FCC SAR Test Report

Report No.	:	**SAR260330B001**
Applicant	:	**SHARP CORPORATION**
Address	:	**2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, Japan**
Manufacturer	:	**SHARP CORPORATION**
Address	:	**2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, Japan**
Product	:	**Smart Phone**
FCC ID	:	**APYHRO00341**
Brand	:	**SHARP**
Standards	:	**FCC 47 CFR Part 2 (2.1093) / IEEE C95.1:1992 / IEEE 1528:2013** **KDB 865664 D01 v01r04 / KDB 865664 D02 v01r02 / KDB 248227 D01 v02r02** **KDB 447498 D01 v06 / KDB 615223 D01 v01r01 / KDB 648474 D04 v01r03** **KDB 941225 D01 v03r01 / KDB 941225 D05 v02r05 / KDB 941225 D06 v02r01**
Sample Received Date	:	**Mar.19, 2026**
Date of Testing	:	**Mar.19, 2026 ~ Apr.19, 2026**
FCC Designation No.	:	**CN1429** **FCC Site Registration No. : 646781**

CERTIFICATION: The above equipment have been tested by **BOOMWAVE TEST (SHENZHEN) CO., LTD.,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's SAR characteristics under the conditions specified in this report. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product certification, approval, or endorsement by A2LA or any government agencies.

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Approved By : Simon Wang / Manager

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错误!未找到引用源。**. CONDUCTED POWER RESULT**
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Release Control Record

Report No.	Reason for Change	Date Issued
SAR260330B001	Initial release	Apr.21, 2026

1. Summary of Maximum SAR Value

Equipment Class	Mode	Highest Reported Head SAR_{1g} (W/kg)	Highest Reported Body-worn SAR1g (1.0 cm Gap) (W/kg)	Highest Reported Hotspot SAR1g (1.0 cm Gap) (W/kg)
PCE	GSM850	0.215	0.442	0.441
	GSM1900	0.149	0.437	0.480
	WCDMA II	0.094	0.427	0.428
	WCDMA IV	0.148	0.448	0.404
	WCDMA V	0.167	0.395	0.395
	LTE 2	0.119	0.485	0.475
	LTE 4	0.145	0.460	0.443
	LTE 5	0.176	0.377	0.374
	LTE 7	0.109	0.510	0.479
	LTE 12	0.130	0.237	0.326
	LTE 13	0.192	0.311	0.327
	LTE 17	0.147	0.275	0.372
	LTE 38	0.086	0.391	0.367
	LTE 41	0.095	0.458	0.428
	LTE 66	0.140	0.475	0.475
	LTE 66（ant2）	0.091	0.243	0.331
	n5	0.132	0.281	0.246
	n41	0.132	0.493	0.462
	n66	0.147	0.463	0.416
DTS	2.4G WLAN	0.300	0.051	0.096
NII	5.2G WLAN	0.973	0.242	0.342
	5.3G WLAN	0.951	0.225	NA
	5.6G WLAN	0.484	0.132	NA
	5.8G WLAN	0.718	0.256	0.287
DSS	Bluetooth	0.227	0.021	0.077
Highest Simultaneous Transmission SAR		Head (W/kg)	Body-worn (W/kg)	Hotspot (W/kg)
		1.484	0.982	1.013

Note:

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

2. Description of Equipment Under Test

EUT Type	Smart Phone
FCC ID	错误!未找到引用源。
Brand Name	SHARP 错误!未找到引用源。
IMEI Code	004401232130969
HW Version	DVT
SW Version	A2270
Tx Frequency Bands (Unit: MHz)	GSM850 : 824 ~ 849 GSM1900 : 1850 ~ 1910 WCDMA Band II : 1850 ~ 1910 WCDMA Band IV : 1719 ~ 1755 WCDMA Band V : 824 ~ 849 LTE Band 2 : 1850 ~ 1910 LTE Band 4 : 1710 ~ 1755 LTE Band 5 : 824 ~ 849 LTE Band 7 : 2500 ~ 2570 LTE Band 12 : 699 ~ 716 LTE Band 13 : 777 ~ 787 LTE Band 17 : 704 ~ 716 LTE Band 38 : 2570 ~ 2620 LTE Band 41 : 2496 ~ 2690 LTE Band 66 : 1710 ~ 1780 5G NR n5 : 824 ~ 849 5G NR n41 : 2496 ~ 2690 5G NR n66 : 1710 ~ 1780 WLAN : 2412 ~ 2462, 5180 ~ 5240, 5260 ~ 5320, 5500 ~ 5720, 5745 ~ 5825 Bluetooth : 2402 ~ 2480 NFC : 13.56
Uplink Modulations	GSM & GPRS: GMSK WCDMA : QPSK LTE : QPSK, 16QAM, 64QAM 5G NR : DFT-s-OFDM (π/2 BPSK,QPSK,16QAM,64QAM,256QAM) CP-OFDM (QPSK,16QAM,64QAM,256QAM) 802.11b : DSSS 802.11a/g/n/ac : OFDM 802.11ax : OFDMA 802.11be : OFDMA Bluetooth : GFSK, π/4-DQPSK, 8-DPSK, LE NFC：ASK
Maximum Tune-up Conducted Power (Unit: dBm)	Please refer to section 4.5.1 of this report.

Note:

1. The above EUT information is declared by manufacturer and for more detailed features description please refers to the manufacturer's specifications or User's Manual.

3. SAR Measurement System

3.1 Definition of Specific Absorption Rate (SAR)

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

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

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

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

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

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

3.2 SPEAG DASY System

DASY system consists of high precision robot, probe alignment sensor, phantom, robot controller, controlled measurement server and near-field probe. The robot includes six axes that can move to the precision position of the DASY5 software defined. The DASY software can define the area that is detected by the probe. The robot is connected to controlled box. Controlled measurement server is connected to the controlled robot box. The DAE includes amplifier, signal multiplexing, AD converter, offset measurement and surface detection. It is connected to the Electro-optical coupler (ECO). The ECO performs the conversion form the optical into digital electric signal of the DAE and transfers data to the PC.

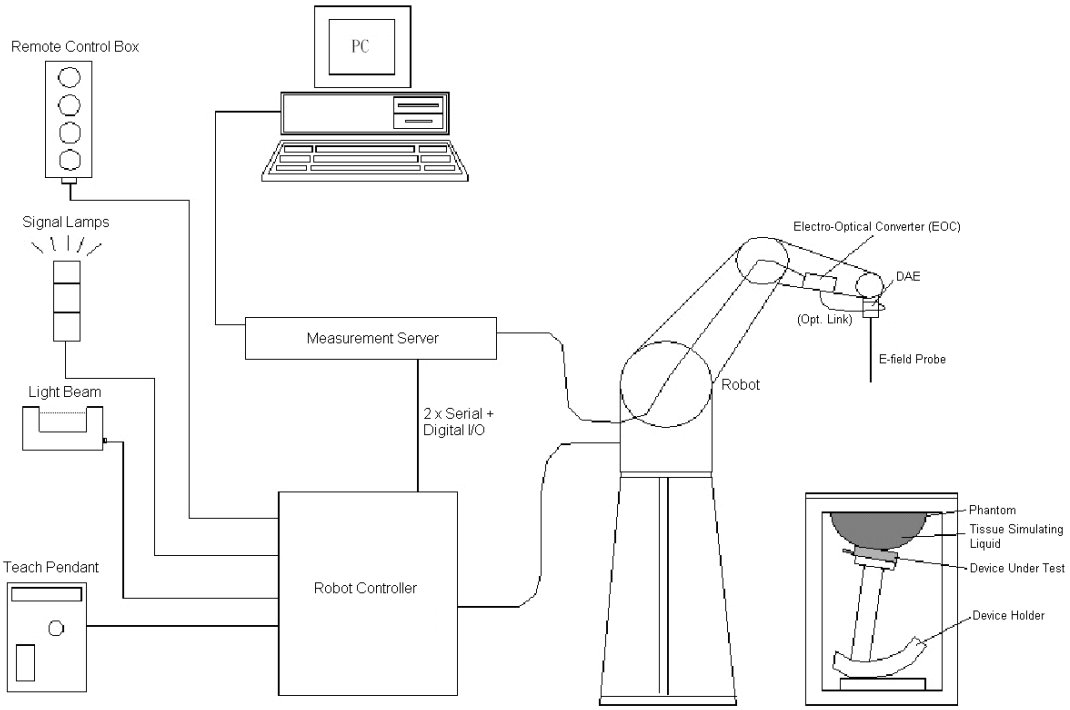


Fig-3.1 DASY System Setup

3.2.1 Robot

The DASY6 system uses the high precision robots from Stäubli SA (France). For the 6-axis controller system, the robot controller version (DASY6 : CS8c) from Stäubli is used. The Stäubli robot series have many features that are important for our application:

- High precision (repeatability ±0.035 mm)
- High reliability (industrial design)
- Jerk-free straight movements
- Low ELF interference (the closed metallic construction shields against motor control fields)



Fig-3.2 DASY6

3.2.2 Probes

The SAR measurement is conducted with the dosimetric probe. 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.

Model	EX3DV4	
Construction	Symmetrical design with triangular core. Built-in shielding against static charges. PEEK enclosure material (resistant to organic solvents, e.g., DGBE).	
Frequency	10 MHz to 6 GHz Linearity: ± 0.2 dB	
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)	
Dynamic Range	10 µW/g to 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/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	

Model	ES3DV3	
Construction	Symmetrical design with triangular core. Interleaved sensors. Built-in shielding against static charges. PEEK enclosure material (resistant to organic solvents, e.g., DGBE).	
Frequency	10 MHz to 4 GHz Linearity: ± 0.2 dB	
Directivity	± 0.2 dB in HSL (rotation around probe axis) ± 0.3 dB in tissue material (rotation normal to probe axis)	
Dynamic Range	5 µW/g to 100 mW/g Linearity: ± 0.2 dB	
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 3.9 mm (Body: 12 mm) Distance from probe tip to dipole centers: 2.0 mm	

3.2.3 Data Acquisition Electronics (DAE)

Model	DAE3, DAE4	
Construction	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.	
Measurement Range	-100 to +300 mV (16 bit resolution and two range settings: 4mV, 400mV)	
Input Offset Voltage	< 5µV (with auto zero)	
Input Bias Current	< 50 fA	
Dimensions	60 x 60 x 68 mm	

3.2.4 Phantoms

Model	Twin SAM	
Construction	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.	
Material	Vinylester, glass fiber reinforced (VE-GF)	
Shell Thickness	2 ± 0.2 mm (6 ± 0.2 mm at ear point)	
Dimensions	Length: 1000 mm Width: 500 mm Height: adjustable feet	
Filling Volume	approx. 25 liters	

Model	ELI	
Construction	Phantom 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.	
Material	Vinylester, glass fiber reinforced (VE-GF)	
Shell Thickness	2.0 ± 0.2 mm (bottom plate)	
Dimensions	Major axis: 600 mm Minor axis: 400 mm	
Filling Volume	approx. 30 liters	

3.2.5 Device Holder

Model	Mounting Device	
Construction	In combination with the Twin SAM Phantom or ELI4, the Mounting Device enables the rotation of the mounted transmitter device in spherical coordinates. Rotation point is the ear opening point. Transmitter devices can be easily and accurately positioned according to IEC, IEEE, FCC or other specifications. The device holder can be locked for positioning at different phantom sections (left head, right head, flat).	
Material	POM	

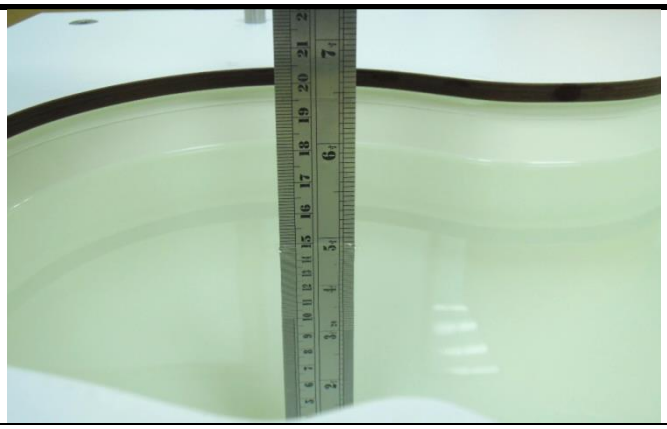
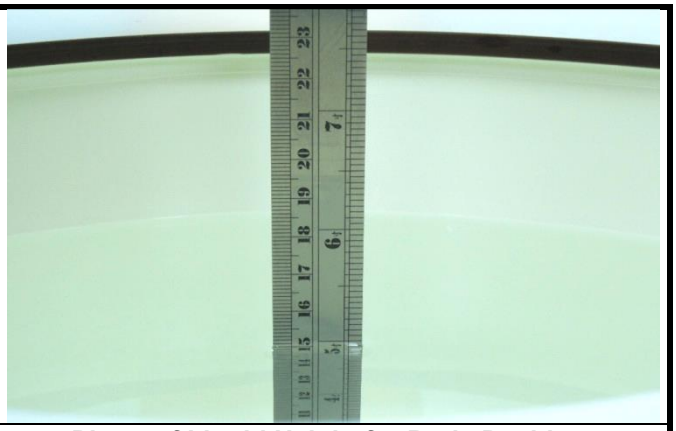
Model	Laptop Extensions Kit	
Construction	Simple but effective and easy-to-use extension for Mounting Device that facilitates the testing of larger devices according to IEC 62209-2 (e.g., laptops, cameras, etc.). It is lightweight and fits easily on the upper part of the Mounting Device in place of the phone positioner.	
Material	POM, Acrylic glass, Foam	

3.2.6 System Validation Dipoles

Model	D-Serial	
Construction	Symmetrical dipole with l/4 balun. Enables measurement of feed point impedance with NWA. Matched for use near flat phantoms filled with tissue simulating solutions.	
Frequency	750 MHz to 5800 MHz	
Return Loss	> 20 dB	
Power Capability	> 100 W (f < 1GHz), > 40 W (f > 1GHz)	

3.2.7 Tissue Simulating Liquids

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5% are listed in Table-3.1.

	
Photo of Liquid Height for Head Position	**Photo of Liquid Height for Body Position**

The dielectric properties of the head tissue simulating liquids are defined in IEEE 1528, and KDB 865664 D01 Appendix A. For the body tissue simulating liquids, the dielectric properties are defined in KDB 865664 D01 Appendix A. The dielectric properties of the tissue simulating liquids were verified prior to the SAR evaluation using a dielectric assessment kit and a network analyzer.

Table-3.1 Targets of Tissue Simulating Liquid

Frequency (MHz)	Target Permittivity	Range of ±5%	Target Conductivity	Range of ±5%
For Head				
750	41.9	39.8 ~ 44.0	0.89	0.85 ~ 0.93
835	41.5	39.4 ~ 43.6	0.90	0.86 ~ 0.95
900	41.5	39.4 ~ 43.6	0.97	0.92 ~ 1.02
1450	40.5	38.5 ~ 42.5	1.20	1.14 ~ 1.26
1640	40.3	38.3 ~ 42.3	1.29	1.23 ~ 1.35
1750	40.1	38.1 ~ 42.1	1.37	1.30 ~ 1.44
1800	40.0	38.0 ~ 42.0	1.40	1.33 ~ 1.47
1900	40.0	38.0 ~ 42.0	1.40	1.33 ~ 1.47
2000	40.0	38.0 ~ 42.0	1.40	1.33 ~ 1.47
2300	39.5	37.5 ~ 41.5	1.67	1.59 ~ 1.75
2450	39.2	37.2 ~ 41.2	1.80	1.71 ~ 1.89
2600	39.0	37.1 ~ 41.0	1.96	1.86 ~ 2.06
3500	37.9	36.0 ~ 39.8	2.91	2.76 ~ 3.06
5200	36.0	34.2 ~ 37.8	4.66	4.43 ~ 4.89
5300	35.9	34.1 ~ 37.7	4.76	4.52 ~ 5.00
5500	35.6	33.8 ~ 37.4	4.96	4.71 ~ 5.21
5600	35.5	33.7 ~ 37.3	5.07	4.82 ~ 5.32
5800	35.3	33.5 ~ 37.1	5.27	5.01 ~ 5.53

The following table gives the recipes for tissue simulating liquids.

Table-3.2 Recipes of Tissue Simulating Liquid

Tissue Type	Bactericide	DGBE	HEC	NaCl	Sucrose	Triton X-100	Water	Diethylene Glycol Mono-hexylether
H750	0.2	-	0.2	1.5	56.0	-	42.1	-
H835	0.2	-	0.2	1.5	57.0	-	41.1	-
H900	0.2	-	0.2	1.4	58.0	-	40.2	-
H1450	-	43.3	-	0.6	-	-	56.1	-
H1640	-	45.8	-	0.5	-	-	53.7	-
H1750	-	47.0	-	0.4	-	-	52.6	-
H1800	-	44.5	-	0.3	-	-	55.2	-
H1900	-	44.5	-	0.2	-	-	55.3	-
H2000	-	44.5	-	0.1	-	-	55.4	-
H2300	-	44.9	-	0.1	-	-	55.0	-
H2450	-	45.0	-	0.1	-	-	54.9	-
H2600	-	45.1	-	0.1	-	-	54.8	-
H3500	-	28.0	-	0.2	-	20.0	71.8	-
H5G	-	-	-	-	-	17.2	65.5	17.3

3.3 SAR System Verification

The system check verifies that the system operates within its specifications. It is performed daily or before every SAR measurement. The system check uses normal SAR measurements in the flat section of the phantom with a matched dipole at a specified distance. The system verification setup is shown as below.

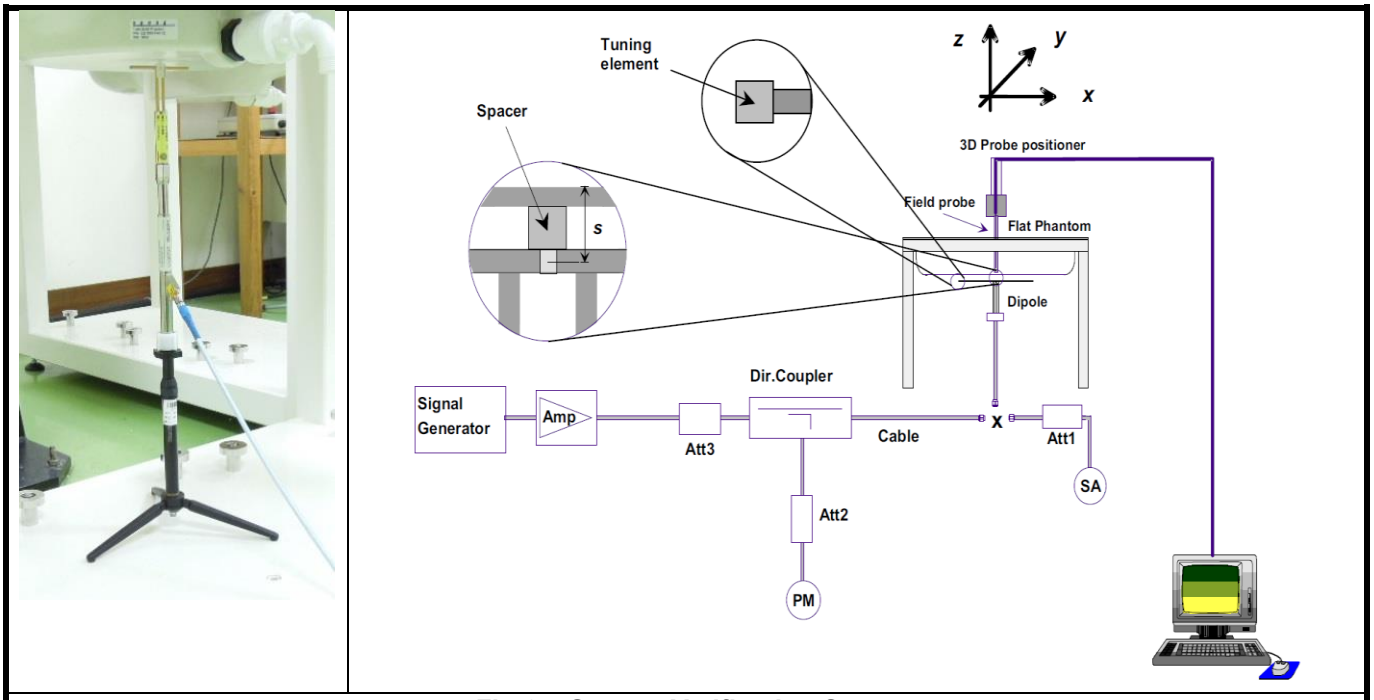


Fig-3.4 System Verification Setup

The validation dipole is placed beneath the flat phantom with the specific spacer in place. The distance spacer is touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The spectrum analyzer measures the forward power at the location of the system check dipole connector. The signal generator is adjusted for the desired forward power (250 mW is used for 700 MHz to 3 GHz, 100 mW is used for 3.5 GHz to 6 GHz) at the dipole connector and the power meter is read at that level. After connecting the cable to the dipole, the signal generator is readjusted for the same reading at power meter.

After system check testing, the SAR result will be normalized to 1W forward input power and compared with the reference SAR value derived from validation dipole certificate report. The deviation of system check should be within 10 %.

3.4 SAR Measurement Procedure

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

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

The SAR measurement procedures for each of test conditions are as follows:

(a) Make EUT to transmit maximum output power
(b) Measure conducted output power through RF cable
(c) Place the EUT in the specific position of phantom
(d) Perform SAR testing steps on the DASY system
(e) Record the SAR value

3.4.1 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. According to KDB 865664 D01, the resolution for Area and Zoom scan is specified in the table below.

Items	<= 2 GHz	2-3 GHz	3-4 GHz	4-5 GHz	5-6 GHz
Area Scan (Δx, Δy)	<= 15 mm	<= 12 mm	<= 12 mm	<= 10 mm	<= 10 mm
Zoom Scan (Δx, Δy)	<= 8 mm	<= 5 mm	<= 5 mm	<= 4 mm	<= 4 mm
Zoom Scan (Δz)	<= 5 mm	<= 5 mm	<= 4 mm	<= 3 mm	<= 2 mm
Zoom Scan Volume	>= 30 mm	>= 30 mm	>= 28 mm	>= 25 mm	>= 22 mm

Note:

When zoom scan is required and report SAR is <= 1.4 W/kg, the zoom scan resolution of Δx / Δy (2-3GHz: <= 8 mm, 3-4GHz: <= 7 mm, 4-6GHz: <= 5 mm) may be applied.

3.4.2 Volume Scan Procedure

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

3.4.3 Power Drift Monitoring

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

3.4.4 Spatial Peak SAR Evaluation

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

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

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

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

3.4.5 SAR Averaged Methods

In DASY, the interpolation and extrapolation are both based on the modified Quadratic Shepard's method. The interpolation scheme combines a least-square fitted function method and a weighted average method which are the two basic types of computational interpolation and approximation.

Extrapolation routines are used to obtain SAR values between the lowest measurement points and the inner phantom surface. The extrapolation distance is determined by the surface detection distance and the probe sensor offset. The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5 mm.

4. SAR Measurement Evaluation

4.1 EUT Configuration and Setting

<Connections between EUT and System Simulator>

For WWAN SAR testing, the EUT was linked and controlled by base station emulator (Agilent E5515C is used for GSM/WCDMA/CDMA, and Anritsu MT8820C is used for LTE). Communication between the EUT and the emulator was established by air link. The distance between the EUT and the communicating antenna of the emulator is larger than 50 cm and the output power radiated from the emulator antenna is at least 30 dB smaller than the output power of EUT. The EUT was set from the emulator to radiate maximum output power during SAR testing.

<Considerations Related to GSM / GPRS / EDGE for Setup and Testing>

The maximum multi-slot capability supported by this device is as below.

1. This EUT is class B device
2. This EUT supports GPRS multi-slot class 33 (max. uplink: 4, max. downlink: 5, total timeslots: 6)
3. This EUT supports EDGE multi-slot class 33 (max. uplink: 4, max. downlink: 5, total timeslots: 6)

For GSM850 frequency band, the power control level is set to 5 for GSM mode and GPRS (GMSK: CS1), and set to 8 for EDGE (GMSK: MCS1, 8PSK: MCS9). For GSM1900 frequency band, the power control level is set to 0 for GSM mode and GPRS (GMSK: CS1), and set to 2 for EDGE (GMSK: MCS1, 8PSK: MCS9).

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

<Considerations Related to WCDMA for Setup and Testing>

WCDMA Handsets Head SAR

SAR for next to the ear head exposure 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 AMR configurations with 12.2 kbps RMC as the primary mode.

WCDMA Handsets Body-worn SAR

SAR for body-worn configurations 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 $DPDCH_n$ configurations supported by the handset with 12.2 kbps RMC as the primary mode.

Handsets with Release 5 HSDPA

The 3G SAR test reduction procedure is applied to HSDPA body-worn configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSDPA using the HSDPA body SAR procedures in the “Release 5 HSDPA Data Devices”, for the highest reported SAR body-worn exposure configuration in 12.2 kbps RMC. Handsets with both HSDPA and HSUPA are tested according to Release 6 HSPA test procedures.

Handsets with Release 6 HSUPA

The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) body-worn configurations with

12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSPA using the HSPA body SAR procedures in the “Release 6 HSPA Data Devices”, for the highest reported body-worn exposure SAR configuration in 12.2 kbps RMC. When VOIP is applicable for next to the ear head exposure in HSPA, the 3G SAR test reduction procedure is applied to HSPA with 12.2 kbps RMC as the primary mode; otherwise, the same HSPA configuration used for body-worn measurements is tested for next to the ear head exposure.

Release 5 HSDPA Data Devices

The 3G SAR test reduction procedure is applied to body SAR with 12.2 kbps RMC as the primary mode. Otherwise, body SAR for HSDPA is measured using an FRC with H-Set 1 in Sub-test 1 and a 12.2 kbps RMC configured in Test Loop Mode 1, for the highest reported SAR configuration in 12.2 kbps RMC without HSDPA. HSDPA is configured according to the applicable UE category of a test device. The number of HS-DSCH / HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission conditions, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4 ms and a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. DPCCH and DPDCH gain factors (β_c, β_d), and HS-DPCCH power offset parameters (Δ_{ACK}, Δ_{NACK}, Δ_{CQI}) are set according to values indicated in below. The CQI value is determined by the UE category, transport block size, number of HS-PDSCHs and modulation used in the H-set.

Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{hs} (1)	CM (dB)(2)	MPR
1	2 / 15	15 / 15	64	2 / 15	4 / 15	0.0	0
2	12 / 15 (3)	15 / 15 (3)	64	12 / 15 (3)	24 / 15	1.0	0
3	15 / 15	8 / 15	64	15 / 8	30 / 15	1.5	0.5
4	15 / 15	4 / 15	64	15 / 4	30 / 15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 $\Leftrightarrow$ A_{hs} = β_{hs} / β_c = 30 / 15 $\Leftrightarrow$ β_{hs} = 30 / 15 * β_c.
Note 2: CM = 1 for β_c / β_d = 12 / 15, β_{hs} / β_c = 24 / 15.
Note 3: For subtest 2 the β_c / β_d ratio of 12 / 15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 11 / 15 and β_d = 15 / 15.

Release 6 HSUPA Data Devices

The 3G SAR test reduction procedure is applied to body SAR with 12.2 kbps RMC as the primary mode. Otherwise, body SAR for HSPA is measured with E-DCH Sub-test 5, using H-Set 1 and QPSK for FRC and a 12.2 kbps RMC configured in Test Loop Mode 1 and power control algorithm 2, according to the highest reported body SAR configuration in 12.2 kbps RMC without HSPA. When VOIP applies to head exposure, the 3G SAR test reduction procedure is applied with 12.2 kbps RMC as the primary mode. Otherwise, the same HSPA configuration used for body SAR measurements are applied to head exposure testing. Due to inner loop power control requirements in HSPA, a communication test set is required for output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSPA are configured according to the β values indicated in below.

Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{hs} (1)	β_{ec}	β_{ed}	β_{ed} (SF)	β_{ed} (codes)	CM (2) (dB)	MPR (dB)	AG (4) Index	E-TFCI
1	11 / 15 (3)	15 / 15 (3)	64	11 / 15 (3)	22 / 15	209 / 225	1039 / 225	4	1	1.0	0.0	20	75
2	6 / 15	15 / 15	64	6 / 15	12 / 15	12 / 15	94 / 75	4	1	3.0	2.0	12	67
3	15 / 15	9 / 15	64	15 / 9	30 / 15	30 / 15	β_{ed1}: 47/15 β_{ed2}: 47/15	4	2	2.0	1.0	15	92
4	2 / 15	15 / 15	64	2 / 15	4 / 15	2 / 15	56 / 75	4	1	3.0	2.0	17	71
5	15 / 15 (4)	15 / 15 (4)	64	15 / 15 (4)	30 / 15	24 / 15	134 / 15	4	1	1.0	0.0	21	81

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 $\Leftrightarrow$ A_{hs} = β_{hs} / β_c = 30 / 15 $\Leftrightarrow$ β_{hs} = 30 / 15 * β_c.
Note 2: CM = 1 for β_c / β_d = 12 / 15, β_{hs} / β_c = 24 / 15. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.
Note 3: For subtest 1 the β_c / β_d ratio of 11 / 15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 10 / 15 and β_d = 15 / 15.
Note 4: For subtest 5 the β_c / β_d ratio of 15 / 15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 14 / 15 and β_d = 15 / 15.
Note 5: Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.
Note 6: β_{ed} cannot be set directly; it is set by Absolute Grant Value.

<Considerations Related to LTE for Setup and Testing>

This device contains LTE transmitter which follows 3GPP standards, supports both QPSK 16QAM and 64QAM modulations, and supported LTE band and channel bandwidth is listed in below. The output power was tested per 3GPP TS 36.521-1 maximum transmit procedures for both QPSK 16QAM and 64QAM modulation.

PP TS 36.101 is active all times during LTE operation. The allowed MPR for the maximum output power is specified in below.

Modulation	Channel Bandwidth / RB Configurations						LTE MPR Setting (dB)
	BW 1.4 MHz	BW 3 MHz	BW 5 MHz	BW 10 MHz	BW 15 MHz	BW 20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	1
16QAM	<= 5	<= 4	<= 8	<= 12	<= 16	<= 18	1
16QAM	> 5	> 4	> 8	> 12	> 16	> 18	2
64QAM	<= 5	<= 4	<= 8	<= 12	<= 16	<= 18	2
64QAM	> 5	> 4	> 8	> 12	> 16	> 18	3

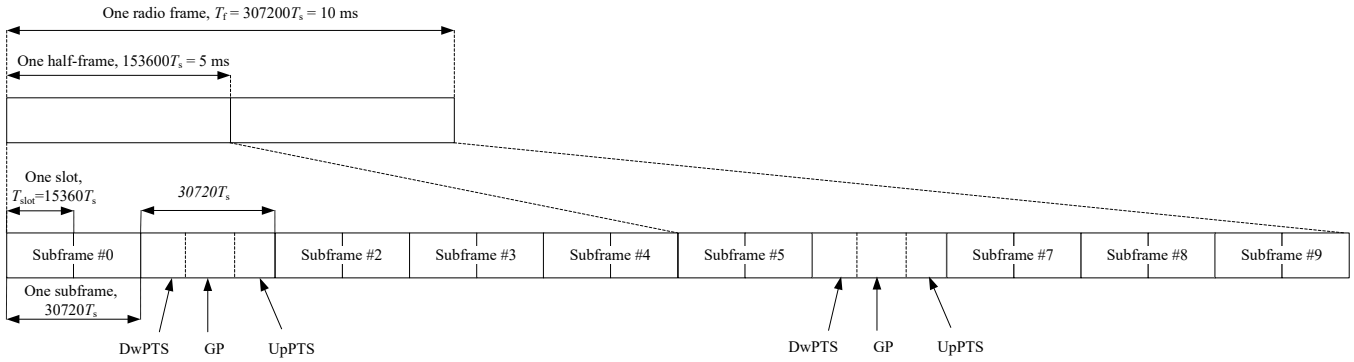
Note: MPR is according to the standard and implemented in the circuit (mandatory).

In addition, the device is compliant with additional maximum power reduction (A-MPR) requirements defined in 3GPP TS 36.101 section 6.2.4 that was disabled for all FCC compliance testing.

During LTE SAR testing, the related parameters of operating band, channel bandwidth, uplink channel number, modulation type, and RB was set in base station simulator. When the EUT has registered and communicated to base station simulator, the simulator set to make EUT transmitting the maximum radiated power.

TDD-LTE Setup Configurations

According to KDB 941225 D05, SAR testing for TDD-LTE device must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP TDD-LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be referred to below.



3GPP TS 36.211 Figure 4.2-1: Frame Structure Type 2

Special Subframe Configuration	Normal Cyclic Prefix in Downlink			Extended Cyclic Prefix in Downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal Cyclic Prefix in Uplink	Extended Cyclic Prefix in Uplink		Normal Cyclic Prefix in Uplink	Extended Cyclic Prefix in Uplink
0	6592 • Ts	2192 • Ts	2560 • Ts	7680 • Ts	2192 • Ts	2560 • Ts
1	19760 • Ts			20480 • Ts		
2	21952 • Ts			23040 • Ts		
3	24144 • Ts			25600 • Ts		
4	26336 • Ts			7680 • Ts	4384 • Ts	5120 • Ts
5	6592 • Ts	4384 • Ts	5120 • Ts	20480 • Ts		
6	19760 • Ts			23040 • Ts		
7	21952 • Ts			12800 • Ts		
8	24144 • Ts			-	-	-
9	13168 • Ts			-	-	-

3GPP TS 36.211 Table 4.2-1: Configuration of Special Subframe

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-Point Periodicity	Subframe Number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

3GPP TS 36.211 Table 4.2-2: Uplink-Downlink Configurations

The variety of different TD-LTE uplink-downlink configurations allows a network operator to allocate the network's capacity between uplink and downlink traffic to meet the needs of the network. The uplink duty cycle of these seven configurations can readily be computed and shown in below.

UL-DL Configuration	0	1	2	3	4	5	6
Highest Duty-Cycle	63.33%	43.33%	23.33%	31.67%	21.67%	11.67%	53.33%

<Considerations Related to 5G NR for Setup and Testing>

1.The 5G NR supports NSA mode.The details are as follows.

Mode	Band	Duplex	LTE Anchor Band	SCS(KHz)	BW(M)
NSA	5G NR n5	FDD	LTE 66	15	5, 10, 15, 20
	5G NR n41	TDD	LTE 66	30	10, 20, 30, 40, 50, 60, 70, 80, 90, 100
	5G NR n66	FDD	LTE 13	15	5, 10, 15, 20, 25, 30, 40

2. For 5G NR test procedure was following step similar FCC KDB 941225 D05:

(1) For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KB 941225 D05 procedure for other modulation output power for each RB allocation configuration is > not ½ dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg; CP-OFDM testing is not required.

(2) For DFT-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, for 16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the 16QAM/64QAM/256QAM and smaller bandwidth output power will not ½ dB higher than the same configuration in the largest supported bandwidth.

(3) SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offset at the upper edge, middle and lower edge of each required test channel.

(4) 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

(5) 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 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.

(6) PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK/16QAM/64QAM/256QAM SAR testing are not required.

(7) Smaller bandwidth output power for each RB allocation configuration for this device will not. ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

3. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission.

4. NSA and SA mode should perform SAR separately. For the maximum power of NSA mode is the same as SA total power level. So SA SAR can represent NSA mode SAR.

5. 5GNR NSA mode, the power level is the same as 5GNR SA mode, so 5GNR NSA mode and SA mode power

table only show one time.

6. 5G NR supports CP-OFDM and DFT-s-OFDM modulation, for DFT-s-OFDM power is higher than CP-OFDM, so only show DFT-s-OFDM power able and chose DFT-s-OFDM to perform SAR testing.

7. For DFT-s-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for the CP-OFDM mode will not higher than DFT-s-OFDM mode, therefore, CP-OFDM measurement is unnecessary.

Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5[1] ≤ 0.5[2]	≤ 1.2[1] ≤ 0.5[2]	≤ 0.2[1] 0[2]
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

<Considerations Related to WLAN for Setup and Testing>

In general, various vendor specific external test software and chipset based internal test modes are typically used for SAR measurement. These chipset based test mode utilities are generally hardware and manufacturer dependent, and often include substantial flexibility to reconfigure or reprogram a device. A Wi-Fi device must be configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools for SAR measurement. The test frequencies established using test mode must correspond to the actual channel frequencies. When 802.11 frame gaps are accounted for in the transmission, a maximum transmission duty factor of 92 - 96% is typically achievable in most test mode configurations. A minimum transmission duty factor of 85% is required to avoid certain hardware and device

implementation issues related to wide range SAR scaling. In addition, a periodic transmission duty factor is required for current generation SAR systems to measure SAR correctly. The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

According to KDB 248227 D01, this device has installed WLAN engineering testing software which can provide continuous transmitting RF signal. During WLAN SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

Initial Test Configuration

An initial test configuration is determined for OFDM transmission modes in 2.4 GHz and 5 GHz bands according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band.

Subsequent Test Configuration

SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units. Additional power measurements may be required to determine if SAR measurements are required for subsequent highest output power channels in a subsequent test configuration. When the highest reported SAR for the initial test configuration 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.

SAR Test Configuration and Channel Selection

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is using largest channel bandwidth, lowest order modulation, lowest data rate, and lowest order 802.11 mode (i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n). After an initial test configuration is determined, if multiple test channels have the same measured maximum output power, the channel chosen for SAR measurement is determined according to the following.

1) The channel closest to mid-band frequency is selected for SAR measurement.

2) For channels with equal separation from mid-band frequency; for example, high and low channels or two mid-band channels, the higher frequency (number) channel is selected for SAR measurement.

Test Reduction for U-NII-1 (5.2 GHz) and U-NII-2A (5.3 GHz) Bands

For devices that operate in both U-NII bands using the same transmitter and antenna(s), SAR test reduction is determined according to the following.

1) When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition).

2) When different maximum output power is specified for the bands, begin SAR measurement in the band with

higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration.

<Considerations Related to Bluetooth for Setup and Testing>

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

4.2 EUT Testing Position

This variant report is made for verification. All the worst SAR configurations specified in the original SAR report was repeated and verified to ensure the device remains compliant.

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

4.2.1 Head Exposure Conditions

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

1. Define two imaginary lines on the handset

(a) The vertical centerline passes through two points on the front side of the handset - the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the bottom of the handset.

(b) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.

(c) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.

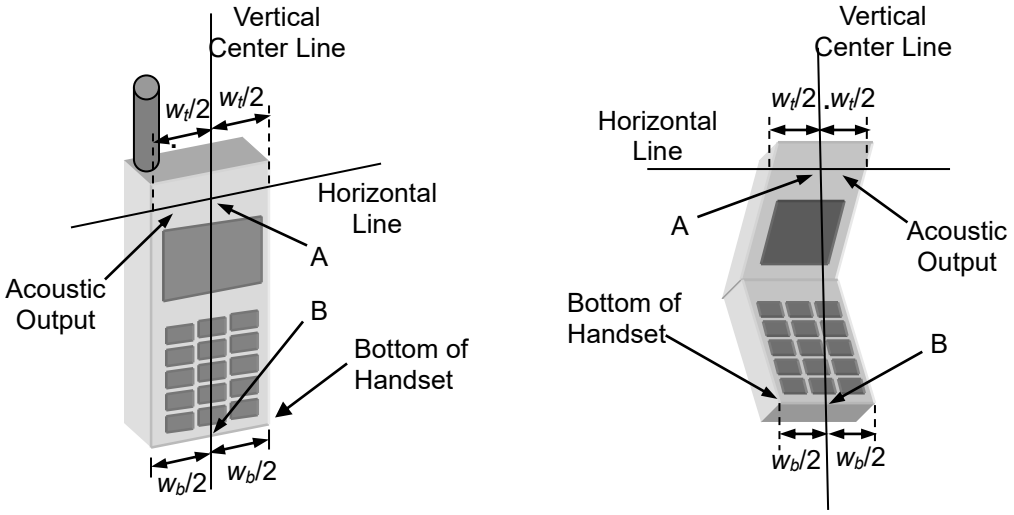


Fig-4.1 Illustration for Handset Vertical and Horizontal Reference Lines

2. Cheek Position

(a) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.

(b) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost (see Fig-4.2).

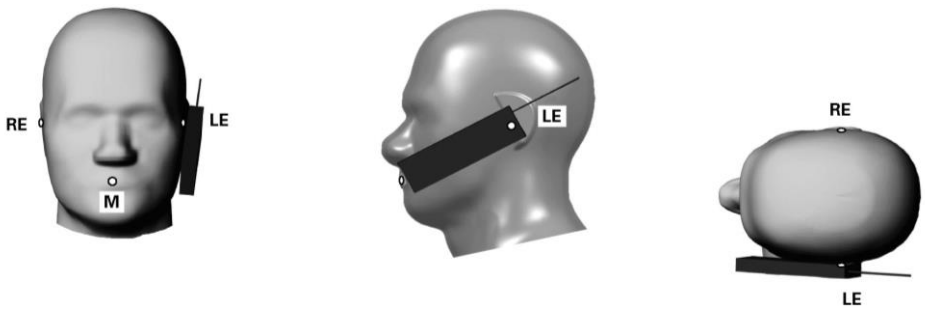


Fig-4.2 Illustration for Cheek Position

3. Tilted Position

(a) To position the device in the “cheek” position described above.

