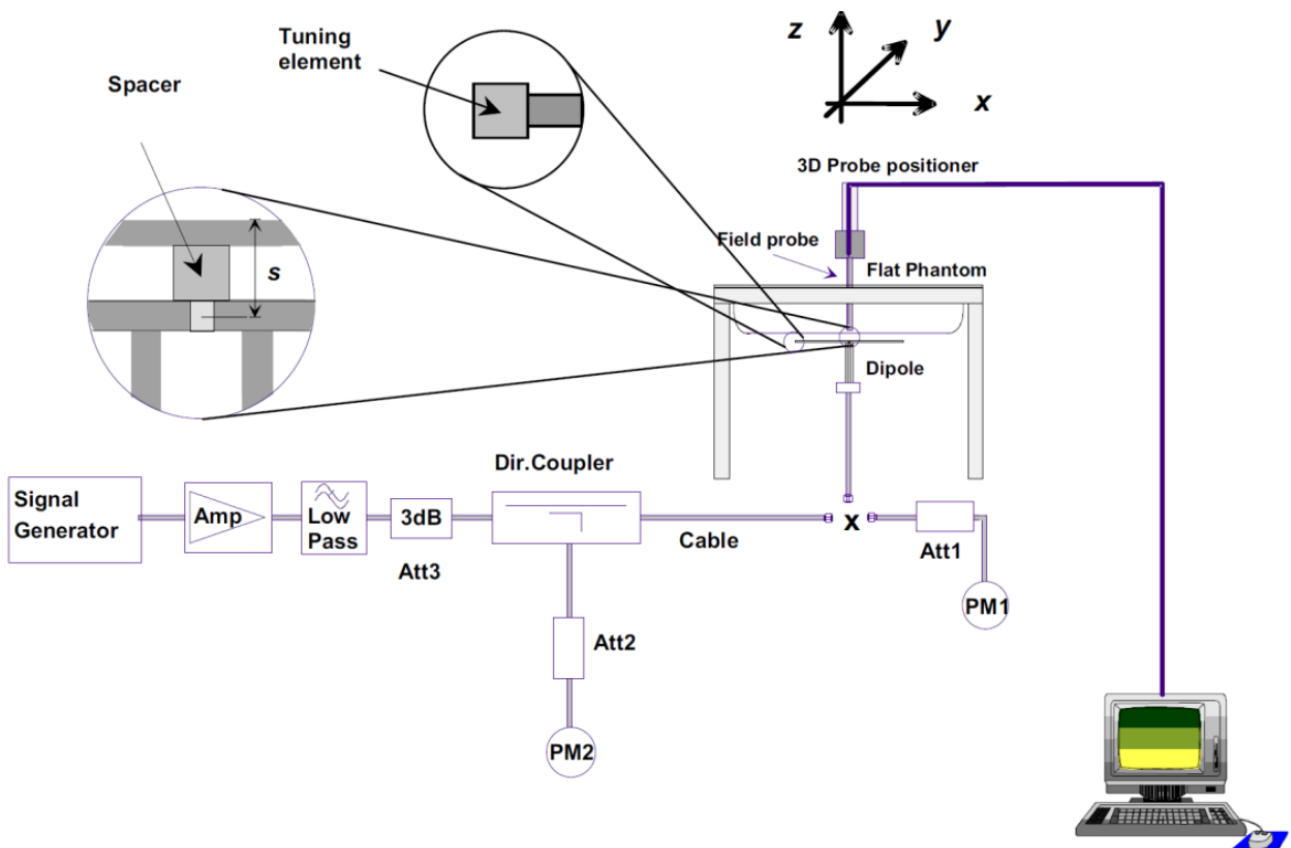
Note: SAR correction formula was used when deviation of tissue parameter exceeded 5%.

6.2. SAR System Check

■ Purpose

The purpose of the system check is to verify that the system operates within its specifications at the device test frequencies. System check verifies the measurement repeatability of a SAR system before compliance testing and is not a validation of all system specifications. The latter is not required for testing a device but is mandatory before the system is deployed.

■ System Performance Check Setup Diagram



■ System Check Procedure

The system check procedure is a complete 1g and 10g peak spatial-average SAR measurement using a source having a previously determined system check target value. The measured 1g and 10g SAR are normalized to the target input power of the specific source and compared to their respective target values. A description of the different measurement tasks to be performed is given below, together with the information that can be deduced from their results:

- a. The Power Reference Measurement and Power Drift Measurement are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure. The indicated drift is mainly the variation of the amplifier output power. If it is too high (above ± 0.1 dB), the

system check should be repeated; some amplifiers have very high drift during warm-up. A stable amplifier gives drift results in the DASY6 system below ± 0.02 dB.

b. The second step is optional. For probes with integrated optical surface detection sensor this step must be conducted, otherwise the step can be skipped. The Surface Check tests the optical surface detection system of the DASY6 system by repeatedly detecting the surface with the optical and mechanical surface detector and comparing the results. The output gives the detecting heights of both systems, the difference between the two systems and the standard deviation of the detection repeatability. Air bubbles or refraction in the liquid due to separation of the sugar-water mixture gives poor repeatability (above ± 0.1 mm). In that case it is better to abort the system check and stir the liquid.

c. The Area Scan measures the SAR above the dipole on a plane parallel to the surface. It is used to locate the approximate location of the peak SAR. The proposed scan uses large grid spacing for faster measurement; due to the symmetric field, the peak detection is reliable. If a finer graphic is desired, the grid spacing can be reduced. Grid spacing and orientation have no influence on the SAR result.

d. The Zoom Scan measures the field in a volume around the peak SAR value assessed in the previous Area Scan.

If the system check gives reasonable results, the SAR peak, 1 g and 10 g spatial average SAR values normalized to 1 W dipole input power give reference data for comparisons. The next sections analyze the expected uncertainties of these values, as well as additional checks for further information or troubleshooting.

■ Result of System Performance Check

Freq. (MHz)	1g SAR (W/kg)	10g SAR (W/kg)	Target 1g SAR (W/kg)	Target 10g SAR (W/kg)	Deviation 1g SAR (%)	Deviation 10g SAR (%)	Tissue Temp.	Test Date
750	8.92	6.04	8.54	5.62	4.45	7.47	22.5°C	2025-05-14
850	10.08	6.76	9.95	6.41	1.31	5.46	22.5°C	2025-05-14
850	10.20	6.84	9.95	6.41	2.51	6.71	22.5°C	2025-05-20
1750	35.48	19.60	37.00	19.70	-4.11	-0.51	22.5°C	2025-05-16
1750	36.20	20.00	37.00	19.70	-2.16	1.52	22.5°C	2025-05-05
1900	40.80	22.00	39.80	20.90	2.51	5.26	22.5°C	2025-05-23
1900	40.40	21.88	39.80	20.90	1.51	4.69	22.5°C	2025-05-05
2450	49.20	23.88	53.00	24.70	-7.17	-3.32	22.5°C	2025-04-23
2600	56.00	26.28	55.50	25.20	0.90	4.29	22.5°C	2025-05-17
3500	67.70	26.70	65.60	24.90	3.20	7.23	22.5°C	2025-05-15
3700	68.80	26.10	66.40	24.30	3.61	7.41	22.5°C	2025-05-15
3900	71.30	25.90	67.50	24.00	5.63	7.92	22.5°C	2025-05-16
5250	82.70	23.80	77.90	21.70	6.16	9.68	22.5°C	2025-04-23
5600	84.50	24.30	81.70	22.70	3.43	7.05	22.5°C	2025-04-24
5800	80.10	22.70	77.80	21.50	2.96	5.58	22.5°C	2025-04-24

Notes:

1. The $\pm 10\%$ deviation of system check result is required.
2. System check value listed above has been harmonized to 1W.

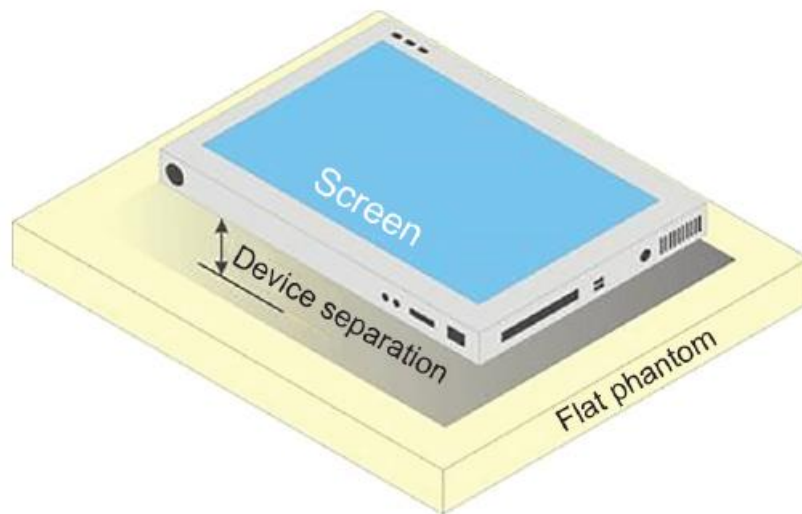
7. Proximity Sensor Triggering Test

7.1. Introduction

Proximity sensors are used to reduce the output power of the DUT based on the distance to users and nearby objects. When the device is operating at closer than the triggering distance of the proximity sensor, the maximum output power of a DUT is reduced to ensure SAR compliance. At distances larger than the sensor triggering distance, the proximity sensor is disabled and the maximum output power is restored.

7.2. Triggering distances for perpendicular orientation

Proximity sensor triggering distance testing was performed according to the procedures outlined in KDB 626217 v01r02 section 6.2, and EUT moving further away from and toward the flat phantom were both assessed. The details are illustrated as following, and the shortest triggering distances were reported and used for SAR assessment.



Antenna	Position	Minimum trigger distance (mm)	
		Moving toward	Moving away
ANT 0	Back	15	16
ANT 1	Back	13	15

7.3. Triggering distances for tilted orientation

Since only **Back Side** of DUT performs reduced power SAR measurement, these procedures do not apply and not required for this device.

7.4. Triggering distances for sensor coverage area

Since the antenna and sensor are collocated and all of the peak SAR location is overlapping with the sensor pad on this device, these procedures do not apply and are not required.

7.5. Test distance

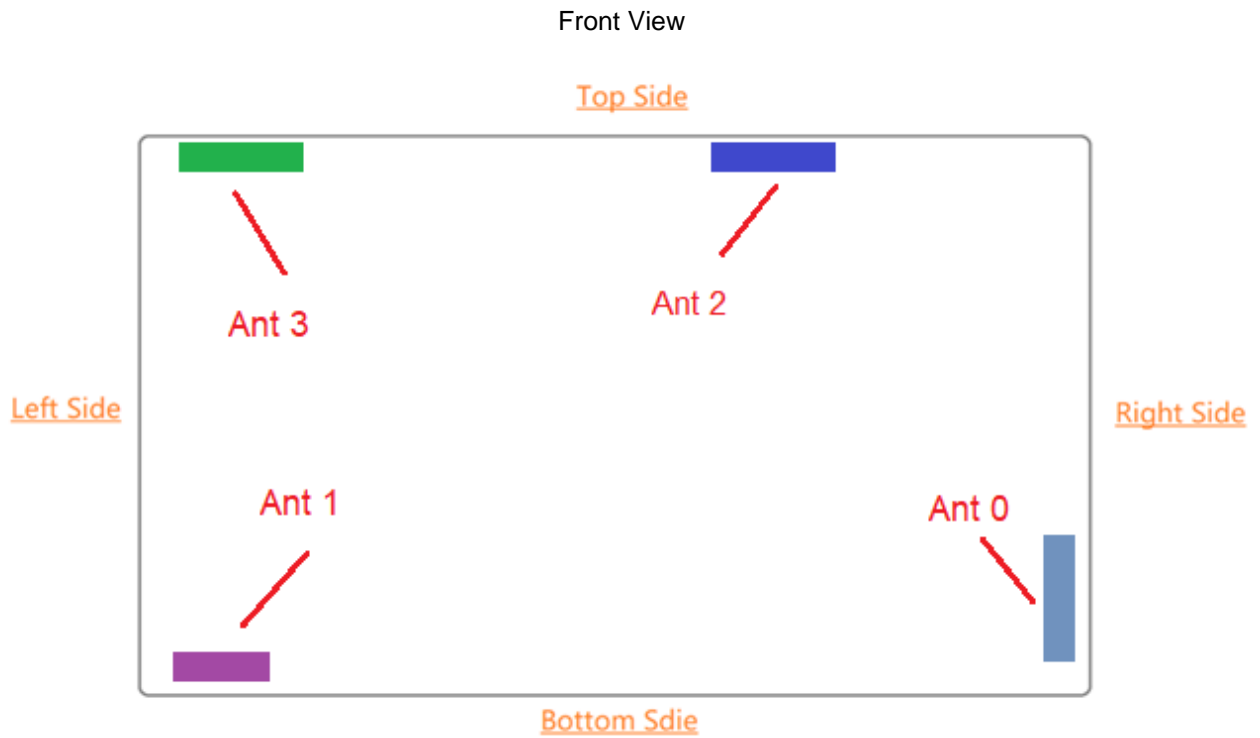
Two different maximum output power levels are applied according to the triggering conditions of the proximity sensor. SAR measurements shall be performed for the two different maximum output power state and test distance combinations.

- a) Full power: SAR tests shall be performed at the test separation distance corresponding to the minimum sensor triggering distance minus 1 mm among all above triggering and coverage tests.
- b) Reduced power: SAR tests shall be performed at the closest intended use distance or at the closest distance required by the regulator.

Antenna	Position	Test distance (mm)
ANT 0	Back	14
ANT 1	Back	12

8. Analysis and Results

8.1. Antenna Location



Note: The overall diagonal dimension of EUT is 295mm.

8.2. Conducted Power

■ GSM 850

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)	Frame Average Power
GSM Voice		128	824.2	32.53	33.5	23.50
		189	836.4	33.07	33.5	24.04
		251	848.8	32.95	33.5	23.92
GPRS	1 slot	128	824.2	33.26	33.5	24.23
		189	836.4	32.45	33.5	23.42
		251	848.8	32.94	33.5	23.91
	2 slot	128	824.2	30.89	32.5	24.87
		189	836.4	31.37	32.5	25.35
		251	848.8	31.61	32.5	25.59
	3 slot	128	824.2	28.95	30.5	24.69
		189	836.4	28.34	30.5	24.08
		251	848.8	29.72	30.5	25.46
	4 slot	128	824.2	27.38	29.0	24.37
		189	836.4	27.47	29.0	24.46
		251	848.8	28.01	29.0	25.00
EGPRS(GMSK)	1 slot	128	824.2	33.44	33.5	24.41
		189	836.4	32.96	33.5	23.93
		251	848.8	32.71	33.5	23.68
	2 slot	128	824.2	31.02	32.5	25.00
		189	836.4	31.89	32.5	25.87
		251	848.8	31.37	32.5	25.35
	3 slot	128	824.2	29.17	30.5	24.91
		189	836.4	28.82	30.5	24.56
		251	848.8	29.31	30.5	25.05
	4 slot	128	824.2	27.45	29.0	24.44
		189	836.4	27.76	29.0	24.75
		251	848.8	27.66	29.0	24.65

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EGPRS(8PSK)	1 slot	128	824.2	27.79	29.0	18.76
		189	836.4	27.85	29.0	18.82
		251	848.8	28.88	29.0	19.85
	2 slot	128	824.2	27.48	28.0	21.46
		189	836.4	27.18	28.0	21.16
		251	848.8	27.12	28.0	21.10
	3 slot	128	824.2	26.81	27.5	22.55
		189	836.4	26.97	27.5	22.71
		251	848.8	27.02	27.5	22.76
	4 slot	128	824.2	26.29	27.0	23.28
		189	836.4	26.31	27.0	23.30
		251	848.8	26.32	27.0	23.31

■ GSM1900 - Full Power

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)	Frame Average Power
GSM Voice		512	1850.2	30.03	30.5	21.00
		661	1880	29.75	30.5	20.72
		810	1909.8	29.84	30.5	20.81
GPRS	1 slot	512	1850.2	30.02	30.5	20.99
		661	1880	29.68	30.5	20.65
		810	1909.8	29.85	30.5	20.82
	2 slot	512	1850.2	28.88	29.0	22.86
		661	1880	28.67	29.0	22.65
		810	1909.8	28.79	29.0	22.77
	3 slot	512	1850.2	26.86	27.5	22.60
		661	1880	26.76	27.5	22.50
		810	1909.8	26.87	27.5	22.61
	4 slot	512	1850.2	24.83	25.0	21.82
		661	1880	24.72	25.0	21.71
		810	1909.8	24.67	25.0	21.66
EGPRS(GMSK)	1 slot	512	1850.2	30.12	30.5	21.09
		661	1880	29.79	30.5	20.76
		810	1909.8	29.93	30.5	20.90
	2 slot	512	1850.2	28.87	29.0	22.85
		661	1880	28.69	29.0	22.67
		810	1909.8	28.79	29.0	22.77
	3 slot	512	1850.2	27.09	27.5	22.83
		661	1880	26.81	27.5	22.55
		810	1909.8	26.71	27.5	22.45
	4 slot	512	1850.2	24.88	25.0	21.87
		661	1880	24.74	25.0	21.73
		810	1909.8	24.71	25.0	21.70

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EGPRS(8PSK)	1 slot	512	1850.2	26.05	27.0	17.02
		661	1880	25.98	27.0	16.95
		810	1909.8	25.94	27.0	16.91
	2 slot	512	1850.2	25.92	26.5	19.90
		661	1880	25.93	26.5	19.91
		810	1909.8	25.88	26.5	19.86
	3 slot	512	1850.2	25.69	26.0	21.43
		661	1880	25.81	26.0	21.55
		810	1909.8	25.79	26.0	21.53
	4 slot	512	1850.2	24.76	25.0	21.75
		661	1880	24.73	25.0	21.72
		810	1909.8	24.41	25.0	21.40

■ GSM1900 - Reduced Power

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)	Frame Average Power
GSM Voice		512	1850.2	23.89	24.5	14.86
		661	1880	23.82	24.5	14.79
		810	1909.8	23.90	24.5	14.87
GPRS	1 slot	512	1850.2	23.89	24.5	14.86
		661	1880	23.84	24.5	14.81
		810	1909.8	23.94	24.5	14.91
	2 slot	512	1850.2	24.11	24.5	18.09
		661	1880	24.32	24.5	18.30
		810	1909.8	24.14	24.5	18.12
	3 slot	512	1850.2	20.74	21.0	16.48
		661	1880	20.91	21.0	16.65
		810	1909.8	20.59	21.0	16.33
	4 slot	512	1850.2	20.27	21.0	17.26
		661	1880	20.44	21.0	17.43
		810	1909.8	20.18	21.0	17.17
EGPRS(GMSK)	1 slot	512	1850.2	23.91	24.5	14.88
		661	1880	23.85	24.5	14.82
		810	1909.8	23.94	24.5	14.91
	2 slot	512	1850.2	24.11	24.5	18.09
		661	1880	24.31	24.5	18.29
		810	1909.8	23.27	24.5	17.25
	3 slot	512	1850.2	20.76	21.0	16.50
		661	1880	20.93	21.0	16.67
		810	1909.8	20.61	21.0	16.35
	4 slot	512	1850.2	20.29	21.0	17.28
		661	1880	20.44	21.0	17.43
		810	1909.8	19.65	21.0	16.64

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EGPRS(8PSK)	1 slot	512	1850.2	24.00	24.5	14.97
		661	1880	24.13	24.5	15.10
		810	1909.8	24.06	24.5	15.03
	2 slot	512	1850.2	23.39	24.5	17.37
		661	1880	23.49	24.5	17.47
		810	1909.8	23.21	24.5	17.19
	3 slot	512	1850.2	20.28	21.0	16.02
		661	1880	20.45	21.0	16.19
		810	1909.8	20.21	21.0	15.95
	4 slot	512	1850.2	19.76	21.0	16.75
		661	1880	19.84	21.0	16.83
		810	1909.8	19.58	21.0	16.57

■ WCDMA Band 2 - Full Power

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)
12.2kbps RMC		9262	1852.4	24.41	25.0
		9400	1880	24.39	25.0
		9538	1907.6	24.30	25.0
HSDPA	SUB-TEST 1	9262	1852.4	23.42	24.0
		9400	1880	23.40	24.0
		9538	1907.6	23.28	24.0
	SUB-TEST 2	9262	1852.4	23.44	24.0
		9400	1880	23.41	24.0
		9538	1907.6	23.31	24.0
	SUB-TEST 3	9262	1852.4	22.91	24.0
		9400	1880	22.89	24.0
		9538	1907.6	22.80	24.0
	SUB-TEST 4	9262	1852.4	22.94	24.0
		9400	1880	22.91	24.0
		9538	1907.6	22.78	24.0
HSUPA	SUB-TEST 1	9262	1852.4	23.45	24.0
		9400	1880	23.42	24.0
		9538	1907.6	23.25	24.0
	SUB-TEST 2	9262	1852.4	21.38	22.0
		9400	1880	21.35	22.0
		9538	1907.6	21.34	22.0
	SUB-TEST 3	9262	1852.4	22.49	23.0
		9400	1880	22.37	23.0
		9538	1907.6	22.28	23.0
	SUB-TEST 4	9262	1852.4	21.48	22.0
		9400	1880	21.47	22.0
		9538	1907.6	21.23	22.0
	SUB-TEST 5	9262	1852.4	23.41	24.0
		9400	1880	23.36	24.0
		9538	1907.6	23.26	24.0

■ WCDMA Band 2 - Reduced Power

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)
12.2kbps RMC		9262	1852.4	18.10	18.5
		9400	1880	18.07	18.5
		9538	1907.6	18.12	18.5
HSDPA	SUB-TEST 1	9262	1852.4	17.14	17.5
		9400	1880	17.07	17.5
		9538	1907.6	17.03	17.5
	SUB-TEST 2	9262	1852.4	17.12	17.5
		9400	1880	17.11	17.5
		9538	1907.6	17.04	17.5
	SUB-TEST 3	9262	1852.4	16.63	17.0
		9400	1880	16.58	17.0
		9538	1907.6	16.52	17.0
	SUB-TEST 4	9262	1852.4	16.64	17.0
		9400	1880	16.60	17.0
		9538	1907.6	16.55	17.0
HSUPA	SUB-TEST 1	9262	1852.4	17.07	17.5
		9400	1880	17.08	17.5
		9538	1907.6	17.02	17.5
	SUB-TEST 2	9262	1852.4	15.08	15.5
		9400	1880	15.08	15.5
		9538	1907.6	15.05	15.5
	SUB-TEST 3	9262	1852.4	16.08	16.5
		9400	1880	16.06	16.5
		9538	1907.6	16.04	16.5
	SUB-TEST 4	9262	1852.4	15.09	15.5
		9400	1880	15.09	15.5
		9538	1907.6	15.02	15.5
	SUB-TEST 5	9262	1852.4	17.10	17.5
		9400	1880	17.08	17.5
		9538	1907.6	17.01	17.5

■ WCDMA Band 4 - Full Power

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)
12.2kbps RMC		1312	1712.4	24.43	25.0
		1412	1732.4	24.47	25.0
		1513	1752.6	24.40	25.0
HSDPA	SUB-TEST 1	1312	1712.4	23.46	24.0
		1412	1732.4	23.47	24.0
		1513	1752.6	23.42	24.0
	SUB-TEST 2	1312	1712.4	23.49	24.0
		1412	1732.4	23.46	24.0
		1513	1752.6	23.44	24.0
	SUB-TEST 3	1312	1712.4	22.99	24.0
		1412	1732.4	22.98	24.0
		1513	1752.6	22.92	24.0
	SUB-TEST 4	1312	1712.4	23.02	24.0
		1412	1732.4	22.99	24.0
		1513	1752.6	22.94	24.0
HSUPA	SUB-TEST 1	1312	1712.4	23.50	24.0
		1412	1732.4	23.49	24.0
		1513	1752.6	23.31	24.0
	SUB-TEST 2	1312	1712.4	21.45	22.0
		1412	1732.4	21.47	22.0
		1513	1752.6	21.44	22.0
	SUB-TEST 3	1312	1712.4	22.37	23.0
		1412	1732.4	22.45	23.0
		1513	1752.6	22.36	23.0
	SUB-TEST 4	1312	1712.4	21.47	22.0
		1412	1732.4	21.42	22.0
		1513	1752.6	21.37	22.0
	SUB-TEST 5	1312	1712.4	23.49	24.0
		1412	1732.4	23.45	24.0
		1513	1752.6	23.36	24.0

■ WCDMA Band 4 - Reduced Power

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)
12.2kbps RMC		1312	1712.4	20.01	20.5
		1412	1732.4	20.00	20.5
		1513	1752.6	20.10	20.5
HSDPA	SUB-TEST 1	1312	1712.4	19.02	19.5
		1412	1732.4	19.11	19.5
		1513	1752.6	19.07	19.5
	SUB-TEST 2	1312	1712.4	19.01	19.5
		1412	1732.4	19.11	19.5
		1513	1752.6	19.09	19.5
	SUB-TEST 3	1312	1712.4	18.54	19.0
		1412	1732.4	18.60	19.0
		1513	1752.6	18.59	19.0
	SUB-TEST 4	1312	1712.4	18.53	19.0
		1412	1732.4	18.44	19.0
		1513	1752.6	18.60	19.0
HSUPA	SUB-TEST 1	1312	1712.4	19.02	19.5
		1412	1732.4	19.10	19.5
		1513	1752.6	19.08	19.5
	SUB-TEST 2	1312	1712.4	17.03	17.5
		1412	1732.4	17.09	17.5
		1513	1752.6	17.08	17.5
	SUB-TEST 3	1312	1712.4	18.05	18.5
		1412	1732.4	18.08	18.5
		1513	1752.6	18.06	18.5
	SUB-TEST 4	1312	1712.4	17.04	17.5
		1412	1732.4	17.10	17.5
		1513	1752.6	17.09	17.5
	SUB-TEST 5	1312	1712.4	19.03	19.5
		1412	1732.4	19.08	19.5
		1513	1752.6	19.07	19.5

■ WCDMA Band 5

Test Mode		CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)
12.2kbps RMC		4132	826.4	23.78	24.0
		4182	836.4	23.77	24.0
		4233	846.6	23.74	24.0
HSDPA	SUB-TEST 1	4132	826.4	22.82	23.0
		4183	836.6	22.82	23.0
		4233	846.6	22.77	23.0
	SUB-TEST 2	4132	826.4	22.80	23.0
		4183	836.6	22.82	23.0
		4233	846.6	22.78	23.0
	SUB-TEST 3	4132	826.4	22.31	23.0
		4183	836.6	22.31	23.0
		4233	846.6	22.27	23.0
	SUB-TEST 4	4132	826.4	22.31	23.0
		4183	836.6	22.33	23.0
		4233	846.6	22.26	23.0
HSUPA	SUB-TEST 1	4132	826.4	22.81	23.0
		4183	836.6	22.82	23.0
		4233	846.6	22.75	23.0
	SUB-TEST 2	4132	826.4	20.80	21.0
		4183	836.6	20.82	21.0
		4233	846.6	20.72	21.0
	SUB-TEST 3	4132	826.4	21.80	22.0
		4183	836.6	21.79	22.0
		4233	846.6	21.73	22.0
	SUB-TEST 4	4132	826.4	20.71	21.0
		4183	836.6	20.75	21.0
		4233	846.6	20.79	21.0
	SUB-TEST 5	4132	826.4	22.78	23.0
		4183	836.6	22.85	23.0
		4233	846.6	22.77	23.0

■ LTE Band 2 - Full Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	18700	1860	23.09	24.0	22.72	23.0	21.64	22.0
			18900	1880	23.12	24.0	22.51	23.0	21.48	22.0
			19100	1900	23.01	24.0	22.50	23.0	21.52	22.0
		49	18700	1860	22.99	24.0	22.57	23.0	21.50	22.0
			18900	1880	23.12	24.0	22.52	23.0	21.56	22.0
			19100	1900	23.15	24.0	22.56	23.0	21.51	22.0
		99	18700	1860	23.14	24.0	22.66	23.0	21.71	22.0
			18900	1880	23.11	24.0	22.80	23.0	21.68	22.0
			19100	1900	23.12	24.0	22.71	23.0	21.50	22.0
	50	0	18700	1860	22.47	23.0	21.41	22.0	20.53	21.0
			18900	1880	22.35	23.0	21.49	22.0	20.43	21.0
			19100	1900	22.36	23.0	21.41	22.0	20.38	21.0
		24	18700	1860	22.49	23.0	21.43	22.0	20.48	21.0
			18900	1880	22.33	23.0	21.41	22.0	20.40	21.0
			19100	1900	22.50	23.0	21.53	22.0	20.52	21.0
		50	18700	1860	22.48	23.0	21.45	22.0	20.49	21.0
			18900	1880	22.47	23.0	21.43	22.0	20.59	21.0
			19100	1900	22.40	23.0	21.41	22.0	20.53	21.0
	100	0	18700	1860	22.49	23.0	21.46	22.0	20.49	21.0
			18900	1880	22.44	23.0	21.34	22.0	20.48	21.0
			19100	1900	22.45	23.0	21.48	22.0	20.45	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	18675	1857.5	23.11	24.0	22.75	23.0	21.69	22.0
			18900	1880	23.15	24.0	22.69	23.0	21.62	22.0
			19125	1902.5	23.20	24.0	22.61	23.0	21.65	22.0
		37	18675	1857.5	23.16	24.0	22.88	23.0	21.65	22.0
			18900	1880	23.15	24.0	22.53	23.0	21.52	22.0
			19125	1902.5	23.15	24.0	22.43	23.0	21.65	22.0
		74	18675	1857.5	23.13	24.0	22.68	23.0	21.68	22.0
			18900	1880	23.18	24.0	22.68	23.0	21.70	22.0
			19125	1902.5	23.15	24.0	22.76	23.0	21.54	22.0
	36	0	18675	1857.5	22.54	23.0	21.54	22.0	20.53	21.0
			18900	1880	22.42	23.0	21.43	22.0	20.38	21.0
			19125	1902.5	22.51	23.0	21.52	22.0	20.52	21.0
		19	18675	1857.5	22.53	23.0	21.50	22.0	20.58	21.0
			18900	1880	22.51	23.0	21.55	22.0	20.57	21.0
			19125	1902.5	22.49	23.0	21.43	22.0	20.51	21.0
		39	18675	1857.5	22.60	23.0	21.52	22.0	20.64	21.0
			18900	1880	22.53	23.0	21.55	22.0	20.50	21.0
			19125	1902.5	22.48	23.0	21.37	22.0	20.49	21.0
	75	0	18675	1857.5	22.55	23.0	21.57	22.0	20.61	21.0
			18900	1880	22.49	23.0	21.41	22.0	20.39	21.0
			19125	1902.5	22.49	23.0	21.48	22.0	20.60	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	18650	1855	23.50	24.0	22.89	23.0	21.94	22.5
			18900	1880	23.38	24.0	22.73	23.0	21.95	22.5
			19150	1905	23.39	24.0	22.76	23.0	21.78	22.5
		24	18650	1855	23.51	24.0	22.68	23.0	22.03	22.5
			18900	1880	23.32	24.0	22.77	23.0	21.77	22.5
			19150	1905	23.40	24.0	22.81	23.0	21.79	22.5
		49	18650	1855	23.38	24.0	22.65	23.0	21.71	22.5
			18900	1880	23.35	24.0	22.86	23.0	21.59	22.5
			19150	1905	23.29	24.0	22.65	23.0	21.73	22.5
	25	0	18650	1855	22.69	23.0	21.71	22.0	20.77	21.0
			18900	1880	22.61	23.0	21.60	22.0	20.63	21.0
			19150	1905	22.69	23.0	21.62	22.0	20.64	21.0
		12	18650	1855	22.72	23.0	21.64	22.0	20.74	21.0
			18900	1880	22.64	23.0	21.74	22.0	20.73	21.0
			19150	1905	22.70	23.0	21.54	22.0	20.68	21.0
		25	18650	1855	22.66	23.0	21.72	22.0	20.71	21.0
			18900	1880	22.67	23.0	21.59	22.0	20.68	21.0
			19150	1905	22.64	23.0	21.67	22.0	20.70	21.0
	50	0	18650	1855	22.74	23.0	21.68	22.0	20.77	21.0
			18900	1880	22.52	23.0	21.54	22.0	20.52	21.0
			19150	1905	22.69	23.0	21.53	22.0	20.67	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	18625	1852.5	23.45	24.0	22.87	23.5	21.89	22.0
			18900	1880	23.43	24.0	22.91	23.5	21.67	22.0
			19175	1907.5	23.28	24.0	22.84	23.5	21.89	22.0
		12	18625	1852.5	23.31	24.0	22.74	23.5	21.73	22.0
			18900	1880	23.36	24.0	22.66	23.5	21.82	22.0
			19175	1907.5	23.62	24.0	22.53	23.5	21.73	22.0
		24	18625	1852.5	23.38	24.0	23.03	23.5	21.72	22.0
			18900	1880	23.22	24.0	22.88	23.5	21.78	22.0
			19175	1907.5	23.34	24.0	22.74	23.5	21.69	22.0
	12	0	18625	1852.5	22.81	23.0	21.83	22.0	20.89	21.0
			18900	1880	22.70	23.0	21.67	22.0	20.62	21.0
			19175	1907.5	22.67	23.0	21.77	22.0	20.83	21.0
		6	18625	1852.5	22.76	23.0	21.84	22.0	20.68	21.0
			18900	1880	22.72	23.0	21.66	22.0	20.72	21.0
			19175	1907.5	22.66	23.0	21.70	22.0	20.73	21.0
		13	18625	1852.5	22.69	23.0	21.74	22.0	20.68	21.0
			18900	1880	22.57	23.0	21.65	22.0	20.60	21.0
			19175	1907.5	22.51	23.0	21.51	22.0	20.59	21.0
	25	0	18625	1852.5	22.74	23.0	21.70	22.0	20.76	21.0
			18900	1880	22.65	23.0	21.59	22.0	20.66	21.0
			19175	1907.5	22.57	23.0	21.56	22.0	20.74	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	18615	1851.5	23.59	24.0	22.98	23.0	21.77	22.0
			18900	1880	23.57	24.0	22.85	23.0	21.67	22.0
			19185	1908.5	23.38	24.0	22.94	23.0	21.75	22.0
		7	18615	1851.5	23.46	24.0	22.98	23.0	21.85	22.0
			18900	1880	23.33	24.0	22.88	23.0	21.54	22.0
			19185	1908.5	23.23	24.0	22.55	23.0	21.69	22.0
		14	18615	1851.5	23.43	24.0	22.79	23.0	21.79	22.0
			18900	1880	23.29	24.0	22.83	23.0	21.70	22.0
			19185	1908.5	23.34	24.0	22.70	23.0	21.51	22.0
	8	0	18615	1851.5	22.81	23.0	22.00	22.5	20.80	21.0
			18900	1880	22.75	23.0	21.79	22.5	20.72	21.0
			19185	1908.5	22.68	23.0	21.73	22.5	20.71	21.0
		4	18615	1851.5	22.75	23.0	21.72	22.5	20.74	21.0
			18900	1880	22.66	23.0	21.74	22.5	20.70	21.0
			19185	1908.5	22.60	23.0	21.71	22.5	20.62	21.0
		7	18615	1851.5	22.63	23.0	21.74	22.5	20.58	21.0
			18900	1880	22.55	23.0	21.76	22.5	20.51	21.0
			19185	1908.5	22.55	23.0	21.48	22.5	20.55	21.0
	15	0	18615	1851.5	22.70	23.0	21.74	22.0	20.76	21.0
			18900	1880	22.67	23.0	21.60	22.0	20.60	21.0
			19185	1908.5	22.50	23.0	21.73	22.0	20.64	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	18607	1850.7	23.44	24.0	22.81	23.5	21.89	22.0
			18900	1880	23.36	24.0	22.73	23.5	21.74	22.0
			19193	1909.3	23.15	24.0	22.62	23.5	21.61	22.0
		2	18607	1850.7	23.39	24.0	22.86	23.5	21.79	22.0
			18900	1880	23.35	24.0	22.66	23.5	21.88	22.0
			19193	1909.3	23.20	24.0	22.77	23.5	21.79	22.0
		5	18607	1850.7	23.35	24.0	22.75	23.5	21.77	22.0
			18900	1880	23.23	24.0	22.54	23.5	21.64	22.0
			19193	1909.3	23.21	24.0	22.36	23.5	21.62	22.0
	3	0	18607	1850.7	23.48	24.0	22.78	23.5	21.51	22.0
			18900	1880	23.39	24.0	22.64	23.5	21.66	22.0
			19193	1909.3	23.22	24.0	22.48	23.5	21.51	22.0
		1	18607	1850.7	23.48	24.0	23.23	23.5	21.76	22.0
			18900	1880	23.36	24.0	22.72	23.5	21.54	22.0
			19193	1909.3	23.29	24.0	22.73	23.5	21.59	22.0
		3	18607	1850.7	23.37	24.0	22.69	23.5	21.64	22.0
			18900	1880	23.27	24.0	22.66	23.5	21.56	22.0
			19193	1909.3	23.23	24.0	22.50	23.5	21.33	22.0
	6	0	18607	1850.7	22.63	23.0	21.60	22.0	20.57	21.0
			18900	1880	22.58	23.0	21.63	22.0	20.64	21.0
			19193	1909.3	22.45	23.0	21.53	22.0	20.54	21.0

■ LTE Band 2 - Reduced Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	18700	1860	17.63	18.5	16.91	17.5	16.07	16.5
			18900	1880	17.61	18.5	16.82	17.5	16.08	16.5
			19100	1900	17.68	18.5	16.80	17.5	16.04	16.5
		49	18700	1860	17.62	18.5	16.73	17.5	15.87	16.5
			18900	1880	17.74	18.5	16.94	17.5	16.14	16.5
			19100	1900	17.63	18.5	16.95	17.5	16.08	16.5
		99	18700	1860	17.68	18.5	16.92	17.5	15.91	16.5
			18900	1880	17.75	18.5	16.99	17.5	16.18	16.5
			19100	1900	17.73	18.5	16.91	17.5	16.08	16.5
	50	0	18700	1860	16.84	17.5	15.87	16.5	14.87	15.5
			18900	1880	16.71	17.5	15.76	16.5	14.76	15.5
			19100	1900	16.83	17.5	15.87	16.5	14.79	15.5
		24	18700	1860	16.84	17.5	15.81	16.5	14.88	15.5
			18900	1880	16.71	17.5	15.76	16.5	14.85	15.5
			19100	1900	16.85	17.5	15.81	16.5	14.83	15.5
		50	18700	1860	16.80	17.5	15.72	16.5	14.80	15.5
			18900	1880	16.83	17.5	15.85	16.5	14.92	15.5
			19100	1900	16.78	17.5	15.82	16.5	14.85	15.5
	100	0	18700	1860	16.81	17.5	15.84	16.5	14.84	15.5
			18900	1880	16.78	17.5	15.72	16.5	14.83	15.5
			19100	1900	16.81	17.5	15.86	16.5	14.86	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	18675	1857.5	17.86	18.5	17.17	17.5	16.22	16.5
			18900	1880	17.71	18.5	17.00	17.5	15.85	16.5
			19125	1902.5	17.68	18.5	17.05	17.5	15.95	16.5
		37	18675	1857.5	17.73	18.5	16.85	17.5	16.06	16.5
			18900	1880	17.73	18.5	16.84	17.5	16.04	16.5
			19125	1902.5	17.68	18.5	17.08	17.5	15.87	16.5
		74	18675	1857.5	17.81	18.5	17.13	17.5	16.29	16.5
			18900	1880	17.72	18.5	17.04	17.5	16.13	16.5
			19125	1902.5	17.74	18.5	17.01	17.5	16.11	16.5
	36	0	18675	1857.5	16.92	17.5	15.92	16.5	14.89	15.5
			18900	1880	16.84	17.5	15.78	16.5	14.86	15.5
			19125	1902.5	16.83	17.5	15.85	16.5	14.90	15.5
		19	18675	1857.5	16.93	17.5	15.88	16.5	14.92	15.5
			18900	1880	16.81	17.5	15.77	16.5	14.85	15.5
			19125	1902.5	16.77	17.5	15.85	16.5	14.81	15.5
		39	18675	1857.5	16.84	17.5	15.79	16.5	14.91	15.5
			18900	1880	16.85	17.5	15.88	16.5	14.90	15.5
			19125	1902.5	16.78	17.5	15.81	16.5	14.90	15.5
	75	0	18675	1857.5	16.89	17.5	15.83	16.5	14.95	15.5
			18900	1880	16.81	17.5	15.84	16.5	14.85	15.5
			19125	1902.5	16.78	17.5	15.83	16.5	14.83	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	18650	1855	17.83	18.5	17.27	17.5	16.30	16.5
			18900	1880	17.83	18.5	17.28	17.5	16.19	16.5
			19150	1905	17.88	18.5	16.86	17.5	16.26	16.5
		24	18650	1855	17.80	18.5	17.04	17.5	16.23	16.5
			18900	1880	17.76	18.5	16.89	17.5	16.36	16.5
			19150	1905	17.71	18.5	16.93	17.5	15.90	16.5
		49	18650	1855	17.82	18.5	17.15	17.5	16.36	16.5
			18900	1880	17.81	18.5	16.85	17.5	16.19	16.5
			19150	1905	17.73	18.5	16.93	17.5	16.19	16.5
	25	0	18650	1855	17.11	17.5	16.08	16.5	15.13	15.5
			18900	1880	16.89	17.5	15.95	16.5	14.92	15.5
			19150	1905	16.97	17.5	16.05	16.5	15.04	15.5
		12	18650	1855	17.05	17.5	15.96	16.5	15.03	15.5
			18900	1880	16.97	17.5	16.03	16.5	15.01	15.5
			19150	1905	17.01	17.5	15.90	16.5	14.94	15.5
		25	18650	1855	17.05	17.5	15.99	16.5	15.06	15.5
			18900	1880	16.90	17.5	15.99	16.5	14.96	15.5
			19150	1905	16.84	17.5	15.89	16.5	15.00	15.5
	50	0	18650	1855	17.05	17.5	16.10	16.5	15.04	15.5
			18900	1880	16.89	17.5	15.83	16.5	14.94	15.5
			19150	1905	16.99	17.5	15.84	16.5	14.95	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	18625	1852.5	17.90	18.5	17.50	18.0	16.21	16.5
			18900	1880	17.89	18.5	17.32	18.0	15.94	16.5
			19175	1907.5	17.88	18.5	17.15	18.0	15.93	16.5
		12	18625	1852.5	17.93	18.5	17.29	18.0	16.13	16.5
			18900	1880	17.92	18.5	17.39	18.0	16.08	16.5
			19175	1907.5	17.90	18.5	16.89	18.0	16.01	16.5
		24	18625	1852.5	17.87	18.5	17.15	18.0	15.91	16.5
			18900	1880	17.80	18.5	17.34	18.0	16.09	16.5
			19175	1907.5	17.71	18.5	17.18	18.0	15.95	16.5
	12	0	18625	1852.5	17.16	17.5	15.94	16.5	15.06	15.5
			18900	1880	17.04	17.5	16.07	16.5	14.98	15.5
			19175	1907.5	16.94	17.5	16.03	16.5	14.90	15.5
		6	18625	1852.5	17.05	17.5	16.13	16.5	14.98	15.5
			18900	1880	16.98	17.5	15.94	16.5	15.10	15.5
			19175	1907.5	16.96	17.5	16.09	16.5	15.03	15.5
		13	18625	1852.5	16.96	17.5	15.96	16.5	15.04	15.5
			18900	1880	16.91	17.5	15.91	16.5	14.94	15.5
			19175	1907.5	16.78	17.5	15.87	16.5	14.97	15.5
	25	0	18625	1852.5	17.05	17.5	15.93	16.5	15.01	15.5
			18900	1880	17.04	17.5	16.00	16.5	15.02	15.5
			19175	1907.5	16.92	17.5	15.89	16.5	14.96	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	18615	1851.5	17.90	18.5	17.22	17.5	16.11	16.5
			18900	1880	17.88	18.5	17.06	17.5	16.29	16.5
			19185	1908.5	17.83	18.5	17.12	17.5	16.07	16.5
		7	18615	1851.5	17.83	18.5	17.26	17.5	16.04	16.5
			18900	1880	17.80	18.5	17.14	17.5	16.07	16.5
			19185	1908.5	17.70	18.5	17.09	17.5	15.91	16.5
		14	18615	1851.5	17.79	18.5	17.11	17.5	15.96	16.5
			18900	1880	17.69	18.5	17.14	17.5	16.05	16.5
			19185	1908.5	17.76	18.5	17.09	17.5	15.91	16.5
	8	0	18615	1851.5	17.08	17.5	16.05	16.5	15.08	15.5
			18900	1880	17.00	17.5	16.25	16.5	15.04	15.5
			19185	1908.5	16.96	17.5	16.04	16.5	14.98	15.5
		4	18615	1851.5	17.12	17.5	16.05	16.5	15.07	15.5
			18900	1880	17.00	17.5	16.05	16.5	14.86	15.5
			19185	1908.5	16.94	17.5	15.92	16.5	15.04	15.5
		7	18615	1851.5	16.98	17.5	16.06	16.5	15.00	15.5
			18900	1880	16.81	17.5	15.91	16.5	14.98	15.5
			19185	1908.5	16.86	17.5	15.90	16.5	14.96	15.5
	15	0	18615	1851.5	16.97	17.5	16.13	16.5	14.96	15.5
			18900	1880	16.88	17.5	15.93	16.5	14.94	15.5
			19185	1908.5	16.93	17.5	15.88	16.5	15.01	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	18607	1850.7	17.94	18.5	17.12	17.5	16.11	16.5
			18900	1880	17.94	18.5	17.37	17.5	16.06	16.5
			19193	1909.3	17.83	18.5	16.94	17.5	16.05	16.5
		2	18607	1850.7	17.90	18.5	17.22	17.5	16.10	16.5
			18900	1880	17.85	18.5	17.22	17.5	16.17	16.5
			19193	1909.3	17.85	18.5	16.84	17.5	16.18	16.5
		5	18607	1850.7	17.91	18.5	16.83	17.5	16.15	16.5
			18900	1880	17.74	18.5	17.05	17.5	16.06	16.5
			19193	1909.3	17.67	18.5	16.84	17.5	15.93	16.5
	3	0	18607	1850.7	17.94	18.5	17.05	17.5	16.03	16.5
			18900	1880	17.81	18.5	17.14	17.5	16.00	16.5
			19193	1909.3	17.80	18.5	16.86	17.5	15.83	16.5
		1	18607	1850.7	17.90	18.5	17.08	17.5	16.12	16.5
			18900	1880	17.86	18.5	17.02	17.5	16.09	16.5
			19193	1909.3	17.71	18.5	16.87	17.5	15.75	16.5
		3	18607	1850.7	17.89	18.5	16.95	17.5	15.87	16.5
			18900	1880	17.85	18.5	16.96	17.5	15.81	16.5
			19193	1909.3	17.70	18.5	16.92	17.5	15.90	16.5
	6	0	18607	1850.7	16.88	17.5	16.00	16.5	15.01	15.5
			18900	1880	16.96	17.5	15.85	16.5	14.91	15.5
			19193	1909.3	16.89	17.5	16.06	16.5	14.79	15.5

■ LTE Band 4 - Full Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	20050	1720	23.12	24.0	22.28	23.0	21.44	22.0
			20175	1732.5	23.22	24.0	22.48	23.0	21.31	22.0
			20300	1745	23.30	24.0	22.78	23.0	21.39	22.0
		49	20050	1720	23.17	24.0	22.49	23.0	21.53	22.0
			20175	1732.5	23.21	24.0	22.58	23.0	21.62	22.0
			20300	1745	23.23	24.0	22.45	23.0	21.57	22.0
		99	20050	1720	23.31	24.0	22.58	23.0	21.71	22.0
			20175	1732.5	23.25	24.0	22.76	23.0	21.38	22.0
			20300	1745	23.29	24.0	22.42	23.0	21.74	22.0
	50	0	20050	1720	22.31	23.0	21.19	22.0	20.30	21.0
			20175	1732.5	22.29	23.0	21.28	22.0	20.31	21.0
			20300	1745	22.33	23.0	21.31	22.0	20.42	21.0
		24	20050	1720	22.29	23.0	21.37	22.0	20.39	21.0
			20175	1732.5	22.39	23.0	21.39	22.0	20.42	21.0
			20300	1745	22.34	23.0	21.32	22.0	20.45	21.0
		50	20050	1720	22.39	23.0	21.36	22.0	20.46	21.0
			20175	1732.5	22.44	23.0	21.45	22.0	20.37	21.0
			20300	1745	22.27	23.0	21.33	22.0	20.37	21.0
	100	0	20050	1720	22.26	23.0	21.33	22.0	20.33	21.0
			20175	1732.5	22.22	23.0	21.25	22.0	20.35	21.0
			20300	1745	22.34	23.0	21.32	22.0	20.33	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	20025	1717.5	23.19	24.0	22.35	23.0	21.44	22.0
			20175	1732.5	23.25	24.0	22.54	23.0	21.46	22.0
			20325	1747.5	23.27	24.0	22.60	23.0	21.48	22.0
		37	20025	1717.5	23.18	24.0	22.35	23.0	21.41	22.0
			20175	1732.5	23.21	24.0	22.37	23.0	21.52	22.0
			20325	1747.5	23.13	24.0	22.58	23.0	21.62	22.0
		74	20025	1717.5	23.23	24.0	22.48	23.0	21.62	22.0
			20175	1732.5	23.29	24.0	22.57	23.0	21.66	22.0
			20325	1747.5	23.14	24.0	22.51	23.0	21.62	22.0
	36	0	20025	1717.5	22.28	23.0	21.15	22.0	20.14	21.0
			20175	1732.5	22.28	23.0	21.28	22.0	20.20	21.0
			20325	1747.5	22.31	23.0	21.35	22.0	20.28	21.0
		19	20025	1717.5	22.36	23.0	21.33	22.0	20.34	21.0
			20175	1732.5	22.34	23.0	21.22	22.0	20.35	21.0
			20325	1747.5	22.41	23.0	21.39	22.0	20.37	21.0
		39	20025	1717.5	22.35	23.0	21.29	22.0	20.37	21.0
			20175	1732.5	22.35	23.0	21.35	22.0	20.32	21.0
			20325	1747.5	22.30	23.0	21.29	22.0	20.39	21.0
	75	0	20025	1717.5	22.32	23.0	21.31	22.0	20.31	21.0
			20175	1732.5	22.31	23.0	21.30	22.0	20.34	21.0
			20325	1747.5	22.35	23.0	21.33	22.0	20.32	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	20000	1715	23.26	24.0	22.40	23.0	21.49	22.0
			20175	1732.5	23.30	24.0	22.42	23.0	21.63	22.0
			20350	1750	23.31	24.0	22.51	23.0	21.61	22.0
		24	20000	1715	23.28	24.0	22.44	23.0	21.65	22.0
			20175	1732.5	23.37	24.0	22.32	23.0	21.73	22.0
			20350	1750	23.26	24.0	22.53	23.0	21.62	22.0
		49	20000	1715	23.32	24.0	22.34	23.0	21.65	22.0
			20175	1732.5	23.35	24.0	22.47	23.0	21.63	22.0
			20350	1750	23.31	24.0	22.34	23.0	21.79	22.0
	25	0	20000	1715	22.37	23.0	21.33	22.0	20.43	21.0
			20175	1732.5	22.39	23.0	21.48	22.0	20.52	21.0
			20350	1750	22.39	23.0	21.49	22.0	20.47	21.0
		12	20000	1715	22.49	23.0	21.50	22.0	20.45	21.0
			20175	1732.5	22.55	23.0	21.54	22.0	20.58	21.0
			20350	1750	22.53	23.0	21.41	22.0	20.50	21.0
		25	20000	1715	22.41	23.0	21.47	22.0	20.52	21.0
			20175	1732.5	22.49	23.0	21.61	22.0	20.51	21.0
			20350	1750	22.48	23.0	21.49	22.0	20.44	21.0
	50	0	20000	1715	22.47	23.0	21.45	22.0	20.49	21.0
			20175	1732.5	22.43	23.0	21.32	22.0	20.48	21.0
			20350	1750	22.45	23.0	21.44	22.0	20.45	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	19975	1712.5	23.26	24.0	22.79	23.5	21.52	22.0
			20175	1732.5	23.38	24.0	22.83	23.5	21.62	22.0
			20375	1752.5	23.40	24.0	22.64	23.5	21.71	22.0
		12	19975	1712.5	23.56	24.0	22.53	23.5	21.41	22.0
			20175	1732.5	23.64	24.0	22.92	23.5	21.54	22.0
			20375	1752.5	23.77	24.0	23.05	23.5	21.54	22.0
		24	19975	1712.5	23.37	24.0	22.42	23.5	21.62	22.0
			20175	1732.5	23.45	24.0	22.86	23.5	21.65	22.0
			20375	1752.5	23.39	24.0	22.87	23.5	21.67	22.0
	12	0	19975	1712.5	22.31	23.0	21.38	22.0	20.39	21.0
			20175	1732.5	22.46	23.0	21.50	22.0	20.57	21.0
			20375	1752.5	22.43	23.0	21.45	22.0	20.45	21.0
		6	19975	1712.5	22.45	23.0	21.50	22.0	20.50	21.0
			20175	1732.5	22.52	23.0	21.57	22.0	20.58	21.0
			20375	1752.5	22.45	23.0	21.48	22.0	20.45	21.0
		13	19975	1712.5	22.44	23.0	21.47	22.0	20.43	21.0
			20175	1732.5	22.49	23.0	21.49	22.0	20.54	21.0
			20375	1752.5	22.45	23.0	21.48	22.0	20.44	21.0
	25	0	19975	1712.5	22.37	23.0	21.47	22.0	20.45	21.0
			20175	1732.5	22.53	23.0	21.47	22.0	20.54	21.0
			20375	1752.5	22.44	23.0	21.43	22.0	20.31	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	19965	1711.5	23.21	24.0	22.67	23.0	21.14	22.0
			20175	1732.5	23.40	24.0	22.65	23.0	21.55	22.0
			20385	1753.5	23.23	24.0	22.44	23.0	21.49	22.0
		7	19965	1711.5	23.20	24.0	22.56	23.0	21.51	22.0
			20175	1732.5	23.32	24.0	22.61	23.0	21.59	22.0
			20385	1753.5	23.31	24.0	22.79	23.0	21.47	22.0
		14	19965	1711.5	23.22	24.0	22.62	23.0	21.46	22.0
			20175	1732.5	23.42	24.0	22.82	23.0	21.58	22.0
			20385	1753.5	23.30	24.0	22.60	23.0	21.67	22.0
	8	0	19965	1711.5	22.28	23.0	21.26	22.0	20.34	21.0
			20175	1732.5	22.43	23.0	21.43	22.0	20.43	21.0
			20385	1753.5	22.36	23.0	21.45	22.0	20.47	21.0
		4	19965	1711.5	22.40	23.0	21.35	22.0	20.36	21.0
			20175	1732.5	22.54	23.0	20.78	22.0	20.56	21.0
			20385	1753.5	22.47	23.0	21.39	22.0	20.43	21.0
		7	19965	1711.5	22.37	23.0	21.55	22.0	20.34	21.0
			20175	1732.5	22.41	23.0	21.45	22.0	20.54	21.0
			20385	1753.5	22.44	23.0	21.58	22.0	20.35	21.0
	15	0	19965	1711.5	22.28	23.0	21.34	22.0	20.47	21.0
			20175	1732.5	22.52	23.0	21.55	22.0	20.54	21.0
			20385	1753.5	22.34	23.0	21.51	22.0	20.38	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	19957	1710.7	23.33	24.0	22.39	23.0	21.41	22.0
			20175	1732.5	23.35	24.0	22.67	23.0	21.52	22.0
			20393	1754.3	23.28	24.0	22.63	23.0	21.44	22.0
		2	19957	1710.7	23.10	24.0	22.41	23.0	21.35	22.0
			20175	1732.5	23.35	24.0	22.52	23.0	21.64	22.0
			20393	1754.3	23.41	24.0	22.64	23.0	21.62	22.0
		5	19957	1710.7	23.21	24.0	22.51	23.0	21.47	22.0
			20175	1732.5	23.27	24.0	22.60	23.0	21.54	22.0
			20393	1754.3	23.24	24.0	22.61	23.0	21.37	22.0
	3	0	19957	1710.7	23.21	24.0	22.48	23.0	21.33	22.0
			20175	1732.5	23.29	24.0	22.44	23.0	21.43	22.0
			20393	1754.3	23.26	24.0	22.19	23.0	21.24	22.0
		1	19957	1710.7	23.24	24.0	22.27	23.0	21.40	22.0
			20175	1732.5	23.33	24.0	22.50	23.0	21.45	22.0
			20393	1754.3	23.35	24.0	22.37	23.0	21.35	22.0
		3	19957	1710.7	23.11	24.0	22.44	23.0	21.33	22.0
			20175	1732.5	23.28	24.0	22.43	23.0	21.44	22.0
			20393	1754.3	23.17	24.0	22.39	23.0	21.14	22.0
	6	0	19957	1710.7	22.34	23.0	21.38	22.0	20.32	21.0
			20175	1732.5	22.46	23.0	21.39	22.0	20.31	21.0
			20393	1754.3	22.36	23.0	21.32	22.0	20.38	21.0

■ LTE Band 4 - Reduced Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	20050	1720	19.48	20.5	18.77	19.5	17.64	18.5
			20175	1732.5	19.44	20.5	18.87	19.5	17.87	18.5
			20300	1745	19.48	20.5	18.87	19.5	17.83	18.5
		49	20050	1720	19.42	20.5	18.71	19.5	17.82	18.5
			20175	1732.5	19.53	20.5	19.01	19.5	17.82	18.5
			20300	1745	19.48	20.5	18.77	19.5	17.88	18.5
		99	20050	1720	19.60	20.5	19.03	19.5	18.01	18.5
			20175	1732.5	19.55	20.5	18.57	19.5	17.99	18.5
			20300	1745	19.50	20.5	18.78	19.5	17.98	18.5
	50	0	20050	1720	18.49	19.5	17.43	18.5	16.50	17.5
			20175	1732.5	18.58	19.5	17.54	18.5	16.63	17.5
			20300	1745	18.61	19.5	17.57	18.5	16.67	17.5
		24	20050	1720	18.55	19.5	17.58	18.5	16.66	17.5
			20175	1732.5	18.62	19.5	17.67	18.5	16.70	17.5
			20300	1745	18.62	19.5	17.62	18.5	16.72	17.5
		50	20050	1720	18.58	19.5	17.66	18.5	16.65	17.5
			20175	1732.5	18.69	19.5	17.66	18.5	16.70	17.5
			20300	1745	18.63	19.5	17.63	18.5	16.66	17.5
	100	0	20050	1720	18.57	19.5	17.54	18.5	16.60	17.5
			20175	1732.5	18.53	19.5	17.60	18.5	16.50	17.5
			20300	1745	18.66	19.5	17.64	18.5	16.57	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	20025	1717.5	19.46	20.5	18.71	19.5	17.59	18.5
			20175	1732.5	19.42	20.5	18.85	19.5	17.64	18.5
			20325	1747.5	19.53	20.5	18.67	19.5	17.78	18.5
		37	20025	1717.5	19.49	20.5	18.75	19.5	17.85	18.5
			20175	1732.5	19.53	20.5	18.82	19.5	17.96	18.5
			20325	1747.5	19.52	20.5	18.87	19.5	17.80	18.5
		74	20025	1717.5	19.56	20.5	18.88	19.5	17.93	18.5
			20175	1732.5	19.49	20.5	18.97	19.5	18.00	18.5
			20325	1747.5	19.50	20.5	18.74	19.5	18.01	18.5
	36	0	20025	1717.5	18.55	19.5	17.50	18.5	16.48	17.5
			20175	1732.5	18.56	19.5	17.57	18.5	16.63	17.5
			20325	1747.5	18.61	19.5	17.46	18.5	16.56	17.5
		19	20025	1717.5	18.60	19.5	17.67	18.5	16.66	17.5
			20175	1732.5	18.63	19.5	17.61	18.5	16.60	17.5
			20325	1747.5	18.63	19.5	17.60	18.5	16.57	17.5
		39	20025	1717.5	18.67	19.5	17.65	18.5	16.64	17.5
			20175	1732.5	18.58	19.5	17.68	18.5	16.56	17.5
			20325	1747.5	18.67	19.5	17.60	18.5	16.62	17.5
	75	0	20025	1717.5	18.59	19.5	17.55	18.5	16.64	17.5
			20175	1732.5	18.62	19.5	17.50	18.5	16.62	17.5
			20325	1747.5	18.61	19.5	17.56	18.5	16.58	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	20000	1715	19.55	20.5	18.89	19.5	17.68	18.5
			20175	1732.5	19.62	20.5	18.75	19.5	17.72	18.5
			20350	1750	19.59	20.5	18.69	19.5	17.83	18.5
		24	20000	1715	19.54	20.5	18.62	19.5	17.98	18.5
			20175	1732.5	19.63	20.5	18.83	19.5	18.02	18.5
			20350	1750	19.56	20.5	18.78	19.5	17.98	18.5
		49	20000	1715	19.65	20.5	18.69	19.5	17.89	18.5
			20175	1732.5	19.69	20.5	18.74	19.5	18.12	18.5
			20350	1750	19.65	20.5	18.85	19.5	17.85	18.5
	25	0	20000	1715	18.57	19.5	17.64	18.5	16.68	17.5
			20175	1732.5	18.58	19.5	17.66	18.5	16.73	17.5
			20350	1750	18.73	19.5	17.69	18.5	16.69	17.5
		12	20000	1715	18.71	19.5	17.77	18.5	16.77	17.5
			20175	1732.5	18.85	19.5	17.83	18.5	16.81	17.5
			20350	1750	18.75	19.5	17.71	18.5	16.82	17.5
		25	20000	1715	18.73	19.5	17.82	18.5	16.76	17.5
			20175	1732.5	18.77	19.5	17.85	18.5	16.77	17.5
			20350	1750	18.65	19.5	17.76	18.5	16.71	17.5
	50	0	20000	1715	18.63	19.5	17.70	18.5	16.67	17.5
			20175	1732.5	18.83	19.5	17.80	18.5	16.83	17.5
			20350	1750	18.74	19.5	17.80	18.5	16.83	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	19975	1712.5	19.68	20.5	18.95	19.5	17.99	18.5
			20175	1732.5	19.73	20.5	19.23	19.5	17.92	18.5
			20375	1752.5	19.84	20.5	19.18	19.5	17.78	18.5
		12	19975	1712.5	19.92	20.5	19.00	19.5	17.80	18.5
			20175	1732.5	20.00	20.5	19.12	19.5	17.78	18.5
			20375	1752.5	19.97	20.5	18.88	19.5	17.94	18.5
		24	19975	1712.5	19.68	20.5	18.95	19.5	17.86	18.5
			20175	1732.5	19.56	20.5	19.05	19.5	17.98	18.5
			20375	1752.5	19.73	20.5	19.02	19.5	17.79	18.5
	12	0	19975	1712.5	18.62	19.5	17.69	18.5	16.65	17.5
			20175	1732.5	18.72	19.5	17.85	18.5	16.77	17.5
			20375	1752.5	18.64	19.5	17.77	18.5	16.73	17.5
		6	19975	1712.5	18.71	19.5	17.81	18.5	16.66	17.5
			20175	1732.5	18.76	19.5	17.78	18.5	16.69	17.5
			20375	1752.5	18.67	19.5	17.73	18.5	16.70	17.5
		13	19975	1712.5	18.70	19.5	17.68	18.5	16.80	17.5
			20175	1732.5	18.76	19.5	17.77	18.5	16.74	17.5
			20375	1752.5	18.74	19.5	17.69	18.5	16.86	17.5
	25	0	19975	1712.5	18.68	19.5	17.69	18.5	16.73	17.5
			20175	1732.5	18.73	19.5	17.84	18.5	16.77	17.5
			20375	1752.5	18.74	19.5	17.62	18.5	16.55	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	19965	1711.5	19.55	20.5	18.89	19.5	17.51	18.5
			20175	1732.5	19.67	20.5	18.87	19.5	17.87	18.5
			20385	1753.5	19.62	20.5	18.93	19.5	17.91	18.5
		7	19965	1711.5	19.50	20.5	18.99	19.5	17.90	18.5
			20175	1732.5	19.56	20.5	19.04	19.5	17.91	18.5
			20385	1753.5	19.57	20.5	18.89	19.5	17.63	18.5
		14	19965	1711.5	19.60	20.5	18.93	19.5	17.65	18.5
			20175	1732.5	19.65	20.5	18.86	19.5	18.13	18.5
			20385	1753.5	19.62	20.5	19.02	19.5	17.79	18.5
	8	0	19965	1711.5	18.71	19.5	17.64	18.5	16.63	17.5
			20175	1732.5	18.70	19.5	17.79	18.5	16.63	17.5
			20385	1753.5	18.67	19.5	17.77	18.5	16.64	17.5
		4	19965	1711.5	18.72	19.5	17.72	18.5	16.65	17.5
			20175	1732.5	18.75	19.5	17.86	18.5	16.77	17.5
			20385	1753.5	18.76	19.5	17.81	18.5	16.78	17.5
		7	19965	1711.5	18.60	19.5	17.73	18.5	16.66	17.5
			20175	1732.5	18.74	19.5	17.86	18.5	16.68	17.5
			20385	1753.5	18.63	19.5	17.73	18.5	16.77	17.5
	15	0	19965	1711.5	18.61	19.5	17.70	18.5	16.67	17.5
			20175	1732.5	18.69	19.5	17.78	18.5	16.73	17.5
			20385	1753.5	18.70	19.5	17.63	18.5	16.71	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	19957	1710.7	19.44	20.5	18.66	19.5	17.77	18.5
			20175	1732.5	19.58	20.5	19.01	19.5	17.81	18.5
			20393	1754.3	19.67	20.5	19.02	19.5	17.79	18.5
		2	19957	1710.7	19.80	20.5	18.87	19.5	17.70	18.5
			20175	1732.5	19.64	20.5	18.76	19.5	17.81	18.5
			20393	1754.3	19.71	20.5	18.82	19.5	17.84	18.5
		5	19957	1710.7	19.57	20.5	18.68	19.5	17.84	18.5
			20175	1732.5	19.58	20.5	18.79	19.5	17.94	18.5
			20393	1754.3	19.59	20.5	18.79	19.5	17.86	18.5
	3	0	19957	1710.7	19.52	20.5	18.67	19.5	17.64	18.5
			20175	1732.5	19.59	20.5	18.68	19.5	17.49	18.5
			20393	1754.3	19.53	20.5	18.63	19.5	17.58	18.5
		1	19957	1710.7	19.58	20.5	18.59	19.5	17.70	18.5
			20175	1732.5	19.64	20.5	18.60	19.5	17.62	18.5
			20393	1754.3	19.64	20.5	18.64	19.5	17.49	18.5
		3	19957	1710.7	19.54	20.5	18.68	19.5	17.64	18.5
			20175	1732.5	19.60	20.5	18.73	19.5	17.55	18.5
			20393	1754.3	19.55	20.5	18.69	19.5	17.60	18.5
	6	0	19957	1710.7	18.56	19.5	17.60	18.5	16.58	17.5
			20175	1732.5	18.60	19.5	17.57	18.5	16.54	17.5
			20393	1754.3	18.61	19.5	17.52	18.5	16.66	17.5