(b) While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost (see Fig-4.3).

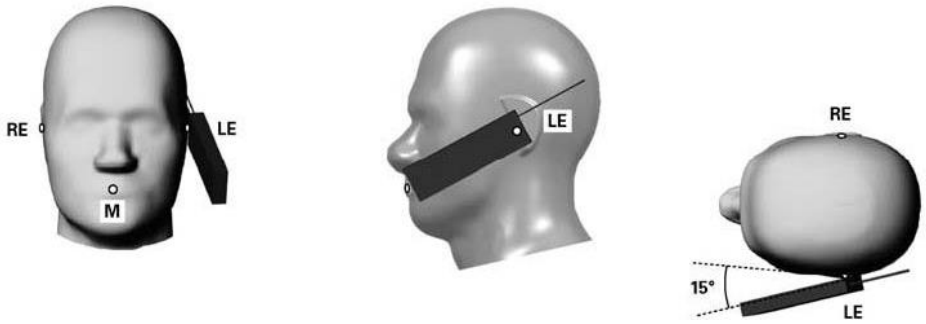


Fig-4.3 Illustration for Tilted Position

4.2.2 Body-worn Accessory Exposure Conditions

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB 447498 D01 are used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode. When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

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

Body-worn accessory SAR compliance is based on a single minimum test separation distance for all wireless and operating modes applicable to each body-worn accessory used by the host, and according to the relevant voice and/or data mode transmissions and operations. If a body-worn accessory supports voice only operations in its normal and expected use conditions, testing of data mode for body-worn compliance is not required.

A conservative minimum test separation distance for supporting off-the-shelf body-worn accessories that may be acquired by users of consumer handsets is used to test for body-worn accessory SAR compliance. This distance is determined by the handset manufacturer, according to the requirements of Supplement C 01-01. Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, will be tested using a conservative minimum test separation distance <= 5 mm to support compliance.

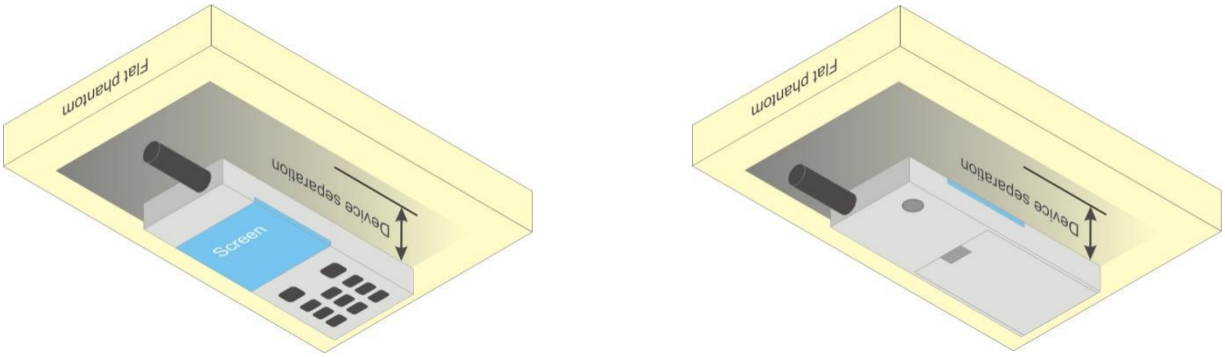
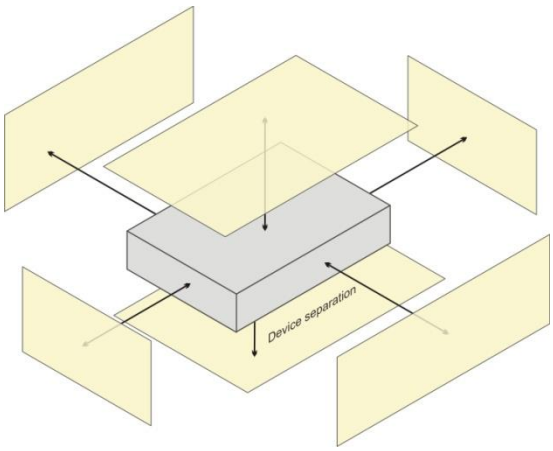


Fig-4.4 Illustration for Body Worn Position

4.2.3 Hotspot Mode Exposure Conditions

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing functions, the relevant hand and body exposure conditions are tested according to the hotspot SAR procedures in KDB 941225 D06. A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge. When the form factor of a handset is smaller than 9 cm x 5 cm, a test separation distance of 5 mm (instead of 10 mm) is required for testing hotspot mode. When the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).



Based on the antenna location shown on appendix E of this report, the SAR testing required for hotspot mode is listed as below.

Test and antenna position describe as follow:

Note:defined these positions (Back, Front, left, right, Top, Bottom) when facing the DUT screen.

Licensed antenna	Position	Distances to edge (mm)	Test or not	Note
Ant1	Back	0.0	YES	GSM1900 WCDMA Band II/IV LTE Band 2/4/7/38/41/66 NR n41/66
	Front	8.0	YES	
	Top	130.0	NO	
	Bottom	0.0	YES	
	Left	70.0	NO	
	Right	0.0	YES	
Ant2	Back	0.0	YES	GSM850 WCDMA Band V LTE Band 5/12/13/17 NR n5
	Front	8.0	YES	
	Top	130.0	NO	
	Bottom	0.0	YES	
	Left	0.0	YES	
	Right	70.0	NO	

Unlicensed MIMO	Position	Distances to edge (mm)	Test or not	Note
Ant3	Back	0.0	YES	BT/Wi-Fi2.4GHz/Wi-Fi5GHz
	Front	8.0	YES	
	Top	15.0	YES	
	Bottom	115.0	NO	
	Left	0.0	YES	
	Right	70.0	NO	
Ant7	Back	0.0	YES	
	Front	8.0	YES	
	Top	8.0	YES	
	Bottom	122.0	NO	
	Left	70.0	NO	
	Right	0.0	YES	

4.3 Tissue Verification

The measuring results for tissue simulating liquid are shown as below.

Freq.(MHz)	Date	Liquid parameters	Measured	Target	Delta (%)	Tolerance (%)	Verdit
750	2026/4/6	εr	41.94	41.90	0.09	±5	Pass
	2026/4/6	σ[S/m]	0.87	0.89	2.25	±5	Pass
835	2026/4/6	εr	42.64	41.50	2.75	±5	Pass
	2026/4/6	σ[S/m]	0.90	0.90	0.00	±5	Pass
900	2026/4/6	εr	43.02	41.50	3.66	±5	Pass
	2026/4/6	σ[S/m]	0.99	0.97	2.06	±5	Pass
1800	2026/4/6	εr	39.08	40.00	-1.72	±5	Pass
	2026/4/6	σ[S/m]	1.42	1.40	-0.29	±5	Pass
2000	2026/4/6	εr	40.14	40.00	-2.30	±5	Pass
	2026/4/6	σ[S/m]	1.47	1.40	5.00	±5	Pass
2450	2026/4/6	εr	40.7	39.20	3.82	±5	Pass
	2026/4/6	σ[S/m]	1.89	1.80	5.00	±5	Pass
2600	2026/4/6	εr	38.12	39.00	-2.25	±5	Pass
	2026/4/6	σ[S/m]	1.95	1.96	-0.50	±5	Pass
5200	2026/4/7	εr	37.36	36.00	3.78	±5	Pass
	2026/4/7	σ[S/m]	4.56	4.66	-2.14	±5	Pass
5300	2026/4/7	εr	37.64	35.9	4.84	±5	Pass
	2026/4/7	σ[S/m]	4.77	4.76	0.16	±5	Pass
5600	2026/4/7	εr	33.92	35.5	-4.45	±5	Pass
	2026/4/7	σ[S/m]	5.30	5.07	4.55	±5	Pass
5800	2026/4/7	εr	35.35	35.30	0.14	±5	Pass
	2026/4/7	σ[S/m]	5.24	5.27	-0.12	±5	Pass

Note:

The dielectric properties of the tissue simulating liquid must be measured within 24 hours before the SAR testing and within ±5% of the target values. Liquid temperature during the SAR testing must be within ±2 ℃.

4.4 System Verification

The measuring result for system verification is tabulated as below.

Freq.(MHz)	Date	SAR measured (normalized to 1W)		Target (Ref. Value)	Delta(%)	Tolerance(%)	Verdict	Freq.(MHz)
750	2026/4/6	1g	8.08	8.40	-3.81	±10	Pass	750
	2026/4/6	10g	5.32	5.70	-6.67	±10	Pass	
835	2026/4/6	1g	9.92	9.38	5.75	±10	Pass	835
	2026/4/6	10g	6.48	6.25	3.68	±10	Pass	
900	2026/4/6	1g	11.44	10.90	4.95	±10	Pass	900
	2026/4/6	10g	7.44	7.00	6.28	±10	Pass	
1800	2026/4/6	1g	38.96	38.90	0.15	±10	Pass	1800
	2026/4/6	10g	19.48	20.30	-4.04	±10	Pass	
2000	2026/4/6	1g	38.92	41.00	-5.07	±10	Pass	2000
	2026/4/6	10g	19.80	20.50	-3.41	±10	Pass	
2450	2026/4/6	1g	51.60	53.00	-2.64	±10	Pass	2450
	2026/4/6	10g	24.28	24.50	-0.89	±10	Pass	
2600	2026/4/6	1g	55.20	56.50	-2.30	±10	Pass	2600
	2026/4/6	10g	24.84	25.40	-2.20	±10	Pass	
5200	2026/4/7	1g	73.70	75.90	-2.89	±10	Pass	5200
	2026/4/7	10g	21.60	21.40	0.93	±10	Pass	
5300	2026/4/7	1g	77.10	78.00	-1.15	±10	Pass	5300
	2026/4/7	10g	22.40	22.00	1.82	±10	Pass	
5600	2026/4/7	1g	73.70	80.00	-7.88	±10	Pass	5600
	2026/4/7	10g	21.90	22.60	-3.10	±10	Pass	
5800	2026/4/7	1g	79.60	78.50	1.40	±10	Pass	5800
	2026/4/7	10g	21.40	21.90	-2.28	±10	Pass	

Note:

Comparing to the reference SAR value provided by SPEAG, the validation data should be within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots can be referred to Appendix A of this report.

4.5 Maximum Output Power

4.5.1 Maximum Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance please refer to Appendix D.

4.5.2 Measured Conducted Power Result

The measuring conducted average power (Unit: dBm) please refer to Appendix D.

4.6 SAR Testing Results

4.6.1 SAR Test Reduction Considerations

<KDB 447498 D01, General RF Exposure Guidance>

Testing of other required channels within the operating mode of a frequency band is not required when the reported SAR for the mid-band or highest output power channel is:

(1) ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz

(2) ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz

(3) ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

<KDB 941225 D01, 3G SAR Measurement Procedures>

The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ 1/4 dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

<KDB 941225 D05, SAR Evaluation Considerations for LTE Devices>

(1) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

(2) QPSK with 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 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.

(3) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is

> 1/2 dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

(4) Other channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is > 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.

<5G NR SAR Measurement Procedures >

For 5G NR test procedure was following step similar FCC KDB 941225 D05:

(8) For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KB 941225 D05 procedure for other modulation output power for each RB allocation configuration is > not ½ dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg; CP-OFDM testing is not required.

(9) For DFT-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, for 16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the 16QAM/64QAM/256QAM and smaller bandwidth output power will not ½ dB higher than the same configuration in the largest supported bandwidth.

(10) SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offset at the upper edge, middle and lower edge of each required test channel.

(11) 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

(12) 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 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.

(13) PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK/16QAM/64QAM/256QAM SAR testing are not required.

(14) Smaller bandwidth output power for each RB allocation configuration for this device will not. ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

<KDB 248227 D01, SAR Guidance for Wi-Fi Transmitters>

(1) For handsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is <= 0.4 W/kg, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is <= 0.8 W/kg or all test positions are measured.

(2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is <= 0.8 W/kg, no further SAR testing is required. Otherwise, SAR is

evaluated at the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is <= 1.2 W/kg.

(3) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is > 0.8 W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is <= 1.2 W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is <= 1.2 W/kg.

(4) For WLAN MIMO mode, the power-based standalone SAR test exclusion or the sum of SAR provision in KDB 447498 to determine simultaneous transmission SAR test exclusion should be applied. Otherwise, SAR for MIMO mode will be measured with all applicable antennas transmitting simultaneously at the specified maximum output power of MIMO operation.

4.6.2 SAR Results

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
GSM850	Exposure condition	Position	Channel				First	Second	First	Second
GPRS/EDGE GMSK	Head	Left Cheek	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.174	---	0.188	---
			H	31.95	32.30	1.08	---	---	---	---
		Left tilt	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.159	---	0.172	---
			H	31.95	32.30	1.08	---	---	---	---
		Right Cheek	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.199	---	0.215	---
			H	31.95	32.30	1.08	---	---	---	---
		Right tilt	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.178	---	0.192	---
			H	31.95	32.30	1.08	---	---	---	---
GPRS/EDGE GMSK	Body-worn	Back	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.409	---	0.442	---
			H	31.95	32.30	1.08	---	---	---	---
		Front	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.285	---	0.308	---
			H	31.95	32.30	1.08	---	---	---	---
GPRS/EDGE GMSK	Hotspot	Back	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.408	---	0.441	---
			H	31.95	32.30	1.08	---	---	---	---
		Front	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.280	---	0.302	---
			H	31.95	32.30	1.08	---	---	---	---
		Top	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.010	---	0.011	---
			H	31.95	32.30	1.08	---	---	---	---
		Bottom	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.328	---	0.354	---
			H	31.95	32.30	1.08	---	---	---	---
		Left	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.107	---	0.116	---
			H	31.95	32.30	1.08	---	---	---	---
		Right	L	31.96	32.30	1.08	---	---	---	---
			M	31.98	32.30	1.08	0.249	---	0.269	---
			H	31.95	32.30	1.08	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
GSM1900	Exposure condition	Position	Channel				First	Second	First	Second
GPRS/EDGE GMSK	Head	Left Cheek	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.132	---	0.149	---
			H	30.10	30.70	1.15	---	---	---	---
		Left tilt	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.095	---	0.107	---
			H	30.10	30.70	1.15	---	---	---	---
		Right Cheek	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.084	---	0.095	---
			H	30.10	30.70	1.15	---	---	---	---
		Right tilt	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.058	---	0.066	---
			H	30.10	30.70	1.15	---	---	---	---
GPRS/EDGE GMSK	Body-worn	Back	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.387	---	0.437	---
			H	30.10	30.70	1.15	---	---	---	---
		Front	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.360	---	0.407	---
			H	30.10	30.70	1.15	---	---	---	---
GPRS/EDGE GMSK	Hotspot	Back	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.380	---	0.429	---
			H	30.10	30.70	1.15	---	---	---	---
		Front	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.365	---	0.412	---
			H	30.10	30.70	1.15	---	---	---	---
		Top	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.054	---	0.061	---
			H	30.10	30.70	1.15	---	---	---	---
		Bottom	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.425	---	0.480	---
			H	30.10	30.70	1.15	---	---	---	---
		Left	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.280	---	0.316	---
			H	30.10	30.70	1.15	---	---	---	---
		Right	L	30.13	30.70	1.14	---	---	---	---
			M	30.17	30.70	1.13	0.127	---	0.144	---
			H	30.10	30.70	1.15	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WCDMA II	Exposure condition	Position	Channel				First	Second	First	Second
RMC	Head	Left Cheek	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.085	---	0.094	---
			H	22.75	23.3	1.14	---	---	---	---
		Left tilt	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.010	---	0.011	---
			H	22.75	23.3	1.14	---	---	---	---
		Right Cheek	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.072	---	0.080	---
			H	22.75	23.3	1.14	---	---	---	---
		Right tilt	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.010	---	0.011	---
			H	22.75	23.3	1.14	---	---	---	---
RMC	Body-worn	Back	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.385	---	0.427	---
			H	22.75	23.3	1.14	---	---	---	---
		Front	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.337	---	0.374	---
			H	22.75	23.3	1.14	---	---	---	---
RMC	Hotspot	Back	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.386	---	0.428	---
			H	22.75	23.3	1.14	---	---	---	---
		Front	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.335	---	0.372	---
			H	22.75	23.3	1.14	---	---	---	---
		Top	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.014	---	0.016	---
			H	22.75	23.3	1.14	---	---	---	---
		Bottom	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.172	---	0.191	---
			H	22.75	23.3	1.14	---	---	---	---
		Left	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.241	---	0.268	---
			H	22.75	23.3	1.14	---	---	---	---
		Right	L	22.62	23.3	1.17	---	---	---	---
			M	22.83	23.3	1.11	0.056	---	0.062	---
			H	22.75	23.3	1.14	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WCDMA IV	Exposure condition	Position	Channel				First	Second	First	Second
RMC	Head	Left Cheek	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.121	---	0.148	---
			H	22.19	23.3	1.29	---	---	---	---
		Left tilt	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.043	---	0.052	---
			H	22.19	23.3	1.29	---	---	---	---
		Right Cheek	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.101	---	0.123	---
			H	22.19	23.3	1.29	---	---	---	---
		Right tilt	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.010	---	0.012	---
			H	22.19	23.3	1.29	---	---	---	---
RMC	Body-worn	Back	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.367	---	0.448	---
			H	22.19	23.3	1.29	---	---	---	---
		Front	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.340	---	0.415	---
			H	22.19	23.3	1.29	---	---	---	---
RMC	Hotspot	Back	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.331	---	0.404	---
			H	22.19	23.3	1.29	---	---	---	---
		Front	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.309	---	0.377	---
			H	22.19	23.3	1.29	---	---	---	---
		Top	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.015	---	0.018	---
			H	22.19	23.3	1.29	---	---	---	---
		Bottom	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.178	---	0.217	---
			H	22.19	23.3	1.29	---	---	---	---
		Left	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.159	---	0.194	---
			H	22.19	23.3	1.29	---	---	---	---
		Right	L	22.56	23.3	1.19	---	---	---	---
			M	22.43	23.3	1.22	0.035	---	0.043	---
			H	22.19	23.3	1.29	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WCDMA V	Exposure condition	Position	Channel				First	Second	First	Second
RMC	Head	Left Cheek	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.103	---	0.110	---
			H	21.48	22.0	1.13	---	---	---	---
		Left tilt	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.062	---	0.066	---
			H	21.48	22.0	1.13	---	---	---	---
		Right Cheek	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.156	---	0.167	---
			H	21.48	22.0	1.13	---	---	---	---
		Right tilt	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.103	---	0.110	---
			H	21.48	22.0	1.13	---	---	---	---
RMC	Body-worn	Back	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.369	---	0.395	---
			H	21.48	22.0	1.13	---	---	---	---
		Front	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.292	---	0.312	---
			H	21.48	22.0	1.13	---	---	---	---
RMC	Hotspot	Back	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.369	---	0.395	---
			H	21.48	22.0	1.13	---	---	---	---
		Front	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.292	---	0.312	---
			H	21.48	22.0	1.13	---	---	---	---
		Top	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.010	---	0.011	---
			H	21.48	22.0	1.13	---	---	---	---
		Bottom	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.322	---	0.345	---
			H	21.48	22.0	1.13	---	---	---	---
		Left	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.068	---	0.073	---
			H	21.48	22.0	1.13	---	---	---	---
		Right	L	21.62	22.0	1.09	---	---	---	---
			M	21.69	22.0	1.07	0.237	---	0.254	---
			H	21.48	22.0	1.13	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE2	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.105	---	0.119	---
			H	22.54	23.30	1.19	---	---	---	---
		Left tilt	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.086	---	0.097	---
			H	22.54	23.30	1.19	---	---	---	---
		Right Cheek	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.085	---	0.096	---
			H	22.54	23.30	1.19	---	---	---	---
		Right tilt	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.054	---	0.061	---
			H	22.54	23.30	1.19	---	---	---	---
QPSK 1RB	Body-worn	Back	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.429	---	0.485	---
			H	22.54	23.30	1.19	---	---	---	---
		Front	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.411	---	0.464	---
			H	22.54	23.30	1.19	---	---	---	---
QPSK 1RB	Hotspot	Back	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.420	---	0.475	---
			H	22.54	23.30	1.19	---	---	---	---
		Front	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.408	---	0.461	---
			H	22.54	23.30	1.19	---	---	---	---
		Top	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.065	---	0.073	---
			H	22.54	23.30	1.19	---	---	---	---
		Bottom	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.315	---	0.356	---
			H	22.54	23.30	1.19	---	---	---	---
		Left	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.324	---	0.366	---
			H	22.54	23.30	1.19	---	---	---	---
		Right	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.172	---	0.194	---
			H	22.54	23.30	1.19	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.083	---	0.094	---
			H	22.54	23.30	1.19	---	---	---	---
		Left tilt	L	22.97	23.30	1.08	---	---	---	---

			M	22.78	23.30	1.13	0.067	---	0.076	---
			H	22.54	23.30	1.19	---	---	---	---
		Right Cheek	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.062	---	0.070	---
			H	22.54	23.30	1.19	---	---	---	---
		Right tilt	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.041	---	0.046	---
			H	22.54	23.30	1.19	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.387	---	0.437	---
			H	22.54	23.30	1.19	---	---	---	---
		Front	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.366	---	0.414	---
			H	22.54	23.30	1.19	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.387	---	0.437	---
			H	22.54	23.30	1.19	---	---	---	---
		Front	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.366	---	0.414	---
			H	22.54	23.30	1.19	---	---	---	---
		Top	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.051	---	0.058	---
			H	22.54	23.30	1.19	---	---	---	---
		Bottom	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.288	---	0.325	---
			H	22.54	23.30	1.19	---	---	---	---
		Left	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.276	---	0.312	---
			H	22.54	23.30	1.19	---	---	---	---
		Right	L	22.97	23.30	1.08	---	---	---	---
			M	22.78	23.30	1.13	0.134	---	0.151	---
			H	22.54	23.30	1.19	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE4	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.117	---	0.129	---
			H	22.56	23.30	1.19	---	---	---	---
		Left tilt	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.010	---	0.011	---
			H	22.56	23.30	1.19	---	---	---	---
		Right Cheek	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.132	---	0.145	---
			H	22.56	23.30	1.19	---	---	---	---
		Right tilt	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.010	---	0.011	---
			H	22.56	23.30	1.19	---	---	---	---
QPSK 1RB	Body-worn	Back	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.408	---	0.449	---
			H	22.56	23.30	1.19	---	---	---	---
		Front	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.418	---	0.460	---
			H	22.56	23.30	1.19	---	---	---	---
QPSK 1RB	Hotspot	Back	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.403	---	0.443	---
			H	22.56	23.30	1.19	---	---	---	---
		Front	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.351	---	0.386	---
			H	22.56	23.30	1.19	---	---	---	---
		Top	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.060	---	0.066	---
			H	22.56	23.30	1.19	---	---	---	---
		Bottom	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.355	---	0.391	---
			H	22.56	23.30	1.19	---	---	---	---
		Left	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.126	---	0.139	---
			H	22.56	23.30	1.19	---	---	---	---
		Right	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.180	---	0.198	---
			H	22.56	23.30	1.19	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.098	---	0.108	---
			H	22.56	23.30	1.19	---	---	---	---
		Left tilt	L	22.68	23.30	1.15	---	---	---	---

			M	22.88	23.30	1.10	0.010	---	0.011	---
			H	22.56	23.30	1.19	---	---	---	---
		Right Cheek	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.113	---	0.124	---
			H	22.56	23.30	1.19	---	---	---	---
		Right tilt	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.010	---	0.011	---
			H	22.56	23.30	1.19	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.383	---	0.421	---
			H	22.56	23.30	1.19	---	---	---	---
		Front	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.399	---	0.439	---
			H	22.56	23.30	1.19	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.383	---	0.421	---
			H	22.56	23.30	1.19	---	---	---	---
		Front	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.399	---	0.439	---
			H	22.56	23.30	1.19	---	---	---	---
		Top	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.042	---	0.046	---
			H	22.56	23.30	1.19	---	---	---	---
		Bottom	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.291	---	0.320	---
			H	22.56	23.30	1.19	---	---	---	---
		Left	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.109	---	0.120	---
			H	22.56	23.30	1.19	---	---	---	---
		Right	L	22.68	23.30	1.15	---	---	---	---
			M	22.88	23.30	1.10	0.112	---	0.123	---
			H	22.56	23.30	1.19	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE5	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.149	---	0.161	---
			H	21.61	22.0	1.09	---	---	---	---
		Left tilt	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.112	---	0.121	---
			H	21.61	22.0	1.09	---	---	---	---
		Right Cheek	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.163	---	0.176	---
			H	21.61	22.0	1.09	---	---	---	---
		Right tilt	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.137	---	0.148	---
			H	21.61	22.0	1.09	---	---	---	---
QPSK 1RB	Body-worn	Back	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.349	---	0.377	---
			H	21.61	22.0	1.09	---	---	---	---
		Front	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.240	---	0.259	---
			H	21.61	22.0	1.09	---	---	---	---
QPSK 1RB	Hotspot	Back	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.346	---	0.374	---
			H	21.61	22.0	1.09	---	---	---	---
		Front	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.239	---	0.258	---
			H	21.61	22.0	1.09	---	---	---	---
		Top	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.010	---	0.011	---
			H	21.61	22.0	1.09	---	---	---	---
		Bottom	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.275	---	0.297	---
			H	21.61	22.0	1.09	---	---	---	---
		Left	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.074	---	0.080	---
			H	21.61	22.0	1.09	---	---	---	---
		Right	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.206	---	0.222	---
			H	21.61	22.0	1.09	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.127	---	0.137	---
			H	21.61	22.0	1.09	---	---	---	---
		Left tilt	L	21.62	22.0	1.09	---	---	---	---

			M	21.66	22.0	1.08	0.098	---	0.106	---
			H	21.61	22.0	1.09	---	---	---	---
		Right Cheek	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.151	---	0.163	---
			H	21.61	22.0	1.09	---	---	---	---
		Right tilt	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.114	---	0.123	---
			H	21.61	22.0	1.09	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.307	---	0.332	---
			H	21.61	22.0	1.09	---	---	---	---
		Front	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.198	---	0.214	---
			H	21.61	22.0	1.09	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.307	---	0.332	---
			H	21.61	22.0	1.09	---	---	---	---
		Front	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.198	---	0.214	---
			H	21.61	22.0	1.09	---	---	---	---
		Top	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.010	---	0.011	---
			H	21.61	22.0	1.09	---	---	---	---
		Bottom	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.249	---	0.269	---
			H	21.61	22.0	1.09	---	---	---	---
		Left	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.045	---	0.049	---
			H	21.61	22.0	1.09	---	---	---	---
		Right	L	21.62	22.0	1.09	---	---	---	---
			M	21.66	22.0	1.08	0.178	---	0.192	---
			H	21.61	22.0	1.09	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE7	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.093	---	0.109	---
			H	22.69	23.30	1.15	---	---	---	---
		Left tilt	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.079	---	0.092	---
			H	22.69	23.30	1.15	---	---	---	---
		Right Cheek	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.056	---	0.066	---
			H	22.69	23.30	1.15	---	---	---	---
		Right tilt	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.041	---	0.048	---
			H	22.69	23.30	1.15	---	---	---	---
QPSK 1RB	Body-worn	Back	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.436	---	0.510	---
			H	22.69	23.30	1.15	---	---	---	---
		Front	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.321	---	0.376	---
			H	22.69	23.30	1.15	---	---	---	---
QPSK 1RB	Hotspot	Back	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.409	---	0.479	---
			H	22.69	23.30	1.15	---	---	---	---
		Front	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.315	---	0.369	---
			H	22.69	23.30	1.15	---	---	---	---
		Top	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.036	---	0.042	---
			H	22.69	23.30	1.15	---	---	---	---
		Bottom	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.339	---	0.397	---
			H	22.69	23.30	1.15	---	---	---	---
		Left	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.391	---	0.457	---
			H	22.69	23.30	1.15	---	---	---	---
		Right	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.019	---	0.022	---
			H	22.69	23.30	1.15	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.079	---	0.092	---
			H	22.69	23.30	1.15	---	---	---	---
		Left tilt	L	22.64	23.30	1.16	---	---	---	---

			M	22.63	23.30	1.17	0.056	---	0.066	---
			H	22.69	23.30	1.15	---	---	---	---
		Right Cheek	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.043	---	0.050	---
			H	22.69	23.30	1.15	---	---	---	---
		Right tilt	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.010	---	0.012	---
			H	22.69	23.30	1.15	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.388	---	0.454	---
			H	22.69	23.30	1.15	---	---	---	---
		Front	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.196	---	0.229	---
			H	22.69	23.30	1.15	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.388	---	0.454	---
			H	22.69	23.30	1.15	---	---	---	---
		Front	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.196	---	0.229	---
			H	22.69	23.30	1.15	---	---	---	---
		Top	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.024	---	0.028	---
			H	22.69	23.30	1.15	---	---	---	---
		Bottom	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.301	---	0.352	---
			H	22.69	23.30	1.15	---	---	---	---
		Left	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.342	---	0.400	---
			H	22.69	23.30	1.15	---	---	---	---
		Right	L	22.64	23.30	1.16	---	---	---	---
			M	22.63	23.30	1.17	0.010	---	0.012	---
			H	22.69	23.30	1.15	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE12	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.103	---	0.117	---
			H	23.55	24.0	1.11	---	---	---	---
		Left tilt	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.087	---	0.099	---
			H	23.55	24.0	1.11	---	---	---	---
		Right Cheek	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.114	---	0.130	---
			H	23.55	24.0	1.11	---	---	---	---
		Right tilt	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.104	---	0.119	---
			H	23.55	24.0	1.11	---	---	---	---
QPSK 1RB	Body-worn	Back	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.208	---	0.237	---
			H	23.55	24.0	1.11	---	---	---	---
		Front	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.156	---	0.178	---
			H	23.55	24.0	1.11	---	---	---	---
QPSK 1RB	Hotspot	Back	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.212	---	0.242	---
			H	23.55	24.0	1.11	---	---	---	---
		Front	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.155	---	0.177	---
			H	23.55	24.0	1.11	---	---	---	---
		Top	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.010	---	0.011	---
			H	23.55	24.0	1.11	---	---	---	---
		Bottom	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.149	---	0.170	---
			H	23.55	24.0	1.11	---	---	---	---
		Left	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.117	---	0.133	---
			H	23.55	24.0	1.11	---	---	---	---
		Right	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.286	---	0.326	---
			H	23.55	24.0	1.11	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.085	---	0.097	---
			H	23.55	24.0	1.11	---	---	---	---
		Left tilt	L	23.53	24.0	1.11	---	---	---	---

			M	23.45	24.0	1.14	0.053	---	0.060	---
			H	23.55	24.0	1.11	---	---	---	---
		Right Cheek	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.101	---	0.115	---
			H	23.55	24.0	1.11	---	---	---	---
		Right tilt	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.089	---	0.101	---
			H	23.55	24.0	1.11	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.191	---	0.218	---
			H	23.55	24.0	1.11	---	---	---	---
		Front	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.124	---	0.141	---
			H	23.55	24.0	1.11	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.191	---	0.218	---
			H	23.55	24.0	1.11	---	---	---	---
		Front	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.124	---	0.141	---
			H	23.55	24.0	1.11	---	---	---	---
		Top	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.010	---	0.011	---
			H	23.55	24.0	1.11	---	---	---	---
		Bottom	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.116	---	0.132	---
			H	23.55	24.0	1.11	---	---	---	---
		Left	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.094	---	0.107	---
			H	23.55	24.0	1.11	---	---	---	---
		Right	L	23.53	24.0	1.11	---	---	---	---
			M	23.45	24.0	1.14	0.233	---	0.266	---
			H	23.55	24.0	1.11	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE13	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.145	---	0.173	---
			H	21.08	22.0	1.24	---	---	---	---
		Left tilt	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.131	---	0.156	---
			H	21.08	22.0	1.24	---	---	---	---
		Right Cheek	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.161	---	0.192	---
			H	21.08	22.0	1.24	---	---	---	---
		Right tilt	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.149	---	0.177	---
			H	21.08	22.0	1.24	---	---	---	---
QPSK 1RB	Body-worn	Back	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.261	---	0.311	---
			H	21.08	22.0	1.24	---	---	---	---
		Front	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.196	---	0.233	---
			H	21.08	22.0	1.24	---	---	---	---
QPSK 1RB	Hotspot	Back	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.260	---	0.309	---
			H	21.08	22.0	1.24	---	---	---	---
		Front	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.194	---	0.231	---
			H	21.08	22.0	1.24	---	---	---	---
		Top	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.010	---	0.012	---
			H	21.08	22.0	1.24	---	---	---	---
		Bottom	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.202	---	0.240	---
			H	21.08	22.0	1.24	---	---	---	---
		Left	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.132	---	0.157	---
			H	21.08	22.0	1.24	---	---	---	---
		Right	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.275	---	0.327	---
			H	21.08	22.0	1.24	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.119	---	0.142	---
			H	21.08	22.0	1.24	---	---	---	---
		Left tilt	L	21.14	22.0	1.22	---	---	---	---

			M	21.25	22.0	1.19	0.106	---	0.126	---
			H	21.08	22.0	1.24	---	---	---	---
		Right Cheek	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.143	---	0.170	---
			H	21.08	22.0	1.24	---	---	---	---
		Right tilt	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.128	---	0.152	---
			H	21.08	22.0	1.24	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.243	---	0.289	---
			H	21.08	22.0	1.24	---	---	---	---
		Front	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.181	---	0.215	---
			H	21.08	22.0	1.24	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.243	---	0.289	---
			H	21.08	22.0	1.24	---	---	---	---
		Front	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.181	---	0.215	---
			H	21.08	22.0	1.24	---	---	---	---
		Top	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.010	---	0.012	---
			H	21.08	22.0	1.24	---	---	---	---
		Bottom	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.179	---	0.213	---
			H	21.08	22.0	1.24	---	---	---	---
		Left	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.113	---	0.134	---
			H	21.08	22.0	1.24	---	---	---	---
		Right	L	21.14	22.0	1.22	---	---	---	---
			M	21.25	22.0	1.19	0.256	---	0.305	---
			H	21.08	22.0	1.24	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE17	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.102	---	0.132	---
			H	22.86	24.0	1.30	---	---	---	---
		Left tilt	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.093	---	0.120	---
			H	22.86	24.0	1.30	---	---	---	---
		Right Cheek	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.114	---	0.147	---
			H	22.86	24.0	1.30	---	---	---	---
		Right tilt	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.104	---	0.134	---
			H	22.86	24.0	1.30	---	---	---	---
QPSK 1RB	Body-worn	Back	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.213	---	0.275	---
			H	22.86	24.0	1.30	---	---	---	---
		Front	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.157	---	0.203	---
			H	22.86	24.0	1.30	---	---	---	---
QPSK 1RB	Hotspot	Back	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.214	---	0.276	---
			H	22.86	24.0	1.30	---	---	---	---
		Front	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.158	---	0.204	---
			H	22.86	24.0	1.30	---	---	---	---
		Top	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.010	---	0.013	---
			H	22.86	24.0	1.30	---	---	---	---
		Bottom	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.165	---	0.213	---
			H	22.86	24.0	1.30	---	---	---	---
		Left	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.112	---	0.144	---
			H	22.86	24.0	1.30	---	---	---	---
		Right	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.288	---	0.372	---
			H	22.86	24.0	1.30	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.087	---	0.112	---
			H	22.86	24.0	1.30	---	---	---	---
		Left tilt	L	23.04	24.0	1.25	---	---	---	---

			M	22.91	24.0	1.29	0.071	---	0.092	---
			H	22.86	24.0	1.30	---	---	---	---
		Right Cheek	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.099	---	0.128	---
			H	22.86	24.0	1.30	---	---	---	---
		Right tilt	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.073	---	0.094	---
			H	22.86	24.0	1.30	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.203	---	0.262	---
			H	22.86	24.0	1.30	---	---	---	---
		Front	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.142	---	0.183	---
			H	22.86	24.0	1.30	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.203	---	0.262	---
			H	22.86	24.0	1.30	---	---	---	---
		Front	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.142	---	0.183	---
			H	22.86	24.0	1.30	---	---	---	---
		Top	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.010	---	0.013	---
			H	22.86	24.0	1.30	---	---	---	---
		Bottom	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.152	---	0.196	---
			H	22.86	24.0	1.30	---	---	---	---
		Left	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.097	---	0.125	---
			H	22.86	24.0	1.30	---	---	---	---
		Right	L	23.04	24.0	1.25	---	---	---	---
			M	22.91	24.0	1.29	0.262	---	0.338	---
			H	22.86	24.0	1.30	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE38	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.078	---	0.086	---
			H	23.08	24.00	1.24	---	---	---	---
		Left tilt	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.033	---	0.036	---
			H	23.08	24.00	1.24	---	---	---	---
		Right Cheek	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.040	---	0.044	---
			H	23.08	24.00	1.24	---	---	---	---
		Right tilt	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.010	---	0.011	---
			H	23.08	24.00	1.24	---	---	---	---
QPSK 1RB	Body-worn	Back	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.355	---	0.391	---
			H	23.08	24.00	1.24	---	---	---	---
		Front	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.227	---	0.250	---
			H	23.08	24.00	1.24	---	---	---	---
QPSK 1RB	Hotspot	Back	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.315	---	0.347	---
			H	23.08	24.00	1.24	---	---	---	---
		Front	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.223	---	0.245	---
			H	23.08	24.00	1.24	---	---	---	---
		Top	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.010	---	0.011	---
			H	23.08	24.00	1.24	---	---	---	---
		Bottom	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.272	---	0.299	---
			H	23.08	24.00	1.24	---	---	---	---
		Left	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.334	---	0.367	---
			H	23.08	24.00	1.24	---	---	---	---
		Right	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.010	---	0.011	---
			H	23.08	24.00	1.24	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.065	---	0.072	---
			H	23.08	24.00	1.24	---	---	---	---
		Left tilt	L	23.49	24.00	1.12	---	---	---	---

			M	23.58	24.00	1.10	0.014	---	0.015	---
			H	23.08	24.00	1.24	---	---	---	---
		Right Cheek	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.029	---	0.032	---
			H	23.08	24.00	1.24	---	---	---	---
		Right tilt	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.010	---	0.011	---
			H	23.08	24.00	1.24	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.323	---	0.355	---
			H	23.08	24.00	1.24	---	---	---	---
		Front	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.211	---	0.232	---
			H	23.08	24.00	1.24	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.323	---	0.355	---
			H	23.08	24.00	1.24	---	---	---	---
		Front	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.211	---	0.232	---
			H	23.08	24.00	1.24	---	---	---	---
		Top	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.010	---	0.011	---
			H	23.08	24.00	1.24	---	---	---	---
		Bottom	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.234	---	0.257	---
			H	23.08	24.00	1.24	---	---	---	---
		Left	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.305	---	0.336	---
			H	23.08	24.00	1.24	---	---	---	---
		Right	L	23.49	24.00	1.12	---	---	---	---
			M	23.58	24.00	1.10	0.010	---	0.011	---
			H	23.08	24.00	1.24	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE41	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left touch	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.078	---	0.095	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Left tilt	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.056	---	0.068	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Right touch	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.039	---	0.048	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Right tilt	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.040	---	0.049	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
QPSK 1RB	Body-worn	Back	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.375	---	0.458	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Front	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.037	---	0.045	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
QPSK 1RB	Hotspot	Back	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.319	---	0.389	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Front	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.031	---	0.038	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Top	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.010	---	0.012	---

			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Bottom	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.253	---	0.309	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Left	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.351	---	0.428	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Right	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.010	---	0.012	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
QPSK 50%RB	Head	Left touch	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.069	---	0.084	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Left tilt	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.042	---	0.051	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Right touch	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.027	---	0.033	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Right tilt	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.031	---	0.038	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.347	---	0.423	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Front	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---

			M	23.64	24.5	1.22	0.028	---	0.034	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.347	---	0.423	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Front	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.028	---	0.034	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Top	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.010	---	0.012	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Bottom	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.201	---	0.245	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Left	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.302	---	0.368	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---
		Right	L	23.88	24.5	1.15	---	---	---	---
			L-M			1.00	---	---	---	---
			M	23.64	24.5	1.22	0.010	---	0.012	---
			M-H			1.00	---	---	---	---
			H	23.21	24.5	1.35	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE66	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.102	---	0.119	---
			H	22.64	23.30	1.16	---	---	---	---
		Left tilt	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.032	---	0.037	---
			H	22.64	23.30	1.16	---	---	---	---
		Right Cheek	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.120	---	0.140	---
			H	22.64	23.30	1.16	---	---	---	---
		Right tilt	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.043	---	0.050	---
			H	22.64	23.30	1.16	---	---	---	---
QPSK 1RB	Body-worn	Back	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.358	---	0.419	---
			H	22.64	23.30	1.16	---	---	---	---
		Front	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.406	---	0.475	---
			H	22.64	23.30	1.16	---	---	---	---
QPSK 1RB	Hotspot	Back	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.358	---	0.419	---
			H	22.64	23.30	1.16	---	---	---	---
		Front	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.406	---	0.475	---
			H	22.64	23.30	1.16	---	---	---	---
		Top	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.010	---	0.012	---
			H	22.64	23.30	1.16	---	---	---	---
		Bottom	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.346	---	0.405	---
			H	22.64	23.30	1.16	---	---	---	---
		Left	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.159	---	0.186	---
			H	22.64	23.30	1.16	---	---	---	---
		Right	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.197	---	0.230	---
			H	22.64	23.30	1.16	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.087	---	0.102	---
			H	22.64	23.30	1.16	---	---	---	---
		Left tilt	L	22.77	23.30	1.13	---	---	---	---

			M	22.61	23.30	1.17	0.024	---	0.028	---
			H	22.64	23.30	1.16	---	---	---	---
		Right Cheek	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.103	---	0.121	---
			H	22.64	23.30	1.16	---	---	---	---
		Right tilt	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.032	---	0.037	---
			H	22.64	23.30	1.16	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.329	---	0.385	---
			H	22.64	23.30	1.16	---	---	---	---
		Front	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.387	---	0.453	---
			H	22.64	23.30	1.16	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.329	---	0.385	---
			H	22.64	23.30	1.16	---	---	---	---
		Front	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.387	---	0.453	---
			H	22.64	23.30	1.16	---	---	---	---
		Top	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.010	---	0.012	---
			H	22.64	23.30	1.16	---	---	---	---
		Bottom	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.327	---	0.383	---
			H	22.64	23.30	1.16	---	---	---	---
		Left	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.137	---	0.160	---
			H	22.64	23.30	1.16	---	---	---	---
		Right	L	22.77	23.30	1.13	---	---	---	---
			M	22.61	23.30	1.17	0.178	---	0.208	---
			H	22.64	23.30	1.16	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
LTE66 (Ant2)	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.066	---	0.076	---
			H	22.35	23.30	1.24	---	---	---	---
		Left tilt	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.034	---	0.039	---
			H	22.35	23.30	1.24	---	---	---	---
		Right Cheek	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.079	---	0.091	---
			H	22.35	23.30	1.24	---	---	---	---
		Right tilt	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.045	---	0.052	---
			H	22.35	23.30	1.24	---	---	---	---
QPSK 1RB	Body-worn	Back	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.211	---	0.243	---
			H	22.35	23.30	1.24	---	---	---	---
		Front	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.177	---	0.204	---
			H	22.35	23.30	1.24	---	---	---	---
QPSK 1RB	Hotspot	Back	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.211	---	0.243	---
			H	22.35	23.30	1.24	---	---	---	---
		Front	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.177	---	0.204	---
			H	22.35	23.30	1.24	---	---	---	---
		Top	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.010	---	0.012	---
			H	22.35	23.30	1.24	---	---	---	---
		Bottom	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.244	---	0.281	---
			H	22.35	23.30	1.24	---	---	---	---
		Left	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.099	---	0.114	---
			H	22.35	23.30	1.24	---	---	---	---
		Right	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.288	---	0.331	---
			H	22.35	23.30	1.24	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.053	---	0.061	---
			H	22.35	23.30	1.24	---	---	---	---
		Left tilt	L	22.47	23.30	1.21	---	---	---	---

			M	22.68	23.30	1.15	0.021	---	0.024	---
			H	22.35	23.30	1.24	---	---	---	---
		Right Cheek	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.064	---	0.074	---
			H	22.35	23.30	1.24	---	---	---	---
		Right tilt	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.034	---	0.039	---
			H	22.35	23.30	1.24	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.196	---	0.225	---
			H	22.35	23.30	1.24	---	---	---	---
		Front	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.161	---	0.185	---
			H	22.35	23.30	1.24	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.196	---	0.225	---
			H	22.35	23.30	1.24	---	---	---	---
		Front	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.161	---	0.185	---
			H	22.35	23.30	1.24	---	---	---	---
		Top	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.010	---	0.012	---
			H	22.35	23.30	1.24	---	---	---	---
		Bottom	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.221	---	0.254	---
			H	22.35	23.30	1.24	---	---	---	---
		Left	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.076	---	0.087	---
			H	22.35	23.30	1.24	---	---	---	---
		Right	L	22.47	23.30	1.21	---	---	---	---
			M	22.68	23.30	1.15	0.269	---	0.309	---
			H	22.35	23.30	1.24	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
NR5 (NSA)	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.112	---	0.112	---
			H	21.36	21.50	1.03	---	---	---	---
		Left tilt	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.099	---	0.099	---
			H	21.36	21.50	1.03	---	---	---	---
		Right Cheek	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.132	---	0.132	---
			H	21.36	21.50	1.03	---	---	---	---
		Right tilt	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.110	---	0.110	---
			H	21.36	21.50	1.03	---	---	---	---
QPSK 1RB	Body-worn	Back	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.277	---	0.277	---
			H	21.36	21.50	1.03	---	---	---	---
		Front	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.281	---	0.281	---
			H	21.36	21.50	1.03	---	---	---	---
QPSK 1RB	Hotspot	Back	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.093	---	0.093	---
			H	21.36	21.50	1.03	---	---	---	---
		Front	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.083	---	0.083	---
			H	21.36	21.50	1.03	---	---	---	---
		Top	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.113	---	0.113	---
			H	21.36	21.50	1.03	---	---	---	---
		Bottom	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.097	---	0.097	---
			H	21.36	21.50	1.03	---	---	---	---
		Left	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.253	---	0.253	---
			H	21.36	21.50	1.03	---	---	---	---
		Right	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.272	---	0.272	---
			H	21.36	21.50	1.03	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.253	---	0.253	---
			H	21.36	21.50	1.03	---	---	---	---
		Left tilt	L	20.93	21.50	1.14	---	---	---	---

			M	21.48	21.50	1.00	0.272	---	0.272	---
			H	21.36	21.50	1.03	---	---	---	---
		Right Cheek	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.010	---	0.010	---
			H	21.36	21.50	1.03	---	---	---	---
		Right tilt	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.172	---	0.172	---
			H	21.36	21.50	1.03	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.057	---	0.057	---
			H	21.36	21.50	1.03	---	---	---	---
		Front	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.156	---	0.156	---
			H	21.36	21.50	1.03	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.093	---	0.093	---
			H	21.36	21.50	1.03	---	---	---	---
		Front	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.083	---	0.083	---
			H	21.36	21.50	1.03	---	---	---	---
		Top	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.113	---	0.113	---
			H	21.36	21.50	1.03	---	---	---	---
		Bottom	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.097	---	0.097	---
			H	21.36	21.50	1.03	---	---	---	---
		Left	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.253	---	0.253	---
			H	21.36	21.50	1.03	---	---	---	---
		Right	L	20.93	21.50	1.14	---	---	---	---
			M	21.48	21.50	1.00	0.272	---	0.272	---
			H	21.36	21.50	1.03	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
NR41 (NSA)	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left touch	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.132	---	0.132	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Left tilt	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.089	---	0.089	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Right touch	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.056	---	0.056	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Right tilt	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.046	---	0.046	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
QPSK 1RB	Body-worn	Back	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.493	---	0.493	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Front	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.348	---	0.348	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
QPSK 1RB	Hotspot	Back	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.328	---	0.328	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Front	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.347	---	0.347	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Top	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.010	---	0.010	---

			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Bottom	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.398	---	0.398	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Left	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.462	---	0.462	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Right	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.034	---	0.034	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
QPSK 50%RB	Head	Left touch	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.115	---	0.115	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Left tilt	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.069	---	0.069	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Right touch	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.042	---	0.042	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Right tilt	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.033	---	0.033	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.476	---	0.476	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Front	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---

			M	22.50	22.50	1.00	0.317	---	0.317	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.476	---	0.476	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Front	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.317	---	0.317	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Top	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.010	---	0.010	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Bottom	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.367	---	0.367	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Left	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.442	---	0.442	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---
		Right	L	22.44	22.50	1.01	---	---	---	---
			L-M			1.00	---	---	---	---
			M	22.50	22.50	1.00	0.018	---	0.018	---
			M-H			1.00	---	---	---	---
			H	22.10	22.50	1.10	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
NR66 (NSA)	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.110	---	0.110	---
			H	21.18	21.50	1.08	---	---	---	---
		Left tilt	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.010	---	0.010	---
			H	21.18	21.50	1.08	---	---	---	---
		Right Cheek	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.147	---	0.147	---
			H	21.18	21.50	1.08	---	---	---	---
		Right tilt	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.010	---	0.010	---
			H	21.18	21.50	1.08	---	---	---	---
QPSK 1RB	Body-worn	Back	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.394	---	0.394	---
			H	21.18	21.50	1.08	---	---	---	---
		Front	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.463	---	0.463	---
			H	21.18	21.50	1.08	---	---	---	---
QPSK 1RB	Hotspot	Back	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.396	---	0.396	---
			H	21.18	21.50	1.08	---	---	---	---
		Front	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.416	---	0.416	---
			H	21.18	21.50	1.08	---	---	---	---
		Top	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.055	---	0.055	---
			H	21.18	21.50	1.08	---	---	---	---
		Bottom	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.408	---	0.408	---
			H	21.18	21.50	1.08	---	---	---	---
		Left	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.136	---	0.136	---
			H	21.18	21.50	1.08	---	---	---	---
		Right	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.184	---	0.184	---
			H	21.18	21.50	1.08	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.093	---	0.093	---
			H	21.18	21.50	1.08	---	---	---	---
		Left tilt	L	21.04	21.50	1.11	---	---	---	---

			M	21.49	21.50	1.00	0.010	---	0.010	---
			H	21.18	21.50	1.08	---	---	---	---
		Right Cheek	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.126	---	0.126	---
			H	21.18	21.50	1.08	---	---	---	---
		Right tilt	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.010	---	0.010	---
			H	21.18	21.50	1.08	---	---	---	---
QPSK 50%RB	Body-worn	Back	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.376	---	0.376	---
			H	21.18	21.50	1.08	---	---	---	---
		Front	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.434	---	0.434	---
			H	21.18	21.50	1.08	---	---	---	---
QPSK 50%RB	Hotspot	Back	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.376	---	0.376	---
			H	21.18	21.50	1.08	---	---	---	---
		Front	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.434	---	0.434	---
			H	21.18	21.50	1.08	---	---	---	---
		Top	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.034	---	0.034	---
			H	21.18	21.50	1.08	---	---	---	---
		Bottom	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.387	---	0.387	---
			H	21.18	21.50	1.08	---	---	---	---
		Left	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.113	---	0.113	---
			H	21.18	21.50	1.08	---	---	---	---
		Right	L	21.04	21.50	1.11	---	---	---	---
			M	21.49	21.50	1.00	0.167	---	0.167	---
			H	21.18	21.50	1.08	---	---	---	---

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
BT (Ant3)	Exposure condition	Position	Channel						First	Second	First	Second
BR	Head	Left Cheek	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.147	---	0.163	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Left tilt	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.087	---	0.097	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Right Cheek	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.164	---	0.182	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Right tilt	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.075	---	0.083	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
BR	Body-worn	Back	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Front	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
BR	Hotspot (Support Bluetooth Thetering)	Back	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Front	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Top	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Bottom	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Left	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.052	---	0.058	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---
		Right	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.54	16.00	1.11	100%	1.00	0.010	---	0.011	---
			H	15.63	16.00	1.09	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
BT (Ant7)	Exposure condition	Position	Channel						First	Second	First	Second
BR	Head	Left Cheek	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Left tilt	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00		---	---	---
		Right Cheek	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.044	---	0.045	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Right tilt	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
BR	Body-worn	Back	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Front	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
BR	Hotspot (Support Bluetooth Thetering)	Back	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Front	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Top	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Bottom	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Left	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.010	---	0.010	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---
		Right	L	15.26	16.00	1.19	100%	1.00	---	---	---	---
			M	15.90	16.00	1.02	100%	1.00	0.065	---	0.066	---
			H	15.93	16.00	1.02	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
BT（MIMO）	Exposure condition	Position	Channel						First	Second	First	Second
BR	Head	Left Cheek	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.157	---	0.173	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Left tilt	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.097	---	0.107	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Right Cheek	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.208	---	0.227	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Right tilt	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.085	---	0.093	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
BR	Body-worn	Back	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.020	---	0.021	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Front	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.020	---	0.021	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
BR	Hotspot (Support Bluetooth Thetering)	Back	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.020	---	0.021	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Front	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.020	---	0.021	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Top	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.020	---	0.021	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Bottom	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.020	---	0.021	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Left	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.062	---	0.068	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---
		Right	L	15.27	16.00	1.18	100%	1.00	---	---	---	---
			M	15.72	16.00	1.07	100%	1.00	0.075	---	0.077	---
			H	15.78	16.00	1.05	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WLAN2.4GHz	Exposure condition	Position	Channel						First	Second	First	Second
802.11b	Head	Left Cheek	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.286	---	0.300	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Left tilt	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.134	---	0.141	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Right Cheek	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.248	---	0.260	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Right tilt	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.113	---	0.119	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
802.11b	Body-worn	Back	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.049	---	0.051	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Front	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.035	---	0.037	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
802.11b	Hotspot	Back	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.048	---	0.050	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Front	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.033	---	0.035	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Top	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.010	---	0.011	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Bottom	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.010	---	0.011	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Left	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.091	---	0.096	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---
		Right	L	14.36	15.00	1.16	100%	1.00	---	---	---	---
			M	14.79	15.00	1.05	100%	1.00	0.032	---	0.034	---
			H	14.72	15.00	1.07	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WLAN5GHz UNII-1	Exposure condition	Position	Channel						First	Second	First	Second
802.11a	Head	Left Cheek	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.927	---	0.973	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Left tilt	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.309	---	0.324	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Right Cheek	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.866	---	0.909	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Right tilt	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.278	---	0.292	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
802.11a	Body-worn	Back	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.230	---	0.242	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Front	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.124	---	0.130	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
802.11a	Hotspot	Back	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.215	---	0.226	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Front	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.114	---	0.120	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Top	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.079	---	0.083	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Bottom	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.055	---	0.058	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Left	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.326	---	0.342	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---
		Right	L	14.72	15.00	1.07	100%	1.00	---	---	---	---
			M	14.77	15.00	1.05	100%	1.00	0.047	---	0.049	---
			H	14.35	15.00	1.16	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WLAN5GHz UNII-2A	Exposure condition	Position	Channel						First	Second	First	Second
802.11a	Head	Left Cheek	L	14.14	15.00	1.22	100%	1.00	---	---	---	---
			M	14.88	15.00	1.03	100%	1.00	0.923	---	0.951	---
			H	14.38	15.00	1.15	100%	1.00	---	---	---	---
		Left tilt	L	14.14	15.00	1.22	100%	1.00	---	---	---	---
			M	14.88	15.00	1.03	100%	1.00	0.385	---	0.397	---
			H	14.38	15.00	1.15	100%	1.00	---	---	---	---
		Right Cheek	L	14.14	15.00	1.22	100%	1.00	---	---	---	---
			M	14.88	15.00	1.03	100%	1.00	0.891	---	0.918	---
			H	14.38	15.00	1.15	100%	1.00	---	---	---	---
		Right tilt	L	14.14	15.00	1.22	100%	1.00	---	---	---	---
			M	14.88	15.00	1.03	100%	1.00	0.316	---	0.325	---
			H	14.38	15.00	1.15	100%	1.00	---	---	---	---
802.11a	Body-worn	Back	L	14.14	15.00	1.22	100%	1.00	---	---	---	---
			M	14.88	15.00	1.03	100%	1.00	0.218	---	0.225	---
			H	14.38	15.00	1.15	100%	1.00	---	---	---	---
		Front	L	14.14	15.00	1.22	100%	1.00	---	---	---	---
			M	14.88	15.00	1.03	100%	1.00	0.113	---	0.116	---
			H	14.38	15.00	1.15	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WLAN5GHz UNII-2C	Exposure condition	Position	Channel						First	Second	First	Second
802.11a	Head	Left Cheek	L	14.75	15.00	1.06	100%	1.00	---	---	---	---
			M	14.82	15.00	1.04	100%	1.00	0.465	---	0.484	---
			H	14.76	15.00	1.06	100%	1.00	---	---	---	---
		Left tilt	L	14.75	15.00	1.06	100%	1.00	---	---	---	---
			M	14.82	15.00	1.04	100%	1.00	0.278	---	0.289	---
			H	14.76	15.00	1.06	100%	1.00	---	---	---	---
		Right Cheek	L	14.75	15.00	1.06	100%	1.00	---	---	---	---
			M	14.82	15.00	1.04	100%	1.00	0.395	---	0.411	---
			H	14.76	15.00	1.06	100%	1.00	---	---	---	---
		Right tilt	L	14.75	15.00	1.06	100%	1.00	---	---	---	---
			M	14.82	15.00	1.04	100%	1.00	0.219	---	0.228	---
			H	14.76	15.00	1.06	100%	1.00	---	---	---	---
802.11a	Body-worn	Back	L	14.75	15.00	1.06	100%	1.00	---	---	---	---
			M	14.82	15.00	1.04	100%	1.00	0.127	---	0.132	---
			H	14.76	15.00	1.06	100%	1.00	---	---	---	---
		Front	L	14.75	15.00	1.06	100%	1.00	---	---	---	---
			M	14.82	15.00	1.04	100%	1.00	0.081	---	0.084	---
			H	14.76	15.00	1.06	100%	1.00	---	---	---	---

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty cycle	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
WLAN5GHz UNII-3	Exposure condition	Position	Channel						First	Second	First	Second
802.11a	Head	Left Cheek	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.603	---	0.718	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Left tilt	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.297	---	0.353	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Right Cheek	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.546	---	0.650	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Right tilt	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.253	---	0.301	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
802.11a	Body-worn	Back	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.215	---	0.256	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Front	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.118	---	0.140	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
802.11a	Hotspot	Back	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.241	---	0.287	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Front	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.121	---	0.144	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Top	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.087	---	0.104	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Bottom	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.080	---	0.095	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Left	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.145	---	0.173	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---
		Right	L	14.94	15.00	1.01	100%	1.00	---	---	---	---
			M	14.26	15.00	1.19	100%	1.00	0.059	---	0.070	---
			H	14.49	15.00	1.12	100%	1.00	---	---	---	---

4.6.3 SAR Summation

<SAR Summation Analysis>

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

The simultaneous transmission possibilities for this device are listed as below.

	Capable Transmit Configurations	Head	Body-worn	Hotspot
Simultaneous TX Combination	WWAN + WLAN2.4G	Yes	Yes	Yes
	WWAN + WLAN5G	Yes	Yes	Yes
	WWAN + BT	Yes	Yes	Yes
	WWAN + WLAN5G+BT	Yes	Yes	NO

Note :

1. The 2.4G WLAN and Bluetooth cannot transmit simultaneously.

Exposure condition	Head			
Position	Left cheek	Left tilt	Right cheek	Right tilt
WWAN SISO1	DC_13A_n66A	GSM850	DC_13A_n66A	GSM850
WWAN SISO1	0.283	0.172	0.339	0.192
BT	0.173	0.107	0.227	0.093
WLAN2.4GHz	0.300	0.141	0.260	0.119
WLAN5GHz	0.873	0.397	0.918	0.325
+BT	0.456	0.279	0.566	0.285
+WLAN2.4GHz	0.583	0.313	0.599	0.311
+WLAN5GHz	1.156	0.569	1.257	0.517
+BT +WLAN5GHz	1.329	0.676	1.484	0.610
Simultaneous Transmission	DC_13A_n66A+BT +WLAN5GHz	GSM850+BT +WLAN5GHz	DC_13A_n66A+BT +WLAN5GHz	GSM850+BT +WLAN5GHz
Simultaneous Transmission	1.329	0.676	1.484	0.610

Exposure condition	Body worn	
Position	Back	Front
WWAN SISO1	DC_13A_n66A	DC_66A_n5A
WWAN SISO1	0.705	0.756
BT	0.021	0.021
WLAN2.4GHz	0.051	0.037
WLAN5GHz	0.256	0.140
+BT	0.726	0.777
+WLAN2.4GHz	0.756	0.793

+WLAN5GHz	0.961	0.896
+BT +WLAN5GHz	0.982	0.917
Simultaneous Transmission	DC_13A_n66A +BT +WLAN5GHz	DC_66A_n5A+BT +WLAN5GHz
Simultaneous Transmission	0.982	0.917

Exposure condition	Hotspot					
Position	Back	Front	Top	Bottom	Left	Right
WWAN SISO1	DC_13A_n66A	DC_66A_n5A	LTE Band2	DC_13A_n66A	DC_66A_n41A	DC_13A_n66A
WWAN SISO1	0.705	0.681	0.073	0.648	0.514	0.511
BT	0.021	0.021	0.021	0.021	0.068	0.077
WLAN2.4GHz	0.050	0.035	0.011	0.011	0.096	0.034
WLAN5GHz	0.287	0.144	0.104	0.095	0.342	0.07
+BT	0.726	0.702	0.094	0.669	0.582	0.588
+WLAN2.4GHz	0.755	0.716	0.084	0.659	0.610	0.545
+WLAN5GHz	0.992	0.825	0.177	0.743	0.856	0.581
+BT +WLAN5GHz	1.013	0.846	0.198	0.764	0.924	0.658
Simultaneous Transmission	DC_13A_n66A +BT +WLAN5GHz	DC_66A_n5A++ BT +WLAN5GHz	LTE Band2 +BT+WLAN5GHz	DC_13A_n66A+BT+WLAN5GHz	DC_66A_n41A+BT +WLAN5GHz	DC_13A_n66A +BT +WLAN5GHz
Simultaneous Transmission	1.013	0.846	0.198	0.764	0.924	0.658

4.6.4 NFC

Mode	MAX Emission Level (dBuV/m)	MAX EIRP (dBm)	MAX EIRP (mW)	Ant to surface (mm)	Exemption Limit (mW)	Require SAR Testing?
NFC （13.56MHz）	84	-11.2	0.0759	5	442	No

Note:

1.For maximum emission result please refer to the NFC test report.

2.EIRP[dBm] = E[dBuV/m]+ 20log(d [m])-104.77. for Max Emission Level listed above, the test distance is 3m.

Test Engineer：HuiWen

5. Calibration of Test Equipment

Test Equipment	Model	Serial Number	Calibration date	Calibration due data
DAE	DAE4	546	2025/11/19	2026/11/18
Dosimetric E-field Probe	EX3DV4	3708	2026/01/13	2027/01/12
Dipole Validation Kit	D750V3	1101	2023/10/19	2026/10/18
Dipole Validation Kit	D835V2	4d023	2023/10/25	2026/10/24
Dipole Validation Kit	D900V2	171	2023/09/19	2026/09/18
Dipole Validation Kit	D1450V2	1065	2023/10/17	2026/10/16
Dipole Validation Kit	D1800V2	2d084	2023/09/18	2026/09/17
Dipole Validation Kit	D2000V2	1009	2023/10/23	2026/10/22
Dipole Validation Kit	D2450V2	738	2023/10/23	2026/10/22
Dipole Validation Kit	D3500V2	1090	2025/11/04	2028/11/03
Dipole Validation Kit	D4200V2	1013	2025/11/04	2028/11/03
Dipole Validation Kit	D5GHzV2	1079	2023/10/17	2026/10/16

6. Measurement Uncertainty

Uncertainty Budget

(Frequency band: 300 MHz–10 GHz range)

Symbol	Error Description	Uncert. value	Prob. Dist.	Div.	(c_i) (1 g)	(c_i) (10 g)	Std. Unc. (1 g)	Std. Unc. (10 g)
Measurement System Errors								
CF	Probe Calibration	±18.6%	N	2	1	1	±9.3%	±9.3%
CF_{drift}	Probe Calibration Drift	±1.7%	R	$\sqrt{3}$	1	1	±0.98%	±0.98%
LIN	Probe Linearity	±4.7%	R	$\sqrt{3}$	1	1	±2.71%	±2.71%
BBS	Broadband Signal	±2.8%	R	$\sqrt{3}$	1	1	±1.62%	±1.62%
ISO	Probe Isotropy (axial)	±9.6%	R	$\sqrt{3}$	1	1	±5.54%	±5.54%
DAE	Other Probe+Electronic	±2.4%	N	1	1	1	±2.4%	±2.4%
AMB	RF Ambient	±0.0%	N	1	1	1	±0.0%	±0.0%
Δ_{sys}	Probe Positioning	±0.005mm	N	1	0.5	0.5	±0.25%	±0.25%
DAT	Data Processing	±4.0%	N	1	1	1	±4.0%	±4.0%
Phantom and Device Errors								
LIQ(σ)	Conductivity (meas.)^{DAK}	±3.0%	N	1	0.78	0.71	±2.34%	±2.13%
LIQ(T_σ)	Conductivity (temp.)^{BB}	±2.43%	R	$\sqrt{3}$	0.78	0.71	±1.09%	±1.00%
EPS	Phantom Permittivity	±14.0%	R	$\sqrt{3}$	0.5	0.5	±4.04%	±4.04%
DIS	Distance DUT – TSL	±2.6%	N	1	2	2	±1.30%	±1.30%
D_{xyz}	Device Positioning	±0.9%	N	1	1	1	±0.9%	±0.9%
H	Device Holder	±2.8%	N	1	1	1	±2.8%	±2.8%
MOD	DUT Modulation	±2.4%	R	$\sqrt{3}$	1	1	±1.39%	±1.39%
TAS	Time-average SAR	±1.73%	R	$\sqrt{3}$	1	1	±1.00%	±1.00%
RF_{drift}	DUT drift	±1.78%	N	1	1	1	±1.78%	±1.78%
VAL	Validation antenna	±3.2%	N	1	1	1	±3.2%	±3.2%
P_{in}	Accepted power	±2.0%	N	1	1	1	±2.0%	±2.0%
Correction to the SAR results								
C(ε, σ)	Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.60%
C(R)	SAR scaling^{p}	±0%	R	$\sqrt{3}$	1	1	±0%	±0%
u(ΔSAR)	Combined Uncertainty						14.39	14.32
U	**Expanded Uncertainty**						28.78	28.64

7. Information on the Testing Laboratories

We, BOOMWAVE TEST (SHENZHEN) CO., LTD., were founded in 2025 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

BOOMWAVE TEST (SHENZHEN) CO., LTD.
Lab Address:
Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street, Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

Shenzhen EMC/RF Lab:
Mobile: +86 15118052731
Email: shimin.wang@boomwavelab.com

---END---

Appendix A. SAR Plots of System Verification

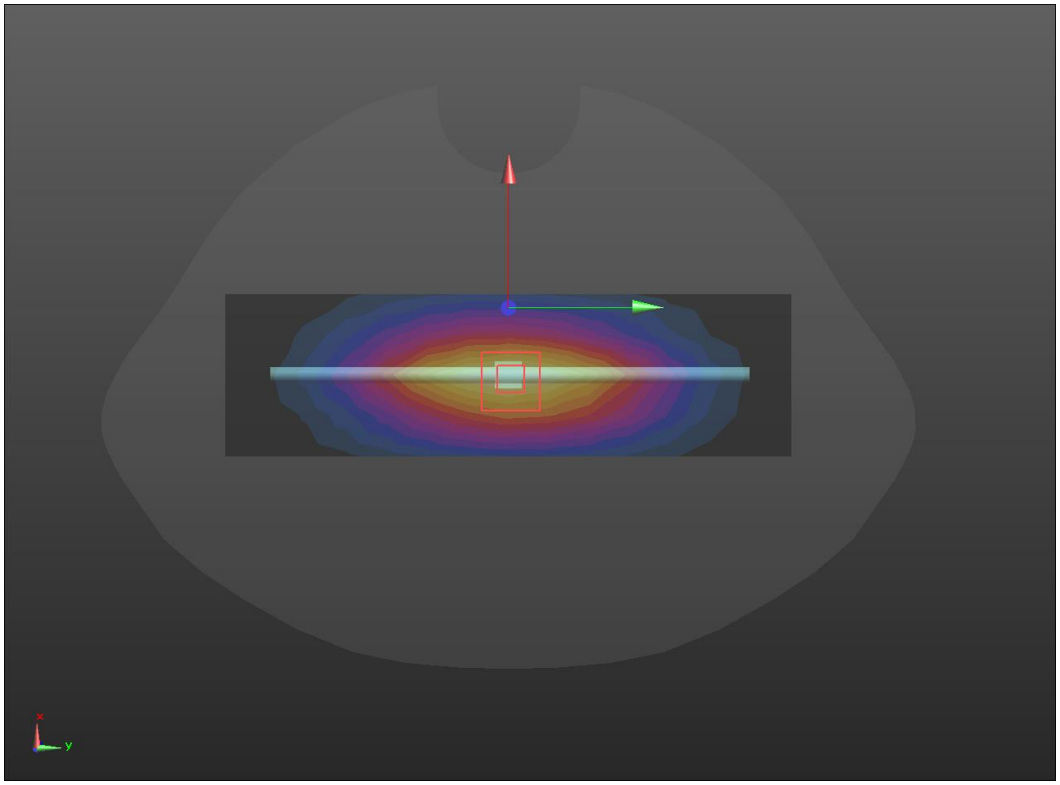
The plots for system verification with largest deviation for each SAR system combination are shown as follows.

System check	750MHz

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.867 S/m; ε_r = 41.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(9.34, 9.34, 9.34); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  750/Dipole 750MHz/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 2.68 W/kg
  750/Dipole 750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 58.93 V/m; Power Drift = -0.15 dB
  Peak SAR (extrapolated) = 3.04 W/kg
  SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.33 W/kg
  Maximum value of SAR (measured) = 2.69 W/kg



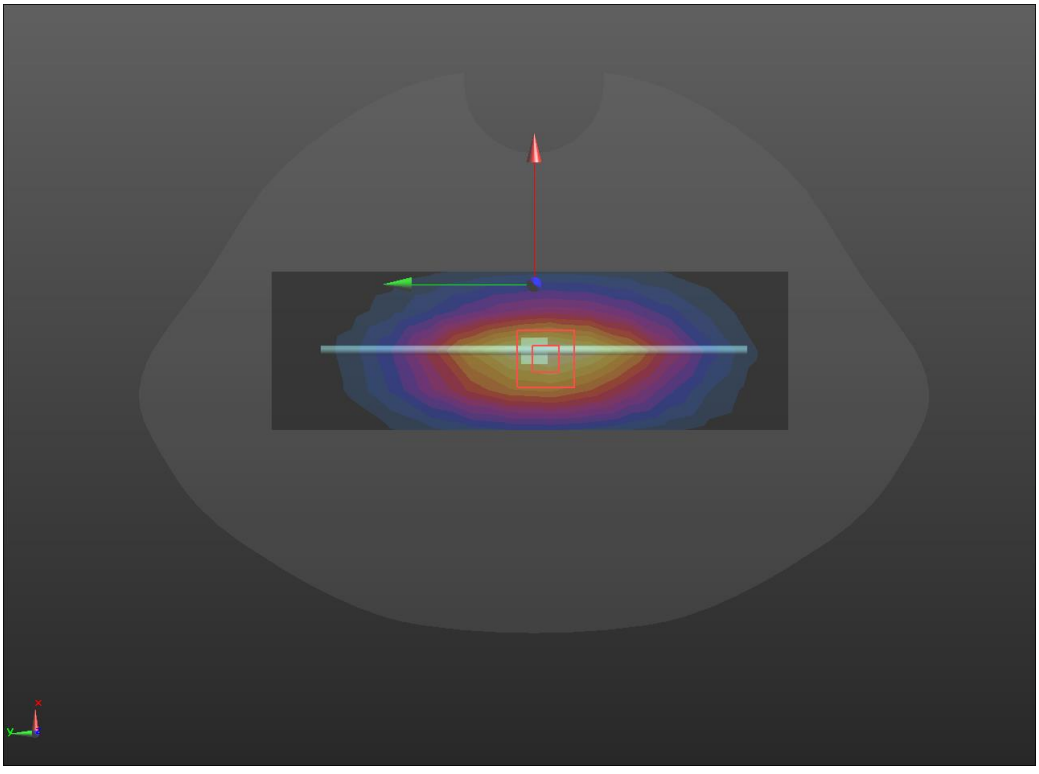
performed system check by using 250mw at antenna port

System check	835MHz

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.902 S/m; ε_r = 42.639; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(9.23, 9.23, 9.23); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D835/Dipole 835MHz/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 3.22 W/kg
  D835/Dipole 835MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 62.50 V/m; Power Drift = 0.05 dB
  Peak SAR (extrapolated) = 3.75 W/kg
  SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.62 W/kg
  Maximum value of SAR (measured) = 3.33 W/kg



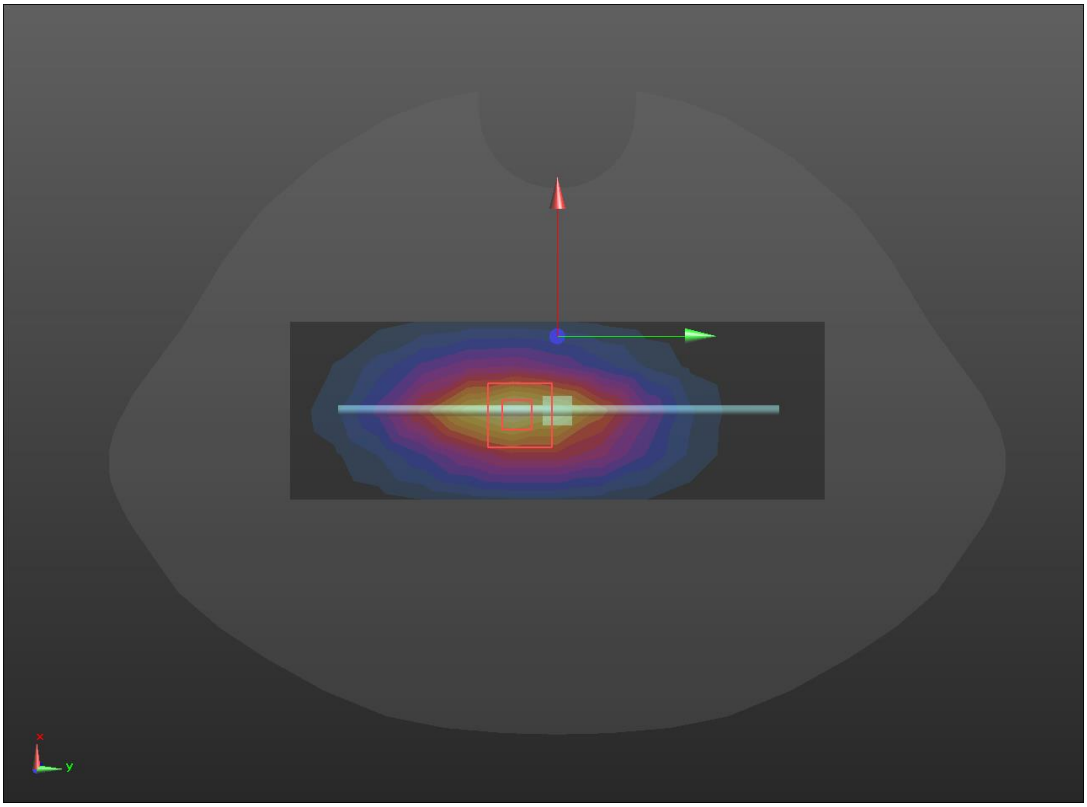
performed system check by using 250mw at antenna port

System check	900MHz

Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 0.992 S/m; ε_r = 43.018; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(9.22, 9.22, 9.22); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D900/Dipole 900MHz/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 5.80 W/kg
  D900/Dipole 900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 76.48 V/m; Power Drift = 0.05 dB
  Peak SAR (extrapolated) = 7.06 W/kg
  SAR(1 g) = 2.86 W/kg; SAR(10 g) = 1.86 W/kg
  Maximum value of SAR (measured) = 5.87 W/kg



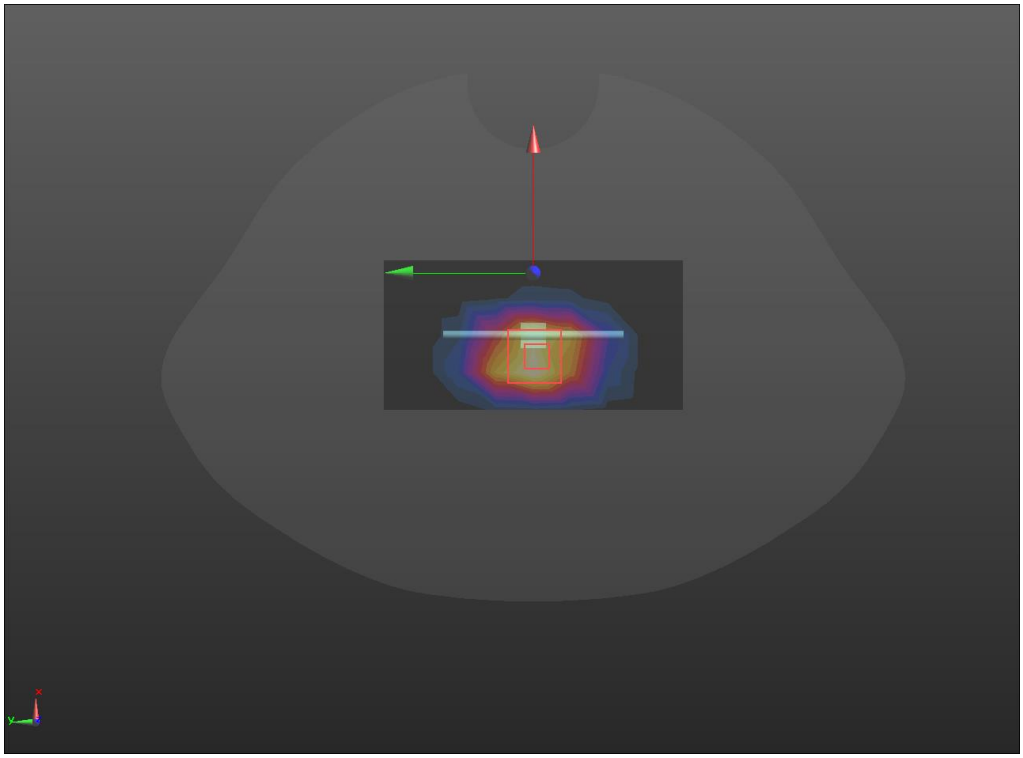
performed system check by using 250mw at antenna port

System check	1800MHz

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.419 S/m; ε_r = 39.083; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.13, 8.13, 8.13); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D1800/Dipole 1800MHz/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 9.81 W/kg
  D1800/Dipole 1800MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 83.70 V/m; Power Drift = 0.13 dB
  Peak SAR (extrapolated) = 16.0 W/kg
  SAR(1 g) = 9.74 W/kg; SAR(10 g) = 4.87 W/kg
  Maximum value of SAR (measured) = 13.4 W/kg



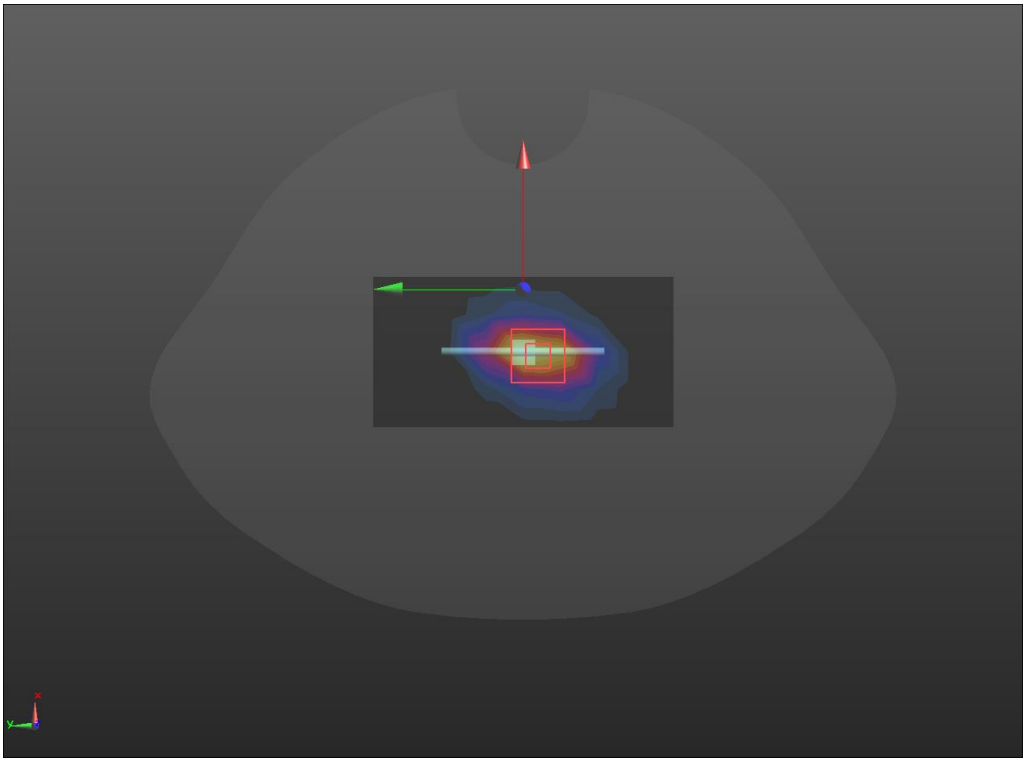
performed system check by using 250mw at antenna port

System check	2000MHz

Communication System: UID 0, CW (0); Frequency: 2000 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2000 MHz; σ = 1.47 S/m; ε_r = 40.135; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.92, 7.92, 7.92); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D2000/Dipole 2000MHz/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 14.4 W/kg
  D2000/Dipole 2000MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 105.4 V/m; Power Drift = 0.04 dB
  Peak SAR (extrapolated) = 18.3 W/kg
  SAR(1 g) = 9.73 W/kg; SAR(10 g) = 4.95 W/kg
  Maximum value of SAR (measured) = 15.4 W/kg