■ LTE Band 5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	20450	829	23.12	23.5	22.06	22.5	21.21	21.5
			20525	836.5	22.95	23.5	22.21	22.5	21.37	21.5
			20600	844	23.01	23.5	22.15	22.5	21.05	21.5
		24	20450	829	22.92	23.5	22.01	22.5	21.35	21.5
			20525	836.5	22.79	23.5	21.96	22.5	21.42	21.5
			20600	844	22.66	23.5	22.03	22.5	21.23	21.5
		49	20450	829	22.85	23.5	22.24	22.5	21.11	21.5
			20525	836.5	22.97	23.5	22.11	22.5	21.26	21.5
			20600	844	22.83	23.5	22.26	22.5	21.36	21.5
	25	0	20450	829	22.03	22.5	21.05	21.5	20.06	20.5
			20525	836.5	22.00	22.5	21.07	21.5	20.09	20.5
			20600	844	21.90	22.5	20.85	21.5	20.07	20.5
		12	20450	829	21.99	22.5	21.11	21.5	20.05	20.5
			20525	836.5	22.01	22.5	21.02	21.5	19.97	20.5
			20600	844	21.97	22.5	21.04	21.5	20.00	20.5
		25	20450	829	22.08	22.5	20.85	21.5	20.04	20.5
			20525	836.5	22.08	22.5	21.00	21.5	20.08	20.5
			20600	844	21.98	22.5	21.02	21.5	20.07	20.5
	50	0	20450	829	22.01	22.5	21.01	21.5	20.07	20.5
			20525	836.5	21.91	22.5	21.04	21.5	20.00	20.5
			20600	844	21.98	22.5	21.01	21.5	20.02	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	20425	826.5	23.01	23.5	22.32	23.0	21.38	21.5
			20525	836.5	22.97	23.5	22.62	23.0	21.38	21.5
			20625	846.5	22.90	23.5	22.48	23.0	21.31	21.5
		12	20425	826.5	23.11	23.5	22.41	23.0	21.39	21.5
			20525	836.5	23.14	23.5	22.43	23.0	21.16	21.5
			20625	846.5	23.08	23.5	22.23	23.0	21.24	21.5
		24	20425	826.5	22.92	23.5	22.31	23.0	20.94	21.5
			20525	836.5	22.95	23.5	22.28	23.0	21.42	21.5
			20625	846.5	22.91	23.5	22.12	23.0	21.38	21.5
	12	0	20425	826.5	21.98	22.5	20.91	21.5	20.13	20.5
			20525	836.5	21.99	22.5	20.97	21.5	19.89	20.5
			20625	846.5	21.95	22.5	20.95	21.5	20.00	20.5
		6	20425	826.5	22.10	22.5	20.98	21.5	20.08	20.5
			20525	836.5	21.98	22.5	20.89	21.5	19.81	20.5
			20625	846.5	21.90	22.5	20.88	21.5	19.93	20.5
		13	20425	826.5	22.02	22.5	20.92	21.5	19.98	20.5
			20525	836.5	22.02	22.5	20.98	21.5	20.04	20.5
			20625	846.5	21.98	22.5	21.06	21.5	20.09	20.5
	25	0	20425	826.5	21.97	22.5	20.95	21.5	19.92	20.5
			20525	836.5	21.93	22.5	20.96	21.5	19.93	20.5
			20625	846.5	21.97	22.5	20.88	21.5	19.89	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	20415	825.5	22.84	23.5	22.45	22.5	20.94	21.5
			20525	836.5	22.86	23.5	22.07	22.5	21.25	21.5
			20635	847.5	22.85	23.5	22.20	22.5	20.96	21.5
		7	20415	825.5	22.81	23.5	21.91	22.5	21.13	21.5
			20525	836.5	22.75	23.5	22.20	22.5	21.04	21.5
			20635	847.5	22.85	23.5	22.11	22.5	20.93	21.5
		14	20415	825.5	22.90	23.5	22.24	22.5	21.30	21.5
			20525	836.5	22.93	23.5	22.19	22.5	21.26	21.5
			20635	847.5	22.87	23.5	22.11	22.5	21.16	21.5
	8	0	20415	825.5	21.87	22.5	20.99	21.5	19.85	20.5
			20525	836.5	21.94	22.5	20.88	21.5	19.91	20.5
			20635	847.5	21.95	22.5	20.97	21.5	19.70	20.5
		4	20415	825.5	21.94	22.5	20.98	21.5	19.94	20.5
			20525	836.5	22.05	22.5	21.02	21.5	19.96	20.5
			20635	847.5	21.91	22.5	20.91	21.5	19.82	20.5
		7	20415	825.5	21.99	22.5	21.06	21.5	19.96	20.5
			20525	836.5	21.91	22.5	21.03	21.5	20.02	20.5
			20635	847.5	21.94	22.5	20.89	21.5	19.87	20.5
	15	0	20415	825.5	21.95	22.5	21.01	21.5	20.06	20.5
			20525	836.5	21.90	22.5	21.09	21.5	20.08	20.5
			20635	847.5	21.99	22.5	20.97	21.5	19.92	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	20407	824.7	22.85	23.5	22.11	22.5	21.03	21.5
			20525	836.5	22.80	23.5	22.04	22.5	21.08	21.5
			20643	848.3	22.68	23.5	21.94	22.5	21.09	21.5
		2	20407	824.7	22.91	23.5	22.14	22.5	21.11	21.5
			20525	836.5	22.94	23.5	22.03	22.5	21.24	21.5
			20643	848.3	22.90	23.5	22.08	22.5	21.05	21.5
		5	20407	824.7	22.85	23.5	21.95	22.5	21.16	21.5
			20525	836.5	22.75	23.5	22.02	22.5	21.27	21.5
			20643	848.3	22.78	23.5	22.20	22.5	21.01	21.5
	3	0	20407	824.7	22.84	23.5	21.99	22.5	20.81	21.5
			20525	836.5	22.84	23.5	21.96	22.5	21.02	21.5
			20643	848.3	22.80	23.5	21.95	22.5	20.81	21.5
		1	20407	824.7	22.84	23.5	21.90	22.5	21.02	21.5
			20525	836.5	22.87	23.5	22.03	22.5	21.08	21.5
			20643	848.3	22.83	23.5	21.88	22.5	21.01	21.5
		3	20407	824.7	22.81	23.5	21.99	22.5	20.86	21.5
			20525	836.5	22.88	23.5	21.96	22.5	20.93	21.5
			20643	848.3	22.75	23.5	21.69	22.5	20.73	21.5
	6	0	20407	824.7	21.91	22.5	21.03	21.5	19.96	20.5
			20525	836.5	21.91	22.5	20.84	21.5	20.02	20.5
			20643	848.3	21.92	22.5	20.85	21.5	19.84	20.5

■ LTE Band 7 - Full Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	20850	2510	23.32	24.5	22.67	23.5	21.53	22.5
			21100	2535	23.61	24.5	23.17	23.5	21.76	22.5
			21350	2560	23.68	24.5	23.05	23.5	21.89	22.5
		49	20850	2510	23.33	24.5	22.61	23.5	21.69	22.5
			21100	2535	23.56	24.5	23.02	23.5	21.80	22.5
			21350	2560	23.67	24.5	22.96	23.5	21.78	22.5
		99	20850	2510	23.45	24.5	22.67	23.5	21.60	22.5
			21100	2535	23.55	24.5	22.72	23.5	21.63	22.5
			21350	2560	23.67	24.5	22.93	23.5	21.79	22.5
	50	0	20850	2510	22.49	23.5	21.56	22.5	20.60	21.5
			21100	2535	22.71	23.5	21.81	22.5	20.77	21.5
			21350	2560	22.87	23.5	21.80	22.5	20.85	21.5
		24	20850	2510	22.50	23.5	21.54	22.5	20.59	21.5
			21100	2535	22.72	23.5	21.72	22.5	20.77	21.5
			21350	2560	22.85	23.5	21.86	22.5	20.78	21.5
		50	20850	2510	22.50	23.5	21.47	22.5	20.46	21.5
			21100	2535	22.53	23.5	21.62	22.5	20.78	21.5
			21350	2560	22.79	23.5	21.70	22.5	20.80	21.5
	100	0	20850	2510	22.47	23.5	21.56	22.5	20.59	21.5
			21100	2535	22.65	23.5	21.69	22.5	20.70	21.5
			21350	2560	22.86	23.5	21.82	22.5	20.81	21.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	20825	2507.5	23.36	24.5	22.49	23.5	21.63	22.5
			21100	2535	23.54	24.5	22.87	23.5	21.77	22.5
			21375	2562.5	23.40	24.5	22.98	23.5	21.95	22.5
		37	20825	2507.5	23.18	24.5	22.67	23.5	21.55	22.5
			21100	2535	23.35	24.5	22.92	23.5	21.77	22.5
			21375	2562.5	23.45	24.5	22.84	23.5	21.83	22.5
		74	20825	2507.5	23.32	24.5	22.59	23.5	21.58	22.5
			21100	2535	23.39	24.5	22.81	23.5	21.73	22.5
			21375	2562.5	23.60	24.5	22.92	23.5	21.85	22.5
	36	0	20825	2507.5	22.52	23.5	21.52	22.5	20.48	21.5
			21100	2535	22.70	23.5	21.74	22.5	20.75	21.5
			21375	2562.5	22.76	23.5	21.76	22.5	20.90	21.5
		19	20825	2507.5	22.49	23.5	21.48	22.5	20.54	21.5
			21100	2535	22.61	23.5	21.66	22.5	20.75	21.5
			21375	2562.5	22.81	23.5	21.85	22.5	20.82	21.5
		39	20825	2507.5	22.51	23.5	21.54	22.5	20.57	21.5
			21100	2535	22.68	23.5	21.60	22.5	20.71	21.5
			21375	2562.5	22.73	23.5	21.75	22.5	20.75	21.5
	75	0	20825	2507.5	22.53	23.5	21.53	22.5	20.61	21.5
			21100	2535	22.64	23.5	21.69	22.5	20.70	21.5
			21375	2562.5	22.84	23.5	21.80	22.5	20.87	21.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	20800	2505	23.66	24.5	22.77	23.5	21.83	22.5
			21100	2535	23.68	24.5	23.36	23.5	22.02	22.5
			21400	2565	24.01	24.5	22.97	23.5	22.06	22.5
		24	20800	2505	23.59	24.5	22.80	23.5	22.03	22.5
			21100	2535	23.93	24.5	22.90	23.5	22.06	22.5
			21400	2565	23.91	24.5	22.99	23.5	22.09	22.5
		49	20800	2505	23.69	24.5	22.85	23.5	21.74	22.5
			21100	2535	23.92	24.5	23.01	23.5	22.00	22.5
			21400	2565	24.06	24.5	23.24	23.5	22.19	22.5
	25	0	20800	2505	22.65	23.5	21.72	22.5	20.72	21.5
			21100	2535	22.87	23.5	21.95	22.5	20.90	21.5
			21400	2565	22.97	23.5	22.03	22.5	21.01	21.5
		12	20800	2505	22.57	23.5	21.61	22.5	20.65	21.5
			21100	2535	22.86	23.5	21.93	22.5	20.88	21.5
			21400	2565	23.00	23.5	21.94	22.5	21.03	21.5
		25	20800	2505	22.55	23.5	21.61	22.5	20.66	21.5
			21100	2535	22.82	23.5	21.79	22.5	20.82	21.5
			21400	2565	22.96	23.5	22.00	22.5	21.02	21.5
	50	0	20800	2505	22.53	23.5	21.64	22.5	20.53	21.5
			21100	2535	22.75	23.5	21.77	22.5	20.88	21.5
			21400	2565	22.95	23.5	21.98	22.5	21.01	21.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	20775	2502.5	23.52	24.5	22.80	23.5	21.60	22.5
			21100	2535	23.79	24.5	22.99	23.5	21.80	22.5
			21425	2567.5	23.83	24.5	22.90	23.5	22.23	22.5
		12	20775	2502.5	23.76	24.5	22.86	23.5	21.60	22.5
			21100	2535	23.83	24.5	23.22	23.5	21.89	22.5
			21425	2567.5	24.05	24.5	22.95	23.5	21.95	22.5
		24	20775	2502.5	23.58	24.5	22.89	23.5	21.72	22.5
			21100	2535	23.76	24.5	23.04	23.5	21.93	22.5
			21425	2567.5	23.89	24.5	23.09	23.5	22.22	22.5
	12	0	20775	2502.5	22.51	23.5	21.66	22.5	20.58	21.5
			21100	2535	22.92	23.5	21.82	22.5	20.81	21.5
			21425	2567.5	22.89	23.5	21.99	22.5	20.93	21.5
		6	20775	2502.5	22.66	23.5	21.71	22.5	20.71	21.5
			21100	2535	22.92	23.5	21.93	22.5	20.94	21.5
			21425	2567.5	22.97	23.5	22.06	22.5	21.00	21.5
		13	20775	2502.5	22.68	23.5	21.69	22.5	20.67	21.5
			21100	2535	22.90	23.5	21.79	22.5	20.94	21.5
			21425	2567.5	23.02	23.5	22.02	22.5	21.01	21.5
	25	0	20775	2502.5	22.67	23.5	21.71	22.5	20.57	21.5
			21100	2535	22.86	23.5	21.90	22.5	20.83	21.5
			21425	2567.5	22.99	23.5	21.96	22.5	20.91	21.5

■ LTE Band 7 - Reduced Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	20850	2510	21.09	22.0	20.32	21.0	19.52	20.0
			21100	2535	21.25	22.0	20.66	21.0	19.47	20.0
			21350	2560	21.42	22.0	20.65	21.0	19.82	20.0
		49	20850	2510	21.09	22.0	20.35	21.0	19.42	20.0
			21100	2535	21.26	22.0	20.54	21.0	19.66	20.0
			21350	2560	21.30	22.0	20.58	21.0	19.74	20.0
		99	20850	2510	21.25	22.0	20.70	21.0	19.60	20.0
			21100	2535	21.19	22.0	20.50	21.0	19.60	20.0
			21350	2560	21.41	22.0	20.81	21.0	19.70	20.0
	50	0	20850	2510	20.26	21.0	19.30	20.0	18.39	19.0
			21100	2535	20.56	21.0	19.61	20.0	18.54	19.0
			21350	2560	20.66	21.0	19.64	20.0	18.70	19.0
		24	20850	2510	20.33	21.0	19.40	20.0	18.47	19.0
			21100	2535	20.49	21.0	19.44	20.0	18.51	19.0
			21350	2560	20.61	21.0	19.62	20.0	18.74	19.0
		50	20850	2510	20.27	21.0	19.30	20.0	18.36	19.0
			21100	2535	20.39	21.0	19.39	20.0	18.53	19.0
			21350	2560	20.53	21.0	19.60	20.0	18.63	19.0
	100	0	20850	2510	20.30	21.0	19.34	20.0	18.41	19.0
			21100	2535	20.36	21.0	19.38	20.0	18.43	19.0
			21350	2560	20.60	21.0	19.69	20.0	18.60	19.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	20825	2507.5	21.18	22.0	20.39	21.0	19.53	20.0
			21100	2535	21.35	22.0	20.74	21.0	19.83	20.0
			21375	2562.5	21.46	22.0	20.67	21.0	19.77	20.0
		37	20825	2507.5	21.13	22.0	20.56	21.0	19.62	20.0
			21100	2535	21.34	22.0	20.71	21.0	19.74	20.0
			21375	2562.5	21.45	22.0	20.79	21.0	19.85	20.0
		74	20825	2507.5	21.22	22.0	20.43	21.0	19.49	20.0
			21100	2535	21.38	22.0	20.67	21.0	19.67	20.0
			21375	2562.5	21.44	22.0	20.82	21.0	19.85	20.0
	36	0	20825	2507.5	20.35	21.0	19.30	20.0	18.35	19.0
			21100	2535	20.51	21.0	19.49	20.0	18.51	19.0
			21375	2562.5	20.62	21.0	19.57	20.0	18.62	19.0
		19	20825	2507.5	20.32	21.0	19.27	20.0	18.30	19.0
			21100	2535	20.45	21.0	19.53	20.0	18.47	19.0
			21375	2562.5	20.65	21.0	19.67	20.0	18.68	19.0
		39	20825	2507.5	20.34	21.0	19.33	20.0	18.33	19.0
			21100	2535	20.37	21.0	19.48	20.0	18.49	19.0
			21375	2562.5	20.64	21.0	19.64	20.0	18.66	19.0
	75	0	20825	2507.5	20.33	21.0	19.31	20.0	18.32	19.0
			21100	2535	20.47	21.0	19.46	20.0	18.46	19.0
			21375	2562.5	20.64	21.0	19.63	20.0	18.68	19.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	20800	2505	21.42	22.0	20.52	21.0	19.81	20.5
			21100	2535	21.54	22.0	20.82	21.0	19.94	20.5
			21400	2565	21.85	22.0	20.95	21.0	20.06	20.5
		24	20800	2505	21.48	22.0	20.61	21.0	19.79	20.5
			21100	2535	21.56	22.0	20.76	21.0	19.97	20.5
			21400	2565	21.66	22.0	20.86	21.0	20.02	20.5
		49	20800	2505	21.36	22.0	20.45	21.0	19.69	20.5
			21100	2535	21.54	22.0	20.69	21.0	19.75	20.5
			21400	2565	21.78	22.0	20.77	21.0	20.08	20.5
	25	0	20800	2505	20.50	21.0	19.40	20.0	18.50	19.0
			21100	2535	20.68	21.0	19.75	20.0	18.67	19.0
			21400	2565	20.72	21.0	19.84	20.0	18.86	19.0
		12	20800	2505	20.32	21.0	19.43	20.0	18.56	19.0
			21100	2535	20.69	21.0	19.73	20.0	18.71	19.0
			21400	2565	20.85	21.0	19.93	20.0	18.91	19.0
		25	20800	2505	20.40	21.0	19.40	20.0	18.42	19.0
			21100	2535	20.61	21.0	19.59	20.0	18.62	19.0
			21400	2565	20.81	21.0	19.81	20.0	18.85	19.0
	50	0	20800	2505	20.46	21.0	19.36	20.0	18.48	19.0
			21100	2535	20.53	21.0	19.52	20.0	18.67	19.0
			21400	2565	20.87	21.0	19.85	20.0	18.81	19.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	20775	2502.5	21.37	22.0	20.80	21.5	19.36	20.5
			21100	2535	21.59	22.0	21.12	21.5	19.47	20.5
			21425	2567.5	21.78	22.0	21.05	21.5	19.86	20.5
		12	20775	2502.5	21.66	22.0	20.81	21.5	19.52	20.5
			21100	2535	21.89	22.0	20.86	21.5	19.75	20.5
			21425	2567.5	21.80	22.0	21.14	21.5	19.92	20.5
		24	20775	2502.5	21.39	22.0	20.79	21.5	19.67	20.5
			21100	2535	21.60	22.0	20.94	21.5	19.76	20.5
			21425	2567.5	21.79	22.0	21.22	21.5	19.98	20.5
	12	0	20775	2502.5	20.34	21.0	19.30	20.0	18.36	19.0
			21100	2535	20.62	21.0	19.72	20.0	18.69	19.0
			21425	2567.5	20.70	21.0	19.82	20.0	18.72	19.0
		6	20775	2502.5	20.43	21.0	19.58	20.0	18.50	19.0
			21100	2535	20.74	21.0	19.78	20.0	18.71	19.0
			21425	2567.5	20.80	21.0	19.94	20.0	18.78	19.0
		13	20775	2502.5	20.44	21.0	19.57	20.0	18.57	19.0
			21100	2535	20.67	21.0	19.76	20.0	18.78	19.0
			21425	2567.5	20.83	21.0	19.90	20.0	18.88	19.0
	25	0	20775	2502.5	20.42	21.0	19.37	20.0	18.45	19.0
			21100	2535	20.74	21.0	19.76	20.0	18.66	19.0
			21425	2567.5	20.79	21.0	19.79	20.0	18.83	19.0

■ LTE Band 12

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	23060	704	22.91	23.5	22.42	23.0	21.53	22.0
			23095	707.5	23.14	23.5	22.15	23.0	21.21	22.0
			23130	711	23.05	23.5	22.10	23.0	21.57	22.0
		24	23060	704	22.86	23.5	22.22	23.0	21.35	22.0
			23095	707.5	23.16	23.5	22.04	23.0	21.12	22.0
			23130	711	22.79	23.5	22.33	23.0	21.32	22.0
		49	23060	704	22.73	23.5	22.30	23.0	21.54	22.0
			23095	707.5	22.79	23.5	22.49	23.0	21.32	22.0
			23130	711	22.71	23.5	22.06	23.0	21.27	22.0
	25	0	23060	704	22.05	22.5	21.10	21.5	20.03	20.5
			23095	707.5	22.05	22.5	21.03	21.5	20.18	20.5
			23130	711	22.09	22.5	21.04	21.5	19.94	20.5
		12	23060	704	22.07	22.5	21.04	21.5	20.15	20.5
			23095	707.5	22.09	22.5	21.08	21.5	20.07	20.5
			23130	711	22.09	22.5	21.04	21.5	20.06	20.5
		25	23060	704	22.06	22.5	21.09	21.5	20.14	20.5
			23095	707.5	22.10	22.5	20.92	21.5	20.05	20.5
			23130	711	22.05	22.5	20.97	21.5	20.11	20.5
	50	0	23060	704	22.06	22.5	21.11	21.5	20.06	20.5
			23095	707.5	21.98	22.5	20.98	21.5	20.07	20.5
			23130	711	22.07	22.5	21.02	21.5	20.08	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	23035	701.5	23.23	23.5	22.40	22.5	21.46	22.0
			23095	707.5	22.95	23.5	22.13	22.5	21.15	22.0
			23155	713.5	23.22	23.5	21.91	22.5	21.55	22.0
		12	23035	701.5	23.34	23.5	22.06	22.5	20.95	22.0
			23095	707.5	23.34	23.5	22.32	22.5	21.10	22.0
			23155	713.5	22.86	23.5	21.94	22.5	21.20	22.0
		24	23035	701.5	22.98	23.5	22.43	22.5	21.23	22.0
			23095	707.5	22.84	23.5	22.37	22.5	21.30	22.0
			23155	713.5	22.65	23.5	22.03	22.5	21.22	22.0
	12	0	23035	701.5	22.13	22.5	21.12	21.5	20.00	20.5
			23095	707.5	22.04	22.5	21.04	21.5	20.00	20.5
			23155	713.5	21.98	22.5	20.79	21.5	19.68	20.5
		6	23035	701.5	22.12	22.5	21.02	21.5	19.90	20.5
			23095	707.5	22.22	22.5	21.10	21.5	20.02	20.5
			23155	713.5	21.98	22.5	20.94	21.5	19.92	20.5
		13	23035	701.5	22.04	22.5	21.17	21.5	19.95	20.5
			23095	707.5	21.99	22.5	21.09	21.5	20.05	20.5
			23155	713.5	22.02	22.5	20.97	21.5	19.97	20.5
	25	0	23035	701.5	22.06	22.5	21.00	21.5	20.02	20.5
			23095	707.5	22.10	22.5	21.04	21.5	20.00	20.5
			23155	713.5	21.93	22.5	20.97	21.5	20.00	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	23025	700.5	22.97	23.5	22.11	22.5	21.41	21.5
			23095	707.5	22.92	23.5	22.36	22.5	21.34	21.5
			23165	714.5	22.92	23.5	22.25	22.5	20.97	21.5
		7	23025	700.5	22.89	23.5	22.13	22.5	20.73	21.5
			23095	707.5	22.92	23.5	22.04	22.5	21.24	21.5
			23165	714.5	22.84	23.5	22.27	22.5	21.03	21.5
		14	23025	700.5	22.89	23.5	22.13	22.5	20.87	21.5
			23095	707.5	22.68	23.5	22.11	22.5	20.88	21.5
			23165	714.5	22.89	23.5	22.12	22.5	21.18	21.5
	8	0	23025	700.5	22.03	22.5	20.87	21.5	20.00	20.5
			23095	707.5	22.03	22.5	21.04	21.5	20.05	20.5
			23165	714.5	21.90	22.5	21.00	21.5	19.85	20.5
		4	23025	700.5	22.17	22.5	21.20	21.5	20.14	20.5
			23095	707.5	21.96	22.5	21.17	21.5	19.97	20.5
			23165	714.5	22.03	22.5	20.97	21.5	19.88	20.5
		7	23025	700.5	22.02	22.5	21.03	21.5	19.88	20.5
			23095	707.5	21.87	22.5	20.91	21.5	19.89	20.5
			23165	714.5	21.90	22.5	21.02	21.5	19.90	20.5
	15	0	23025	700.5	21.98	22.5	21.03	21.5	20.11	20.5
			23095	707.5	22.07	22.5	20.95	21.5	19.99	20.5
			23165	714.5	22.02	22.5	21.05	21.5	20.11	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	23017	699.7	22.90	23.5	22.06	22.5	21.27	21.5
			23095	707.5	22.89	23.5	22.03	22.5	21.18	21.5
			23173	715.3	22.75	23.5	22.16	22.5	21.18	21.5
		2	23017	699.7	23.16	23.5	22.31	22.5	21.14	21.5
			23095	707.5	22.92	23.5	22.40	22.5	21.25	21.5
			23173	715.3	22.82	23.5	22.03	22.5	21.05	21.5
		5	23017	699.7	22.86	23.5	22.17	22.5	21.18	21.5
			23095	707.5	23.04	23.5	21.91	22.5	21.23	21.5
			23173	715.3	22.81	23.5	22.18	22.5	21.14	21.5
	3	0	23017	699.7	22.93	23.5	22.15	22.5	21.00	21.5
			23095	707.5	23.01	23.5	22.12	22.5	21.06	21.5
			23173	715.3	22.83	23.5	21.81	22.5	20.88	21.5
		1	23017	699.7	22.91	23.5	22.23	22.5	21.09	21.5
			23095	707.5	22.94	23.5	22.01	22.5	21.02	21.5
			23173	715.3	22.78	23.5	21.90	22.5	21.04	21.5
		3	23017	699.7	22.87	23.5	22.04	22.5	20.69	21.5
			23095	707.5	22.84	23.5	21.98	22.5	20.82	21.5
			23173	715.3	22.76	23.5	21.95	22.5	20.93	21.5
	6	0	23017	699.7	21.97	22.5	20.93	21.5	20.01	20.5
			23095	707.5	21.84	22.5	21.15	21.5	20.14	20.5
			23173	715.3	21.84	22.5	20.96	21.5	19.96	20.5

■ LTE Band 13

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	23230	782	22.95	23.5	22.35	22.5	20.89	22.0
		24	23230	782	22.89	23.5	22.13	22.5	21.50	22.0
		49	23230	782	22.93	23.5	22.37	22.5	21.28	22.0
	25	0	23230	782	21.94	22.5	21.07	21.5	20.06	20.5
		12	23230	782	21.97	22.5	21.04	21.5	19.90	20.5
		25	23230	782	22.09	22.5	20.80	21.5	20.07	20.5
	50	0	23230	782	22.07	22.5	20.98	21.5	19.99	20.5
5	1	0	23205	779.5	22.84	23.5	22.45	22.5	20.79	22.0
			23230	782	22.78	23.5	22.34	22.5	20.90	22.0
			23255	784.5	22.82	23.5	22.08	22.5	21.11	22.0
		12	23205	779.5	23.29	23.5	22.23	22.5	21.11	22.0
			23230	782	22.72	23.5	22.37	22.5	21.66	22.0
			23255	784.5	22.66	23.5	22.33	22.5	21.40	22.0
		24	23205	779.5	23.00	23.5	22.38	22.5	20.91	22.0
			23230	782	22.65	23.5	22.31	22.5	20.89	22.0
			23255	784.5	22.83	23.5	22.34	22.5	21.14	22.0
	12	0	23205	779.5	21.98	22.5	21.07	21.5	19.58	20.5
			23230	782	21.86	22.5	20.88	21.5	19.94	20.5
			23255	784.5	21.96	22.5	20.96	21.5	19.93	20.5
		6	23205	779.5	21.95	22.5	20.97	21.5	19.94	20.5
			23230	782	22.02	22.5	21.03	21.5	20.11	20.5
			23255	784.5	21.98	22.5	20.85	21.5	20.16	20.5
		13	23205	779.5	22.10	22.5	21.05	21.5	19.83	20.5
			23230	782	22.04	22.5	21.03	21.5	20.01	20.5
			23255	784.5	22.05	22.5	21.08	21.5	20.11	20.5
	25	0	23205	779.5	21.97	22.5	21.03	21.5	19.91	20.5
			23230	782	22.04	22.5	20.86	21.5	19.97	20.5
			23255	784.5	21.92	22.5	20.89	21.5	19.92	20.5

■ LTE Band 17

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	23780	709	22.89	23.5	22.08	23.0	21.31	22.0
			23790	710	23.03	23.5	22.50	23.0	21.59	22.0
			23800	711	22.88	23.5	22.40	23.0	21.57	22.0
		24	23780	709	22.58	23.5	22.22	23.0	21.67	22.0
			23790	710	22.87	23.5	22.01	23.0	21.61	22.0
			23800	711	22.88	23.5	22.07	23.0	21.68	22.0
		49	23780	709	23.08	23.5	22.19	23.0	21.31	22.0
			23790	710	22.64	23.5	22.24	23.0	20.95	22.0
			23800	711	22.82	23.5	22.34	23.0	21.25	22.0
	25	0	23780	709	22.15	22.5	21.11	21.5	20.16	20.5
			23790	710	22.16	22.5	21.11	21.5	20.19	20.5
			23800	711	22.02	22.5	21.05	21.5	20.11	20.5
		12	23780	709	22.17	22.5	21.11	21.5	20.15	20.5
			23790	710	22.13	22.5	21.16	21.5	20.22	20.5
			23800	711	22.12	22.5	21.06	21.5	20.05	20.5
		25	23780	709	22.07	22.5	20.90	21.5	20.16	20.5
			23790	710	21.94	22.5	20.90	21.5	20.03	20.5
			23800	711	22.14	22.5	20.99	21.5	20.07	20.5
	50	0	23780	709	22.14	22.5	21.05	21.5	20.12	20.5
			23790	710	22.04	22.5	20.95	21.5	20.13	20.5
			23800	711	22.02	22.5	21.01	21.5	20.06	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	23755	706.5	23.14	23.5	22.52	23.0	21.54	22.0
			23790	710	23.02	23.5	22.89	23.0	21.28	22.0
			23825	713.5	23.04	23.5	22.60	23.0	21.33	22.0
		12	23755	706.5	22.84	23.5	21.99	23.0	21.21	22.0
			23790	710	22.85	23.5	22.44	23.0	21.28	22.0
			23825	713.5	22.81	23.5	22.46	23.0	21.06	22.0
		24	23755	706.5	22.87	23.5	22.19	23.0	21.42	22.0
			23790	710	22.94	23.5	22.25	23.0	21.11	22.0
			23825	713.5	22.79	23.5	22.31	23.0	20.99	22.0
	12	0	23755	706.5	22.08	22.5	21.20	21.5	20.05	20.5
			23790	710	22.08	22.5	21.18	21.5	20.21	20.5
			23825	713.5	22.11	22.5	21.25	21.5	20.11	20.5
		6	23755	706.5	22.14	22.5	21.16	21.5	20.08	20.5
			23790	710	22.13	22.5	21.16	21.5	19.98	20.5
			23825	713.5	22.21	22.5	21.37	21.5	20.12	20.5
		13	23755	706.5	22.05	22.5	21.12	21.5	20.17	20.5
			23790	710	22.09	22.5	20.96	21.5	20.00	20.5
			23825	713.5	21.92	22.5	21.09	21.5	20.09	20.5
	25	0	23755	706.5	22.02	22.5	21.08	21.5	20.03	20.5
			23790	710	22.05	22.5	20.85	21.5	20.02	20.5
			23825	713.5	22.06	22.5	21.13	21.5	20.06	20.5

■ LTE Band 25 - Full Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	26140	1860	23.13	24.0	22.64	23.0	21.25	22.0
			26365	1882.5	23.15	24.0	22.73	23.0	21.26	22.0
			26590	1905	23.19	24.0	22.54	23.0	21.23	22.0
		49	26140	1860	23.10	24.0	22.61	23.0	21.25	22.0
			26365	1882.5	23.14	24.0	22.44	23.0	21.48	22.0
			26590	1905	23.13	24.0	22.49	23.0	21.39	22.0
		99	26140	1860	23.02	24.0	22.34	23.0	21.31	22.0
			26365	1882.5	23.20	24.0	22.41	23.0	21.36	22.0
			26590	1905	23.12	24.0	22.40	23.0	21.26	22.0
	50	0	26140	1860	22.26	23.0	21.27	22.0	20.31	21.0
			26365	1882.5	22.23	23.0	21.27	22.0	20.23	21.0
			26590	1905	22.16	23.0	21.19	22.0	20.20	21.0
		24	26140	1860	22.25	23.0	21.29	22.0	20.33	21.0
			26365	1882.5	22.19	23.0	21.29	22.0	20.13	21.0
			26590	1905	22.14	23.0	21.29	22.0	20.13	21.0
		50	26140	1860	22.19	23.0	21.24	22.0	20.25	21.0
			26365	1882.5	22.26	23.0	21.26	22.0	20.40	21.0
			26590	1905	22.25	23.0	21.29	22.0	20.36	21.0
	100	0	26140	1860	22.28	23.0	21.25	22.0	20.19	21.0
			26365	1882.5	22.35	23.0	21.38	22.0	20.36	21.0
			26590	1905	22.22	23.0	21.26	22.0	20.12	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	26115	1857.5	23.11	24.0	22.51	23.0	21.39	22.0
			26365	1882.5	23.16	24.0	22.41	23.0	21.38	22.0
			26615	1907.5	23.01	24.0	22.54	23.0	21.22	22.0
		37	26115	1857.5	23.03	24.0	22.46	23.0	21.27	22.0
			26365	1882.5	23.07	24.0	22.39	23.0	21.32	22.0
			26615	1907.5	23.06	24.0	22.35	23.0	21.35	22.0
		74	26115	1857.5	23.04	24.0	22.54	23.0	21.48	22.0
			26365	1882.5	23.21	24.0	22.59	23.0	21.39	22.0
			26615	1907.5	23.05	24.0	22.49	23.0	21.26	22.0
	36	0	26115	1857.5	22.26	23.0	21.29	22.0	20.29	21.0
			26365	1882.5	22.16	23.0	21.20	22.0	20.14	21.0
			26615	1907.5	22.13	23.0	21.07	22.0	20.20	21.0
		19	26115	1857.5	22.27	23.0	21.27	22.0	20.28	21.0
			26365	1882.5	22.33	23.0	21.27	22.0	20.30	21.0
			26615	1907.5	22.25	23.0	21.22	22.0	20.24	21.0
		39	26115	1857.5	22.33	23.0	21.29	22.0	20.22	21.0
			26365	1882.5	22.31	23.0	21.33	22.0	20.35	21.0
			26615	1907.5	22.26	23.0	21.31	22.0	20.24	21.0
	75	0	26115	1857.5	22.31	23.0	21.26	22.0	20.30	21.0
			26365	1882.5	22.32	23.0	21.34	22.0	20.33	21.0
			26615	1907.5	22.17	23.0	21.31	22.0	20.19	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	26090	1855	23.27	24.0	22.49	23.0	21.46	22.0
			26365	1882.5	23.34	24.0	22.47	23.0	21.50	22.0
			26640	1910	23.33	24.0	22.48	23.0	21.67	22.0
		24	26090	1855	23.33	24.0	22.69	23.0	21.55	22.0
			26365	1882.5	23.33	24.0	22.40	23.0	21.55	22.0
			26640	1910	23.20	24.0	22.26	23.0	21.59	22.0
		49	26090	1855	23.30	24.0	22.51	23.0	21.59	22.0
			26365	1882.5	23.31	24.0	22.35	23.0	21.64	22.0
			26640	1910	23.32	24.0	22.35	23.0	21.42	22.0
	25	0	26090	1855	22.48	23.0	21.51	22.0	20.48	21.0
			26365	1882.5	22.31	23.0	21.31	22.0	20.38	21.0
			26640	1910	22.33	23.0	21.39	22.0	20.48	21.0
		12	26090	1855	22.42	23.0	21.35	22.0	20.51	21.0
			26365	1882.5	22.44	23.0	21.49	22.0	20.43	21.0
			26640	1910	22.32	23.0	21.35	22.0	20.38	21.0
		25	26090	1855	22.40	23.0	21.35	22.0	20.46	21.0
			26365	1882.5	22.41	23.0	21.44	22.0	20.46	21.0
			26640	1910	22.35	23.0	21.34	22.0	20.40	21.0
	50	0	26090	1855	22.38	23.0	21.36	22.0	20.48	21.0
			26365	1882.5	22.46	23.0	21.39	22.0	20.48	21.0
			26640	1910	22.31	23.0	21.23	22.0	20.36	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	26065	1852.5	23.45	24.0	22.64	23.0	21.58	22.0
			26365	1882.5	23.44	24.0	22.60	23.0	21.66	22.0
			26665	1912.5	23.26	24.0	22.47	23.0	21.47	22.0
		12	26065	1852.5	23.50	24.0	22.53	23.0	21.46	22.0
			26365	1882.5	23.69	24.0	22.45	23.0	21.33	22.0
			26665	1912.5	23.41	24.0	22.37	23.0	21.38	22.0
		24	26065	1852.5	23.38	24.0	22.67	23.0	21.29	22.0
			26365	1882.5	23.36	24.0	22.54	23.0	21.50	22.0
			26665	1912.5	23.20	24.0	22.71	23.0	21.46	22.0
	12	0	26065	1852.5	22.39	23.0	21.46	22.0	20.37	21.0
			26365	1882.5	22.36	23.0	21.45	22.0	20.48	21.0
			26665	1912.5	22.21	23.0	21.30	22.0	20.35	21.0
		6	26065	1852.5	22.50	23.0	21.41	22.0	20.36	21.0
			26365	1882.5	22.45	23.0	21.45	22.0	20.43	21.0
			26665	1912.5	22.36	23.0	21.42	22.0	20.38	21.0
		13	26065	1852.5	22.40	23.0	21.48	22.0	20.48	21.0
			26365	1882.5	22.42	23.0	21.41	22.0	20.38	21.0
			26665	1912.5	22.26	23.0	21.30	22.0	20.31	21.0
	25	0	26065	1852.5	22.45	23.0	21.28	22.0	20.33	21.0
			26365	1882.5	22.43	23.0	21.45	22.0	20.44	21.0
			26665	1912.5	22.29	23.0	21.34	22.0	20.19	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	26055	1851.5	23.35	24.0	22.63	23.0	21.00	22.0
			26365	1882.5	23.39	24.0	22.67	23.0	21.52	22.0
			26675	1913.5	23.33	24.0	22.70	23.0	21.14	22.0
		7	26055	1851.5	23.26	24.0	22.64	23.0	21.31	22.0
			26365	1882.5	23.24	24.0	22.51	23.0	21.37	22.0
			26675	1913.5	23.36	24.0	22.39	23.0	21.30	22.0
		14	26055	1851.5	23.50	24.0	22.75	23.0	21.47	22.0
			26365	1882.5	23.40	24.0	22.63	23.0	21.63	22.0
			26675	1913.5	23.14	24.0	22.67	23.0	21.47	22.0
	8	0	26055	1851.5	22.43	23.0	21.57	22.0	20.30	21.0
			26365	1882.5	22.33	23.0	21.56	22.0	20.39	21.0
			26675	1913.5	22.36	23.0	21.43	22.0	20.34	21.0
		4	26055	1851.5	22.48	23.0	21.21	22.0	20.48	21.0
			26365	1882.5	22.42	23.0	21.42	22.0	20.41	21.0
			26675	1913.5	22.32	23.0	21.39	22.0	20.35	21.0
		7	26055	1851.5	22.36	23.0	21.55	22.0	20.32	21.0
			26365	1882.5	22.32	23.0	21.59	22.0	20.41	21.0
			26675	1913.5	22.26	23.0	21.52	22.0	20.22	21.0
	15	0	26055	1851.5	22.35	23.0	21.38	22.0	20.43	21.0
			26365	1882.5	22.38	23.0	21.35	22.0	20.42	21.0
			26675	1913.5	22.33	23.0	21.34	22.0	20.35	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	26047	1850.7	23.19	24.0	22.49	23.0	21.44	22.0
			26365	1882.5	23.21	24.0	22.39	23.0	21.43	22.0
			26683	1914.3	23.23	24.0	22.54	23.0	21.36	22.0
		2	26047	1850.7	23.41	24.0	22.48	23.0	21.56	22.0
			26365	1882.5	23.32	24.0	22.41	23.0	21.56	22.0
			26683	1914.3	23.09	24.0	22.34	23.0	21.39	22.0
		5	26047	1850.7	23.32	24.0	22.34	23.0	21.47	22.0
			26365	1882.5	23.23	24.0	22.46	23.0	21.53	22.0
			26683	1914.3	23.14	24.0	22.45	23.0	21.40	22.0
	3	0	26047	1850.7	23.24	24.0	22.50	23.0	21.21	22.0
			26365	1882.5	23.25	24.0	22.27	23.0	21.31	22.0
			26683	1914.3	23.14	24.0	22.35	23.0	21.10	22.0
		1	26047	1850.7	23.29	24.0	22.49	23.0	21.15	22.0
			26365	1882.5	23.27	24.0	22.38	23.0	21.16	22.0
			26683	1914.3	23.17	24.0	22.41	23.0	21.25	22.0
		3	26047	1850.7	23.32	24.0	22.42	23.0	21.21	22.0
			26365	1882.5	23.24	24.0	22.36	23.0	21.11	22.0
			26683	1914.3	23.20	24.0	22.25	23.0	21.19	22.0
	6	0	26047	1850.7	22.27	23.0	21.40	22.0	20.38	21.0
			26365	1882.5	22.32	23.0	21.37	22.0	20.35	21.0
			26683	1914.3	22.22	23.0	21.19	22.0	20.15	21.0

■ LTE Band 25 - Reduced Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	26140	1860	17.40	18.5	16.73	17.5	15.71	16.5
			26365	1882.5	17.39	18.5	16.63	17.5	15.79	16.5
			26590	1905	17.42	18.5	16.68	17.5	15.73	16.5
		49	26140	1860	17.40	18.5	16.46	17.5	15.81	16.5
			26365	1882.5	17.40	18.5	16.84	17.5	15.89	16.5
			26590	1905	17.42	18.5	16.59	17.5	15.86	16.5
		99	26140	1860	17.40	18.5	16.68	17.5	15.81	16.5
			26365	1882.5	17.48	18.5	16.65	17.5	16.10	16.5
			26590	1905	17.47	18.5	16.82	17.5	15.81	16.5
	50	0	26140	1860	16.62	17.5	15.67	16.5	14.68	15.5
			26365	1882.5	16.55	17.5	15.61	16.5	14.58	15.5
			26590	1905	16.58	17.5	15.54	16.5	14.63	15.5
		24	26140	1860	16.68	17.5	15.66	16.5	14.68	15.5
			26365	1882.5	16.59	17.5	15.54	16.5	14.70	15.5
			26590	1905	16.55	17.5	15.63	16.5	14.71	15.5
		50	26140	1860	16.59	17.5	15.65	16.5	14.66	15.5
			26365	1882.5	16.66	17.5	15.63	16.5	14.71	15.5
			26590	1905	16.68	17.5	15.64	16.5	14.59	15.5
	100	0	26140	1860	16.61	17.5	15.57	16.5	14.63	15.5
			26365	1882.5	16.62	17.5	15.60	16.5	14.47	15.5
			26590	1905	16.53	17.5	15.72	16.5	14.79	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	26115	1857.5	17.50	18.5	16.82	17.5	15.56	16.5
			26365	1882.5	17.50	18.5	16.76	17.5	15.66	16.5
			26615	1907.5	17.46	18.5	16.81	17.5	15.74	16.5
		37	26115	1857.5	17.39	18.5	16.90	17.5	15.92	16.5
			26365	1882.5	17.44	18.5	16.72	17.5	15.94	16.5
			26615	1907.5	17.44	18.5	16.73	17.5	15.67	16.5
		74	26115	1857.5	17.52	18.5	16.89	17.5	16.02	16.5
			26365	1882.5	17.60	18.5	16.96	17.5	15.80	16.5
			26615	1907.5	17.50	18.5	16.71	17.5	15.75	16.5
	36	0	26115	1857.5	16.59	17.5	15.53	16.5	14.56	15.5
			26365	1882.5	16.55	17.5	15.53	16.5	14.48	15.5
			26615	1907.5	16.50	17.5	15.46	16.5	14.50	15.5
		19	26115	1857.5	16.65	17.5	15.63	16.5	14.57	15.5
			26365	1882.5	16.57	17.5	15.55	16.5	14.56	15.5
			26615	1907.5	16.49	17.5	15.54	16.5	14.49	15.5
		39	26115	1857.5	16.64	17.5	15.63	16.5	14.64	15.5
			26365	1882.5	16.65	17.5	15.72	16.5	14.56	15.5
			26615	1907.5	16.60	17.5	15.66	16.5	14.61	15.5
	75	0	26115	1857.5	16.60	17.5	15.57	16.5	14.67	15.5
			26365	1882.5	16.51	17.5	15.59	16.5	14.46	15.5
			26615	1907.5	16.50	17.5	15.46	16.5	14.49	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	26090	1855	17.47	18.5	16.83	17.5	15.91	16.5
			26365	1882.5	17.53	18.5	16.66	17.5	15.96	16.5
			26640	1910	17.56	18.5	16.58	17.5	15.97	16.5
		24	26090	1855	17.49	18.5	16.74	17.5	15.84	16.5
			26365	1882.5	17.53	18.5	16.70	17.5	15.78	16.5
			26640	1910	17.52	18.5	16.63	17.5	15.94	16.5
		49	26090	1855	17.53	18.5	16.86	17.5	15.92	16.5
			26365	1882.5	17.52	18.5	16.72	17.5	15.98	16.5
			26640	1910	17.46	18.5	16.51	17.5	15.84	16.5
	25	0	26090	1855	16.69	17.5	15.68	16.5	14.78	15.5
			26365	1882.5	16.70	17.5	15.68	16.5	14.71	15.5
			26640	1910	16.74	17.5	15.59	16.5	14.71	15.5
		12	26090	1855	16.70	17.5	15.77	16.5	14.76	15.5
			26365	1882.5	16.76	17.5	15.83	16.5	14.85	15.5
			26640	1910	16.67	17.5	15.73	16.5	14.79	15.5
		25	26090	1855	16.67	17.5	15.66	16.5	14.82	15.5
			26365	1882.5	16.76	17.5	15.73	16.5	14.78	15.5
			26640	1910	16.64	17.5	15.73	16.5	14.79	15.5
	50	0	26090	1855	16.74	17.5	15.70	16.5	14.70	15.5
			26365	1882.5	16.75	17.5	15.60	16.5	14.67	15.5
			26640	1910	16.68	17.5	15.67	16.5	14.75	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	26065	1852.5	17.68	18.5	16.91	17.5	15.94	16.5
			26365	1882.5	17.64	18.5	17.15	17.5	16.07	16.5
			26665	1912.5	17.50	18.5	17.20	17.5	15.90	16.5
		12	26065	1852.5	17.94	18.5	16.96	17.5	15.80	16.5
			26365	1882.5	17.83	18.5	16.72	17.5	15.76	16.5
			26665	1912.5	17.96	18.5	16.76	17.5	15.67	16.5
		24	26065	1852.5	17.60	18.5	16.89	17.5	15.62	16.5
			26365	1882.5	17.66	18.5	17.41	17.5	15.94	16.5
			26665	1912.5	17.54	18.5	16.79	17.5	15.56	16.5
	12	0	26065	1852.5	16.83	17.5	15.61	16.5	14.79	15.5
			26365	1882.5	16.70	17.5	15.70	16.5	14.77	15.5
			26665	1912.5	16.59	17.5	15.74	16.5	14.59	15.5
		6	26065	1852.5	16.82	17.5	15.66	16.5	14.76	15.5
			26365	1882.5	16.74	17.5	15.78	16.5	14.57	15.5
			26665	1912.5	16.60	17.5	15.60	16.5	14.63	15.5
		13	26065	1852.5	16.72	17.5	15.84	16.5	14.66	15.5
			26365	1882.5	16.64	17.5	15.74	16.5	14.76	15.5
			26665	1912.5	16.66	17.5	15.70	16.5	14.57	15.5
	25	0	26065	1852.5	16.72	17.5	15.75	16.5	14.74	15.5
			26365	1882.5	16.74	17.5	15.58	16.5	14.75	15.5
			26665	1912.5	16.54	17.5	15.71	16.5	14.59	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	26055	1851.5	17.66	18.5	16.81	17.5	15.83	16.5
			26365	1882.5	17.63	18.5	17.12	17.5	15.87	16.5
			26675	1913.5	17.60	18.5	16.80	17.5	15.74	16.5
		7	26055	1851.5	17.60	18.5	16.85	17.5	15.99	16.5
			26365	1882.5	17.54	18.5	16.92	17.5	15.73	16.5
			26675	1913.5	17.48	18.5	16.54	17.5	15.66	16.5
		14	26055	1851.5	17.62	18.5	17.18	17.5	15.75	16.5
			26365	1882.5	17.67	18.5	16.87	17.5	15.84	16.5
			26675	1913.5	17.57	18.5	16.96	17.5	15.68	16.5
	8	0	26055	1851.5	16.72	17.5	15.77	16.5	14.65	15.5
			26365	1882.5	16.66	17.5	15.74	16.5	14.58	15.5
			26675	1913.5	16.59	17.5	15.86	16.5	14.63	15.5
		4	26055	1851.5	16.80	17.5	15.66	16.5	14.74	15.5
			26365	1882.5	16.64	17.5	15.83	16.5	14.68	15.5
			26675	1913.5	16.63	17.5	15.69	16.5	14.70	15.5
		7	26055	1851.5	16.71	17.5	15.88	16.5	14.78	15.5
			26365	1882.5	16.67	17.5	15.87	16.5	14.78	15.5
			26675	1913.5	16.64	17.5	15.79	16.5	14.59	15.5
	15	0	26055	1851.5	16.77	17.5	15.81	16.5	14.83	15.5
			26365	1882.5	16.69	17.5	15.75	16.5	14.79	15.5
			26675	1913.5	16.74	17.5	15.65	16.5	14.69	15.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	26047	1850.7	17.61	18.5	16.70	17.5	15.88	16.5
			26365	1882.5	17.74	18.5	16.81	17.5	15.81	16.5
			26683	1914.3	17.48	18.5	16.87	17.5	15.71	16.5
		2	26047	1850.7	17.31	18.5	17.02	17.5	15.94	16.5
			26365	1882.5	17.56	18.5	16.98	17.5	15.76	16.5
			26683	1914.3	17.63	18.5	16.58	17.5	15.67	16.5
		5	26047	1850.7	17.80	18.5	16.46	17.5	15.84	16.5
			26365	1882.5	17.73	18.5	16.73	17.5	15.81	16.5
			26683	1914.3	17.57	18.5	17.07	17.5	15.70	16.5
	3	0	26047	1850.7	17.53	18.5	16.68	17.5	15.53	16.5
			26365	1882.5	17.50	18.5	16.70	17.5	15.67	16.5
			26683	1914.3	17.46	18.5	16.74	17.5	15.53	16.5
		1	26047	1850.7	17.69	18.5	16.78	17.5	15.81	16.5
			26365	1882.5	17.59	18.5	16.85	17.5	15.60	16.5
			26683	1914.3	17.50	18.5	16.71	17.5	15.41	16.5
		3	26047	1850.7	17.56	18.5	16.67	17.5	15.45	16.5
			26365	1882.5	17.55	18.5	16.76	17.5	15.61	16.5
			26683	1914.3	17.47	18.5	16.71	17.5	15.59	16.5
	6	0	26047	1850.7	16.53	17.5	15.67	16.5	14.60	15.5
			26365	1882.5	16.60	17.5	15.66	16.5	14.79	15.5
			26683	1914.3	16.56	17.5	15.58	16.5	14.66	15.5

■ LTE Band 26

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	26765	821.5	23.06	23.5	22.22	22.5	21.28	21.5
			26865	831.5	22.86	23.5	22.30	22.5	21.32	21.5
			26965	841.5	22.86	23.5	22.00	22.5	21.35	21.5
		37	26765	821.5	22.71	23.5	22.05	22.5	21.27	21.5
			26865	831.5	22.87	23.5	22.07	22.5	21.28	21.5
			26965	841.5	22.70	23.5	22.02	22.5	21.22	21.5
		74	26765	821.5	22.86	23.5	22.26	22.5	21.14	21.5
			26865	831.5	22.72	23.5	21.99	22.5	21.14	21.5
			26965	841.5	22.77	23.5	21.89	22.5	21.20	21.5
	36	0	26765	821.5	21.95	22.5	20.93	21.5	19.90	20.5
			26865	831.5	21.85	22.5	20.88	21.5	19.91	20.5
			26965	841.5	21.80	22.5	20.82	21.5	19.92	20.5
		19	26765	821.5	21.93	22.5	20.90	21.5	19.93	20.5
			26865	831.5	21.88	22.5	20.81	21.5	19.82	20.5
			26965	841.5	21.77	22.5	20.73	21.5	19.81	20.5
		39	26765	821.5	21.99	22.5	20.97	21.5	19.97	20.5
			26865	831.5	21.90	22.5	20.94	21.5	20.03	20.5
			26965	841.5	21.91	22.5	20.87	21.5	19.90	20.5
	75	0	26765	821.5	22.04	22.5	20.96	21.5	20.01	20.5
			26865	831.5	21.96	22.5	20.89	21.5	19.90	20.5
			26965	841.5	21.97	22.5	20.90	21.5	20.00	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	26740	819	22.86	23.5	22.27	22.5	21.48	21.5
			26865	831.5	22.79	23.5	22.12	22.5	21.20	21.5
			26990	844	22.89	23.5	22.22	22.5	21.27	21.5
		24	26740	819	22.97	23.5	22.17	22.5	21.34	21.5
			26865	831.5	22.86	23.5	22.22	22.5	21.34	21.5
			26990	844	22.78	23.5	22.14	22.5	21.28	21.5
		49	26740	819	22.95	23.5	22.01	22.5	21.30	21.5
			26865	831.5	22.79	23.5	22.21	22.5	21.36	21.5
			26990	844	22.68	23.5	22.16	22.5	21.39	21.5
	25	0	26740	819	22.11	22.5	21.21	21.5	20.18	20.5
			26865	831.5	22.03	22.5	20.91	21.5	20.10	20.5
			26990	844	22.04	22.5	21.09	21.5	20.10	20.5
		12	26740	819	22.13	22.5	21.16	21.5	20.10	20.5
			26865	831.5	22.01	22.5	21.02	21.5	20.08	20.5
			26990	844	22.00	22.5	21.04	21.5	19.98	20.5
		25	26740	819	22.11	22.5	20.91	21.5	20.16	20.5
			26865	831.5	22.05	22.5	21.01	21.5	20.08	20.5
			26990	844	22.06	22.5	21.11	21.5	20.11	20.5
	50	0	26740	819	22.13	22.5	20.99	21.5	20.20	20.5
			26865	831.5	22.01	22.5	21.08	21.5	20.02	20.5
			26990	844	22.00	22.5	20.91	21.5	19.97	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	26715	816.5	22.99	23.5	22.41	22.5	21.46	22.0
			26865	831.5	22.97	23.5	22.22	22.5	21.23	22.0
			27015	846.5	22.94	23.5	22.34	22.5	21.28	22.0
		12	26715	816.5	22.94	23.5	22.05	22.5	21.28	22.0
			26865	831.5	22.94	23.5	22.26	22.5	21.57	22.0
			27015	846.5	22.68	23.5	22.30	22.5	21.20	22.0
		24	26715	816.5	22.99	23.5	22.34	22.5	20.95	22.0
			26865	831.5	22.88	23.5	22.10	22.5	21.40	22.0
			27015	846.5	22.81	23.5	22.32	22.5	21.35	22.0
	12	0	26715	816.5	22.12	22.5	21.30	21.5	20.16	20.5
			26865	831.5	21.95	22.5	20.82	21.5	19.99	20.5
			27015	846.5	22.03	22.5	20.94	21.5	20.02	20.5
		6	26715	816.5	22.18	22.5	21.26	21.5	20.06	20.5
			26865	831.5	22.12	22.5	21.17	21.5	20.04	20.5
			27015	846.5	22.04	22.5	21.10	21.5	20.06	20.5
		13	26715	816.5	22.04	22.5	20.97	21.5	20.13	20.5
			26865	831.5	22.01	22.5	20.95	21.5	20.00	20.5
			27015	846.5	21.92	22.5	20.84	21.5	19.97	20.5
	25	0	26715	816.5	22.17	22.5	21.04	21.5	20.11	20.5
			26865	831.5	21.90	22.5	20.99	21.5	19.91	20.5
			27015	846.5	22.00	22.5	20.97	21.5	20.08	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	26705	815.5	23.03	23.5	22.33	22.5	21.37	22.0
			26865	831.5	22.98	23.5	22.33	22.5	20.78	22.0
			27025	847.5	22.98	23.5	22.29	22.5	20.81	22.0
		7	26705	815.5	22.96	23.5	22.30	22.5	21.61	22.0
			26865	831.5	22.97	23.5	22.26	22.5	21.15	22.0
			27025	847.5	22.88	23.5	22.22	22.5	20.99	22.0
		14	26705	815.5	23.01	23.5	22.33	22.5	21.33	22.0
			26865	831.5	22.92	23.5	22.22	22.5	20.99	22.0
			27025	847.5	22.90	23.5	22.25	22.5	20.99	22.0
	8	0	26705	815.5	22.20	22.5	21.24	21.5	20.10	20.5
			26865	831.5	21.98	22.5	20.97	21.5	19.88	20.5
			27025	847.5	21.95	22.5	21.09	21.5	19.99	20.5
		4	26705	815.5	22.18	22.5	21.15	21.5	20.10	20.5
			26865	831.5	22.04	22.5	21.01	21.5	20.02	20.5
			27025	847.5	21.85	22.5	20.95	21.5	19.99	20.5
		7	26705	815.5	22.02	22.5	21.17	21.5	20.06	20.5
			26865	831.5	21.96	22.5	21.16	21.5	19.98	20.5
			27025	847.5	21.94	22.5	21.26	21.5	19.91	20.5
	15	0	26705	815.5	22.05	22.5	21.20	21.5	20.29	20.5
			26865	831.5	22.02	22.5	20.98	21.5	20.08	20.5
			27025	847.5	21.87	22.5	20.93	21.5	20.07	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	26697	814.7	22.97	23.5	22.21	22.5	21.17	21.5
			26865	831.5	22.90	23.5	22.14	22.5	21.19	21.5
			27033	848.3	22.82	23.5	22.01	22.5	21.18	21.5
		2	26697	814.7	23.10	23.5	22.16	22.5	21.37	21.5
			26865	831.5	23.14	23.5	22.35	22.5	21.23	21.5
			27033	848.3	22.87	23.5	21.90	22.5	21.06	21.5
		5	26697	814.7	23.02	23.5	22.27	22.5	21.23	21.5
			26865	831.5	22.79	23.5	21.97	22.5	21.17	21.5
			27033	848.3	22.88	23.5	22.22	22.5	21.08	21.5
	3	0	26697	814.7	23.01	23.5	22.04	22.5	20.98	21.5
			26865	831.5	22.85	23.5	22.03	22.5	20.90	21.5
			27033	848.3	22.79	23.5	22.09	22.5	20.99	21.5
		1	26697	814.7	23.07	23.5	22.15	22.5	21.20	21.5
			26865	831.5	22.99	23.5	21.92	22.5	21.04	21.5
			27033	848.3	22.76	23.5	22.16	22.5	20.82	21.5
		3	26697	814.7	22.95	23.5	22.18	22.5	21.09	21.5
			26865	831.5	22.88	23.5	21.95	22.5	20.89	21.5
			27033	848.3	22.75	23.5	22.05	22.5	20.87	21.5
	6	0	26697	814.7	21.94	22.5	21.14	21.5	20.09	20.5
			26865	831.5	21.96	22.5	20.82	21.5	20.03	20.5
			27033	848.3	21.79	22.5	20.89	21.5	19.90	20.5