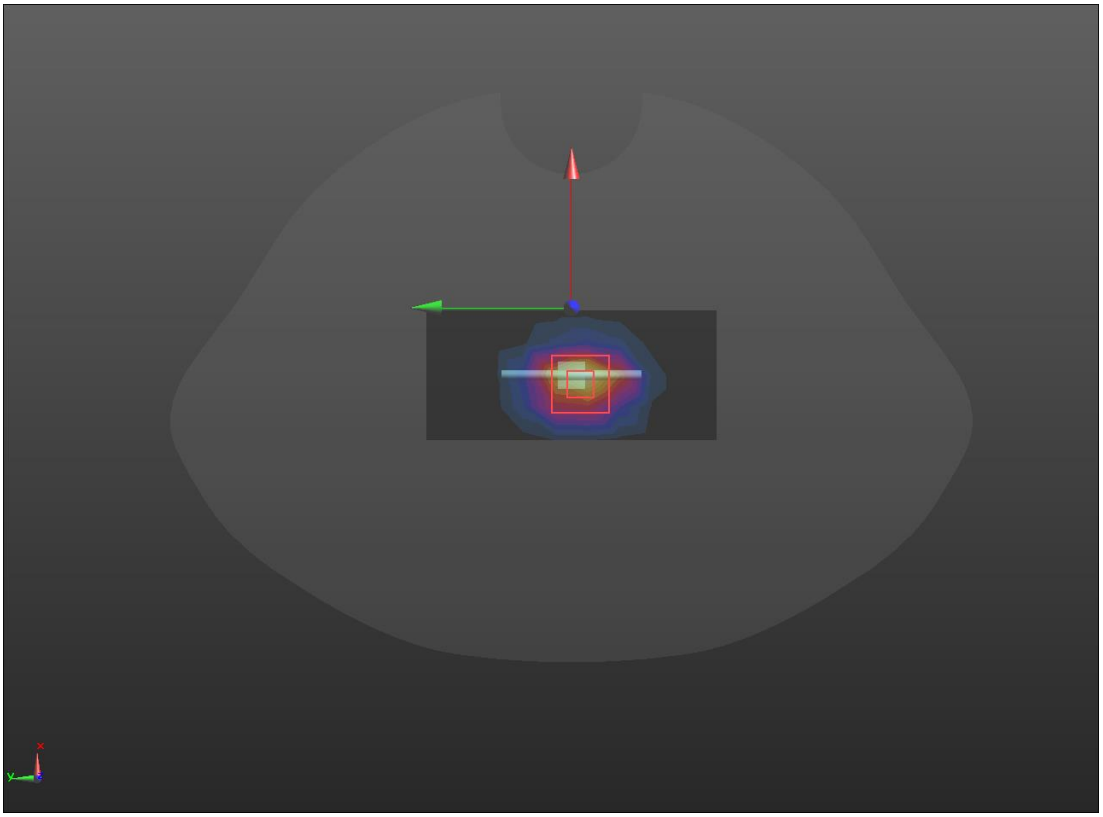
performed system check by using 250mw at antenna port

System check	2450MHz

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.89 S/m; ε_r = 40.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.58, 7.58, 7.58); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D2450/Dipole 2450MHz/Area Scan (5x10x1): Measurement grid: dx=12mm, dy=12mm
  Maximum value of SAR (measured) = 19.7 W/kg
  D2450/Dipole 2450MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 106.7 V/m; Power Drift = 0.20 dB
  Peak SAR (extrapolated) = 26.2 W/kg
  SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.07 W/kg
  Maximum value of SAR (measured) = 21.2 W/kg



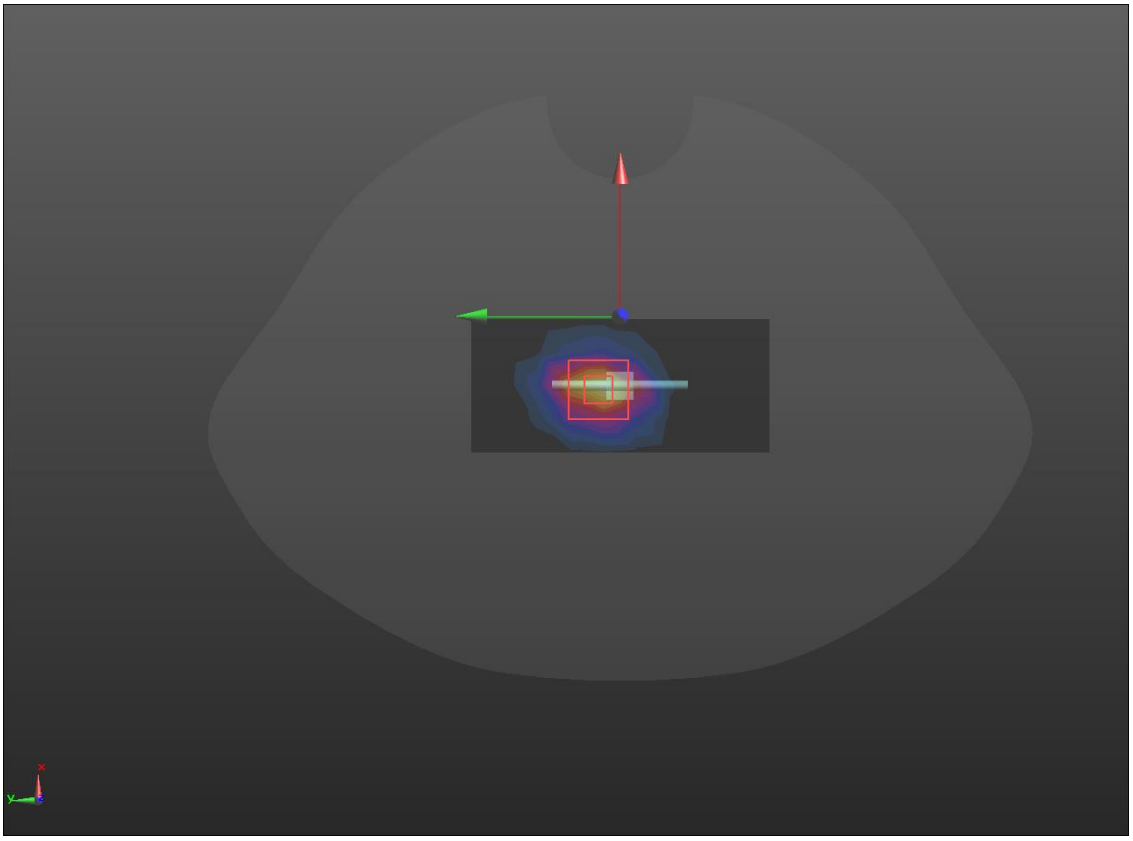
performed system check by using 250mw at antenna port

System check	2600MHz

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.95 S/m; ε_r = 38.12; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.43, 7.43, 7.43); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  2600/Dipole 2600MHz/Area Scan (5x10x1): Measurement grid: dx=12mm, dy=12mm
  Maximum value of SAR (measured) = 21.5 W/kg
  2600/Dipole 2600MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 102.2 V/m; Power Drift = 0.19 dB
  Peak SAR (extrapolated) = 29.5 W/kg
  SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.21 W/kg
  Maximum value of SAR (measured) = 23.2 W/kg



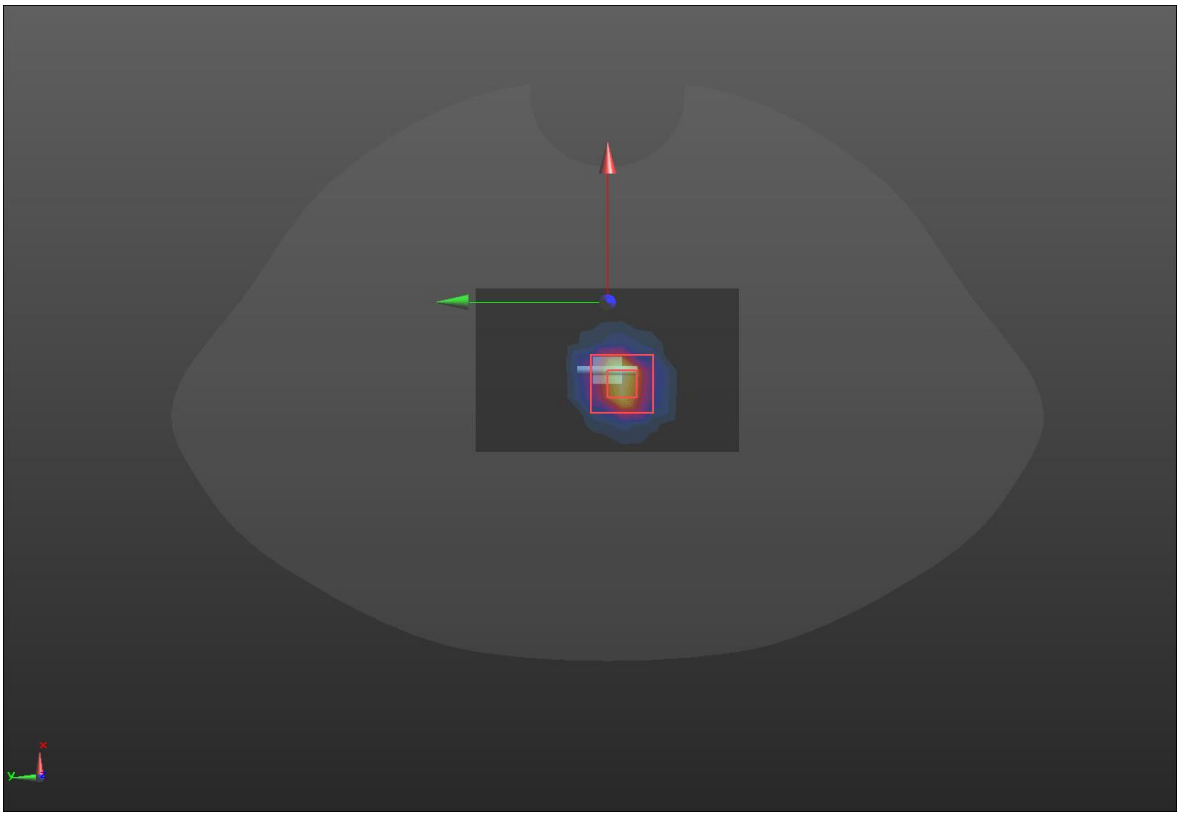
performed system check by using 250mw at antenna port

System check	5200MHz

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.56 S/m; ε_r = 37.36; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.69, 5.69, 5.69); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D5G/D5200 SYSTEM CHECK1/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
  Maximum value of SAR (measured) = 13.9 W/kg
  D5G/D5200 SYSTEM CHECK1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
  Reference Value = 53.80 V/m; Power Drift = 0.14 dB
  Peak SAR (extrapolated) = 29.4 W/kg
  SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.16 W/kg
  Maximum value of SAR (measured) = 18.2 W/kg



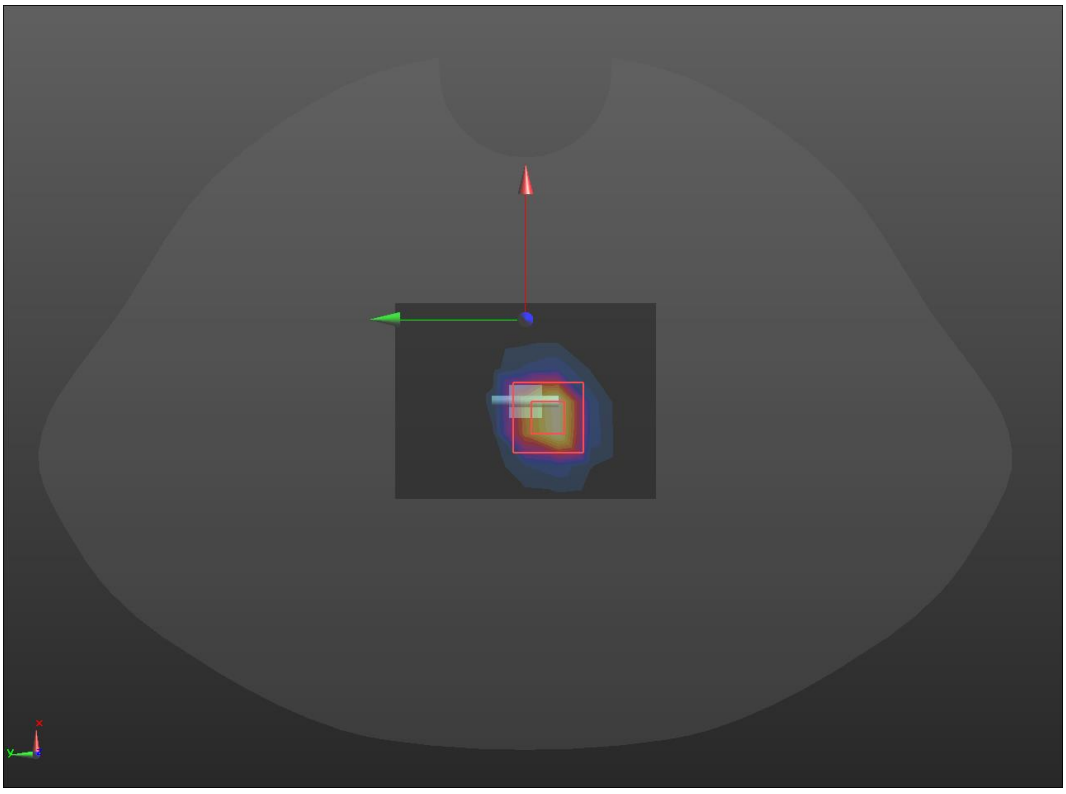
performed system check by using 100mw at antenna port

System check	5300MHz

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.77 S/m; ε_r = 37.64; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.57, 5.57, 5.57); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D5G/D5300 SYSTEM CHECK/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
  Maximum value of SAR (measured) = 12.6 W/kg
  D5G/D5300 SYSTEM CHECK/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
  Reference Value = 47.01 V/m; Power Drift = 0.13 dB
  Peak SAR (extrapolated) = 31.0 W/kg
  SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.24 W/kg
  Maximum value of SAR (measured) = 19.0 W/kg



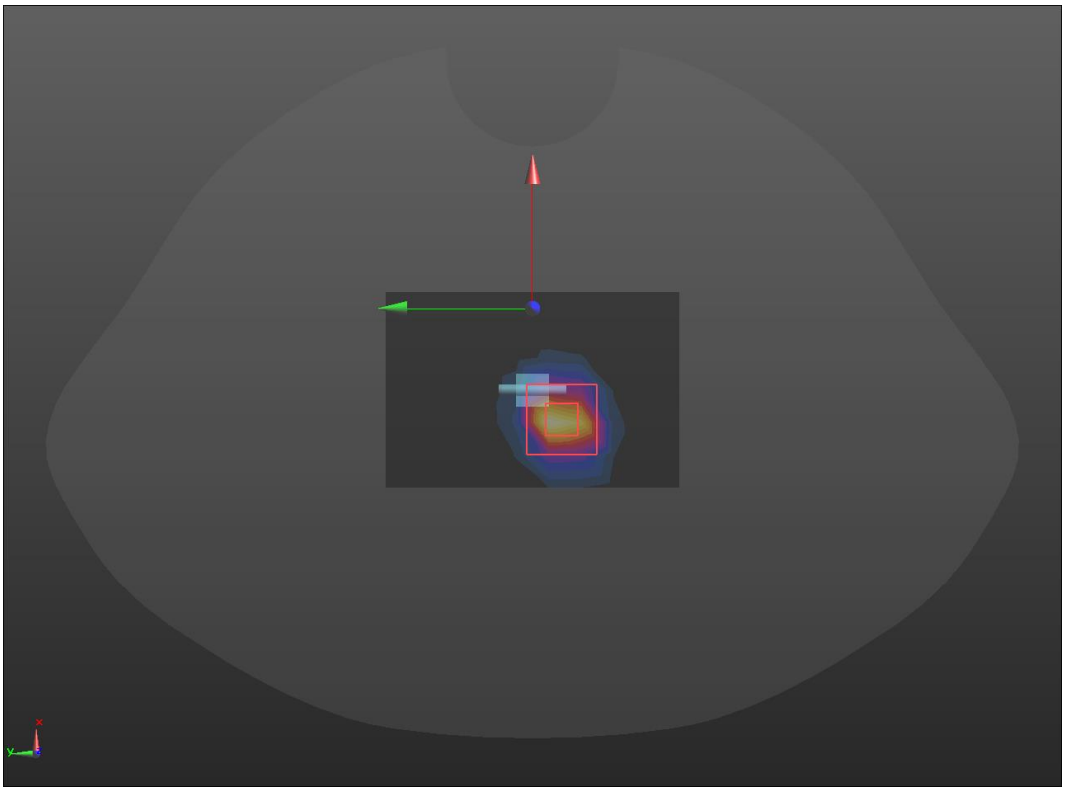
performed system check by using 100mw at antenna port

System check	5600MHz

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.3 S/m; ε_r = 33.92; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.00, 5.00, 5.00); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D5G/D5600 SYSTEM CHECK/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
  Maximum value of SAR (measured) = 15.3 W/kg
  D5G/D5600 SYSTEM CHECK/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
  Reference Value = 36.06 V/m; Power Drift = -0.17 dB
  Peak SAR (extrapolated) = 31.9 W/kg
  SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.19 W/kg
  Maximum value of SAR (measured) = 18.5 W/kg



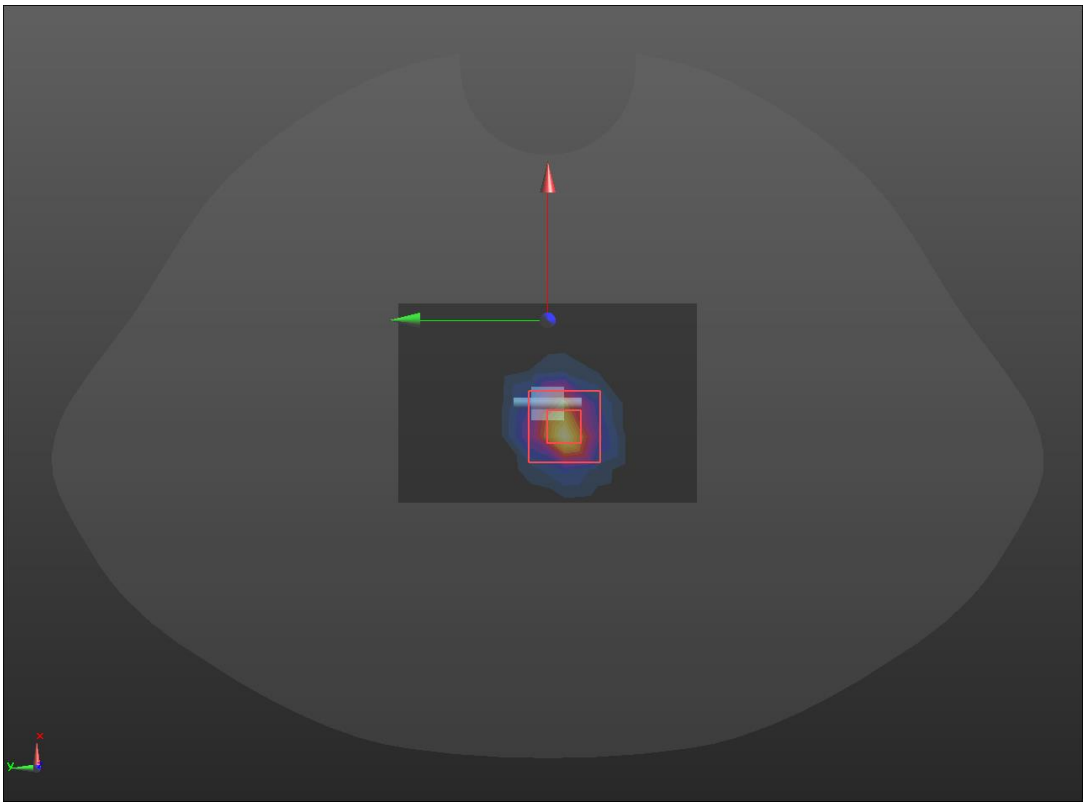
performed system check by using 100mw at antenna port

System check	5800MHz

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.24 S/m; ε_r = 35.35; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.21, 5.21, 5.21); Calibrated: 1/13/2026;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
  D5G/D5800 SYSTEM CHECK/Area Scan 2 (7x10x1): Measurement grid: dx=10mm, dy=10mm
  Maximum value of SAR (measured) = 18.3 W/kg
  D5G/D5800 SYSTEM CHECK/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
  Reference Value = 47.41 V/m; Power Drift = 0.17 dB
  Peak SAR (extrapolated) = 36.5 W/kg
  SAR(1 g) = 7.96 W/kg; SAR(10 g) = 2.14 W/kg
  Maximum value of SAR (measured) = 20.6 W/kg



performed system check by using 100mw at antenna port

Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

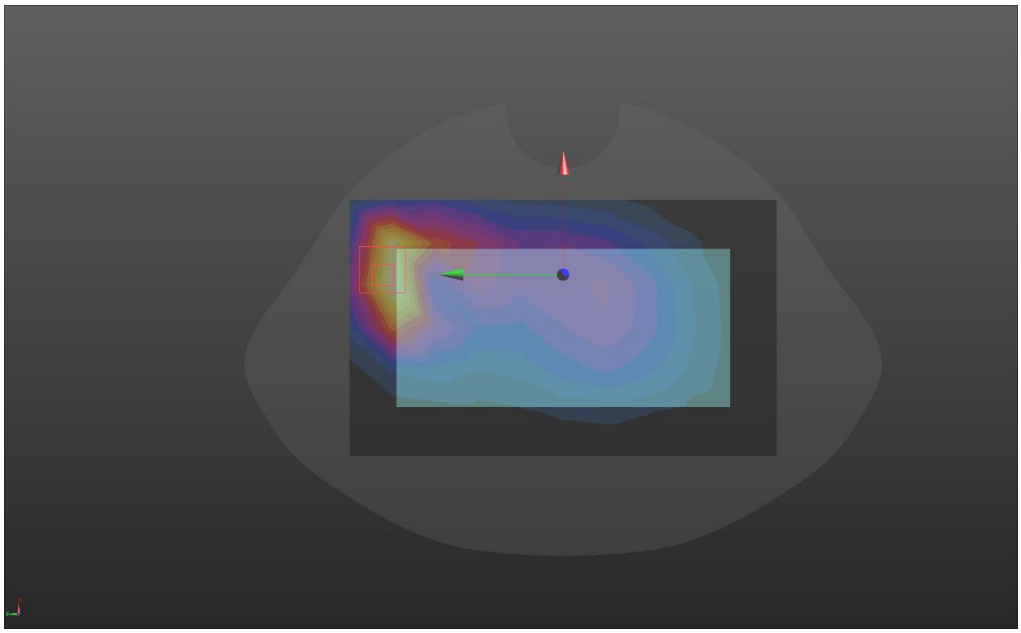
GSM 850

Hotspot	Back

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.905 S/m; ε_r = 41.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.63, 7.89, 8.81) @ 836.6 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/GSM850/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.540 W/kg
  Back/GSM850/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 14.76 V/m; Power Drift = 0.06 dB
  Peak SAR (extrapolated) = 0.640 W/kg
  SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.233 W/kg
  Maximum value of SAR (measured) = 0.543 W/kg



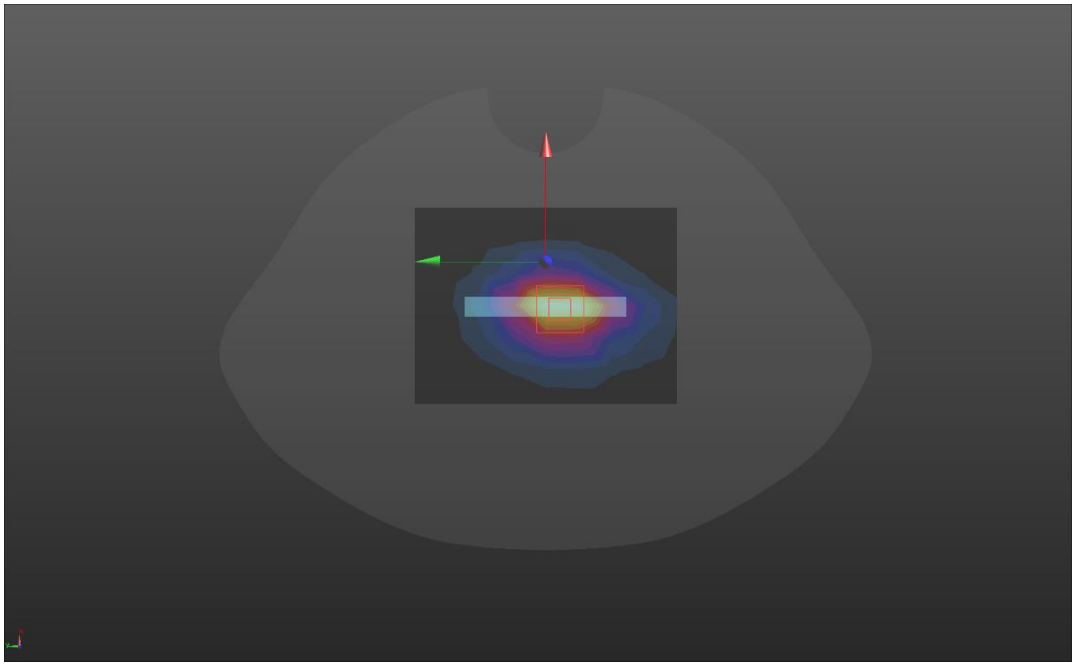
GSM 1900

Hotspot	Bottom

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.4 S/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.46, 6.83, 7.62) @ 1880 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Bottom/GSM1900/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.553 W/kg
  Bottom/GSM1900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 19.78 V/m; Power Drift = 0.20 dB
  Peak SAR (extrapolated) = 0.719 W/kg
  SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.234 W/kg
  Maximum value of SAR (measured) = 0.625 W/kg



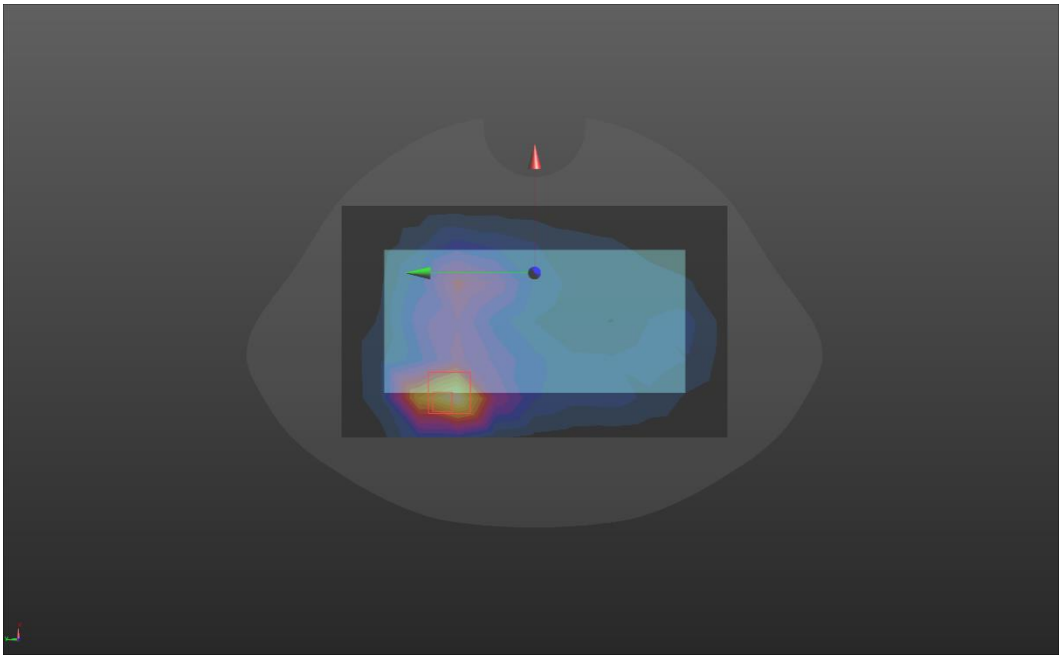
WCDMA II

Hotspot	Back

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.4 S/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.46, 6.83, 7.62) @ 1880 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/WCDMA II/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.563 W/kg
  Back/WCDMA II/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 8.465 V/m; Power Drift = 0.01 dB
  Peak SAR (extrapolated) = 1.18 W/kg
  SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.262 W/kg
  Maximum value of SAR (measured) = 0.607 W/kg



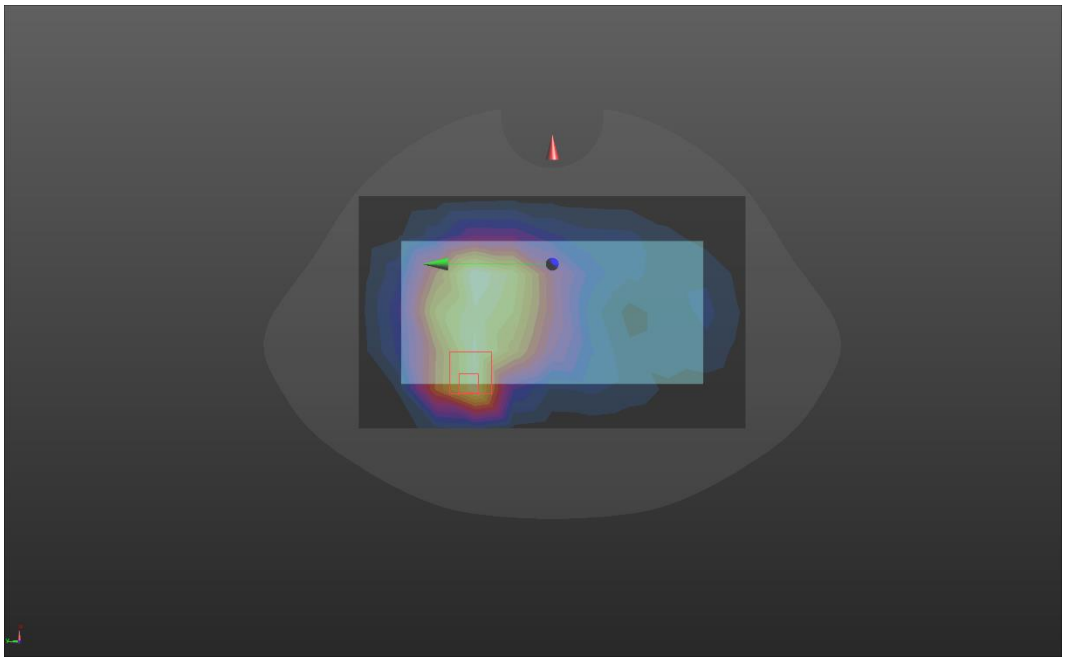
WCDMA IV

Hotspot	Back

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.376 S/m; ε_r = 40.07; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.95, 7.27, 8.12) @ 1732.6 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/WCDMA IV/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.369 W/kg
  Back/WCDMA IV/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 12.17 V/m; Power Drift = -0.09 dB
  Peak SAR (extrapolated) = 0.766 W/kg
  SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.188 W/kg
  Maximum value of SAR (measured) = 0.381 W/kg



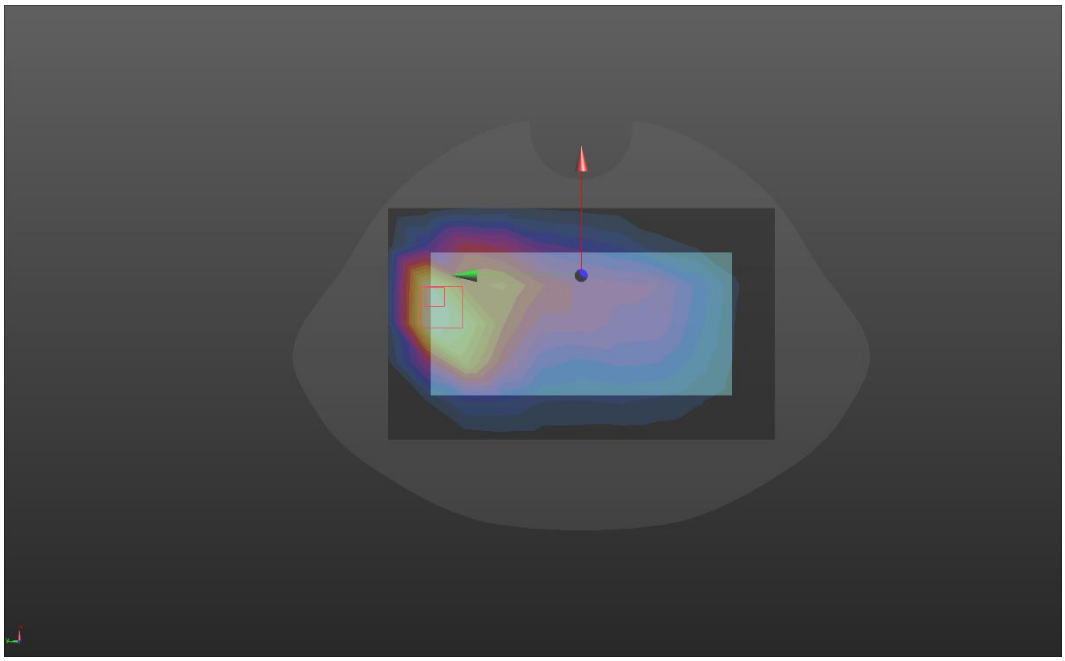
WCDMA V

Hotspot	Back

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.905 S/m; ε_r = 41.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.63, 7.89, 8.81) @ 836.6 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/WCDMA V/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.297 W/kg
  Back/WCDMA V/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 12.81 V/m; Power Drift = -0.04 dB
  Peak SAR (extrapolated) = 0.443 W/kg
  SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.013 W/kg
  Maximum value of SAR (measured) = 0.358 W/kg



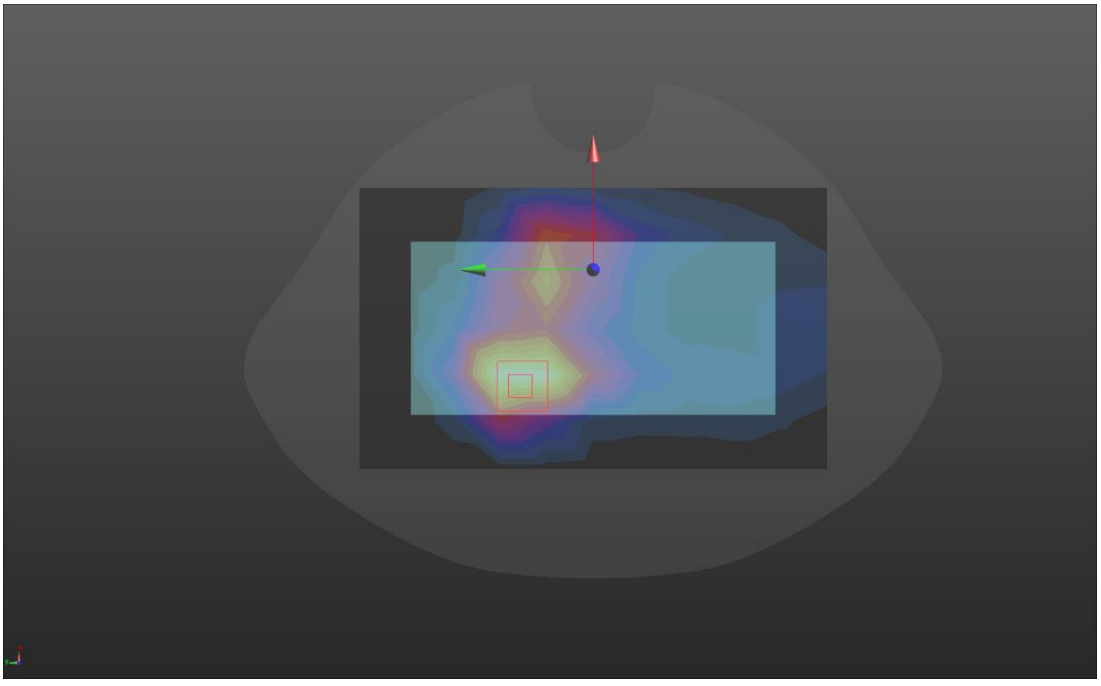
LTE Band 2

Hotspot	Back

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.4 S/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.46, 6.83, 7.62) @ 1880 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/LTE B2/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.445 W/kg
  Back/LTE B2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 10.64 V/m; Power Drift = -0.16 dB
  Peak SAR (extrapolated) = 0.687 W/kg
  SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.225 W/kg
  Maximum value of SAR (measured) = 0.570 W/kg



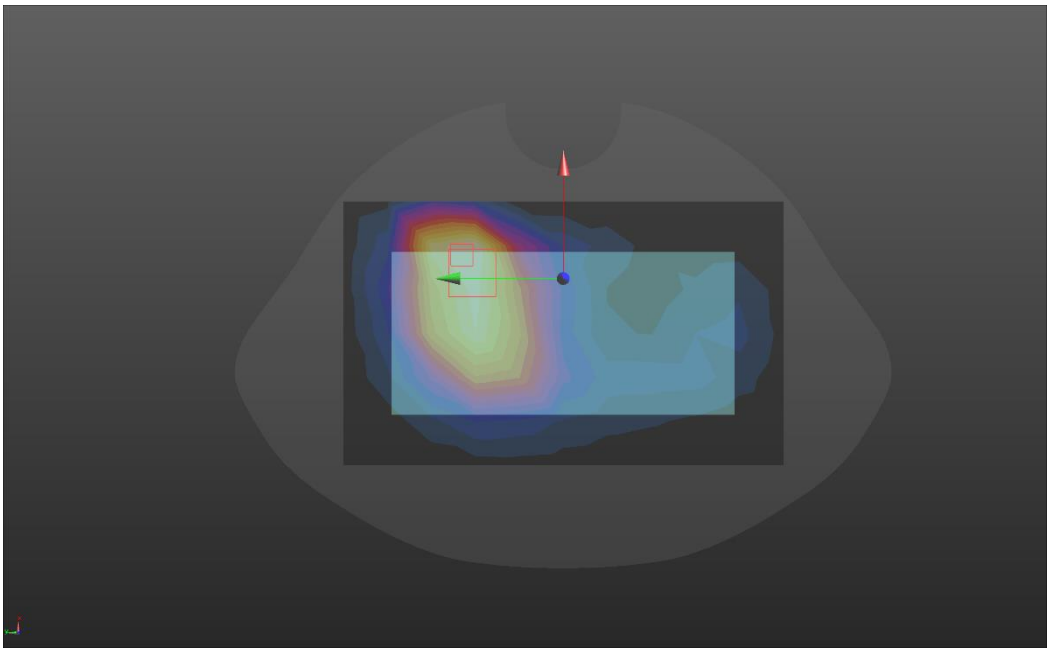
LTE Band 4

Hotspot	Front

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.375 S/m; ε_r = 40.07; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.95, 7.27, 8.12) @ 1732.5 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Front/LTE B4/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.417 W/kg
  Front/LTE B4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 9.199 V/m; Power Drift = 0.11 dB
  Peak SAR (extrapolated) = 0.558 W/kg
  SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.222 W/kg
  Maximum value of SAR (measured) = 0.468 W/kg



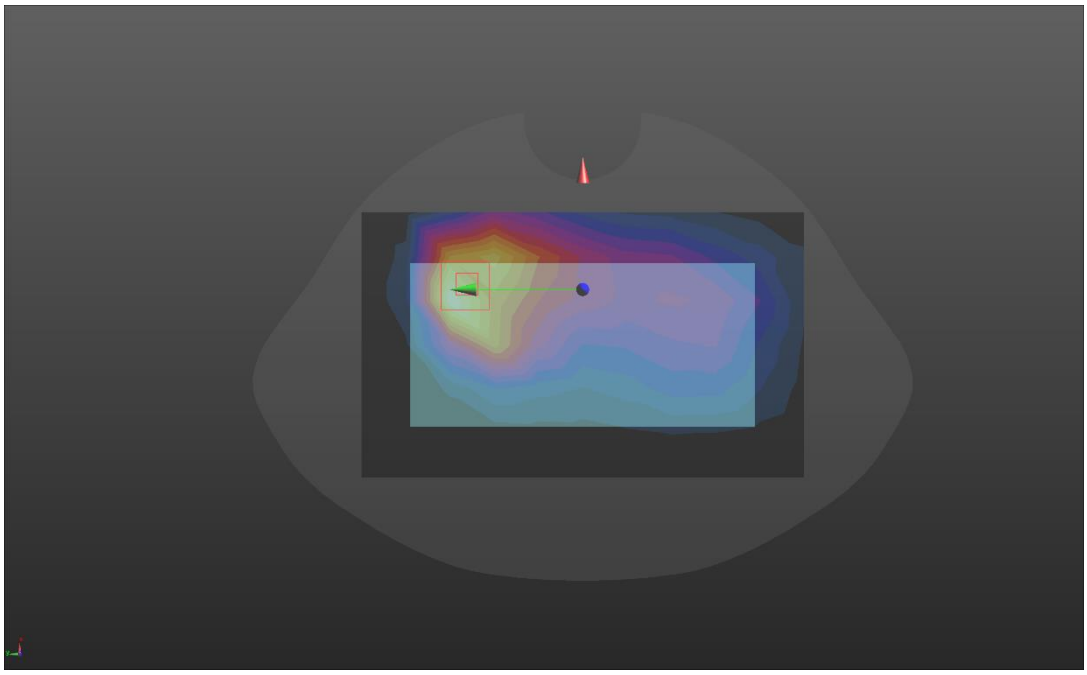
LTE Band 5

Hotspot	Back

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.905 S/m; ε_r = 41.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.63, 7.89, 8.81) @ 836.5 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/LTE B5/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.400 W/kg
  Back/LTE B5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 11.19 V/m; Power Drift = -0.14 dB
  Peak SAR (extrapolated) = 0.660 W/kg
  SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.225 W/kg
  Maximum value of SAR (measured) = 0.537 W/kg



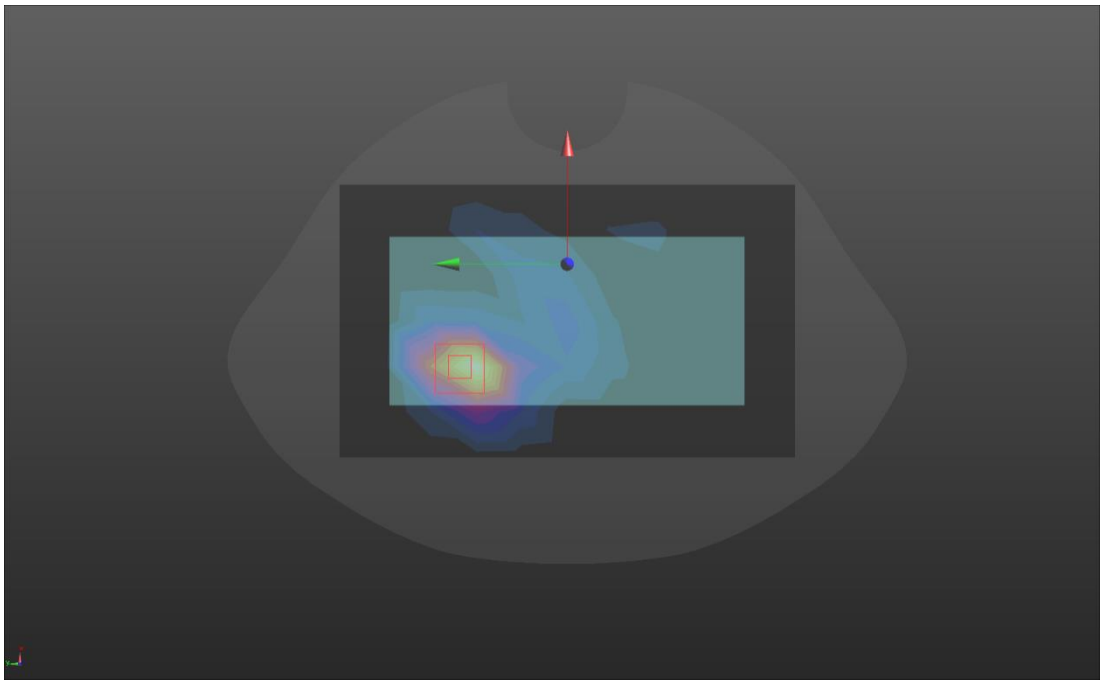
LTE Band 7

Hotspot	Back

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2535 MHz; σ = 1.888 S/m; ε_r = 39.084; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(6.72, 6.15, 6.86) @ 2535 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/LTE B7/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.482 W/kg
  Back/LTE B7/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 8.335 V/m; Power Drift = -0.10 dB
  Peak SAR (extrapolated) = 0.812 W/kg
  SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.194 W/kg
  Maximum value of SAR (measured) = 0.653 W/kg



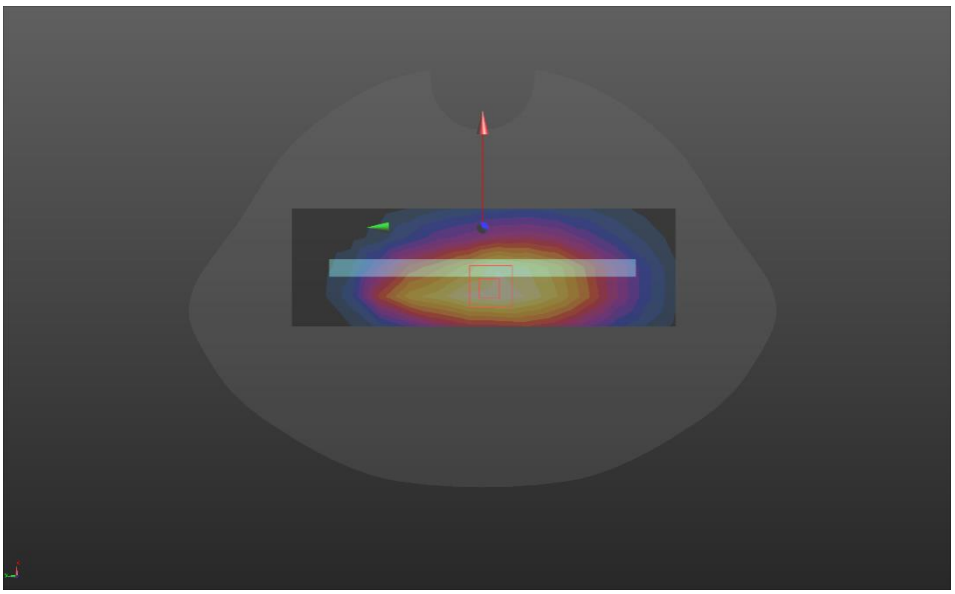
LTE Band 12

Hotspot	Right

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.887 S/m; ε_r = 42.115; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.99, 8.22, 9.18) @ 707.5 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Right/LTE B12/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.324 W/kg
  Right/LTE B12/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 21.12 V/m; Power Drift = -0.02 dB
  Peak SAR (extrapolated) = 0.432 W/kg
  SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.199 W/kg
  Maximum value of SAR (measured) = 0.385 W/kg



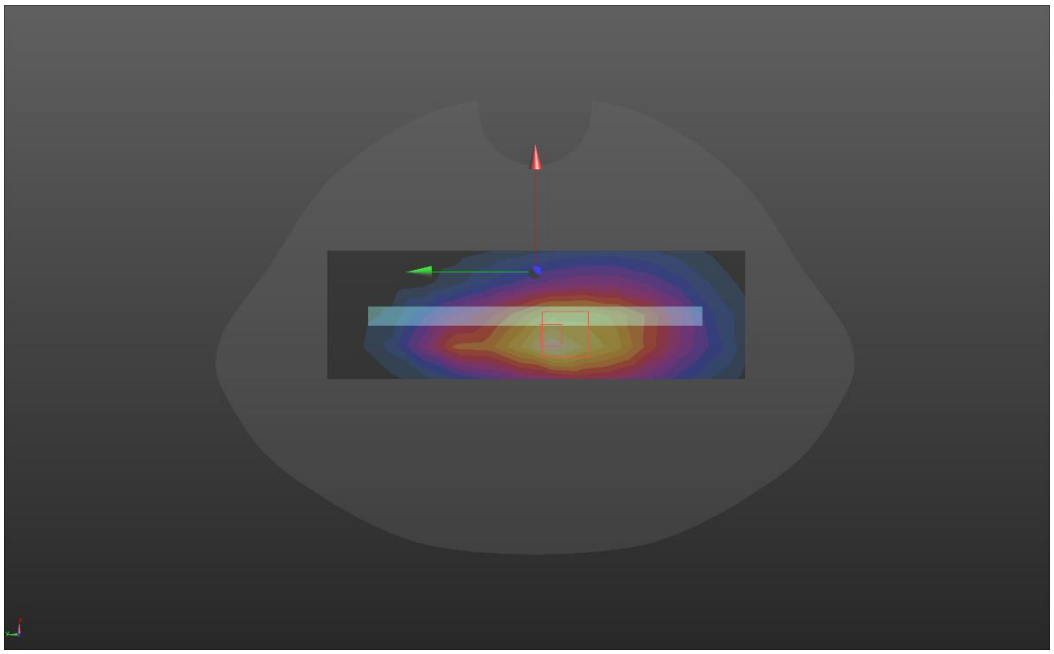
LTE Band 13

Hotspot	Right

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 782 MHz; σ = 0.893 S/m; ε_r = 41.712; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.99, 8.22, 9.18) @ 782 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Right/LTE B13/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.359 W/kg
  Right/LTE B13/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 20.49 V/m; Power Drift = -0.06 dB
  Peak SAR (extrapolated) = 0.407 W/kg
  SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.197 W/kg
  Maximum value of SAR (measured) = 0.359 W/kg



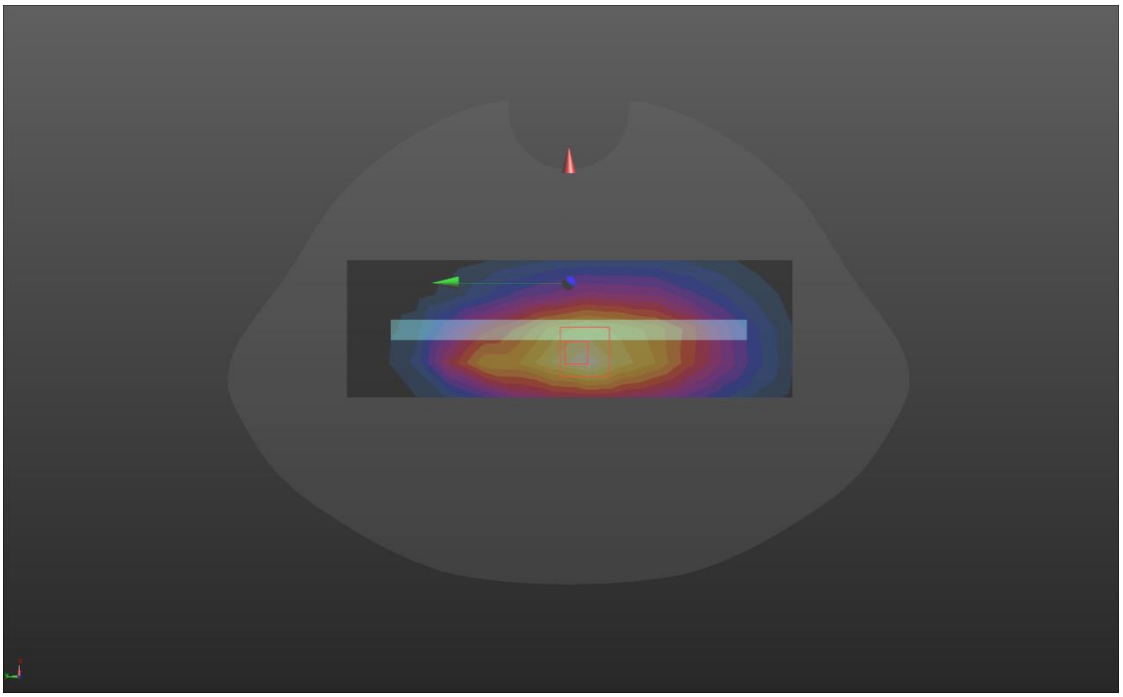
LTE Band 17

Hotspot	Right

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 704 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 704 MHz; σ = 0.887 S/m; ε_r = 42.133; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.99, 8.22, 9.18) @ 704 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Right/LTE B17/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.358 W/kg
  Right/LTE B17/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 20.51 V/m; Power Drift = 0.09 dB
  Peak SAR (extrapolated) = 0.383 W/kg
  SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.204 W/kg
  Maximum value of SAR (measured) = 0.347 W/kg



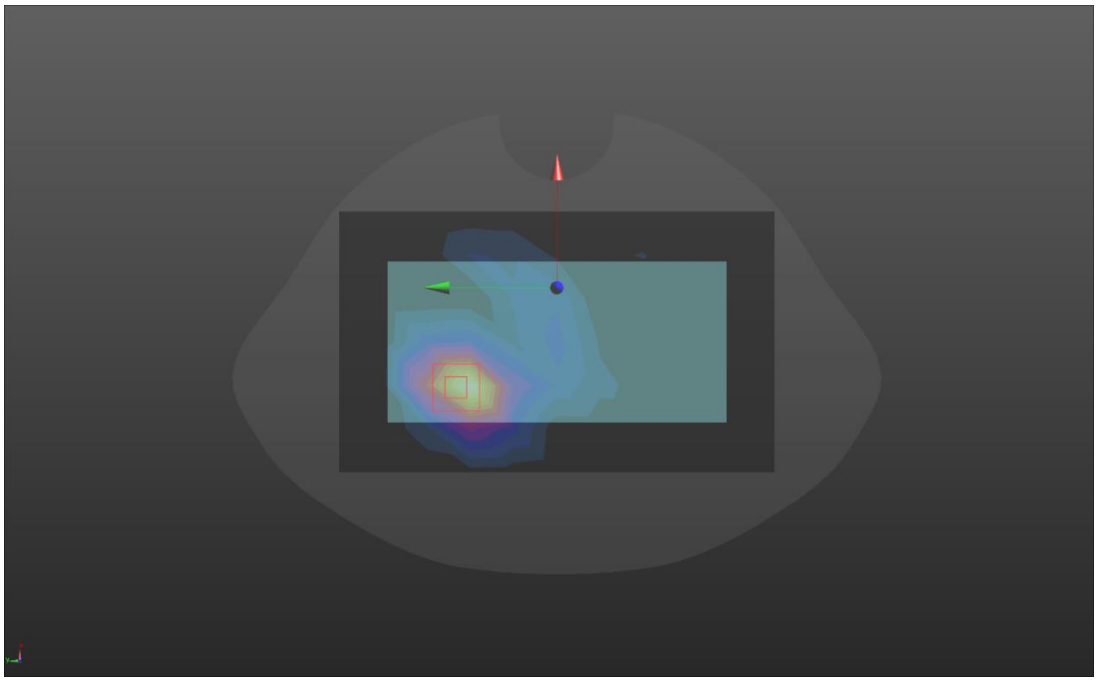
LTE Band 38

Hotspot	Back

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2595 MHz;Duty Cycle: 0.633:1
Medium parameters used (interpolated): f = 2595 MHz; σ = 1.954 S/m; ε_r = 39.006; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(6.72, 6.15, 6.86) @ 2595 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/LTE B38/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.371 W/kg
  Back/LTE B38/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 7.169 V/m; Power Drift = -0.16 dB
  Peak SAR (extrapolated) = 0.640 W/kg
  SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.147 W/kg
  Maximum value of SAR (measured) = 0.464 W/kg



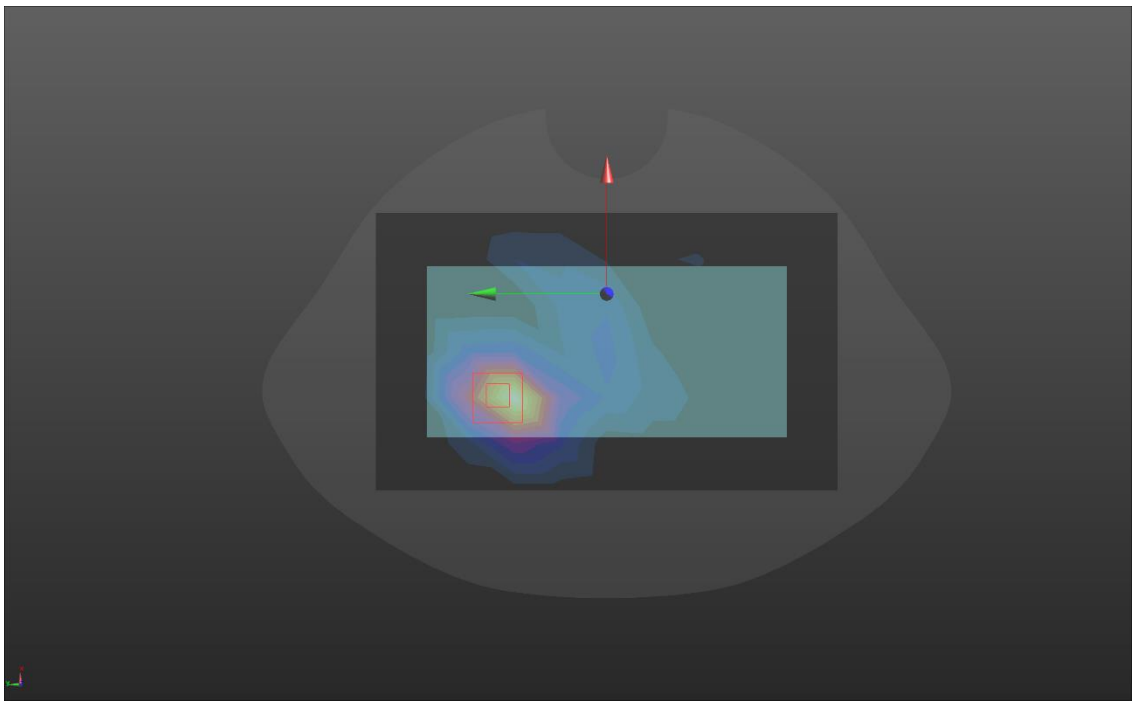
LTE Band 41

Hotspot	Back

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2593 MHz;Duty Cycle: 0.633:1
Medium parameters used (interpolated): f = 2593 MHz; σ = 1.952 S/m; ε_r = 39.009; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(6.72, 6.15, 6.86) @ 2593 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/LTE B41/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm.
  Maximum value of SAR (measured) = 0.410 W/kg
  Back/LTE B41/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 7.482 V/m; Power Drift = -0.07 dB
  Peak SAR (extrapolated) = 0.621 W/kg
  SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.156 W/kg
  Maximum value of SAR (measured) = 0.511 W/kg



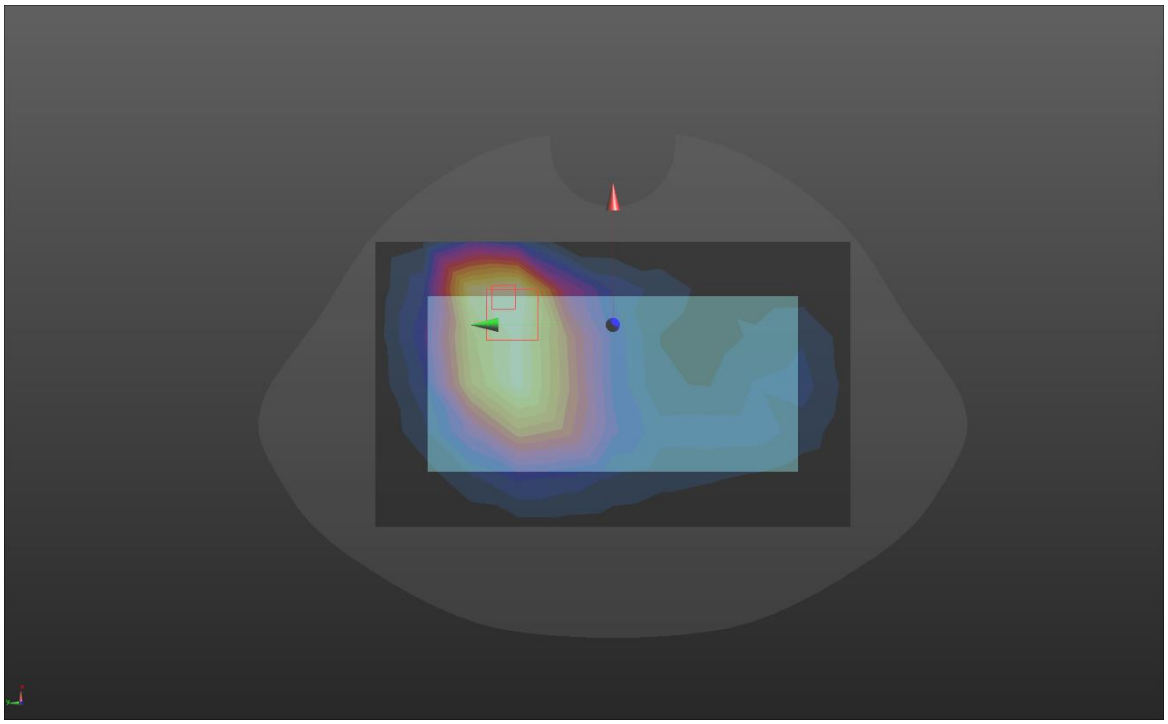
LTE Band 66

Hotspot	Front

Communication System: UID 10171 - AAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM);
Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.383 S/m; ε_r = 40.047; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.95, 7.27, 8.12) @ 1745 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Front/LTE B66/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.411 W/kg
  Front/LTE B66/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 9.503 V/m; Power Drift = -0.15 dB
  Peak SAR (extrapolated) = 0.589 W/kg
  SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.227 W/kg
  Maximum value of SAR (measured) = 0.492 W/kg



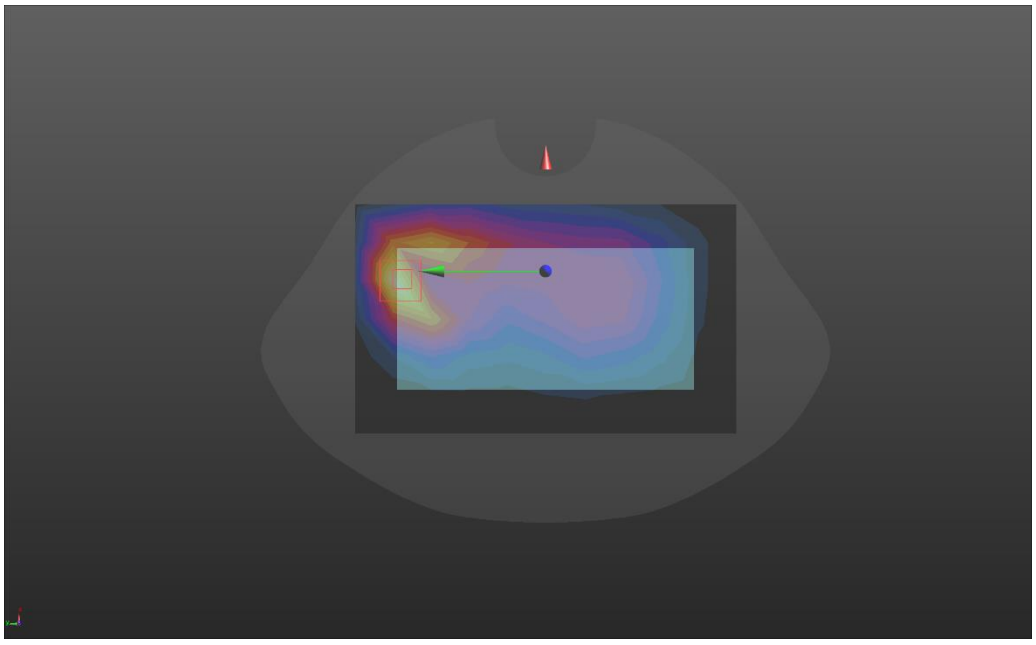
NR 5

Hotspot	Back

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.905 S/m; ε_r = 41.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(8.63, 7.89, 8.81) @ 836.5 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/NR n5/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.294 W/kg
  Back/NR n5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 11.44 V/m; Power Drift = -0.01 dB
  Peak SAR (extrapolated) = 0.392 W/kg
  SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.148 W/kg
  Maximum value of SAR (measured) = 0.331 W/kg



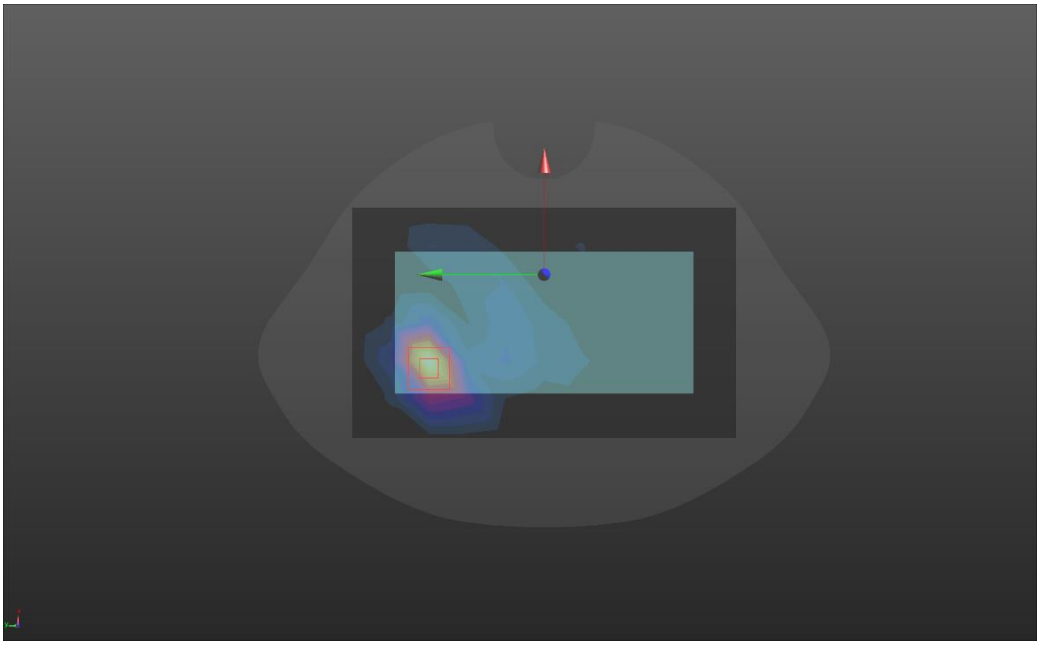
NR 41

Hotspot	Back

Communication System: UID 10900 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz); Frequency: 2350 MHz;Duty Cycle: 0.633:1
Medium parameters used: f = 2350 MHz; σ = 1.709 S/m; ε_r = 39.355; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.09, 6.48, 7.24) @ 2350 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Back/NR n41/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.493 W/kg
  Back/NR n41/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 6.087 V/m; Power Drift = -0.12 dB
  Peak SAR (extrapolated) = 0.582 W/kg
  SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.164 W/kg
  Maximum value of SAR (measured) = 0.500 W/kg



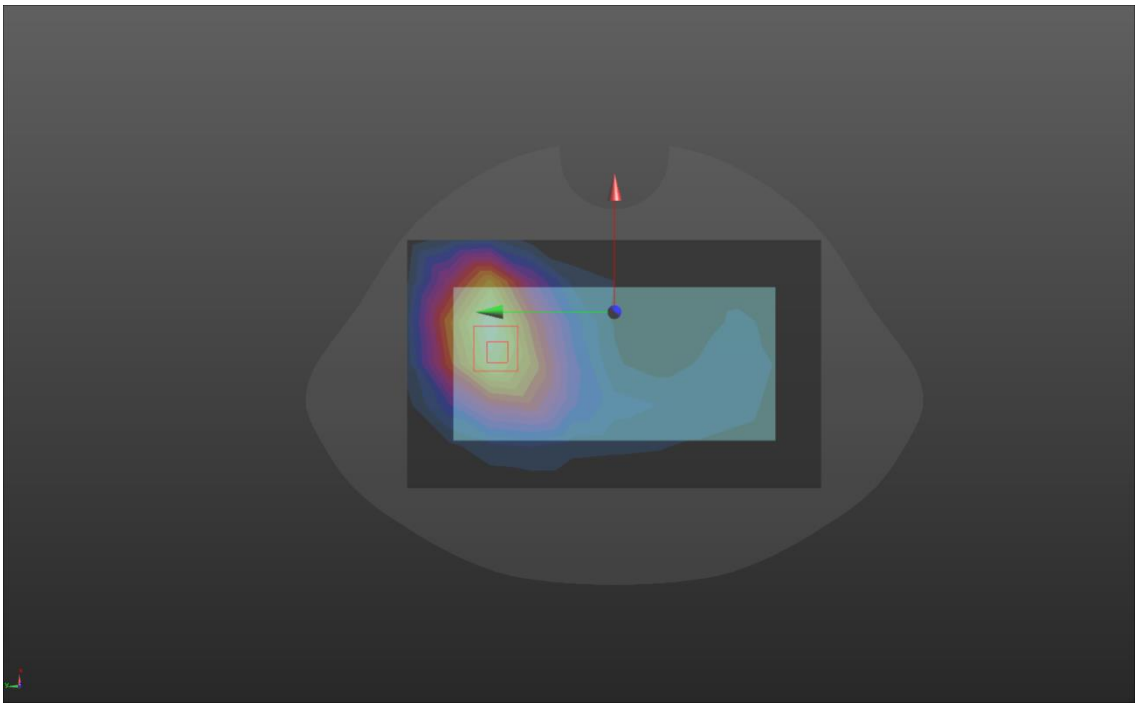
NR 66

Hotspot	Front

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.383 S/m; ε_r = 40.047; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.95, 7.27, 8.12) @ 1745 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Front/NR n66/Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
  Maximum value of SAR (measured) = 0.580 W/kg
  Front/NR n66/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 6.294 V/m; Power Drift = -0.07 dB
  Peak SAR (extrapolated) = 0.637 W/kg
  SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.278 W/kg
  Maximum value of SAR (measured) = 0.547 W/kg



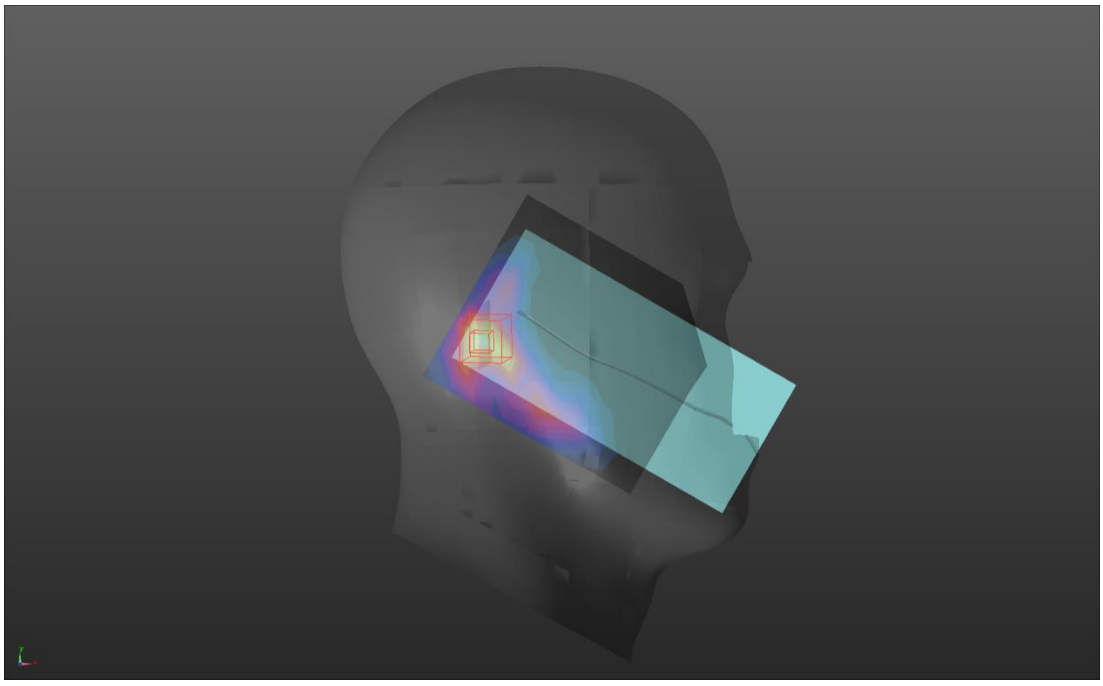
Wi-Fi2.4GHz

Head	Left cheek

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.788 S/m; ε_r = 39.219; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(6.91, 6.32, 7.05) @ 2437 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Left cheek/WLAN2.4G/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.0528 W/kg
  Left cheek/WLAN2.4G/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 1.138 V/m; Power Drift = 0.11 dB
  Peak SAR (extrapolated) = 0.0720 W/kg
  SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.017 W/kg
  Maximum value of SAR (measured) = 0.0578 W/kg



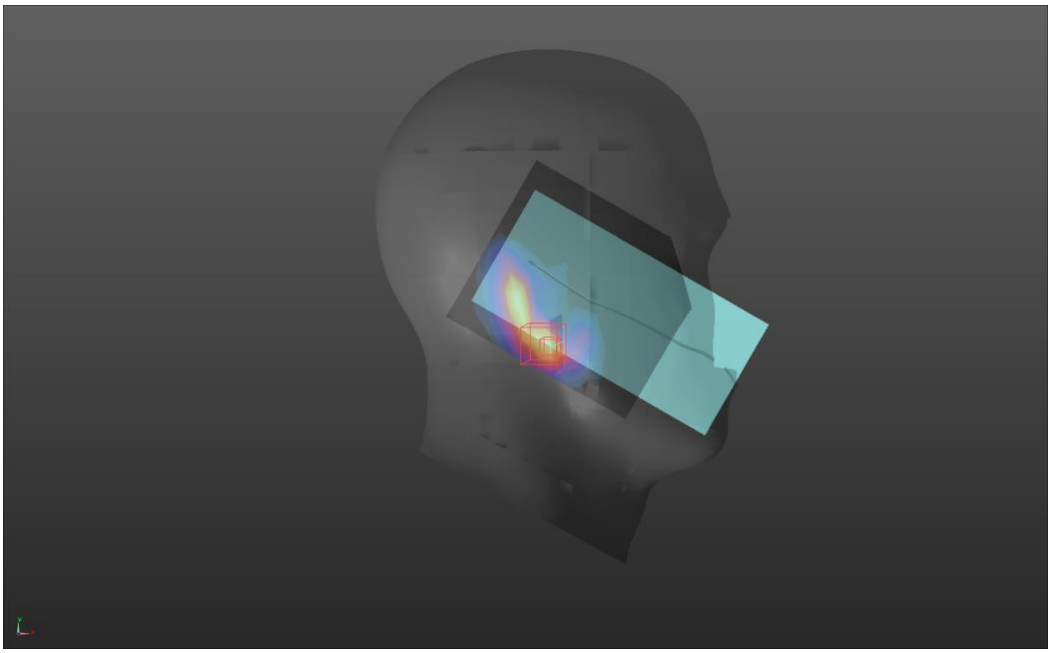
Wi-Fi5GHz UNII-1

Body-worn	Left cheek

Communication System: UID 10317 - AAD, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5220 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5220 MHz; σ = 4.68 S/m; ε_r = 35.98; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.38, 4.92, 5.49) @ 5220 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Left cheek/WLAN5G UNII-1/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.222 W/kg
  Left cheek/WLAN5G UNII-1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 1.394 V/m; Power Drift = 0.01 dB
  Peak SAR (extrapolated) = 0.273 W/kg
  SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.024 W/kg
  Maximum value of SAR (measured) = 0.188 W/kg



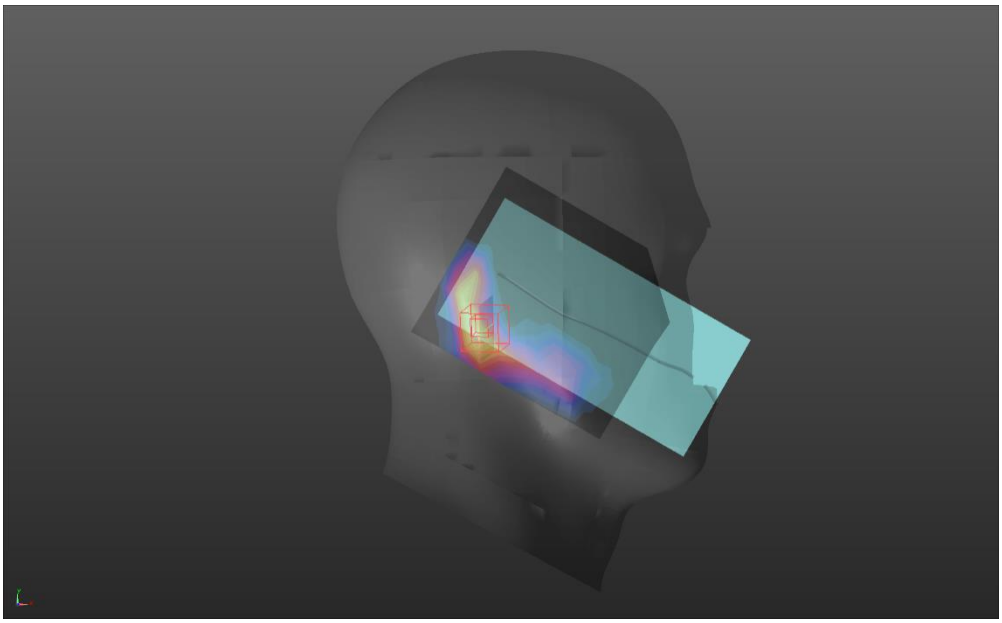
Wi-Fi5GHz UNII-2A

Body-worn	Left cheek

Communication System: UID 10317 - AAD, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5280 MHz; σ = 4.74 S/m; ε_r = 35.92; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.3, 4.84, 5.41) @ 5280 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Left cheek/WLAN5G UNII-2A/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.197 W/kg
  Left cheek/WLAN5G UNII-2A/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 2.160 V/m; Power Drift = 0.04 dB
  Peak SAR (extrapolated) = 0.361 W/kg
  SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.029 W/kg
  Maximum value of SAR (measured) = 0.231 W/kg



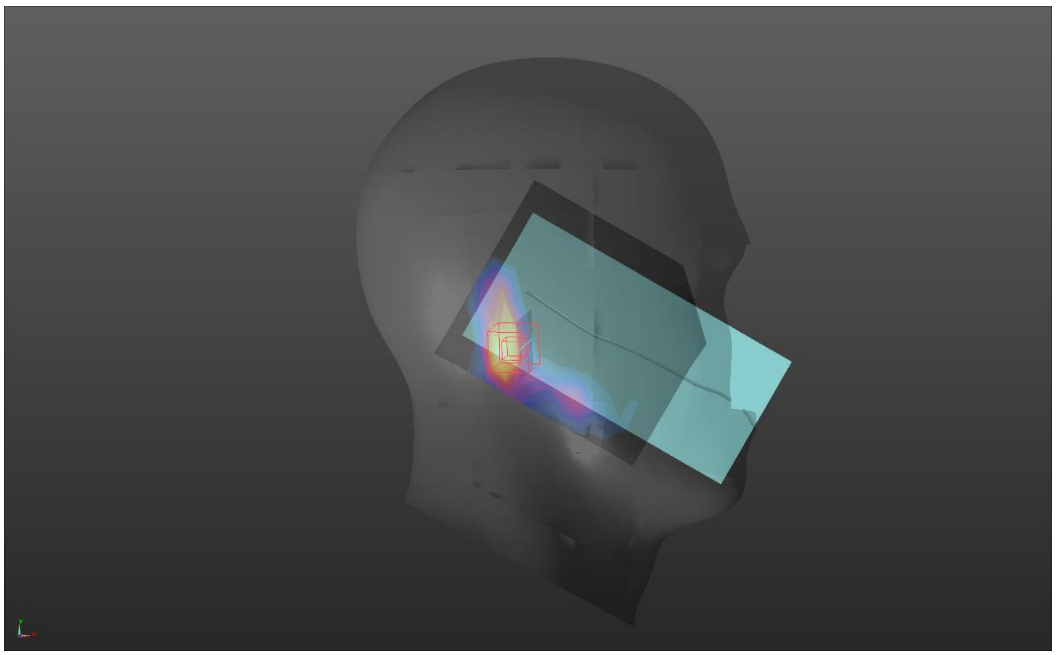
Wi-Fi5GHz UNII-2C

Body-worn	Left cheek

Communication System: UID 10317 - AAD, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5580 MHz;Duty Cycle: 1:6.85962
Medium parameters used (interpolated): f = 5580 MHz; σ = 5.049 S/m; ε_r = 35.526; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(4.99, 4.56, 5.09) @ 5580 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Left cheek/WLAN5G UNII-2C/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.118 W/kg
  Left cheek/WLAN5G UNII-2C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 1.022 V/m; Power Drift = 0.06 dB
  Peak SAR (extrapolated) = 0.327 W/kg
  SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.019 W/kg
  Maximum value of SAR (measured) = 0.204 W/kg