■ LTE Band 66 - Full Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	132072	1720	22.70	24.0	21.93	23.0	20.69	22.0
			132322	1745	22.79	24.0	21.95	23.0	20.90	22.0
			132572	1770	22.68	24.0	22.05	23.0	20.78	22.0
		49	132072	1720	22.73	24.0	21.91	23.0	21.04	22.0
			132322	1745	22.83	24.0	22.25	23.0	21.13	22.0
			132572	1770	22.76	24.0	22.22	23.0	21.11	22.0
		99	132072	1720	22.72	24.0	21.96	23.0	21.24	22.0
			132322	1745	22.81	24.0	22.05	23.0	21.25	22.0
			132572	1770	22.83	24.0	22.14	23.0	21.23	22.0
	50	0	132072	1720	21.69	23.0	20.74	22.0	19.71	21.0
			132322	1745	21.76	23.0	20.81	22.0	19.77	21.0
			132572	1770	21.71	23.0	20.84	22.0	19.69	21.0
		24	132072	1720	21.74	23.0	20.81	22.0	19.84	21.0
			132322	1745	21.82	23.0	20.88	22.0	19.86	21.0
			132572	1770	21.82	23.0	20.81	22.0	19.84	21.0
		50	132072	1720	21.78	23.0	20.85	22.0	19.83	21.0
			132322	1745	21.88	23.0	20.96	22.0	20.00	21.0
			132572	1770	21.81	23.0	20.90	22.0	19.94	21.0
	100	0	132072	1720	21.79	22.5	20.88	21.5	19.80	20.5
			132322	1745	21.91	22.5	20.88	21.5	19.81	20.5
			132572	1770	21.85	22.5	20.74	21.5	19.77	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	132047	1717.5	22.56	24.0	21.98	23.0	20.67	22.0
			132322	1745	22.71	24.0	22.02	23.0	21.05	22.0
			132597	1772.5	22.69	24.0	22.05	23.0	21.22	22.0
		37	132047	1717.5	22.70	24.0	21.88	23.0	21.11	22.0
			132322	1745	22.79	24.0	22.21	23.0	21.25	22.0
			132597	1772.5	22.71	24.0	22.10	23.0	21.24	22.0
		74	132047	1717.5	22.72	24.0	22.02	23.0	20.94	22.0
			132322	1745	22.82	24.0	22.01	23.0	21.25	22.0
			132597	1772.5	22.79	24.0	22.06	23.0	21.13	22.0
	36	0	132047	1717.5	21.71	23.0	20.63	22.0	19.60	21.0
			132322	1745	21.81	23.0	20.79	22.0	19.81	21.0
			132597	1772.5	21.69	23.0	20.75	22.0	19.79	21.0
		19	132047	1717.5	21.84	23.0	20.70	22.0	19.79	21.0
			132322	1745	21.85	23.0	20.81	22.0	19.96	21.0
			132597	1772.5	21.86	23.0	20.71	22.0	19.75	21.0
		39	132047	1717.5	21.84	23.0	20.81	22.0	19.82	21.0
			132322	1745	21.91	23.0	20.86	22.0	19.97	21.0
			132597	1772.5	21.86	23.0	20.83	22.0	19.83	21.0
	75	0	132047	1717.5	21.82	22.5	20.75	21.5	19.82	20.5
			132322	1745	21.79	22.5	20.76	21.5	19.77	20.5
			132597	1772.5	21.80	22.5	20.76	21.5	19.78	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	132022	1715	22.68	24.0	21.90	23.0	21.19	22.0
			132322	1745	22.78	24.0	22.10	23.0	21.13	22.0
			132622	1775	22.86	24.0	22.16	23.0	21.27	22.0
		24	132022	1715	22.78	24.0	21.77	23.0	21.20	22.0
			132322	1745	22.83	24.0	22.27	23.0	21.09	22.0
			132622	1775	22.84	24.0	21.76	23.0	21.32	22.0
		49	132022	1715	22.76	24.0	21.70	23.0	21.09	22.0
			132322	1745	22.93	24.0	21.92	23.0	21.18	22.0
			132622	1775	22.89	24.0	22.18	23.0	21.06	22.0
	25	0	132022	1715	21.92	23.0	20.89	22.0	19.87	21.0
			132322	1745	21.97	23.0	20.95	22.0	20.04	21.0
			132622	1775	21.95	23.0	20.94	22.0	20.04	21.0
		12	132022	1715	21.92	23.0	20.80	22.0	20.02	21.0
			132322	1745	21.95	23.0	21.04	22.0	20.01	21.0
			132622	1775	22.04	23.0	21.01	22.0	20.00	21.0
		25	132022	1715	21.92	23.0	20.87	22.0	19.97	21.0
			132322	1745	22.04	23.0	21.11	22.0	20.13	21.0
			132622	1775	21.94	23.0	20.87	22.0	20.02	21.0
	50	0	132022	1715	21.79	22.5	20.98	21.5	19.98	20.5
			132322	1745	22.04	22.5	20.92	21.5	19.89	20.5
			132622	1775	22.07	22.5	20.91	21.5	20.01	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	131997	1712.5	22.82	24.0	22.28	23.0	20.79	22.0
			132322	1745	23.05	24.0	22.27	23.0	21.37	22.0
			132647	1777.5	22.80	24.0	22.24	23.0	20.95	22.0
		12	131997	1712.5	22.65	24.0	22.13	23.0	21.07	22.0
			132322	1745	23.20	24.0	22.26	23.0	21.13	22.0
			132647	1777.5	23.22	24.0	22.06	23.0	21.27	22.0
		24	131997	1712.5	22.79	24.0	22.07	23.0	21.02	22.0
			132322	1745	22.87	24.0	22.56	23.0	21.29	22.0
			132647	1777.5	22.84	24.0	22.38	23.0	21.15	22.0
	12	0	131997	1712.5	21.86	23.0	20.89	22.0	19.92	21.0
			132322	1745	21.91	23.0	21.05	22.0	19.90	21.0
			132647	1777.5	21.84	23.0	20.78	22.0	19.92	21.0
		6	131997	1712.5	21.88	23.0	20.95	22.0	19.88	21.0
			132322	1745	21.98	23.0	20.90	22.0	19.98	21.0
			132647	1777.5	21.98	23.0	20.98	22.0	19.96	21.0
		13	131997	1712.5	21.87	23.0	21.02	22.0	19.97	21.0
			132322	1745	22.00	23.0	20.93	22.0	20.11	21.0
			132647	1777.5	21.97	23.0	20.98	22.0	19.99	21.0
	25	0	131997	1712.5	21.87	22.5	20.75	21.5	19.86	20.5
			132322	1745	22.00	22.5	20.86	21.5	19.96	20.5
			132647	1777.5	21.94	22.5	20.90	21.5	19.73	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	131987	1711.5	22.71	24.0	21.99	23.0	21.04	22.0
			132322	1745	22.89	24.0	22.17	23.0	21.11	22.0
			132657	1778.5	22.92	24.0	22.18	23.0	21.11	22.0
		7	131987	1711.5	22.66	24.0	21.92	23.0	21.11	22.0
			132322	1745	22.79	24.0	21.89	23.0	21.24	22.0
			132657	1778.5	22.80	24.0	22.22	23.0	21.24	22.0
		14	131987	1711.5	22.85	24.0	21.98	23.0	20.89	22.0
			132322	1745	22.98	24.0	22.27	23.0	21.13	22.0
			132657	1778.5	22.85	24.0	22.15	23.0	21.04	22.0
	8	0	131987	1711.5	21.87	23.0	20.86	22.0	19.92	21.0
			132322	1745	21.97	23.0	20.96	22.0	19.88	21.0
			132657	1778.5	21.87	23.0	21.05	22.0	19.91	21.0
		4	131987	1711.5	21.87	23.0	20.88	22.0	19.85	21.0
			132322	1745	22.06	23.0	21.07	22.0	20.02	21.0
			132657	1778.5	21.96	23.0	20.98	22.0	19.96	21.0
		7	131987	1711.5	21.85	23.0	20.87	22.0	19.81	21.0
			132322	1745	21.95	23.0	21.06	22.0	20.00	21.0
			132657	1778.5	21.87	23.0	21.02	22.0	19.89	21.0
	15	0	131987	1711.5	21.87	22.5	20.88	21.5	19.75	20.5
			132322	1745	21.84	22.5	21.02	21.5	20.00	20.5
			132657	1778.5	21.84	22.5	20.89	21.5	19.97	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	131979	1710.7	22.86	24.0	21.74	23.0	20.93	22.0
			132322	1745	22.85	24.0	21.95	23.0	21.17	22.0
			132665	1779.3	22.77	24.0	22.09	23.0	21.04	22.0
		2	131979	1710.7	22.73	24.0	22.11	23.0	21.08	22.0
			132322	1745	22.92	24.0	22.34	23.0	21.13	22.0
			132665	1779.3	22.88	24.0	22.13	23.0	21.19	22.0
		5	131979	1710.7	22.75	24.0	22.13	23.0	21.01	22.0
			132322	1745	22.84	24.0	22.06	23.0	21.15	22.0
			132665	1779.3	22.76	24.0	22.04	23.0	21.06	22.0
	3	0	131979	1710.7	22.71	24.0	21.83	23.0	20.86	22.0
			132322	1745	22.94	24.0	22.07	23.0	20.79	22.0
			132665	1779.3	22.67	24.0	21.89	23.0	20.82	22.0
		1	131979	1710.7	22.77	24.0	21.80	23.0	20.77	22.0
			132322	1745	22.76	24.0	22.07	23.0	21.02	22.0
			132665	1779.3	22.88	24.0	22.02	23.0	20.80	22.0
		3	131979	1710.7	22.72	24.0	21.90	23.0	20.89	22.0
			132322	1745	22.82	24.0	22.05	23.0	20.96	22.0
			132665	1779.3	22.84	24.0	21.97	23.0	20.93	22.0
	6	0	131979	1710.7	21.74	22.5	20.74	21.5	19.84	20.5
			132322	1745	21.94	22.5	20.95	21.5	19.91	20.5
			132665	1779.3	21.82	22.5	20.88	21.5	19.84	20.5

■ LTE Band 66 - Reduced Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	132072	1720	18.95	20.0	18.20	19.0	17.20	18.0
			132322	1745	19.01	20.0	18.38	19.0	17.38	18.0
			132572	1770	19.01	20.0	18.30	19.0	17.21	18.0
		49	132072	1720	19.02	20.0	18.23	19.0	17.33	18.0
			132322	1745	19.08	20.0	18.33	19.0	17.44	18.0
			132572	1770	19.12	20.0	18.22	19.0	17.30	18.0
		99	132072	1720	19.00	20.0	18.56	19.0	17.50	18.0
			132322	1745	19.14	20.0	18.37	19.0	17.51	18.0
			132572	1770	19.07	20.0	18.40	19.0	17.54	18.0
	50	0	132072	1720	17.99	19.0	16.97	18.0	16.05	17.0
			132322	1745	18.12	19.0	17.10	18.0	16.05	17.0
			132572	1770	18.07	19.0	17.15	18.0	15.99	17.0
		24	132072	1720	18.07	19.0	17.04	18.0	16.12	17.0
			132322	1745	18.15	19.0	17.20	18.0	16.14	17.0
			132572	1770	18.07	19.0	17.03	18.0	16.08	17.0
		50	132072	1720	18.12	19.0	17.19	18.0	16.19	17.0
			132322	1745	18.19	19.0	17.16	18.0	16.22	17.0
			132572	1770	18.13	19.0	17.10	18.0	16.19	17.0
	100	0	132072	1720	18.12	19.0	17.12	18.0	16.12	17.0
			132322	1745	18.09	19.0	17.19	18.0	16.16	17.0
			132572	1770	18.11	19.0	17.06	18.0	16.06	17.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	132047	1717.5	18.94	20.0	18.19	19.0	17.22	18.0
			132322	1745	19.02	20.0	18.31	19.0	16.96	18.0
			132597	1772.5	19.05	20.0	18.32	19.0	17.30	18.0
		37	132047	1717.5	19.03	20.0	18.32	19.0	17.40	18.0
			132322	1745	19.07	20.0	18.54	19.0	17.49	18.0
			132597	1772.5	18.91	20.0	18.44	19.0	17.50	18.0
		74	132047	1717.5	19.08	20.0	18.30	19.0	17.43	18.0
			132322	1745	19.13	20.0	18.36	19.0	17.52	18.0
			132597	1772.5	19.17	20.0	18.52	19.0	17.44	18.0
	36	0	132047	1717.5	18.02	19.0	16.98	18.0	16.04	17.0
			132322	1745	18.07	19.0	17.05	18.0	16.13	17.0
			132597	1772.5	17.98	19.0	17.05	18.0	16.07	17.0
		19	132047	1717.5	18.16	19.0	17.03	18.0	16.03	17.0
			132322	1745	18.13	19.0	17.11	18.0	16.14	17.0
			132597	1772.5	18.11	19.0	17.05	18.0	16.12	17.0
		39	132047	1717.5	18.17	19.0	17.07	18.0	16.13	17.0
			132322	1745	18.21	19.0	17.20	18.0	16.15	17.0
			132597	1772.5	18.17	19.0	17.05	18.0	16.12	17.0
	75	0	132047	1717.5	18.10	19.0	17.13	18.0	16.16	17.0
			132322	1745	18.07	19.0	17.12	18.0	16.17	17.0
			132597	1772.5	18.06	19.0	17.16	18.0	16.14	17.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	132022	1715	19.15	20.0	18.42	19.0	17.27	18.0
			132322	1745	19.04	20.0	18.30	19.0	17.49	18.0
			132622	1775	19.10	20.0	18.08	19.0	17.42	18.0
		24	132022	1715	19.03	20.0	18.18	19.0	17.32	18.0
			132322	1745	19.14	20.0	18.18	19.0	17.70	18.0
			132622	1775	19.10	20.0	18.39	19.0	17.44	18.0
		49	132022	1715	19.08	20.0	18.42	19.0	17.43	18.0
			132322	1745	19.18	20.0	18.36	19.0	17.62	18.0
			132622	1775	19.11	20.0	18.24	19.0	17.29	18.0
	25	0	132022	1715	18.06	19.0	17.02	18.0	16.16	17.0
			132322	1745	18.18	19.0	17.28	18.0	16.33	17.0
			132622	1775	18.12	19.0	17.28	18.0	16.22	17.0
		12	132022	1715	18.27	19.0	17.29	18.0	16.34	17.0
			132322	1745	18.21	19.0	17.28	18.0	16.32	17.0
			132622	1775	18.17	19.0	17.27	18.0	16.33	17.0
		25	132022	1715	18.29	19.0	17.26	18.0	16.32	17.0
			132322	1745	18.28	19.0	17.26	18.0	16.29	17.0
			132622	1775	18.25	19.0	17.10	18.0	16.26	17.0
	50	0	132022	1715	18.22	19.0	17.23	18.0	16.24	17.0
			132322	1745	18.17	19.0	17.13	18.0	16.33	17.0
			132622	1775	18.13	19.0	17.19	18.0	16.26	17.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	131997	1712.5	18.92	20.0	18.44	19.0	17.34	18.0
			132322	1745	19.20	20.0	18.88	19.0	17.27	18.0
			132647	1777.5	19.09	20.0	18.46	19.0	17.24	18.0
		12	131997	1712.5	19.01	20.0	18.36	19.0	17.17	18.0
			132322	1745	19.12	20.0	18.55	19.0	17.28	18.0
			132647	1777.5	19.42	20.0	18.39	19.0	17.34	18.0
		24	131997	1712.5	19.18	20.0	18.51	19.0	17.34	18.0
			132322	1745	19.27	20.0	18.76	19.0	17.24	18.0
			132647	1777.5	19.09	20.0	18.39	19.0	17.49	18.0
	12	0	131997	1712.5	18.22	19.0	17.27	18.0	16.13	17.0
			132322	1745	18.18	19.0	17.30	18.0	16.21	17.0
			132647	1777.5	18.06	19.0	17.01	18.0	16.20	17.0
		6	131997	1712.5	18.22	19.0	17.26	18.0	16.23	17.0
			132322	1745	18.15	19.0	17.30	18.0	16.33	17.0
			132647	1777.5	18.21	19.0	17.23	18.0	16.31	17.0
		13	131997	1712.5	18.17	19.0	17.21	18.0	16.13	17.0
			132322	1745	18.28	19.0	17.37	18.0	16.23	17.0
			132647	1777.5	18.19	19.0	17.14	18.0	16.25	17.0
	25	0	131997	1712.5	18.20	19.0	17.26	18.0	16.22	17.0
			132322	1745	18.17	19.0	17.24	18.0	16.21	17.0
			132647	1777.5	18.13	19.0	17.10	18.0	16.07	17.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
3	1	0	131987	1711.5	18.99	20.0	18.13	19.0	17.18	18.0
			132322	1745	19.17	20.0	18.39	19.0	17.57	18.0
			132657	1778.5	19.05	20.0	18.49	19.0	16.95	18.0
		7	131987	1711.5	18.98	20.0	18.17	19.0	17.27	18.0
			132322	1745	19.14	20.0	18.31	19.0	17.16	18.0
			132657	1778.5	18.96	20.0	18.25	19.0	17.17	18.0
		14	131987	1711.5	19.10	20.0	18.38	19.0	17.31	18.0
			132322	1745	19.17	20.0	18.59	19.0	17.38	18.0
			132657	1778.5	19.14	20.0	18.43	19.0	17.20	18.0
	8	0	131987	1711.5	18.11	19.0	17.31	18.0	16.10	17.0
			132322	1745	18.13	19.0	17.24	18.0	16.03	17.0
			132657	1778.5	18.23	19.0	17.29	18.0	16.15	17.0
		4	131987	1711.5	18.25	19.0	17.22	18.0	16.16	17.0
			132322	1745	18.36	19.0	17.42	18.0	16.44	17.0
			132657	1778.5	18.27	19.0	17.30	18.0	16.19	17.0
		7	131987	1711.5	18.11	19.0	17.10	18.0	16.15	17.0
			132322	1745	18.24	19.0	17.42	18.0	16.25	17.0
			132657	1778.5	18.15	19.0	17.26	18.0	16.19	17.0
	15	0	131987	1711.5	18.10	19.0	17.05	18.0	16.19	17.0
			132322	1745	18.23	19.0	17.17	18.0	16.29	17.0
			132657	1778.5	18.23	19.0	17.25	18.0	16.31	17.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
1.4	1	0	131979	1710.7	19.07	20.0	18.25	19.0	17.25	18.0
			132322	1745	19.12	20.0	18.34	19.0	17.32	18.0
			132665	1779.3	19.04	20.0	18.31	19.0	17.42	18.0
		2	131979	1710.7	18.79	20.0	18.19	19.0	17.33	18.0
			132322	1745	19.26	20.0	18.39	19.0	17.45	18.0
			132665	1779.3	19.29	20.0	18.58	19.0	17.33	18.0
		5	131979	1710.7	19.14	20.0	18.44	19.0	17.20	18.0
			132322	1745	19.04	20.0	18.21	19.0	17.35	18.0
			132665	1779.3	19.08	20.0	18.34	19.0	17.22	18.0
	3	0	131979	1710.7	19.04	20.0	18.15	19.0	17.12	18.0
			132322	1745	19.13	20.0	18.18	19.0	17.28	18.0
			132665	1779.3	19.04	20.0	18.12	19.0	17.24	18.0
		1	131979	1710.7	18.98	20.0	18.11	19.0	17.17	18.0
			132322	1745	19.18	20.0	18.40	19.0	17.33	18.0
			132665	1779.3	19.16	20.0	18.37	19.0	17.21	18.0
		3	131979	1710.7	18.94	20.0	18.14	19.0	16.96	18.0
			132322	1745	19.02	20.0	18.22	19.0	17.13	18.0
			132665	1779.3	19.01	20.0	18.22	19.0	17.14	18.0
	6	0	131979	1710.7	17.95	19.0	17.06	18.0	16.03	17.0
			132322	1745	18.14	19.0	17.09	18.0	16.19	17.0
			132665	1779.3	18.05	19.0	17.14	18.0	16.10	17.0

■ LTE Band 38

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	37850	2580	23.50	24.0	22.90	23.5	21.96	22.0
			38000	2595	23.51	24.0	22.96	23.5	21.88	22.0
			38150	2610	23.40	24.0	22.78	23.5	21.79	22.0
		49	37850	2580	23.51	24.0	22.99	23.5	21.82	22.0
			38000	2595	23.37	24.0	22.99	23.5	21.72	22.0
			38150	2610	23.34	24.0	22.90	23.5	21.63	22.0
		99	37850	2580	23.38	24.0	22.87	23.5	21.69	22.0
			38000	2595	23.41	24.0	22.86	23.5	21.62	22.0
			38150	2610	23.30	24.0	22.86	23.5	21.64	22.0
	50	0	37850	2580	22.64	23.0	21.71	22.0	20.66	21.0
			38000	2595	22.63	23.0	21.64	22.0	20.65	21.0
			38150	2610	22.51	23.0	21.54	22.0	20.55	21.0
		24	37850	2580	22.70	23.0	21.71	22.0	20.74	21.0
			38000	2595	22.61	23.0	21.63	22.0	20.67	21.0
			38150	2610	22.54	23.0	21.57	22.0	20.52	21.0
		50	37850	2580	22.59	23.0	21.60	22.0	20.58	21.0
			38000	2595	22.46	23.0	21.46	22.0	20.52	21.0
			38150	2610	22.45	23.0	21.44	22.0	20.47	21.0
	100	0	37850	2580	22.66	23.0	21.67	22.0	20.70	21.0
			38000	2595	22.59	23.0	21.64	22.0	20.62	21.0
			38150	2610	22.54	23.0	21.56	22.0	20.54	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	37825	2577.5	23.56	24.0	22.96	23.0	21.83	22.0
			38000	2595	23.56	24.0	22.94	23.0	21.74	22.0
			38175	2612.5	23.44	24.0	22.78	23.0	21.64	22.0
		37	37825	2577.5	23.52	24.0	22.87	23.0	21.79	22.0
			38000	2595	23.43	24.0	22.83	23.0	21.70	22.0
			38175	2612.5	23.39	24.0	22.72	23.0	21.63	22.0
		74	37825	2577.5	23.55	24.0	22.80	23.0	21.72	22.0
			38000	2595	23.49	24.0	22.76	23.0	21.67	22.0
			38175	2612.5	23.45	24.0	22.82	23.0	21.64	22.0
	36	0	37825	2577.5	22.66	23.0	21.69	22.0	20.71	21.0
			38000	2595	22.55	23.0	21.69	22.0	20.64	21.0
			38175	2612.5	22.50	23.0	21.54	22.0	20.57	21.0
		19	37825	2577.5	22.59	23.0	21.61	22.0	20.65	21.0
			38000	2595	22.60	23.0	21.61	22.0	20.66	21.0
			38175	2612.5	22.52	23.0	21.57	22.0	20.55	21.0
		39	37825	2577.5	22.51	23.0	21.53	22.0	20.62	21.0
			38000	2595	22.47	23.0	21.50	22.0	20.51	21.0
			38175	2612.5	22.39	23.0	21.43	22.0	20.46	21.0
	75	0	37825	2577.5	22.54	23.0	21.58	22.0	20.61	21.0
			38000	2595	22.53	23.0	21.60	22.0	20.62	21.0
			38175	2612.5	22.45	23.0	21.50	22.0	20.49	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	37800	2575	23.56	24.0	22.84	23.0	21.92	22.5
			38000	2595	23.59	24.0	22.85	23.0	21.95	22.5
			38200	2615	23.39	24.0	22.65	23.0	21.96	22.5
		24	37800	2575	23.59	24.0	22.74	23.0	22.04	22.5
			38000	2595	23.51	24.0	22.70	23.0	21.97	22.5
			38200	2615	23.45	24.0	22.68	23.0	21.74	22.5
		49	37800	2575	23.51	24.0	22.71	23.0	21.80	22.5
			38000	2595	23.49	24.0	22.78	23.0	21.79	22.5
			38200	2615	23.48	24.0	22.66	23.0	21.65	22.5
	25	0	37800	2575	22.79	23.0	21.73	22.0	20.87	21.0
			38000	2595	22.70	23.0	21.69	22.0	20.78	21.0
			38200	2615	22.58	23.0	21.62	22.0	20.70	21.0
		12	37800	2575	22.76	23.0	21.74	22.0	20.88	21.0
			38000	2595	22.70	23.0	21.69	22.0	20.85	21.0
			38200	2615	22.60	23.0	21.60	22.0	20.74	21.0
		25	37800	2575	22.65	23.0	21.72	22.0	20.79	21.0
			38000	2595	22.56	23.0	21.59	22.0	20.65	21.0
			38200	2615	22.51	23.0	21.50	22.0	20.59	21.0
	50	0	37800	2575	22.74	23.0	21.82	22.0	20.76	21.0
			38000	2595	22.67	23.0	21.71	22.0	20.77	21.0
			38200	2615	22.57	23.0	21.60	22.0	20.62	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	37775	2572.5	23.67	24.0	23.05	23.5	21.91	22.0
			38000	2595	23.62	24.0	22.96	23.5	21.85	22.0
			38225	2617.5	23.48	24.0	22.71	23.5	21.76	22.0
		12	37775	2572.5	23.63	24.0	22.74	23.5	21.79	22.0
			38000	2595	23.59	24.0	22.86	23.5	21.68	22.0
			38225	2617.5	23.48	24.0	22.72	23.5	21.78	22.0
		24	37775	2572.5	23.57	24.0	22.99	23.5	21.84	22.0
			38000	2595	23.51	24.0	22.81	23.5	21.70	22.0
			38225	2617.5	23.52	24.0	22.71	23.5	21.66	22.0
	12	0	37775	2572.5	22.72	23.0	21.68	22.0	20.72	21.0
			38000	2595	22.67	23.0	21.63	22.0	20.66	21.0
			38225	2617.5	22.51	23.0	21.56	22.0	20.55	21.0
		6	37775	2572.5	22.62	23.0	21.59	22.0	20.57	21.0
			38000	2595	22.69	23.0	21.68	22.0	20.63	21.0
			38225	2617.5	22.60	23.0	21.64	22.0	20.55	21.0
		13	37775	2572.5	22.64	23.0	21.57	22.0	20.71	21.0
			38000	2595	22.56	23.0	21.53	22.0	20.56	21.0
			38225	2617.5	22.48	23.0	21.43	22.0	20.47	21.0
	25	0	37775	2572.5	22.62	23.0	21.74	22.0	20.73	21.0
			38000	2595	22.63	23.0	21.77	22.0	20.70	21.0
			38225	2617.5	22.53	23.0	21.66	22.0	20.60	21.0

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BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	39750	2506	23.10	24.0	22.53	23.0	21.42	22.0
			40185	2549.5	23.22	24.0	22.67	23.0	21.61	22.0
			40620	2593	23.77	24.0	22.87	23.0	21.82	22.0
			41055	2636.5	23.26	24.0	22.76	23.0	21.56	22.0
			41490	2680	23.48	24.0	22.68	23.0	21.64	22.0
		49	39750	2506	23.06	24.0	22.38	23.0	21.41	22.0
			40185	2549.5	23.20	24.0	22.59	23.0	21.56	22.0
			40620	2593	23.26	24.0	22.67	23.0	21.55	22.0
			41055	2636.5	23.06	24.0	22.48	23.0	21.39	22.0
			41490	2680	23.18	24.0	22.54	23.0	21.48	22.0
		99	39750	2506	23.49	24.0	22.68	23.0	21.40	22.0
			40185	2549.5	22.76	24.0	22.70	23.0	21.46	22.0
			40620	2593	23.19	24.0	22.82	23.0	21.52	22.0
			41055	2636.5	23.17	24.0	22.49	23.0	21.35	22.0
			41490	2680	23.25	24.0	22.61	23.0	21.45	22.0
	50	0	39750	2506	20.31	23.0	19.34	22.0	18.36	21.0
			40185	2549.5	22.49	23.0	21.47	22.0	20.53	21.0
			40620	2593	22.59	23.0	21.60	22.0	20.57	21.0
			41055	2636.5	22.35	23.0	21.35	22.0	20.38	21.0
			41490	2680	22.42	23.0	21.48	22.0	20.45	21.0
		24	39750	2506	20.31	23.0	19.31	22.0	18.30	21.0
			40185	2549.5	22.45	23.0	21.45	22.0	20.53	21.0
			40620	2593	22.47	23.0	21.48	22.0	20.48	21.0
			41055	2636.5	22.35	23.0	21.41	22.0	20.38	21.0
			41490	2680	22.46	23.0	21.46	22.0	20.55	21.0
50		39750	2506	20.30	23.0	19.30	22.0	18.35	21.0	
		40185	2549.5	22.41	23.0	21.39	22.0	20.41	21.0	
		40620	2593	22.42	23.0	21.44	22.0	20.44	21.0	
		41055	2636.5	22.26	23.0	21.27	22.0	20.30	21.0	
		41490	2680	22.39	23.0	21.46	22.0	20.45	21.0	

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20	100	0	39750	2506	20.30	23.0	19.34	22.0	18.29	21.0
			40185	2549.5	22.45	23.0	21.47	22.0	20.49	21.0
			40620	2593	22.44	23.0	21.48	22.0	20.43	21.0
			41055	2636.5	22.27	23.0	21.32	22.0	20.25	21.0
			41490	2680	22.45	23.0	21.46	22.0	20.47	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	39725	2503.5	23.20	24.0	22.81	23.0	21.40	22.0
			40175	2548.5	23.42	24.0	22.69	23.0	21.73	22.0
			40620	2593	22.84	24.0	22.93	23.0	21.81	22.0
			41065	2637.5	23.31	24.0	22.62	23.0	21.49	22.0
			41515	2682.5	23.35	24.0	22.70	23.0	21.56	22.0
		37	39725	2503.5	23.17	24.0	22.47	23.0	21.31	22.0
			40175	2548.5	23.29	24.0	22.59	23.0	21.56	22.0
			40620	2593	23.29	24.0	22.65	23.0	21.61	22.0
			41065	2637.5	23.17	24.0	22.50	23.0	21.45	22.0
			41515	2682.5	23.27	24.0	22.55	23.0	21.53	22.0
		74	39725	2503.5	23.79	24.0	22.87	23.0	21.38	22.0
			40175	2548.5	23.03	24.0	22.35	23.0	21.54	22.0
			40620	2593	23.32	24.0	22.70	23.0	21.56	22.0
			41065	2637.5	23.26	24.0	22.53	23.0	21.44	22.0
			41515	2682.5	23.41	24.0	22.72	23.0	21.61	22.0
	36	0	39725	2503.5	20.30	23.0	19.31	22.0	18.34	21.0
			40175	2548.5	22.42	23.0	21.51	22.0	20.51	21.0
			40620	2593	22.55	23.0	21.59	22.0	20.55	21.0
			41065	2637.5	22.33	23.0	21.34	22.0	20.42	21.0
			41515	2682.5	22.50	23.0	21.51	22.0	20.55	21.0
		19	39725	2503.5	20.32	23.0	19.30	22.0	18.33	21.0
			40175	2548.5	22.37	23.0	21.38	22.0	20.40	21.0
			40620	2593	22.37	23.0	21.47	22.0	20.44	21.0
			41065	2637.5	22.36	23.0	21.38	22.0	20.40	21.0
			41515	2682.5	22.45	23.0	21.45	22.0	20.48	21.0
39		39725	2503.5	20.26	23.0	19.24	22.0	18.31	21.0	
		40175	2548.5	22.39	23.0	21.42	22.0	20.40	21.0	
		40620	2593	22.37	23.0	21.39	22.0	20.43	21.0	
		41065	2637.5	22.28	23.0	21.31	22.0	20.35	21.0	
		41515	2682.5	22.46	23.0	21.47	22.0	20.48	21.0	

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15	75	0	39725	2503.5	20.36	23.0	19.34	22.0	18.35	21.0
			40175	2548.5	22.37	23.0	21.43	22.0	20.40	21.0
			40620	2593	22.40	23.0	21.47	22.0	20.47	21.0
			41065	2637.5	22.25	23.0	21.28	22.0	20.30	21.0
			41515	2682.5	22.48	23.0	21.48	22.0	20.50	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	39700	2501	23.34	24.0	22.62	23.0	21.79	22.5
			40160	2547	23.51	24.0	22.76	23.0	21.83	22.5
			40620	2593	23.54	24.0	22.83	23.0	21.90	22.5
			41080	2639	23.45	24.0	22.67	23.0	21.88	22.5
			41540	2685	23.45	24.0	22.75	23.0	21.92	22.5
		24	39700	2501	23.17	24.0	22.60	23.0	21.61	22.5
			40160	2547	23.34	24.0	22.72	23.0	21.95	22.5
			40620	2593	23.43	24.0	22.67	23.0	21.99	22.5
			41080	2639	23.34	24.0	22.66	23.0	21.86	22.5
			41540	2685	23.45	24.0	22.74	23.0	21.90	22.5
		49	39700	2501	23.20	24.0	22.50	23.0	21.52	22.5
			40160	2547	23.43	24.0	22.58	23.0	21.78	22.5
			40620	2593	23.40	24.0	22.76	23.0	21.77	22.5
			41080	2639	23.36	24.0	22.77	23.0	21.69	22.5
			41540	2685	23.56	24.0	22.64	23.0	21.91	22.0
	25	0	39700	2501	20.40	23.0	19.40	22.0	18.54	21.0
			40160	2547	22.57	23.0	21.52	22.0	20.69	21.0
			40620	2593	22.65	23.0	21.63	22.0	20.77	21.0
			41080	2639	22.59	23.0	21.60	22.0	20.70	21.0
			41540	2685	22.61	23.0	21.60	22.0	20.69	21.0
		12	39700	2501	20.37	23.0	19.36	22.0	18.45	21.0
			40160	2547	22.61	23.0	21.65	22.0	20.72	21.0
			40620	2593	22.47	23.0	21.59	22.0	20.75	21.0
			41080	2639	22.47	23.0	21.49	22.0	20.67	21.0
			41540	2685	22.58	23.0	21.63	22.0	20.70	21.0
25		39700	2501	20.36	23.0	19.30	22.0	18.46	21.0	
		40160	2547	22.51	23.0	21.55	22.0	20.61	21.0	
		40620	2593	22.49	23.0	21.56	22.0	20.65	21.0	
		41080	2639	22.46	23.0	21.49	22.0	20.59	21.0	
		41540	2685	22.56	23.0	21.52	22.0	20.70	21.0	

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10	50	0	39700	2501	20.39	23.0	19.31	22.0	18.34	21.0
			40160	2547	22.58	23.0	21.61	22.0	20.68	21.0
			40620	2593	22.56	23.0	21.53	22.0	20.59	21.0
			41080	2639	22.49	23.0	21.45	22.0	20.59	21.0
			41540	2685	22.62	23.0	21.55	22.0	20.67	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	39675	2498.5	23.32	24.0	22.71	23.5	21.59	22.0
			40145	2545.5	23.46	24.0	22.83	23.5	21.67	22.0
			40620	2593	23.55	24.0	22.80	23.5	21.76	22.0
			41095	2640.5	23.50	24.0	22.83	23.5	21.78	22.0
			41565	2687.5	23.52	24.0	22.91	23.5	21.77	22.0
		12	39675	2498.5	23.29	24.0	22.50	23.5	21.64	22.0
			40145	2545.5	23.41	24.0	23.16	23.5	21.67	22.0
			40620	2593	23.91	24.0	22.71	23.5	21.86	22.0
			41095	2640.5	23.50	24.0	22.92	23.5	21.76	22.0
			41565	2687.5	23.47	24.0	23.00	23.5	21.67	22.0
		24	39675	2498.5	23.38	24.0	22.75	23.5	21.55	22.0
			40145	2545.5	23.51	24.0	22.95	23.5	21.62	22.0
			40620	2593	23.61	24.0	22.80	23.5	21.73	22.0
			41095	2640.5	23.50	24.0	22.75	23.5	21.64	22.0
			41565	2687.5	23.45	24.0	22.92	23.5	21.82	22.0
	12	0	39675	2498.5	20.39	23.0	19.36	22.0	18.39	21.0
			40145	2545.5	22.64	23.0	21.53	22.0	20.60	21.0
			40620	2593	22.62	23.0	21.58	22.0	20.69	21.0
			41095	2640.5	22.58	23.0	21.56	22.0	20.52	21.0
			41565	2687.5	22.65	23.0	21.55	22.0	20.59	21.0
		6	39675	2498.5	20.36	23.0	19.34	22.0	18.45	21.0
			40145	2545.5	22.51	23.0	21.50	22.0	20.39	21.0
			40620	2593	22.58	23.0	21.55	22.0	20.57	21.0
			41095	2640.5	22.50	23.0	21.52	22.0	20.43	21.0
			41565	2687.5	22.62	23.0	21.67	22.0	20.56	21.0
13		39675	2498.5	20.39	23.0	19.34	22.0	18.37	21.0	
		40145	2545.5	22.51	23.0	21.46	22.0	20.53	21.0	
		40620	2593	22.58	23.0	21.46	22.0	20.44	21.0	
		41095	2640.5	22.44	23.0	21.44	22.0	20.43	21.0	
		41565	2687.5	22.63	23.0	21.58	22.0	20.56	21.0	

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5	25	0	39675	2498.5	20.38	23.0	19.46	22.0	18.39	21.0
			40145	2545.5	22.49	23.0	21.61	22.0	20.51	21.0
			40620	2593	22.48	23.0	21.61	22.0	20.54	21.0
			41095	2640.5	22.43	23.0	21.55	22.0	20.52	21.0
			41565	2687.5	22.58	23.0	21.66	22.0	20.71	21.0

■ LTE Band 42

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	42190	3460	22.82	23.5	22.37	22.5	21.14	21.5
			42590	3500	22.79	23.5	22.26	22.5	21.09	21.5
			42990	3540	22.58	23.5	21.90	22.5	20.79	21.5
		49	42190	3460	22.55	23.5	22.03	22.5	20.96	21.5
			42590	3500	22.56	23.5	21.96	22.5	20.89	21.5
			42990	3540	22.56	23.5	21.97	22.5	20.90	21.5
		99	42190	3460	22.49	23.5	22.02	22.5	20.88	21.5
			42590	3500	22.37	23.5	21.86	22.5	20.72	21.5
			42990	3540	22.46	23.5	21.96	22.5	20.83	21.5
	50	0	42190	3460	21.86	22.5	20.93	21.5	19.97	20.5
			42590	3500	21.93	22.5	20.96	21.5	19.97	20.5
			42990	3540	21.82	22.5	20.77	21.5	19.84	20.5
		24	42190	3460	21.90	22.5	20.91	21.5	19.91	20.5
			42590	3500	21.74	22.5	20.82	21.5	19.81	20.5
			42990	3540	21.84	22.5	20.89	21.5	19.87	20.5
		50	42190	3460	21.80	22.5	20.82	21.5	19.84	20.5
			42590	3500	21.65	22.5	20.73	21.5	19.74	20.5
			42990	3540	21.83	22.5	20.83	21.5	19.84	20.5
	100	0	42190	3460	21.90	22.5	20.95	21.5	19.85	20.5
			42590	3500	21.83	22.5	20.92	21.5	19.91	20.5
			42990	3540	21.81	22.5	20.85	21.5	19.87	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	42165	3457.5	22.89	23.5	22.31	22.5	21.07	21.5
			42590	3500	22.84	23.5	22.24	22.5	21.02	21.5
			43015	3542.5	22.64	23.5	22.03	22.5	20.84	21.5
		37	42165	3457.5	22.69	23.5	22.14	22.5	20.99	21.5
			42590	3500	22.71	23.5	21.95	22.5	20.94	21.5
			43015	3542.5	22.63	23.5	21.95	22.5	20.91	21.5
		74	42165	3457.5	22.65	23.5	21.91	22.5	20.88	21.5
			42590	3500	22.55	23.5	21.79	22.5	20.71	21.5
			43015	3542.5	22.67	23.5	21.95	22.5	20.86	21.5
	36	0	42165	3457.5	21.92	22.5	20.96	21.5	19.88	20.5
			42590	3500	21.89	22.5	20.88	21.5	19.94	20.5
			43015	3542.5	21.81	22.5	20.80	21.5	19.80	20.5
		19	42165	3457.5	21.87	22.5	20.93	21.5	19.93	20.5
			42590	3500	21.77	22.5	20.81	21.5	19.76	20.5
			43015	3542.5	21.84	22.5	20.85	21.5	19.89	20.5
		39	42165	3457.5	21.75	22.5	20.82	21.5	19.79	20.5
			42590	3500	21.70	22.5	20.73	21.5	19.75	20.5
			43015	3542.5	21.78	22.5	20.85	21.5	19.83	20.5
	75	0	42165	3457.5	21.91	22.5	20.92	21.5	19.86	20.5
			42590	3500	21.85	22.5	20.84	21.5	19.88	20.5
			43015	3542.5	21.87	22.5	20.87	21.5	19.89	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	42140	3455	22.94	23.5	22.36	22.5	21.34	21.5
			42590	3500	22.85	23.5	22.31	22.5	21.25	21.5
			43040	3545	22.77	23.5	22.19	22.5	21.26	21.5
		24	42140	3455	22.82	23.5	22.13	22.5	21.22	21.5
			42590	3500	22.77	23.5	22.05	22.5	21.25	21.5
			43040	3545	22.86	23.5	22.10	22.5	21.20	21.5
		49	42140	3455	22.78	23.5	22.02	22.5	21.11	21.5
			42590	3500	22.71	23.5	21.98	22.5	21.07	21.5
			43040	3545	22.75	23.5	22.09	22.5	21.17	21.5
	25	0	42140	3455	22.03	22.5	21.10	21.5	20.25	20.5
			42590	3500	21.90	22.5	20.95	21.5	20.08	20.5
			43040	3545	21.86	22.5	20.89	21.5	19.94	20.5
		12	42140	3455	22.07	22.5	21.06	21.5	20.25	20.5
			42590	3500	22.01	22.5	21.00	21.5	20.12	20.5
			43040	3545	21.99	22.5	20.97	21.5	20.11	20.5
		25	42140	3455	21.98	22.5	21.04	21.5	20.15	20.5
			42590	3500	21.91	22.5	20.90	21.5	19.98	20.5
			43040	3545	21.92	22.5	20.96	21.5	20.09	20.5
	50	0	42140	3455	22.10	22.5	21.04	21.5	20.11	20.5
			42590	3500	22.00	22.5	20.94	21.5	20.05	20.5
			43040	3545	22.02	22.5	20.94	21.5	20.05	20.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	42115	3452.5	23.04	23.5	22.29	22.5	21.18	21.5
			42590	3500	22.94	23.5	22.29	22.5	21.17	21.5
			43065	3547.5	22.94	23.5	22.22	22.5	21.04	21.5
		12	42115	3452.5	23.24	23.5	22.15	22.5	21.30	21.5
			42590	3500	23.23	23.5	22.12	22.5	21.16	21.5
			43065	3547.5	22.91	23.5	22.39	22.5	21.14	21.5
		24	42115	3452.5	22.98	23.5	22.21	22.5	21.24	21.5
			42590	3500	22.82	23.5	22.10	22.5	21.06	21.5
			43065	3547.5	22.82	23.5	22.23	22.5	21.09	21.5
	12	0	42115	3452.5	22.14	22.5	21.07	21.5	20.05	20.5
			42590	3500	21.97	22.5	20.82	21.5	20.02	20.5
			43065	3547.5	21.91	22.5	20.78	21.5	19.92	20.5
		6	42115	3452.5	22.11	22.5	21.10	21.5	20.04	20.5
			42590	3500	21.99	22.5	20.97	21.5	19.99	20.5
			43065	3547.5	21.88	22.5	20.91	21.5	19.87	20.5
		13	42115	3452.5	22.08	22.5	21.04	21.5	20.05	20.5
			42590	3500	21.95	22.5	20.89	21.5	19.89	20.5
			43065	3547.5	21.89	22.5	20.93	21.5	19.90	20.5
	25	0	42115	3452.5	22.05	22.5	21.06	21.5	20.09	20.5
			42590	3500	21.93	22.5	21.07	21.5	20.08	20.5
			43065	3547.5	21.83	22.5	20.88	21.5	19.95	20.5

■ LTE Band 43 - Full Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	44690	3710	23.02	24.0	22.50	23.0	21.49	22.0
			45090	3750	23.23	24.0	22.67	23.0	21.53	22.0
			45490	3790	23.26	24.0	22.81	23.0	21.61	22.0
		49	44690	3710	23.03	24.0	22.39	23.0	21.33	22.0
			45090	3750	23.23	24.0	22.74	23.0	21.63	22.0
			45490	3790	23.24	24.0	22.92	23.0	21.66	22.0
		99	44690	3710	23.00	24.0	22.43	23.0	21.40	22.0
			45090	3750	23.22	24.0	22.84	23.0	21.68	22.0
			45490	3790	23.26	24.0	22.87	23.0	21.69	22.0
	50	0	44690	3710	22.24	23.0	21.24	22.0	20.30	21.0
			45090	3750	22.36	23.0	21.40	22.0	20.42	21.0
			45490	3790	22.40	23.0	21.42	22.0	20.49	21.0
		24	44690	3710	22.22	23.0	21.30	22.0	20.30	21.0
			45090	3750	22.43	23.0	21.44	22.0	20.48	21.0
			45490	3790	22.58	23.0	21.60	22.0	20.60	21.0
		50	44690	3710	22.24	23.0	21.26	22.0	20.29	21.0
			45090	3750	22.46	23.0	21.48	22.0	20.52	21.0
			45490	3790	22.55	23.0	21.56	22.0	20.58	21.0
	100	0	44690	3710	22.21	23.0	21.27	22.0	20.31	21.0
			45090	3750	22.37	23.0	21.44	22.0	20.44	21.0
			45490	3790	22.47	23.0	21.50	22.0	20.48	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	44665	3707.5	23.26	24.0	22.63	23.0	21.54	22.0
			45090	3750	23.44	24.0	22.84	23.0	21.54	22.0
			45515	3792.5	23.48	24.0	22.87	23.0	21.70	22.0
		37	44665	3707.5	23.23	24.0	22.57	23.0	21.54	22.0
			45090	3750	23.39	24.0	22.76	23.0	21.65	22.0
			45515	3792.5	23.42	24.0	22.92	23.0	21.67	22.0
		74	44665	3707.5	23.28	24.0	22.65	23.0	21.51	22.0
			45090	3750	23.48	24.0	22.75	23.0	21.71	22.0
			45515	3792.5	23.50	24.0	22.81	23.0	21.75	22.0
	36	0	44665	3707.5	22.29	23.0	21.37	22.0	20.40	21.0
			45090	3750	22.42	23.0	21.52	22.0	20.51	21.0
			45515	3792.5	22.52	23.0	21.55	22.0	20.59	21.0
		19	44665	3707.5	22.33	23.0	21.39	22.0	20.41	21.0
			45090	3750	22.45	23.0	21.50	22.0	20.45	21.0
			45515	3792.5	22.54	23.0	21.59	22.0	20.63	21.0
		39	44665	3707.5	22.32	23.0	21.32	22.0	20.30	21.0
			45090	3750	22.52	23.0	21.56	22.0	20.61	21.0
			45515	3792.5	22.51	23.0	21.61	22.0	20.59	21.0
	75	0	44665	3707.5	22.31	23.0	21.35	22.0	20.37	21.0
			45090	3750	22.43	23.0	21.44	22.0	20.41	21.0
			45515	3792.5	22.53	23.0	21.56	22.0	20.53	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	44640	3705	23.21	24.0	22.59	23.0	21.76	22.0
			45090	3750	23.44	24.0	22.78	23.0	21.88	22.0
			45540	3795	23.36	24.0	22.64	23.0	21.94	22.0
		24	44640	3705	23.20	24.0	22.48	23.0	21.63	22.0
			45090	3750	23.42	24.0	22.64	23.0	21.81	22.0
			45540	3795	23.36	24.0	22.79	23.0	21.71	22.0
		49	44640	3705	23.20	24.0	22.52	23.0	21.65	22.0
			45090	3750	23.38	24.0	22.78	23.0	21.90	22.0
			45540	3795	23.53	24.0	22.66	23.0	21.91	22.0
	25	0	44640	3705	22.42	23.0	21.47	22.0	20.56	21.0
			45090	3750	22.55	23.0	21.56	22.0	20.66	21.0
			45540	3795	22.68	23.0	21.70	22.0	20.78	21.0
		12	44640	3705	22.44	23.0	21.45	22.0	20.53	21.0
			45090	3750	22.54	23.0	21.58	22.0	20.71	21.0
			45540	3795	22.64	23.0	21.71	22.0	20.81	21.0
		25	44640	3705	22.40	23.0	21.41	22.0	20.54	21.0
			45090	3750	22.57	23.0	21.66	22.0	20.75	21.0
			45540	3795	22.63	23.0	21.70	22.0	20.82	21.0
	50	0	44640	3705	22.43	23.0	21.45	22.0	20.54	21.0
			45090	3750	22.53	23.0	21.52	22.0	20.59	21.0
			45540	3795	22.67	23.0	21.68	22.0	20.74	21.0

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	44615	3702.5	23.33	24.0	22.67	23.0	21.52	22.0
			45090	3750	23.53	24.0	22.78	23.0	21.67	22.0
			45565	3797.5	23.59	24.0	22.79	23.0	21.88	22.0
		12	44615	3702.5	23.34	24.0	22.53	23.0	21.58	22.0
			45090	3750	23.66	24.0	22.91	23.0	21.80	22.0
			45565	3797.5	23.56	24.0	22.89	23.0	21.79	22.0
		24	44615	3702.5	23.38	24.0	22.61	23.0	21.71	22.0
			45090	3750	23.53	24.0	22.84	23.0	21.66	22.0
			45565	3797.5	23.60	24.0	22.89	23.0	21.83	22.0
	12	0	44615	3702.5	22.43	23.0	21.43	22.0	20.42	21.0
			45090	3750	22.55	23.0	21.45	22.0	20.50	21.0
			45565	3797.5	22.67	23.0	21.62	22.0	20.62	21.0
		6	44615	3702.5	22.47	23.0	21.46	22.0	20.41	21.0
			45090	3750	22.59	23.0	21.52	22.0	20.56	21.0
			45565	3797.5	22.66	23.0	21.62	22.0	20.62	21.0
		13	44615	3702.5	22.43	23.0	21.39	22.0	20.44	21.0
			45090	3750	22.65	23.0	21.62	22.0	20.61	21.0
			45565	3797.5	22.70	23.0	21.63	22.0	20.57	21.0
	25	0	44615	3702.5	22.45	23.0	21.52	22.0	20.45	21.0
			45090	3750	22.50	23.0	21.58	22.0	20.59	21.0
			45565	3797.5	22.60	23.0	21.70	22.0	20.63	21.0

■ LTE Band 43 - Reduced Power

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
20	1	0	44690	3710	19.11	20.5	18.37	19.5	17.43	18.5
			45090	3750	19.36	20.5	18.60	19.5	17.70	18.5
			45490	3790	19.39	20.5	18.60	19.5	17.62	18.5
		49	44690	3710	18.97	20.5	18.38	19.5	17.35	18.5
			45090	3750	19.24	20.5	18.53	19.5	17.56	18.5
			45490	3790	19.31	20.5	18.57	19.5	17.65	18.5
		99	44690	3710	19.10	20.5	18.38	19.5	17.45	18.5
			45090	3750	19.26	20.5	18.53	19.5	17.59	18.5
			45490	3790	19.30	20.5	18.67	19.5	17.64	18.5
	50	0	44690	3710	18.18	19.5	17.21	18.5	16.27	17.5
			45090	3750	18.42	19.5	17.48	18.5	16.46	17.5
			45490	3790	18.45	19.5	17.46	18.5	16.48	17.5
		24	44690	3710	18.21	19.5	17.24	18.5	16.25	17.5
			45090	3750	18.40	19.5	17.45	18.5	16.48	17.5
			45490	3790	18.47	19.5	17.46	18.5	16.49	17.5
		50	44690	3710	18.17	19.5	17.16	18.5	16.22	17.5
			45090	3750	18.39	19.5	17.41	18.5	16.45	17.5
			45490	3790	18.44	19.5	17.45	18.5	16.47	17.5
	100	0	44690	3710	18.20	19.5	17.24	18.5	16.21	17.5
			45090	3750	18.41	19.5	17.45	18.5	16.46	17.5
			45490	3790	18.45	19.5	17.49	18.5	16.44	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
15	1	0	44665	3707.5	19.26	20.5	18.55	19.5	17.56	18.5
			45090	3750	19.46	20.5	18.75	19.5	17.69	18.5
			45515	3792.5	19.42	20.5	18.74	19.5	17.67	18.5
		37	44665	3707.5	19.24	20.5	18.54	19.5	17.46	18.5
			45090	3750	19.41	20.5	18.68	19.5	17.63	18.5
			45515	3792.5	19.40	20.5	18.68	19.5	17.66	18.5
		74	44665	3707.5	19.25	20.5	18.56	19.5	17.45	18.5
			45090	3750	19.38	20.5	18.72	19.5	17.66	18.5
			45515	3792.5	19.45	20.5	18.73	19.5	17.70	18.5
	36	0	44665	3707.5	18.30	19.5	17.28	18.5	16.31	17.5
			45090	3750	18.46	19.5	17.45	18.5	16.51	17.5
			45515	3792.5	18.49	19.5	17.46	18.5	16.48	17.5
		19	44665	3707.5	18.28	19.5	17.32	18.5	16.35	17.5
			45090	3750	18.47	19.5	17.52	18.5	16.49	17.5
			45515	3792.5	18.47	19.5	17.51	18.5	16.51	17.5
		39	44665	3707.5	18.27	19.5	17.31	18.5	16.32	17.5
			45090	3750	18.42	19.5	17.45	18.5	16.44	17.5
			45515	3792.5	18.45	19.5	17.47	18.5	16.45	17.5
	75	0	44665	3707.5	18.25	19.5	17.31	18.5	16.34	17.5
			45090	3750	18.42	19.5	17.42	18.5	16.46	17.5
			45515	3792.5	18.48	19.5	17.46	18.5	16.48	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
10	1	0	44640	3705	19.25	20.5	18.53	19.5	17.80	18.5
			45090	3750	19.37	20.5	18.67	19.5	17.80	18.5
			45540	3795	19.41	20.5	18.67	19.5	17.91	18.5
		24	44640	3705	19.19	20.5	18.46	19.5	17.62	18.5
			45090	3750	19.33	20.5	18.62	19.5	17.74	18.5
			45540	3795	19.38	20.5	18.58	19.5	17.74	18.5
		49	44640	3705	19.25	20.5	18.50	19.5	17.60	18.5
			45090	3750	19.40	20.5	18.60	19.5	17.76	18.5
			45540	3795	19.40	20.5	18.63	19.5	17.78	18.5
	25	0	44640	3705	18.44	19.5	17.42	18.5	16.51	17.5
			45090	3750	18.62	19.5	17.54	18.5	16.70	17.5
			45540	3795	18.65	19.5	17.57	18.5	16.66	17.5
		12	44640	3705	18.44	19.5	17.41	18.5	16.53	17.5
			45090	3750	18.63	19.5	17.55	18.5	16.70	17.5
			45540	3795	18.61	19.5	17.58	18.5	16.71	17.5
		25	44640	3705	18.43	19.5	17.40	18.5	16.51	17.5
			45090	3750	18.59	19.5	17.54	18.5	16.66	17.5
			45540	3795	18.58	19.5	17.55	18.5	16.65	17.5
	50	0	44640	3705	18.47	19.5	17.40	18.5	16.47	17.5
			45090	3750	18.62	19.5	17.53	18.5	16.63	17.5
			45540	3795	18.59	19.5	17.55	18.5	16.66	17.5

BW (MHz)	RB Size	RB Offset	CH.	Freq. (MHz)	QPSK		16-QAM		64-QAM	
					Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)	Average Power (dBm)	Max. Tune-up Power (dBm)
5	1	0	44615	3702.5	19.27	20.5	18.69	19.5	17.56	18.5
			45090	3750	19.44	20.5	18.81	19.5	17.72	18.5
			45565	3797.5	19.43	20.5	18.84	19.5	17.70	18.5
		12	44615	3702.5	19.49	20.5	18.80	19.5	17.59	18.5
			45090	3750	19.67	20.5	18.70	19.5	17.72	18.5
			45565	3797.5	19.64	20.5	18.91	19.5	17.74	18.5
		24	44615	3702.5	19.30	20.5	18.70	19.5	17.54	18.5
			45090	3750	19.44	20.5	18.83	19.5	17.77	18.5
			45565	3797.5	19.45	20.5	18.79	19.5	17.73	18.5
	12	0	44615	3702.5	18.43	19.5	17.42	18.5	16.38	17.5
			45090	3750	18.60	19.5	17.57	18.5	16.69	17.5
			45565	3797.5	18.60	19.5	17.48	18.5	16.58	17.5
		6	44615	3702.5	18.43	19.5	17.41	18.5	16.38	17.5
			45090	3750	18.59	19.5	17.56	18.5	16.65	17.5
			45565	3797.5	18.56	19.5	17.51	18.5	16.50	17.5
		13	44615	3702.5	18.44	19.5	17.37	18.5	16.39	17.5
			45090	3750	18.56	19.5	17.53	18.5	16.67	17.5
			45565	3797.5	18.57	19.5	17.51	18.5	16.56	17.5
	25	0	44615	3702.5	18.43	19.5	17.48	18.5	16.53	17.5
			45090	3750	18.54	19.5	17.61	18.5	16.62	17.5
			45565	3797.5	18.54	19.5	17.64	18.5	16.64	17.5

■ NR n2 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)		
20	DFT-s OFDM	PI/2 BPSK	1	1	372000	1860	23.78	25.0		
					376000	1880	23.71	25.0		
					380000	1900	23.81	25.0		
				53	372000	1860	23.77	25.0		
						376000	1880	23.70	25.0	
						380000	1900	23.77	25.0	
					104	372000	1860	23.70	25.0	
						376000	1880	23.77	25.0	
						380000	1900	23.74	25.0	
			50	0	372000	1860	23.29	25.0		
					376000	1880	23.27	25.0		
					380000	1900	23.33	25.0		
				28	372000	1860	23.79	25.0		
						376000	1880	23.74	25.0	
						380000	1900	23.87	25.0	
					56	372000	1860	23.29	25.0	
						376000	1880	23.31	25.0	
						380000	1900	23.30	25.0	
				100	0	372000	1860	23.27	24.0	
						376000	1880	23.26	24.0	
						380000	1900	23.37	24.0	
			QPSK	1	1	372000	1860	23.59	25.0	
							1880	23.71	25.0	
							1900	23.75	25.0	
		53				372000	1860	23.74	25.0	
							1880	23.79	25.0	
							1900	23.83	25.0	
						104	372000	1860	23.69	25.0
							376000	1880	23.74	25.0
							380000	1900	23.76	25.0

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20	DFT-s OFDM		50	0	372000	1860	22.79	25.0
					376000	1880	22.83	25.0
					380000	1900	22.82	25.0
				28	372000	1860	23.83	25.0
					376000	1880	23.82	25.0
					380000	1900	23.86	25.0
				56	372000	1860	22.77	25.0
					376000	1880	22.87	25.0
					380000	1900	22.85	25.0
		100	0	372000	1860	22.84	24.0	
				376000	1880	22.84	24.0	
				380000	1900	22.87	24.0	
	16QAM	1	1	372000	1860	22.53	23.5	
				376000	1880	22.68	23.5	
				380000	1900	22.71	23.5	
	64QAM	1	1	372000	1860	21.26	22.0	
				376000	1880	21.41	22.0	
				380000	1900	21.44	22.0	
	256QAM	1	1	372000	1860	18.76	20.0	
				376000	1880	18.72	20.0	
				380000	1900	18.80	20.0	
CP-OFDM	QPSK	1	1	372000	1860	22.13	23.0	
				376000	1880	22.32	23.0	
				380000	1900	22.40	23.0	
15	DFT-s OFDM	PI/2 BPSK	1	1	371500	1857.5	23.83	25.0
					376000	1880	23.74	25.0
					380500	1902.5	23.79	25.0
10	DFT-s OFDM	PI/2 BPSK	1	1	371000	1855	23.83	25.0
					376000	1880	23.91	25.0
					381000	1905	23.90	25.0
5	DFT-s OFDM	PI/2 BPSK	1	1	370500	1852.5	23.83	25.0
					376000	1880	23.90	25.0
					381500	1907.5	23.89	25.0

■ NR n2 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	372000	1860	17.73	18.5	
					376000	1880	17.70	18.5	
					380000	1900	17.71	18.5	
				53	372000	1860	17.73	18.5	
						376000	1880	17.76	18.5
						380000	1900	17.77	18.5
					104	372000	1860	17.69	18.5
						376000	1880	17.73	18.5
						380000	1900	17.69	18.5
			50	0	372000	1860	17.29	18.5	
					376000	1880	17.27	18.5	
					380000	1900	17.31	18.5	
				28	372000	1860	17.72	18.5	
						376000	1880	17.76	18.5
						380000	1900	17.84	18.5
					56	372000	1860	17.20	18.5
						376000	1880	17.23	18.5
						380000	1900	17.26	18.5
		100	0	372000	1860	17.25	18.5		
				376000	1880	17.20	18.5		
				380000	1900	17.36	18.5		
		QPSK	1	1	372000	1860	17.82	18.5	
					376000	1880	17.76	18.5	
					380000	1900	17.73	18.5	
				53	372000	1860	17.82	18.5	
						376000	1880	17.74	18.5
						380000	1900	17.75	18.5
					104	372000	1860	17.69	18.5
						376000	1880	17.74	18.5
						380000	1900	17.69	18.5