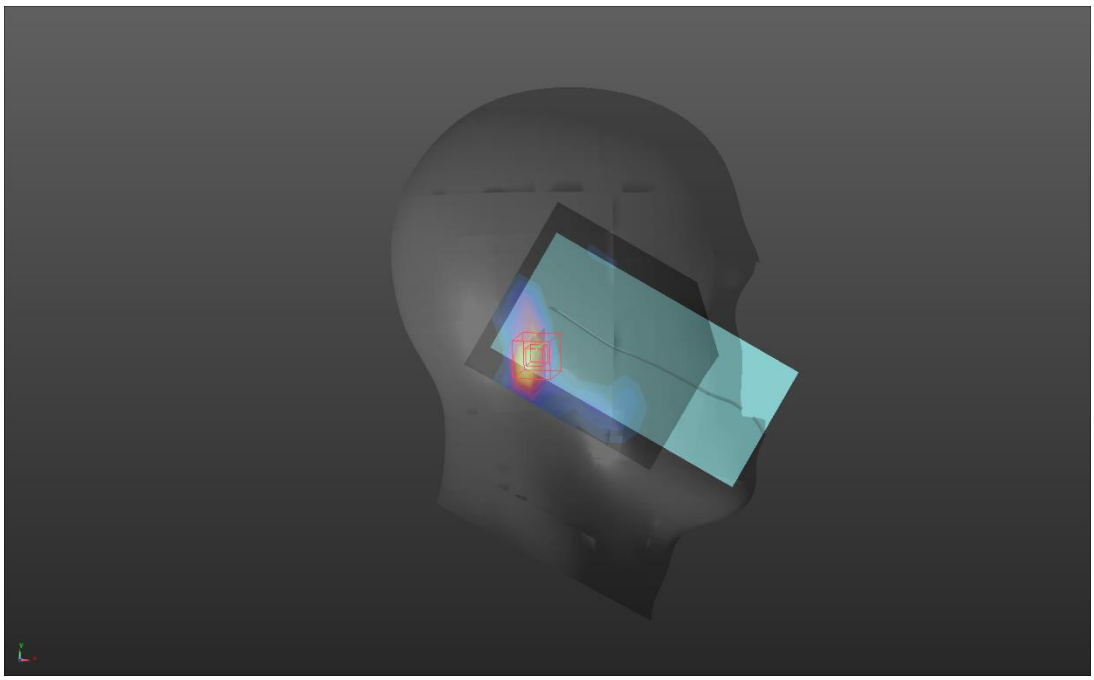
Wi-Fi5GHz UNII-3

Body-worn	Left cheek

Communication System: UID 10317 - AAD, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.255 S/m; ε_r = 35.315; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.14, 4.7, 5.24) @ 5785 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Left cheek/WLAN5G UNII-3/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.250 W/kg
  Left cheek/WLAN5G UNII-3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 3.805 V/m; Power Drift = -0.15 dB
  Peak SAR (extrapolated) = 1.11 W/kg
  SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.039 W/kg
  Maximum value of SAR (measured) = 0.286 W/kg



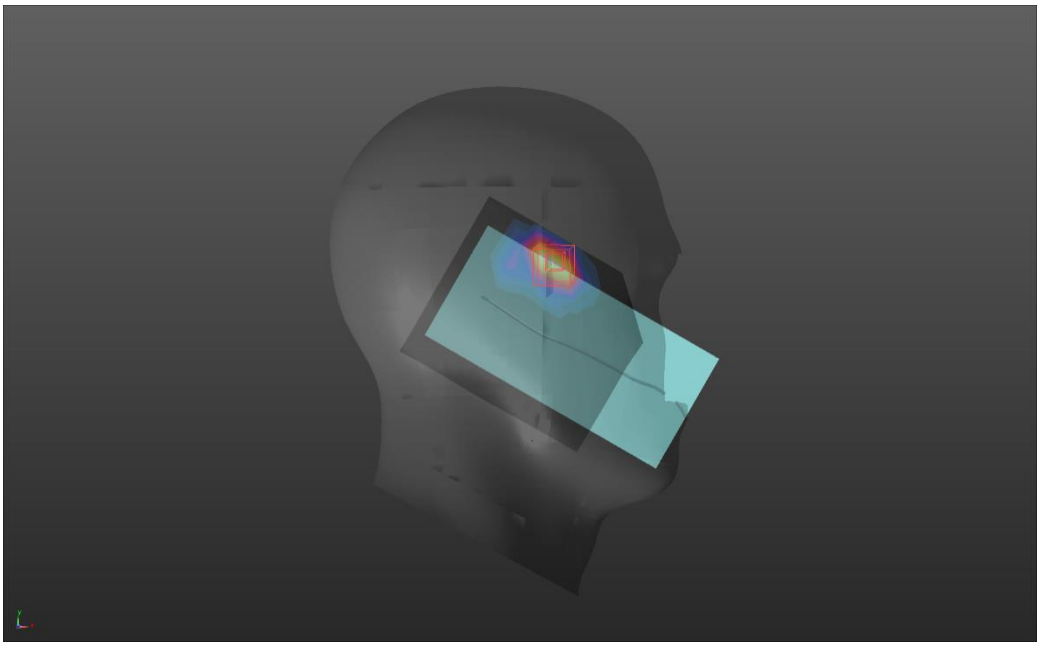
BT-Ant3

Head	Left cheek

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.792 S/m; ε_r = 39.213; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(6.91, 6.32, 7.05) @ 2441 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Left cheek/BT-ANT0/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.258 W/kg
  Left cheek/BT-ANT0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 2.582 V/m; Power Drift = 0.12 dB
  Peak SAR (extrapolated) = 0.341 W/kg
  SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.061 W/kg
  Maximum value of SAR (measured) = 0.257 W/kg



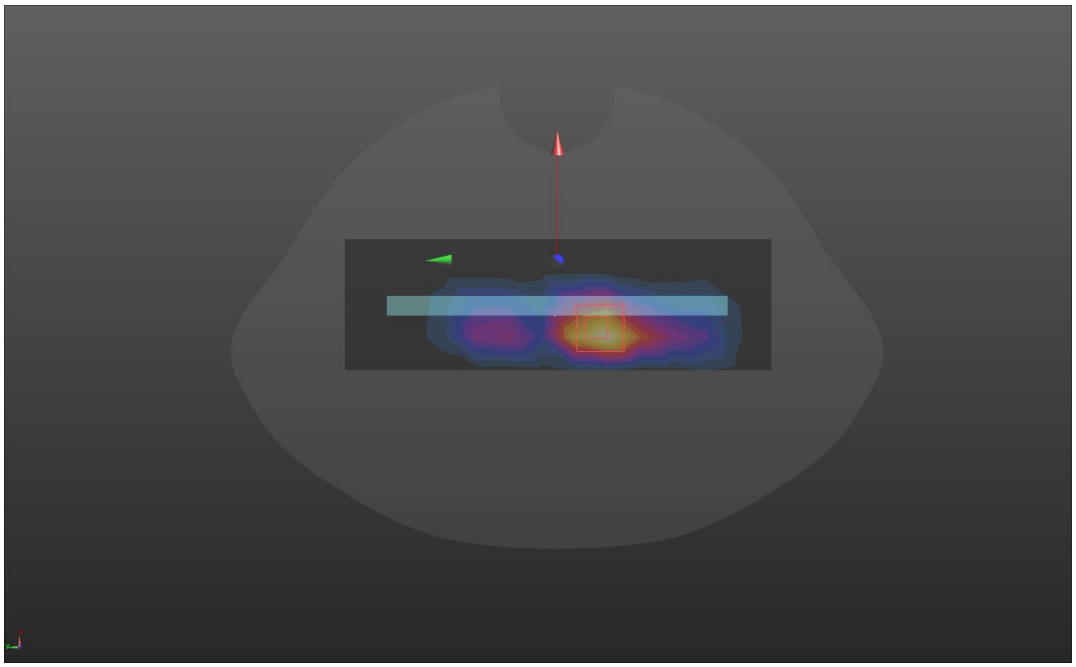
BT-Ant7

Hotspot	Right

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.792 S/m; ε_r = 39.213; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(6.91, 6.32, 7.05) @ 2441 MHz; Calibrated: 1/13/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 11/19/2025
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: 1559
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)
  Right/BT-ANT1/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
  Maximum value of SAR (measured) = 0.0858 W/kg
  Right/BT-ANT1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 4.919 V/m; Power Drift = 0.18 dB
  Peak SAR (extrapolated) = 0.124 W/kg
  SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.032 W/kg
  Maximum value of SAR (measured) = 0.100 W/kg



Appendix C. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as attached.

Appendix D. Conducted Power Result

GSM

GSM 850

TX Mode	TX slot	Burst Power (dBm)			Tuneup Tolerance (dBm)	Frame power(dBm)		
		Frequency/Channel				Frequency/Channel		
		824.2	836.6	848.8		824.2	836.6	848.8
		128	190	251		128	190	251
GSM	1 slot	31.96	31.98	31.95	32.30	22.93	22.95	22.92
GPRS (GMSK)	1 slot	31.80	31.85	31.90	32.30	22.77	22.82	22.87
	2 slots	29.08	29.14	29.01	29.30	23.06	23.12	22.99
	3 slots	26.92	27.03	26.92	27.30	22.66	22.77	22.66
	4 slots	25.45	25.48	25.39	26.00	22.44	22.47	22.38

GSM 1900

TX Mode	TX slot	Burst Power (dBm)			Tuneup Tolerance (dBm)	Frame power(dBm)		
		Frequency/Channel				Frequency/Channel		
		1850.2	1880	1909.8		1850.2	1880	1909.8
		512	661	810		512	661	810
GSM	1 slot	30.13	30.17	30.10	30.70	21.10	21.14	21.07
GPRS (GMSK)	1 slot	30.06	30.01	29.90	30.70	21.03	20.98	20.87
	2 slots	28.08	28.20	28.04	29.10	22.06	22.18	22.02
	3 slots	27.08	27.12	27.03	27.60	22.82	22.86	22.77
	4 slots	26.16	26.12	26.07	26.60	23.15	23.11	23.06

WCDMA

band II

Mode		RF Output Power(dBm)			Tune up Tolerance (dBm)
		9262	9400	9538	
		1852.4	1880	1907.6	
Release 99	RMC,12.2kbps	22.62	22.83	22.75	23.3
HSDPA	Subtest1	21.84	21.76	21.63	22.3
	Subtest2	21.80	21.79	21.61	22.3
	Subtest3	21.36	21.27	21.10	21.8
	Subtest4	21.31	21.18	21.06	21.8
HSUPA	Subtest1	21.84	21.78	21.60	22.3
	Subtest2	19.83	19.77	19.62	20.3
	Subtest3	20.88	20.76	20.63	21.3
	Subtest4	19.54	19.39	19.19	20.3
	Subtest5	21.82	21.74	21.62	22.3
HSPA+	QPSK	21.43	21.32	21.17	22.3
	16QAM	21.36	21.26	21.14	22.3

band IV

Mode		RF Output Power(dBm)			Tune up Tolerance (dBm)
		1312	1413	1513	
		1712.4	1732.6	1752.6	
Release 99	RMC,12.2kbps	22.56	22.43	22.19	23.3
HSDPA	Subtest1	21.39	21.31	21.17	22.3
	Subtest2	21.38	21.30	21.13	22.3
	Subtest3	20.88	20.78	20.67	21.8
	Subtest4	20.83	20.78	20.64	21.8
HSUPA	Subtest1	21.33	21.27	21.14	22.3
	Subtest2	19.35	19.28	19.14	20.3
	Subtest3	20.36	20.27	20.13	21.3
	Subtest4	19.13	19.16	19.07	20.3
	Subtest5	21.53	21.48	21.42	22.3
HSPA+	QPSK	20.99	20.97	20.92	22.3
	16QAM	20.93	20.88	20.79	22.3

band V

Mode		RF Output Power(dBm)			Tune up Tolerance (dBm)
		4132	4183	4233	
		826.4	836.6	846.6	
Release 99	RMC,12.2kbps	21.62	21.69	21.48	22.0
HSDPA	Subtest1	20.48	20.49	20.54	21.0
	Subtest2	20.46	20.45	20.46	21.0
	Subtest3	19.96	19.92	20.02	20.5
	Subtest4	19.92	19.96	20.05	20.5
HSUPA	Subtest1	20.47	20.50	20.56	21.0
	Subtest2	18.45	18.51	18.55	19.0
	Subtest3	19.49	19.51	19.57	20.0
	Subtest4	18.25	18.42	18.14	19.0
	Subtest5	20.46	20.49	20.55	21.0
HSPA+	QPSK	20.04	20.06	20.10	21.0
	16QAM	20.01	20.03	20.06	21.0

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Full Power

LTE Band2

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				18607	18900	19193	
				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.56	22.57	22.61	23.3
		1	3	22.55	22.66	22.48	23.3
		1	5	22.57	22.58	22.62	23.3
		3	0	22.55	22.59	22.56	23.3
		3	1	22.57	22.70	22.61	23.3
		3	3	22.57	22.58	22.58	23.3
		6	0	21.63	21.62	21.59	22.3
	16QAM	1	0	21.83	21.86	21.70	22.3
		1	3	21.82	21.97	21.94	22.3
		1	5	21.83	22.02	21.83	22.3
		3	0	21.70	21.73	21.78	22.3
		3	1	21.53	21.73	21.71	22.3
		3	3	21.67	21.78	21.69	22.3
		6	0	20.75	20.69	20.67	21.3
	64QAM	1	0	20.92	20.94	20.69	21.3
		1	3	21.02	20.92	21.09	21.3
		1	5	20.53	20.97	20.87	21.3
		3	0	20.76	20.93	20.74	21.3
		3	1	20.64	20.87	20.99	21.3
		3	3	20.81	20.87	20.91	21.3
		6	0	19.78	19.70	19.71	20.3

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				18615	18900	19185	
				1851.5	1880	1908.5	
3	QPSK	1	0	22.54	22.63	22.56	23.30
		1	8	22.57	22.74	22.79	23.30
		1	14	22.50	22.76	22.70	23.30
		8	0	21.65	21.65	21.66	22.30
		8	4	21.65	21.71	21.75	22.30
		8	7	21.63	21.74	21.69	22.30
		15	0	21.58	21.65	21.75	22.30
	16QAM	1	0	21.80	21.96	21.82	22.30
		1	8	22.07	21.95	22.18	22.30
		1	14	21.96	22.00	21.85	22.30
		8	0	20.73	20.76	20.75	21.30
		8	4	20.69	20.71	20.73	21.30
		8	7	20.68	20.79	20.73	21.30
		15	0	20.72	20.74	20.82	21.30

	64QAM	1	0	21.06	20.91	20.75	21.30
		1	8	21.03	20.98	20.88	21.30
		1	14	20.90	20.87	20.74	21.30
		8	0	19.72	19.78	19.75	20.30
		8	4	19.75	19.77	19.79	20.30
		8	7	19.76	19.82	19.70	20.30
		15	0	19.70	19.75	19.76	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18625	18900	19175	Tune-up Tolerance
				1852.5	1880	1907.5	
5	QPSK	1	0	22.62	22.69	22.62	23.30
		1	12	22.49	22.85	22.74	23.30
		1	24	22.68	22.72	22.71	23.30
		12	0	21.54	21.69	21.67	22.30
		12	7	21.61	21.76	21.66	22.30
		12	13	21.60	21.73	21.63	22.30
		25	0	21.57	21.74	21.62	22.30
	16QAM	1	0	21.70	21.99	21.93	22.30
		1	12	21.60	21.93	22.04	22.30
		1	24	21.84	21.98	21.89	22.30
		12	0	20.61	20.79	20.55	21.30
		12	7	20.67	20.82	20.72	21.30
		12	13	20.64	20.75	20.59	21.30
		25	0	20.47	20.72	20.66	21.30
	64QAM	1	0	20.74	21.10	21.00	21.30
		1	12	20.79	21.05	21.01	21.30
		1	24	21.00	21.04	21.03	21.30
		12	0	19.57	19.63	19.70	20.30
		12	7	19.66	19.73	19.69	20.30
		12	13	19.62	19.72	19.65	20.30
		25	0	19.67	19.71	19.64	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18650	18900	19150	Tune-up Tolerance
				1855	1880	1905	
10	QPSK	1	0	22.57	22.86	22.65	23.30
		1	25	22.53	22.83	22.60	23.30
		1	49	22.44	22.69	22.59	23.30
		25	0	21.65	21.75	21.70	22.30
		25	12	21.68	21.78	21.65	22.30
		25	25	21.54	21.75	21.64	22.30
		50	0	21.55	21.72	21.64	22.30
	16QAM	1	0	21.78	22.09	22.01	22.30
		1	25	21.90	21.96	21.59	22.30
		1	49	21.69	21.88	21.97	22.30

		25	0	20.58	20.85	20.70	21.30
		25	12	20.61	20.77	20.68	21.30
		25	25	20.54	20.74	20.69	21.30
		50	0	20.64	20.72	20.72	21.30
	64QAM	1	0	20.86	21.04	20.78	21.30
		1	25	21.00	20.85	20.56	21.30
		1	49	20.70	21.14	20.97	21.30
		25	0	19.64	19.80	19.65	20.30
		25	12	19.72	19.87	19.70	20.30
		25	25	19.57	19.75	19.63	20.30
		50	0	19.74	19.79	19.64	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				18675	18900	19125	
				1857.5	1880	1902.5	
15	QPSK	1	0	22.44	22.68	22.75	23.30
		1	37	22.55	22.66	22.62	23.30
		1	74	22.49	22.43	22.51	23.30
		36	0	21.55	21.59	21.56	22.30
		36	29	21.53	21.76	21.62	22.30
		36	30	21.53	21.70	21.61	22.30
		75	0	21.51	21.62	21.63	22.30
	16QAM	1	0	21.85	22.09	21.68	22.30
		1	37	21.80	21.85	21.87	22.30
		1	74	21.79	21.51	21.92	22.30
		36	0	20.49	20.63	20.55	21.30
		36	29	20.55	20.67	20.58	21.30
		36	30	20.62	20.76	20.65	21.30
		75	0	20.53	20.65	20.65	21.30
	64QAM	1	0	20.95	21.13	20.93	21.30
		1	37	21.14	20.91	21.21	21.30
		1	74	20.64	21.07	20.91	21.30
		36	0	19.57	19.59	19.64	20.30
		36	29	19.55	19.72	19.65	20.30
		36	30	19.53	19.71	19.72	20.30
		75	0	19.56	19.86	19.72	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				18700	18900	19100	
				1860	1880	1900	
20	QPSK	1	0	22.47	22.68	22.35	23.30
		1	49	22.55	22.39	22.42	23.30
		1	99	22.24	22.30	22.28	23.30
		50	0	21.37	21.39	21.39	22.30
		50	24	21.36	21.58	21.37	22.30
		50	50	21.36	21.46	21.40	22.30

		100	0	21.38	21.44	21.30	22.30
	16QAM	1	0	21.46	21.57	21.55	22.30
		1	49	21.44	21.79	21.52	22.30
		1	99	21.83	21.93	21.34	22.30
		50	0	20.39	20.44	20.36	21.30
		50	24	20.39	20.53	20.46	21.30
		50	50	20.31	20.53	20.38	21.30
		100	0	20.26	20.56	20.22	21.30
	64QAM	1	0	20.73	20.69	20.61	21.30
		1	49	20.78	20.81	20.75	21.30
		1	99	21.00	20.80	20.27	21.30
		50	0	19.38	19.41	19.40	20.30
		50	24	19.38	19.54	19.38	20.30
		50	50	19.39	19.55	19.40	20.30
		100	0	19.21	19.40	19.33	20.30

LTE Band4

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				19957	20175	20393	Tune-up Tolerance
				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.33	22.70	22.61	23.30
		1	3	22.31	22.70	22.67	23.30
		1	5	22.27	22.55	22.64	23.30
		3	0	22.19	22.58	22.55	23.30
		3	1	22.24	22.55	22.60	23.30
		3	3	22.26	22.52	22.55	23.30
		6	0	21.44	21.65	21.59	22.30
	16QAM	1	0	21.62	21.87	21.64	22.30
		1	3	21.57	21.95	21.94	22.30
		1	5	21.53	21.94	21.81	22.30
		3	0	21.69	21.79	21.74	22.30
		3	1	21.51	21.67	21.50	22.30
		3	3	21.62	21.70	21.68	22.30
		6	0	20.49	20.66	20.74	21.30
	64QAM	1	0	20.63	20.64	21.18	21.30
		1	3	20.37	20.83	20.54	21.30
		1	5	20.48	21.22	20.42	21.30
		3	0	20.49	20.71	20.89	21.30
		3	1	20.57	20.86	20.90	21.30
		3	3	20.54	20.92	20.90	21.30
		6	0	19.57	19.70	19.71	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				19965	20175	20385	Tune-up

				1711.5	1732.5	1753.5	Tolerance
3	QPSK	1	0	22.36	22.55	22.58	23.30
		1	8	22.45	22.75	22.79	23.30
		1	14	22.42	22.56	22.73	23.30
		8	0	21.43	21.67	21.72	22.30
		8	4	21.45	21.81	21.75	22.30
		8	7	21.46	21.65	21.76	22.30
		15	0	21.46	21.68	21.83	22.30
	16QAM	1	0	21.63	21.56	21.86	22.30
		1	8	21.81	22.15	22.07	22.30
		1	14	21.81	21.86	22.07	22.30
		8	0	20.53	20.75	20.74	21.30
		8	4	20.57	20.90	20.84	21.30
		8	7	20.35	20.76	20.85	21.30
		15	0	20.45	20.66	20.73	21.30
	64QAM	1	0	20.56	21.04	21.07	21.30
		1	8	20.99	20.87	20.74	21.30
		1	14	20.52	20.73	20.80	21.30
		8	0	19.50	19.83	19.76	20.30
		8	4	19.59	19.88	19.71	20.30
		8	7	19.58	19.78	19.82	20.30
		15	0	19.39	19.80	19.78	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				19975	20175	20375	Tune-up Tolerance
				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.44	22.78	22.64	23.30
		1	12	22.39	22.63	22.57	23.30
		1	24	22.75	22.59	22.82	23.30
		12	0	21.47	21.66	21.70	22.30
		12	7	21.54	21.74	21.82	22.30
		12	13	21.49	21.69	21.72	22.30
		25	0	21.41	21.71	21.75	22.30
	16QAM	1	0	21.46	21.71	21.84	22.30
		1	12	21.76	22.09	21.81	22.30
		1	24	21.40	21.76	21.85	22.30
		12	0	20.47	20.72	20.84	21.30
		12	7	20.61	20.71	20.88	21.30
		12	13	20.55	20.68	20.80	21.30
		25	0	20.43	20.66	20.72	21.30
	64QAM	1	0	20.91	20.94	21.05	21.30
		1	12	20.88	20.85	21.08	21.30
		1	24	20.78	20.93	21.29	21.30
		12	0	19.64	19.72	19.89	20.30
		12	7	19.59	19.73	19.81	20.30
		12	13	19.53	19.76	19.92	20.30

		25	0	19.51	19.74	19.80	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				20000	20175	20350	
				1715	1732.5	1750	
10	QPSK	1	0	22.34	22.64	22.75	23.30
		1	25	22.49	23.01	22.64	23.30
		1	49	22.45	22.61	22.86	23.30
		25	0	21.57	21.69	21.73	22.30
		25	12	21.62	21.75	21.76	22.30
		25	25	21.57	21.69	21.75	22.30
		50	0	21.63	21.73	21.70	22.30
	16QAM	1	0	21.68	21.92	22.03	22.30
		1	25	22.12	21.94	21.88	22.30
		1	49	21.75	21.71	22.06	22.30
		25	0	20.56	20.80	20.86	21.30
		25	12	20.70	20.78	20.81	21.30
		25	25	20.58	20.78	20.83	21.30
		50	0	20.78	20.80	20.78	21.30
	64QAM	1	0	20.56	21.06	20.98	21.30
		1	25	20.82	20.71	20.58	21.30
		1	49	20.86	20.79	21.06	21.30
		25	0	19.68	19.76	19.78	20.30
		25	12	19.69	19.76	19.78	20.30
		25	25	19.53	19.65	19.79	20.30
		50	0	19.65	19.75	19.75	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				20025	20175	20325	
				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.34	22.61	22.64	23.30
		1	37	22.56	22.62	22.64	23.30
		1	74	22.58	22.58	22.62	23.30
		36	0	21.49	21.66	21.68	22.30
		36	29	21.53	21.64	21.77	22.30
		36	30	21.52	21.62	21.74	22.30
		75	0	21.50	21.67	21.67	22.30
	16QAM	1	0	21.87	21.94	22.08	22.30
		1	37	21.90	21.61	21.84	22.30
		1	74	21.67	21.75	21.55	22.30
		36	0	20.50	20.68	20.77	21.30
		36	29	20.57	20.60	20.74	21.30
		36	30	20.55	20.69	20.81	21.30
		75	0	20.51	20.71	20.66	21.30
	64QAM	1	0	20.74	20.76	20.87	21.30
		1	37	20.80	21.06	21.10	21.30

		1	74	20.79	21.01	20.76	21.30
		36	0	19.54	19.72	19.75	20.30
		36	29	19.64	19.65	19.67	20.30
		36	30	19.59	19.72	19.72	20.30
		75	0	19.59	19.72	19.71	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20050	20175	20300	Tune-up Tolerance
				1720	1732.5	1745	
20	QPSK	1	0	22.36	22.51	22.56	23.30
		1	49	22.51	22.66	22.68	23.30
		1	99	22.68	22.88	22.56	23.30
		50	0	21.47	21.69	21.74	22.30
		50	24	21.57	21.69	21.76	22.30
		50	50	21.58	21.67	21.77	22.30
		100	0	21.57	21.74	21.69	22.30
	16QAM	1	0	21.58	21.57	21.90	22.30
		1	49	21.60	21.92	21.87	22.30
		1	99	21.66	21.94	22.00	22.30
		50	0	20.48	20.59	20.74	21.30
		50	24	20.55	20.78	20.75	21.30
		50	50	20.59	20.69	20.75	21.30
		100	0	20.54	20.70	20.77	21.30
	64QAM	1	0	20.64	21.02	20.90	21.30
		1	49	20.93	21.07	20.87	21.30
		1	99	20.63	21.11	21.02	21.30
		50	0	19.63	19.71	19.78	20.30
		50	24	19.56	19.70	19.71	20.30
		50	50	19.60	19.66	19.74	20.30
		100	0	19.63	19.84	19.77	20.30

LTE Band5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20407	20525	20643	Tune-up Tolerance
				824.7	836.5	848.3	
1.4	QPSK	1	0	21.21	21.62	21.48	22.0
		1	3	21.54	21.53	21.20	22.0
		1	5	21.37	21.55	21.55	22.0
		3	0	21.44	21.41	21.52	22.0
		3	1	21.26	21.45	21.45	22.0
		3	3	21.30	21.45	21.48	22.0
		6	0	20.43	20.58	20.67	21.0
	16QAM	1	0	20.43	20.67	20.64	21.0
		1	3	20.39	20.59	20.88	21.0
		1	5	20.43	20.93	20.70	21.0
		3	0	20.40	20.52	20.77	21.0

		3	1	20.43	20.57	20.66	21.0
		3	3	20.35	20.65	20.83	21.0
		6	0	19.47	19.68	19.54	20.0
	64QAM	1	0	19.69	19.79	19.92	20.0
		1	3	19.38	19.74	19.83	20.0
		1	5	19.58	19.92	19.90	20.0
		3	0	19.55	19.54	19.74	20.0
		3	1	19.46	20.00	19.89	20.0
		3	3	19.65	19.78	19.78	20.0
		6	0	18.38	18.74	18.72	19.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				20415	20525	20635	
				825.5	836.5	847.5	
3	QPSK	1	0	21.35	21.69	21.53	22.0
		1	8	21.50	21.77	21.91	22.0
		1	14	21.33	21.55	21.61	22.0
		8	0	20.55	20.54	20.65	21.0
		8	4	20.61	20.65	20.79	21.0
		8	7	20.60	20.55	20.77	21.0
		15	0	20.57	20.64	20.66	21.0
	16QAM	1	0	20.56	20.43	20.74	21.0
		1	8	20.96	20.84	20.90	21.0
		1	14	20.50	20.96	20.90	21.0
		8	0	19.52	19.50	19.74	20.0
		8	4	19.63	19.73	19.84	20.0
		8	7	19.53	19.53	19.70	20.0
		15	0	19.51	19.59	19.71	20.0
	64QAM	1	0	19.63	19.55	19.76	20.0
		1	8	19.57	19.92	19.83	20.0
		1	14	19.51	19.72	19.90	20.0
		8	0	18.48	18.56	18.68	19.0
		8	4	18.50	18.65	18.74	19.0
		8	7	18.48	18.62	18.80	19.0
		15	0	18.49	18.69	18.73	19.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				20425	20525	20625	
				826.5	836.5	846.5	
5	QPSK	1	0	21.62	21.64	21.68	22.0
		1	12	21.45	21.52	21.90	22.0
		1	24	21.54	21.59	21.76	22.0
		12	0	20.39	20.56	20.60	21.0
		12	7	20.58	20.69	20.78	21.0
		12	13	20.56	20.62	20.61	21.0
		25	0	20.43	20.61	20.62	21.0

	16QAM	1	0	20.52	20.88	20.83	21.0
		1	12	20.92	20.78	20.77	21.0
		1	24	20.86	20.72	20.77	21.0
		12	0	19.50	19.59	19.61	20.0
		12	7	19.48	19.76	19.68	20.0
		12	13	19.57	19.70	19.66	20.0
		25	0	19.48	19.58	19.64	20.0
	64QAM	1	0	19.77	19.68	19.67	20.0
		1	12	19.78	19.93	19.93	20.0
		1	24	19.53	19.65	19.62	20.0
		12	0	18.48	18.54	18.70	19.0
		12	7	18.67	18.79	18.82	19.0
		12	13	18.45	18.63	18.67	19.0
		25	0	18.55	18.61	18.56	19.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20450	20525	20600	Tune-up Tolerance
				829	836.5	844	
10	QPSK	1	0	21.41	21.56	21.42	22.0
		1	25	21.35	21.46	21.53	22.0
		1	49	21.62	21.66	21.61	22.0
		25	0	20.48	20.53	20.65	21.0
		25	12	20.59	20.66	20.75	21.0
		25	25	20.58	20.66	20.64	21.0
		50	0	20.52	20.58	20.66	21.0
	16QAM	1	0	20.58	20.70	20.83	21.0
		1	25	20.65	20.71	20.98	21.0
		1	49	20.72	20.59	20.90	21.0
		25	0	19.49	19.62	19.61	20.0
		25	12	19.53	19.72	19.77	20.0
		25	25	19.68	19.69	19.76	20.0
		50	0	19.60	19.70	19.67	20.0
	64QAM	1	0	19.63	19.66	19.62	20.0
		1	25	19.73	19.76	19.75	20.0
		1	49	19.79	19.42	19.97	20.0
		25	0	18.46	18.56	18.59	19.0
		25	12	18.65	18.73	18.73	19.0
		25	25	18.55	18.64	18.68	19.0
		50	0	18.58	18.51	18.64	19.0

LTE Band7

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20775	21100	21425	Tune-up Tolerance
				2502.5	2535	2567.5	
5	QPSK	1	0	22.61	22.75	22.59	23.30
		1	12	22.66	22.69	22.57	23.30
		1	24	22.68	22.80	22.59	23.30
		12	0	21.79	21.65	21.60	22.30
		12	7	21.81	21.82	21.76	22.30
		12	13	21.85	21.91	21.69	22.30
		25	0	21.78	21.73	21.70	22.30
	16QAM	1	0	22.30	21.82	22.08	22.30
		1	12	21.87	21.77	21.71	22.30
		1	24	22.10	21.48	22.01	22.30
		12	0	20.77	20.79	20.66	21.30
		12	7	20.88	20.94	20.75	21.30
		12	13	20.86	20.80	20.73	21.30
		25	0	20.79	20.76	20.79	21.30
	64QAM	1	0	21.02	21.24	20.88	21.30
		1	12	21.01	21.03	20.99	21.30

		1	24	21.17	21.02	20.67	21.30
		12	0	19.70	19.77	19.56	20.30
		12	7	19.80	19.95	19.91	20.30
		12	13	19.87	19.89	19.81	20.30
		25	0	19.82	19.81	19.69	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20800	21100	21400	Tune-up Tolerance
				2505	2535	2565	
10	QPSK	1	0	22.80	22.63	22.68	23.30
		1	25	22.62	22.69	22.64	23.30
		1	49	22.53	22.70	22.76	23.30
		25	0	21.75	21.74	21.69	22.30
		25	12	21.82	21.82	21.66	22.30
		25	25	21.75	21.77	21.73	22.30
		50	0	21.80	21.77	21.69	22.30
	16QAM	1	0	21.86	21.93	22.01	22.30
		1	25	22.18	21.98	21.85	22.30
		1	49	22.11	22.20	21.67	22.30
		25	0	20.85	20.75	20.70	21.30
		25	12	20.83	20.79	20.74	21.30
		25	25	20.78	20.80	20.68	21.30
		50	0	20.79	20.90	20.65	21.30
	64QAM	1	0	20.98	21.17	21.04	21.30
		1	25	20.70	20.89	20.89	21.30
		1	49	20.89	20.79	20.78	21.30
		25	0	19.85	19.82	19.68	20.30
		25	12	19.74	19.90	19.69	20.30
		25	25	19.76	19.78	19.77	20.30
		50	0	19.86	19.92	19.71	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20825	21100	21375	Tune-up Tolerance
				2507.5	2535	2562.5	
15	QPSK	1	0	22.68	22.54	22.56	23.30
		1	37	22.91	22.74	22.67	23.30
		1	74	22.75	22.63	22.70	23.30
		36	0	21.70	21.69	21.64	22.30
		36	29	21.78	21.79	21.64	22.30
		36	30	21.76	21.69	21.69	22.30
		75	0	21.81	21.70	21.65	22.30
	16QAM	1	0	21.79	21.95	21.94	22.30
		1	37	21.76	21.70	22.22	22.30
		1	74	21.83	22.14	22.06	22.30
		36	0	20.69	20.60	20.62	21.30
		36	29	20.81	20.81	20.79	21.30

		36	30	20.77	20.74	20.76	21.30
		75	0	20.75	20.73	20.64	21.30
	64QAM	1	0	20.92	20.87	21.11	21.30
		1	37	21.06	20.91	20.93	21.30
		1	74	20.66	20.89	20.97	21.30
		36	0	19.74	19.69	19.72	20.30
		36	29	19.84	19.87	19.72	20.30
		36	30	19.75	19.81	19.78	20.30
		75	0	19.81	19.78	19.71	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				20850	21100	21350	
				2510	2535	2560	
20	QPSK	1	0	22.62	22.60	22.70	23.30
		1	49	22.61	22.71	22.68	23.30
		1	99	22.64	22.63	22.69	23.30
		50	0	21.75	21.70	21.67	22.30
		50	24	21.71	21.81	21.67	22.30
		50	50	21.76	21.71	21.74	22.30
		100	0	21.74	21.83	21.63	22.30
	16QAM	1	0	22.02	21.90	22.01	22.30
		1	49	21.82	22.01	21.85	22.30
		1	99	21.95	22.16	21.79	22.30
		50	0	20.74	20.68	20.72	21.30
		50	24	20.77	20.79	20.61	21.30
		50	50	20.79	20.72	20.68	21.30
		100	0	20.80	20.81	20.65	21.30
	64QAM	1	0	20.92	20.59	21.09	21.30
		1	49	21.24	21.15	20.96	21.30
		1	99	21.27	20.64	21.04	21.30
		50	0	19.79	19.68	19.67	20.30
		50	24	19.84	19.95	19.64	20.30
		50	50	19.86	19.78	19.73	20.30
		100	0	19.83	19.75	19.74	20.30

LTE Band12

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23017	23095	23173	
				699.7	707.5	715.3	
1.4	QPSK	1	0	23.27	23.27	23.24	24.0
		1	3	23.60	23.28	23.22	24.0
		1	5	23.37	23.41	23.02	24.0
		3	0	23.32	23.26	23.27	24.0
		3	1	23.54	23.26	23.43	24.0
		3	3	23.46	23.37	23.09	24.0

		6	0	22.33	22.34	22.23	23.0
	16QAM	1	0	22.81	22.51	22.43	23.0
		1	3	22.45	22.52	22.50	23.0
		1	5	22.68	22.68	22.28	23.0
		3	0	22.64	22.43	22.26	23.0
		3	1	22.40	22.49	22.37	23.0
		3	3	22.48	22.66	22.23	23.0
		6	0	21.46	21.33	21.28	22.0
	64QAM	1	0	21.74	21.64	21.56	22.0
		1	3	21.83	21.54	21.52	22.0
		1	5	21.59	21.73	21.61	22.0
		3	0	21.60	21.53	21.51	22.0
		3	1	21.60	21.55	21.46	22.0
		3	3	21.58	21.50	21.61	22.0
		6	0	20.46	20.50	20.24	21.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23025	23095	23165	
				700.5	707.5	714.5	
3	QPSK	1	0	23.39	23.26	23.31	24.0
		1	8	23.47	23.48	23.24	24.0
		1	14	23.20	23.44	23.18	24.0
		8	0	22.48	22.38	22.24	23.0
		8	4	22.43	22.46	22.42	23.0
		8	7	22.44	22.42	22.34	23.0
		15	0	22.42	22.47	22.27	23.0
	16QAM	1	0	22.51	22.48	22.47	23.0
		1	8	22.65	22.76	22.71	23.0
		1	14	22.70	22.62	22.34	23.0
		8	0	21.45	21.41	21.43	22.0
		8	4	21.46	21.45	21.37	22.0
		8	7	21.50	21.47	21.31	22.0
		15	0	21.37	21.45	21.32	22.0
	64QAM	1	0	21.85	21.41	21.44	22.0
		1	8	21.73	21.97	21.51	22.0
		1	14	21.64	21.46	21.50	22.0
		8	0	20.60	20.49	20.34	21.0
		8	4	20.66	20.56	20.41	21.0
		8	7	20.41	20.64	20.32	21.0
		15	0	20.52	20.42	20.18	21.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23035	23095	23155	
				701.5	707.5	713.5	
5	QPSK	1	0	23.45	23.22	23.28	24.0
		1	12	23.28	23.60	23.36	24.0

		1	24	23.25	23.26	23.29	24.0
		12	0	22.29	22.30	22.18	23.0
		12	7	22.40	22.31	22.33	23.0
		12	13	22.32	22.31	22.25	23.0
		25	0	22.39	22.21	22.21	23.0
	16QAM	1	0	22.45	22.59	22.39	23.0
		1	12	22.62	22.62	22.45	23.0
		1	24	22.76	22.46	22.65	23.0
		12	0	21.42	21.32	21.12	22.0
		12	7	21.40	21.49	21.27	22.0
		12	13	21.38	21.32	21.30	22.0
		25	0	21.29	21.19	21.33	22.0
	64QAM	1	0	21.69	21.38	21.57	22.0
		1	12	21.63	21.67	21.75	22.0
		1	24	21.53	21.37	21.37	22.0
		12	0	20.33	20.29	20.20	21.0
		12	7	20.43	20.36	20.33	21.0
		12	13	20.42	20.34	20.38	21.0
		25	0	20.31	20.22	20.32	21.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23060	23095	23130	
				704	707.5	711	
10	QPSK	1	0	23.54	23.34	23.31	24.0
		1	25	23.53	23.45	23.55	24.0
		1	49	23.40	23.08	23.13	24.0
		25	0	22.40	22.41	22.36	23.0
		25	12	22.52	22.36	22.37	23.0
		25	25	22.43	22.42	22.38	23.0
		50	0	22.46	22.34	22.36	23.0
	16QAM	1	0	22.55	22.52	22.80	23.0
		1	25	22.63	22.78	22.48	23.0
		1	49	22.44	22.71	22.62	23.0
		25	0	21.41	21.40	21.33	22.0
		25	12	21.53	21.43	21.27	22.0
		25	25	21.40	21.50	21.41	22.0
		50	0	21.46	21.35	21.41	22.0
	64QAM	1	0	21.61	21.73	21.87	22.0
		1	25	21.71	21.57	21.50	22.0
		1	49	21.58	21.46	21.68	22.0
		25	0	20.43	20.37	20.41	21.0
		25	12	20.50	20.36	20.38	21.0
		25	25	20.48	20.46	20.43	21.0
		50	0	20.44	20.27	20.44	21.0

LTE Band13

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23205	23230	23255	
				779.5	782	784.5	
5	QPSK	1	0	21.14	21.27	21.28	22.0
		1	12	21.43	21.16	20.99	22.0
		1	24	21.24	21.21	21.31	22.0
		12	0	20.10	20.15	20.12	21.0
		12	7	20.14	20.11	20.20	21.0
		12	13	20.14	20.11	20.10	21.0
		25	0	20.12	20.11	20.14	21.0
	16QAM	1	0	20.24	20.37	20.24	21.0
		1	12	20.56	20.67	20.22	21.0
		1	24	20.32	20.29	20.11	21.0
		12	0	19.14	19.11	19.08	20.0
		12	7	19.18	19.15	19.24	20.0
		12	13	19.04	19.11	19.11	20.0
		25	0	19.16	19.09	19.19	20.0
	64QAM	1	0	19.52	19.72	19.56	20.0
		1	12	19.35	19.94	19.42	20.0
		1	24	19.68	19.12	19.58	20.0
		12	0	18.13	18.04	18.21	19.0
		12	7	18.12	18.25	18.20	19.0
		12	13	18.23	18.20	18.15	19.0
		25	0	18.23	18.17	18.15	19.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23230			
				782			
10	QPSK	1	0	21.04	21.01	20.99	22.0
		1	25	21.14	21.25	21.08	22.0
		1	49	21.13	21.06	20.84	22.0
		25	0	20.12	20.15	20.19	21.0
		25	12	20.11	20.03	20.12	21.0
		25	25	20.16	20.12	20.08	21.0
		50	0	20.13	20.18	20.10	21.0
	16QAM	1	0	20.46	20.27	20.31	21.0
		1	25	20.28	20.36	20.35	21.0
		1	49	20.06	20.11	20.34	21.0
		25	0	19.23	19.24	19.15	20.0
		25	12	19.11	19.12	19.17	20.0
		25	25	19.11	19.24	19.10	20.0
		50	0	19.18	19.16	19.08	20.0
	64QAM	1	0	19.39	19.21	19.13	20.0
		1	25	19.39	19.38	19.47	20.0
		1	49	19.41	19.14	19.26	20.0
		25	0	18.23	18.20	18.23	19.0

		25	12	18.12	18.11	18.05	19.0
		25	25	18.13	18.09	18.08	19.0
		50	0	18.08	18.18	18.35	19.0

LTE Band17

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23755	23790	23825	
				706.5	710	713.5	
5	QPSK	1	0	23.00	23.12	23.02	24.0
		1	12	23.08	23.05	22.88	24.0
		1	24	23.07	22.98	22.85	24.0
		12	0	22.02	22.05	22.00	23.0
		12	7	22.11	22.12	22.05	23.0
		12	13	22.03	21.97	21.95	23.0
		25	0	22.02	21.91	21.91	23.0
	16QAM	1	0	22.12	22.28	22.34	23.0
		1	12	22.18	21.91	22.04	23.0
		1	24	22.16	22.16	22.33	23.0
		12	0	21.05	21.03	20.96	22.0
		12	7	21.13	21.07	21.03	22.0
		12	13	21.09	21.03	21.04	22.0
		25	0	21.04	20.99	20.96	22.0
	64QAM	1	0	21.56	21.17	21.46	22.0
		1	12	21.33	21.35	21.26	22.0
		1	24	21.54	21.42	21.20	22.0
		12	0	20.04	20.09	19.96	21.0
		12	7	20.19	20.04	20.06	21.0
		12	13	20.09	19.97	20.06	21.0
		25	0	20.16	20.01	19.88	21.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				23780	23790	23800	
				709	710	711	
10	QPSK	1	0	23.12	22.98	22.98	24.0
		1	25	23.04	22.91	22.86	24.0
		1	49	22.87	22.97	22.89	24.0
		25	0	22.01	21.99	21.97	23.0
		25	12	22.09	22.01	22.00	23.0
		25	25	22.02	22.03	22.03	23.0
		50	0	21.98	21.93	22.02	23.0
	16QAM	1	0	22.22	21.99	22.36	23.0
		1	25	22.19	22.26	22.10	23.0
		1	49	21.90	21.98	21.99	23.0
		25	0	20.90	20.94	20.89	22.0
		25	12	21.12	21.03	21.02	22.0
		25	25	20.93	21.08	21.02	22.0
		50	0	21.04	20.86	21.05	22.0
	64QAM	1	0	21.24	21.29	21.14	22.0
		1	25	21.24	21.00	21.10	22.0
		1	49	21.19	21.36	21.30	22.0

		25	0	20.00	19.98	20.03	21.0
		25	12	20.06	19.97	20.01	21.0
		25	25	19.93	19.99	19.95	21.0
		50	0	20.09	20.05	20.06	21.0

LTE Band38

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				37775	38000	38225	
				2572.5	2595	2617.5	
5	QPSK	1	0	23.51	23.30	23.31	24.00
		1	12	23.39	23.44	23.31	24.00
		1	24	23.48	23.40	23.07	24.00
		12	0	22.61	22.44	22.31	23.00
		12	7	22.58	22.47	22.23	23.00
		12	13	22.48	22.43	22.28	23.00
		25	0	22.52	22.32	22.27	23.00
	16QAM	1	0	22.56	22.52	22.54	23.00
		1	12	22.26	22.28	22.37	23.00
		1	24	22.35	22.63	22.45	23.00
		12	0	21.64	21.43	21.28	22.00
		12	7	21.67	21.41	21.30	22.00
		12	13	21.54	21.49	21.33	22.00
		25	0	21.55	21.37	21.22	22.00
	64QAM	1	0	21.65	21.16	21.26	22.00
		1	12	21.51	21.28	20.87	22.00
		1	24	21.28	21.38	21.42	22.00
		12	0	20.61	20.36	20.42	21.00
		12	7	20.63	20.37	20.15	21.00
		12	13	20.55	20.49	20.20	21.00
		25	0	20.54	20.38	20.24	21.00

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				37800	38000	38200	
				2575	2595	2615	
10	QPSK	1	0	23.42	23.34	23.25	24.00
		1	25	23.39	23.42	23.27	24.00
		1	49	23.34	23.49	23.16	24.00
		25	0	22.53	22.38	22.29	23.00
		25	12	22.55	22.37	22.28	23.00
		25	25	22.49	22.52	22.25	23.00
		50	0	22.65	22.38	22.29	23.00
	16QAM	1	0	22.58	22.24	22.18	23.00
		1	25	22.39	22.53	22.30	23.00
		1	49	22.70	22.50	22.38	23.00
		25	0	21.42	21.38	21.28	22.00
		25	12	21.61	21.49	21.35	22.00

		25	25	21.51	21.45	21.26	22.00
		50	0	21.53	21.40	21.15	22.00
	64QAM	1	0	21.42	21.29	21.30	22.00
		1	25	21.31	21.60	21.07	22.00
		1	49	21.51	21.34	21.23	22.00
		25	0	20.48	20.51	20.30	21.00
		25	12	20.59	20.44	20.29	21.00
		25	25	20.52	20.41	20.25	21.00
		50	0	20.39	20.55	20.38	21.00

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				37825	38000	38175	
				2577.5	2595	2612.5	
15	QPSK	1	0	23.37	23.31	23.21	24.00
		1	37	23.33	23.31	23.13	24.00
		1	74	23.34	23.34	23.17	24.00
		36	0	22.38	22.36	22.22	23.00
		36	29	22.47	22.29	22.26	23.00
		36	30	22.43	22.29	22.31	23.00
		75	0	22.45	22.25	22.24	23.00
	16QAM	1	0	22.57	22.42	22.10	23.00
		1	37	22.74	22.18	22.29	23.00
		1	74	22.29	22.15	22.19	23.00
		36	0	21.51	21.35	21.34	22.00
		36	29	21.36	21.30	21.25	22.00
		36	30	21.40	21.36	21.24	22.00
		75	0	21.45	21.26	21.44	22.00
	64QAM	1	0	21.54	21.34	21.12	22.00
		1	37	21.40	21.21	21.43	22.00
		1	74	21.54	21.45	21.63	22.00
		36	0	20.43	20.40	20.31	21.00
		36	29	20.49	20.35	20.31	21.00
		36	30	20.48	20.42	20.32	21.00
		75	0	20.48	20.33	20.40	21.00

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				37850	38000	38150	
				2580	2595	2610	
20	QPSK	1	0	23.49	23.58	23.08	24.00
		1	49	23.38	23.37	23.00	24.00
		1	99	23.37	23.29	23.13	24.00
		50	0	22.35	22.32	22.30	23.00
		50	24	22.49	22.36	22.31	23.00
		50	50	22.38	22.26	22.23	23.00
		100	0	22.52	22.33	22.30	23.00
	16QAM	1	0	22.65	22.48	22.36	23.00

		1	49	22.50	22.51	22.26	23.00
		1	99	22.45	21.81	22.46	23.00
		50	0	21.46	21.43	21.32	22.00
		50	24	21.45	21.38	21.38	22.00
		50	50	21.47	21.41	21.27	22.00
		100	0	21.48	21.29	21.19	22.00
	64QAM	1	0	21.45	21.57	21.46	22.00
		1	49	21.65	21.30	20.94	22.00
		1	99	20.89	21.50	21.37	22.00
		50	0	20.45	20.40	20.33	21.00
		50	24	20.48	20.30	20.34	21.00
		50	50	20.52	20.40	20.28	21.00
		100	0	20.47	20.36	20.30	21.00

LTE Band41

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				39675	40620	41565	
				2498.5	2593	2687.5	
5	QPSK	1	0	23.87	23.89	23.50	24.5
		1	12	23.88	23.72	23.27	24.5
		1	24	23.86	23.69	23.12	24.5
		12	0	23.20	22.77	22.19	23.5
		12	7	23.28	22.75	22.19	23.5
		12	13	23.26	22.65	22.19	23.5
		25	0	23.17	22.69	22.21	23.5
	16QAM	1	0	23.04	23.02	22.42	23.5
		1	12	23.19	22.74	22.02	23.5
		1	24	23.21	22.69	21.97	23.5
		12	0	22.19	21.81	21.25	22.5
		12	7	22.38	21.78	21.19	22.5
		12	13	22.40	21.69	21.31	22.5
		25	0	22.24	21.65	21.19	22.5
	64QAM	1	0	22.15	21.87	21.23	22.5
		1	12	22.10	21.49	21.43	22.5
		1	24	22.19	21.85	20.88	22.5
		12	0	21.12	20.78	20.33	21.5
		12	7	21.26	20.78	20.14	21.5
		12	13	21.26	20.70	20.33	21.5
		25	0	21.34	20.68	20.25	21.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				39700	40620	41540	
				2501	2593	2685	
10	QPSK	1	0	23.84	23.90	23.25	24.5
		1	25	23.85	23.66	23.21	24.5
		1	49	23.83	23.61	23.03	24.5

		25	0	23.27	22.67	22.16	23.5
		25	12	23.28	22.68	22.26	23.5
		25	25	23.28	22.72	22.25	23.5
		50	0	23.26	22.72	22.14	23.5
	16QAM	1	0	23.37	22.51	22.08	23.5
		1	25	23.22	22.67	22.13	23.5
		1	49	23.09	22.66	22.10	23.5
		25	0	22.26	21.60	21.30	22.5
		25	12	22.30	21.67	21.25	22.5
		25	25	22.22	21.70	21.34	22.5
		50	0	22.24	21.68	21.23	22.5
	64QAM	1	0	22.12	21.80	21.40	22.5
		1	25	22.47	21.65	21.25	22.5
		1	49	22.01	21.62	21.40	22.5
		25	0	21.33	20.68	20.27	21.5
		25	12	21.37	20.75	20.19	21.5
		25	25	21.27	20.74	20.37	21.5
		50	0	21.24	20.71	20.11	21.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				39725	40620	41515	
				2503.5	2593	2682.5	
15	QPSK	1	0	23.87	23.89	23.52	24.5
		1	37	23.94	23.67	23.27	24.5
		1	74	23.90	23.69	23.27	24.5
		36	0	23.29	22.65	22.27	23.5
		36	29	23.22	22.70	22.28	23.5
		36	30	23.20	22.68	22.27	23.5
		75	0	23.18	22.62	22.31	23.5
	16QAM	1	0	23.09	22.67	22.09	23.5
		1	37	23.31	22.40	22.32	23.5
		1	74	23.22	22.59	22.05	23.5
		36	0	22.22	21.64	21.25	22.5
		36	29	22.27	21.70	21.28	22.5
		36	30	22.25	21.64	21.27	22.5
		75	0	22.20	21.75	21.27	22.5
	64QAM	1	0	22.06	21.58	21.32	22.5
		1	37	22.25	21.76	21.62	22.5
		1	74	22.24	21.75	21.29	22.5
		36	0	21.22	20.63	20.25	21.5
		36	29	21.30	20.67	20.29	21.5
		36	30	21.17	20.63	20.36	21.5
		75	0	21.22	20.64	20.43	21.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39750	40620	41490	Tune-up

				2506	2593	2680	Tolerance
20	QPSK	1	0	23.85	23.98	23.33	24.5
		1	49	23.88	23.56	23.31	24.5
		1	99	23.88	23.64	23.21	24.5
		50	0	23.19	22.64	22.37	23.5
		50	24	23.27	22.68	22.40	23.5
		50	50	23.22	22.60	22.31	23.5
		100	0	23.23	22.76	22.31	23.5
	16QAM	1	0	22.88	22.68	22.42	23.5
		1	49	23.14	22.65	22.58	23.5
		1	99	23.01	22.38	22.01	23.5
		50	0	22.27	21.74	21.29	22.5
		50	24	22.27	21.73	21.42	22.5
		50	50	22.21	21.62	21.24	22.5
		100	0	22.23	21.74	21.37	22.5
	64QAM	1	0	22.31	21.72	21.14	22.5
		1	49	21.97	21.59	21.71	22.5
		1	99	21.89	21.76	21.08	22.5
		50	0	21.21	20.65	20.24	21.5
		50	24	21.35	20.74	20.37	21.5
		50	50	21.22	20.69	20.32	21.5
		100	0	21.28	20.61	20.36	21.5

LTE Band66

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				131979	132422	132665	Tune-up Tolerance
				1710.7	1755	1779.3	
1.4	QPSK	1	0	22.56	22.57	22.61	23.3
		1	3	22.55	22.66	22.48	23.3
		1	5	22.57	22.58	22.62	23.3
		3	0	22.55	22.59	22.56	23.3
		3	1	22.57	22.70	22.61	23.3
		3	3	22.57	22.58	22.58	23.3
		6	0	21.63	21.62	21.59	22.3
	16QAM	1	0	21.83	21.86	21.70	22.3
		1	3	21.82	21.97	21.94	22.3
		1	5	21.83	22.02	21.83	22.3
		3	0	21.70	21.73	21.78	22.3
		3	1	21.53	21.73	21.71	22.3
		3	3	21.67	21.78	21.69	22.3
		6	0	20.75	20.69	20.67	21.3
	64QAM	1	0	20.92	20.94	20.69	21.3
		1	3	21.02	20.92	21.09	21.3
		1	5	20.53	20.97	20.87	21.3
		3	0	20.76	20.93	20.74	21.3
		3	1	20.64	20.87	20.99	21.3

		3	3	20.81	20.87	20.91	21.3
		6	0	19.78	19.70	19.71	20.3

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				131987	132422	132657	
				1711.5	1755	1778.5	
3	QPSK	1	0	22.54	22.63	22.56	23.30
		1	8	22.57	22.74	22.79	23.30
		1	14	22.50	22.76	22.70	23.30
		8	0	21.65	21.65	21.66	22.30
		8	4	21.65	21.71	21.75	22.30
		8	7	21.63	21.74	21.69	22.30
		15	0	21.58	21.65	21.75	22.30
	16QAM	1	0	21.80	21.96	21.82	22.30
		1	8	22.07	21.95	22.18	22.30
		1	14	21.96	22.00	21.85	22.30
		8	0	20.73	20.76	20.75	21.30
		8	4	20.69	20.71	20.73	21.30
		8	7	20.68	20.79	20.73	21.30
		15	0	20.72	20.74	20.82	21.30
	64QAM	1	0	21.06	20.91	20.75	21.30
		1	8	21.03	20.98	20.88	21.30
		1	14	20.90	20.87	20.74	21.30
		8	0	19.72	19.78	19.75	20.30
		8	4	19.75	19.77	19.79	20.30
		8	7	19.76	19.82	19.70	20.30
		15	0	19.70	19.75	19.76	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				131997	132422	132647	
				1712.5	1755	1777.5	
5	QPSK	1	0	22.62	22.69	22.62	23.30
		1	12	22.49	22.85	22.74	23.30
		1	24	22.68	22.72	22.71	23.30
		12	0	21.54	21.69	21.67	22.30
		12	7	21.61	21.76	21.66	22.30
		12	13	21.60	21.73	21.63	22.30
		25	0	21.57	21.74	21.62	22.30
	16QAM	1	0	21.70	21.99	21.93	22.30
		1	12	21.60	21.93	22.04	22.30
		1	24	21.84	21.98	21.89	22.30
		12	0	20.61	20.79	20.55	21.30
		12	7	20.67	20.82	20.72	21.30
		12	13	20.64	20.75	20.59	21.30
		25	0	20.47	20.72	20.66	21.30
	64QAM	1	0	20.74	21.10	21.00	21.30

		1	12	20.79	21.05	21.01	21.30
		1	24	21.00	21.04	21.03	21.30
		12	0	19.57	19.63	19.70	20.30
		12	7	19.66	19.73	19.69	20.30
		12	13	19.62	19.72	19.65	20.30
		25	0	19.67	19.71	19.64	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				132022	132422	132622	
				1715	1755	1775	
10	QPSK	1	0	22.57	22.86	22.65	23.30
		1	25	22.53	22.83	22.60	23.30
		1	49	22.44	22.69	22.59	23.30
		25	0	21.65	21.75	21.70	22.30
		25	12	21.68	21.78	21.65	22.30
		25	25	21.54	21.75	21.64	22.30
		50	0	21.55	21.72	21.64	22.30
	16QAM	1	0	21.78	22.09	22.01	22.30
		1	25	21.90	21.96	21.59	22.30
		1	49	21.69	21.88	21.97	22.30
		25	0	20.58	20.85	20.70	21.30
		25	12	20.61	20.77	20.68	21.30
		25	25	20.54	20.74	20.69	21.30
		50	0	20.64	20.72	20.72	21.30
	64QAM	1	0	20.86	21.04	20.78	21.30
		1	25	21.00	20.85	20.56	21.30
		1	49	20.70	21.14	20.97	21.30
		25	0	19.64	19.80	19.65	20.30
		25	12	19.72	19.87	19.70	20.30
		25	25	19.57	19.75	19.63	20.30
		50	0	19.74	19.79	19.64	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				132047	132422	132597	
				1717.5	1755	1772.5	
15	QPSK	1	0	22.44	22.68	22.75	23.30
		1	37	22.55	22.66	22.62	23.30
		1	74	22.49	22.43	22.51	23.30
		36	0	21.55	21.59	21.56	22.30
		36	29	21.53	21.76	21.62	22.30
		36	30	21.53	21.70	21.61	22.30
		75	0	21.51	21.62	21.63	22.30
	16QAM	1	0	21.85	22.09	21.68	22.30
		1	37	21.80	21.85	21.87	22.30
		1	74	21.79	21.51	21.92	22.30
		36	0	20.49	20.63	20.55	21.30

		36	29	20.55	20.67	20.58	21.30
		36	30	20.62	20.76	20.65	21.30
		75	0	20.53	20.65	20.65	21.30
	64QAM	1	0	20.95	21.13	20.93	21.30
		1	37	21.14	20.91	21.21	21.30
		1	74	20.64	21.07	20.91	21.30
		36	0	19.57	19.59	19.64	20.30
		36	29	19.55	19.72	19.65	20.30
		36	30	19.53	19.71	19.72	20.30
		75	0	19.56	19.86	19.72	20.30

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			Tune-up Tolerance
				132072	132422	132572	
				1720	1755	1770	
20	QPSK	1	0	22.64	22.56	22.57	23.30
		1	49	22.77	22.61	22.64	23.30
		1	99	22.46	22.52	22.50	23.30
		50	0	21.59	21.61	21.61	22.30
		50	24	21.58	21.80	21.59	22.30
		50	50	21.58	21.68	21.62	22.30
		100	0	21.60	21.66	21.52	22.30
	16QAM	1	0	21.68	21.79	21.77	22.30
		1	49	21.66	22.01	21.74	22.30
		1	99	22.05	22.15	21.56	22.30
		50	0	20.61	20.66	20.58	21.30
		50	24	20.61	20.75	20.68	21.30
		50	50	20.53	20.75	20.60	21.30
		100	0	20.48	20.78	20.44	21.30
	64QAM	1	0	20.95	20.91	20.83	21.30
		1	49	21.00	21.03	20.97	21.30
		1	99	21.22	21.02	20.49	21.30
		50	0	19.60	19.63	19.62	20.30
		50	24	19.60	19.76	19.60	20.30
		50	50	19.61	19.77	19.62	20.30
		100	0	19.43	19.62	19.55	20.30

NR

B66_n5

5G NR DC_66A_n5A SCS=15kHz SISO 5MHz NTNV CC1:66 CC2:n5					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	20.96	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.07	21.5
			LTE: 1RB_Left NR: Outer_Full	21.01	21.5
			LTE: 1RB_Left NR: Inner_Full	21.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	21.3	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.01	21.5
			LTE: 1RB_Left NR: Outer_Full	21.15	21.5
			LTE: 1RB_Left NR: Inner_Full	21.4	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.21	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	20.88	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.98	21.5
			LTE: 1RB_Left NR: Outer_Full	21.04	21.5

			LTE: 1RB_Left NR: Inner_Full	21.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.45	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	20.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.41	21.5
			LTE: 1RB_Left NR: Outer_Full	20.47	21.5
			LTE: 1RB_Left NR: Inner_Full	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.38	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.8	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.43	21.5
			LTE: 1RB_Left NR: Outer_Full	20.69	21.5
			LTE: 1RB_Left NR: Inner_Full	21.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.49	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	20.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.5	21.5
			LTE: 1RB_Left NR: Outer_Full	20.54	21.5
			LTE: 1RB_Left	21.43	21.5

			NR: Inner_Full		
			LTE: 1RB_Left NR: Inner_1RB_Left	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.38	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	20.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.56	21.5
			LTE: 1RB_Left NR: Outer_Full	20.4	21.5
			LTE: 1RB_Left NR: Inner_Full	21.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.43	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.46	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.72	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.51	21.5
			LTE: 1RB_Left NR: Outer_Full	20.71	21.5
			LTE: 1RB_Left NR: Inner_Full	20.7	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.56	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	20.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.56	21.5
			LTE: 1RB_Left NR: Outer_Full	20.46	21.5
			LTE: 1RB_Left NR: Inner_Full	21.46	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	20.56	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.54	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	19.75	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.85	21.5
			LTE: 1RB_Left NR: Outer_Full	19.91	21.5
			LTE: 1RB_Left NR: Inner_Full	20.02	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.76	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.95	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.07	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.87	21.5
			LTE: 1RB_Left NR: Outer_Full	20.09	21.5
			LTE: 1RB_Left NR: Inner_Full	20.27	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.13	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.86	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	19.84	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.86	21.5
			LTE: 1RB_Left NR: Outer_Full	19.89	21.5
			LTE: 1RB_Left NR: Inner_Full	20.06	21.5
			LTE: 1RB_Left	19.79	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.89	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	17.56	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.66	21.5
			LTE: 1RB_Left NR: Outer_Full	17.94	21.5
			LTE: 1RB_Left NR: Inner_Full	18.01	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.59	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.69	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.96	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.65	21.5
			LTE: 1RB_Left NR: Outer_Full	18.24	21.5
			LTE: 1RB_Left NR: Inner_Full	18.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.71	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	17.57	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.67	21.5
			LTE: 1RB_Left NR: Outer_Full	18.05	21.5
			LTE: 1RB_Left NR: Inner_Full	18.01	21.5
			LTE: 1RB_Left	17.6	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	17.7	21.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	19.41	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.64	21.5
			LTE: 1RB_Left NR: Outer_Full	19.47	21.5
			LTE: 1RB_Left NR: Inner_Full	20.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.15	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.81	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.51	21.5
			LTE: 1RB_Left NR: Outer_Full	19.74	21.5
			LTE: 1RB_Left NR: Inner_Full	21.18	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.12	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	19.47	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.52	21.5
			LTE: 1RB_Left NR: Outer_Full	19.63	21.5
			LTE: 1RB_Left NR: Inner_Full	20.96	21.5
			LTE: 1RB_Left	20.98	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.13	21.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	19.47	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.6	21.5
			LTE: 1RB_Left NR: Outer_Full	19.52	21.5
			LTE: 1RB_Left NR: Inner_Full	20.44	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.69	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.79	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.59	21.5
			LTE: 1RB_Left NR: Outer_Full	19.81	21.5
			LTE: 1RB_Left NR: Inner_Full	20.69	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.56	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	19.64	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.57	21.5
			LTE: 1RB_Left NR: Outer_Full	19.6	21.5
			LTE: 1RB_Left NR: Inner_Full	20.52	21.5
			LTE: 1RB_Left	20.6	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.54	21.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	18.86	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.99	21.5
			LTE: 1RB_Left NR: Outer_Full	19.03	21.5
			LTE: 1RB_Left NR: Inner_Full	19.09	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.96	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.19	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19	21.5
			LTE: 1RB_Left NR: Outer_Full	19.28	21.5
			LTE: 1RB_Left NR: Inner_Full	19.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.25	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.06	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	18.96	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.02	21.5
			LTE: 1RB_Left NR: Outer_Full	19.14	21.5
			LTE: 1RB_Left NR: Inner_Full	19.21	21.5
			LTE: 1RB_Left	19.03	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.05	21.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:829	LTE: 1RB_Left NR: Edge_1RB_Left	15.53	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.8	21.5
			LTE: 1RB_Left NR: Outer_Full	16.03	21.5
			LTE: 1RB_Left NR: Inner_Full	16.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.63	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.78	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	16.05	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.79	21.5
			LTE: 1RB_Left NR: Outer_Full	16.27	21.5
			LTE: 1RB_Left NR: Inner_Full	16.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.01	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.91	21.5
		CC1:1745 CC2:844	LTE: 1RB_Left NR: Edge_1RB_Left	15.66	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.65	21.5
			LTE: 1RB_Left NR: Outer_Full	16.08	21.5
			LTE: 1RB_Left NR: Inner_Full	16.2	21.5
			LTE: 1RB_Left	15.64	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	15.76	21.5

5G NR DC_66A_n5A SCS=15kHz SISO 10MHz NTNV CC1:66 CC2:n5					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm) NR	Tuneup (dBm)
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.05	21.5
			LTE: 1RB_Left NR: Outer_Full	21.2	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.32	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	21.09	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.89	21.5
			LTE: 1RB_Left NR: Outer_Full	21.25	21.5
			LTE: 1RB_Left NR: Inner_Full	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.44	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.87	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.85	21.5
			LTE: 1RB_Left NR: Outer_Full	20.94	21.5
			LTE: 1RB_Left NR: Inner_Full	21.44	21.5
			LTE: 1RB_Left	21.39	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.37	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.15	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.52	21.5
			LTE: 1RB_Left NR: Outer_Full	20.56	21.5
			LTE: 1RB_Left NR: Inner_Full	21.46	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.18	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.38	21.5
			LTE: 1RB_Left NR: Outer_Full	20.73	21.5
			LTE: 1RB_Left NR: Inner_Full	21.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.25	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.41	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.37	21.5
			LTE: 1RB_Left NR: Outer_Full	20.46	21.5
			LTE: 1RB_Left NR: Inner_Full	21.31	21.5
			LTE: 1RB_Left	21.25	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.31	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.37	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.62	21.5
			LTE: 1RB_Left NR: Outer_Full	20.54	21.5
			LTE: 1RB_Left NR: Inner_Full	21.49	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.58	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.64	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.53	21.5
			LTE: 1RB_Left NR: Outer_Full	20.66	21.5
			LTE: 1RB_Left NR: Inner_Full	20.7	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.7	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.55	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.48	21.5
			LTE: 1RB_Left NR: Outer_Full	20.48	21.5
			LTE: 1RB_Left NR: Inner_Full	21.41	21.5
			LTE: 1RB_Left	21.37	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.66	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.97	21.5
			LTE: 1RB_Left NR: Outer_Full	20.1	21.5
			LTE: 1RB_Left NR: Inner_Full	20.01	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.58	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.99	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.88	21.5
			LTE: 1RB_Left NR: Outer_Full	20.21	21.5
			LTE: 1RB_Left NR: Inner_Full	20.13	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.02	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.89	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.79	21.5
			LTE: 1RB_Left NR: Outer_Full	19.98	21.5
			LTE: 1RB_Left NR: Inner_Full	19.88	21.5
			LTE: 1RB_Left	19.75	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.81	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.46	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.77	21.5
			LTE: 1RB_Left NR: Outer_Full	18.05	21.5
			LTE: 1RB_Left NR: Inner_Full	18.15	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.46	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.81	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.87	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.65	21.5
			LTE: 1RB_Left NR: Outer_Full	18.23	21.5
			LTE: 1RB_Left NR: Inner_Full	18.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.68	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.64	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.66	21.5
			LTE: 1RB_Left NR: Outer_Full	18.03	21.5
			LTE: 1RB_Left NR: Inner_Full	17.97	21.5
			LTE: 1RB_Left	17.65	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	17.59	21.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.72	21.5
			LTE: 1RB_Left NR: Outer_Full	19.55	21.5
			LTE: 1RB_Left NR: Inner_Full	21.08	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.86	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.24	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.53	21.5
			LTE: 1RB_Left NR: Outer_Full	19.63	21.5
			LTE: 1RB_Left NR: Inner_Full	21.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.24	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.07	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.53	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.57	21.5
			LTE: 1RB_Left NR: Outer_Full	19.43	21.5
			LTE: 1RB_Left NR: Inner_Full	20.98	21.5
			LTE: 1RB_Left	21.05	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.09	21.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.68	21.5
			LTE: 1RB_Left NR: Outer_Full	19.51	21.5
			LTE: 1RB_Left NR: Inner_Full	20.55	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.62	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.74	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.57	21.5
			LTE: 1RB_Left NR: Outer_Full	19.65	21.5
			LTE: 1RB_Left NR: Inner_Full	20.7	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.67	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.62	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.61	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.46	21.5
			LTE: 1RB_Left NR: Outer_Full	19.48	21.5
			LTE: 1RB_Left NR: Inner_Full	20.4	21.5
			LTE: 1RB_Left	20.58	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.39	21.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.82	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.11	21.5
			LTE: 1RB_Left NR: Outer_Full	19.22	21.5
			LTE: 1RB_Left NR: Inner_Full	19.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.05	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.09	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.99	21.5
			LTE: 1RB_Left NR: Outer_Full	19.33	21.5
			LTE: 1RB_Left NR: Inner_Full	19.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.11	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.05	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.92	21.5
			LTE: 1RB_Left NR: Outer_Full	19.07	21.5
			LTE: 1RB_Left NR: Inner_Full	19.03	21.5
			LTE: 1RB_Left	19.07	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.89	21.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:831.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.95	21.5
			LTE: 1RB_Left NR: Outer_Full	16.03	21.5
			LTE: 1RB_Left NR: Inner_Full	16.24	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.6	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.97	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.85	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.69	21.5
			LTE: 1RB_Left NR: Outer_Full	16.19	21.5
			LTE: 1RB_Left NR: Inner_Full	16.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.88	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.7	21.5
		CC1:1745 CC2:841.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.69	21.5
			LTE: 1RB_Left NR: Outer_Full	15.94	21.5
			LTE: 1RB_Left NR: Inner_Full	16.01	21.5
			LTE: 1RB_Left	15.68	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	15.67	21.5

5G NR DC_66A_n5A SCS=15kHz SISO 15MHz NTNV CC1:66 CC2:n5					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.58	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.81	21.5
			LTE: 1RB_Left NR: Outer_Full	21.03	21.5
			LTE: 1RB_Left NR: Inner_Full	21.42	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.14	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.34	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.84	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.75	21.5
			LTE: 1RB_Left NR: Outer_Full	21	21.5
			LTE: 1RB_Left NR: Inner_Full	20.27	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.2	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.96	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.84	21.5
			LTE: 1RB_Left NR: Outer_Full	20.95	21.5
			LTE: 1RB_Left NR: Inner_Full	21.35	21.5
			LTE: 1RB_Left	20.21	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.36	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.13	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.32	21.5
			LTE: 1RB_Left NR: Outer_Full	20.55	21.5
			LTE: 1RB_Left NR: Inner_Full	21.43	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.08	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.27	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.4	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.15	21.5
			LTE: 1RB_Left NR: Outer_Full	20.58	21.5
			LTE: 1RB_Left NR: Inner_Full	20.23	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.4	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.38	21.5
			LTE: 1RB_Left NR: Outer_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_Full	21.31	21.5
			LTE: 1RB_Left	21.43	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.35	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.57	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.7	21.5
			LTE: 1RB_Left NR: Outer_Full	20.69	21.5
			LTE: 1RB_Left NR: Inner_Full	20.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.42	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.79	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.58	21.5
			LTE: 1RB_Left NR: Outer_Full	20.76	21.5
			LTE: 1RB_Left NR: Inner_Full	20.51	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.48	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.25	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.91	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.72	21.5
			LTE: 1RB_Left NR: Outer_Full	20.63	21.5
			LTE: 1RB_Left NR: Inner_Full	21.48	21.5
			LTE: 1RB_Left	20.51	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.36	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	19.95	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.08	21.5
			LTE: 1RB_Left NR: Outer_Full	20.18	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.95	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.12	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.15	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.05	21.5
			LTE: 1RB_Left NR: Outer_Full	20.4	21.5
			LTE: 1RB_Left NR: Inner_Full	20.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.91	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.08	21.5
			LTE: 1RB_Left NR: Outer_Full	20.16	21.5
			LTE: 1RB_Left NR: Inner_Full	20.13	21.5
			LTE: 1RB_Left	20.24	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.07	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	17.76	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.91	21.5
			LTE: 1RB_Left NR: Outer_Full	18.34	21.5
			LTE: 1RB_Left NR: Inner_Full	18.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.75	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.92	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.06	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.88	21.5
			LTE: 1RB_Left NR: Outer_Full	18.37	21.5
			LTE: 1RB_Left NR: Inner_Full	18.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.01	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.9	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	18.12	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.91	21.5
			LTE: 1RB_Left NR: Outer_Full	18.13	21.5
			LTE: 1RB_Left NR: Inner_Full	18.14	21.5
			LTE: 1RB_Left	18.19	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	17.9	21.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	19.57	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.85	21.5
			LTE: 1RB_Left NR: Outer_Full	19.72	21.5
			LTE: 1RB_Left NR: Inner_Full	21.3	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.15	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.31	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.85	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.72	21.5
			LTE: 1RB_Left NR: Outer_Full	19.82	21.5
			LTE: 1RB_Left NR: Inner_Full	21.25	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.4	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.29	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	19.97	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.87	21.5
			LTE: 1RB_Left NR: Outer_Full	19.63	21.5
			LTE: 1RB_Left NR: Inner_Full	21.02	21.5
			LTE: 1RB_Left	20.25	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.32	21.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	19.59	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.77	21.5
			LTE: 1RB_Left NR: Outer_Full	19.77	21.5
			LTE: 1RB_Left NR: Inner_Full	20.86	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.61	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.74	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.77	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.73	21.5
			LTE: 1RB_Left NR: Outer_Full	19.81	21.5
			LTE: 1RB_Left NR: Inner_Full	20.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.74	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.83	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	19.89	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.66	21.5
			LTE: 1RB_Left NR: Outer_Full	19.63	21.5
			LTE: 1RB_Left NR: Inner_Full	20.68	21.5
			LTE: 1RB_Left	21	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.56	21.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	19.06	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.17	21.5
			LTE: 1RB_Left NR: Outer_Full	19.42	21.5
			LTE: 1RB_Left NR: Inner_Full	19.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.09	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.3	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.27	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.19	21.5
			LTE: 1RB_Left NR: Outer_Full	19.42	21.5
			LTE: 1RB_Left NR: Inner_Full	19.42	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.22	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	19.43	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.17	21.5
			LTE: 1RB_Left NR: Outer_Full	19.28	21.5
			LTE: 1RB_Left NR: Inner_Full	19.17	21.5
			LTE: 1RB_Left	19.45	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.19	21.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	15.76	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.92	21.5
			LTE: 1RB_Left NR: Outer_Full	16.41	21.5
			LTE: 1RB_Left NR: Inner_Full	16.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.07	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	16.08	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.93	21.5
			LTE: 1RB_Left NR: Outer_Full	16.37	21.5
			LTE: 1RB_Left NR: Inner_Full	16.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.13	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.98	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	16.17	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.05	21.5
			LTE: 1RB_Left NR: Outer_Full	16.22	21.5
			LTE: 1RB_Left NR: Inner_Full	16.14	21.5
			LTE: 1RB_Left	16.17	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16	21.5

5G NR DC_66A_n5A SCS=15kHz SISO 20MHz NTNV CC1:66 CC2:n5					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.64	21.5
			LTE: 1RB_Left NR: Outer_Full	20.95	21.5
			LTE: 1RB_Left NR: Inner_Full	21.21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.02	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.14	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.77	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.75	21.5
			LTE: 1RB_Left NR: Outer_Full	21.02	21.5
			LTE: 1RB_Left NR: Inner_Full	21.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.34	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.8	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.82	21.5
			LTE: 1RB_Left NR: Outer_Full	20.98	21.5
			LTE: 1RB_Left NR: Inner_Full	21.49	21.5
			LTE: 1RB_Left	21.34	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.44	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.04	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.08	21.5
			LTE: 1RB_Left NR: Outer_Full	20.46	21.5
			LTE: 1RB_Left NR: Inner_Full	21.46	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.08	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.22	21.5
			LTE: 1RB_Left NR: Outer_Full	20.59	21.5
			LTE: 1RB_Left NR: Inner_Full	21.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.23	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.34	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.3	21.5
			LTE: 1RB_Left NR: Outer_Full	20.54	21.5
			LTE: 1RB_Left NR: Inner_Full	21.39	21.5
			LTE: 1RB_Left	21.38	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.33	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.49	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.5	21.5
			LTE: 1RB_Left NR: Outer_Full	20.66	21.5
			LTE: 1RB_Left NR: Inner_Full	20.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.23	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.76	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.63	21.5
			LTE: 1RB_Left NR: Outer_Full	20.65	21.5
			LTE: 1RB_Left NR: Inner_Full	20.55	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.42	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.35	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.78	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.71	21.5
			LTE: 1RB_Left NR: Outer_Full	20.67	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left	20.46	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.34	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	19.88	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.88	21.5
			LTE: 1RB_Left NR: Outer_Full	20.24	21.5
			LTE: 1RB_Left NR: Inner_Full	20.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.87	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.07	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.1	21.5
			LTE: 1RB_Left NR: Outer_Full	20.31	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.08	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.12	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.13	21.5
			LTE: 1RB_Left NR: Outer_Full	20.21	21.5
			LTE: 1RB_Left NR: Inner_Full	20.21	21.5
			LTE: 1RB_Left	20.14	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.08	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	17.65	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.66	21.5
			LTE: 1RB_Left NR: Outer_Full	18.34	21.5
			LTE: 1RB_Left NR: Inner_Full	18.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.63	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.67	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.91	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.81	21.5
			LTE: 1RB_Left NR: Outer_Full	18.44	21.5
			LTE: 1RB_Left NR: Inner_Full	18.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.88	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.77	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	17.9	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.87	21.5
			LTE: 1RB_Left NR: Outer_Full	18.35	21.5
			LTE: 1RB_Left NR: Inner_Full	18.23	21.5
			LTE: 1RB_Left	17.92	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	17.84	21.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.53	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.68	21.5
			LTE: 1RB_Left NR: Outer_Full	20.96	21.5
			LTE: 1RB_Left NR: Inner_Full	21.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.02	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.06	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.79	21.5
			LTE: 1RB_Left NR: Outer_Full	20.95	21.5
			LTE: 1RB_Left NR: Inner_Full	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.3	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.94	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.78	21.5
			LTE: 1RB_Left NR: Outer_Full	20.94	21.5
			LTE: 1RB_Left NR: Inner_Full	21.23	21.5
			LTE: 1RB_Left	21.32	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.4	21.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.02	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.08	21.5
			LTE: 1RB_Left NR: Outer_Full	20.45	21.5
			LTE: 1RB_Left NR: Inner_Full	21.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.98	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.04	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.24	21.5
			LTE: 1RB_Left NR: Outer_Full	20.46	21.5
			LTE: 1RB_Left NR: Inner_Full	21.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.25	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.34	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.24	21.5
			LTE: 1RB_Left NR: Outer_Full	20.56	21.5
			LTE: 1RB_Left NR: Inner_Full	21.45	21.5
			LTE: 1RB_Left	21.38	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.3	21.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	20.5	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.53	21.5
			LTE: 1RB_Left NR: Outer_Full	20.63	21.5
			LTE: 1RB_Left NR: Inner_Full	20.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.43	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.44	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.74	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.64	21.5
			LTE: 1RB_Left NR: Outer_Full	20.61	21.5
			LTE: 1RB_Left NR: Inner_Full	20.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.42	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.33	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.73	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.76	21.5
			LTE: 1RB_Left NR: Outer_Full	20.71	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left	20.44	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.35	21.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:834	LTE: 1RB_Left NR: Edge_1RB_Left	19.94	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.95	21.5
			LTE: 1RB_Left NR: Outer_Full	20.23	21.5
			LTE: 1RB_Left NR: Inner_Full	20.3	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.88	21.5
		CC1:1745 CC2:836.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.16	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.11	21.5
			LTE: 1RB_Left NR: Outer_Full	20.19	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.12	21.5
		CC1:1745 CC2:839	LTE: 1RB_Left NR: Edge_1RB_Left	20.21	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.13	21.5
			LTE: 1RB_Left NR: Outer_Full	20.28	21.5
			LTE: 1RB_Left NR: Inner_Full	20.21	21.5
			LTE: 1RB_Left	20.23	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.1	21.5

B66_n41

5G NR DC_66A_n41A SCS=30kHz SISO 10MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.93	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.97	22.5
			LTE: 1RB_Left NR: Outer_Full	21.13	22.5
			LTE: 1RB_Left NR: Inner_Full	21.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.56	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.83	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.01	22.5
			LTE: 1RB_Left NR: Outer_Full	21.12	22.5
			LTE: 1RB_Left NR: Inner_Full	21.55	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.42	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.62	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.97	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.88	22.5
			LTE: 1RB_Left NR: Outer_Full	21.08	22.5
			LTE: 1RB_Left	21.5	22.5