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20	DFT-s OFDM		50	0	372000	1860	16.76	18.5
					376000	1880	16.73	18.5
					380000	1900	16.79	18.5
				28	372000	1860	17.77	18.5
					376000	1880	17.76	18.5
					380000	1900	17.78	18.5
				56	372000	1860	16.78	18.5
					376000	1880	16.80	18.5
					380000	1900	16.74	18.5
			100	0	372000	1860	16.78	18.5
					376000	1880	16.80	18.5
					380000	1900	16.75	18.5
	16QAM	1	1	372000	1860	16.61	17.5	
				376000	1880	16.73	17.5	
				380000	1900	16.78	17.5	
	64QAM	1	1	372000	1860	15.61	16.0	
				376000	1880	15.44	16.0	
				380000	1900	15.41	16.0	
	256QAM	1	1	372000	1860	12.84	14.0	
				376000	1880	12.82	14.0	
				380000	1900	12.70	14.0	
CP-OFDM	QPSK	1	1	372000	1860	16.24	17.0	
				376000	1880	16.25	17.0	
				380000	1900	16.25	17.0	
15	DFT-s OFDM	PI/2 BPSK	1	1	371500	1857.5	17.96	18.5
					376000	1880	17.81	18.5
					380500	1902.5	17.87	18.5
10	DFT-s OFDM	PI/2 BPSK	1	1	371000	1855	17.96	18.5
					376000	1880	17.90	18.5
					381000	1905	17.96	18.5
5	DFT-s OFDM	PI/2 BPSK	1	1	370500	1852.5	17.97	18.5
					376000	1880	17.91	18.5
					381500	1907.5	17.97	18.5

■ NR n5

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
20	DFT-s OFDM	PI/2 BPSK	1	1	166800	834	23.49	24.0
					167300	836.5	23.47	24.0
					167800	839	23.47	24.0
				53	166800	834	23.45	24.0
					167300	836.5	23.44	24.0
					167800	839	23.42	24.0
				104	166800	834	23.28	24.0
					167300	836.5	23.30	24.0
					167800	839	23.25	24.0
			50	0	166800	834	23.02	24.0
					167300	836.5	22.97	24.0
					167800	839	23.00	24.0
				28	166800	834	23.48	24.0
					167300	836.5	23.42	24.0
					167800	839	23.45	24.0
				56	166800	834	22.92	24.0
					167300	836.5	22.96	24.0
					167800	839	22.90	24.0
		100	0	166800	834	23.04	23.5	
				167300	836.5	23.04	23.5	
				167800	839	22.96	23.5	
		QPSK	1	1	166800	834	23.52	24.0
					167300	836.5	23.46	24.0
					167800	839	23.48	24.0
				53	166800	834	23.49	24.0
					167300	836.5	23.45	24.0
					167800	839	23.42	24.0
				104	166800	834	23.33	24.0
					167300	836.5	23.30	24.0
					167800	839	23.25	24.0

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20	DFT-s OFDM		50	0	166800	834	22.50	24.0
					167300	836.5	22.48	24.0
					167800	839	22.52	24.0
				28	166800	834	23.46	24.0
					167300	836.5	23.41	24.0
					167800	839	23.46	24.0
				56	166800	834	22.30	24.0
					167300	836.5	22.36	24.0
					167800	839	22.31	24.0
		100	0	166800	834	22.44	23.5	
				167300	836.5	22.45	23.5	
				167800	839	22.46	23.5	
		16QAM	1	1	166800	834	22.46	23.0
					167300	836.5	22.42	23.0
					167800	839	22.44	23.0
	64QAM	1	1	166800	834	21.11	21.5	
				167300	836.5	21.09	21.5	
				167800	839	21.13	21.5	
	256QAM	1	1	166800	834	18.46	19.5	
				167300	836.5	18.42	19.5	
				167800	839	18.52	19.5	
CP-OFDM	QPSK	1	1	166800	834	22.02	22.5	
				167300	836.5	21.96	22.5	
				167800	839	22.00	22.5	
15	DFT-s OFDM	PI/2 BPSK	1	1	166300	831.5	23.60	24.0
					167300	836.5	23.48	24.0
					168300	841.5	23.51	24.0
10	DFT-s OFDM	PI/2 BPSK	1	1	165800	829	23.51	24.0
					167300	836.5	23.54	24.0
					168800	844	23.43	24.0
5	DFT-s OFDM	PI/2 BPSK	1	1	165300	826.5	23.59	24.0
					167300	836.5	23.57	24.0
					169300	846.5	23.47	24.0

■ NR n7 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	502000	2510	23.59	25.0	
					507000	2535	23.84	25.0	
					512000	2560	23.94	25.0	
				53	502000	2510	23.66	25.0	
						507000	2535	23.90	25.0
						512000	2560	23.96	25.0
					104	502000	2510	23.72	25.0
						507000	2535	24.02	25.0
						512000	2560	24.03	25.0
			50	0	502000	2510	23.19	25.0	
					507000	2535	23.41	25.0	
					512000	2560	23.43	25.0	
				28	502000	2510	23.65	25.0	
						507000	2535	23.95	25.0
						512000	2560	23.99	25.0
					56	502000	2510	23.23	25.0
						507000	2535	23.47	25.0
						512000	2560	23.52	25.0
		100	0	502000	2510	23.16	24.0		
				507000	2535	23.54	24.0		
				512000	2560	23.50	24.0		
		QPSK	1	1	502000	2510	23.58	25.0	
					507000	2535	23.86	25.0	
					512000	2560	23.91	25.0	
				53	502000	2510	23.67	25.0	
						507000	2535	23.93	25.0
						512000	2560	23.97	25.0
					104	502000	2510	23.76	25.0
						507000	2535	23.97	25.0
						512000	2560	23.93	25.0

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20	DFT-s OFDM		50	0	502000	2510	22.69	25.0
					507000	2535	22.92	25.0
					512000	2560	22.96	25.0
				28	502000	2510	23.70	25.0
					507000	2535	23.95	25.0
					512000	2560	24.03	25.0
				56	502000	2510	22.79	25.0
					507000	2535	22.97	25.0
					512000	2560	23.01	25.0
			100	0	502000	2510	22.72	24.0
					507000	2535	22.98	24.0
					512000	2560	23.00	24.0
	16QAM	1	1	502000	2510	22.65	24.0	
				507000	2535	22.77	24.0	
				512000	2560	22.88	24.0	
	64QAM	1	1	502000	2510	21.24	22.5	
				507000	2535	21.56	22.5	
				512000	2560	21.65	22.5	
	256QAM	1	1	502000	2510	18.63	20.5	
				507000	2535	18.86	20.5	
				512000	2560	18.86	20.5	
CP-OFDM	QPSK	1	1	502000	2510	22.06	23.5	
				507000	2535	22.32	23.5	
				512000	2560	22.35	23.5	
15	DFT-s OFDM	PI/2 BPSK	1	1	501500	2507.5	23.62	25.0
					507000	2535	23.81	25.0
					512500	2562.5	23.91	25.0
10	DFT-s OFDM	PI/2 BPSK	1	1	501000	2505	23.83	25.0
					507000	2535	23.83	25.0
					513000	2565	24.04	25.0
5	DFT-s OFDM	PI/2 BPSK	1	1	500500	2502.5	23.76	25.0
					507000	2535	23.95	25.0
					513500	2567.5	24.03	25.0

■ NR n7 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)		
20	DFT-s OFDM	PI/2 BPSK	1	1	502000	2510	21.58	22.5		
					507000	2535	21.80	22.5		
					512000	2560	21.91	22.5		
				53	502000	2510	21.67	22.5		
						507000	2535	21.92	22.5	
						512000	2560	21.96	22.5	
					104	502000	2510	21.76	22.5	
						507000	2535	21.85	22.5	
						512000	2560	22.00	22.5	
			50	0	502000	2510	21.16	22.5		
					507000	2535	21.49	22.5		
					512000	2560	21.45	22.5		
				28	502000	2510	21.49	22.5		
						507000	2535	21.68	22.5	
						512000	2560	22.00	22.5	
					56	502000	2510	21.18	22.5	
							507000	2535	21.46	22.5
							512000	2560	21.48	22.5
				100		0	502000	2510	21.21	22.0
							507000	2535	21.53	22.0
							512000	2560	21.47	22.0
				QPSK	1	1	502000	2510	21.60	22.5
							507000	2535	21.81	22.5
							512000	2560	21.92	22.5
		53	502000			2510	21.63	22.5		
						507000	2535	21.93	22.5	
						512000	2560	21.90	22.5	
			104			502000	2510	21.74	22.5	
						507000	2535	21.86	22.5	
						512000	2560	22.02	22.5	

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20	DFT-s OFDM		50	0	502000	2510	20.64	22.5
					507000	2535	20.92	22.5
					512000	2560	21.00	22.5
				28	502000	2510	21.69	22.5
					507000	2535	21.92	22.5
					512000	2560	21.98	22.5
				56	502000	2510	20.73	22.5
					507000	2535	21.01	22.5
					512000	2560	21.01	22.5
			100	0	502000	2510	20.72	22.0
					507000	2535	21.00	22.0
					512000	2560	20.99	22.0
	16QAM	1	1	502000	2510	20.51	21.5	
				507000	2535	20.79	21.5	
				512000	2560	20.79	21.5	
	64QAM	1	1	502000	2510	19.29	20.0	
				507000	2535	19.56	20.0	
				512000	2560	19.63	20.0	
	256QAM	1	1	502000	2510	16.62	18.0	
				507000	2535	16.89	18.0	
				512000	2560	16.94	18.0	
CP-OFDM	QPSK	1	1	502000	2510	20.10	21.0	
				507000	2535	20.36	21.0	
				512000	2560	20.40	21.0	
15	DFT-s OFDM	PI/2 BPSK	1	1	501500	2507.5	21.61	22.5
					507000	2535	21.85	22.5
					512500	2562.5	21.93	22.5
10	DFT-s OFDM	PI/2 BPSK	1	1	501000	2505	21.67	22.5
					507000	2535	21.91	22.5
					513000	2565	21.94	22.5
5	DFT-s OFDM	PI/2 BPSK	1	1	500500	2502.5	21.69	22.5
					507000	2535	21.90	22.5
					513500	2567.5	22.05	22.5

■ NR n25 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	372000	1860	23.68	25.0	
					376500	1882.5	23.71	25.0	
					381000	1905	23.73	25.0	
				53	372000	1860	23.67	25.0	
						376500	1882.5	23.68	25.0
						381000	1905	23.72	25.0
					104	372000	1860	23.61	25.0
						376500	1882.5	23.68	25.0
						381000	1905	23.62	25.0
			50	0	372000	1860	23.28	25.0	
					376500	1882.5	23.24	25.0	
					381000	1905	23.27	25.0	
				28	372000	1860	23.81	25.0	
						376500	1882.5	23.74	25.0
						381000	1905	23.73	25.0
				56	372000	1860	23.22	25.0	
						376500	1882.5	23.20	25.0
						381000	1905	23.19	25.0
			100	0	372000	1860	23.31	24.0	
					376500	1882.5	23.30	24.0	
					381000	1905	23.27	24.0	
			QPSK	1	1	372000	1860	23.72	25.0
						376500	1882.5	23.68	25.0
						381000	1905	23.76	25.0
		53			372000	1860	23.67	25.0	
						376500	1882.5	23.71	25.0
						381000	1905	23.70	25.0
		104			372000	1860	23.69	25.0	
						376500	1882.5	23.63	25.0
						381000	1905	23.65	25.0

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20	DFT-s OFDM		50	0	372000	1860	22.72	25.0
					376500	1882.5	22.76	25.0
					381000	1905	22.76	25.0
				28	372000	1860	23.77	25.0
					376500	1882.5	23.81	25.0
					381000	1905	23.73	25.0
				56	372000	1860	22.70	25.0
					376500	1882.5	22.80	25.0
					381000	1905	22.78	25.0
		100	0	372000	1860	22.80	24.0	
				376500	1882.5	22.74	24.0	
				381000	1905	22.77	24.0	
	16QAM	1	1	372000	1860	22.67	23.5	
				376500	1882.5	22.56	23.5	
				381000	1905	22.65	23.5	
	64QAM	1	1	372000	1860	21.40	22.0	
				376500	1882.5	21.29	22.0	
				381000	1905	21.38	22.0	
	256QAM	1	1	372000	1860	18.73	20.0	
				376500	1882.5	18.73	20.0	
				381000	1905	18.73	20.0	
CP-OFDM	QPSK	1	1	372000	1860	22.18	23.0	
				376500	1882.5	22.21	23.0	
				381000	1905	22.21	23.0	
15	DFT-s OFDM	PI/2 BPSK	1	1	371500	1857.5	23.77	25.0
					376500	1882.5	23.76	25.0
					381500	1907.5	23.64	25.0
10	DFT-s OFDM	PI/2 BPSK	1	1	371000	1855	23.86	25.0
					376500	1882.5	23.76	25.0
					382000	1910	23.79	25.0
5	DFT-s OFDM	PI/2 BPSK	1	1	370500	1852.5	23.94	25.0
					376500	1882.5	23.81	25.0
					382500	1912.5	23.88	25.0

■ NR n25 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	372000	1860	17.83	18.5	
					376500	1882.5	17.86	18.5	
					381000	1905	17.90	18.5	
				53	372000	1860	17.87	18.5	
						376500	1882.5	17.83	18.5
						381000	1905	17.82	18.5
					104	372000	1860	17.81	18.5
						376500	1882.5	17.85	18.5
						381000	1905	17.76	18.5
			50	0	372000	1860	17.40	18.5	
					376500	1882.5	17.36	18.5	
					381000	1905	17.42	18.5	
				28	372000	1860	17.94	18.5	
						376500	1882.5	17.83	18.5
						381000	1905	17.85	18.5
				56	372000	1860	17.33	18.5	
						376500	1882.5	17.35	18.5
						381000	1905	17.35	18.5
		100	0	372000	1860	17.43	18.5		
				376500	1882.5	17.42	18.5		
				381000	1905	17.33	18.5		
		QPSK	1	1	372000	1860	17.90	18.5	
					376500	1882.5	17.84	18.5	
					381000	1905	17.85	18.5	
				53	372000	1860	17.85	18.5	
						376500	1882.5	17.89	18.5
						381000	1905	17.90	18.5
			104	372000	1860	17.78	18.5		
					376500	1882.5	17.80	18.5	
					381000	1905	17.75	18.5	

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20	DFT-s OFDM		50	0	372000	1860	16.88	18.5
					376500	1882.5	16.92	18.5
					381000	1905	16.92	18.5
				28	372000	1860	17.93	18.5
					376500	1882.5	17.83	18.5
					381000	1905	17.88	18.5
				56	372000	1860	16.92	18.5
					376500	1882.5	16.90	18.5
					381000	1905	16.90	18.5
		100	0	372000	1860	16.91	18.5	
				376500	1882.5	16.90	18.5	
				381000	1905	16.88	18.5	
	16QAM	1	1	372000	1860	16.95	17.5	
				376500	1882.5	16.88	17.5	
				381000	1905	16.96	17.5	
	64QAM	1	1	372000	1860	15.55	16.0	
				376500	1882.5	15.57	16.0	
				381000	1905	15.57	16.0	
	256QAM	1	1	372000	1860	12.96	14.0	
				376500	1882.5	12.94	14.0	
				381000	1905	12.96	14.0	
CP-OFDM	QPSK	1	1	372000	1860	16.35	17.0	
				376500	1882.5	16.31	17.0	
				381000	1905	16.42	17.0	
15	DFT-s OFDM	PI/2 BPSK	1	1	371500	1857.5	17.95	18.5
					376500	1882.5	17.82	18.5
					381500	1907.5	17.87	18.5
10	DFT-s OFDM	PI/2 BPSK	1	1	371000	1855	17.95	18.5
					376500	1882.5	17.93	18.5
					382000	1910	17.87	18.5
5	DFT-s OFDM	PI/2 BPSK	1	1	370500	1852.5	17.92	18.5
					376500	1882.5	17.97	18.5
					382500	1912.5	17.96	18.5

■ NR n26

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	164800	824	23.60	24.0	
					166300	831.5	23.55	24.0	
					167800	839	23.47	24.0	
				53	164800	824	23.60	24.0	
					166300	831.5	23.45	24.0	
					167800	839	23.30	24.0	
					104	164800	824	23.38	24.0
						166300	831.5	23.25	24.0
						167800	839	23.26	24.0
			50	0	164800	824	23.10	24.0	
					166300	831.5	23.04	24.0	
					167800	839	22.94	24.0	
				28	164800	824	23.63	24.0	
					166300	831.5	23.51	24.0	
					167800	839	23.35	24.0	
				56	164800	824	23.05	24.0	
					166300	831.5	22.92	24.0	
					167800	839	22.94	24.0	
			100	0	164800	824	23.02	23.5	
					166300	831.5	23.00	23.5	
					167800	839	22.94	23.5	
			QPSK	1	1	164800	824	23.55	24.0
						166300	831.5	23.51	24.0
						167800	839	23.50	24.0
		53			164800	824	23.45	24.0	
					166300	831.5	23.46	24.0	
					167800	839	23.30	24.0	
		104			164800	824	23.47	24.0	
					166300	831.5	23.25	24.0	
					167800	839	23.27	24.0	

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20	DFT-s OFDM		50	0	164800	824	22.47	24.0
					166300	831.5	22.45	24.0
					167800	839	22.40	24.0
				28	164800	824	23.50	24.0
					166300	831.5	23.42	24.0
					167800	839	23.31	24.0
				56	164800	824	22.48	24.0
					166300	831.5	22.33	24.0
					167800	839	22.21	24.0
		100	0	164800	824	22.52	23.5	
				166300	831.5	22.52	23.5	
				167800	839	22.43	23.5	
	16QAM	1	1	164800	824	22.50	23.0	
				166300	831.5	22.52	23.0	
				167800	839	22.43	23.0	
	64QAM	1	1	164800	824	21.13	21.5	
				166300	831.5	21.09	21.5	
				167800	839	21.09	21.5	
	256QAM	1	1	164800	824	18.56	19.5	
				166300	831.5	18.50	19.5	
				167800	839	18.52	19.5	
CP-OFDM	QPSK	1	1	164800	824	22.07	22.5	
				166300	831.5	22.03	22.5	
				167800	839	22.07	22.5	
15	DFT-s OFDM	PI/2 BPSK	1	1	164300	821.5	23.53	24.0
					166300	831.5	23.52	24.0
					168300	841.5	23.42	24.0
10	DFT-s OFDM	PI/2 BPSK	1	1	163800	819	23.62	24.0
					166300	831.5	23.56	24.0
					168800	844	23.47	24.0
5	DFT-s OFDM	PI/2 BPSK	1	1	163300	816.5	23.67	24.0
					166300	831.5	23.53	24.0
					169300	846.5	23.51	24.0

■ NR n38 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)		
40	DFT-s OFDM	PI/2 BPSK	1	1	518000	2590	23.74	24.0		
					519000	2595	23.71	24.0		
					520000	2600	23.62	24.0		
				53	518000	2590	23.66	24.0		
						519000	2595	23.62	24.0	
						520000	2600	23.69	24.0	
					104	518000	2590	23.72	24.0	
						519000	2595	23.69	24.0	
						520000	2600	23.64	24.0	
			50	0	518000	2590	23.15	24.0		
					519000	2595	23.19	24.0		
					520000	2600	23.12	24.0		
				28	518000	2590	23.68	24.0		
						519000	2595	23.74	24.0	
						520000	2600	23.66	24.0	
					56	518000	2590	23.31	24.0	
						519000	2595	23.31	24.0	
						520000	2600	23.17	24.0	
				100	0	518000	2590	23.19	23.5	
						519000	2595	23.25	23.5	
						520000	2600	23.18	23.5	
			QPSK	1	1	518000	2590	23.63	24.0	
							519000	2595	23.68	24.0
							520000	2600	23.56	24.0
		53				518000	2590	23.58	24.0	
							519000	2595	23.61	24.0
							520000	2600	23.60	24.0
						104	518000	2590	23.66	24.0
							519000	2595	23.64	24.0
							520000	2600	23.58	24.0

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40	DFT-s OFDM		50	0	518000	2590	22.67	24.0
					519000	2595	22.66	24.0
					520000	2600	22.67	24.0
				28	518000	2590	23.67	24.0
					519000	2595	23.72	24.0
					520000	2600	23.67	24.0
				56	518000	2590	22.77	24.0
					519000	2595	22.76	24.0
					520000	2600	22.61	24.0
			100	0	518000	2590	22.73	23.5
					519000	2595	22.70	23.5
					520000	2600	22.67	23.5
	16QAM	1	1	518000	2590	22.67	23.0	
				519000	2595	22.69	23.0	
				520000	2600	22.57	23.0	
		64QAM	1	1	518000	2590	21.14	21.5
					519000	2595	21.21	21.5
					520000	2600	21.08	21.5
	256QAM	1	1	518000	2590	19.22	19.5	
				519000	2595	19.19	19.5	
				520000	2600	19.10	19.5	
CP-OFDM	QPSK	1	1	518000	2590	22.18	22.5	
				519000	2595	22.19	22.5	
				520000	2600	22.09	22.5	
30	DFT-s OFDM	PI/2 BPSK	1	1	517000	2585	23.75	24.0
					519000	2595	23.62	24.0
					521000	2605	23.68	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	516000	2580	23.58	24.0
					519000	2595	23.56	24.0
					522000	2610	23.56	24.0

■ NR n38 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
40	DFT-s OFDM	PI/2 BPSK	1	1	518000	2590	20.71	21.0	
					519000	2595	20.70	21.0	
					520000	2600	20.60	21.0	
				53	518000	2590	20.53	21.0	
						519000	2595	20.51	21.0
						520000	2600	20.49	21.0
					104	518000	2590	20.69	21.0
						519000	2595	20.63	21.0
						520000	2600	20.55	21.0
			50	0	518000	2590	20.04	21.0	
					519000	2595	20.09	21.0	
					520000	2600	20.03	21.0	
				28	518000	2590	20.57	21.0	
						519000	2595	20.59	21.0
						520000	2600	20.54	21.0
					56	518000	2590	20.16	21.0
						519000	2595	20.15	21.0
						520000	2600	20.08	21.0
				100	0	518000	2590	20.06	20.5
						519000	2595	20.07	20.5
						520000	2600	20.04	20.5
			QPSK	1	1	518000	2590	20.57	21.0
						519000	2595	20.54	21.0
						520000	2600	20.46	21.0
		53			518000	2590	20.51	21.0	
						519000	2595	20.48	21.0
						520000	2600	20.48	21.0
					104	518000	2590	20.62	21.0
						519000	2595	20.61	21.0
						520000	2600	20.53	21.0

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40	DFT-s OFDM		50	0	518000	2590	19.62	21.0
					519000	2595	19.58	21.0
					520000	2600	19.51	21.0
				28	518000	2590	20.54	21.0
					519000	2595	20.51	21.0
					520000	2600	20.55	21.0
				56	518000	2590	19.67	21.0
					519000	2595	19.63	21.0
					520000	2600	19.63	21.0
			100	0	518000	2590	19.57	20.5
					519000	2595	19.56	20.5
					520000	2600	19.62	20.5
	16QAM	1	1	518000	2590	19.59	20.0	
				519000	2595	19.61	20.0	
				520000	2600	19.48	20.0	
	64QAM	1	1	518000	2590	18.03	18.5	
				519000	2595	18.08	18.5	
				520000	2600	17.97	18.5	
	256QAM	1	1	518000	2590	16.17	16.5	
				519000	2595	16.15	16.5	
				520000	2600	16.11	16.5	
CP-OFDM	QPSK	1	1	518000	2590	19.08	19.5	
				519000	2595	19.08	19.5	
				520000	2600	18.96	19.5	
30	DFT-s OFDM	PI/2 BPSK	1	1	517000	2585	20.67	21.0
					519000	2595	20.58	21.0
					521000	2605	20.57	21.0
20	DFT-s OFDM	PI/2 BPSK	1	1	516000	2580	20.50	21.0
					519000	2595	20.42	21.0
					522000	2610	20.34	21.0

■ NR n41 PC3 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	509202	2546.01	24.49	25.0
					513900	2569.5	24.29	25.0
					518598	2592.99	24.27	25.0
					523302	2616.51	24.04	25.0
					528000	2640	23.85	25.0
				137	509202	2546.01	24.25	25.0
					513900	2569.5	24.01	25.0
					518598	2592.99	23.96	25.0
					523302	2616.51	23.89	25.0
					528000	2640	23.75	25.0
				271	509202	2546.01	24.04	25.0
					513900	2569.5	24.07	25.0
					518598	2592.99	24.04	25.0
					523302	2616.51	24.09	25.0
					528000	2640	24.11	25.0
			135	0	509202	2546.01	24.34	25.0
					513900	2569.5	24.23	25.0
					518598	2592.99	24.16	25.0
					523302	2616.51	23.94	25.0
					528000	2640	23.90	25.0
				69	509202	2546.01	24.37	25.0
					513900	2569.5	24.00	25.0
					518598	2592.99	24.06	25.0
					523302	2616.51	23.99	25.0
					528000	2640	23.87	25.0
138	509202	2546.01	24.16	25.0				
	513900	2569.5	24.02	25.0				
	518598	2592.99	24.06	25.0				
	523302	2616.51	23.98	25.0				
	528000	2640	24.03	25.0				

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100	DFT-s OFDM	QPSK	270	0	509202	2546.01	24.25	25.0
					513900	2569.5	24.13	25.0
					518598	2592.99	24.01	25.0
					523302	2616.51	23.97	25.0
					528000	2640	23.96	25.0
			1	1	509202	2546.01	24.08	25.0
					513900	2569.5	24.23	25.0
					518598	2592.99	24.23	25.0
					523302	2616.51	23.88	25.0
					528000	2640	23.82	25.0
		137		509202	2546.01	24.23	25.0	
				513900	2569.5	23.93	25.0	
				518598	2592.99	23.94	25.0	
				523302	2616.51	23.85	25.0	
				528000	2640	23.72	25.0	
		271	509202	2546.01	24.06	25.0		
			513900	2569.5	24.02	25.0		
			518598	2592.99	23.99	25.0		
			523302	2616.51	24.04	25.0		
			528000	2640	24.02	25.0		
		135	0	509202	2546.01	24.20	25.0	
				513900	2569.5	24.19	25.0	
				518598	2592.99	24.07	25.0	
				523302	2616.51	23.97	25.0	
				528000	2640	23.89	25.0	
			69	509202	2546.01	24.27	25.0	
				513900	2569.5	24.08	25.0	
				518598	2592.99	24.04	25.0	
523302	2616.51			24.00	25.0			
528000	2640			23.96	25.0			
138	509202		2546.01	24.16	25.0			
	513900		2569.5	24.03	25.0			
	518598		2592.99	24.06	25.0			
	523302	2616.51	24.00	25.0				
	528000	2640	23.71	25.0				

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100	DFT-s OFDM	270	0	509202	2546.01	24.28	25.0	
				513900	2569.5	24.09	25.0	
				518598	2592.99	24.04	25.0	
				523302	2616.51	23.93	25.0	
				528000	2640	23.96	25.0	
		16QAM	1	1	509202	2546.01	23.15	24.5
					513900	2569.5	24.33	24.5
					518598	2592.99	24.35	24.5
					523302	2616.51	24.05	24.5
					528000	2640	23.90	24.5
	64QAM	1	1	509202	2546.01	21.52	23.5	
				513900	2569.5	22.75	23.5	
				518598	2592.99	23.25	23.5	
				523302	2616.51	22.95	23.5	
				528000	2640	22.83	23.5	
	256QAM	1	1	509202	2546.01	20.07	21.5	
				513900	2569.5	21.19	21.5	
				518598	2592.99	21.25	21.5	
				523302	2616.51	20.88	21.5	
				528000	2640	20.81	21.0	
CP-OFDM	QPSK	1	1	509202	2546.01	22.54	24.5	
				513900	2569.5	23.69	24.5	
				518598	2592.99	24.17	24.5	
				523302	2616.51	23.94	24.5	
				528000	2640	23.83	24.5	
90	DFT-s OFDM	PI/2 BPSK	1	1	508200	2541	24.52	25.0
					513402	2567.01	24.29	25.0
					518598	2592.99	24.23	25.0
					523800	2619	23.83	25.0
					528996	2644.98	23.81	25.0
80	DFT-s OFDM	PI/2 BPSK	1	1	507204	2536.02	24.47	25.0
					512898	2564.49	24.25	25.0
					518598	2592.99	24.15	25.0
					524298	2621.49	23.89	25.0
					529998	2649.99	23.82	25.0

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60	DFT-s OFDM	PI/2 BPSK	1	1	505200	2526	24.48	25.0
					511902	2559.51	24.36	25.0
					518598	2592.99	24.11	25.0
					525300	2626.5	24.03	25.0
					531996	2659.98	23.86	25.0
50	DFT-s OFDM	PI/2 BPSK	1	1	504204	2521.02	24.56	25.0
					511398	2556.99	24.38	25.0
					518598	2592.99	24.09	25.0
					525798	2628.99	24.01	25.0
					532998	2664.99	23.81	25.0
40	DFT-s OFDM	PI/2 BPSK	1	1	503202	2516.01	24.59	25.0
					510900	2554.5	24.38	25.0
					518598	2592.99	24.15	25.0
					526302	2631.51	24.05	25.0
					534000	2670	23.87	25.0
30	DFT-s OFDM	PI/2 BPSK	1	1	502200	2511	24.61	25.0
					510402	2552.01	24.42	25.0
					518598	2592.99	24.15	25.0
					526800	2634	24.04	25.0
					534996	2674.98	23.99	25.0
20	DFT-s OFDM	PI/2 BPSK	1	1	501204	2506.02	24.80	25.0
					509898	2549.49	24.72	25.0
					518598	2592.99	24.58	25.0
					527298	2636.49	24.44	25.0
					535998	2679.99	24.52	25.0

■ NR n41 PC3 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	509202	2546.01	20.36	21.0
					513900	2569.5	20.35	21.0
					518598	2592.99	20.28	21.0
					523302	2616.51	19.93	21.0
					528000	2640	20.22	21.0
				137	509202	2546.01	20.06	21.0
					513900	2569.5	19.85	21.0
					518598	2592.99	19.86	21.0
					523302	2616.51	19.87	21.0
					528000	2640	19.62	21.0
				271	509202	2546.01	19.96	21.0
					513900	2569.5	19.94	21.0
					518598	2592.99	19.90	21.0
					523302	2616.51	20.01	21.0
					528000	2640	19.98	21.0
			135	0	509202	2546.01	19.69	21.0
					513900	2569.5	19.61	21.0
					518598	2592.99	19.52	21.0
					523302	2616.51	19.40	21.0
					528000	2640	19.36	21.0
				69	509202	2546.01	20.12	21.0
					513900	2569.5	20.02	21.0
					518598	2592.99	20.10	21.0
					523302	2616.51	19.89	21.0
					528000	2640	20.16	21.0
138	509202	2546.01	19.42	21.0				
	513900	2569.5	19.40	21.0				
	518598	2592.99	19.48	21.0				
	523302	2616.51	19.28	21.0				
	528000	2640	19.33	21.0				

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100	DFT-s OFDM	QPSK	270	0	509202	2546.01	19.53	20.5
					513900	2569.5	19.50	20.5
					518598	2592.99	19.52	20.5
					523302	2616.51	19.43	20.5
					528000	2640	19.39	20.5
			1	1	509202	2546.01	20.35	21.0
					513900	2569.5	20.19	21.0
					518598	2592.99	20.12	21.0
					523302	2616.51	19.89	21.0
					528000	2640	19.82	21.0
		137		509202	2546.01	20.06	21.0	
				513900	2569.5	19.89	21.0	
				518598	2592.99	19.92	21.0	
				523302	2616.51	19.9	21.0	
				528000	2640	19.65	21.0	
		271	509202	2546.01	19.93	21.0		
			513900	2569.5	19.91	21.0		
			518598	2592.99	19.93	21.0		
			523302	2616.51	19.99	21.0		
			528000	2640	19.96	21.0		
		135	0	509202	2546.01	19.26	21.0	
				513900	2569.5	19.08	21.0	
				518598	2592.99	19.01	21.0	
				523302	2616.51	18.91	21.0	
				528000	2640	18.85	21.0	
			69	509202	2546.01	20.15	21.0	
				513900	2569.5	19.96	21.0	
				518598	2592.99	20.02	21.0	
				523302	2616.51	19.94	21.0	
				528000	2640	19.8	21.0	
138	509202		2546.01	18.97	21.0			
	513900		2569.5	18.97	21.0			
	518598		2592.99	18.96	21.0			
	523302		2616.51	18.8	21.0			
	528000		2640	18.85	21.0			

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100	DFT-s OFDM	270	0	509202	2546.01	19.07	20.5	
				513900	2569.5	18.99	20.5	
				518598	2592.99	18.99	20.5	
				523302	2616.51	18.95	20.5	
				528000	2640	18.81	20.5	
		16QAM	1	1	509202	2546.01	19.42	20.0
					513900	2569.5	19.17	20.0
					518598	2592.99	19.11	20.0
					523302	2616.51	18.94	20.0
					528000	2640	18.86	20.0
	64QAM	1	1	509202	2546.01	17.86	18.5	
				513900	2569.5	17.61	18.5	
				518598	2592.99	17.57	18.5	
				523302	2616.51	17.36	18.5	
				528000	2640	17.30	18.5	
	256QAM	1	1	509202	2546.01	15.63	16.5	
				513900	2569.5	15.51	16.5	
				518598	2592.99	15.52	16.5	
				523302	2616.51	15.30	16.5	
				528000	2640	15.25	16.5	
CP-OFDM	QPSK	1	1	509202	2546.01	18.85	19.5	
				513900	2569.5	18.65	19.5	
				518598	2592.99	18.65	19.5	
				523302	2616.51	18.42	19.5	
				528000	2640	18.31	19.5	
90	DFT-s OFDM	PI/2 BPSK	1	1	508200	2541	20.36	21.0
					513402	2567.01	20.19	21.0
					518598	2592.99	20.09	21.0
					523800	2619	19.88	21.0
					528996	2644.98	19.80	21.0
80	DFT-s OFDM	PI/2 BPSK	1	1	507204	2536.02	20.37	21.0
					512898	2564.49	20.11	21.0
					518598	2592.99	20.05	21.0
					524298	2621.49	19.80	21.0
					529998	2649.99	19.77	21.0

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60	DFT-s OFDM	PI/2 BPSK	1	1	505200	2526	20.45	21.0
					511902	2559.51	20.34	21.0
					518598	2592.99	20.14	21.0
					525300	2626.5	19.99	21.0
					531996	2659.98	19.91	21.0
50	DFT-s OFDM	PI/2 BPSK	1	1	504204	2521.02	20.47	21.0
					511398	2556.99	20.38	21.0
					518598	2592.99	20.08	21.0
					525798	2628.99	20.00	21.0
					532998	2664.99	19.69	21.0
40	DFT-s OFDM	PI/2 BPSK	1	1	503202	2516.01	20.59	21.0
					510900	2554.5	20.37	21.0
					518598	2592.99	20.17	21.0
					526302	2631.51	20.09	21.0
					534000	2670	19.94	21.0
30	DFT-s OFDM	PI/2 BPSK	1	1	502200	2511	20.60	21.0
					510402	2552.01	20.42	21.0
					518598	2592.99	20.21	21.0
					526800	2634	19.93	21.0
					534996	2674.98	19.96	21.0
20	DFT-s OFDM	PI/2 BPSK	1	1	501204	2506.02	20.83	21.0
					509898	2549.49	20.82	21.0
					518598	2592.99	20.60	21.0
					527298	2636.49	20.46	21.0
					535998	2679.99	20.50	21.0

■ NR n41 PC2 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	509202	2546.01	25.92	27.0
					513900	2569.5	25.82	27.0
					518598	2592.99	25.82	27.0
					523302	2616.51	25.59	27.0
					528000	2640	25.48	27.0
				137	509202	2546.01	25.78	27.0
					513900	2569.5	25.55	27.0
					518598	2592.99	25.52	27.0
					523302	2616.51	25.48	27.0
					528000	2640	25.39	27.0
				271	509202	2546.01	25.65	27.0
					513900	2569.5	25.63	27.0
					518598	2592.99	25.64	27.0
					523302	2616.51	25.61	27.0
					528000	2640	25.61	27.0
			135	0	509202	2546.01	25.46	26.0
					513900	2569.5	25.26	26.0
					518598	2592.99	25.21	26.0
					523302	2616.51	25.07	26.0
					528000	2640	24.96	26.0
				69	509202	2546.01	25.86	26.0
					513900	2569.5	25.59	26.0
					518598	2592.99	25.63	26.0
					523302	2616.51	25.56	26.0
					528000	2640	25.49	26.0
138	509202	2546.01	25.22	26.0				
	513900	2569.5	25.10	26.0				
	518598	2592.99	25.15	26.0				
	523302	2616.51	25.07	26.0				
	528000	2640	25.12	26.0				

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100	DFT-s OFDM	QPSK	270	0	509202	2546.01	25.37	26.0
					513900	2569.5	25.12	26.0
					518598	2592.99	25.15	26.0
					523302	2616.51	25.04	26.0
					528000	2640	25.02	26.0
			1	1	509202	2546.01	24.20	27.0
					513900	2569.5	25.28	27.0
					518598	2592.99	25.71	27.0
					523302	2616.51	25.49	27.0
					528000	2640	25.37	27.0
		137		509202	2546.01	25.67	27.0	
				513900	2569.5	25.52	27.0	
				518598	2592.99	25.54	27.0	
				523302	2616.51	25.47	27.0	
				528000	2640	25.06	27.0	
		271	509202	2546.01	25.57	27.0		
			513900	2569.5	25.63	27.0		
			518598	2592.99	25.34	27.0		
			523302	2616.51	24.68	27.0		
			528000	2640	24.57	27.0		
		135	0	509202	2546.01	24.31	26.0	
				513900	2569.5	24.62	26.0	
				518598	2592.99	24.68	26.0	
				523302	2616.51	24.54	26.0	
				528000	2640	24.53	26.0	
			69	509202	2546.01	25.67	26.0	
				513900	2569.5	25.60	26.0	
				518598	2592.99	25.62	26.0	
				523302	2616.51	25.57	26.0	
				528000	2640	25.16	26.0	
138	509202		2546.01	24.78	26.0			
	513900		2569.5	24.58	26.0			
	518598		2592.99	24.64	26.0			
	523302		2616.51	24.27	26.0			
	528000		2640	23.86	26.0			

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100	DFT-s OFDM	270	0	509202	2546.01	24.61	26.0	
				513900	2569.5	24.63	26.0	
				518598	2592.99	24.63	26.0	
				523302	2616.51	24.49	26.0	
				528000	2640	24.30	26.0	
		16QAM	1	1	509202	2546.01	23.28	25.5
					513900	2569.5	24.33	25.5
					518598	2592.99	24.75	25.5
					523302	2616.51	24.51	25.5
					528000	2640	24.45	25.5
	64QAM	1	1	509202	2546.01	21.71	24.0	
				513900	2569.5	22.82	24.0	
				518598	2592.99	23.24	24.0	
				523302	2616.51	23.02	24.0	
				528000	2640	22.93	24.0	
	256QAM	1	1	509202	2546.01	20.16	22.0	
				513900	2569.5	21.30	22.0	
				518598	2592.99	21.40	22.0	
				523302	2616.51	21.02	22.0	
				528000	2640	20.88	22.0	
CP-OFDM	QPSK	1	1	509202	2546.01	22.64	25.0	
				513900	2569.5	23.79	25.0	
				518598	2592.99	24.20	25.0	
				523302	2616.51	24.13	25.0	
				528000	2640	23.88	25.0	
90	DFT-s OFDM	PI/2 BPSK	1	1	508200	2541	25.46	27.0
					513402	2567.01	25.89	27.0
					518598	2592.99	25.83	27.0
					523800	2619	25.42	27.0
					528996	2644.98	25.47	27.0
80	DFT-s OFDM	PI/2 BPSK	1	1	507204	2536.02	25.55	27.0
					512898	2564.49	25.81	27.0
					518598	2592.99	25.76	27.0
					524298	2621.49	25.47	27.0
					529998	2649.99	25.37	27.0

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60	DFT-s OFDM	PI/2 BPSK	1	1	505200	2526	25.79	27.0
					511902	2559.51	25.91	27.0
					518598	2592.99	25.74	27.0
					525300	2626.5	25.58	27.0
					531996	2659.98	25.46	27.0
50	DFT-s OFDM	PI/2 BPSK	1	1	504204	2521.02	25.83	27.0
					511398	2556.99	25.93	27.0
					518598	2592.99	25.67	27.0
					525798	2628.99	25.62	27.0
					532998	2664.99	25.38	27.0
40	DFT-s OFDM	PI/2 BPSK	1	1	503202	2516.01	25.61	27.0
					510900	2554.5	25.98	27.0
					518598	2592.99	25.69	27.0
					526302	2631.51	25.57	27.0
					534000	2670	25.40	27.0
30	DFT-s OFDM	PI/2 BPSK	1	1	502200	2511	25.66	27.0
					510402	2552.01	26.00	27.0
					518598	2592.99	25.72	27.0
					526800	2634	25.64	27.0
					534996	2674.98	25.48	27.0
20	DFT-s OFDM	PI/2 BPSK	1	1	501204	2506.02	25.70	27.0
					509898	2549.49	26.30	27.0
					518598	2592.99	26.09	27.0
					527298	2636.49	26.04	27.0
					535998	2679.99	25.95	27.0

■ NR n41 PC2 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	509202	2546.01	22.86	23.5
					513900	2569.5	22.66	23.5
					518598	2592.99	22.81	23.5
					523302	2616.51	22.51	23.5
					528000	2640	22.52	23.5
				137	509202	2546.01	22.60	23.5
					513900	2569.5	22.33	23.5
					518598	2592.99	22.35	23.5
					523302	2616.51	22.39	23.5
					528000	2640	22.15	23.5
			271	509202	2546.01	22.40	23.5	
				513900	2569.5	22.44	23.5	
				518598	2592.99	22.41	23.5	
				523302	2616.51	22.47	23.5	
				528000	2640	22.46	23.5	
			135	0	509202	2546.01	22.25	23.0
					513900	2569.5	22.10	23.0
					518598	2592.99	22.03	23.0
					523302	2616.51	21.91	23.0
					528000	2640	21.81	23.0
69	509202	2546.01		22.63	23.0			
	513900	2569.5		22.46	23.0			
	518598	2592.99		22.46	23.0			
	523302	2616.51		22.50	23.0			
	528000	2640		22.41	23.0			
138	509202	2546.01	21.98	23.0				
	513900	2569.5	21.87	23.0				
	518598	2592.99	21.96	23.0				
	523302	2616.51	21.90	23.0				
	528000	2640	21.81	23.0				

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100	DFT-s OFDM	QPSK	270	0	509202	2546.01	22.10	22.5
					513900	2569.5	21.98	22.5
					518598	2592.99	21.93	22.5
					523302	2616.51	21.89	22.5
					528000	2640	21.90	22.5
			1	1	509202	2546.01	22.87	23.5
					513900	2569.5	22.66	23.5
					518598	2592.99	22.66	23.5
					523302	2616.51	22.34	23.5
					528000	2640	22.22	23.5
		137		509202	2546.01	22.57	23.5	
				513900	2569.5	22.35	23.5	
				518598	2592.99	22.38	23.5	
				523302	2616.51	22.32	23.5	
				528000	2640	22.18	23.5	
		271	509202	2546.01	22.42	23.5		
			513900	2569.5	22.42	23.5		
			518598	2592.99	22.40	23.5		
			523302	2616.51	22.40	23.5		
			528000	2640	22.45	23.5		
		135	0	509202	2546.01	21.75	23.0	
				513900	2569.5	21.62	23.0	
				518598	2592.99	21.49	23.0	
				523302	2616.51	22.38	23.0	
				528000	2640	21.32	23.0	
			69	509202	2546.01	22.64	23.0	
				513900	2569.5	22.41	23.0	
				518598	2592.99	22.47	23.0	
				523302	2616.51	22.38	23.0	
				528000	2640	22.32	23.0	
138	509202		2546.01	21.48	23.0			
	513900		2569.5	21.44	23.0			
	518598		2592.99	21.45	23.0			
	523302		2616.51	21.42	23.0			
	528000		2640	21.31	23.0			

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100	DFT-s OFDM	270	0	509202	2546.01	21.59	22.5	
				513900	2569.5	21.44	22.5	
				518598	2592.99	21.46	22.5	
				523302	2616.51	21.41	22.5	
				528000	2640	21.36	22.5	
		16QAM	1	1	509202	2546.01	21.94	22.5
					513900	2569.5	21.77	22.5
					518598	2592.99	21.73	22.5
					523302	2616.51	21.45	22.5
					528000	2640	21.34	22.5
	64QAM	1	1	509202	2546.01	20.41	21.0	
				513900	2569.5	20.14	21.0	
				518598	2592.99	20.10	21.0	
				523302	2616.51	19.80	21.0	
				528000	2640	19.80	21.0	
	256QAM	1	1	509202	2546.01	18.40	19.0	
				513900	2569.5	18.19	19.0	
				518598	2592.99	18.18	19.0	
				523302	2616.51	17.87	19.0	
				528000	2640	17.77	19.0	
CP-OFDM	QPSK	1	1	509202	2546.01	21.38	22.0	
				513900	2569.5	21.25	22.0	
				518598	2592.99	21.16	22.0	
				523302	2616.51	20.92	22.0	
				528000	2640	20.77	22.0	
90	DFT-s OFDM	PI/2 BPSK	1	1	508200	2541	22.86	23.5
					513402	2567.01	22.64	23.5
					518598	2592.99	22.55	23.5
					523800	2619	22.24	23.5
					528996	2644.98	22.18	23.5
80	DFT-s OFDM	PI/2 BPSK	1	1	507204	2536.02	22.85	23.5
					512898	2564.49	22.59	23.5
					518598	2592.99	22.52	23.5
					524298	2621.49	22.18	23.5
					529998	2649.99	22.22	23.5

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60	DFT-s OFDM	PI/2 BPSK	1	1	505200	2526	22.98	23.5
					511902	2559.51	22.84	23.5
					518598	2592.99	22.60	23.5
					525300	2626.5	22.48	23.5
					531996	2659.98	22.28	23.5
50	DFT-s OFDM	PI/2 BPSK	1	1	504204	2521.02	23.03	23.5
					511398	2556.99	22.88	23.5
					518598	2592.99	22.54	23.5
					525798	2628.99	22.43	23.5
					532998	2664.99	22.22	23.5
40	DFT-s OFDM	PI/2 BPSK	1	1	503202	2516.01	23.05	23.5
					510900	2554.5	22.88	23.5
					518598	2592.99	22.63	23.5
					526302	2631.51	22.49	23.5
					534000	2670	22.29	23.5
30	DFT-s OFDM	PI/2 BPSK	1	1	502200	2511	23.15	23.5
					510402	2552.01	22.93	23.5
					518598	2592.99	22.65	23.5
					526800	2634	22.52	23.5
					534996	2674.98	22.37	23.5
20	DFT-s OFDM	PI/2 BPSK	1	1	501204	2506.02	23.33	23.5
					509898	2549.49	23.29	23.5
					518598	2592.99	23.04	23.5
					527298	2636.49	22.93	23.5
					535998	2679.99	22.91	23.5

■ NR n66 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	344000	1720	23.80	24.0	
					349000	1745	23.70	24.0	
					354000	1770	23.61	24.0	
				53	344000	1720	23.82	24.0	
						349000	1745	23.77	24.0
						354000	1770	23.62	24.0
					104	344000	1720	23.83	24.0
						349000	1745	23.79	24.0
						354000	1770	23.56	24.0
			50	0	344000	1720	23.29	24.0	
					349000	1745	23.31	24.0	
					354000	1770	23.27	24.0	
				28	344000	1720	23.86	24.0	
						349000	1745	23.81	24.0
						354000	1770	23.73	24.0
					56	344000	1720	23.30	24.0
						349000	1745	23.26	24.0
						354000	1770	23.01	24.0
		100	0	344000	1720	23.32	23.5		
				349000	1745	23.28	23.5		
				354000	1770	23.21	23.5		
		QPSK	1	1	344000	1720	23.71	24.0	
					349000	1745	23.81	24.0	
					354000	1770	23.68	24.0	
				53	344000	1720	23.77	24.0	
						349000	1745	23.83	24.0
						354000	1770	23.68	24.0
					104	344000	1720	23.82	24.0
						349000	1745	23.80	24.0
						354000	1770	23.49	24.0

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20	DFT-s OFDM		50	0	344000	1720	22.72	24.0
					349000	1745	22.79	24.0
					354000	1770	22.61	24.0
				28	344000	1720	23.82	24.0
					349000	1745	23.80	24.0
					354000	1770	23.61	24.0
				56	344000	1720	22.88	24.0
					349000	1745	22.79	24.0
					354000	1770	22.61	24.0
			100	0	344000	1720	22.71	23.5
					349000	1745	22.86	23.5
					354000	1770	22.59	23.5
	16QAM	1	1	344000	1720	22.65	23.0	
				349000	1745	22.75	23.0	
				354000	1770	22.56	23.0	
	64QAM	1	1	344000	1720	21.32	21.5	
				349000	1745	21.44	21.5	
				354000	1770	21.20	21.5	
	256QAM	1	1	344000	1720	18.64	19.5	
				349000	1745	18.75	19.5	
				354000	1770	18.48	19.5	
CP-OFDM	QPSK	1	1	344000	1720	22.20	22.5	
				349000	1745	22.23	22.5	
				354000	1770	22.19	22.5	
15	DFT-s OFDM	PI/2 BPSK	1	1	343500	1717.5	23.78	24.0
					349000	1745	23.81	24.0
					354500	1772.5	23.67	24.0
10	DFT-s OFDM	PI/2 BPSK	1	1	343000	1715	23.74	24.0
					349000	1745	23.83	24.0
					355000	1775	23.68	24.0
5	DFT-s OFDM	PI/2 BPSK	1	1	342500	1712.5	23.82	24.0
					349000	1745	23.74	24.0
					355500	1777.5	23.61	24.0

■ NR n66 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
20	DFT-s OFDM	PI/2 BPSK	1	1	344000	1720	19.84	20.5	
					349000	1745	20.00	20.5	
					354000	1770	19.89	20.5	
				53	344000	1720	19.90	20.5	
						349000	1745	20.07	20.5
						354000	1770	19.98	20.5
					104	344000	1720	19.98	20.5
						349000	1745	20.08	20.5
						354000	1770	19.85	20.5
			50	0	344000	1720	19.38	20.5	
					349000	1745	19.45	20.5	
					354000	1770	19.48	20.5	
				28	344000	1720	19.90	20.5	
						349000	1745	20.05	20.5
						354000	1770	20.03	20.5
				56	344000	1720	19.38	20.5	
						349000	1745	19.53	20.5
						354000	1770	19.35	20.5
				100	0	344000	1720	19.39	20.0
						349000	1745	19.52	20.0
						354000	1770	19.31	20.0
			QPSK	1	1	344000	1720	19.84	20.5
						349000	1745	19.94	20.5
						354000	1770	19.78	20.5
		53			344000	1720	19.87	20.5	
						349000	1745	20.06	20.5
						354000	1770	19.86	20.5
		104			344000	1720	20.02	20.5	
						349000	1745	19.99	20.5
						354000	1770	19.75	20.5

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20	DFT-s OFDM		50	0	344000	1720	18.86	20.5
					349000	1745	19.01	20.5
					354000	1770	18.87	20.5
				28	344000	1720	19.89	20.5
					349000	1745	20.07	20.5
					354000	1770	19.83	20.5
				56	344000	1720	19.04	20.5
					349000	1745	18.95	20.5
					354000	1770	18.83	20.5
			100	0	344000	1720	18.87	20.0
					349000	1745	18.93	20.0
					354000	1770	18.80	20.0
	16QAM	1	1	344000	1720	18.81	19.5	
				349000	1745	18.81	19.5	
				354000	1770	18.84	19.5	
	64QAM	1	1	344000	1720	17.62	18.0	
				349000	1745	17.61	18.0	
				354000	1770	17.60	18.0	
	256QAM	1	1	344000	1720	14.89	16.0	
				349000	1745	14.91	16.0	
				354000	1770	14.84	16.0	
CP-OFDM	QPSK	1	1	344000	1720	18.40	19.0	
				349000	1745	18.50	19.0	
				354000	1770	18.31	19.0	
15	DFT-s OFDM	PI/2 BPSK	1	1	343500	1717.5	19.90	20.5
					349000	1745	20.01	20.5
					354500	1772.5	19.90	20.5
10	DFT-s OFDM	PI/2 BPSK	1	1	343000	1715	19.87	20.5
					349000	1745	20.00	20.5
					355000	1775	19.90	20.5
5	DFT-s OFDM	PI/2 BPSK	1	1	342500	1712.5	19.88	20.5
					349000	1745	20.08	20.5
					355500	1777.5	19.90	20.5

■ NR n77 Part 27Q - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	633334	3500.01	22.01	24.0
				137	633334	3500.01	21.50	24.0
				271	633334	3500.01	21.43	24.0
			135	0	633334	3500.01	21.23	23.0
				69	633334	3500.01	21.71	23.0
				138	633334	3500.01	20.97	23.0
		270	0	633334	3500.01	21.19	23.0	
		QPSK	1	1	633334	3500.01	21.90	24.0
				137	633334	3500.01	21.59	24.0
				271	633334	3500.01	21.38	24.0
			135	0	633334	3500.01	20.77	23.0
				69	633334	3500.01	21.63	23.0
	138			633334	3500.01	20.48	23.0	
	270	0	633334	3500.01	20.65	23.0		
	16QAM	1	1	633334	3500.01	20.97	23.0	
	64QAM	1	1	633334	3500.01	19.39	21.5	
256QAM	1	1	633334	3500.01	17.47	19.5		
CP-OFDM	QPSK	1	1	633334	3500.01	20.54	22.5	
80	DFT-s OFDM	PI/2 BPSK	1	1	632668	3490.02	22.00	24.0
					633334	3500.01	21.96	24.0
					634000	3510	21.89	24.0
60	DFT-s OFDM	PI/2 BPSK	1	1	632000	3480	21.91	24.0
					633334	3500.01	21.86	24.0
					634666	3519.99	21.78	24.0
40	DFT-s OFDM	PI/2 BPSK	1	1	631334	3470.01	22.19	24.0
					633334	3500.01	22.04	24.0
					635332	3529.98	22.13	24.0
30	DFT-s OFDM	PI/2 BPSK	1	1	631000	3465	22.24	24.0
					633334	3500.01	21.99	24.0
					635666	3534.99	22.15	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	630668	3460.02	22.13	24.0
					633334	3500.01	21.94	24.0
					636000	3540	22.13	24.0

■ NR n77 Part 27Q - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	633334	3500.01	17.65	19.5	
				137	633334	3500.01	17.16	19.5	
				271	633334	3500.01	16.95	19.5	
			135	0	633334	3500.01	16.91	19.0	
				69	633334	3500.01	17.24	19.0	
				138	633334	3500.01	16.60	19.0	
			270	0	633334	3500.01	16.76	19.0	
			QPSK	1	1	633334	3500.01	17.54	19.5
					137	633334	3500.01	17.15	19.5
		271			633334	3500.01	16.97	19.5	
		135		0	633334	3500.01	16.34	19.0	
				69	633334	3500.01	17.27	19.0	
				138	633334	3500.01	16.09	19.0	
		270	0	633334	3500.01	16.30	19.0		
		16QAM	1	1	633334	3500.01	16.51	18.5	
	64QAM	1	1	633334	3500.01	15.25	17.0		
	256QAM	1	1	633334	3500.01	13.25	15.0		
	CP-OFDM	QPSK	1	1	633334	3500.01	16.26	18.0	
80	DFT-s OFDM	PI/2 BPSK	1	1	632668	3490.02	17.59	19.5	
					633334	3500.01	17.54	19.5	
					634000	3510	17.45	19.5	
60	DFT-s OFDM	PI/2 BPSK	1	1	632000	3480	17.58	19.5	
					633334	3500.01	17.52	19.5	
					634666	3519.99	17.43	19.5	
40	DFT-s OFDM	PI/2 BPSK	1	1	631334	3470.01	17.72	19.5	
					633334	3500.01	17.66	19.5	
					635332	3529.98	17.72	19.5	
30	DFT-s OFDM	PI/2 BPSK	1	1	631000	3465	17.79	19.5	
					633334	3500.01	17.61	19.5	
					635666	3534.99	17.70	19.5	
20	DFT-s OFDM	PI/2 BPSK	1	1	630668	3460.02	17.76	19.5	
					633334	3500.01	17.56	19.5	
					636000	3540	17.64	19.5	

■ NR n77 Part 270 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	650000	3750	21.98	24.0
					653000	3795	22.13	24.0
					656000	3840	22.17	24.0
					659000	3885	22.51	24.0
					662000	3930	22.60	24.0
				137	650000	3750	22.21	24.0
					653000	3795	22.44	24.0
					656000	3840	22.48	24.0
					659000	3885	22.64	24.0
					662000	3930	22.36	24.0
				271	650000	3750	22.37	24.0
					653000	3795	22.56	24.0
					656000	3840	22.51	24.0
					659000	3885	22.19	24.0
					662000	3930	22.17	24.0
			135	0	650000	3750	21.60	23.0
					653000	3795	21.83	23.0
					656000	3840	21.94	23.0
					659000	3885	22.12	23.0
					662000	3930	22.07	23.0
				69	650000	3750	22.26	23.0
					653000	3795	22.48	23.0
					656000	3840	22.51	23.0
					659000	3885	22.62	23.0
					662000	3930	22.40	23.0
138	650000	3750	21.79	23.0				
	653000	3795	21.96	23.0				
	656000	3840	21.95	23.0				
	659000	3885	21.90	23.0				
	662000	3930	21.78	23.0				

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100	DFT-s OFDM	QPSK	270	0	650000	3750	21.67	23.0
					653000	3795	21.82	23.0
					656000	3840	21.92	23.0
					659000	3885	21.99	23.0
					662000	3930	21.93	23.0
			1	1	650000	3750	21.86	24.0
					653000	3795	22.09	24.0
					656000	3840	22.15	24.0
					659000	3885	22.45	24.0
					662000	3930	22.53	24.0
		137		650000	3750	22.21	24.0	
				653000	3795	22.26	24.0	
				656000	3840	22.42	24.0	
				659000	3885	22.46	24.0	
				662000	3930	22.36	24.0	
		271		650000	3750	22.31	24.0	
				653000	3795	22.55	24.0	
				656000	3840	22.44	24.0	
				659000	3885	22.18	24.0	
				662000	3930	22.17	24.0	
		135	0	650000	3750	21.14	23.0	
				653000	3795	21.28	23.0	
				656000	3840	21.45	23.0	
				659000	3885	21.58	23.0	
				662000	3930	21.65	23.0	
			69	650000	3750	22.30	23.0	
				653000	3795	22.34	23.0	
				656000	3840	22.45	23.0	
				659000	3885	22.49	23.0	
				662000	3930	22.43	23.0	
138	650000		3750	21.29	23.0			
	653000		3795	21.49	23.0			
	656000		3840	21.47	23.0			
	659000		3885	21.41	23.0			
	662000		3930	21.27	23.0			

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100	DFT-s OFDM	270	0	650000	3750	21.21	23.0	
				653000	3795	21.32	23.0	
				656000	3840	21.45	23.0	
				659000	3885	21.54	23.0	
				662000	3930	21.40	23.0	
		16QAM	1	1	650000	3750	20.94	23.0
					653000	3795	21.19	23.0
					656000	3840	21.19	23.0
					659000	3885	21.54	23.0
					662000	3930	21.69	23.0
	64QAM	1	1	650000	3750	19.37	21.5	
				653000	3795	19.61	21.5	
				656000	3840	19.67	21.5	
				659000	3885	19.86	21.5	
				662000	3930	20.20	21.5	
	256QAM	1	1	650000	3750	17.48	19.5	
				653000	3795	17.64	19.5	
				656000	3840	17.67	19.5	
				659000	3885	17.98	19.5	
				662000	3930	18.13	19.5	
CP-OFDM	QPSK	1	1	650000	3750	20.39	22.5	
				653000	3795	20.64	22.5	
				656000	3840	20.68	22.5	
				659000	3885	20.96	22.5	
				662000	3930	21.11	22.5	
80	DFT-s OFDM	PI/2 BPSK	1	1	649334	3740.01	22.01	24.0
					652666	3789.99	22.21	24.0
					656000	3840	22.22	24.0
					659334	3890.01	22.56	24.0
					662666	3939.99	22.59	24.0
60	DFT-s OFDM	PI/2 BPSK	1	1	648668	3730.02	22.14	24.0
					652334	3785.01	22.35	24.0
					656000	3840	22.51	24.0
					659666	3894.99	22.64	24.0
					663332	3949.98	22.68	24.0

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40	DFT-s OFDM	PI/2 BPSK	1	1	648000	3720	22.52	24.0
					652000	3780	22.61	24.0
					656000	3840	22.94	24.0
					660000	3900	22.94	24.0
					664000	3960	23.13	24.0
30	DFT-s OFDM	PI/2 BPSK	1	1	647668	3715.02	22.43	24.0
					651834	3777.51	22.61	24.0
					656000	3840	22.84	24.0
					660166	3902.49	22.81	24.0
					664332	3964.98	23.11	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	647334	3710.01	22.38	24.0
					651666	3774.99	22.53	24.0
					656000	3840	22.72	24.0
					660334	3905.01	22.79	24.0
					664666	3969.99	23.09	24.0

■ NR n77 Part 270 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	650000	3750	17.48	19.5
					653000	3795	17.68	19.5
					656000	3840	17.59	19.5
					659000	3885	17.91	19.5
					662000	3930	17.99	19.5
				137	650000	3750	17.72	19.5
					653000	3795	17.88	19.5
					656000	3840	17.86	19.5
					659000	3885	17.90	19.5
					662000	3930	18.03	19.5
				271	650000	3750	17.86	19.5
					653000	3795	17.93	19.5
					656000	3840	17.79	19.5
					659000	3885	17.66	19.5
					662000	3930	17.61	19.5
			135	0	650000	3750	17.14	19.0
					653000	3795	17.24	19.0
					656000	3840	17.33	19.0
					659000	3885	17.49	19.0
					662000	3930	17.54	19.0
				69	650000	3750	17.64	19.0
					653000	3795	17.87	19.0
					656000	3840	17.89	19.0
					659000	3885	18.02	19.0
					662000	3930	17.83	19.0
138	650000	3750	17.19	19.0				
	653000	3795	17.37	19.0				
	656000	3840	17.34	19.0				
	659000	3885	17.33	19.0				
	662000	3930	17.21	19.0				