			NR: Inner_Full		
			LTE: 1RB_Left NR: Inner_1RB_Left	21.36	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.41	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.52	22.5
			LTE: 1RB_Left NR: Outer_Full	20.63	22.5
			LTE: 1RB_Left NR: Inner_Full	21.46	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.51	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.41	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.53	22.5
			LTE: 1RB_Left NR: Outer_Full	20.64	22.5
			LTE: 1RB_Left NR: Inner_Full	21.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.6	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.38	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.44	22.5
			LTE: 1RB_Left NR: Outer_Full	20.64	22.5
			LTE: 1RB_Left NR: Inner_Full	21.4	22.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.35	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.43	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.58	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.56	22.5
			LTE: 1RB_Left NR: Outer_Full	19.51	22.5
			LTE: 1RB_Left NR: Inner_Full	20.52	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.51	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.55	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.59	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.61	22.5
			LTE: 1RB_Left NR: Outer_Full	19.52	22.5
			LTE: 1RB_Left NR: Inner_Full	20.57	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.46	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.57	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.5	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.55	22.5
			LTE: 1RB_Left NR: Outer_Full	19.53	22.5
			LTE: 1RB_Left NR: Inner_Full	20.52	22.5
			LTE: 1RB_Left	20.39	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.49	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.76	22.5
			LTE: 1RB_Left NR: Outer_Full	19.81	22.5
			LTE: 1RB_Left NR: Inner_Full	19.82	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.75	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.9	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.63	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.76	22.5
			LTE: 1RB_Left NR: Outer_Full	19.76	22.5
			LTE: 1RB_Left NR: Inner_Full	19.81	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.73	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.87	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.5	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.54	22.5
			LTE: 1RB_Left NR: Outer_Full	19.74	22.5
			LTE: 1RB_Left NR: Inner_Full	19.79	22.5
			LTE: 1RB_Left	19.7	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.68	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	16.83	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.94	22.5
			LTE: 1RB_Left NR: Outer_Full	17.06	22.5
			LTE: 1RB_Left NR: Inner_Full	16.99	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.87	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.98	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.79	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.92	22.5
			LTE: 1RB_Left NR: Outer_Full	16.98	22.5
			LTE: 1RB_Left NR: Inner_Full	17.02	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.81	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.95	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.79	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.83	22.5
			LTE: 1RB_Left NR: Outer_Full	17.02	22.5
			LTE: 1RB_Left NR: Inner_Full	16.99	22.5
			LTE: 1RB_Left	16.83	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.87	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.88	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.97	22.5
			LTE: 1RB_Left NR: Outer_Full	21.15	22.5
			LTE: 1RB_Left NR: Inner_Full	21.51	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.47	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.58	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.83	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.01	22.5
			LTE: 1RB_Left NR: Outer_Full	21.07	22.5
			LTE: 1RB_Left NR: Inner_Full	21.56	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.42	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.6	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.89	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.89	22.5
			LTE: 1RB_Left NR: Outer_Full	21.04	22.5
			LTE: 1RB_Left NR: Inner_Full	21.46	22.5
			LTE: 1RB_Left	21.34	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.41	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.42	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.52	22.5
			LTE: 1RB_Left NR: Outer_Full	20.63	22.5
			LTE: 1RB_Left NR: Inner_Full	21.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.46	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.51	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.4	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.53	22.5
			LTE: 1RB_Left NR: Outer_Full	20.63	22.5
			LTE: 1RB_Left NR: Inner_Full	21.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.47	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.56	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.36	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.43	22.5
			LTE: 1RB_Left NR: Outer_Full	20.6	22.5
			LTE: 1RB_Left NR: Inner_Full	21.3	22.5
			LTE: 1RB_Left	21.35	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.43	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.68	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.55	22.5
			LTE: 1RB_Left NR: Outer_Full	19.53	22.5
			LTE: 1RB_Left NR: Inner_Full	20.51	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.52	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.5	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.69	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.61	22.5
			LTE: 1RB_Left NR: Outer_Full	19.52	22.5
			LTE: 1RB_Left NR: Inner_Full	20.52	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.43	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.65	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.6	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.65	22.5
			LTE: 1RB_Left NR: Outer_Full	19.51	22.5
			LTE: 1RB_Left NR: Inner_Full	20.5	22.5
			LTE: 1RB_Left	20.4	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.49	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.67	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.76	22.5
			LTE: 1RB_Left NR: Outer_Full	19.78	22.5
			LTE: 1RB_Left NR: Inner_Full	19.74	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.71	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.78	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.61	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.79	22.5
			LTE: 1RB_Left NR: Outer_Full	19.7	22.5
			LTE: 1RB_Left NR: Inner_Full	19.76	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.69	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.78	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.51	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.52	22.5
			LTE: 1RB_Left NR: Outer_Full	19.69	22.5
			LTE: 1RB_Left NR: Inner_Full	19.63	22.5
			LTE: 1RB_Left	19.55	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.63	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 20MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	22.17	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.18	22.5
			LTE: 1RB_Left NR: Outer_Full	22.34	22.5
			LTE: 1RB_Left NR: Inner_Full	22.3	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.05	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.25	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.04	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.34	22.5
			LTE: 1RB_Left NR: Outer_Full	22.44	22.5
			LTE: 1RB_Left NR: Inner_Full	22.36	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.1	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.34	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.02	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.49	22.5
			LTE: 1RB_Left NR: Outer_Full	22.18	22.5
			LTE: 1RB_Left NR: Inner_Full	22.18	22.5

			LTE: 1RB_Left NR: Inner_1RB_Left	22.01	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.5	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	21.54	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.72	22.5
			LTE: 1RB_Left NR: Outer_Full	21.78	22.5
			LTE: 1RB_Left NR: Inner_Full	22.32	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.02	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.09	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.6	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.84	22.5
			LTE: 1RB_Left NR: Outer_Full	21.85	22.5
			LTE: 1RB_Left NR: Inner_Full	22.25	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.33	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	22	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.87	22.5
			LTE: 1RB_Left NR: Outer_Full	22.17	22.5
			LTE: 1RB_Left NR: Inner_Full	22.09	22.5
			LTE: 1RB_Left	21.94	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.97	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.68	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.67	22.5
			LTE: 1RB_Left NR: Outer_Full	20.84	22.5
			LTE: 1RB_Left NR: Inner_Full	21.74	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.66	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.8	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.66	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.87	22.5
			LTE: 1RB_Left NR: Outer_Full	20.83	22.5
			LTE: 1RB_Left NR: Inner_Full	21.7	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.95	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.1	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.03	22.5
			LTE: 1RB_Left NR: Outer_Full	21.05	22.5
			LTE: 1RB_Left NR: Inner_Full	22.05	22.5
			LTE: 1RB_Left	22.04	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.15	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.16	22.5
			LTE: 1RB_Left NR: Outer_Full	20.42	22.5
			LTE: 1RB_Left NR: Inner_Full	20.33	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.12	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.18	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.15	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.36	22.5
			LTE: 1RB_Left NR: Outer_Full	20.28	22.5
			LTE: 1RB_Left NR: Inner_Full	20.26	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.15	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.39	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.51	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.52	22.5
			LTE: 1RB_Left NR: Outer_Full	20.59	22.5
			LTE: 1RB_Left NR: Inner_Full	20.57	22.5
			LTE: 1RB_Left	20.54	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.55	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	17.97	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.03	22.5
			LTE: 1RB_Left NR: Outer_Full	18.38	22.5
			LTE: 1RB_Left NR: Inner_Full	18.35	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.07	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.02	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.23	22.5
			LTE: 1RB_Left NR: Outer_Full	18.22	22.5
			LTE: 1RB_Left NR: Inner_Full	18.2	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.01	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.24	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.37	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.4	22.5
			LTE: 1RB_Left NR: Outer_Full	18.55	22.5
			LTE: 1RB_Left NR: Inner_Full	18.67	22.5
			LTE: 1RB_Left	18.36	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.42	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.74	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.82	22.5
			LTE: 1RB_Left NR: Outer_Full	19.91	22.5
			LTE: 1RB_Left NR: Inner_Full	21.31	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.72	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.03	22.5
			LTE: 1RB_Left NR: Outer_Full	19.81	22.5
			LTE: 1RB_Left NR: Inner_Full	21.3	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.33	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.53	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.12	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.12	22.5
			LTE: 1RB_Left NR: Outer_Full	20.25	22.5
			LTE: 1RB_Left NR: Inner_Full	21.58	22.5
			LTE: 1RB_Left	21.7	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.69	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.73	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.89	22.5
			LTE: 1RB_Left NR: Outer_Full	19.78	22.5
			LTE: 1RB_Left NR: Inner_Full	20.93	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.86	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.87	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.76	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.97	22.5
			LTE: 1RB_Left NR: Outer_Full	19.79	22.5
			LTE: 1RB_Left NR: Inner_Full	20.68	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.77	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.97	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.1	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.17	22.5
			LTE: 1RB_Left NR: Outer_Full	20.24	22.5
			LTE: 1RB_Left NR: Inner_Full	21.16	22.5
			LTE: 1RB_Left	21.12	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.17	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.89	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.94	22.5
			LTE: 1RB_Left NR: Outer_Full	19.89	22.5
			LTE: 1RB_Left NR: Inner_Full	19.91	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.86	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.95	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.75	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.5	22.5
			LTE: 1RB_Left NR: Outer_Full	19.83	22.5
			LTE: 1RB_Left NR: Inner_Full	19.83	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.78	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.5	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.66	22.5
			LTE: 1RB_Left NR: Outer_Full	19.62	22.5
			LTE: 1RB_Left NR: Inner_Full	19.68	22.5
			LTE: 1RB_Left	19.74	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.68	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Edge_1RB_Left	16.07	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.21	22.5
			LTE: 1RB_Left NR: Outer_Full	16.42	22.5
			LTE: 1RB_Left NR: Inner_Full	16.35	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.23	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.09	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.39	22.5
			LTE: 1RB_Left NR: Outer_Full	16.36	22.5
			LTE: 1RB_Left NR: Inner_Full	16.32	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.1	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.29	22.5
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.48	22.5
			LTE: 1RB_Left NR: Outer_Full	16.67	22.5
			LTE: 1RB_Left NR: Inner_Full	16.73	22.5
			LTE: 1RB_Left	16.54	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.49	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 30MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	22.25	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.41	22.5
			LTE: 1RB_Left NR: Outer_Full	22.05	22.5
			LTE: 1RB_Left NR: Inner_Full	22.04	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.26	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.41	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.46	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.47	22.5
			LTE: 1RB_Left NR: Outer_Full	22.5	22.5
			LTE: 1RB_Left NR: Inner_Full	22.42	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.39	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.38	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	22.45	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.46	22.5
			LTE: 1RB_Left NR: Outer_Full	22.15	22.5
			LTE: 1RB_Left NR: Inner_Full	22.17	22.5
			LTE: 1RB_Left	22.43	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.45	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	21.77	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.92	22.5
			LTE: 1RB_Left NR: Outer_Full	22.06	22.5
			LTE: 1RB_Left NR: Inner_Full	22.43	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.25	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.36	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.91	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.05	22.5
			LTE: 1RB_Left NR: Outer_Full	22.02	22.5
			LTE: 1RB_Left NR: Inner_Full	22.38	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.37	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.36	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	21.92	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.97	22.5
			LTE: 1RB_Left NR: Outer_Full	22.12	22.5
			LTE: 1RB_Left NR: Inner_Full	22.13	22.5
			LTE: 1RB_Left	22.5	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.4	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	20.82	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.98	22.5
			LTE: 1RB_Left NR: Outer_Full	20.91	22.5
			LTE: 1RB_Left NR: Inner_Full	21.87	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.97	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.94	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.9	22.5
			LTE: 1RB_Left NR: Outer_Full	20.97	22.5
			LTE: 1RB_Left NR: Inner_Full	21.82	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.94	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.93	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	20.89	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.96	22.5
			LTE: 1RB_Left NR: Outer_Full	21.22	22.5
			LTE: 1RB_Left NR: Inner_Full	21.92	22.5
			LTE: 1RB_Left	22.05	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.01	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	20.36	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.41	22.5
			LTE: 1RB_Left NR: Outer_Full	20.61	22.5
			LTE: 1RB_Left NR: Inner_Full	20.63	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.3	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.45	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.48	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.45	22.5
			LTE: 1RB_Left NR: Outer_Full	20.49	22.5
			LTE: 1RB_Left NR: Inner_Full	20.28	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.48	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	20.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.5	22.5
			LTE: 1RB_Left NR: Outer_Full	20.65	22.5
			LTE: 1RB_Left NR: Inner_Full	20.55	22.5
			LTE: 1RB_Left	20.44	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.53	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	18.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.31	22.5
			LTE: 1RB_Left NR: Outer_Full	18.51	22.5
			LTE: 1RB_Left NR: Inner_Full	18.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.17	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.25	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.34	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.3	22.5
			LTE: 1RB_Left NR: Outer_Full	18.41	22.5
			LTE: 1RB_Left NR: Inner_Full	18.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.24	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.33	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	18.27	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.32	22.5
			LTE: 1RB_Left NR: Outer_Full	18.65	22.5
			LTE: 1RB_Left NR: Inner_Full	18.58	22.5
			LTE: 1RB_Left	18.35	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.35	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	19.87	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.06	22.5
			LTE: 1RB_Left NR: Outer_Full	19.98	22.5
			LTE: 1RB_Left NR: Inner_Full	21.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.38	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.54	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.03	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.09	22.5
			LTE: 1RB_Left NR: Outer_Full	19.99	22.5
			LTE: 1RB_Left NR: Inner_Full	20.97	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.56	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.56	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	19.99	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.09	22.5
			LTE: 1RB_Left NR: Outer_Full	20.11	22.5
			LTE: 1RB_Left NR: Inner_Full	21.58	22.5
			LTE: 1RB_Left	21.65	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.54	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	19.95	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.1	22.5
			LTE: 1RB_Left NR: Outer_Full	20.08	22.5
			LTE: 1RB_Left NR: Inner_Full	21.09	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.8	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.99	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.03	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.05	22.5
			LTE: 1RB_Left NR: Outer_Full	19.96	22.5
			LTE: 1RB_Left NR: Inner_Full	20.96	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	20.11	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.24	22.5
			LTE: 1RB_Left NR: Outer_Full	20.1	22.5
			LTE: 1RB_Left NR: Inner_Full	21.16	22.5
			LTE: 1RB_Left	20.98	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.07	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	19.91	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.99	22.5
			LTE: 1RB_Left NR: Outer_Full	19.59	22.5
			LTE: 1RB_Left NR: Inner_Full	19.58	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.94	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.5	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.51	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.55	22.5
			LTE: 1RB_Left NR: Outer_Full	19.54	22.5
			LTE: 1RB_Left NR: Inner_Full	19.91	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.54	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.58	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	19.55	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.56	22.5
			LTE: 1RB_Left NR: Outer_Full	19.73	22.5
			LTE: 1RB_Left NR: Inner_Full	19.63	22.5
			LTE: 1RB_Left	19.57	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.58	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Edge_1RB_Left	16.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.34	22.5
			LTE: 1RB_Left NR: Outer_Full	16.55	22.5
			LTE: 1RB_Left NR: Inner_Full	16.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.28	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.36	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.35	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.36	22.5
			LTE: 1RB_Left NR: Outer_Full	16.48	22.5
			LTE: 1RB_Left NR: Inner_Full	16.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.35	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.4	22.5
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Edge_1RB_Left	16.36	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.42	22.5
			LTE: 1RB_Left NR: Outer_Full	16.65	22.5
			LTE: 1RB_Left NR: Inner_Full	16.64	22.5
			LTE: 1RB_Left	16.39	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.43	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 40MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	22.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.32	22.5
			LTE: 1RB_Left NR: Outer_Full	22.01	22.5
			LTE: 1RB_Left NR: Inner_Full	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.26	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.28	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.48	22.5
			LTE: 1RB_Left NR: Outer_Full	22.04	22.5
			LTE: 1RB_Left NR: Inner_Full	22.05	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.41	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.48	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	22.31	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.34	22.5
			LTE: 1RB_Left NR: Outer_Full	22.17	22.5
			LTE: 1RB_Left NR: Inner_Full	22.17	22.5
			LTE: 1RB_Left	22.34	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.41	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	21.73	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.74	22.5
			LTE: 1RB_Left NR: Outer_Full	21.96	22.5
			LTE: 1RB_Left NR: Inner_Full	22.43	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.2	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.23	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.98	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22	22.5
			LTE: 1RB_Left NR: Outer_Full	22.05	22.5
			LTE: 1RB_Left NR: Inner_Full	22.38	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.46	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.81	22.5
			LTE: 1RB_Left NR: Outer_Full	22.12	22.5
			LTE: 1RB_Left NR: Inner_Full	22.11	22.5
			LTE: 1RB_Left	22.32	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.36	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.8	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.8	22.5
			LTE: 1RB_Left NR: Outer_Full	20.91	22.5
			LTE: 1RB_Left NR: Inner_Full	21.99	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.7	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.79	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.99	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21	22.5
			LTE: 1RB_Left NR: Outer_Full	20.98	22.5
			LTE: 1RB_Left NR: Inner_Full	21.95	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	20.93	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.94	22.5
			LTE: 1RB_Left NR: Outer_Full	21.05	22.5
			LTE: 1RB_Left NR: Inner_Full	22.01	22.5
			LTE: 1RB_Left	21.9	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.84	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.34	22.5
			LTE: 1RB_Left NR: Outer_Full	20.47	22.5
			LTE: 1RB_Left NR: Inner_Full	20.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.22	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.26	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.47	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.39	22.5
			LTE: 1RB_Left NR: Outer_Full	20.55	22.5
			LTE: 1RB_Left NR: Inner_Full	20.54	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.47	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.51	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	20.38	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.39	22.5
			LTE: 1RB_Left NR: Outer_Full	20.67	22.5
			LTE: 1RB_Left NR: Inner_Full	20.68	22.5
			LTE: 1RB_Left	20.32	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.31	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	18.04	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.19	22.5
			LTE: 1RB_Left NR: Outer_Full	18.4	22.5
			LTE: 1RB_Left NR: Inner_Full	18.4	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.06	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.11	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.36	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.32	22.5
			LTE: 1RB_Left NR: Outer_Full	18.58	22.5
			LTE: 1RB_Left NR: Inner_Full	18.4	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.33	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.37	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	18.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.22	22.5
			LTE: 1RB_Left NR: Outer_Full	18.62	22.5
			LTE: 1RB_Left NR: Inner_Full	18.64	22.5
			LTE: 1RB_Left	18.15	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.24	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	19.92	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.9	22.5
			LTE: 1RB_Left NR: Outer_Full	20.06	22.5
			LTE: 1RB_Left NR: Inner_Full	21.4	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.4	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.43	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.13	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.1	22.5
			LTE: 1RB_Left NR: Outer_Full	20.12	22.5
			LTE: 1RB_Left NR: Inner_Full	21.44	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.58	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.59	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	19.95	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.98	22.5
			LTE: 1RB_Left NR: Outer_Full	20.15	22.5
			LTE: 1RB_Left NR: Inner_Full	21.62	22.5
			LTE: 1RB_Left	21.47	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.5	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	19.89	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.99	22.5
			LTE: 1RB_Left NR: Outer_Full	19.94	22.5
			LTE: 1RB_Left NR: Inner_Full	20.97	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.82	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.92	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.08	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.15	22.5
			LTE: 1RB_Left NR: Outer_Full	20.05	22.5
			LTE: 1RB_Left NR: Inner_Full	20.98	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.04	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	20.04	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.02	22.5
			LTE: 1RB_Left NR: Outer_Full	20.07	22.5
			LTE: 1RB_Left NR: Inner_Full	21.12	22.5
			LTE: 1RB_Left	20.92	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.96	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	19.39	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.48	22.5
			LTE: 1RB_Left NR: Outer_Full	19.47	22.5
			LTE: 1RB_Left NR: Inner_Full	19.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.43	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.5	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.62	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.65	22.5
			LTE: 1RB_Left NR: Outer_Full	19.6	22.5
			LTE: 1RB_Left NR: Inner_Full	19.47	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.62	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.67	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	19.56	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.56	22.5
			LTE: 1RB_Left NR: Outer_Full	19.63	22.5
			LTE: 1RB_Left NR: Inner_Full	19.67	22.5
			LTE: 1RB_Left	19.52	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.54	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Edge_1RB_Left	16.13	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.19	22.5
			LTE: 1RB_Left NR: Outer_Full	16.45	22.5
			LTE: 1RB_Left NR: Inner_Full	16.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.17	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.22	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.34	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.36	22.5
			LTE: 1RB_Left NR: Outer_Full	16.47	22.5
			LTE: 1RB_Left NR: Inner_Full	16.52	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.35	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.38	22.5
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Edge_1RB_Left	16.28	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.44	22.5
			LTE: 1RB_Left NR: Outer_Full	16.63	22.5
			LTE: 1RB_Left NR: Inner_Full	16.7	22.5
			LTE: 1RB_Left	16.31	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.29	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 50MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	22.49	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.49	22.5
			LTE: 1RB_Left NR: Outer_Full	21.77	22.5
			LTE: 1RB_Left NR: Inner_Full	22.18	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.97	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.98	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.65	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.72	22.5
			LTE: 1RB_Left NR: Outer_Full	21.69	22.5
			LTE: 1RB_Left NR: Inner_Full	22.19	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.13	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.1	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.61	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.71	22.5
			LTE: 1RB_Left NR: Outer_Full	21.82	22.5
			LTE: 1RB_Left NR: Inner_Full	22.35	22.5
			LTE: 1RB_Left	22.09	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.2	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	21.99	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.04	22.5
			LTE: 1RB_Left NR: Outer_Full	22.18	22.5
			LTE: 1RB_Left NR: Inner_Full	22.12	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.95	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.89	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.12	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.2	22.5
			LTE: 1RB_Left NR: Outer_Full	22.26	22.5
			LTE: 1RB_Left NR: Inner_Full	22.13	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.09	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.06	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.15	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.2	22.5
			LTE: 1RB_Left NR: Outer_Full	22.24	22.5
			LTE: 1RB_Left NR: Inner_Full	22.25	22.5
			LTE: 1RB_Left	22.02	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.18	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.99	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.06	22.5
			LTE: 1RB_Left NR: Outer_Full	21.19	22.5
			LTE: 1RB_Left NR: Inner_Full	22.1	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.95	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.06	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.19	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.25	22.5
			LTE: 1RB_Left NR: Outer_Full	21.22	22.5
			LTE: 1RB_Left NR: Inner_Full	22.13	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.21	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.23	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.13	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.27	22.5
			LTE: 1RB_Left NR: Outer_Full	21.3	22.5
			LTE: 1RB_Left NR: Inner_Full	22.24	22.5
			LTE: 1RB_Left	22.07	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.25	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.56	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.58	22.5
			LTE: 1RB_Left NR: Outer_Full	20.61	22.5
			LTE: 1RB_Left NR: Inner_Full	20.71	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.54	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.71	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.72	22.5
			LTE: 1RB_Left NR: Outer_Full	20.68	22.5
			LTE: 1RB_Left NR: Inner_Full	20.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.71	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.72	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.67	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.74	22.5
			LTE: 1RB_Left NR: Outer_Full	20.7	22.5
			LTE: 1RB_Left NR: Inner_Full	20.73	22.5
			LTE: 1RB_Left	20.68	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.73	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	18.38	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.37	22.5
			LTE: 1RB_Left NR: Outer_Full	18.65	22.5
			LTE: 1RB_Left NR: Inner_Full	18.7	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.33	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.38	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.56	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.59	22.5
			LTE: 1RB_Left NR: Outer_Full	18.74	22.5
			LTE: 1RB_Left NR: Inner_Full	18.6	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.58	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.58	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.55	22.5
			LTE: 1RB_Left NR: Outer_Full	18.72	22.5
			LTE: 1RB_Left NR: Inner_Full	18.67	22.5
			LTE: 1RB_Left	18.55	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.6	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.08	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.1	22.5
			LTE: 1RB_Left NR: Outer_Full	19.95	22.5
			LTE: 1RB_Left NR: Inner_Full	21.68	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.69	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.68	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.25	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.35	22.5
			LTE: 1RB_Left NR: Outer_Full	20.14	22.5
			LTE: 1RB_Left NR: Inner_Full	21.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.84	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.91	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.27	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.33	22.5
			LTE: 1RB_Left NR: Outer_Full	20.15	22.5
			LTE: 1RB_Left NR: Inner_Full	21.46	22.5
			LTE: 1RB_Left	21.69	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.84	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.1	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.11	22.5
			LTE: 1RB_Left NR: Outer_Full	20.18	22.5
			LTE: 1RB_Left NR: Inner_Full	20.96	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.1	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.12	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.26	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.26	22.5
			LTE: 1RB_Left NR: Outer_Full	20.25	22.5
			LTE: 1RB_Left NR: Inner_Full	21.17	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.21	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.3	22.5
			LTE: 1RB_Left NR: Outer_Full	20.23	22.5
			LTE: 1RB_Left NR: Inner_Full	21.25	22.5
			LTE: 1RB_Left	21.34	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.38	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.7	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.74	22.5
			LTE: 1RB_Left NR: Outer_Full	19.66	22.5
			LTE: 1RB_Left NR: Inner_Full	19.75	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.72	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.74	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.85	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.87	22.5
			LTE: 1RB_Left NR: Outer_Full	19.99	22.5
			LTE: 1RB_Left NR: Inner_Full	19.72	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.86	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.83	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.84	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.96	22.5
			LTE: 1RB_Left NR: Outer_Full	19.83	22.5
			LTE: 1RB_Left NR: Inner_Full	19.86	22.5
			LTE: 1RB_Left	19.86	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.88	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Edge_1RB_Left	16.47	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.43	22.5
			LTE: 1RB_Left NR: Outer_Full	16.75	22.5
			LTE: 1RB_Left NR: Inner_Full	16.8	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.46	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.42	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.6	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.66	22.5
			LTE: 1RB_Left NR: Outer_Full	16.69	22.5
			LTE: 1RB_Left NR: Inner_Full	16.7	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.62	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.66	22.5
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.6	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.69	22.5
			LTE: 1RB_Left NR: Outer_Full	16.72	22.5
			LTE: 1RB_Left NR: Inner_Full	16.85	22.5
			LTE: 1RB_Left	16.63	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.61	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 60MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Edge_1RB_Left	22.29	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.29	22.5
			LTE: 1RB_Left NR: Outer_Full	21.51	22.5
			LTE: 1RB_Left NR: Inner_Full	21.95	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.76	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.78	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.37	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.52	22.5
			LTE: 1RB_Left NR: Outer_Full	21.59	22.5
			LTE: 1RB_Left NR: Inner_Full	22	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.98	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.02	22.5
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Edge_1RB_Left	22.4	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.39	22.5
			LTE: 1RB_Left NR: Outer_Full	21.64	22.5
			LTE: 1RB_Left NR: Inner_Full	21.98	22.5
			LTE: 1RB_Left	21.86	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.9	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	21.81	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.83	22.5
			LTE: 1RB_Left NR: Outer_Full	22	22.5
			LTE: 1RB_Left NR: Inner_Full	21.88	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.8	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.82	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	21.92	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.06	22.5
			LTE: 1RB_Left NR: Outer_Full	22.05	22.5
			LTE: 1RB_Left NR: Inner_Full	21.84	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.92	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.92	22.5
			LTE: 1RB_Left NR: Outer_Full	22.01	22.5
			LTE: 1RB_Left NR: Inner_Full	21.91	22.5
			LTE: 1RB_Left	21.9	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.91	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.86	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.84	22.5
			LTE: 1RB_Left NR: Outer_Full	20.99	22.5
			LTE: 1RB_Left NR: Inner_Full	21.94	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.87	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.92	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.99	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.09	22.5
			LTE: 1RB_Left NR: Outer_Full	21.08	22.5
			LTE: 1RB_Left NR: Inner_Full	21.92	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.11	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.9	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.98	22.5
			LTE: 1RB_Left NR: Outer_Full	20.98	22.5
			LTE: 1RB_Left NR: Inner_Full	21.92	22.5
			LTE: 1RB_Left	21.93	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.98	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.22	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.37	22.5
			LTE: 1RB_Left NR: Outer_Full	20.39	22.5
			LTE: 1RB_Left NR: Inner_Full	20.55	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.34	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.35	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.45	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.56	22.5
			LTE: 1RB_Left NR: Outer_Full	20.5	22.5
			LTE: 1RB_Left NR: Inner_Full	20.51	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.56	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.4	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.51	22.5
			LTE: 1RB_Left NR: Outer_Full	20.45	22.5
			LTE: 1RB_Left NR: Inner_Full	20.52	22.5
			LTE: 1RB_Left	20.42	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.48	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.21	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.17	22.5
			LTE: 1RB_Left NR: Outer_Full	18.54	22.5
			LTE: 1RB_Left NR: Inner_Full	18.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.12	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.17	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.28	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.41	22.5
			LTE: 1RB_Left NR: Outer_Full	18.57	22.5
			LTE: 1RB_Left NR: Inner_Full	18.43	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.3	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.43	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.28	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.35	22.5
			LTE: 1RB_Left NR: Outer_Full	18.55	22.5
			LTE: 1RB_Left NR: Inner_Full	18.45	22.5
			LTE: 1RB_Left	18.31	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.36	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.98	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.95	22.5
			LTE: 1RB_Left NR: Outer_Full	19.8	22.5
			LTE: 1RB_Left NR: Inner_Full	21.42	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.52	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.97	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.12	22.5
			LTE: 1RB_Left NR: Outer_Full	19.78	22.5
			LTE: 1RB_Left NR: Inner_Full	21.44	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.63	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.01	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.04	22.5
			LTE: 1RB_Left NR: Outer_Full	20.05	22.5
			LTE: 1RB_Left NR: Inner_Full	21.41	22.5
			LTE: 1RB_Left	21.58	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.59	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.85	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.94	22.5
			LTE: 1RB_Left NR: Outer_Full	20.04	22.5
			LTE: 1RB_Left NR: Inner_Full	20.97	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.05	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.05	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.12	22.5
			LTE: 1RB_Left NR: Outer_Full	20.05	22.5
			LTE: 1RB_Left NR: Inner_Full	20.81	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.15	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.02	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.03	22.5
			LTE: 1RB_Left NR: Outer_Full	20.01	22.5
			LTE: 1RB_Left NR: Inner_Full	21.02	22.5
			LTE: 1RB_Left	21.07	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.52	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.52	22.5
			LTE: 1RB_Left NR: Outer_Full	19.54	22.5
			LTE: 1RB_Left NR: Inner_Full	19.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.55	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.51	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.54	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.68	22.5
			LTE: 1RB_Left NR: Outer_Full	19.64	22.5
			LTE: 1RB_Left NR: Inner_Full	19.5	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.53	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.61	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.55	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.54	22.5
			LTE: 1RB_Left NR: Outer_Full	19.58	22.5
			LTE: 1RB_Left NR: Inner_Full	19.52	22.5
			LTE: 1RB_Left	19.58	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.57	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	16.26	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.21	22.5
			LTE: 1RB_Left NR: Outer_Full	16.55	22.5
			LTE: 1RB_Left NR: Inner_Full	16.54	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.26	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.3	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	16.33	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.44	22.5
			LTE: 1RB_Left NR: Outer_Full	16.6	22.5
			LTE: 1RB_Left NR: Inner_Full	16.53	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.37	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.48	22.5
		CC1:1745	LTE: 1RB_Left NR: Edge_1RB_Left	16.33	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.35	22.5
			LTE: 1RB_Left NR: Outer_Full	16.51	22.5
			LTE: 1RB_Left NR: Inner_Full	16.51	22.5
			LTE: 1RB_Left	16.37	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.37	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 70MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	22.46	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.35	22.5
			LTE: 1RB_Left NR: Outer_Full	21.6	22.5
			LTE: 1RB_Left NR: Inner_Full	22.14	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.97	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.84	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.52	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.49	22.5
			LTE: 1RB_Left NR: Outer_Full	21.7	22.5
			LTE: 1RB_Left NR: Inner_Full	21.96	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.81	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.85	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	21.62	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.41	22.5
			LTE: 1RB_Left NR: Outer_Full	21.63	22.5
			LTE: 1RB_Left NR: Inner_Full	22.13	22.5
			LTE: 1RB_Left	22.11	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.93	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	21.88	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.92	22.5
			LTE: 1RB_Left NR: Outer_Full	22.46	22.5
			LTE: 1RB_Left NR: Inner_Full	22.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.8	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.88	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.96	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22	22.5
			LTE: 1RB_Left NR: Outer_Full	22.18	22.5
			LTE: 1RB_Left NR: Inner_Full	21.91	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.84	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.84	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	22.09	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.91	22.5
			LTE: 1RB_Left NR: Outer_Full	22.17	22.5
			LTE: 1RB_Left NR: Inner_Full	22.06	22.5
			LTE: 1RB_Left	22.12	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.98	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.84	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.89	22.5
			LTE: 1RB_Left NR: Outer_Full	21.01	22.5
			LTE: 1RB_Left NR: Inner_Full	22.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.9	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.07	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.12	22.5
			LTE: 1RB_Left NR: Outer_Full	21.19	22.5
			LTE: 1RB_Left NR: Inner_Full	22.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.12	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.12	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	21.12	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.96	22.5
			LTE: 1RB_Left NR: Outer_Full	21.05	22.5
			LTE: 1RB_Left NR: Inner_Full	22.06	22.5
			LTE: 1RB_Left	22.18	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.06	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.34	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.3	22.5
			LTE: 1RB_Left NR: Outer_Full	20.9	22.5
			LTE: 1RB_Left NR: Inner_Full	20.56	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.36	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.32	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.56	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.52	22.5
			LTE: 1RB_Left NR: Outer_Full	20.68	22.5
			LTE: 1RB_Left NR: Inner_Full	20.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.47	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	20.55	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.46	22.5
			LTE: 1RB_Left NR: Outer_Full	20.6	22.5
			LTE: 1RB_Left NR: Inner_Full	20.56	22.5
			LTE: 1RB_Left	20.55	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.49	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	18.21	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.26	22.5
			LTE: 1RB_Left NR: Outer_Full	18.58	22.5
			LTE: 1RB_Left NR: Inner_Full	18.46	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.18	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.2	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.48	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.49	22.5
			LTE: 1RB_Left NR: Outer_Full	18.66	22.5
			LTE: 1RB_Left NR: Inner_Full	18.63	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.47	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.43	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	18.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.33	22.5
			LTE: 1RB_Left NR: Outer_Full	18.54	22.5
			LTE: 1RB_Left NR: Inner_Full	18.57	22.5
			LTE: 1RB_Left	18.38	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.35	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.03	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.02	22.5
			LTE: 1RB_Left NR: Outer_Full	20.24	22.5
			LTE: 1RB_Left NR: Inner_Full	21.65	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.77	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.19	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.2	22.5
			LTE: 1RB_Left NR: Outer_Full	20.23	22.5
			LTE: 1RB_Left NR: Inner_Full	21.68	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.62	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.71	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	20.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.13	22.5
			LTE: 1RB_Left NR: Outer_Full	20.15	22.5
			LTE: 1RB_Left NR: Inner_Full	21.49	22.5
			LTE: 1RB_Left	21.76	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.73	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.02	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.1	22.5
			LTE: 1RB_Left NR: Outer_Full	20.13	22.5
			LTE: 1RB_Left NR: Inner_Full	20.67	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.85	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.17	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.15	22.5
			LTE: 1RB_Left NR: Outer_Full	20.03	22.5
			LTE: 1RB_Left NR: Inner_Full	21.27	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.2	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.2	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.18	22.5
			LTE: 1RB_Left NR: Outer_Full	20.2	22.5
			LTE: 1RB_Left NR: Inner_Full	21.22	22.5
			LTE: 1RB_Left	21.15	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.96	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	19.57	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.59	22.5
			LTE: 1RB_Left NR: Outer_Full	19.6	22.5
			LTE: 1RB_Left NR: Inner_Full	19.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.66	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.61	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.68	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.65	22.5
			LTE: 1RB_Left NR: Outer_Full	19.79	22.5
			LTE: 1RB_Left NR: Inner_Full	19.77	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.61	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	19.76	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.67	22.5
			LTE: 1RB_Left NR: Outer_Full	19.57	22.5
			LTE: 1RB_Left NR: Inner_Full	19.71	22.5
			LTE: 1RB_Left	19.78	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.69	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Edge_1RB_Left	16.28	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.27	22.5
			LTE: 1RB_Left NR: Outer_Full	16.52	22.5
			LTE: 1RB_Left NR: Inner_Full	16.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.33	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.28	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.5	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.5	22.5
			LTE: 1RB_Left NR: Outer_Full	16.8	22.5
			LTE: 1RB_Left NR: Inner_Full	16.65	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.56	22.5
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Edge_1RB_Left	16.55	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.37	22.5
			LTE: 1RB_Left NR: Outer_Full	16.64	22.5
			LTE: 1RB_Left NR: Inner_Full	16.6	22.5
			LTE: 1RB_Left	16.5	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.37	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 80MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	22.45	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.43	22.5
			LTE: 1RB_Left NR: Outer_Full	21.59	22.5
			LTE: 1RB_Left NR: Inner_Full	22.07	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.98	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.9	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.52	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.58	22.5
			LTE: 1RB_Left NR: Outer_Full	21.62	22.5
			LTE: 1RB_Left NR: Inner_Full	22.21	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.08	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.55	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.62	22.5
			LTE: 1RB_Left NR: Outer_Full	21.63	22.5
			LTE: 1RB_Left NR: Inner_Full	22.17	22.5
			LTE: 1RB_Left	22.09	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.12	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	21.94	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.86	22.5
			LTE: 1RB_Left NR: Outer_Full	22.1	22.5
			LTE: 1RB_Left NR: Inner_Full	21.98	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.94	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.91	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.06	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.1	22.5
			LTE: 1RB_Left NR: Outer_Full	22.18	22.5
			LTE: 1RB_Left NR: Inner_Full	22.11	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.97	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.06	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.08	22.5
			LTE: 1RB_Left NR: Outer_Full	22.18	22.5
			LTE: 1RB_Left NR: Inner_Full	22.04	22.5
			LTE: 1RB_Left	22.04	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.12	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.97	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.96	22.5
			LTE: 1RB_Left NR: Outer_Full	21.09	22.5
			LTE: 1RB_Left NR: Inner_Full	21.89	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.92	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.1	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.15	22.5
			LTE: 1RB_Left NR: Outer_Full	21.18	22.5
			LTE: 1RB_Left NR: Inner_Full	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.12	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.98	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.03	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.08	22.5
			LTE: 1RB_Left NR: Outer_Full	21.05	22.5
			LTE: 1RB_Left NR: Inner_Full	22.01	22.5
			LTE: 1RB_Left	22.06	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.21	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.42	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.4	22.5
			LTE: 1RB_Left NR: Outer_Full	20.59	22.5
			LTE: 1RB_Left NR: Inner_Full	20.51	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.42	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.4	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.58	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.55	22.5
			LTE: 1RB_Left NR: Outer_Full	20.64	22.5
			LTE: 1RB_Left NR: Inner_Full	20.58	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.57	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.56	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.53	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.58	22.5
			LTE: 1RB_Left NR: Outer_Full	20.56	22.5
			LTE: 1RB_Left NR: Inner_Full	20.44	22.5
			LTE: 1RB_Left	20.53	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.6	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	18.29	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.27	22.5
			LTE: 1RB_Left NR: Outer_Full	18.6	22.5
			LTE: 1RB_Left NR: Inner_Full	18.57	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.24	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.26	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.45	22.5
			LTE: 1RB_Left NR: Outer_Full	18.62	22.5
			LTE: 1RB_Left NR: Inner_Full	18.65	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.47	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.38	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.39	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.43	22.5
			LTE: 1RB_Left NR: Outer_Full	18.62	22.5
			LTE: 1RB_Left NR: Inner_Full	18.53	22.5
			LTE: 1RB_Left	18.37	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.45	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	20.1	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20	22.5
			LTE: 1RB_Left NR: Outer_Full	20.08	22.5
			LTE: 1RB_Left NR: Inner_Full	21.54	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.62	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.62	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.14	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.18	22.5
			LTE: 1RB_Left NR: Outer_Full	20.17	22.5
			LTE: 1RB_Left NR: Inner_Full	21.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.73	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.78	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.23	22.5
			LTE: 1RB_Left NR: Outer_Full	20.03	22.5
			LTE: 1RB_Left NR: Inner_Full	21.83	22.5
			LTE: 1RB_Left	21.66	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.75	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	20	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.06	22.5
			LTE: 1RB_Left NR: Outer_Full	20.07	22.5
			LTE: 1RB_Left NR: Inner_Full	21.05	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.97	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.13	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.21	22.5
			LTE: 1RB_Left NR: Outer_Full	20.22	22.5
			LTE: 1RB_Left NR: Inner_Full	21.17	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.19	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.18	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.23	22.5
			LTE: 1RB_Left NR: Outer_Full	20.12	22.5
			LTE: 1RB_Left NR: Inner_Full	21.18	22.5
			LTE: 1RB_Left	21.09	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.04	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	19.61	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.53	22.5
			LTE: 1RB_Left NR: Outer_Full	19.99	22.5
			LTE: 1RB_Left NR: Inner_Full	19.54	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.57	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.73	22.5
			LTE: 1RB_Left NR: Outer_Full	19.69	22.5
			LTE: 1RB_Left NR: Inner_Full	19.66	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.7	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.81	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.79	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.79	22.5
			LTE: 1RB_Left NR: Outer_Full	19.95	22.5
			LTE: 1RB_Left NR: Inner_Full	19.63	22.5
			LTE: 1RB_Left	19.8	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.84	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Edge_1RB_Left	16.34	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.26	22.5
			LTE: 1RB_Left NR: Outer_Full	16.59	22.5
			LTE: 1RB_Left NR: Inner_Full	16.57	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.37	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.36	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.52	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.48	22.5
			LTE: 1RB_Left NR: Outer_Full	16.61	22.5
			LTE: 1RB_Left NR: Inner_Full	16.62	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.5	22.5