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100	DFT-s OFDM	QPSK	270	0	650000	3750	17.20	19.0
					653000	3795	17.31	19.0
					656000	3840	17.37	19.0
					659000	3885	17.38	19.0
					662000	3930	17.34	19.0
			1	1	650000	3750	17.45	19.5
					653000	3795	17.65	19.5
					656000	3840	17.62	19.5
					659000	3885	17.92	19.5
					662000	3930	18.07	19.5
		137		650000	3750	17.58	19.5	
				653000	3795	17.77	19.5	
				656000	3840	17.84	19.5	
				659000	3885	17.91	19.5	
				662000	3930	17.76	19.5	
		271		650000	3750	17.79	19.5	
				653000	3795	17.93	19.5	
				656000	3840	17.75	19.5	
				659000	3885	17.57	19.5	
				662000	3930	17.67	19.5	
		135	0	650000	3750	16.66	19.0	
				653000	3795	16.74	19.0	
				656000	3840	16.86	19.0	
				659000	3885	16.97	19.0	
				662000	3930	17.07	19.0	
			69	650000	3750	17.71	19.0	
				653000	3795	17.81	19.0	
				656000	3840	17.91	19.0	
				659000	3885	17.90	19.0	
				662000	3930	17.80	19.0	
138	650000		3750	16.65	19.0			
	653000		3795	16.89	19.0			
	656000		3840	16.86	19.0			
	659000		3885	16.80	19.0			
	662000		3930	16.73	19.0			

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100	DFT-s OFDM	270	0	650000	3750	16.72	19.0	
				653000	3795	16.79	19.0	
				656000	3840	16.83	19.0	
				659000	3885	16.83	19.0	
				662000	3930	16.78	19.0	
		16QAM	1	1	650000	3750	16.47	18.5
					653000	3795	16.64	18.5
					656000	3840	16.57	18.5
					659000	3885	17.00	18.5
					662000	3930	17.09	18.5
	64QAM	1	1	650000	3750	15.20	17.0	
				653000	3795	15.44	17.0	
				656000	3840	15.49	17.0	
				659000	3885	15.50	17.0	
				662000	3930	15.84	17.0	
	256QAM	1	1	650000	3750	13.25	15.0	
				653000	3795	13.37	15.0	
				656000	3840	13.44	15.0	
				659000	3885	13.55	15.0	
				662000	3930	13.80	15.0	
CP-OFDM	QPSK	1	1	650000	3750	16.21	18.0	
				653000	3795	16.17	18.0	
				656000	3840	16.18	18.0	
				659000	3885	16.36	18.0	
				662000	3930	16.56	18.0	
80	DFT-s OFDM	PI/2 BPSK	1	1	649334	3740.01	17.58	19.5
					652666	3789.99	17.64	19.5
					656000	3840	17.75	19.5
					659334	3890.01	18.02	19.5
					662666	3939.99	18.06	19.5
60	DFT-s OFDM	PI/2 BPSK	1	1	648668	3730.02	17.79	19.5
					652334	3785.01	17.86	19.5
					656000	3840	17.98	19.5
					659666	3894.99	18.14	19.5
					663332	3949.98	18.12	19.5

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40	DFT-s OFDM	PI/2 BPSK	1	1	648000	3720	18.02	19.5
					652000	3780	18.02	19.5
					656000	3840	18.36	19.5
					660000	3900	18.44	19.5
					664000	3960	18.26	19.5
30	DFT-s OFDM	PI/2 BPSK	1	1	647668	3715.02	17.91	19.5
					651834	3777.51	18.06	19.5
					656000	3840	18.28	19.5
					660166	3902.49	18.28	19.5
					664332	3964.98	18.07	19.5
20	DFT-s OFDM	PI/2 BPSK	1	1	647334	3710.01	17.95	19.5
					651666	3774.99	17.99	19.5
					656000	3840	18.19	19.5
					660334	3905.01	18.25	19.5
					664666	3969.99	18.14	19.5

■ NR n78 PC3 Part 27Q - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	633334	3500.01	22.62	24.0	
				137	633334	3500.01	22.17	24.0	
				271	633334	3500.01	21.98	24.0	
			135	0	633334	3500.01	21.93	24.0	
				69	633334	3500.01	22.28	24.0	
				138	633334	3500.01	21.69	24.0	
			270	0	633334	3500.01	21.80	24.0	
			QPSK	1	1	633334	3500.01	22.56	24.0
					137	633334	3500.01	22.13	24.0
		271			633334	3500.01	21.97	24.0	
		135		0	633334	3500.01	21.46	24.0	
				69	633334	3500.01	22.29	24.0	
				138	633334	3500.01	21.17	24.0	
		270	0	633334	3500.01	21.31	23.0		
		16QAM	1	1	633334	3500.01	21.72	23.0	
		64QAM	1	1	633334	3500.01	20.09	21.5	
		256QAM	1	1	633334	3500.01	18.11	19.5	
		CP-OFDM	QPSK	1	1	633334	3500.01	21.07	22.5
90	DFT-s OFDM	PI/2 BPSK	1	1	633000	3495	22.55	24.0	
					633334	3500.01	22.58	24.0	
					633666	3504.99	22.60	24.0	
80	DFT-s OFDM	PI/2 BPSK	1	1	632668	3490.02	22.58	24.0	
					633334	3500.01	22.64	24.0	
					634000	3510	22.46	24.0	
70	DFT-s OFDM	PI/2 BPSK	1	1	632334	3485.01	22.63	24.0	
					633334	3500.01	22.61	24.0	
					634332	3514.98	22.48	24.0	
60	DFT-s OFDM	PI/2 BPSK	1	1	632000	3480	22.62	24.0	
					633334	3500.01	22.57	24.0	
					634666	3519.99	22.33	24.0	
50	DFT-s OFDM	PI/2 BPSK	1	1	631668	3475.02	22.51	24.0	
					633334	3500.01	22.38	24.0	
					635000	3525	22.37	24.0	

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40	DFT-s OFDM	PI/2 BPSK	1	1	631334	3470.01	22.82	24.0
					633334	3500.01	22.74	24.0
					635332	3529.98	22.71	24.0
30	DFT-s OFDM	PI/2 BPSK	1	1	631000	3465	22.90	24.0
					633334	3500.01	22.67	24.0
					635666	3534.99	22.80	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	630668	3460.02	22.71	24.0
					633334	3500.01	22.48	24.0
					636000	3540	22.71	24.0

■ NR n78 PC3 Part 27Q - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	633334	3500.01	18.79	19.5	
				137	633334	3500.01	18.51	19.5	
				271	633334	3500.01	18.13	19.5	
			135	0	633334	3500.01	18.25	19.0	
				69	633334	3500.01	18.58	19.0	
				138	633334	3500.01	17.91	19.0	
			270	0	633334	3500.01	18.08	19.0	
			QPSK	1	1	633334	3500.01	18.79	19.5
					137	633334	3500.01	18.57	19.5
		271			633334	3500.01	18.11	19.5	
		135		0	633334	3500.01	17.70	19.0	
				69	633334	3500.01	18.58	19.0	
				138	633334	3500.01	17.46	19.0	
		270	0	633334	3500.01	17.56	19.0		
		16QAM	1	1	633334	3500.01	17.78	18.5	
		64QAM	1	1	633334	3500.01	16.30	17.0	
		256QAM	1	1	633334	3500.01	14.37	15.0	
		CP-OFDM	QPSK	1	1	633334	3500.01	17.35	18.0
90	DFT-s OFDM	PI/2 BPSK	1	1	633000	3495	18.71	19.5	
					633334	3500.01	18.82	19.5	
					633666	3504.99	18.78	19.5	
80	DFT-s OFDM	PI/2 BPSK	1	1	632668	3490.02	18.73	19.5	
					633334	3500.01	18.81	19.5	
					634000	3510	18.66	19.5	
70	DFT-s OFDM	PI/2 BPSK	1	1	632334	3485.01	18.72	19.5	
					633334	3500.01	18.77	19.5	
					634332	3514.98	18.65	19.5	
60	DFT-s OFDM	PI/2 BPSK	1	1	632000	3480	18.74	19.5	
					633334	3500.01	18.68	19.5	
					634666	3519.99	18.73	19.5	
50	DFT-s OFDM	PI/2 BPSK	1	1	631668	3475.02	18.70	19.5	
					633334	3500.01	18.63	19.5	
					635000	3525	18.53	19.5	

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40	DFT-s OFDM	PI/2 BPSK	1	1	631334	3470.01	19.09	19.5
					633334	3500.01	19.03	19.5
					635332	3529.98	18.93	19.5
30	DFT-s OFDM	PI/2 BPSK	1	1	631000	3465	19.05	19.5
					633334	3500.01	18.84	19.5
					635666	3534.99	19.01	19.5
20	DFT-s OFDM	PI/2 BPSK	1	1	630668	3460.02	18.91	19.5
					633334	3500.01	18.71	19.5
					636000	3540	18.92	19.5

■ NR n78 PC2 Part 27Q - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	633334	3500.01	22.70	24.0	
				137	633334	3500.01	22.32	24.0	
				271	633334	3500.01	22.06	24.0	
			135	0	633334	3500.01	21.96	24.0	
				69	633334	3500.01	22.32	24.0	
				138	633334	3500.01	21.74	24.0	
			270	0	633334	3500.01	21.87	24.0	
			QPSK	1	1	633334	3500.01	22.55	24.0
					137	633334	3500.01	22.24	24.0
		271			633334	3500.01	22.02	24.0	
		135		0	633334	3500.01	21.52	24.0	
				69	633334	3500.01	22.34	24.0	
				138	633334	3500.01	21.23	24.0	
		270	0	633334	3500.01	21.39	23.0		
		16QAM	1	1	633334	3500.01	21.65	23.0	
	64QAM	1	1	633334	3500.01	20.13	21.5		
	256QAM	1	1	633334	3500.01	18.14	19.5		
	CP-OFDM	QPSK	1	1	633334	3500.01	21.08	22.5	
90	DFT-s OFDM	PI/2 BPSK	1	1	633000	3495	22.65	24.0	
					633334	3500.01	22.78	24.0	
					633666	3504.99	22.72	24.0	
80	DFT-s OFDM	PI/2 BPSK	1	1	632668	3490.02	22.61	24.0	
					633334	3500.01	22.66	24.0	
					634000	3510	22.52	24.0	
70	DFT-s OFDM	PI/2 BPSK	1	1	632334	3485.01	22.60	24.0	
					633334	3500.01	22.66	24.0	
					634332	3514.98	22.49	24.0	
60	DFT-s OFDM	PI/2 BPSK	1	1	632000	3480	22.66	24.0	
					633334	3500.01	22.56	24.0	
					634666	3519.99	22.52	24.0	
50	DFT-s OFDM	PI/2 BPSK	1	1	631668	3475.02	22.54	24.0	
					633334	3500.01	22.51	24.0	
					635000	3525	22.37	24.0	

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40	DFT-s OFDM	PI/2 BPSK	1	1	631334	3470.01	22.85	24.0
					633334	3500.01	22.82	24.0
					635332	3529.98	22.74	24.0
30	DFT-s OFDM	PI/2 BPSK	1	1	631000	3465	22.89	24.0
					633334	3500.01	22.71	24.0
					635666	3534.99	22.87	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	630668	3460.02	22.88	24.0
					633334	3500.01	22.55	24.0
					636000	3540	22.70	24.0

■ NR n78 PC2 Part 27Q - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	633334	3500.01	21.03	22.5	
				137	633334	3500.01	20.62	22.5	
				271	633334	3500.01	20.41	22.5	
			135	0	633334	3500.01	20.41	22.5	
				69	633334	3500.01	20.65	22.5	
				138	633334	3500.01	20.06	22.5	
			270	0	633334	3500.01	20.21	22.5	
			QPSK	1	1	633334	3500.01	21.10	22.5
					137	633334	3500.01	20.66	22.5
		271			633334	3500.01	20.41	22.5	
		135		0	633334	3500.01	19.89	22.5	
				69	633334	3500.01	20.71	22.5	
				138	633334	3500.01	19.55	22.5	
		270	0	633334	3500.01	19.68	22.5		
		16QAM	1	1	633334	3500.01	19.91	21.5	
		64QAM	1	1	633334	3500.01	18.40	20.0	
		256QAM	1	1	633334	3500.01	16.48	18.0	
		CP-OFDM	QPSK	1	1	633334	3500.01	19.39	21.0
90	DFT-s OFDM	PI/2 BPSK	1	1	633000	3495	20.96	22.5	
					633334	3500.01	20.98	22.5	
					633666	3504.99	20.94	22.5	
80	DFT-s OFDM	PI/2 BPSK	1	1	632668	3490.02	21.06	22.5	
					633334	3500.01	21.03	22.5	
					634000	3510	20.90	22.5	
70	DFT-s OFDM	PI/2 BPSK	1	1	632334	3485.01	21.03	22.5	
					633334	3500.01	21.01	22.5	
					634332	3514.98	20.88	22.5	
60	DFT-s OFDM	PI/2 BPSK	1	1	632000	3480	21.03	22.5	
					633334	3500.01	20.99	22.5	
					634666	3519.99	20.82	22.5	
50	DFT-s OFDM	PI/2 BPSK	1	1	631668	3475.02	20.95	22.5	
					633334	3500.01	20.83	22.5	
					635000	3525	20.76	22.5	

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40	DFT-s OFDM	PI/2 BPSK	1	1	631334	3470.01	21.27	22.5
					633334	3500.01	21.10	22.5
					635332	3529.98	21.13	22.5
30	DFT-s OFDM	PI/2 BPSK	1	1	631000	3465	21.23	22.5
					633334	3500.01	21.00	22.5
					635666	3534.99	21.09	22.5
20	DFT-s OFDM	PI/2 BPSK	1	1	630668	3460.02	21.21	22.5
					633334	3500.01	20.92	22.5
					636000	3540	21.05	22.5

■ NR n78 PC3 Part 270 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	650000	3750	22.99	24.0	
				137	650000	3750	23.27	24.0	
				271	650000	3750	23.37	24.0	
			135	0	650000	3750	22.67	24.0	
				69	650000	3750	23.29	24.0	
				138	650000	3750	22.79	24.0	
			270	0	650000	3750	22.77	23.0	
			QPSK	1	1	650000	3750	22.92	24.0
					137	650000	3750	23.25	24.0
		271			650000	3750	23.34	24.0	
		135		0	650000	3750	22.23	24.0	
				69	650000	3750	23.31	24.0	
				138	650000	3750	22.26	24.0	
		270	0	650000	3750	22.28	23.0		
		16QAM	1	1	650000	3750	21.99	23.0	
		64QAM	1	1	650000	3750	20.45	21.5	
		256QAM	1	1	650000	3750	18.55	19.5	
		CP-OFDM	QPSK	1	1	650000	3750	21.49	22.5
90	DFT-s OFDM	PI/2 BPSK	1	1	649668	3745.02	23.01	24.0	
					650000	3750	23.02	24.0	
					650332	3754.98	23.05	24.0	
80	DFT-s OFDM	PI/2 BPSK	1	1	649334	3740.01	23.05	24.0	
					650000	3750	23.13	24.0	
					650666	3759.99	23.10	24.0	
70	DFT-s OFDM	PI/2 BPSK	1	1	649000	3735	23.04	24.0	
					650000	3750	23.19	24.0	
					651000	3765	23.19	24.0	
60	DFT-s OFDM	PI/2 BPSK	1	1	648668	3730.02	23.12	24.0	
					650000	3750	23.29	24.0	
					651332	3769.98	23.27	24.0	
50	DFT-s OFDM	PI/2 BPSK	1	1	648334	3725.01	23.23	24.0	
					650000	3750	23.33	24.0	
					651666	3774.99	23.16	24.0	

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40	DFT-s OFDM	PI/2 BPSK	1	1	648000	3720	23.58	24.0
					650000	3750	23.58	24.0
					652000	3780	23.59	24.0
30	DFT-s OFDM	PI/2 BPSK	1	1	647668	3715.02	23.54	24.0
					650000	3750	23.43	24.0
					652332	3784.98	23.52	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	647334	3710.01	23.39	24.0
					650000	3750	23.53	24.0
					652666	3789.99	23.62	24.0

■ NR n78 PC3 Part 270 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	650000	3750	18.70	19.5
				137	650000	3750	18.86	19.5
				271	650000	3750	19.04	19.5
			135	0	650000	3750	18.41	19.0
				69	650000	3750	18.89	19.0
				138	650000	3750	18.39	19.0
		270	0	650000	3750	18.36	19.0	
		QPSK	1	1	650000	3750	18.72	19.5
				137	650000	3750	18.93	19.5
				271	650000	3750	19.05	19.5
			135	0	650000	3750	17.90	19.0
				69	650000	3750	18.87	19.0
	138			650000	3750	17.92	19.0	
	270	0	650000	3750	17.82	19.0		
	16QAM	1	1	650000	3750	17.65	18.5	
	64QAM	1	1	650000	3750	16.28	17.0	
256QAM	1	1	650000	3750	14.30	15.0		
CP-OFDM	QPSK	1	1	650000	3750	17.26	18.0	
90	DFT-s OFDM	PI/2 BPSK	1	1	649668	3745.02	18.79	19.5
					650000	3750	18.74	19.5
					650332	3754.98	18.80	19.5
80	DFT-s OFDM	PI/2 BPSK	1	1	649334	3740.01	18.80	19.5
					650000	3750	18.79	19.5
					650666	3759.99	18.86	19.5
70	DFT-s OFDM	PI/2 BPSK	1	1	649000	3735	18.84	19.5
					650000	3750	18.90	19.5
					651000	3765	18.86	19.5
60	DFT-s OFDM	PI/2 BPSK	1	1	648668	3730.02	18.87	19.5
					650000	3750	18.78	19.5
					651332	3769.98	18.85	19.5
50	DFT-s OFDM	PI/2 BPSK	1	1	648334	3725.01	19.00	19.5
					650000	3750	18.91	19.5
					651666	3774.99	18.92	19.5

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40	DFT-s OFDM	PI/2 BPSK	1	1	648000	3720	19.16	19.5
					650000	3750	19.22	19.5
					652000	3780	19.25	19.5
30	DFT-s OFDM	PI/2 BPSK	1	1	647668	3715.02	19.12	19.5
					650000	3750	19.22	19.5
					652332	3784.98	19.19	19.5
20	DFT-s OFDM	PI/2 BPSK	1	1	647334	3710.01	19.16	19.5
					650000	3750	19.22	19.5
					652666	3789.99	19.25	19.5

■ NR n78 PC2 Part 270 - Full Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)	
100	DFT-s OFDM	PI/2 BPSK	1	1	650000	3750	22.95	24.0	
				137	650000	3750	23.28	24.0	
				271	650000	3750	23.36	24.0	
			135	0	650000	3750	22.68	24.0	
				69	650000	3750	23.36	24.0	
				138	650000	3750	22.88	24.0	
			270	0	650000	3750	22.75	24.0	
			QPSK	1	1	650000	3750	23.00	24.0
					137	650000	3750	23.29	24.0
		271			650000	3750	23.35	24.0	
		135		0	650000	3750	22.19	24.0	
				69	650000	3750	23.33	24.0	
				138	650000	3750	22.39	24.0	
		270	0	650000	3750	22.27	23.0		
		16QAM	1	1	650000	3750	21.96	23.0	
		64QAM	1	1	650000	3750	20.59	21.5	
		256QAM	1	1	650000	3750	18.46	19.5	
		CP-OFDM	QPSK	1	1	650000	3750	21.55	22.5
90	DFT-s OFDM	PI/2 BPSK	1	1	649668	3745.02	23.01	24.0	
					650000	3750	23.01	24.0	
					650332	3754.98	23.04	24.0	
80	DFT-s OFDM	PI/2 BPSK	1	1	649334	3740.01	22.96	24.0	
					650000	3750	23.07	24.0	
					650666	3759.99	23.15	24.0	
70	DFT-s OFDM	PI/2 BPSK	1	1	649000	3735	23.11	24.0	
					650000	3750	23.15	24.0	
					651000	3765	23.18	24.0	
60	DFT-s OFDM	PI/2 BPSK	1	1	648668	3730.02	23.13	24.0	
					650000	3750	23.23	24.0	
					651332	3769.98	23.26	24.0	
50	DFT-s OFDM	PI/2 BPSK	1	1	648334	3725.01	23.25	24.0	
					650000	3750	23.32	24.0	
					651666	3774.99	23.19	24.0	

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40	DFT-s OFDM	PI/2 BPSK	1	1	648000	3720	23.57	24.0
					650000	3750	23.56	24.0
					652000	3780	23.61	24.0
30	DFT-s OFDM	PI/2 BPSK	1	1	647668	3715.02	23.50	24.0
					650000	3750	23.52	24.0
					652332	3784.98	23.61	24.0
20	DFT-s OFDM	PI/2 BPSK	1	1	647334	3710.01	23.43	24.0
					650000	3750	23.53	24.0
					652666	3789.99	23.62	24.0

■ NR n78 PC2 Part 270 - Reduced Power

BW (MHz)	Modulation	Mode	RB Size	RB Offset	CH.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit Power (dBm)
100	DFT-s OFDM	PI/2 BPSK	1	1	650000	3750	21.45	22.5
				137	650000	3750	21.74	22.5
				271	650000	3750	21.80	22.5
			135	0	650000	3750	21.18	22.5
				69	650000	3750	21.87	22.5
				138	650000	3750	21.18	22.5
		270	0	650000	3750	21.23	22.5	
		QPSK	1	1	650000	3750	21.49	22.5
				137	650000	3750	21.61	22.5
				271	650000	3750	21.81	22.5
			135	0	650000	3750	20.63	22.5
				69	650000	3750	21.75	22.5
				138	650000	3750	20.71	22.5
		270	0	650000	3750	20.66	22.5	
	16QAM	1	1	650000	3750	20.52	21.5	
	64QAM	1	1	650000	3750	18.92	20.0	
256QAM	1	1	650000	3750	16.95	18.0		
CP-OFDM	QPSK	1	1	650000	3750	20.06	21.0	
90	DFT-s OFDM	PI/2 BPSK	1	1	649668	3745.02	21.45	22.5
					650000	3750	21.56	22.5
					650332	3754.98	21.53	22.5
80	DFT-s OFDM	PI/2 BPSK	1	1	649334	3740.01	21.50	22.5
					650000	3750	21.60	22.5
					650666	3759.99	21.62	22.5
70	DFT-s OFDM	PI/2 BPSK	1	1	649000	3735	21.50	22.5
					650000	3750	21.56	22.5
					651000	3765	21.63	22.5
60	DFT-s OFDM	PI/2 BPSK	1	1	648668	3730.02	21.61	22.5
					650000	3750	21.72	22.5
					651332	3769.98	21.72	22.5
50	DFT-s OFDM	PI/2 BPSK	1	1	648334	3725.01	21.69	22.5
					650000	3750	21.79	22.5
					651666	3774.99	21.67	22.5

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40	DFT-s OFDM	PI/2 BPSK	1	1	648000	3720	22.06	22.5
					650000	3750	22.00	22.5
					652000	3780	22.01	22.5
30	DFT-s OFDM	PI/2 BPSK	1	1	647668	3715.02	21.92	22.5
					650000	3750	21.89	22.5
					652332	3784.98	21.93	22.5
20	DFT-s OFDM	PI/2 BPSK	1	1	647334	3710.01	21.81	22.5
					650000	3750	21.92	22.5
					652666	3789.99	22.03	22.5

■ DTS Band Wi-Fi

Mode	CH.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 3 Max. Tune-up Power (dBm)	Ant 2 Average Power (dBm)	Ant 2 Max. Tune-up Power (dBm)	Total Average Power (dBm)	Total Max. Tune-up Power (dBm)	Duty Cycle %
b	1	2412	18.29	19.0	17.14	18.5	20.76	21.8	98.28
	6	2437	18.63	19.0	18.23	18.5	21.44	21.8	
	11	2462	18.55	19.0	18.04	18.5	21.31	21.8	
g	1	2412	16.52	17.0	15.47	16.0	19.04	19.5	90.53
	6	2437	16.36	17.0	15.07	16.0	18.77	19.5	
	11	2462	16.46	17.0	16.18	17.0	19.33	20.0	
n-HT20	1	2412	16.42	17.0	15.49	16.0	18.99	19.5	82.09
	6	2437	16.75	17.0	14.93	16.0	18.94	19.5	
	11	2462	16.08	17.0	15.12	16.0	18.64	19.5	
n-HT40	3	2422	13.99	15.0	13.36	14.0	16.70	17.5	77.86
	6	2437	15.13	16.0	13.79	14.0	17.52	18.1	
	9	2452	13.66	14.0	12.62	13.0	16.18	16.5	
ax-HE20	1	2412	15.83	16.0	15.03	16.0	18.46	19.0	78.30
	6	2437	15.82	16.0	14.49	15.0	18.22	18.5	
	11	2462	15.42	16.0	14.88	15.0	18.17	18.5	
ax-HE40	3	2422	14.32	15.0	14.27	15.0	17.31	18.0	75.34
	6	2437	15.39	16.0	14.05	15.0	17.78	18.5	
	9	2452	13.91	15.0	12.86	13.0	16.43	17.1	
VHT20	1	2412	15.31	16.0	14.56	15.0	17.96	18.5	82.07
	6	2437	15.30	16.0	14.02	15.0	17.72	18.5	
	11	2462	15.25	16.0	15.41	16.0	18.34	19.0	
VHT40	3	2422	13.93	15.0	13.95	15.0	16.95	18.0	78.05
	6	2437	14.80	15.0	13.73	14.0	17.31	17.5	
	9	2452	13.62	14.0	12.62	13.0	16.16	16.5	

■ U-NII-1 Band Wi-Fi

Mode	CH.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 3 Max. Tune-up Power (dBm)	Ant 2 Average Power (dBm)	Ant 2 Max. Tune-up Power (dBm)	Total Average Power (dBm)	Total Max. Tune-up Power (dBm)	Duty Cycle %
a	36	5180	13.28	14.0	10.88	11.0	15.25	15.8	90.48
	44	5220	15.80	16.0	13.40	14.0	17.77	18.1	
	48	5240	15.63	16.0	12.68	13.0	17.41	17.8	
ac-VHT20	36	5180	14.73	15.0	11.92	12.0	16.56	16.8	82.24
	44	5220	15.95	16.0	12.87	13.0	17.69	17.8	
	48	5240	15.95	16.0	12.86	13.0	17.68	17.8	
ac-VHT40	38	5190	12.23	13.0	9.37	10.0	14.04	14.8	70.44
	46	5230	15.20	16.0	12.02	13.0	16.91	17.8	
ac-VHT80	42	5210	12.93	14.0	9.19	10.0	14.46	15.5	55.99
ax-HE20	36	5180	13.56	14.0	11.02	12.0	15.48	16.1	78.74
	44	5220	15.89	16.0	12.53	13.0	17.54	17.8	
	48	5240	15.69	16.0	12.35	13.0	17.34	17.8	
ax-HE40	38	5190	11.48	12.0	8.44	9.0	13.23	13.8	67.65
	46	5230	15.96	16.0	13.08	14.0	17.76	18.1	
ax-HE80	42	5210	13.32	14.0	10.68	11.0	15.21	15.8	55.10

■ U-NII-2A Band Wi-Fi

Mode	CH.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 3 Max. Tune-up Power (dBm)	Ant 2 Average Power (dBm)	Ant 2 Max. Tune-up Power (dBm)	Total Average Power (dBm)	Total Max. Tune-up Power (dBm)	Duty Cycle %
a	52	5260	15.88	16.0	12.97	14.0	17.67	18.1	90.48
	60	5300	15.87	16.0	13.03	14.0	17.69	18.1	
	64	5320	15.06	16.0	12.70	13.0	17.05	17.8	
ac-VHT20	52	5260	15.32	16.0	12.33	13.0	17.09	17.8	82.24
	60	5300	15.03	16.0	12.45	13.0	16.94	17.8	
	64	5320	14.36	15.0	11.61	12.0	16.21	16.8	
ac-VHT40	54	5270	15.85	16.0	12.33	13.0	17.45	17.8	70.44
	62	5310	14.56	15.0	12.13	13.0	16.52	17.1	
ac-VHT80	58	5290	14.05	15.0	11.93	13.0	16.13	17.1	55.99
ax-HE20	52	5260	15.06	16.0	12.28	13.0	16.90	17.8	78.74
	60	5300	15.16	16.0	12.27	13.0	16.96	17.8	
	64	5320	15.23	16.0	12.95	14.0	17.25	18.1	
ax-HE40	54	5270	15.41	16.0	12.29	13.0	17.13	17.8	67.65
	62	5310	14.11	15.0	11.38	12.0	15.97	16.8	
ax-HE80	58	5290	13.73	14.0	11.13	12.0	15.63	16.1	55.10

■ U-NII-2C Band Wi-Fi

Mode	CH.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 3 Max. Tune-up Power (dBm)	Ant 2 Average Power (dBm)	Ant 2 Max. Tune-up Power (dBm)	Total Average Power (dBm)	Total Max. Tune-up Power (dBm)	Duty Cycle %
a	100	5500	15.52	16.0	13.66	15.0	17.70	18.5	90.48
	116	5580	15.27	16.0	13.30	15.0	17.41	18.5	
	140	5700	13.64	16.0	11.90	14.0	15.87	18.1	
ac-VHT20	100	5500	15.43	16.0	12.52	13.0	17.22	17.8	82.24
	116	5580	15.62	16.0	13.20	14.0	17.59	18.1	
	140	5700	15.36	16.0	13.38	14.0	17.49	18.1	
ac-VHT40	102	5510	15.15	16.0	13.00	14.0	17.22	18.1	70.44
	110	5550	14.96	16.0	13.12	14.0	17.15	18.1	
	134	5670	15.69	16.0	14.02	15.0	17.95	18.5	
ac-VHT80	106	5530	13.99	14.0	12.15	13.0	16.18	16.5	55.99
	122	5610	15.96	16.0	14.07	15.0	18.13	18.5	
ax-HE20	100	5500	15.69	16.0	13.21	14.0	17.63	18.1	78.74
	116	5580	15.57	16.0	13.72	14.0	17.75	18.1	
	140	5700	14.38	15.0	12.72	13.0	16.64	17.1	
ax-HE40	102	5510	15.56	16.0	14.11	15.0	17.91	18.5	67.65
	110	5550	15.93	16.0	13.83	14.0	18.02	18.1	
	134	5670	15.52	16.0	13.86	14.0	17.78	18.1	
ax-HE80	106	5530	14.16	15.0	12.47	13.0	16.41	17.1	55.10
	122	5610	15.43	16.0	13.82	14.0	17.71	18.1	

■ U-NII-3 Band Wi-Fi

Mode	CH.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 3 Max. Tune-up Power (dBm)	Ant 2 Average Power (dBm)	Ant 2 Max. Tune-up Power (dBm)	Total Average Power (dBm)	Total Max. Tune-up Power (dBm)	Duty Cycle %
a	149	5745	15.94	16.0	14.78	15.0	18.41	18.5	90.48
	157	5785	15.73	16.0	14.54	15.0	18.19	18.5	
	165	5825	15.72	16.0	14.55	15.0	18.18	18.5	
ac-VHT20	149	5745	15.67	16.0	14.36	15.0	18.07	18.5	82.24
	157	5785	15.69	16.0	14.21	15.0	18.02	18.5	
	165	5825	15.58	16.0	14.30	15.0	18.00	18.5	
ac-VHT40	151	5755	15.43	16.0	14.23	15.0	17.88	18.5	70.44
	159	5795	15.53	16.0	14.37	15.0	18.00	18.5	
ac-VHT80	155	5775	15.08	16.0	14.10	15.0	17.63	18.5	55.99
ax-HE20	149	5745	15.23	16.0	13.92	15.0	17.63	18.5	78.74
	157	5785	15.98	16.0	14.43	15.0	18.28	18.5	
	165	5825	15.68	16.0	14.22	15.0	18.02	18.5	
ax-HE40	151	5755	15.13	16.0	14.19	15.0	17.70	18.5	67.65
	159	5795	15.83	16.0	14.87	15.0	18.39	18.5	
ax-HE80	155	5775	15.68	16.0	14.75	15.0	18.25	18.5	55.10

■ Bluetooth

Mode	CH.	Freq. (MHz)	Average Power (dBm)	Max. Tune-up Power (dBm)	Duty Cycle %
DH5	0	2402	6.75	7.0	76.89
	39	2441	7.09	7.5	
	78	2480	5.89	6.5	
2DH5	0	2402	4.27	5.0	76.87
	39	2441	4.41	5.0	
	78	2480	3.91	5.0	
3DH5	0	2402	4.39	5.0	77.11
	39	2441	4.30	5.0	
	78	2480	3.87	5.0	
LE-1Mbps	0	2402	7.49	8.0	60.32
	19	2440	7.75	8.0	
	39	2480	6.59	7.0	
LE-2Mbps	0	2402	6.77	7.0	31.04
	19	2440	7.43	8.0	
	39	2480	6.59	7.0	
LE-500Kbps	0	2402	6.71	7.0	56.32
	19	2440	7.49	8.0	
	39	2480	6.53	7.0	
LE-125Kbps	0	2402	6.87	7.0	82.69
	19	2440	7.53	8.0	
	39	2480	6.62	7.0	

■ NFC

Freq. (MHz)	Maximum Level (dB μ V/m)	Peak Power (dBm)	Max. Tune-up Power (dBm)	Duty Cycle %
13.56	56.58	-38.62	-35.0	100.00

Notes:

1. NFC field strength comes from RF report.
2. Peak Power (dBm) = Maximum Level (dB μ V/m) - 95.2.

8.3. SAR Exclusion Analysis

Per FCC KDB 447498 D01v06, the SAR exclusion threshold for frequencies below 100 MHz, the following may be considered for SAR test exclusion:

- 1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances ≤ 50 mm, the power threshold determined by the equation in 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$

Mode	Exposure Condition	Freq. (MHz)	Ant-to-user distance (mm)	Thresholds (mW)	Tune-up Power		SAR Test (Y/N)
					dBm	mW	
NFC	Body	13.56	0	442.97	-35.0	0.0003	N

8.4. SAR Test Results

General notes:

1. For GSM mode, The GMSK EDGE configurations are grouped with GPRS and considered with respect to time-averaged maximum output power to determine compliance. The 3G SAR test reduction procedure is applied to 8-PSK EDGE with GMSK GPRS/EDGE as the primary mode, per KDB941225 D01 v03r01 section 5.3).
2. For WCDMA mode, SAR is measured using a 12.2 kbps RMC with TPC bits configured to all "1's". The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCHn configurations supported by the handset with 12.2 kbps RMC as the primary mode, per KDB941225 D01 v03r01 section 4.1.3).
3. For LTE mode, start with the largest channel bandwidth then measure SAR for QPSK with 1 and 50% 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.

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.

For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, 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.

For the other channel bandwidths used by the device in a frequency band, SAR is required only when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is $> \frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration, or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

4. For NR mode, similar to LTE, start with largest channel bandwidth then measure SAR for PI/2 BPSK with 1 and 50% 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.

For PI/2 BPSK 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.

For each modulation besides PI/2 BPSK, e.g., QPSK, 16-QAM, 64-QAM, 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 PI/2 BPSK or when the reported SAR for the PI/2 BPSK configuration is > 1.45 W/kg.

For the other channel bandwidths used by the device in a frequency band, SAR is required only when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is $> \frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration, or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

5. SAR testing for NR was conducted using Factory Test Mode software with 100% transmission. For TDD power class 2 specifically, SAR testing performed at 50% transmission under the same software mode.
6. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, 802.11g/n OFDM SAR is not required, per KDB248227 D01 v02r02 section 5.2.2 b).
7. When multiple transmission modes (802.11a/g/n/ac) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n, per KDB248227 D01 v02r02 section 5.3.2.
8. SAR measurements should be performed separately for NSA and SA modes. Since the maximum output power of NSA mode aligns with the total power level of SA mode, the SA SAR results can be considered representative of NSA mode SAR.
9. For 5G NR EN-DC mode, standalone SAR testing is required for the 5G NR NSA band at maximum power. The EN-DC SAR value is calculated by summing the standalone SAR of 5G NR (NSA mode) and the standalone SAR of LTE. This additive approach provides a more conservative compliance margin.
10. When the highest reported SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration, per KDB248227 D01 v02r02 section 5.3.4 b).
11. When SAR measurement is required for a subsequent test configuration, SAR should first be measured for the channel with highest measured output power in the subsequent test configuration; SAR for subsequent highest measured maximum output power channels in the subsequent test configuration is required only when the reported SAR of the preceding higher maximum output power channel(s) in the subsequent test configuration is > 1.2 W/kg or until all required channels are tested. For channels with the same measured maximum output power, SAR should be measured using the channel closest to the center frequency of the larger channel bandwidth channel in the initial test configuration, per KDB248227 D01 v02r02 section 5.3.4 c).

12. When the original highest measured SAR is ≥ 0.8 W/kg, only one repeated measurement is required, if the measured SAR value of the initial repeated measurement is < 1.45 W/kg with $\leq 20\%$ variation, per KDB 865664 D01 v01r04 section 2.8.1.
13. Per KDB 447498 D01 v06 section 4.4.3 a), testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz.
14. SAR evaluation for the front surface of tablet display screens are generally not necessary, per KDB 616217 D04 v01r02 section 4.3).
15. Only the back side of DUT performed reduced power SAR measurement, other side remained in full power mode to yield conservative results.

Test Site	WZ-SR3
Test Engineer	Bella Chen

■ GSM

Band	Mode	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Measured SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
850	EGPRS 2Slot	128	824.2	Back	5	Full	31.02	32.0	1.25	0.87	1.09	1
		128	824.2	Back*	5	Full	31.02	32.0	1.25	0.74	0.93	
		189	836.4	Back	5	Full	31.89	32.0	1.03	0.79	0.81	
				Left	5	Full	31.89	32.0	1.03	0.07	0.07	
				Right	5	Full	31.89	32.0	1.03	0.20	0.21	
				Top	5	Full	31.89	32.0	1.03	0.02	0.02	
		Bottom	5	Full	31.89	32.0	1.03	0.22	0.23			
251	848.8	Back	5	Full	31.37	32.0	1.16	0.72	0.83			
1900	GPRS 2Slot	512	1850.2	Back	5	Reduce	24.11	24.5	1.09	0.69	0.75	
		661	1880	Back	5	Reduce	24.32	24.5	1.04	0.94	0.98	
				Left	5	Full	28.67	29.0	1.08	0.03	0.03	
				Right	5	Full	28.67	29.0	1.08	0.48	0.52	
				Top	5	Full	28.67	29.0	1.08	0.01	0.01	
		Bottom	5	Full	28.67	29.0	1.08	0.32	0.35			
		810	1909.8	Back	5	Reduce	24.14	24.5	1.09	1.08	1.17	2
		512	1850.2	Back	14	Full	28.88	29.0	1.03	0.35	0.36	
		661	1880	Back	14	Full	28.67	29.0	1.08	0.53	0.57	
810	1909.8	Back	14	Full	28.79	29.0	1.05	0.59	0.62			

Note: " * ", repeat SAR measurement.

■ WCDMA

Band	Mode	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Measured SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 2	12.2kbps RMC	9262	1852.4	Back	5	Reduce	18.10	18.5	1.10	0.63	0.69	
		9400	1880	Back	5	Reduce	18.07	18.5	1.10	0.85	0.94	
				Left	5	Full	24.39	25.0	1.15	0.05	0.06	
				Right	5	Full	24.39	25.0	1.15	0.64	0.74	
				Top	5	Full	24.39	25.0	1.15	0.02	0.02	
				Bottom	5	Full	24.39	25.0	1.15	0.51	0.59	
		9538	1907.6	Back	5	Reduce	18.12	18.5	1.09	1.07	1.17	3
		9262	1852.4	Back	14	Full	24.41	25.0	1.15	0.53	0.61	
		9400	1880	Back	14	Full	24.39	25.0	1.15	0.66	0.76	
		9538	1907.6	Back	14	Full	24.30	25.0	1.17	0.95	1.12	
Band 4	12.2kbps RMC	1312	1712.4	Back	5	Reduce	20.01	20.5	1.12	0.66	0.74	
		1412	1732.4	Back	5	Reduce	20.00	20.5	1.12	0.75	0.84	
				Left	5	Full	24.47	25.0	1.13	0.01	0.01	
				Right	5	Full	24.47	25.0	1.13	0.46	0.52	
				Top	5	Full	24.47	25.0	1.13	0.01	0.01	
				Bottom	5	Full	24.47	25.0	1.13	0.22	0.25	
		1513	1752.6	Back	5	Reduce	20.10	20.5	1.10	0.89	0.98	4
		1312	1712.4	Back	14	Full	24.43	25.0	1.14	0.32	0.36	
1412	1732.4	Back	14	Full	24.47	25.0	1.13	0.37	0.42			
1513	1752.6	Back	14	Full	24.40	25.0	1.15	0.45	0.52			
Band 5	12.2kbps RMC	4132	826.4	Back	5	Full	23.78	24.0	1.05	0.77	0.81	
		4182	836.4	Back	5	Full	23.77	24.0	1.05	0.78	0.82	5
				Left	5	Full	23.77	24.0	1.05	0.09	0.09	
				Right	5	Full	23.77	24.0	1.05	0.23	0.24	
				Top	5	Full	23.77	24.0	1.05	0.03	0.03	
				Bottom	5	Full	23.77	24.0	1.05	0.22	0.23	
4233	846.6	Back	5	Full	23.74	24.0	1.06	0.75	0.80			

■ LTE

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 4	QPSK	20	1RB_O S99	20050	1720	Back	5	Reduce	19.60	20.5	1.23	0.74	0.91	
				20175	1732.5	Back	5	Reduce	19.55	20.5	1.24	0.81	1.01	
						Left	5	Full	23.25	24.0	1.19	0.01	0.01	
						Right	5	Full	23.25	24.0	1.19	0.39	0.46	
						Top	5	Full	23.25	24.0	1.19	0.02	0.02	
						Bottom	5	Full	23.25	24.0	1.19	0.18	0.21	
				20300	1745	Back	5	Reduce	19.50	20.5	1.26	0.88	1.11	6
				20050	1720	Back	14	Full	23.31	24.0	1.17	0.32	0.38	
				20175	1732.5	Back	14	Full	23.25	24.0	1.19	0.37	0.44	
			20300	1745	Back	14	Full	23.29	24.0	1.18	0.41	0.48		
			50RB_ OS50	20050	1720	Back	5	Reduce	18.58	19.5	1.24	0.71	0.88	
				20175	1732.5	Back	5	Reduce	18.69	19.5	1.21	0.79	0.95	
						Left	5	Full	22.44	23.0	1.14	0.01	0.01	
						Right	5	Full	22.44	23.0	1.14	0.31	0.35	
						Top	5	Full	22.44	23.0	1.14	0.02	0.02	
						Bottom	5	Full	22.44	23.0	1.14	0.15	0.17	
				20300	1745	Back	5	Reduce	18.63	19.5	1.22	0.87	1.06	
				20050	1720	Back	14	Full	22.39	23.0	1.15	0.26	0.30	
			20175	1732.5	Back	14	Full	22.44	23.0	1.14	0.28	0.32		
			20300	1745	Back	14	Full	22.27	23.0	1.18	0.32	0.38		
100RB_ _OS0	20300	1745	Back	5	Reduce	18.66	19.5	1.21	0.85	1.03				
	20300	1745	Back	14	Full	22.34	23.0	1.16	0.31	0.36				

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 7	QPSK	20	1RB_OS0	20850	2510	Back	5	Reduce	21.09	22.0	1.23	0.65	0.80	
				21100	2535	Back	5	Reduce	21.25	22.0	1.19	0.81	0.96	
						Left	5	Full	23.61	24.5	1.23	0.01	0.01	
						Right	5	Full	23.61	24.5	1.23	0.77	0.95	
						Top	5	Full	23.61	24.5	1.23	0.03	0.04	
						Bottom	5	Full	23.61	24.5	1.23	0.20	0.25	
				21350	2560	Back	5	Reduce	21.42	22.0	1.14	0.93	1.06	
				20850	2510	Back	14	Full	23.32	24.5	1.31	0.37	0.49	
				21100	2535	Back	14	Full	23.61	24.5	1.23	0.44	0.54	
			21350	2560	Back	14	Full	23.68	24.5	1.21	0.48	0.58		
			50RB_OS0	20850	2510	Back	5	Reduce	20.26	21.0	1.19	0.65	0.77	
				21100	2535	Back	5	Reduce	20.56	21.0	1.11	0.74	0.82	
						Left	5	Full	22.71	23.5	1.20	0.01	0.01	
						Right	5	Full	22.71	23.5	1.20	0.68	0.82	
						Top	5	Full	22.71	23.5	1.20	0.03	0.04	
						Bottom	5	Full	22.71	23.5	1.20	0.17	0.20	
				21350	2560	Back	5	Reduce	20.66	21.0	1.08	0.91	0.98	
				20850	2510	Back	14	Full	22.49	23.5	1.26	0.32	0.40	
				21100	2535	Back	14	Full	22.71	23.5	1.20	0.37	0.44	
			21350	2560	Back	14	Full	22.87	23.5	1.16	0.40	0.46		
100RB_OS0	21350	2560	Back	5	Reduce	20.60	21.0	1.10	1.02	1.12	7			
	21350	2560	Back	14	Full	22.86	23.5	1.16	0.41	0.48				

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 12	QPSK	10	1RB_OS24	23095	707.5	Back	5	Full	23.16	23.5	1.08	0.45	0.49	8
						Left	5	Full	23.16	23.5	1.08	0.03	0.03	
						Right	5	Full	23.16	23.5	1.08	0.17	0.18	
						Top	5	Full	23.16	23.5	1.08	0.02	0.02	
						Bottom	5	Full	23.16	23.5	1.08	0.10	0.11	
			25RB_OS25	23095	707.5	Back	5	Full	22.10	22.5	1.10	0.39	0.43	
						Left	5	Full	22.10	22.5	1.10	0.02	0.02	
						Right	5	Full	22.10	22.5	1.10	0.14	0.15	
						Top	5	Full	22.10	22.5	1.10	0.01	0.01	
						Bottom	5	Full	22.10	22.5	1.10	0.08	0.09	
Band 13	QPSK	10	1RB_OS0	23230	782	Back	5	Full	22.95	23.5	1.14	0.19	0.22	9
						Left	5	Full	22.95	23.5	1.14	0.01	0.01	
						Right	5	Full	22.95	23.5	1.14	0.07	0.08	
						Top	5	Full	22.95	23.5	1.14	0.01	0.01	
						Bottom	5	Full	22.95	23.5	1.14	0.02	0.02	
			25RB_OS25	23230	782	Back	5	Full	22.09	22.5	1.10	0.17	0.19	
						Left	5	Full	22.09	22.5	1.10	0.01	0.01	
						Right	5	Full	22.09	22.5	1.10	0.06	0.07	
						Top	5	Full	22.09	22.5	1.10	0.01	0.01	
						Bottom	5	Full	22.09	22.5	1.10	0.01	0.01	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 25	QPSK	20	1RB_OS99	26140	1860	Back	5	Reduce	17.40	18.5	1.29	0.65	0.84	
				26365	1882.5	Back	5	Reduce	17.48	18.5	1.26	0.81	1.02	
						Left	5	Full	23.20	24.0	1.20	0.03	0.04	
						Right	5	Full	23.20	24.0	1.20	0.55	0.66	
						Top	5	Full	23.20	24.0	1.20	0.01	0.01	
						Bottom	5	Full	23.20	24.0	1.20	0.39	0.47	
				26590	1905	Back	5	Reduce	17.47	18.5	1.27	0.92	1.17	10
				26140	1860	Back	14	Full	23.02	24.0	1.25	0.55	0.69	
				26365	1882.5	Back	14	Full	23.20	24.0	1.20	0.71	0.85	
			26590	1905	Back	14	Full	23.12	24.0	1.22	0.88	1.08		
			50RB_OS50	26140	1860	Back	5	Reduce	16.59	17.5	1.23	0.66	0.81	
				26365	1882.5	Back	5	Reduce	16.66	17.5	1.21	0.83	1.01	
						Left	5	Full	22.26	23.0	1.19	0.03	0.04	
						Right	5	Full	22.26	23.0	1.19	0.44	0.52	
						Top	5	Full	22.26	23.0	1.19	0.01	0.01	
						Bottom	5	Full	22.26	23.0	1.19	0.33	0.39	
				26590	1905	Back	5	Reduce	16.68	17.5	1.21	0.95	1.15	
				26140	1860	Back	14	Full	22.19	23.0	1.21	0.42	0.51	
				26365	1882.5	Back	14	Full	22.26	23.0	1.19	0.57	0.68	
			26590	1905	Back	14	Full	22.25	23.0	1.19	0.69	0.82		
100RB_OS0	26365	1882.5	Back	5	Reduce	16.62	17.5	1.22	0.82	1.00				
	26365	1882.5	Back	14	Full	22.35	23.0	1.16	0.54	0.63				
Band 26	QPSK	15	1RB_OS0	26865	831.5	Back	5	Full	22.86	23.5	1.16	0.61	0.71	11
						Left	5	Full	22.86	23.5	1.16	0.05	0.06	
						Right	5	Full	22.86	23.5	1.16	0.08	0.09	
						Top	5	Full	22.86	23.5	1.16	0.01	0.01	
						Bottom	5	Full	22.86	23.5	1.16	0.21	0.24	
			36RB_OS39	26865	831.5	Back	5	Full	21.90	22.5	1.15	0.51	0.59	
						Left	5	Full	21.90	22.5	1.15	0.04	0.05	
						Right	5	Full	21.90	22.5	1.15	0.11	0.13	
						Top	5	Full	21.90	22.5	1.15	0.01	0.01	
						Bottom	5	Full	21.90	22.5	1.15	0.17	0.20	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 66	QPSK	20	1RB_OS99	132072	1720	Back	5	Reduce	19.00	20.0	1.26	0.61	0.77	
				132322	1745	Back	5	Reduce	19.14	20.0	1.22	0.74	0.90	
						Left	5	Full	22.81	24.0	1.32	0.01	0.01	
						Right	5	Full	22.81	24.0	1.32	0.42	0.55	
						Top	5	Full	22.81	24.0	1.32	0.02	0.03	
						Bottom	5	Full	22.81	24.0	1.32	0.18	0.24	
				132572	1770	Back	5	Reduce	19.07	20.0	1.24	0.88	1.09	12
				132072	1720	Back	14	Full	22.72	24.0	1.34	0.28	0.38	
				132322	1745	Back	14	Full	22.81	24.0	1.32	0.37	0.49	
			132572	1770	Back	14	Full	22.83	24.0	1.31	0.46	0.60		
			50RB_OS50	132072	1720	Back	5	Reduce	18.12	19.0	1.22	0.58	0.71	
				132322	1745	Back	5	Reduce	18.19	19.0	1.21	0.65	0.78	
						Left	5	Full	21.88	23.0	1.29	0.01	0.01	
						Right	5	Full	21.88	23.0	1.29	0.33	0.43	
						Top	5	Full	21.88	23.0	1.29	0.01	0.01	
						Bottom	5	Full	21.88	23.0	1.29	0.14	0.18	
				132572	1770	Back	5	Reduce	18.13	19.0	1.22	0.78	0.95	
				132072	1720	Back	14	Full	21.78	23.0	1.32	0.23	0.30	
				132322	1745	Back	14	Full	21.88	23.0	1.29	0.30	0.39	
			132572	1770	Back	14	Full	21.81	23.0	1.32	0.36	0.47		
100RB_OS0	132072	1720	Back	5	Reduce	18.12	19.0	1.22	0.62	0.76				
	132322	1745	Back	14	Full	21.91	22.5	1.15	0.28	0.32				

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 41	QPSK	20	1RB_OS0	39750	2506	Back	5	Full	23.10	24.0	1.23	0.80	0.98	
				40185	2549.5	Back	5	Full	23.22	24.0	1.20	1.01	1.21	
				40620	2593	Back	5	Full	23.77	24.0	1.05	1.23	1.30	
						Left	5	Full	23.77	24.0	1.05	0.01	0.01	
						Right	5	Full	23.77	24.0	1.05	0.61	0.64	
						Top	5	Full	23.77	24.0	1.05	0.05	0.05	
				Bottom	5	Full	23.77	24.0	1.05	0.22	0.23			
				41055	2636.5	Back	5	Full	23.26	24.0	1.19	1.16	1.38	
				41490	2680	Back	5	Full	23.48	24.0	1.13	1.23	1.39	13
			41490	2680	Back*	5	Full	23.48	24.0	1.13	1.18	1.33		
			50RB_OS0	39750	2506	Back	5	Full	20.31	23.0	1.86	0.41	0.76	
				40185	2549.5	Back	5	Full	22.49	23.0	1.12	0.78	0.88	
				40620	2593	Back	5	Full	22.59	23.0	1.10	0.98	1.08	
						Left	5	Full	22.59	23.0	1.10	0.01	0.01	
						Right	5	Full	22.59	23.0	1.10	0.48	0.53	
						Top	5	Full	22.59	23.0	1.10	0.04	0.04	
				Bottom	5	Full	22.59	23.0	1.10	0.18	0.20			
			41055	2636.5	Back	5	Full	22.35	23.0	1.16	0.98	1.14		
			41490	2680	Back	5	Full	22.42	23.0	1.14	0.99	1.13		
			100RB_OS0	41490	2680	Back	5	Full	22.45	23.0	1.14	1.10	1.25	

Note: " * ", repeat SAR measurement.

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
Band 42	QPSK	20	1RB_OS0	42190	3460	Back	5	Full	22.82	23.5	1.17	0.72	0.84	14
				42590	3500	Back	5	Full	22.79	23.5	1.18	0.70	0.82	
						Left	5	Full	22.79	23.5	1.18	0.35	0.41	
						Right	5	Full	22.79	23.5	1.18	0.01	0.01	
						Top	5	Full	22.79	23.5	1.18	0.01	0.01	
						Bottom	5	Full	22.79	23.5	1.18	0.17	0.20	
				42990	3540	Back	5	Full	22.58	23.5	1.24	0.64	0.79	
			50RB_OS0	42190	3460	Back	5	Full	21.86	22.5	1.16	0.68	0.79	
				42590	3500	Back	5	Full	21.93	22.5	1.14	0.61	0.70	
						Left	5	Full	21.93	22.5	1.14	0.29	0.33	
						Right	5	Full	21.93	22.5	1.14	0.01	0.01	
						Top	5	Full	21.93	22.5	1.14	0.01	0.01	
						Bottom	5	Full	21.93	22.5	1.14	0.18	0.21	
				42990	3540	Back	5	Full	21.82	22.5	1.17	0.63	0.74	
			100RB_OS0	42190	3460	Back	5	Full	21.90	22.5	1.15	0.68	0.78	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot#
Band 43	QPSK	20	1RB_OS0	44690	3710	Back	5	Reduce	19.11	20.5	1.38	0.94	1.29	15
				45090	3750	Back	5	Reduce	19.36	20.5	1.30	0.91	1.18	
						Left	5	Full	23.23	24.0	1.19	0.95	1.13	
						Right	5	Full	23.23	24.0	1.19	0.01	0.01	
						Top	5	Full	23.23	24.0	1.19	0.01	0.01	
						Bottom	5	Full	23.23	24.0	1.19	0.55	0.66	
				45490	3790	Back	5	Reduce	19.39	20.5	1.29	0.97	1.25	
				44690	3710	Back	12	Full	23.02	24.0	1.25	0.36	0.45	
				45090	3750	Back	12	Full	23.23	24.0	1.19	0.44	0.53	
			45490	3790	Back	12	Full	23.26	24.0	1.19	0.56	0.66		
			50RB_OS24	44690	3710	Back	5	Reduce	18.21	19.5	1.35	0.87	1.17	
				45090	3750	Back	5	Reduce	18.40	19.5	1.29	0.91	1.17	
						Left	5	Full	22.43	23.0	1.14	0.77	0.88	
						Right	5	Full	22.43	23.0	1.14	0.01	0.01	
						Top	5	Full	22.43	23.0	1.14	0.01	0.01	
						Bottom	5	Full	22.43	23.0	1.14	0.45	0.51	
				45490	3790	Back	5	Reduce	18.47	19.5	1.27	0.77	0.98	
				44690	3710	Back	12	Full	22.22	23.0	1.20	0.31	0.37	
				45090	3750	Back	12	Full	22.43	23.0	1.14	0.37	0.42	
			45490	3790	Back	12	Full	22.58	23.0	1.10	0.40	0.44		
100RB_OS0	45490	3790	Back	5	Reduce	18.45	19.5	1.27	0.88	1.12				
	45490	3790	Back	12	Full	22.47	23.0	1.13	0.40	0.45				

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Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n7	PI/2 BPSK	20	1RB_OS1_04	502000	2510	Back	5	PC 3	Reduce	21.76	22.5	1.19	0.85	1.01	
				507000	2535	Back	5	PC 3	Reduce	21.85	22.5	1.16	0.98	1.14	
						Left	5	PC 3	Full	24.02	25.0	1.25	0.01	0.01	
						Right	5	PC 3	Full	24.02	25.0	1.25	0.77	0.96	
						Top	5	PC 3	Full	24.02	25.0	1.25	0.04	0.05	
						Bottom	5	PC 3	Full	24.02	25.0	1.25	0.19	0.24	
				512000	2560	Back	5	PC 3	Reduce	22.00	22.5	1.12	1.13	1.27	
				502000	2510	Back	14	PC 3	Full	23.72	25.0	1.34	0.32	0.43	
				507000	2535	Back	14	PC 3	Full	24.02	25.0	1.25	0.38	0.48	
				512000	2560	Back	14	PC 3	Full	24.03	25.0	1.25	0.47	0.59	
			50RB_OS28	502000	2510	Back	5	PC 3	Reduce	21.49	22.5	1.26	0.89	1.12	
				507000	2535	Back	5	PC 3	Reduce	21.68	22.5	1.21	1.05	1.27	
						Left	5	PC 3	Full	23.95	25.0	1.27	0.01	0.01	
						Right	5	PC 3	Full	23.95	25.0	1.27	0.72	0.92	
						Top	5	PC 3	Full	23.95	25.0	1.27	0.03	0.04	
						Bottom	5	PC 3	Full	23.95	25.0	1.27	0.20	0.25	
				512000	2560	Back	5	PC 3	Reduce	22.00	22.5	1.12	1.17	1.31	16
				502000	2510	Back	14	PC 3	Full	23.65	25.0	1.36	0.36	0.49	
			507000	2535	Back	14	PC 3	Full	23.95	25.0	1.27	0.40	0.51		
			512000	2560	Back	14	PC 3	Full	23.99	25.0	1.26	0.50	0.63		
100R_B_OS0	507000	2535	Back	5	PC 3	Reduce	21.53	22.0	1.11	0.87	0.97				
	507000	2535	Back	14	PC 3	Full	23.54	24.0	1.11	0.38	0.42				

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n25	PI/2 BPSK	20	1RB_OS1	372000	1860	Back	5	PC 3	Reduce	17.83	18.5	1.17	0.74	0.86	
				376500	1882.5	Back	5	PC 3	Reduce	17.86	18.5	1.16	0.91	1.05	
						Left	5	PC 3	Full	23.71	25.0	1.35	0.03	0.04	
						Right	5	PC 3	Full	23.71	25.0	1.35	0.44	0.59	
						Top	5	PC 3	Full	23.71	25.0	1.35	0.01	0.01	
						Bottom	5	PC 3	Full	23.71	25.0	1.35	0.37	0.50	
						381000	1905	Back	5	PC 3	Reduce	17.90	18.5	1.15	0.90
				372000	1860	Back	14	PC 3	Full	23.68	25.0	1.36	0.44	0.60	
				376500	1882.5	Back	14	PC 3	Full	23.71	25.0	1.35	0.53	0.71	
				381000	1905	Back	14	PC 3	Full	23.73	25.0	1.34	0.73	0.98	
			50RB_OS28	372000	1860	Back	5	PC 3	Reduce	17.94	18.5	1.14	0.84	0.96	
				376500	1882.5	Back	5	PC 3	Reduce	17.83	18.5	1.17	1.00	1.17	
						Left	5	PC 3	Full	23.74	25.0	1.34	0.03	0.04	
						Right	5	PC 3	Full	23.74	25.0	1.34	0.50	0.67	
						Top	5	PC 3	Full	23.74	25.0	1.34	0.01	0.01	
						Bottom	5	PC 3	Full	23.74	25.0	1.34	0.33	0.44	
				381000	1905	Back	5	PC 3	Reduce	17.85	18.5	1.16	1.10	1.28	17
				381000	1905	Back*	5	PC 3	Reduce	17.85	18.5	1.16	1.04	1.21	
				372000	1860	Back	14	PC 3	Full	23.81	25.0	1.32	0.49	0.64	
				376500	1882.5	Back	14	PC 3	Full	23.74	25.0	1.34	0.61	0.82	
			381000	1905	Back	14	PC 3	Full	23.73	25.0	1.34	0.79	1.06		
			100R_B_OS0	372000	1860	Back	5	PC 3	Reduce	17.43	18.5	1.28	0.85	1.09	
				372000	1860	Back	14	PC 3	Full	23.31	24.0	1.17	0.43	0.50	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n26	PI/2 BPSK	20	1RB_OS1	166300	831.5	Back	5	PC 3	Full	23.55	24.0	1.11	0.65	0.72	18
						Left	5	PC 3	Full	23.55	24.0	1.11	0.05	0.06	
						Right	5	PC 3	Full	23.55	24.0	1.11	0.09	0.10	
						Top	5	PC 3	Full	23.55	24.0	1.11	0.01	0.01	
						Bottom	5	PC 3	Full	23.55	24.0	1.11	0.21	0.23	
			50RB_OS28	166300	831.5	Back	5	PC 3	Full	23.51	24.0	1.12	0.64	0.72	
						Left	5	PC 3	Full	23.51	24.0	1.12	0.05	0.06	
						Right	5	PC 3	Full	23.51	24.0	1.12	0.10	0.11	
						Top	5	PC 3	Full	23.51	24.0	1.12	0.01	0.01	
						Bottom	5	PC 3	Full	23.51	24.0	1.12	0.21	0.24	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n66	PI/2 BPSK	20	1RB_OS1_04	344000	1720	Back	5	PC 3	Reduce	19.98	20.5	1.13	0.73	0.82	
				349000	1745	Back	5	PC 3	Reduce	20.08	20.5	1.10	0.88	0.97	
						Left	5	PC 3	Full	23.79	24.0	1.05	0.01	0.01	
						Right	5	PC 3	Full	23.79	24.0	1.05	0.43	0.45	
						Top	5	PC 3	Full	23.79	24.0	1.05	0.01	0.01	
						Bottom	5	PC 3	Full	23.79	24.0	1.05	0.17	0.18	
				354000	1770	Back	5	PC 3	Reduce	19.85	20.5	1.16	1.12	1.30	
				354000	1770	Back*	5	PC 3	Reduce	19.85	20.5	1.16	1.17	1.36	19
				344000	1720	Back	14	PC 3	Full	23.83	24.0	1.04	0.34	0.35	
				349000	1745	Back	14	PC 3	Full	23.79	24.0	1.05	0.42	0.44	
			354000	1770	Back	14	PC 3	Full	23.56	24.0	1.11	0.53	0.59		
			50RB_OS28	344000	1720	Back	5	PC 3	Reduce	19.90	20.5	1.15	0.78	0.90	
				349000	1745	Back	5	PC 3	Reduce	20.05	20.5	1.11	0.90	1.00	
						Left	5	PC 3	Full	23.81	24.0	1.04	0.01	0.01	
						Right	5	PC 3	Full	23.81	24.0	1.04	0.42	0.44	
						Top	5	PC 3	Full	23.81	24.0	1.04	0.01	0.01	
						Bottom	5	PC 3	Full	23.81	24.0	1.04	0.16	0.17	
				354000	1770	Back	5	PC 3	Reduce	20.03	20.5	1.11	1.10	1.23	
				344000	1720	Back	14	PC 3	Full	23.86	24.0	1.03	0.27	0.28	
			349000	1745	Back	14	PC 3	Full	23.81	24.0	1.04	0.36	0.38		
			354000	1770	Back	14	PC 3	Full	23.73	24.0	1.06	0.47	0.50		
			100R_B_OS0	349000	1745	Back	5	PC 3	Reduce	19.52	20.0	1.12	1.06	1.18	
				344000	1720	Back	14	PC 3	Full	23.32	23.5	1.04	0.27	0.28	

Note: " * ", repeat SAR measurement.

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n41	PI/2 BPSK	100	1RB_OS1	509202	2546.01	Back	5	PC 3	Reduce	20.36	21.0	1.16	0.92	1.07	
						Left	5	PC 3	Full	24.49	25.0	1.12	0.36	0.40	
						Right	5	PC 3	Full	24.49	25.0	1.12	0.02	0.02	
						Top	5	PC 3	Full	24.49	25.0	1.12	0.06	0.07	
						Bottom	5	PC 3	Full	24.49	25.0	1.12	0.49	0.55	
				513900	2569.5	Back	5	PC 3	Reduce	20.35	21.0	1.16	1.12	1.30	
				518598	2592.99	Back	5	PC 3	Reduce	20.28	21.0	1.18	1.12	1.32	
				523302	2616.51	Back	5	PC 3	Reduce	19.93	21.0	1.28	0.91	1.16	
				528000	2640	Back	5	PC 3	Reduce	20.22	21.0	1.20	1.08	1.29	
				509202	2546.01	Back	12	PC 3	Full	24.49	25.0	1.12	0.46	0.52	
				513900	2569.5	Back	12	PC 3	Full	24.29	25.0	1.18	0.60	0.71	
				518598	2592.99	Back	12	PC 3	Full	24.27	25.0	1.18	0.62	0.73	
				523302	2616.51	Back	12	PC 3	Full	24.04	25.0	1.25	0.67	0.84	
				528000	2640	Back	12	PC 3	Full	23.85	25.0	1.30	0.65	0.85	
			135R_B_O_S69	509202	2546.01	Back	5	PC 3	Reduce	20.12	21.0	1.22	0.91	1.11	
						Left	5	PC 3	Full	24.37	25.0	1.16	0.48	0.55	
						Right	5	PC 3	Full	24.37	25.0	1.16	0.02	0.02	
						Top	5	PC 3	Full	24.37	25.0	1.16	0.06	0.07	
						Bottom	5	PC 3	Full	24.37	25.0	1.16	0.65	0.75	
				513900	2569.5	Back	5	PC 3	Reduce	20.02	21.0	1.25	0.94	1.18	
				518598	2592.99	Back	5	PC 3	Reduce	20.10	21.0	1.23	1.07	1.32	
				523302	2616.51	Back	5	PC 3	Reduce	19.89	21.0	1.29	1.00	1.29	
				528000	2640	Back	5	PC 3	Reduce	20.16	21.0	1.21	1.10	1.33	20
				509202	2546.01	Back	12	PC 3	Full	24.37	25.0	1.16	0.62	0.72	
				513900	2569.5	Back	12	PC 3	Full	24.00	25.0	1.26	0.63	0.79	
				518598	2592.99	Back	12	PC 3	Full	24.06	25.0	1.24	0.65	0.81	
523302	2616.51	Back	12	PC 3	Full	23.99	25.0	1.26	0.69	0.87					
528000	2640	Back	12	PC 3	Full	23.87	25.0	1.30	0.70	0.91					
270R_B_O_S0	509202	2546.01	Back	5	PC 3	Reduce	19.53	20.5	1.25	0.87	1.09				
	509202	2546.01	Back	12	PC 3	Full	24.25	25.0	1.19	0.65	0.77				

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n41	PI/2 BPSK	100	1RB_OS1	509202	2546.01	Back	5	PC 2	Reduce	22.86	23.5	1.16	0.94	1.09	
						Left	5	PC 2	Full	25.92	27.0	1.28	0.19	0.24	
						Right	5	PC 2	Full	25.92	27.0	1.28	0.02	0.03	
						Top	5	PC 2	Full	25.92	27.0	1.28	0.04	0.05	
						Bottom	5	PC 2	Full	25.92	27.0	1.28	0.38	0.49	
				513900	2569.5	Back	5	PC 2	Reduce	22.66	23.5	1.21	0.97	1.18	
				518598	2592.99	Back	5	PC 2	Reduce	22.81	23.5	1.17	1.17	1.37	21
				523302	2616.51	Back	5	PC 2	Reduce	22.51	23.5	1.26	1.08	1.36	
				528000	2640	Back	5	PC 2	Reduce	22.52	23.5	1.25	1.07	1.34	
				509202	2546.01	Back	12	PC 2	Full	25.92	27.0	1.28	0.29	0.37	
				513900	2569.5	Back	12	PC 2	Full	25.82	27.0	1.31	0.39	0.51	
				518598	2592.99	Back	12	PC 2	Full	25.82	27.0	1.31	0.44	0.58	
				523302	2616.51	Back	12	PC 2	Full	25.59	27.0	1.38	0.45	0.62	
				528000	2640	Back	12	PC 2	Full	25.48	27.0	1.42	0.46	0.65	
				135R_B_O_S69	509202	2546.01	Back	5	PC 2	Reduce	22.63	23.0	1.09	0.99	1.08
			Left				5	PC 2	Full	25.86	26.0	1.03	0.43	0.44	
			Right				5	PC 2	Full	25.86	26.0	1.03	0.02	0.02	
			Top				5	PC 2	Full	25.86	26.0	1.03	0.06	0.06	
			Bottom				5	PC 2	Full	25.86	26.0	1.03	0.47	0.49	
			513900		2569.5	Back	5	PC 2	Reduce	22.46	23.0	1.13	1.02	1.16	
			518598		2592.99	Back	5	PC 2	Reduce	22.46	23.0	1.13	1.01	1.14	
			523302		2616.51	Back	5	PC 2	Reduce	22.50	23.0	1.12	1.22	1.37	
			528000		2640	Back	5	PC 2	Reduce	22.41	23.0	1.15	1.19	1.36	
			509202		2546.01	Back	12	PC 2	Full	25.86	26.0	1.03	0.42	0.43	
			513900		2569.5	Back	12	PC 2	Full	25.59	26.0	1.10	0.45	0.49	
			518598		2592.99	Back	12	PC 2	Full	25.63	26.0	1.09	0.46	0.50	
			523302		2616.51	Back	12	PC 2	Full	25.56	26.0	1.11	0.48	0.53	
			528000		2640	Back	12	PC 2	Full	25.49	26.0	1.12	0.49	0.55	
			270R_B_O_S0		509202	2546.01	Back	5	PC 2	Reduce	22.10	22.5	1.10	1.10	1.21
				509202	2546.01	Back	12	PC 2	Full	25.37	26.0	1.16	0.43	0.50	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #	
n77 Part 27Q	PI/2 BPSK	100	1RB_ OS1	633334	3500.01	Back	5	PC 3	Reduce	17.65	19.5	1.53	0.38	0.58		
						Left	5	PC 3	Full	22.01	24.0	1.58	0.42	0.66	22	
						Right	5	PC 3	Full	22.01	24.0	1.58	0.01	0.02		
						Top	5	PC 3	Full	22.01	24.0	1.58	0.06	0.09		
						Bottom	5	PC 3	Full	22.01	24.0	1.58	0.39	0.62		
				633334	3500.01	Back	12	PC 3	Full	22.01	24.0	1.58	0.31	0.49		
				135R B_O S69	633334	3500.01	Back	5	PC 3	Reduce	17.24	19.0	1.50	0.39	0.58	
							Left	5	PC 3	Full	21.71	23.0	1.35	0.20	0.27	
							Right	5	PC 3	Full	21.71	23.0	1.35	0.01	0.01	
							Top	5	PC 3	Full	21.71	23.0	1.35	0.01	0.01	
			Bottom				5	PC 3	Full	21.71	23.0	1.35	0.09	0.12		
			633334	3500.01	Back	12	PC 3	Full	21.71	23.0	1.35	0.09	0.12			

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n77 Part 270	PI/2 BPSK	100	1RB_ OS1 37	650000	3750	Back	5	PC 3	Reduce	17.72	19.5	1.51	0.47	0.71	
				653000	3795	Back	5	PC 3	Reduce	17.88	19.5	1.45	0.67	0.97	
				656000	3840	Back	5	PC 3	Reduce	17.86	19.5	1.46	0.71	1.04	
						Left	5	PC 3	Full	22.48	24.0	1.42	0.74	1.05	
						Right	5	PC 3	Full	22.48	24.0	1.42	0.01	0.01	
						Top	5	PC 3	Full	22.48	24.0	1.42	0.06	0.09	
						Bottom	5	PC 3	Full	22.48	24.0	1.42	0.42	0.60	
				659000	3885	Back	5	PC 3	Reduce	17.90	19.5	1.45	0.49	0.71	
				662000	3930	Back	5	PC 3	Reduce	18.03	19.5	1.40	0.37	0.52	
				650000	3750	Left	5	PC 3	Full	22.21	24.0	1.51	0.60	0.91	
				653000	3795	Left	5	PC 3	Full	22.44	24.0	1.43	0.75	1.07	23
				659000	3885	Left	5	PC 3	Full	22.64	24.0	1.37	0.47	0.64	
				662000	3930	Left	5	PC 3	Full	22.36	24.0	1.46	0.46	0.67	
				650000	3750	Back	12	PC 3	Full	22.21	24.0	1.51	0.19	0.29	
				653000	3795	Back	12	PC 3	Full	22.44	24.0	1.43	0.39	0.56	
			656000	3840	Back	12	PC 3	Full	22.48	24.0	1.42	0.29	0.41		
			659000	3885	Back	12	PC 3	Full	22.64	24.0	1.37	0.26	0.36		
			662000	3930	Back	12	PC 3	Full	22.36	24.0	1.46	0.17	0.25		
			135R B_O S69	650000	3750	Back	5	PC 3	Reduce	17.64	19.0	1.37	0.52	0.71	
				653000	3795	Back	5	PC 3	Reduce	17.87	19.0	1.30	0.69	0.90	
				656000	3840	Back	5	PC 3	Reduce	17.89	19.0	1.29	0.66	0.85	
						Left	5	PC 3	Full	22.51	23.0	1.12	0.62	0.69	
						Right	5	PC 3	Full	22.51	23.0	1.12	0.01	0.01	
						Top	5	PC 3	Full	22.51	23.0	1.12	0.05	0.06	
						Bottom	5	PC 3	Full	22.51	23.0	1.12	0.40	0.45	
				659000	3885	Back	5	PC 3	Reduce	18.02	19.0	1.25	0.57	0.71	
				662000	3930	Back	5	PC 3	Reduce	17.83	19.0	1.31	0.41	0.54	
				650000	3750	Back	12	PC 3	Full	22.26	23.0	1.19	0.20	0.24	
				653000	3795	Back	12	PC 3	Full	22.48	23.0	1.13	0.30	0.34	
				656000	3840	Back	12	PC 3	Full	22.51	23.0	1.12	0.30	0.34	
659000	3885	Back		12	PC 3	Full	22.62	23.0	1.09	0.27	0.29				
662000	3930	Back		12	PC 3	Full	22.40	23.0	1.15	0.18	0.21				

<Continue>

			270R	659000	3885	Back	5	PC 3	Reduce	17.38	19.0	1.45	0.59	0.86	
			B_O	659000	3885	Left	5	PC 3	Full	21.99	23.0	1.26	0.16	0.20	
			S0	659000	3885	Back	12	PC 3	Full	21.99	23.0	1.26	0.21	0.26	

Test Band	Test Mode	BW (MHz)	RB Set	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Power Class	Power State	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
n78 Part 27Q	PI/2 BPSK	100	1RB_ OS1	633334	3500.01	Back	5	PC 2	Reduce	21.03	22.5	1.40	0.52	0.73	24
						Left	5	PC 3	Full	22.62	24.0	1.37	0.35	0.48	
						Right	5	PC 3	Full	22.62	24.0	1.37	0.01	0.01	
						Top	5	PC 3	Full	22.62	24.0	1.37	0.04	0.05	
						Bottom	5	PC 3	Full	22.62	24.0	1.37	0.23	0.32	
			135R B_O S69	633334	3500.01	Back	5	PC 2	Reduce	20.65	22.5	1.53	0.32	0.49	
						Left	5	PC 3	Full	22.28	24.0	1.49	0.22	0.33	
						Right	5	PC 3	Full	22.28	24.0	1.49	0.01	0.01	
						Top	5	PC 3	Full	22.28	24.0	1.49	0.01	0.01	
						Bottom	5	PC 3	Full	22.28	24.0	1.49	0.11	0.16	
633334	3500.01	Back	12	PC 3	Full	22.28	24.0	1.49	0.11	0.16					
n78 Part 27O	PI/2 BPSK	100	1RB_ OS2 71	650000	3750	Back	5	PC 2	Reduce	21.80	22.5	1.17	1.15	1.35	
						Left	5	PC 3	Full	23.37	24.0	1.16	0.36	0.42	
						Right	5	PC 3	Full	23.37	24.0	1.16	0.01	0.01	
						Top	5	PC 3	Full	23.37	24.0	1.16	0.03	0.03	
						Bottom	5	PC 3	Full	23.37	24.0	1.16	0.21	0.24	
			650000	3750	Back	12	PC 3	Full	23.37	24.0	1.16	0.20	0.23		
			135R B_O S69	650000	3750	Back	5	PC 2	Reduce	21.87	22.5	1.16	1.19	1.38	
						Back*	5	PC 2	Reduce	21.87	22.5	1.16	1.19	1.38	25
						Left	5	PC 3	Full	23.29	24.0	1.18	0.36	0.42	
						Right	5	PC 3	Full	23.29	24.0	1.18	0.01	0.01	
Top	5	PC 3				Full	23.29	24.0	1.18	0.03	0.04				
Bottom	5	PC 3	Full	23.29	24.0	1.18	0.21	0.25							
650000	3750	Back	12	PC 3	Full	23.29	24.0	1.18	0.18	0.21					
270R B_O S0	650000	3750	Back	5	PC 2	Reduce	21.23	22.5	1.34	0.70	0.94				
			Back	12	PC 3	Full	22.77	23.0	1.05	0.17	0.18				

Notes:

- In n78 full power mode, PC3 and PC2 share the same power level; however, PC2 operates with a 50% duty cycle. Therefore, only PC3 requires evaluation for full power mode.
- In n78 reduced power mode, n78 PC3 is covered by n77 PC3. Therefore, only PC2 requires evaluation for reduced power mode.

■ Wi-Fi - Ant 3

Test Band	Test Mode	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Duty Cycle (%)	Duty Cycle Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
DTS	b	1	2412	Back	5	18.29	19.0	1.18	98.28	1.02	0.46	0.55	
		6	2437	Back	5	18.63	19.0	1.09	98.28	1.02	0.59	0.65	26
				Left	5	18.63	19.0	1.09	98.28	1.02	0.17	0.19	
				Right	5	18.63	19.0	1.09	98.28	1.02	0.06	0.07	
				Top	5	18.63	19.0	1.09	98.28	1.02	0.53	0.59	
				Bottom	5	18.63	19.0	1.09	98.28	1.02	0.03	0.03	
		11	2462	Back	5	18.55	19.0	1.11	98.28	1.02	0.56	0.63	
U-NII-2A	a	52	5260	Back	5	15.88	16.0	1.03	90.48	1.11	0.39	0.44	
		60	5300	Back	5	15.87	16.0	1.03	90.48	1.11	0.27	0.31	
				Left	5	15.87	16.0	1.03	90.48	1.11	0.10	0.11	
				Right	5	15.87	16.0	1.03	90.48	1.11	0.01	0.01	
				Top	5	15.87	16.0	1.03	90.48	1.11	0.07	0.08	
				Bottom	5	15.87	16.0	1.03	90.48	1.11	0.01	0.01	
		64	5320	Back	5	15.06	16.0	1.24	90.48	1.11	0.33	0.45	27
U-NII-2C	a	100	5500	Back	5	15.52	16.0	1.12	90.48	1.11	0.27	0.33	
				Left	5	15.52	16.0	1.12	90.48	1.11	0.09	0.11	
				Right	5	15.52	16.0	1.12	90.48	1.11	0.01	0.01	
				Top	5	15.52	16.0	1.12	90.48	1.11	0.13	0.16	
				Bottom	5	15.52	16.0	1.12	90.48	1.11	0.01	0.01	
		116	5580	Back	5	15.27	16.0	1.18	90.48	1.11	0.30	0.39	28
		140	5700	Back	5	13.64	16.0	1.72	90.48	1.11	0.19	0.36	
U-NII-3	a	149	5745	Back	5	15.94	16.0	1.01	90.48	1.11	0.47	0.53	29
				Left	5	15.94	16.0	1.01	90.48	1.11	0.17	0.19	
				Right	5	15.94	16.0	1.01	90.48	1.11	0.04	0.04	
				Top	5	15.94	16.0	1.01	90.48	1.11	0.18	0.20	
				Bottom	5	15.94	16.0	1.01	90.48	1.11	0.01	0.01	
		157	5785	Back	5	15.73	16.0	1.06	90.48	1.11	0.41	0.48	
		165	5825	Back	5	15.72	16.0	1.07	90.48	1.11	0.37	0.44	

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DTS	BLE 1Mbps	0	2402	Back	5	7.49	8.0	1.12	60.32	1.66	0.01	0.02	30
		19	2440	Back	5	7.75	8.0	1.06	60.32	1.66	0.01	0.02	
				Left	5	7.75	8.0	1.06	60.32	1.66	0.01	0.02	
				Right	5	7.75	8.0	1.06	60.32	1.66	0.01	0.02	
				Top	5	7.75	8.0	1.06	60.32	1.66	0.01	0.02	
				Bottom	5	7.75	8.0	1.06	60.32	1.66	0.01	0.02	
		39	2480	Back	5	6.59	7.0	1.10	60.32	1.66	0.01	0.02	
DSS	DH5	0	2402	Back	5	6.75	7.0	1.06	76.89	1.30	0.01	0.01	
		39	2441	Back	5	7.09	7.5	1.10	76.89	1.30	0.01	0.01	
				Left	5	7.09	7.5	1.10	76.89	1.30	0.01	0.01	
				Right	5	7.09	7.5	1.10	76.89	1.30	0.01	0.01	
				Top	5	7.09	7.5	1.10	76.89	1.30	0.01	0.01	
				Bottom	5	7.09	7.5	1.10	76.89	1.30	0.01	0.01	
		78	2480	Back	5	5.89	6.5	1.15	76.89	1.30	0.02	0.03	31

■ Wi-Fi - Ant 2

Test Band	Test Mode	CH.	Freq. (MHz)	Test Position	Dist. (mm)	Cond. Power (dBm)	Max. Tune-up Power (dBm)	Scaling Factor	Duty Cycle (%)	Duty Cycle Factor	Meas. SAR-1g (W/kg)	Reported SAR-1g (W/kg)	SAR Plot #
DTS	b	1	2412	Back	5	17.14	18.5	1.37	98.28	1.02	0.44	0.61	32
		6	2437	Back	5	18.23	18.5	1.06	98.28	1.02	0.50	0.54	
				Left	5	18.23	18.5	1.06	98.28	1.02	0.17	0.18	
				Right	5	18.23	18.5	1.06	98.28	1.02	0.06	0.06	
				Top	5	18.23	18.5	1.06	98.28	1.02	0.46	0.50	
				Bottom	5	18.23	18.5	1.06	98.28	1.02	0.01	0.01	
		11	2462	Back	5	18.04	18.5	1.11	98.28	1.02	0.53	0.60	
U-NII-2A	a	52	5260	Back	5	12.97	14.0	1.27	90.48	1.11	0.54	0.76	33
		60	5300	Back	5	13.03	14.0	1.25	90.48	1.11	0.47	0.65	
				Left	5	13.03	14.0	1.25	90.48	1.11	0.10	0.14	
				Right	5	13.03	14.0	1.25	90.48	1.11	0.01	0.01	
				Top	5	13.03	14.0	1.25	90.48	1.11	0.40	0.55	
				Bottom	5	13.03	14.0	1.25	90.48	1.11	0.01	0.01	
		64	5320	Back	5	12.70	13.0	1.07	90.48	1.11	0.46	0.54	
U-NII-2C	a	100	5500	Back	5	13.66	15.0	1.36	90.48	1.11	0.63	0.95	
				Left	5	13.66	15.0	1.36	90.48	1.11	0.09	0.14	
				Right	5	13.66	15.0	1.36	90.48	1.11	0.01	0.02	
				Top	5	13.66	15.0	1.36	90.48	1.11	0.71	1.07	34
				Bottom	5	13.66	15.0	1.36	90.48	1.11	0.01	0.02	
		116	5580	Top	5	13.30	15.0	1.48	90.48	1.11	0.58	0.95	
140	5700	Top	5	11.90	14.0	1.62	90.48	1.11	0.38	0.68			
U-NII-3	a	149	5745	Back	5	14.78	15.0	1.05	90.48	1.11	0.85	0.99	
				Left	5	14.78	15.0	1.05	90.48	1.11	0.17	0.20	
				Right	5	14.78	15.0	1.05	90.48	1.11	0.04	0.05	
				Top	5	14.78	15.0	1.05	90.48	1.11	0.92	1.07	
				Top*	5	14.78	15.0	1.05	90.48	1.11	0.97	1.13	35
				Bottom	5	14.78	15.0	1.05	90.48	1.11	0.01	0.01	
		157	5785	Top	5	14.54	15.0	1.11	90.48	1.11	0.86	1.06	
		165	5825	Top	5	14.55	15.0	1.11	90.48	1.11	0.60	0.74	

Note: " * ", repeat SAR measurement.

8.5. Estimated SAR Calculation

Per FCC KDB 447498 D01v06 section 4.3.2 b) 1), when an antenna qualifies for the standalone SAR test exclusion of 4.3.1 and also transmits simultaneously with other antennas, the standalone SAR value was estimated according to the following formula to result in substantially conservative SAR values of $\leq 0.4\text{W/kg}$ for test separation distance $\leq 50\text{mm}$ to determine the simultaneous transmission SAR test exclusion criteria:

$$\text{Estimated SAR} = \frac{\sqrt{f(\text{GHz})}}{7.5} * \frac{(\text{Max Power of channel, mW})}{\text{Min. Separation, mm}}, \text{ for 1-g SAR}$$

$$\text{Estimated SAR} = \frac{\sqrt{f(\text{GHz})}}{18.75} * \frac{(\text{Max Power of channel, mW})}{\text{Min. Separation, mm}}, \text{ for 10-g SAR}$$

When the test separation distance is $> 50\text{ mm}$, estimated 1g-SAR 0.4W/kg /10g-SAR 1.0W/kg is used for simultaneous evaluation.

Exposure Condition	Test Mode	Freq. (MHz)	Test Position	Ant-to-user Distance (mm)	Tune-up Power (dBm)	Tune-up Power (mW)	Estimated 1-gSAR (W/kg)
Body	NFC	13.56	Back	5	-35.0	0.0003	< 0.001
			Left	5	-35.0	0.0003	< 0.001
			Right	5	-35.0	0.0003	< 0.001
			Top	5	-35.0	0.0003	< 0.001
			Bottom	5	-35.0	0.0003	< 0.001

Note: The NFC SAR value is sufficiently low to directly meet simultaneous transmission requirements.

9. Simultaneous Transmission Analysis

■ SA Mode

Test Position	Summed SAR(W/kg)									
	1	2	3	4	5	6	1+2+3	Case	1+4+5+6	Case
WWAN	2.4GHz (ANT3)	2.4GHz (ANT2)	5GHz (ANT3)	5GHz (ANT2)	BT					
Back	1.39	0.65	0.61	0.53	0.99	0.03	2.65	1	2.94	2
Left	1.13	0.19	0.18	0.19	0.20	0.02	1.32	--	1.35	--
Right	0.96	0.07	0.06	0.04	0.05	0.02	1.03	--	1.03	--
Top	0.09	0.59	0.50	0.20	1.13	0.02	1.18	--	1.44	--
Bottom	0.75	0.03	0.01	0.01	0.02	0.02	0.79	--	0.80	--

■ EN-DC Mode

Combination	Test Position	Summed SAR(W/kg)										
		1	2	3	4	5	6	7	1+2+3+4	Case	1+2+5+6+7	Case
LTE (ANT0)	NR (ANT1)	2.4GHz (ANT3)	2.4GHz (ANT2)	5GHz (ANT3)	5GHz (ANT2)	BT						
2A(5A/7A)/41A(66A)-n77A	Back	1.39	1.04	0.65	0.61	0.53	0.99	0.03	3.69	3	3.98	4
	Left	0.06	1.07	0.19	0.18	0.19	0.20	0.02	1.32	--	1.35	--
	Right	0.95	0.02	0.07	0.06	0.04	0.05	0.02	1.04	--	1.04	--
	Top	0.05	0.09	0.59	0.50	0.20	1.13	0.02	1.23	--	1.49	--
	Bottom	0.47	0.62	0.03	0.01	0.01	0.02	0.02	1.13	--	1.14	--
2A(5A/7A)/26A(38A)/41A(66A)-n78A	Back	1.39	1.38	0.65	0.61	0.53	0.99	0.03	4.03	5	4.32	6
	Left	0.06	0.48	0.19	0.18	0.19	0.20	0.02	0.73	--	0.76	--
	Right	0.95	0.01	0.07	0.06	0.04	0.05	0.02	1.03	--	1.03	--
	Top	0.05	0.05	0.59	0.50	0.20	1.13	0.02	1.19	--	1.45	--
	Bottom	0.47	0.32	0.03	0.01	0.01	0.02	0.02	0.83	--	0.84	--

Case	Test Position	Test Mode	SAR(W/kg)	Distance (mm)	SPLSR
1	Back	WWAN	1.39	162.51	0.03
		2.4G(ANT2+ANT3)	1.26		
2	Back	WWAN	1.39	162.58	0.03
		5G(ANT2+ANT3)+BT	1.55		
3	Back	LTE(ANT0)	1.39	226.62	0.02
		NR(ANT1)	1.04		
	Back	LTE(ANT0)	1.39	162.51	0.03
		2.4G(ANT2+ANT3)	1.26		
	Back	NR(ANT1)	1.04	138.75	0.03
		2.4G(ANT2+ANT3)	1.26		
4	Back	LTE(ANT0)	1.39	226.62	0.02
		NR(ANT1)	1.04		
	Back	LTE(ANT0)	1.39	162.58	0.03
		5G(ANT2+ANT3)+BT	1.55		
	Back	NR(ANT1)	1.04	131.30	0.03
		5G(ANT2+ANT3)+BT	1.55		
5	Back	LTE(ANT0)	1.39	222.80	0.02
		NR(ANT1)	1.38		
	Back	LTE(ANT0)	1.39	162.51	0.03
		2.4G(ANT2+ANT3)	1.26		
	Back	NR(ANT1)	1.38	140.82	0.03
		2.4G(ANT2+ANT3)	1.26		
6	Back	LTE(ANT0)	1.39	222.80	0.02
		NR(ANT1)	1.38		
	Back	LTE(ANT0)	1.39	162.58	0.03
		5G(ANT2+ANT3)+BT	1.55		
	Back	NR(ANT1)	1.38	133.41	0.04
		5G(ANT2+ANT3)+BT	1.55		

Notes:

1. When the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR to peak location separation ratio. The ratio is determined by $(SAR1 + SAR2)^{1.5}/R_i$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion. When 10-g SAR applies, the ratio must be ≤ 0.10 .
2. The minimum separation distance between each pair of combinations is show in the plot below.

Case 1	Case 2																																																
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Grid Reference Point	associated 1g averages	Zoom Scan (D:\MRT Reprt Data\2025\R25S1020041-Honeywell_EDA10A-1\5mm\LTE\LTE Band 41 High Q... Max. 1 at (-75.40, 108.40, -1.08) mm	1.39 W/kg (Power Scale Factor: 1.13)	Zoom Scan (D:\MRT Reprt Data\2025\R25S1020041-Honeywell_EDA10A-1\N7 PC2 Mid BPSK_100M... Max. 2 at (-74.60, -114.40, -0.81) mm	1.38 W/kg (Power Scale Factor: 1.155)	Zoom Scan (D:\MRT Reprt Data\2025\R25S1020041-Honeywell_EDA10A-1\5mm\WLAN\ANT3\802.11b 2... Max. 3 at (66.20, -111.80, -0.73) mm	0.65 W/kg (Power Scale Factor: 1.1)	Zoom Scan (D:\MRT Reprt Data\2025\R25S1020041-Honeywell_EDA10A-1\5mm\WLAN\ANT2\802.11b 2... Max. 4 at (73.80, 44.00, -1.17) mm	0.61 W/kg (Power Scale Factor: 1.38)	Distances and Separation Ratios		Max. 1 - Max. 2	Distance [mm]: 222.80 / Separation ratio [W/kg/mm]: 0.02	Max. 1 - Max. 3	Distance [mm]: 261.80 / Separation ratio [W/kg/mm]: 0.01	Max. 1 - Max. 4	Distance [mm]: 162.51 / Separation ratio [W/kg/mm]: 0.02	Max. 2 - Max. 3	Distance [mm]: 140.82 / Separation ratio [W/kg/mm]: 0.02	Max. 2 - Max. 4	Distance [mm]: 217.06 / Separation ratio [W/kg/mm]: 0.01	Max. 3 - Max. 4	Distance [mm]: 155.99 / Separation ratio [W/kg/mm]: 0.01	<p>Case 6</p> <p>Find distance of maxima</p> <table border="1"> <thead> <tr> <th>Maxima and position w.r.t. Grid Reference Point</th> <th>associated 1g averages</th> </tr> </thead> <tbody> <tr> <td>Zoom Scan (D:\MRT Reprt Data\2025\R25S1020041-Honeywell_EDA10A-1\5mm\LTE\LTE Band 41 High Q... 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Max. 4 at (73.00, 42.00, -1.07) mm</td> <td>0.99 W/kg (Power Scale Factor: 1.17)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Distances and Separation Ratios</th> </tr> </thead> <tbody> <tr> <td>Max. 1 - Max. 2</td> <td>Distance [mm]: 222.80 / Separation ratio [W/kg/mm]: 0.02</td> </tr> <tr> <td>Max. 1 - Max. 3</td> <td>Distance [mm]: 259.07 / Separation ratio [W/kg/mm]: 0.01</td> </tr> <tr> <td>Max. 1 - Max. 4</td> <td>Distance [mm]: 162.58 / Separation ratio [W/kg/mm]: 0.02</td> </tr> <tr> <td>Max. 2 - Max. 3</td> <td>Distance [mm]: 133.41 / Separation ratio [W/kg/mm]: 0.02</td> </tr> <tr> <td>Max. 2 - Max. 4</td> <td>Distance [mm]: 215.05 / Separation ratio [W/kg/mm]: 0.02</td> </tr> <tr> <td>Max. 3 - Max. 4</td> <td>Distance [mm]: 155.85 / Separation ratio [W/kg/mm]: 0.01</td> </tr> </tbody> </table> <p>Done</p>	Maxima and position w.r.t. 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Max. 4 at (73.00, 42.00, -1.07) mm	0.99 W/kg (Power Scale Factor: 1.17)	Distances and Separation Ratios		Max. 1 - Max. 2	Distance [mm]: 222.80 / Separation ratio [W/kg/mm]: 0.02	Max. 1 - Max. 3	Distance [mm]: 259.07 / Separation ratio [W/kg/mm]: 0.01	Max. 1 - Max. 4	Distance [mm]: 162.58 / Separation ratio [W/kg/mm]: 0.02	Max. 2 - Max. 3	Distance [mm]: 133.41 / Separation ratio [W/kg/mm]: 0.02	Max. 2 - Max. 4	Distance [mm]: 215.05 / Separation ratio [W/kg/mm]: 0.02	Max. 3 - Max. 4	Distance [mm]: 155.85 / Separation ratio [W/kg/mm]: 0.01
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The above numerical summed SAR results for all the worst-case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06.

10. Measuring Instrument

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Stäubli Robot TX60L	Stäubli	TX60L	MRTSUE06412	N/A	N/A
Robot Controller	Stäubli	CS8C	MRTSUE06412	N/A	N/A
ELI Phantom Shell	Speag	V8	MRTSUE06420	N/A	N/A
DAK	Speag	DAK-3.5	MRTSUE06435	N/A	N/A
Dipole Validation Kits	Speag	D750V3	MRTSUE06426	3 years	2027-05-06
Dipole Validation Kits	Speag	D850V2	MRTSUE06427	3 years	2027-07-08
Dipole Validation Kits	Speag	D1750V2	MRTSUE06428	3 years	2027-05-07
Dipole Validation Kits	Speag	D1900V2	MRTSUE06429	3 years	2027-05-06
Dipole Validation Kits	Speag	D2450V2	MRTSUE06430	3 years	2027-05-06
Dipole Validation Kits	Speag	D2600V2	MRTSUE06431	3 years	2027-05-07
Dipole Validation Kits	Speag	D3500V2	MRTSUE06432	3 years	2028-03-16
Dipole Validation Kits	Speag	D3700V2	MRTSUE06433	3 years	2028-03-12
Dipole Validation Kits	Speag	D3900V2	MRTSUE07002	3 years	2027-08-29
Dipole Validation Kits	Speag	D5GHzV2	MRTSUE06434	3 years	2025-03-27
Data Acquisition Electronic	Speag	DAE4(SN 1552)	MRTSUE06414	1 year	2025-05-13 2026-04-26
E-Field Probe	Speag	EX3DV4(SN 7524)	MRTSUE06438	1 year	2025-09-15
Vector Network Analyzer	Keysight	P5004A	MRTSUE07146	1 year	2025-05-15 2026-04-26
Directional Coupler	Agilent	778D	MRTSUE06083	1 year	2026-03-04
Directional Coupler	Agilent	87301DOPT 292	MRTSUE06082	1 year	2026-03-04
Signal Generator	Keysight	N5183B	MRTSUE06197	1 year	2025-06-03
Power Sensor	Keysight	U2021XA	MRTSUE07144	1 year	2026-04-26
Thermohygrometer	Testo	622	MRTSUE06361	1 year	2025-05-22
Thermohygrometer	Testo	608-H1	MRTSUE11512	1 year	2026-05-21

Software	Version	Function
DASY NEO	52.10.4.1535	SAR Test Software

11. Measurement Uncertainty

DASY6 Uncertainty Budget, according to IEEE 1528 (0.3 - 3 GHz range)								
Error Description	Uncert. value	Prob. Dist.	Div.	(ci) 1g	(ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	(vi) v _{eff}
Measurement System								
Probe Calibration	±6.0 %	N	1	1	1	±6.0 %	±6.0 %	∞
Axial Isotropy	±4.7 %	R	$\sqrt{3}$	0.7	0.7	±1.9 %	±1.9 %	∞
Hemispherical Isotropy	±9.6 %	R	$\sqrt{3}$	0.7	0.7	±3.9 %	±3.9 %	∞
Boundary Effects	±1.0 %	R	$\sqrt{3}$	1	1	±0.6 %	±0.6 %	∞
Linearity	±4.7 %	R	$\sqrt{3}$	1	1	±2.7 %	±2.7 %	∞
System Detection Limits	±1.0 %	R	$\sqrt{3}$	1	1	±0.6 %	±0.6 %	∞
Modulation Response	±2.4 %	R	$\sqrt{3}$	1	1	±1.4 %	±1.4 %	∞
Readout Electronics	±0.3 %	N	1	1	1	±0.3 %	±0.3 %	∞
Response Time	±0.8 %	R	$\sqrt{3}$	1	1	±0.5 %	±0.5 %	∞
Integration Time	±2.6 %	R	$\sqrt{3}$	1	1	±1.5 %	±1.5 %	∞
RF Ambient Noise	±3.0 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
RF Ambient Reflections	±3.0 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
Probe Positioner	±0.02 %	R	$\sqrt{3}$	1	1	±0.0 %	±0.0 %	∞
Probe Positioning	±0.4 %	R	$\sqrt{3}$	1	1	±0.2 %	±0.2 %	∞
Max. SAR Eval.	±2.0 %	R	$\sqrt{3}$	1	1	±1.2 %	±1.2 %	∞
Test Sample Related								
Device Positioning	±2.9%	N	1	1	1	±2.9 %	±2.9 %	145
Device Holder	±3.6%	N	1	1	1	±3.6 %	±3.6 %	5
Power Drift	±5.0%	R	$\sqrt{3}$	1	1	±2.9 %	±2.9 %	∞
Power Scaling	±0%	R	$\sqrt{3}$	1	1	±0.0 %	±0.0 %	∞
Phantom and Setup								
Phantom Uncertainty	±6.1%	R	$\sqrt{3}$	1	1	±3.5 %	±3.5 %	∞
SAR correction	±1.9%	N	1	1	0.84	±1.9 %	±1.6 %	∞
Liquid Cond. (mea.) ^{DAK}	±2.5%	N	1	0.78	0.71	±2.0 %	±1.8 %	∞
Liquid Perm. (mea.) ^{DAK}	±2.5%	N	1	0.23	0.26	±0.6 %	±0.7 %	∞
Temp. unc. – Conductivity	±3.4%	R	$\sqrt{3}$	0.78	0.71	±1.5 %	±1.4 %	∞
Temp. unc. – Permittivity	±0.4%	R	$\sqrt{3}$	0.23	0.26	±0.1 %	±0.1 %	∞
Combined Std. Uncertainty						±11.3%	±11.2%	459
Expanded STD Uncertainty						±22.6%	±22.4%	

DASY6 Uncertainty Budget, according to IEEE 1528 (3 - 6 GHz range)								
Error Description	Uncert. value	Prob. Dist.	Div.	(ci) 1g	(ci) 10g	Std. Unc. (10g)	Std. Unc. (10g)	(vi) v _{eff}
Measurement System								
Probe Calibration	±6.55 %	N	1	1	1	±6.55 %	±6.55 %	∞
Axial Isotropy	±4.7 %	R	$\sqrt{3}$	0.7	0.7	±1.9 %	±1.9 %	∞
Hemispherical Isotropy	±9.6 %	R	$\sqrt{3}$	0.7	0.7	±3.9 %	±3.9 %	∞
Boundary Effects	±2.0 %	R	$\sqrt{3}$	1	1	±1.2 %	±1.2 %	∞
Linearity	±4.7 %	R	$\sqrt{3}$	1	1	±2.7 %	±2.7 %	∞
System Detection Limits	±1.0 %	R	$\sqrt{3}$	1	1	±0.6 %	±0.6 %	∞
Modulation Response	±2.4 %	R	$\sqrt{3}$	1	1	±1.4 %	±1.4 %	∞
Readout Electronics	±0.3 %	N	1	1	1	±0.3 %	±0.3 %	∞
Response Time	±0.8 %	R	$\sqrt{3}$	1	1	±0.5 %	±0.5 %	∞
Integration Time	±2.6 %	R	$\sqrt{3}$	1	1	±1.5 %	±1.5 %	∞
RF Ambient Noise	±3.0 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
RF Ambient Reflections	±3.0 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
Probe Positioner	±0.04 %	R	$\sqrt{3}$	1	1	±0.0 %	±0.0 %	∞
Probe Positioning	±0.8 %	R	$\sqrt{3}$	1	1	±0.5 %	±0.5 %	∞
Max. SAR Eval.	±4.0 %	R	$\sqrt{3}$	1	1	±2.3 %	±2.3 %	∞
Test Sample Related								
Device Positioning	±2.9%	N	1	1	1	±2.9 %	±2.9 %	145
Device Holder	±3.6%	N	1	1	1	±3.6 %	±3.6 %	5
Power Drift	±5.0%	R	$\sqrt{3}$	1	1	±2.9 %	±2.9 %	∞
Power Scaling	±0%	R	$\sqrt{3}$	1	1	±0.0 %	±0.0 %	∞
Phantom and Setup								
Phantom Uncertainty	±6.6%	R	$\sqrt{3}$	1	1	±3.8 %	±3.8 %	∞
SAR correction	±1.9%	N	1	1	0.84	±1.9 %	±1.6 %	∞
Liquid Cond. (mea.) ^{DAK}	±2.5%	N	1	0.78	0.71	±2.0 %	±1.8 %	∞
Liquid Perm. (mea.) ^{DAK}	±2.5%	N	1	0.23	0.26	±0.6 %	±0.7 %	∞
Temp. unc. – Conductivity	±3.4%	R	$\sqrt{3}$	0.78	0.71	±1.5 %	±1.4 %	∞
Temp. unc. – Permittivity	±0.4%	R	$\sqrt{3}$	0.23	0.26	±0.1 %	±0.1 %	∞
Combined Std. Uncertainty						±11.9%	±11.8%	569
Expanded STD Uncertainty						±23.8%	±23.6%	

Annex A - System Check Result

Test Date: 2025-05-14

SystemPerformanceCheck-SAM2-D750HSL

DUT: Dipole 750 MHz D750V3; Type: D750V3

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 42.99$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.47, 9.6, 9.06) @ 750 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (5x15x1): Measurement grid:

 $dx=15\text{mm}$, $dy=15\text{mm}$; Maximum value of SAR (measured) = 2.85 W/kg

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (5x5x7)/Cube 0: Measurement

 grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$; Reference Value = 57.04 V/m; Power Drift = -0.01 dB

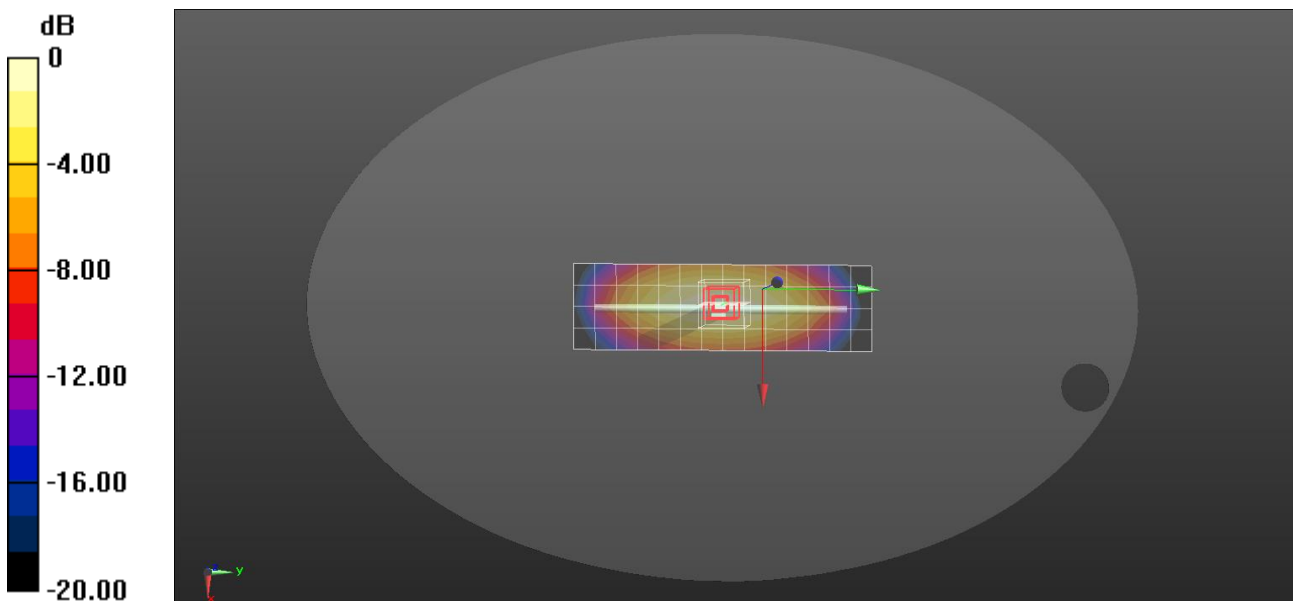
Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.51 W/kg

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.8%

Maximum value of SAR (measured) = 2.89 W/kg


 $0 \text{ dB} = 2.89 \text{ W/kg} = 4.61 \text{ dBW/kg}$

Test Date: 2025-05-14

SystemPerformanceCheck-SAM2-D850HSL
DUT: Dipole 850 MHz D850V2; Type: D850V2

Communication System: CW; Frequency: 850 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 850 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 43.27$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.11, 9.24, 8.72) @ 850 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (6x14x1): Measurement grid:

 $dx=15\text{mm}$, $dy=15\text{mm}$; Maximum value of SAR (measured) = 2.91 W/kg

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (5x5x7)/Cube 0: Measurement

 grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$; Reference Value = 59.97 V/m; Power Drift = -0.02 dB

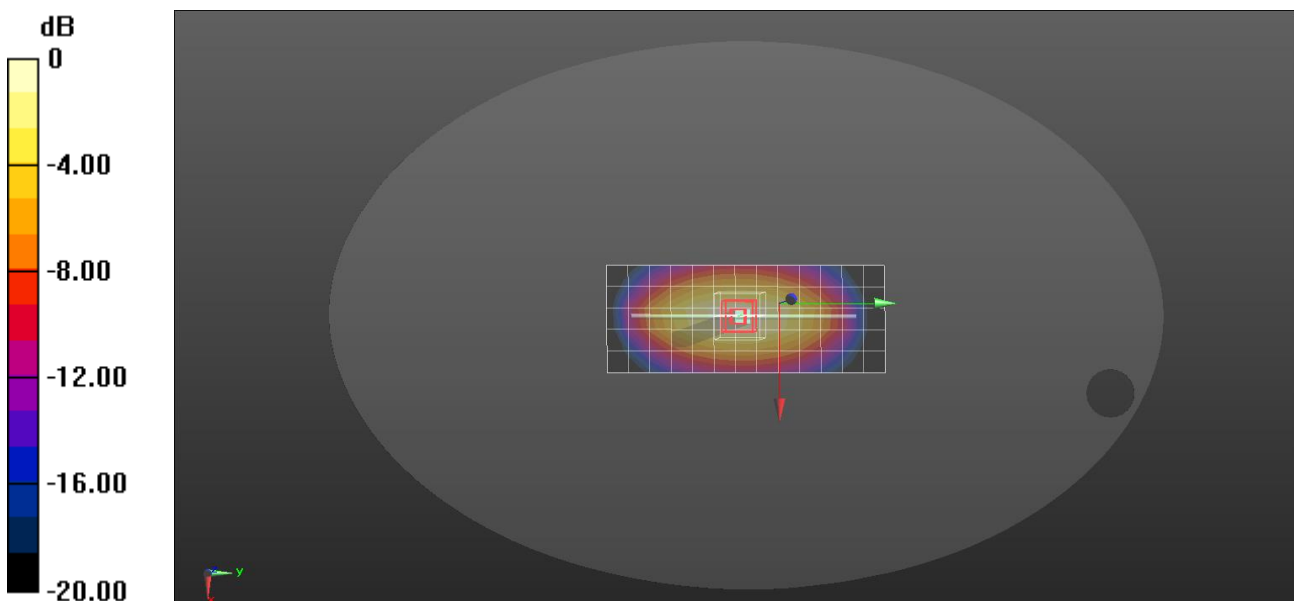
Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 69.2%

Maximum value of SAR (measured) = 3.29 W/kg


 $0 \text{ dB} = 3.29 \text{ W/kg} = 5.17 \text{ dBW/kg}$

Test Date: 2025-05-20

SystemPerformanceCheck-SAM2-D850HSL
DUT: Dipole 850 MHz D850V2; Type: D850V2

Communication System: CW; Frequency: 850 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 850 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 42.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.11, 9.24, 8.72) @ 850 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (6x14x1): Measurement grid:

 $dx=15\text{mm}$, $dy=15\text{mm}$; Maximum value of SAR (measured) = 2.97 W/kg

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (5x5x7)/Cube 0: Measurement

 grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$; Reference Value = 60.00 V/m; Power Drift = -0.02 dB

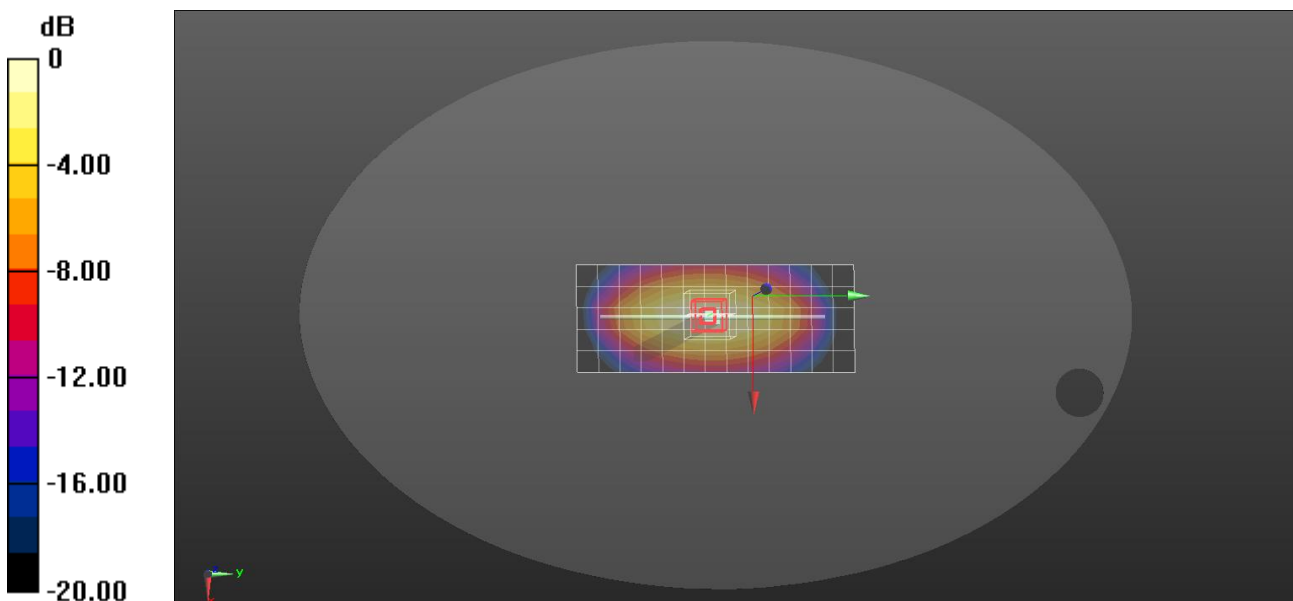
Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.71 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 3.34 W/kg


 $0 \text{ dB} = 3.34 \text{ W/kg} = 5.24 \text{ dBW/kg}$

Test Date: 2025-05-16

SystemPerformanceCheck-SAM2-D1750HSL
DUT: Dipole 1750 MHz D1750V2; Type: D1750V2

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 41.62$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(8.12, 8.23, 7.77) @ 1750 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe) 2/Area Scan (6x7x1): Measurement grid:

dx=15mm, dy=15mm; Maximum value of SAR (measured) = 9.13 W/kg

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe) 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 96.81 V/m; Power Drift = -0.07 dB

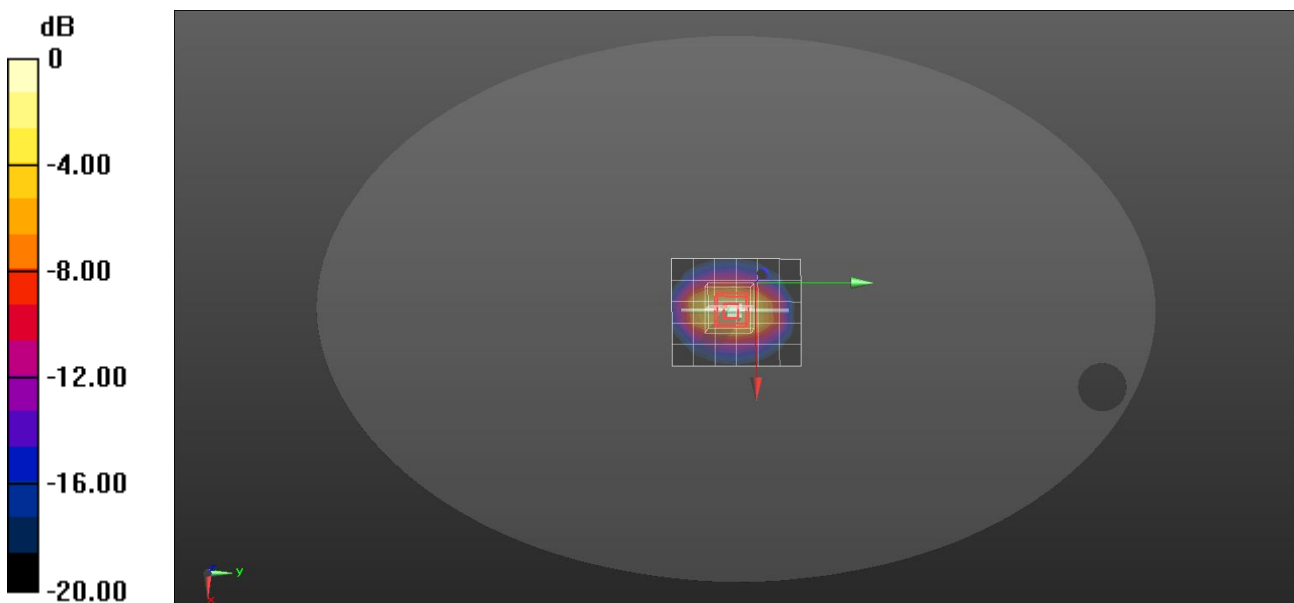
Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 8.87 W/kg; SAR(10 g) = 4.9 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg = 11.14 dBW/kg

Test Date: 2025-05-05

SystemPerformanceCheck-SAM2-D1750HSL
DUT: Dipole 1750 MHz D1750V2; Type: D1750V2

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 41.17$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(8.12, 8.23, 7.77) @ 1750 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe) 2/Area Scan (6x7x1): Measurement grid:

dx=15mm, dy=15mm; Maximum value of SAR (measured) = 11.5 W/kg

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe) 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 97.81 V/m; Power Drift = 0.12 dB

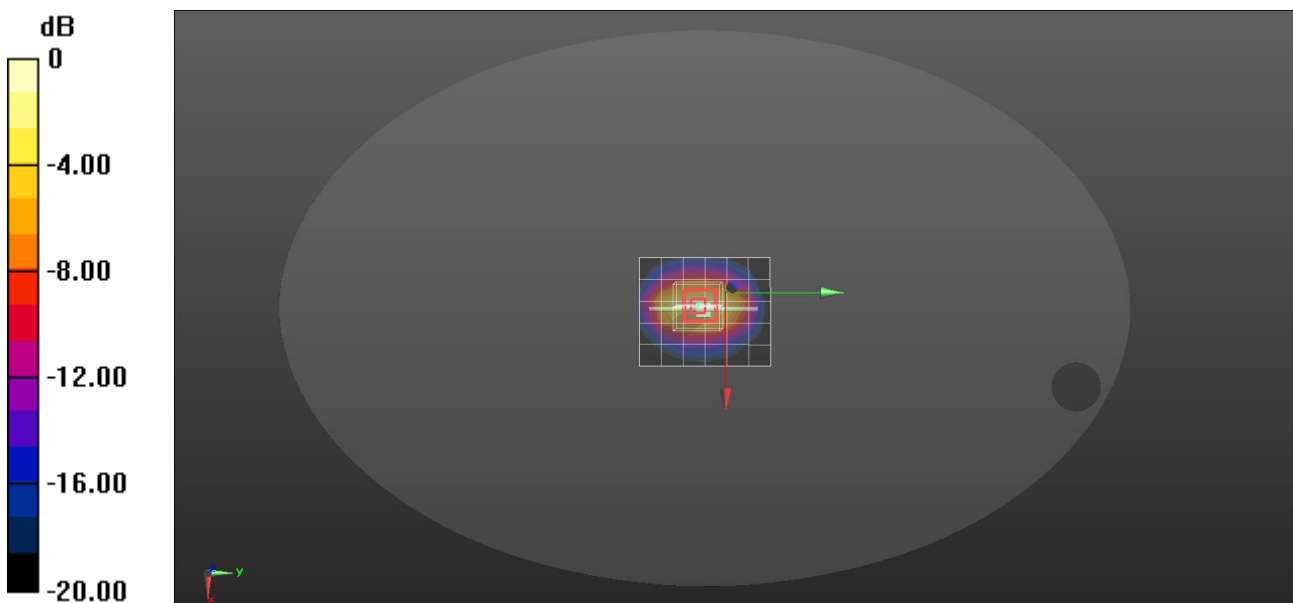
Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 9.05 W/kg; SAR(10 g) = 5 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 58.9%

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg

Test Date: 2025-05-23

SystemPerformanceCheck-SAM2-D1900HSL
DUT: Dipole 1900 MHz D1900V2; Type: D1900V2

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.84, 7.94, 7.5) @ 1900 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (6x11x1): Measurement grid:

dx=15mm, dy=15mm; Maximum value of SAR (measured) = 10.3 W/kg

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 100.9 V/m; Power Drift = -0.09 dB

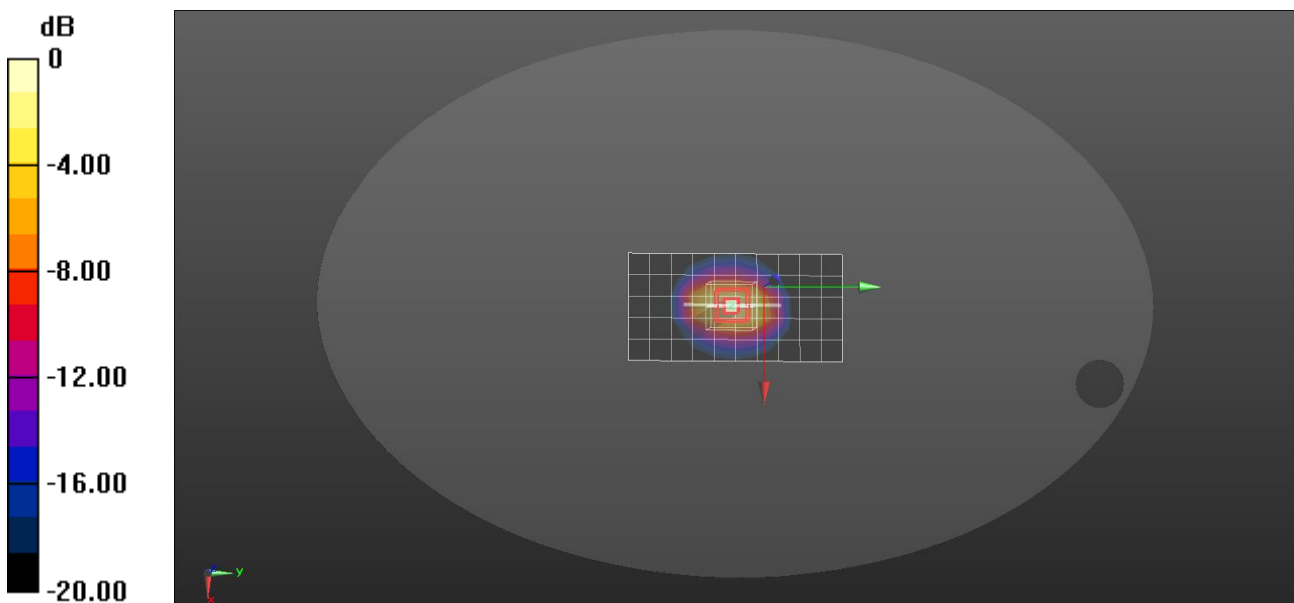
Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.5 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 58.4%

Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

Test Date: 2025-05-05

SystemPerformanceCheck-SAM2-D1900HSL
DUT: Dipole 1900 MHz D1900V2; Type: D1900V2

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 41.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.84, 7.94, 7.5) @ 1900 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (6x11x1): Measurement grid:

dx=15mm, dy=15mm; Maximum value of SAR (measured) = 13.1 W/kg

Configuration/d=15mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 100.3 V/m; Power Drift = 0.04 dB

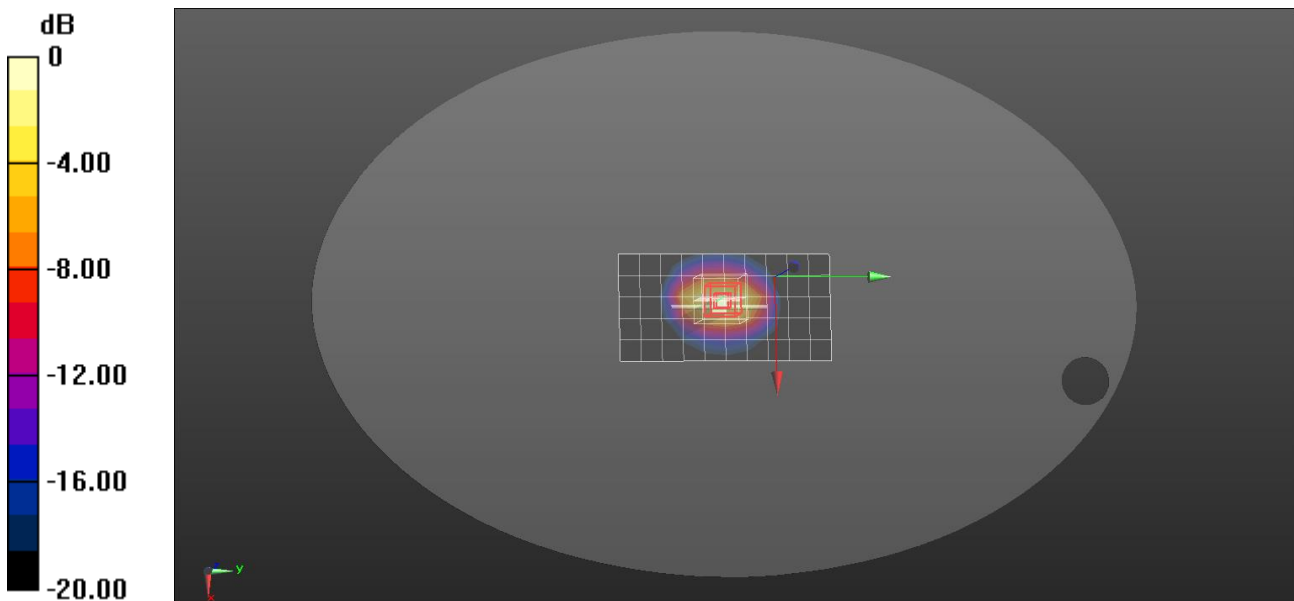
Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.47 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

Test Date: 2025-04-23

SystemPerformanceCheck-SAM2-D2450HSL
DUT: Dipole 2450 MHz D2450V2; Type: D2450V2

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 40.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.37, 7.47, 7.05) @ 2450 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (7x9x1): Measurement grid:

dx=12mm, dy=12mm; Maximum value of SAR (measured) = 19.0 W/kg

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 101.8 V/m; Power Drift = 0.03 dB

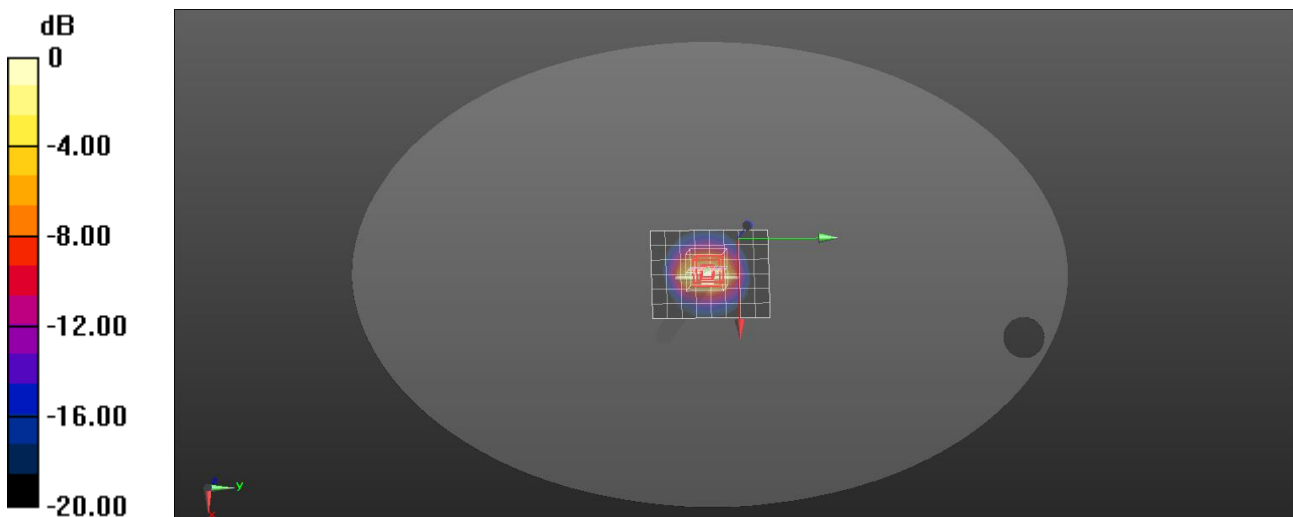
Peak SAR (extrapolated) = 23.4 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.97 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg

Test Date: 2025-05-17

SystemPerformanceCheck-SAM2-D2600HSL
DUT: Dipole 2600 MHz D2600V2; Type: D2600V2

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 40.58$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.44, 7.54, 7.12) @ 2600 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (7x9x1): Measurement grid:

dx=12mm, dy=12mm; Maximum value of SAR (measured) = 21.4 W/kg

Configuration/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 104.9 V/m; Power Drift = -0.00 dB

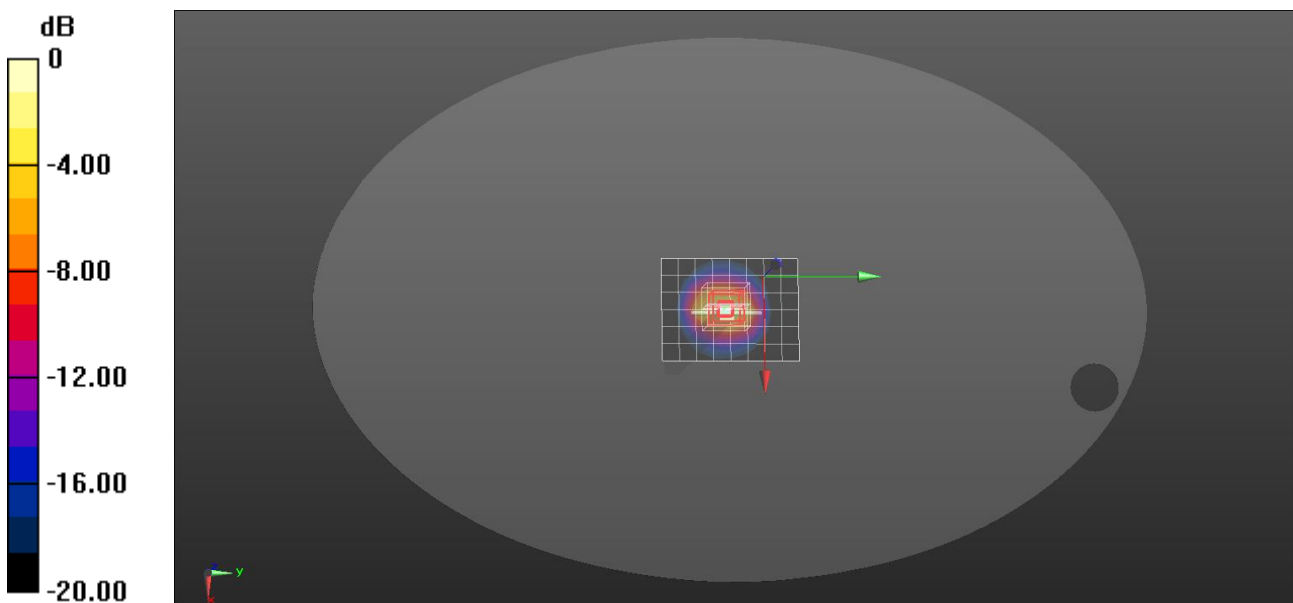
Peak SAR (extrapolated) = 27.4 W/kg

SAR(1 g) = 14 W/kg; SAR(10 g) = 6.57 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 22.9 W/kg



0 dB = 22.9 W/kg = 13.60 dBW/kg

Test Date: 2025-05-15

SystemPerformanceCheck-SAM2-D3500HSL
DUT: Dipole 3500 MHz D3500V2; Type: D3500V2

Communication System: CW; Frequency: 3500 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.71$ S/m; $\epsilon_r = 38.86$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.71, 6.81, 6.42) @ 3500 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Area Scan (6x7x1): Measurement grid:

dx=12mm, dy=12mm; Maximum value of SAR (measured) = 10.4 W/kg

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Zoom Scan (8x8x8) (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 63.82 V/m; Power Drift = 0.01 dB

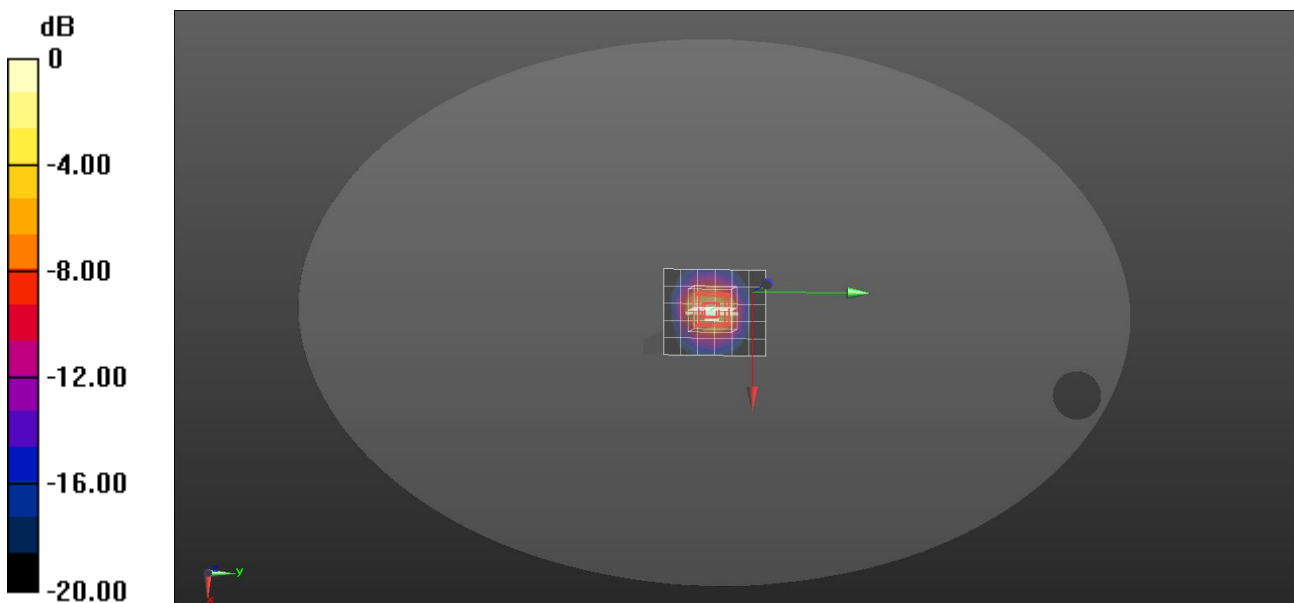
Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 6.77 W/kg; SAR(10 g) = 2.67 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

Test Date: 2025-05-15

SystemPerformanceCheck-SAM2-D3700HSL
DUT: Dipole 3700 MHz D3700V2; Type: D3700V2

Communication System: CW; Frequency: 3700 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 3700$ MHz; $\sigma = 2.89$ S/m; $\epsilon_r = 38.49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.75, 6.84, 6.45) @ 3700 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Area Scan (6x7x1): Measurement grid:

dx=12mm, dy=12mm; Maximum value of SAR (measured) = 8.57 W/kg

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Zoom Scan (8x8x8) (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 64.31 V/m; Power Drift = -0.03 dB

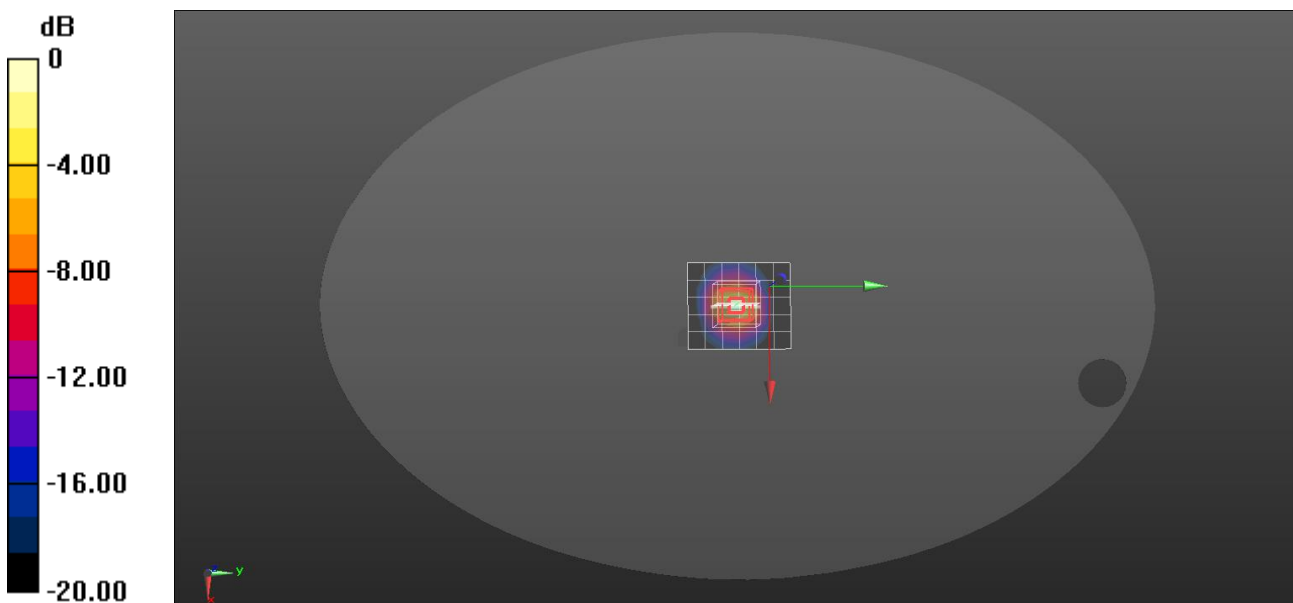
Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 6.88 W/kg; SAR(10 g) = 2.61 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Date: 2025-05-16

SystemPerformanceCheck-SAM2-D3900HSL
DUT: Dipole 3900 MHz D3900V2; Type: D3900V2

Communication System: CW; Frequency: 3900 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 38.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.72, 6.81, 6.43) @ 3900 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Area Scan (6x7x1): Measurement grid:

dx=12mm, dy=12mm; Maximum value of SAR (measured) = 9.23 W/kg

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Zoom Scan (8x8x8) (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 62.86 V/m; Power Drift = -0.03 dB

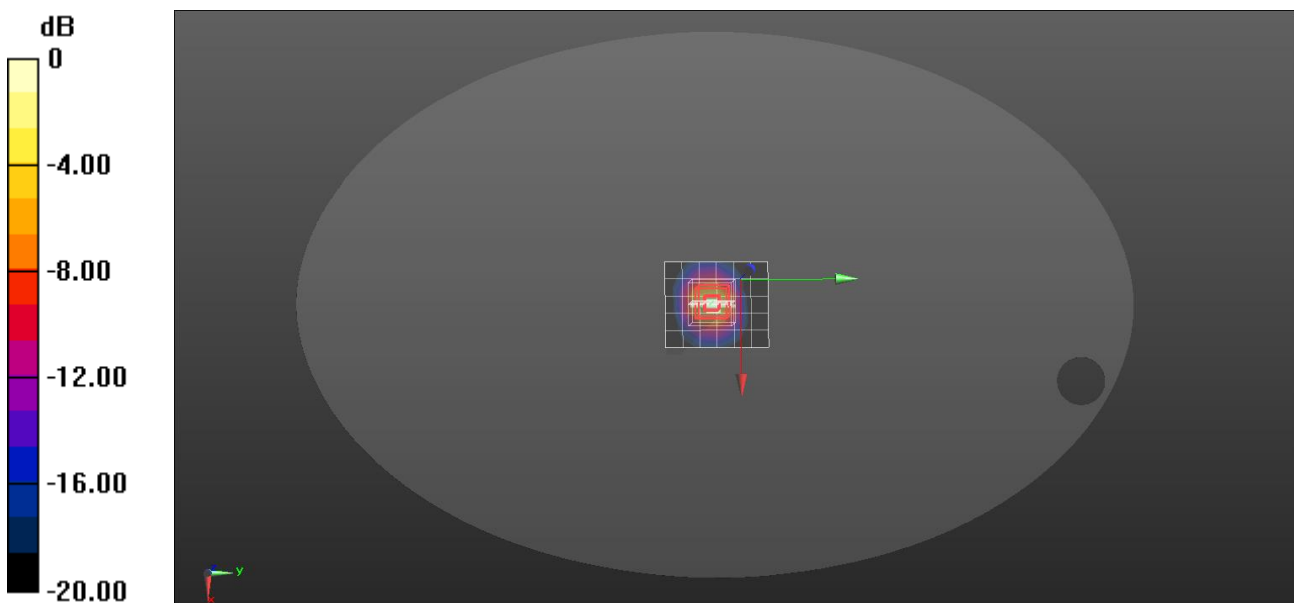
Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 7.13 W/kg; SAR(10 g) = 2.59 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg

Test Date: 2025-04-23

SystemPerformanceCheck-SAM2-D5250HSL
DUT: Dipole D5GHzV2; Type: D5GHzV2

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.54$ S/m; $\epsilon_r = 35.76$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.46, 5.53, 5.22) @ 5250 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Area Scan (7x7x1): Measurement grid:

dx=10mm, dy=10mm; Maximum value of SAR (measured) = 15.2 W/kg

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Zoom Scan (8x8x8) (7x7x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 54.24 V/m; Power Drift = 0.11 dB

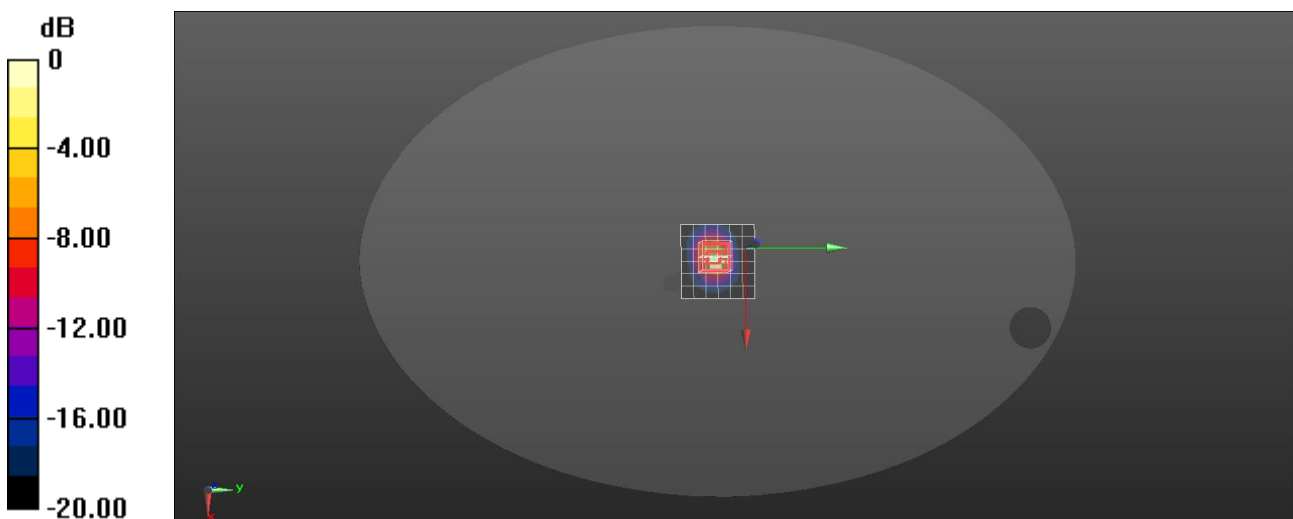
Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.38 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg = 13.22 dBW/kg

Test Date: 2025-04-24

SystemPerformanceCheck-SAM2-D5600HSL
DUT: Dipole D5GHzV2; Type: D5GHzV2

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.92$ S/m; $\epsilon_r = 35.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.13, 5.2, 4.91) @ 5600 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Area Scan (7x9x1): Measurement grid:

dx=10mm, dy=10mm; Maximum value of SAR (measured) = 18.6 W/kg

Configuration/d=10mm, Pin=100mW, dist=1.4mm (EX-Probe)/Zoom Scan (8x8x8) (7x7x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 54.33 V/m; Power Drift = -0.01 dB

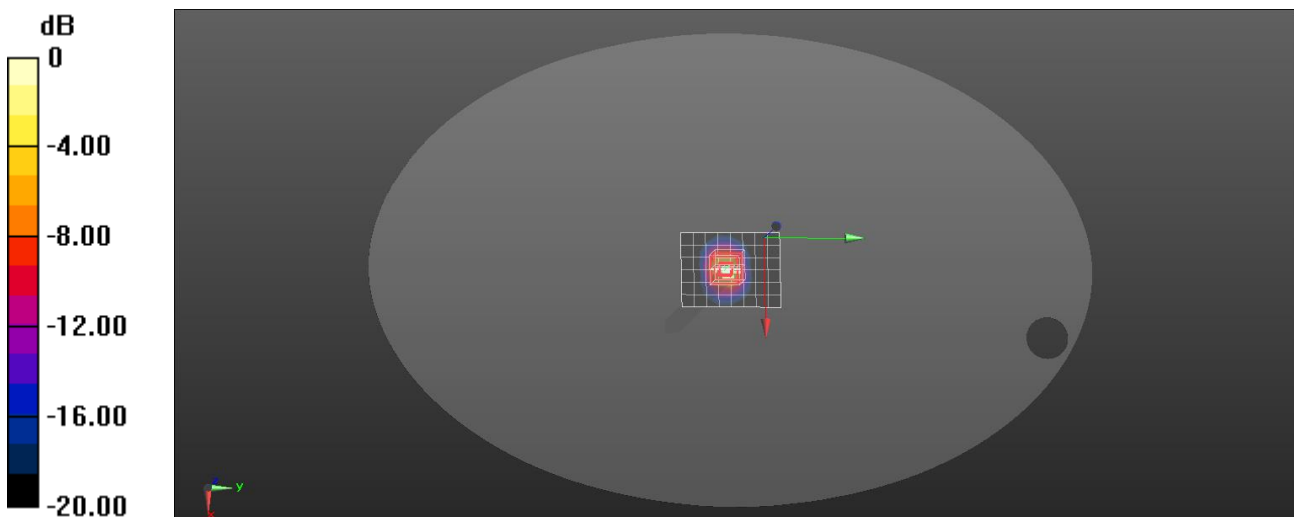
Peak SAR (extrapolated) = 38.0 W/kg

SAR(1 g) = 8.45 W/kg; SAR(10 g) = 2.43 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 21.9 W/kg



0 dB = 21.9 W/kg = 13.40 dBW/kg

Test Date: 2025-04-24

SystemPerformanceCheck-SAM2-D5800HSL**DUT: Dipole D5GHzV2; Type: D5GHzV2**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 34.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.15, 5.22, 4.92) @ 5800 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/d=10mm, Pin=100 mW, dist=1.4mm (EX-Probe)/Area Scan (7x9x1): Measurement grid:

dx=10mm, dy=10mm; Maximum value of SAR (measured) = 18.3 W/kg

Configuration/d=10mm, Pin=100 mW, dist=1.4mm (EX-Probe)/Zoom Scan (8x8x8) (9x9x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 52.29 V/m; Power Drift = -0.01 dB

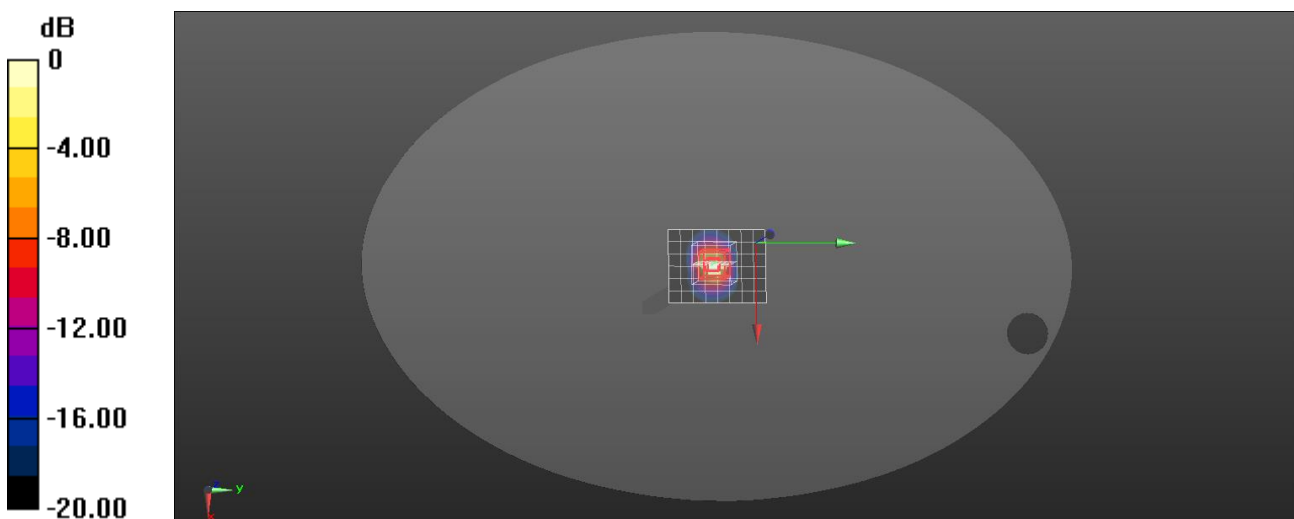
Peak SAR (extrapolated) = 38.3 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg = 13.22 dBW/kg

Annex B - Test Data Plots

Plot 1#

Test Date: 2025-05-14

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: EGPRS 850 2slot Low Body Back

Communication System: GPRS-FDD; Frequency: 824.2 MHz; Duty Cycle: 1:4:2

 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 43.33$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.11, 9.24, 8.72) @ 824.2 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/EGPRS 850 2slot Low Body Back/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.24 W/kg

Configuration/EGPRS 850 2slot Low Body Back/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 32.48 V/m; Power Drift = 0.04 dB

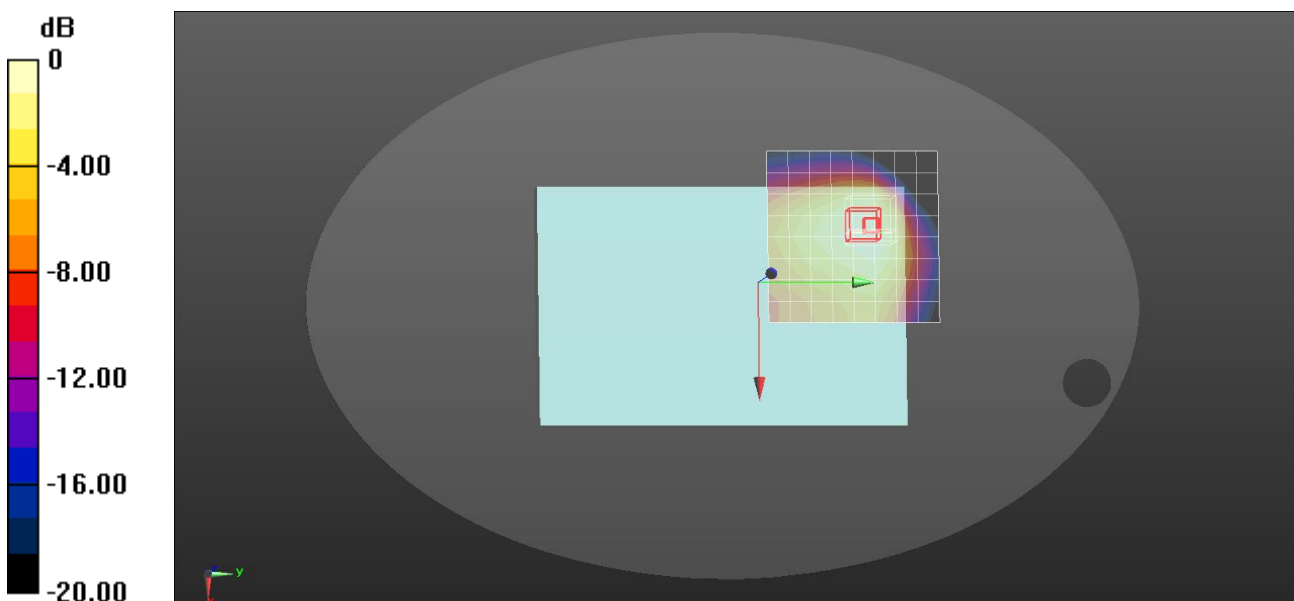
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.593 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 57.8%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Plot 2#

Test Date: 2025-05-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: GPRS 1900 2slot High Body Back

Communication System: GPRS-FDD; Frequency: 1909.8 MHz; Duty Cycle: 1:4:2

 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 41.32$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.84, 7.94, 7.5) @ 1909.8 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/GPRS 1900 2slot High Body Back/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.48 W/kg

Configuration/GPRS 1900 2slot High Body Back/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 30.51 V/m; Power Drift = -0.14 dB

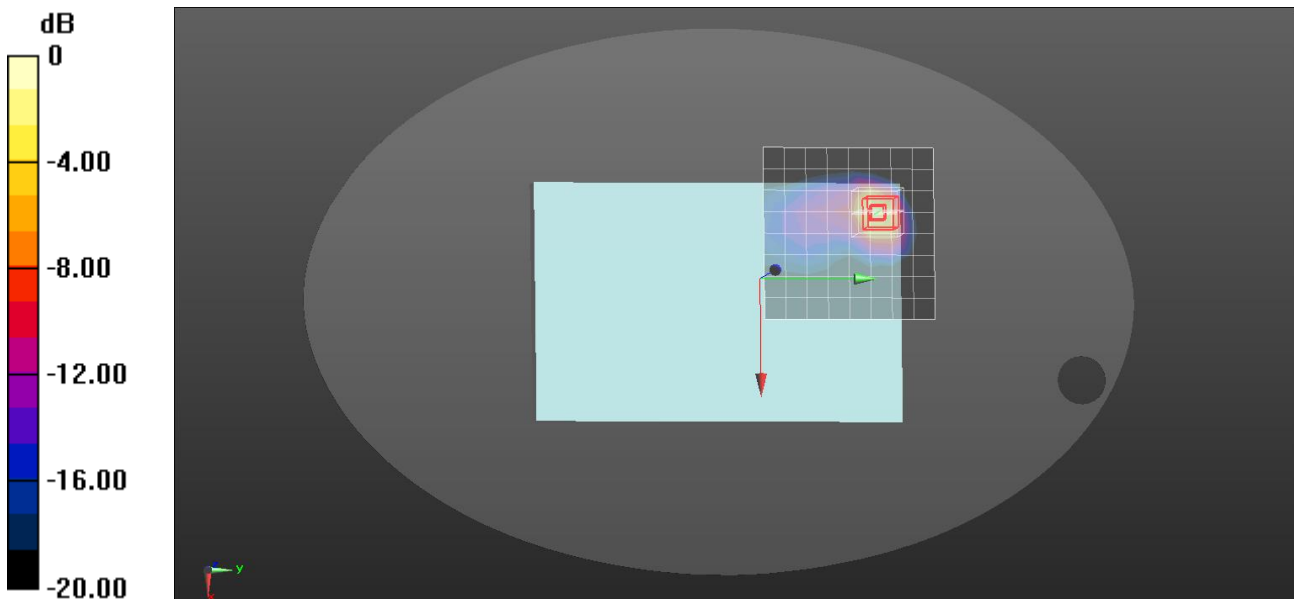
Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.477 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

Plot 3#

Test Date: 2025-05-23

DUT: Tablet Computer; Type: EDA10A-1**Procedure Name: WCDMA Band 2 High Body Back**

Communication System: UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 41.33$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.84, 7.94, 7.5) @ 1907.6 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/WCDMA Band 2 High Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.80 W/kg**Configuration/WCDMA Band 2 High Body Back/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 10.29 V/m; Power Drift = -0.05 dB

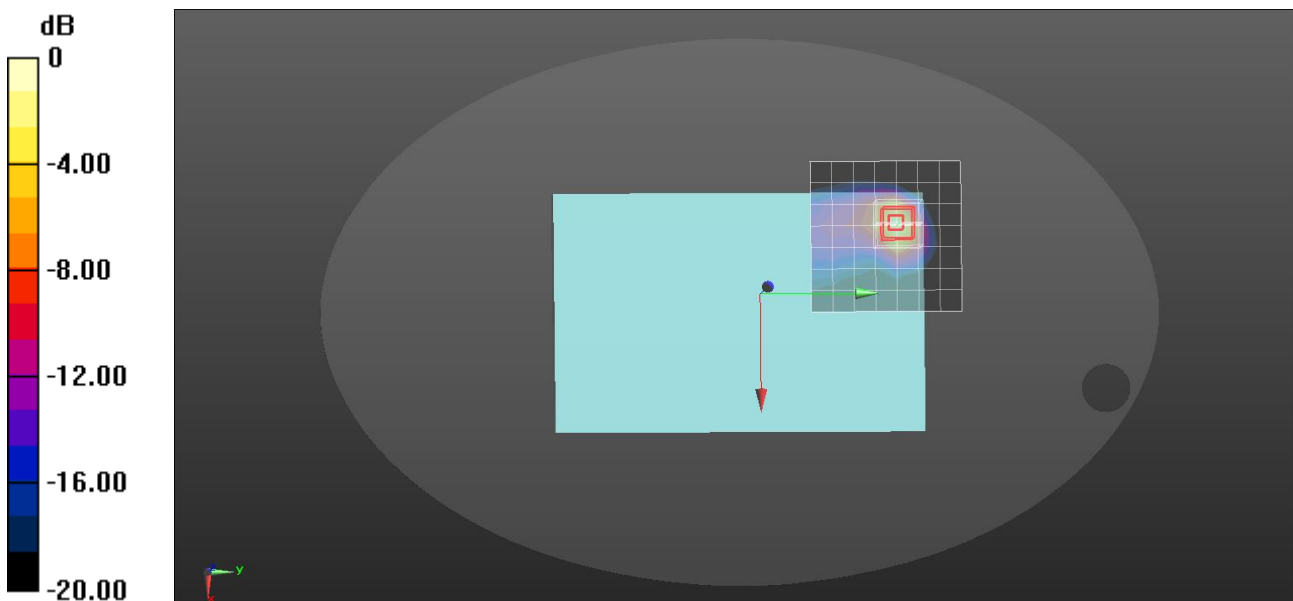
Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.481 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

Plot 4#

Test Date: 2025-05-16

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: WCDMA Band 4 High Body Back

Communication System: UMTS-FDD; Frequency: 1752.6 MHz

 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 41.62$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(8.12, 8.23, 7.77) @ 1752.6 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/WCDMA Band 4 High Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.25 W/kg

Configuration/WCDMA Band 4 High Body Back/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 25.54 V/m; Power Drift = -0.13 dB

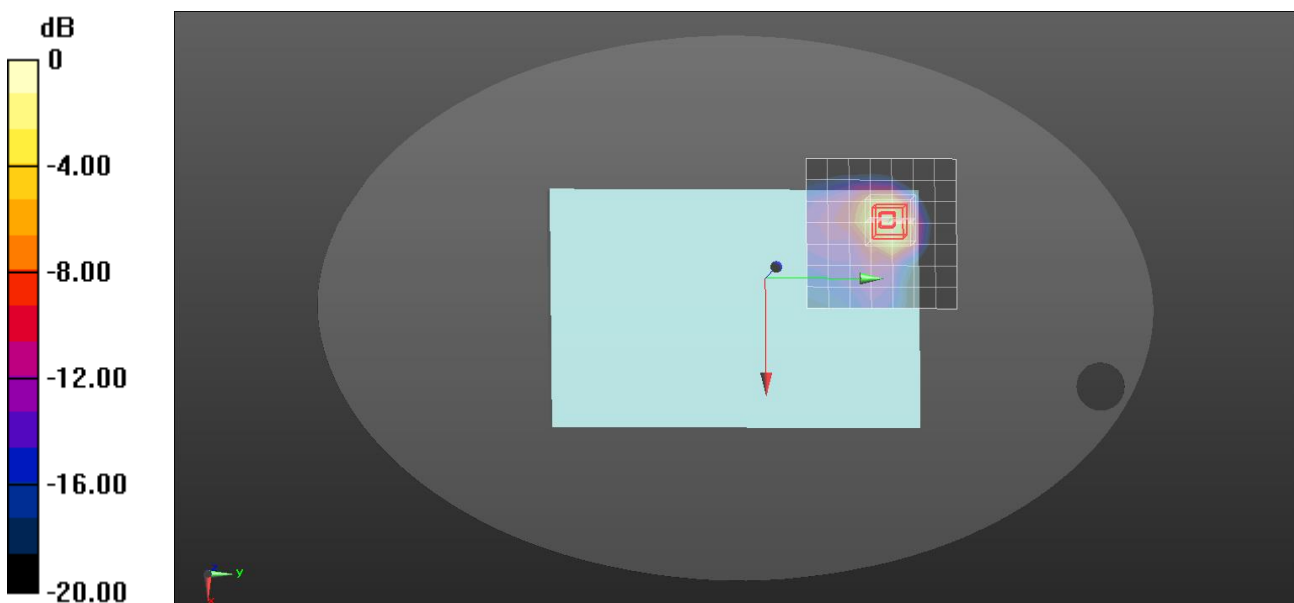
Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.433 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

Plot 5#

Test Date: 2025-05-14

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: WCDMA Band 5 Mid Body Back

Communication System: UMTS-FDD; Frequency: 836.4 MHz

 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 43.30$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.11, 9.24, 8.72) @ 836.4 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/WCDMA Band 5 Mid Body Back/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.08 W/kg

Configuration/WCDMA Band 5 Mid Body Back/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 30.84 V/m; Power Drift = -0.03 dB

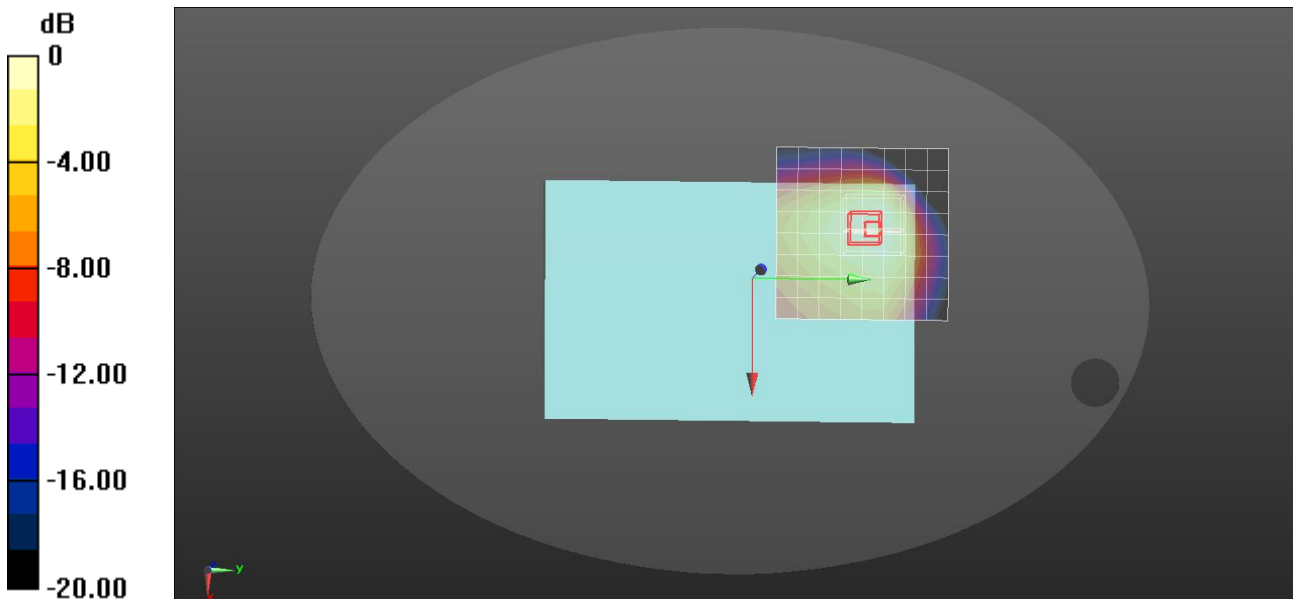
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.531 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.3%

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Plot 6#

Test Date: 2025-05-05

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 4 High QPSK_20M_1RB_OS99 Body Back

Communication System: LTE-FDD; Frequency: 1745 MHz

 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 41.18$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(8.12, 8.23, 7.77) @ 1745 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 4 High QPSK_20M_1RB_OS99 Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.19 W/kg

Configuration/LTE Band 4 High QPSK_20M_1RB_OS99 Body Back/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 27.56 V/m; Power Drift = -0.08 dB

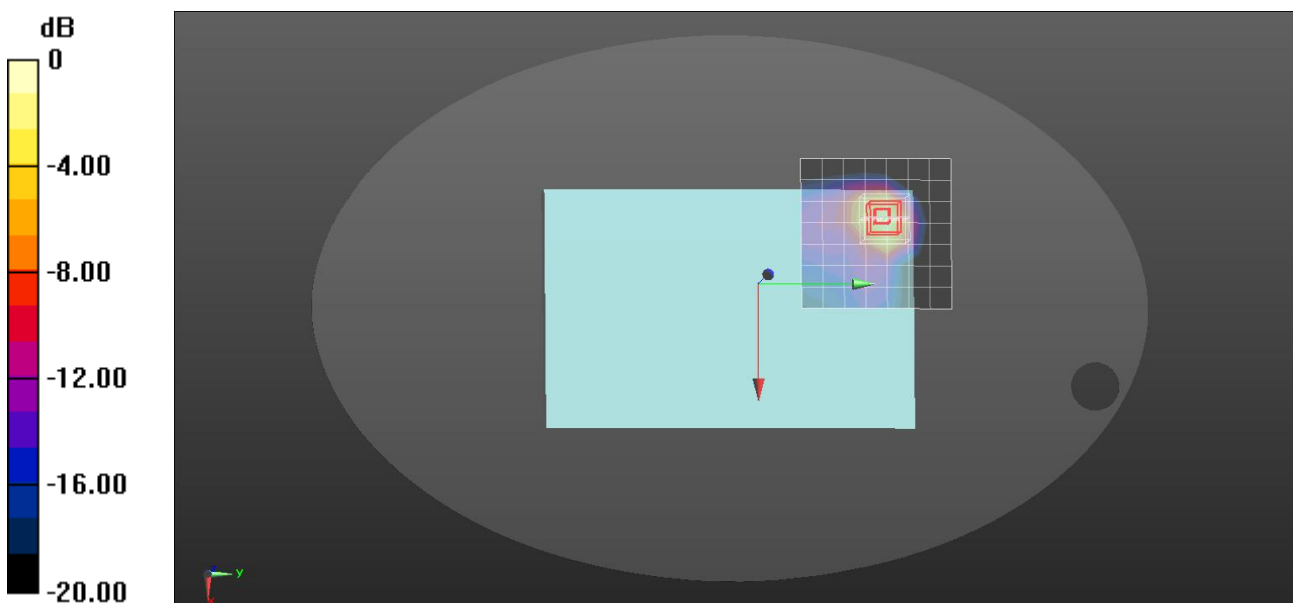
Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.426 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Plot 7#

Test Date: 2025-05-17

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 7 High QPSK_20M_100RB_OS0 Body Back

Communication System: LTE-FDD; Frequency: 2560 MHz

 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 40.64$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.44, 7.54, 7.12) @ 2560 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 7 High QPSK_20M_100RB_OS0 Body Back/Area Scan (10x10x1):

Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.43 W/kg

Configuration/LTE Band 7 High QPSK_20M_100RB_OS0 Body Back/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 24.26 V/m; Power Drift = 0.01 dB

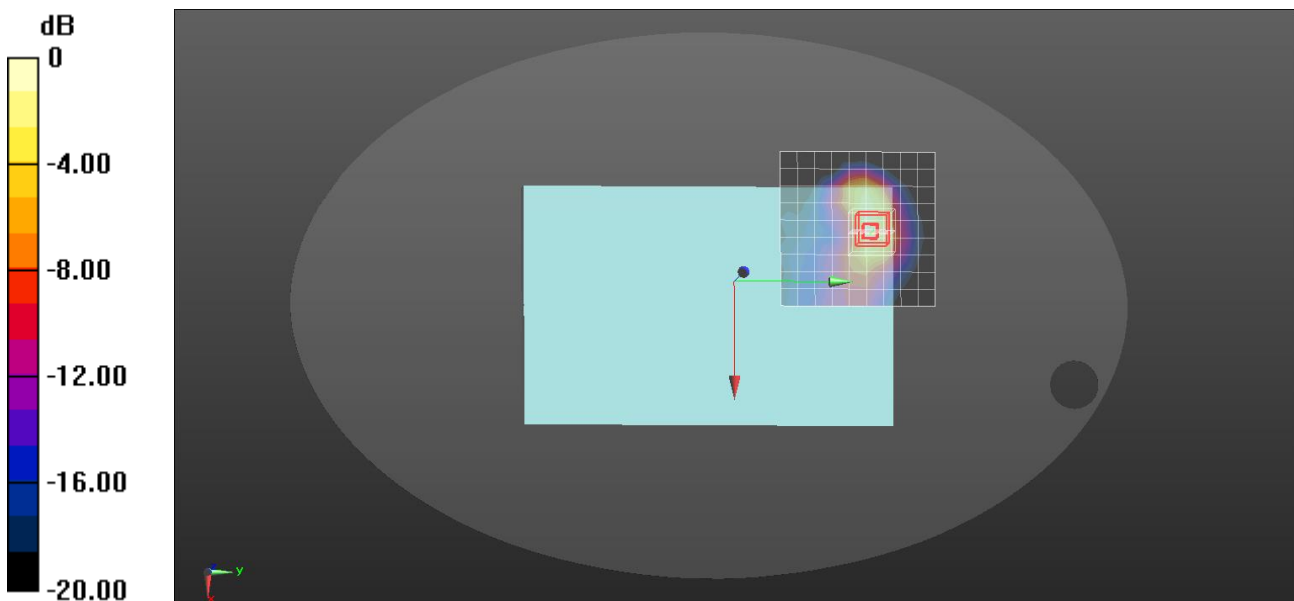
Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.497 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

Plot 8#

Test Date: 2025-05-14

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 12 Mid QPSK_10M_1RB_OS24 Body Back

Communication System: LTE-FDD; Frequency: 707.5 MHz

 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 43.12$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.47, 9.6, 9.06) @ 707.5 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 12 Mid QPSK_10M_1RB_OS24 Body Back/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.615 W/kg

Configuration/LTE Band 12 Mid QPSK_10M_1RB_OS24 Body Back/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 25.50 V/m; Power Drift = 0.04 dB

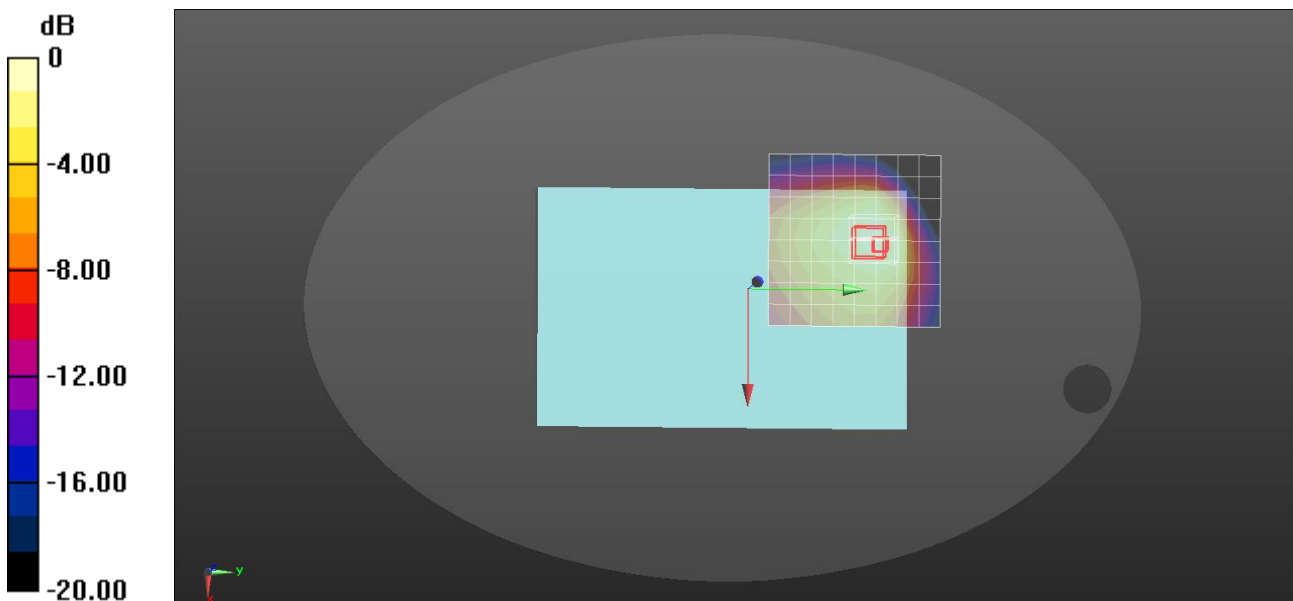
Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.295 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

Plot 9#

Test Date: 2025-05-14

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 13 Mid QPSK_10M_1RB_OS0 Body Back

Communication System: LTE-FDD; Frequency: 782 MHz

 Medium parameters used: $f = 782$ MHz; $\sigma = 0.90$ S/m; $\epsilon_r = 42.89$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.47, 9.6, 9.06) @ 782 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 13 Mid QPSK_10M_1RB_OS0 Body Back/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.246 W/kg

Configuration/LTE Band 13 Mid QPSK_10M_1RB_OS0 Body Back/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 16.36 V/m; Power Drift = 0.09 dB

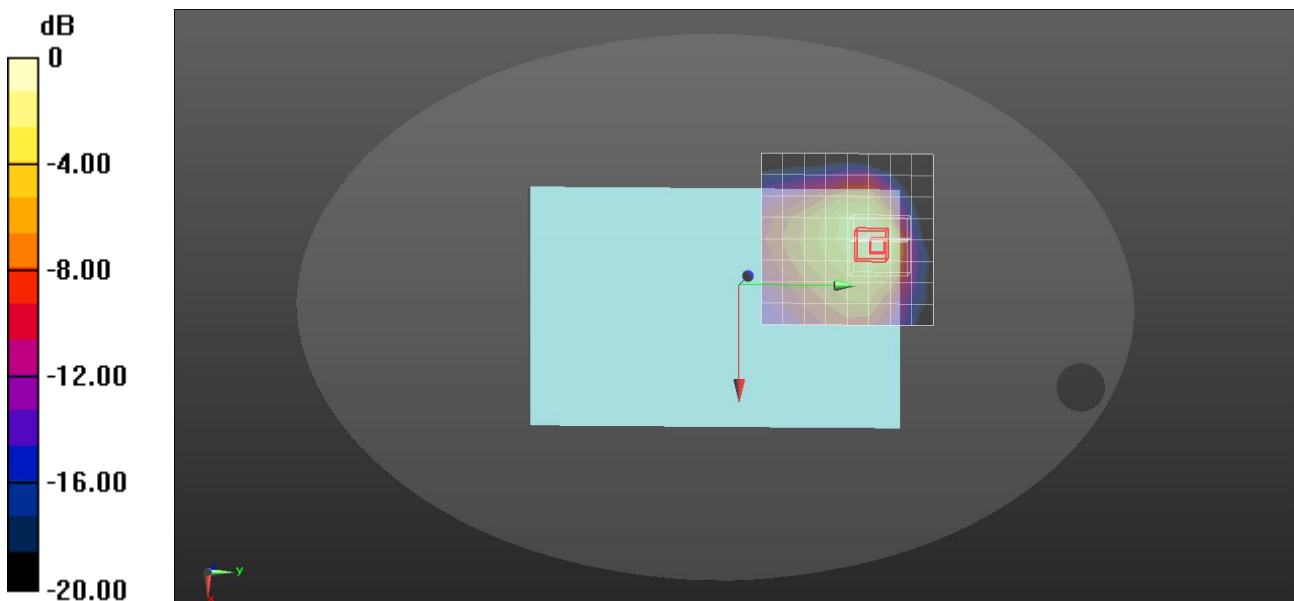
Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.103 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 38.7%

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

Plot 10#

Test Date: 2025-05-05

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 25 High QPSK_20M_1RB_OS99 Body Back

Communication System: LTE-FDD; Frequency: 1905 MHz

 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 41.02$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.84, 7.94, 7.5) @ 1905 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 25 High QPSK_20M_1RB_OS99 Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.47 W/kg

Configuration/LTE Band 25 High QPSK_20M_1RB_OS99 Body Back/Zoom Scan (5x5x7)/Cube 0:

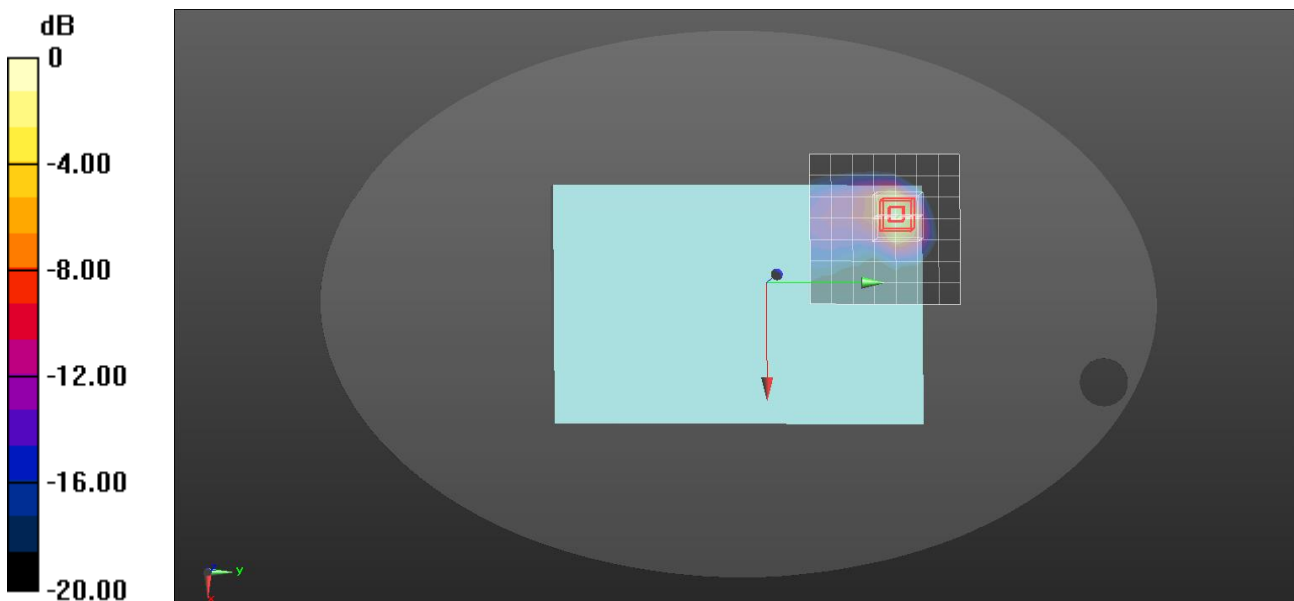
 Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 28.24 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.416 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

Plot 11#

Test Date: 2025-05-14

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 26 Mid QPSK_15M_1RB_OS0 Body Back

Communication System: LTE-FDD; Frequency: 831.5 MHz

 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 43.31$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.11, 9.24, 8.72) @ 831.5 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 26 Mid QPSK_15M_1RB_OS0 Body Back/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.831 W/kg

Configuration/LTE Band 26 Mid QPSK_15M_1RB_OS0 Body Back/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 25.86 V/m; Power Drift = -0.00 dB

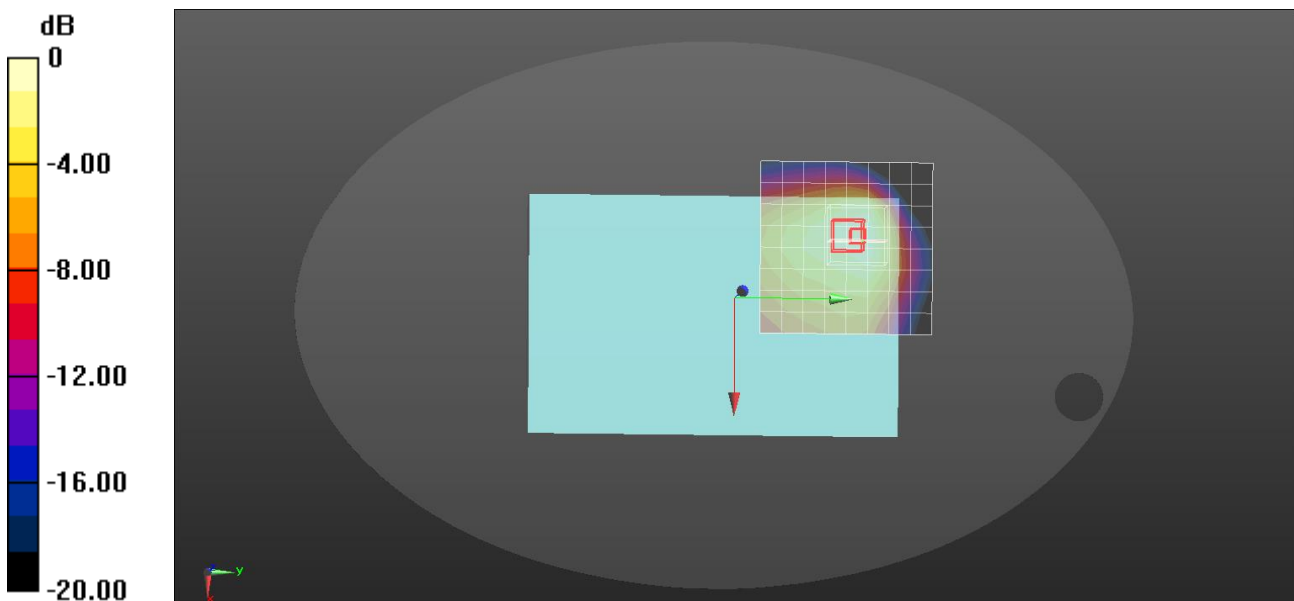
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.414 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%

Maximum value of SAR (measured) = 0.840 W/kg



0 dB = 0.840 W/kg = -0.76 dBW/kg

Plot 12#

Test Date: 2025-05-05

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 66 High QPSK_20M_1RB_OS99 Body Back

Communication System: LTE-FDD; Frequency: 1770 MHz

 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 41.14$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(8.12, 8.23, 7.77) @ 1770 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 66 High QPSK_20M_1RB_OS99 Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.35 W/kg

Configuration/LTE Band 66 High QPSK_20M_1RB_OS99 Body Back/Zoom Scan (5x5x7)/Cube 0:

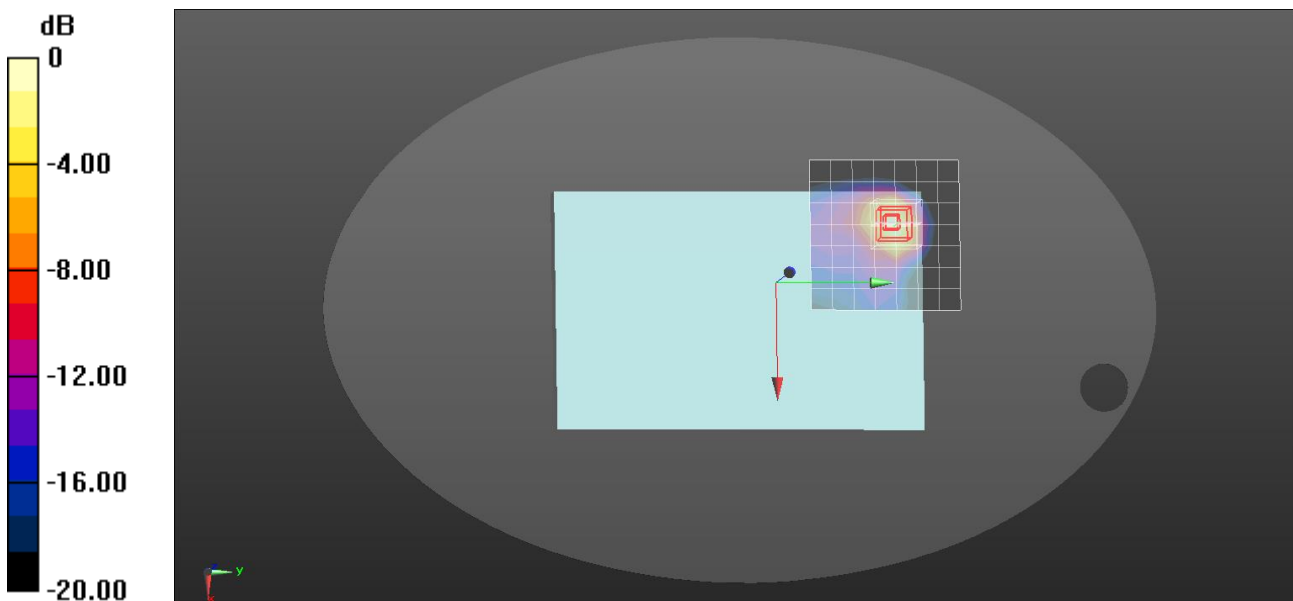
 Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 26.21 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.429 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

Plot 13#

Test Date: 2025-05-17

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 41 High QPSK_20M_1RB_OS0 Body Back

Communication System: LTE-TDD; Frequency: 2680 MHz

 Medium parameters used: $f = 2680$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 40.42$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.44, 7.54, 7.12) @ 2680 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 41 High QPSK_20M_1RB_OS0 Body Back/Area Scan (10x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.89 W/kg

Configuration/LTE Band 41 High QPSK_20M_1RB_OS0 Body Back/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 27.85 V/m; Power Drift = 0.09 dB

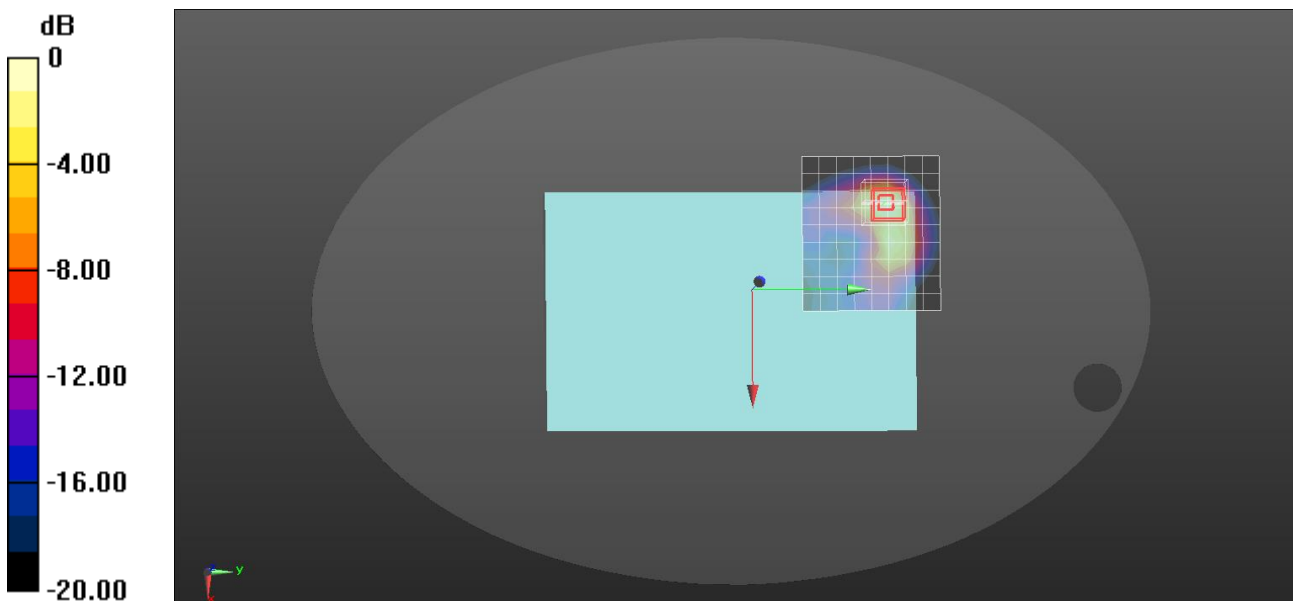
Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.524 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.8%

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

Plot 14#

Test Date: 2025-05-15

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 42 Low QPSK_20M_1RB_OS0 Body Back

Communication System: LTE-TDD; Frequency: 3460 MHz

 Medium parameters used: $f = 3460$ MHz; $\sigma = 2.67$ S/m; $\epsilon_r = 38.95$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.71, 6.81, 6.42) @ 3460 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 42 Low QPSK_20M_1RB_OS0 Body Back/Area Scan (10x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.14 W/kg

Configuration/LTE Band 42 Low QPSK_20M_1RB_OS0 Body Back/Zoom Scan (8x8x9)/Cube 0:

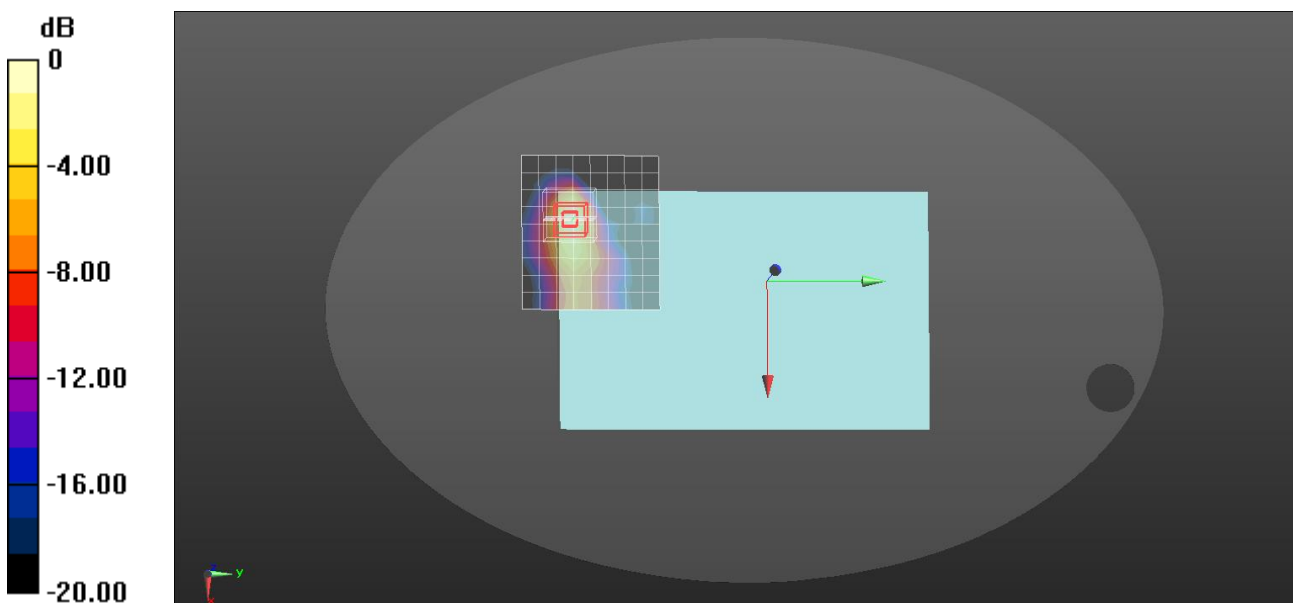
 Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 20.06 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.299 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Plot 15#

Test Date: 2025-05-15

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: LTE Band 43 Low QPSK_20M_1RB_OS0 Body Back

Communication System: LTE-TDD; Frequency: 3710 MHz

 Medium parameters used: $f = 3710$ MHz; $\sigma = 2.9$ S/m; $\epsilon_r = 38.47$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.75, 6.84, 6.45) @ 3710 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/LTE Band 43 Low QPSK_20M_1RB_OS0 Body Back/Area Scan (10x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.83 W/kg

Configuration/LTE Band 43 Low QPSK_20M_1RB_OS0 Body Back/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 22.97 V/m; Power Drift = 0.06 dB

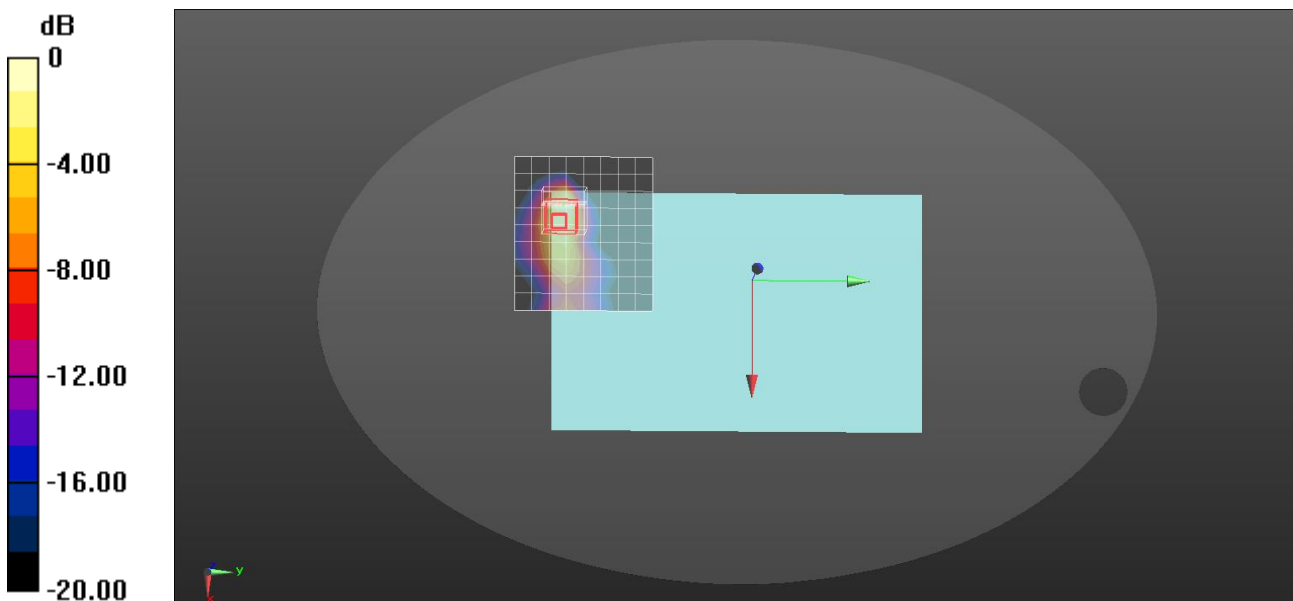
Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.393 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Plot 16#

Test Date: 2025-05-17

DUT: Tablet Computer; Type: EDA10A-1**Procedure Name: NR n7 PC3 High BPSK_20M_50RB_OS28 Body Back**

Communication System: 5G NR; Frequency: 2560 MHz

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 40.64$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.44, 7.54, 7.12) @ 2560 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n7 PC3 High BPSK_20M_50RB_OS28 Body Back/Area Scan (10x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.37 W/kg**Configuration/NR n7 PC3 High BPSK_20M_50RB_OS28 Body Back/Zoom Scan (7x7x7)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 24.84 V/m; Power Drift = 0.16 dB

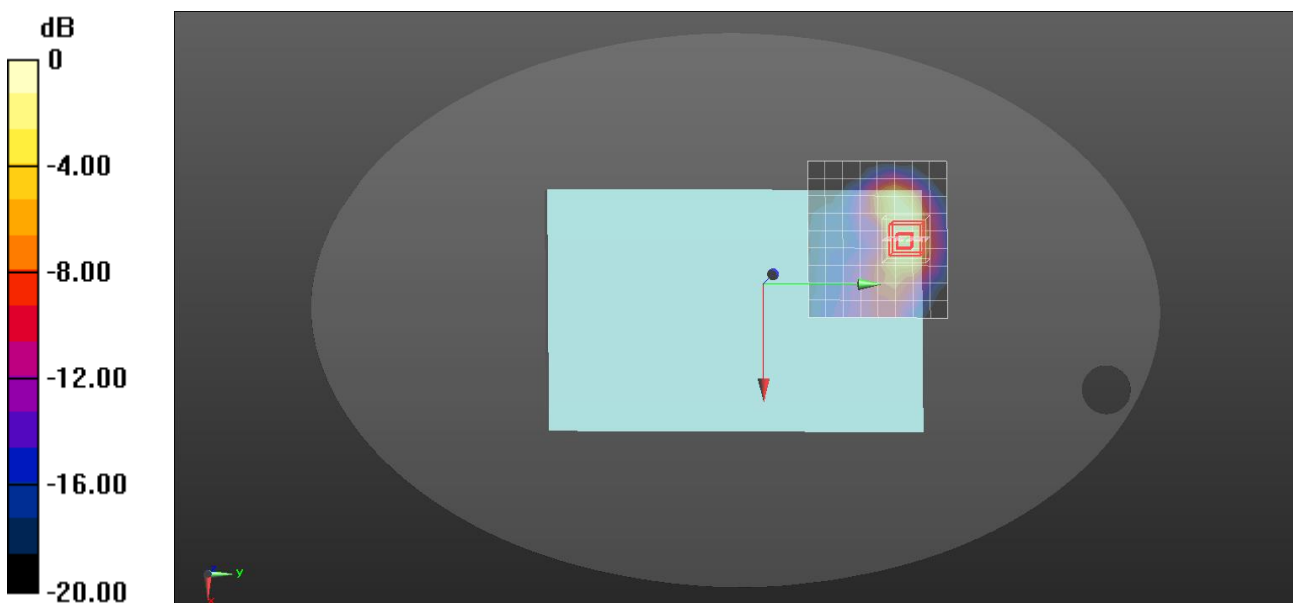
Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.564 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

Plot 17#

Test Date: 2025-05-05

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: NR n25 PC3 High BPSK_20M_50RB_OS28 Body Back

Communication System: 5G NR; Frequency: 1905 MHz

 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 41.02$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.84, 7.94, 7.5) @ 1905 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n25 PC3 High BPSK_20M_50RB_OS28 Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.79 W/kg

Configuration/NR n25 PC3 High BPSK_20M_50RB_OS28 Body Back/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 30.78 V/m; Power Drift = -0.13 dB

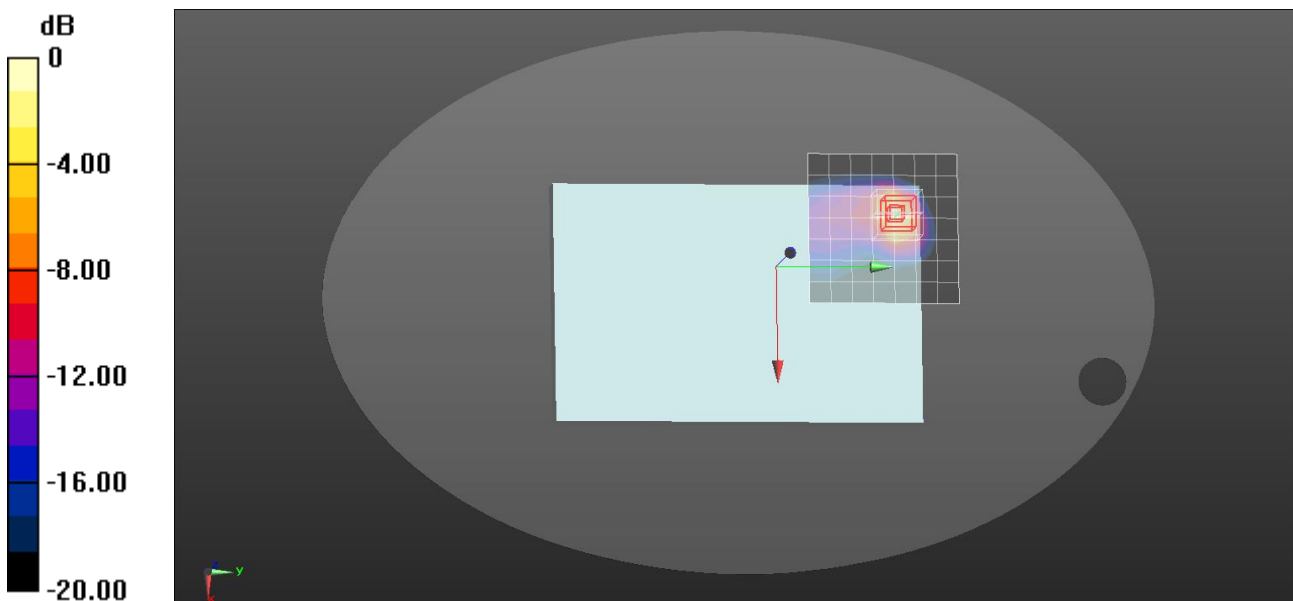
Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.479 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.8%

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

Plot 18#

Test Date: 2025-05-20

DUT: Tablet Computer; Type: EDA10A-1**Procedure Name: NR n26 PC3 Mid BPSK_20M_1RB_OS1 Body Back**

Communication System: 5G NR; Frequency: 831.5 MHz

Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 42.77$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(9.11, 9.24, 8.72) @ 831.5 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n26 PC3 Mid BPSK_20M_1RB_OS1 Body Back/Area Scan (9x9x1): Measurement grid:

dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.875 W/kg

Configuration/NR n26 PC3 Mid BPSK_20M_1RB_OS1 Body Back/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 28.21 V/m; Power Drift = 0.03 dB

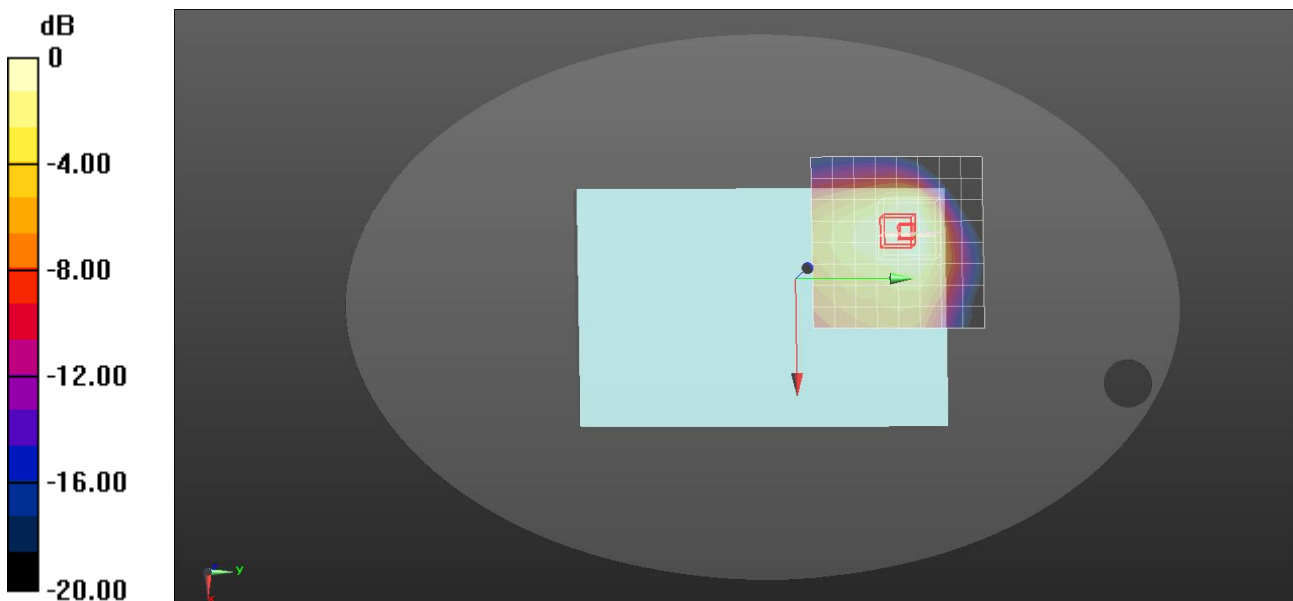
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.437 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.883 W/kg



0 dB = 0.883 W/kg = -0.54 dBW/kg

Plot 19#

Test Date: 2025-05-05

DUT: Tablet Computer; Type: EDA10A-1**Procedure Name: NR n66 PC3 High BPSK_20M_1RB_OS104 Body Back**

Communication System: 5G NR; Frequency: 1770 MHz

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 41.14$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(8.12, 8.23, 7.77) @ 1770 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n66 PC3 High BPSK_20M_1RB_OS104 Body Back/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 1.76 W/kg**Configuration/NR n66 PC3 High BPSK_20M_1RB_OS104 Body Back/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm; Reference Value = 34.92 V/m; Power Drift = -0.13 dB

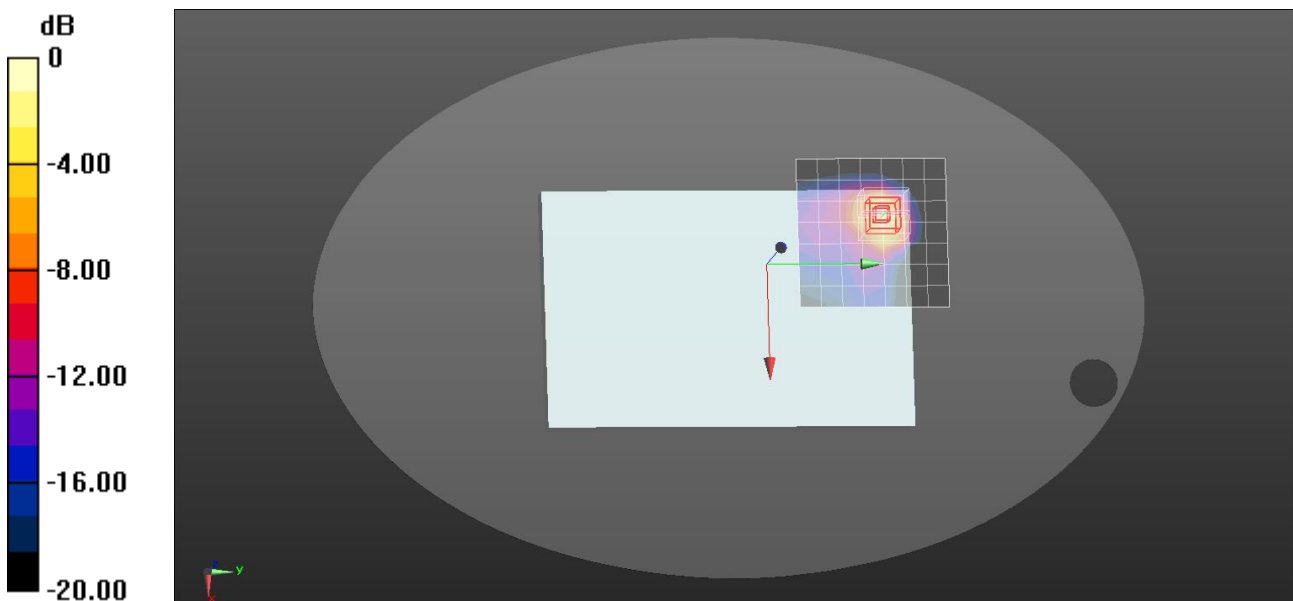
Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.564 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

Plot 20#

Test Date: 2025-05-17

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: NR n41 PC3 High BPSK_100M_135RB_OS69 Body Back

Communication System: 5G NR; Frequency: 2640 MHz

 Medium parameters used: $f = 2640$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.44, 7.54, 7.12) @ 2640 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n41 PC3 High BPSK_100M_135RB_OS69 Body Back/Area Scan (8x9x1):

Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.61 W/kg

Configuration/NR n41 PC3 High BPSK_100M_135RB_OS69 Body Back/Zoom Scan (8x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 17.76 V/m; Power Drift = -0.06 dB

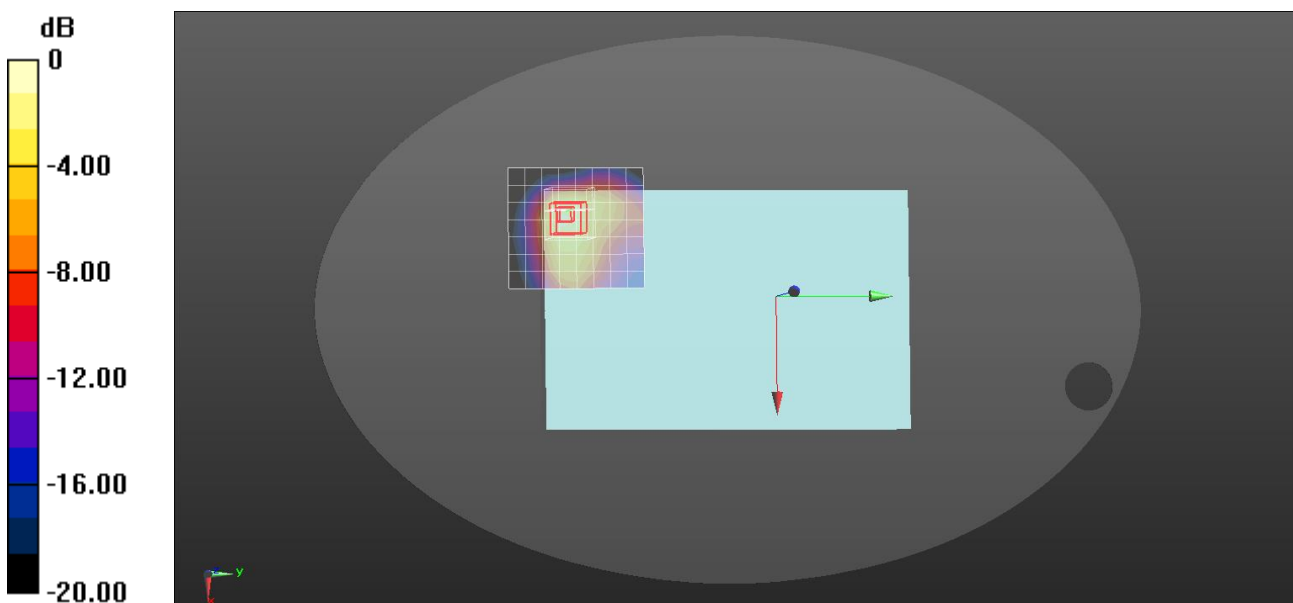
Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.530 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

Plot 21#

Test Date: 2025-05-17

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: NR n41 PC2 Mid BPSK_100M_1RB_OS1 Body Back

Communication System: 5G NR; Frequency: 2592.99 MHz

 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 40.59$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.44, 7.54, 7.12) @ 2592.99 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n41 PC2 Mid BPSK_100M_1RB_OS1 Body Back/Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.64 W/kg

Configuration/NR n41 PC2 Mid BPSK_100M_1RB_OS1 Body Back/Zoom Scan (8x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 18.24 V/m; Power Drift = -0.17 dB

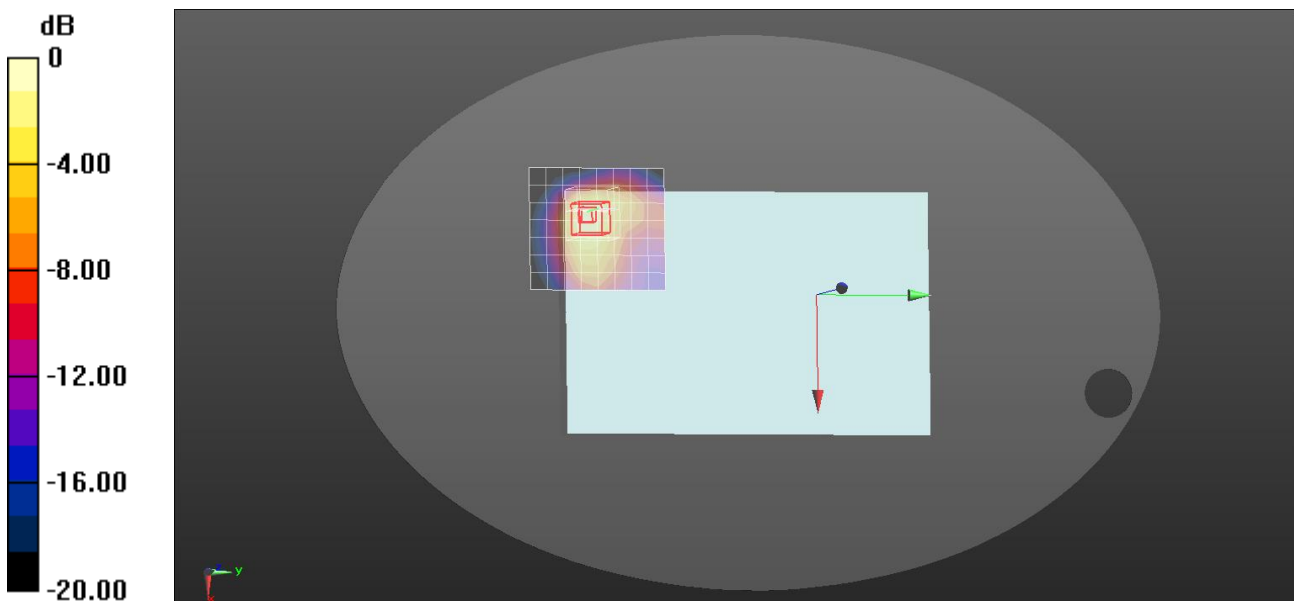
Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.571 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.8%

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

Plot 22#

Test Date: 2025-05-15

DUT: Tablet Computer; Type: EDA10A-1

Procedure Name: NR n77 PC3 Mid BPSK_100M_1RB_OS1 Body Left

Communication System: 5G NR; Frequency: 3500.01 MHz

Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.71$ S/m; $\epsilon_r = 38.86$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.71, 6.81, 6.42) @ 3500.01 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n77 PC3 Mid BPSK_100M_1RB_OS1 Body Left/Area Scan (18x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.359 W/kg

Configuration/NR n77 PC3 Mid BPSK_100M_1RB_OS1 Body Left/Zoom Scan (10x10x9)/Cube 0:

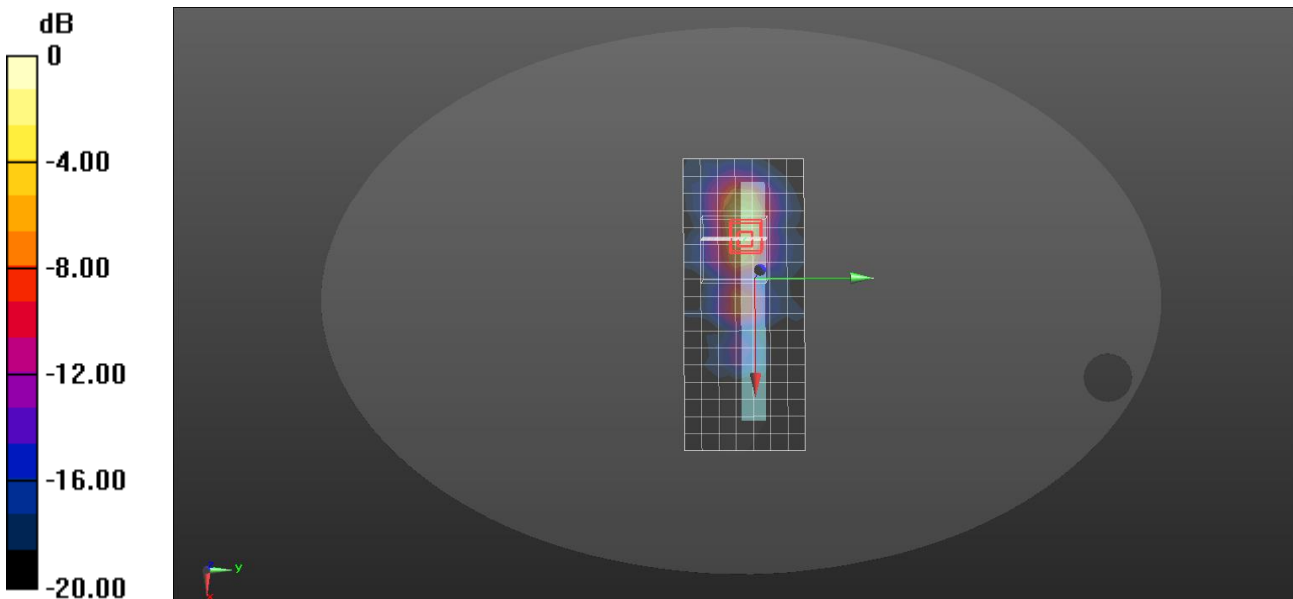
Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 11.66 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.194 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

Plot 23#

Test Date: 2025-05-15

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: NR n77 PC3 Low_Mid BPSK_100M_1RB_OS137 Body Left

Communication System: 5G NR; Frequency: 3795 MHz

 Medium parameters used: $f = 3795$ MHz; $\sigma = 2.98$ S/m; $\epsilon_r = 38.35$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.75, 6.84, 6.45) @ 3795 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n77 PC3 Low_Mid BPSK_100M_1RB_OS137 Body Left/Area Scan (18x8x1):

Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.11 W/kg

Configuration/NR n77 PC3 Low_Mid BPSK_100M_1RB_OS137 Body Left/Zoom Scan (10x10x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 15.64 V/m; Power Drift = -0.01 dB

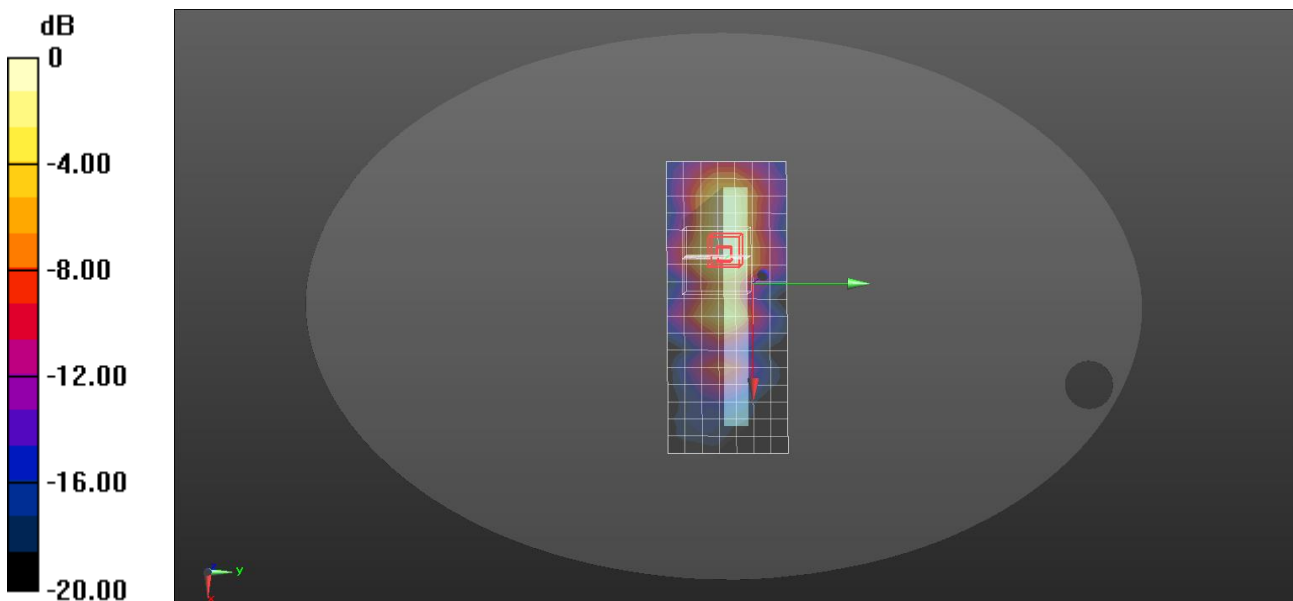
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.348 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Plot 24#

Test Date: 2025-05-15

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: NR n78 PC2 Mid BPSK_100M_1RB_OS1 Body Back

Communication System: 5G NR; Frequency: 3500.01 MHz

 Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.71$ S/m; $\epsilon_r = 38.86$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.71, 6.81, 6.42) @ 3500.01 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n78 PC2 Mid BPSK_100M_1RB_OS1 Body Back/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.841 W/kg

Configuration/NR n78 PC2 Mid BPSK_100M_1RB_OS1 Body Back/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 12.08 V/m; Power Drift = 0.16 dB

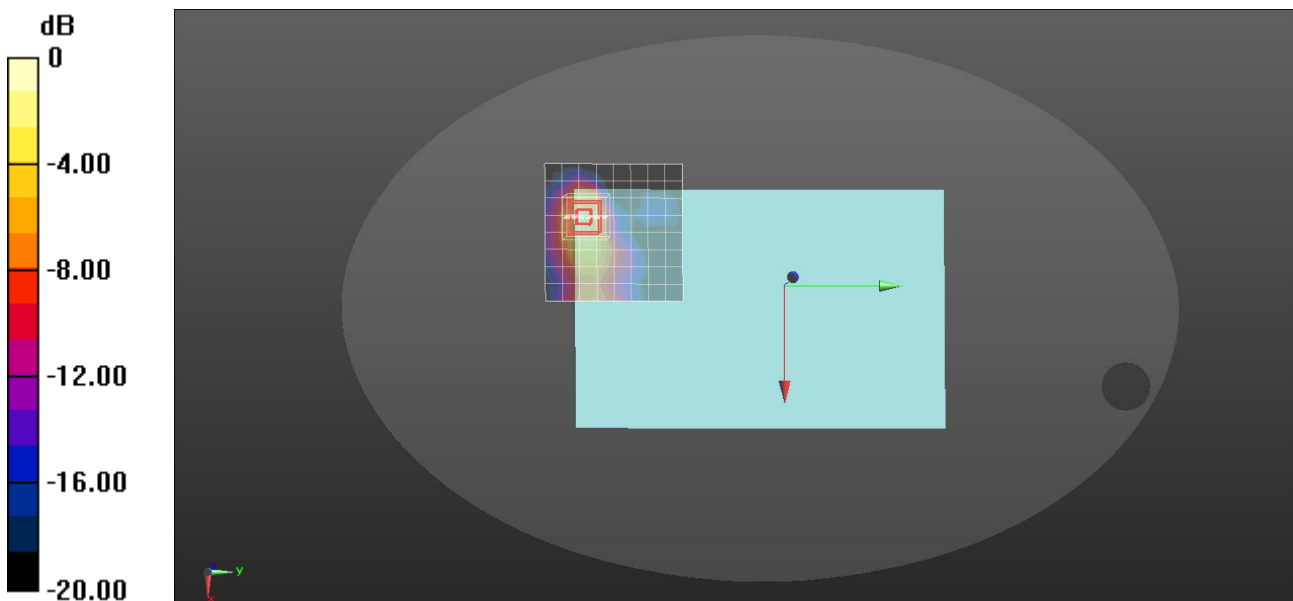
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.217 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

Plot 25#

Test Date: 2025-05-15

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: NR n78 PC2 Mid BPSK_100M_135RB_OS69 Body Back

Communication System: 5G NR; Frequency: 3750 MHz

 Medium parameters used: $f = 3750$ MHz; $\sigma = 2.93$ S/m; $\epsilon_r = 38.41$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(6.75, 6.84, 6.45) @ 3750 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2025/4/27
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/NR n78 PC2 Mid BPSK_100M_135RB_OS69 Body Back/Area Scan (9x9x1):

Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 1.96 W/kg

Configuration/NR n78 PC2 Mid BPSK_100M_135RB_OS69 Body Back/Zoom Scan (9x8x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3.5mm; Reference Value = 16.65 V/m; Power Drift = 0.12 dB

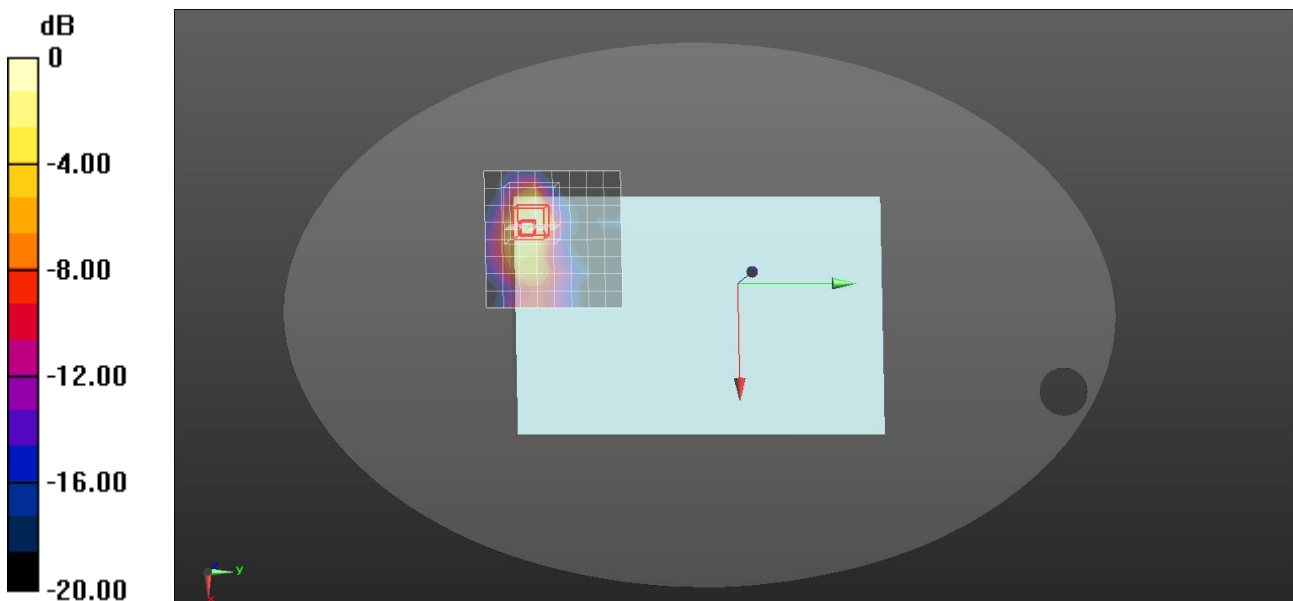
Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.501 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

Plot 26#

Test Date: 2025-04-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11b 2437MHz ANT3 Body Back

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.79$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.37, 7.47, 7.05) @ 2437 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11b 2437MHz ANT3 Body Back/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.849 W/kg

Configuration/802.11b 2437MHz ANT3 Body Back/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 21.89 V/m; Power Drift = -0.03 dB

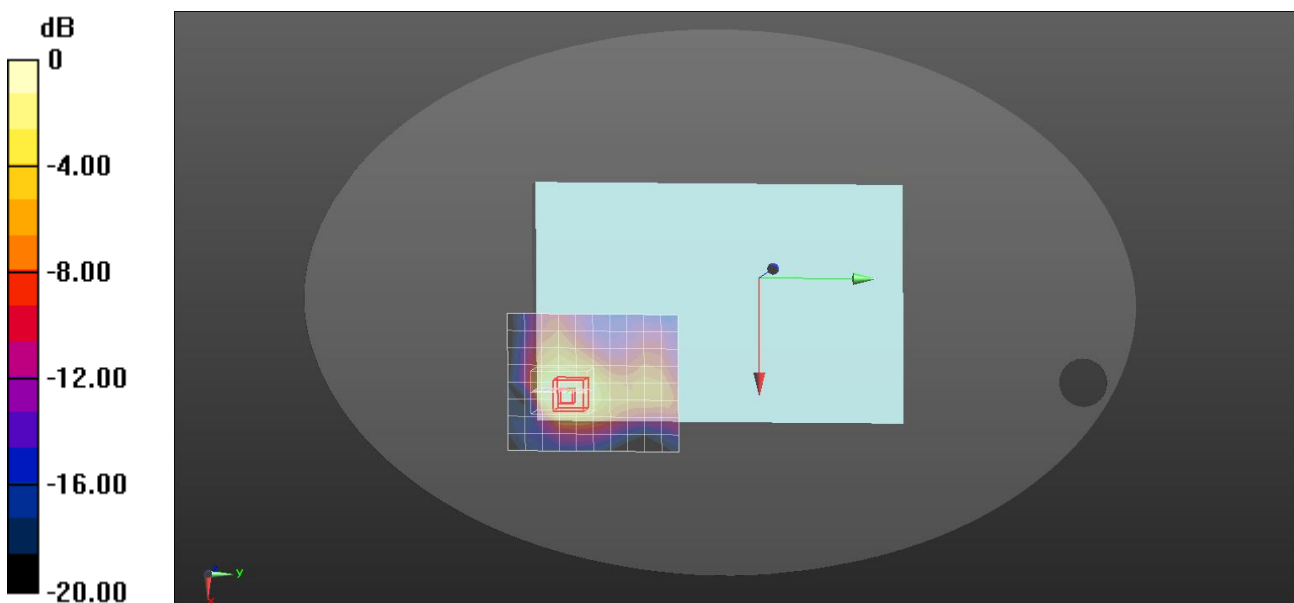
Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.303 W/kg

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.5%

Maximum value of SAR (measured) = 0.891 W/kg



0 dB = 0.891 W/kg = -0.50 dBW/kg

Plot 27#

Test Date: 2025-04-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11a 5320MHz ANT3 Body Back

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 35.63$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.46, 5.53, 5.22) @ 5320 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11a 5320MHz ANT3 Body Back/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.739 W/kg

Configuration/802.11a 5320MHz ANT3 Body Back/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 11.87 V/m; Power Drift = -0.06 dB

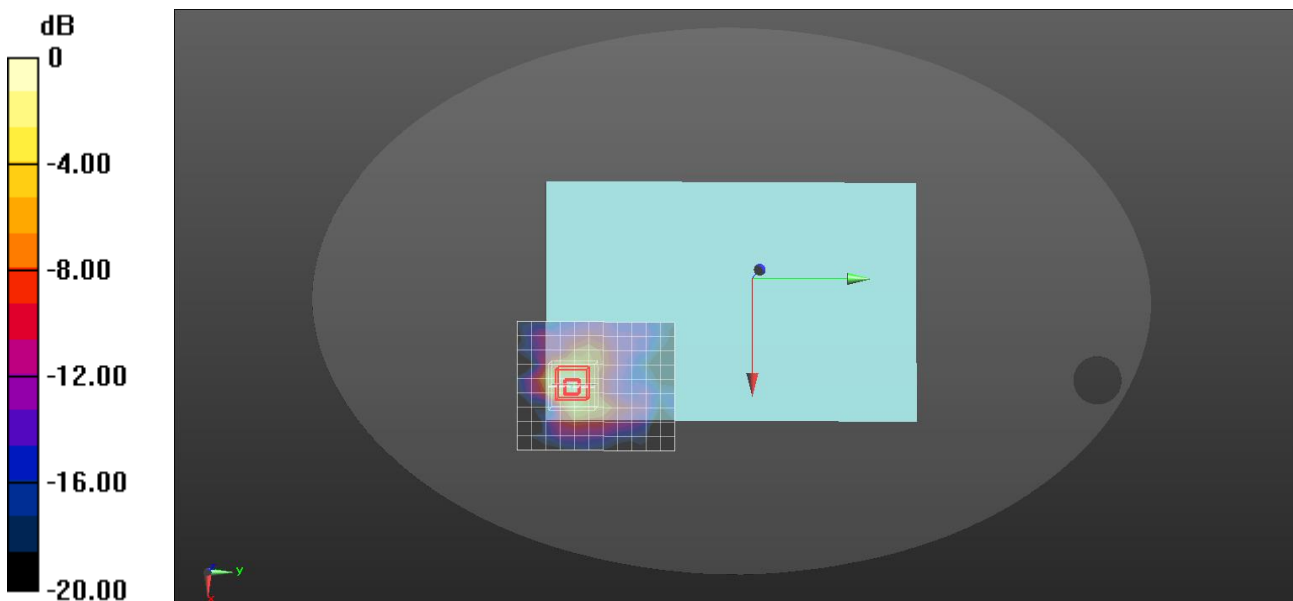
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.113 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%

Maximum value of SAR (measured) = 0.800 W/kg



0 dB = 0.800 W/kg = -0.97 dBW/kg

Plot 28#

Test Date: 2025-04-24

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11a 5580MHz ANT3 Body Back

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.9$ S/m; $\epsilon_r = 35.18$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.13, 5.2, 4.91) @ 5580 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11a 5580MHz ANT3 Body Back/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.682 W/kg

Configuration/802.11a 5580MHz ANT3 Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 10.26 V/m; Power Drift = 0.11 dB

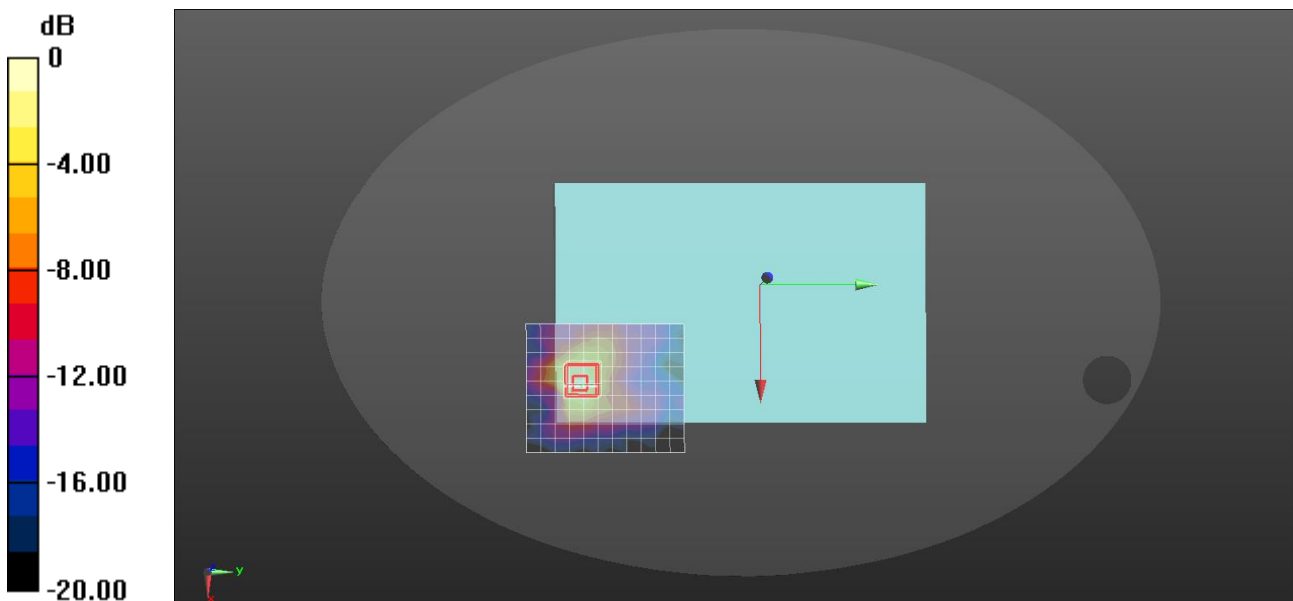
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

Plot 29#

Test Date: 2025-04-24

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11a 5745MHz ANT3 Body Back

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.09$ S/m; $\epsilon_r = 34.89$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.15, 5.22, 4.92) @ 5745 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11a 5745MHz ANT3 Body Back/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.13 W/kg

Configuration/802.11a 5745MHz ANT3 Body Back/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 13.30 V/m; Power Drift = 0.18 dB

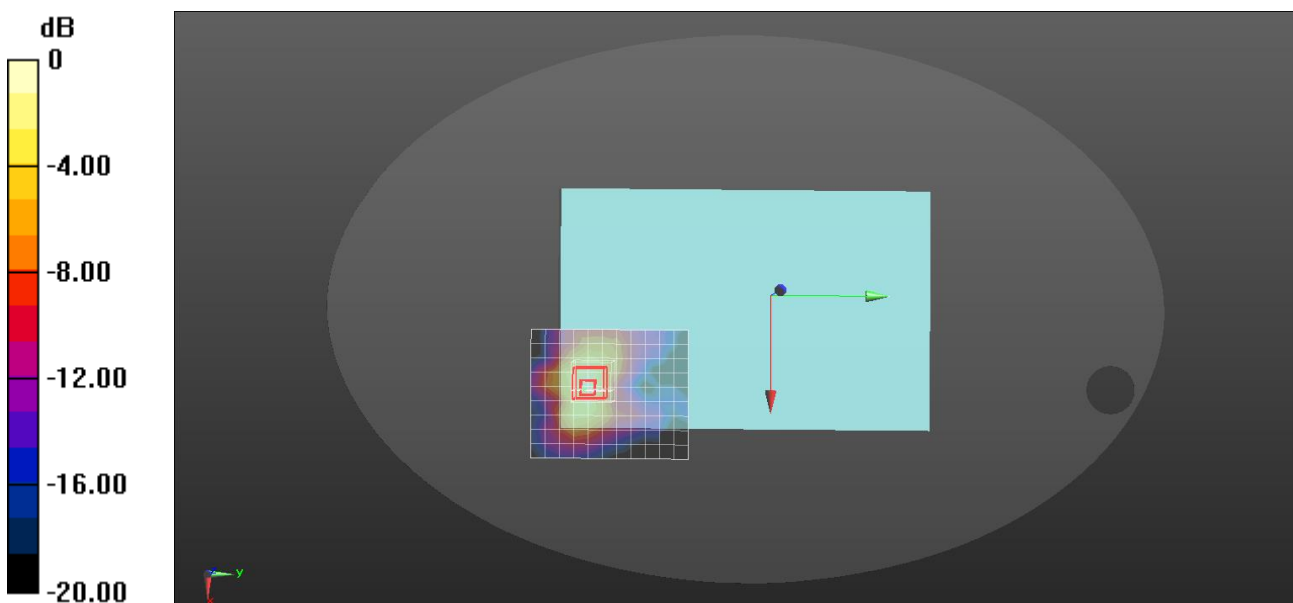
Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.168 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

Plot 30#

Test Date: 2025-04-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: BLE_1Mbps 2402MHz Body Back

Communication System: BLE; Frequency: 2402 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 40.82$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.37, 7.47, 7.05) @ 2402 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/BLE_1Mbps 2402MHz Body Back/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.00777 W/kg

Configuration/BLE_1Mbps 2402MHz Body Back/Zoom Scan (8x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 2.087 V/m; Power Drift = 0.10 dB

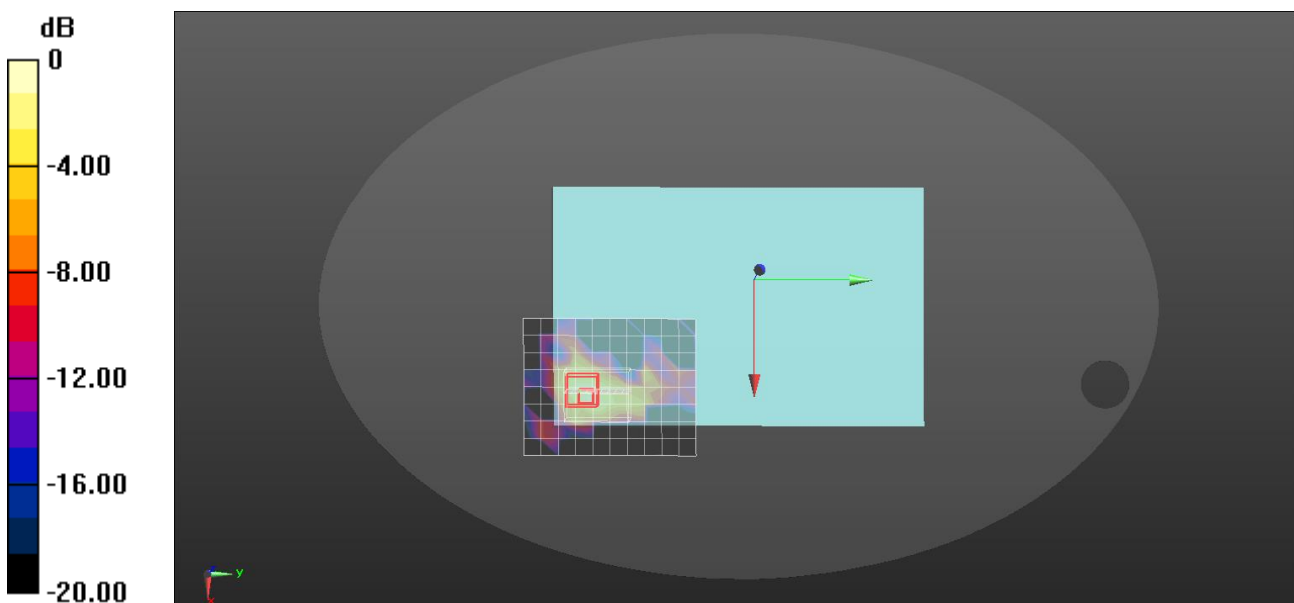
Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.00329 W/kg; SAR(10 g) = 0.000868 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 17.5 mm)

Ratio of SAR at M2 to SAR at M1 = 32.9%

Maximum value of SAR (measured) = 0.00909 W/kg



0 dB = 0.00909 W/kg = -20.41 dBW/kg

Plot 31#

Test Date: 2025-04-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: Bluetooth DH5 2480MHz Body Back

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.37, 7.47, 7.05) @ 2480 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/Bluetooth DH5 2480MHz Body Back/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0295 W/kg

Configuration/Bluetooth DH5 2480MHz Body Back/Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 4.146 V/m; Power Drift = 0.13 dB

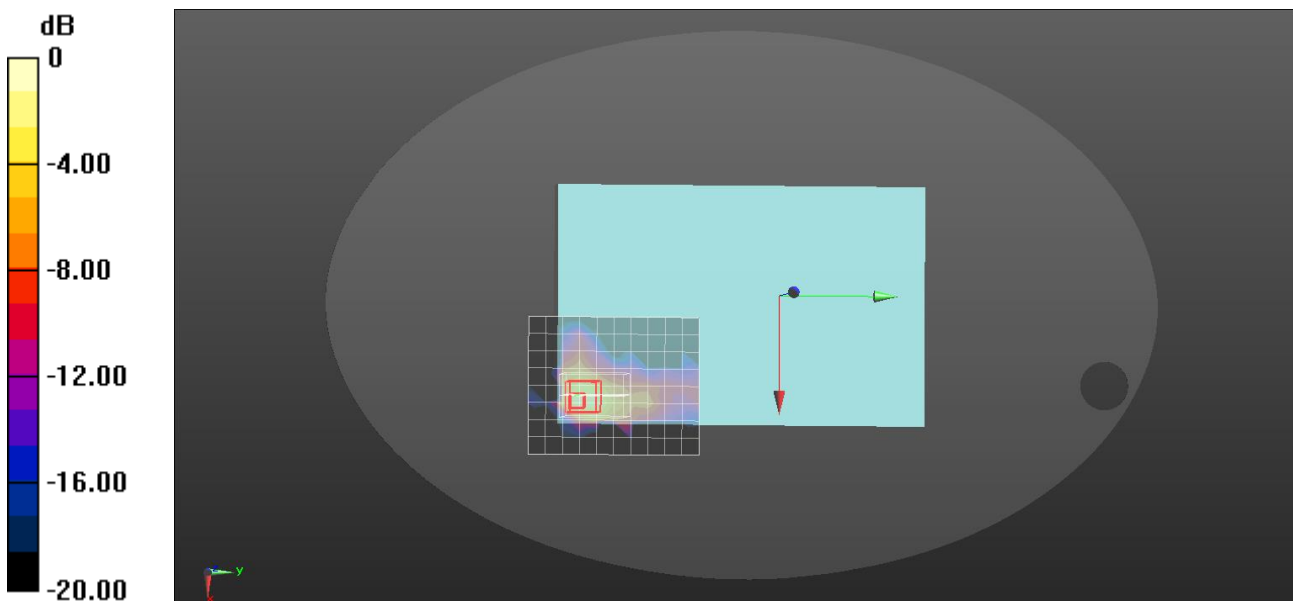
Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00886 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 0.0387 W/kg



0 dB = 0.0387 W/kg = -14.12 dBW/kg

Plot 32#

Test Date: 2025-04-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11b 2412MHz ANT2 Body Back

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 40.81$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(7.37, 7.47, 7.05) @ 2412 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11b 2412MHz ANT2 Body Back/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.630 W/kg

Configuration/802.11b 2412MHz ANT2 Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm; Reference Value = 16.14 V/m; Power Drift = 0.17 dB

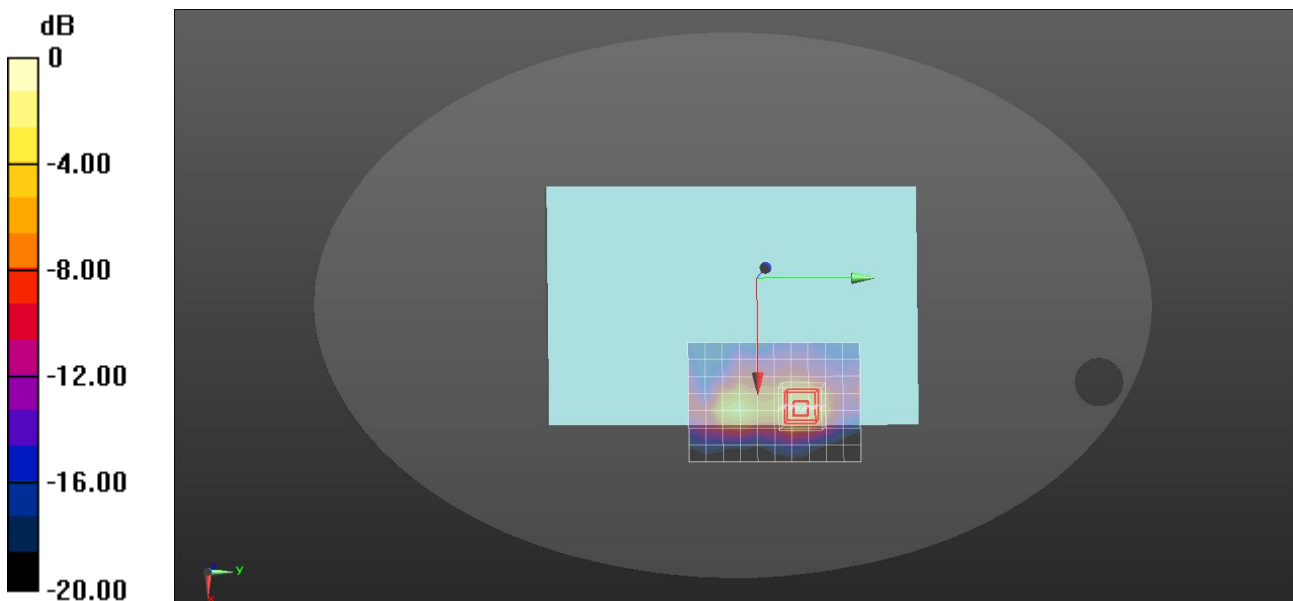
Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.196 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.720 W/kg



0 dB = 0.720 W/kg = -1.43 dBW/kg

Plot 33#

Test Date: 2025-04-23

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11a 5260MHz ANT2 Body Back

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.55$ S/m; $\epsilon_r = 35.74$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.46, 5.53, 5.22) @ 5260 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11a 5260MHz ANT2 Body Back/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.01 W/kg

Configuration/802.11a 5260MHz ANT2 Body Back/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 3.002 V/m; Power Drift = 0.19 dB

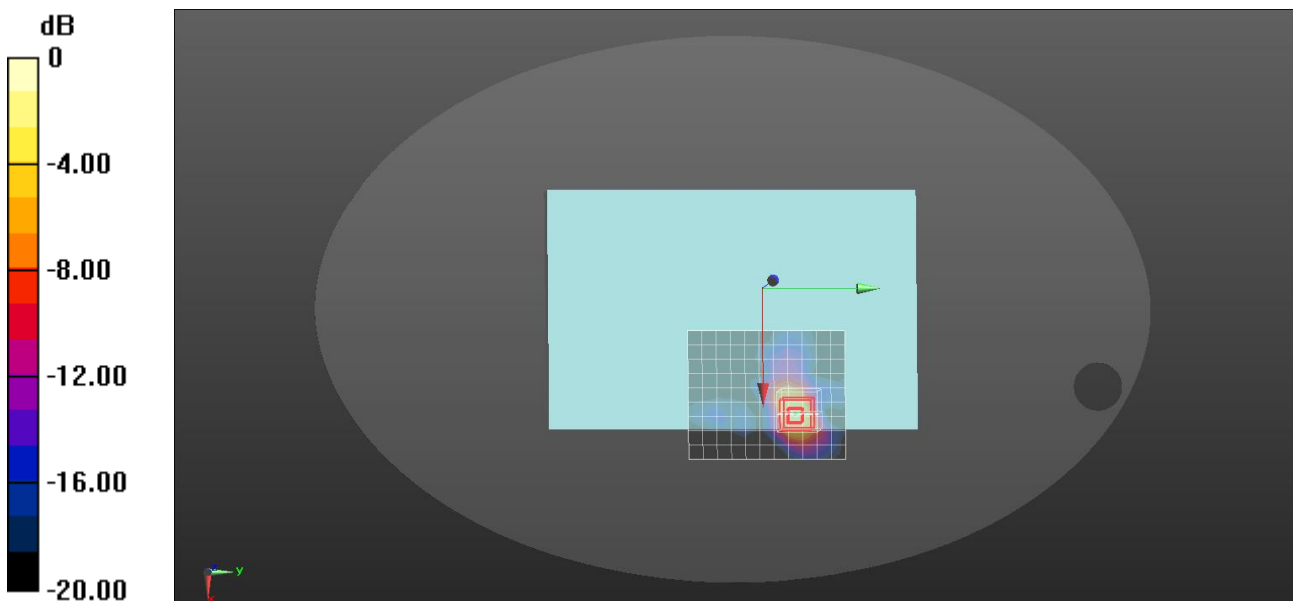
Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.168 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

Plot 34#

Test Date: 2025-04-24

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11a 5500MHz ANT2 Body Top

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.81$ S/m; $\epsilon_r = 35.32$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.13, 5.2, 4.91) @ 5500 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11a 5500MHz ANT2 Body Top/Area Scan (11x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.45 W/kg

Configuration/802.11a 5500MHz ANT2 Body Top/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 15.85 V/m; Power Drift = -0.01 dB

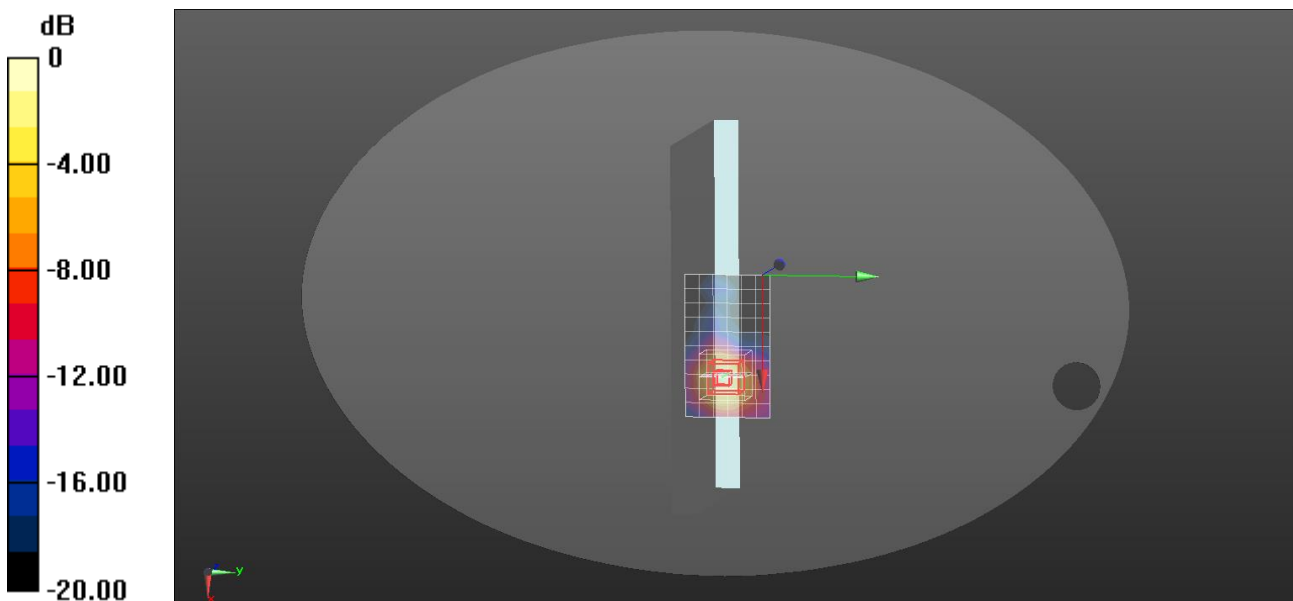
Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.247 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg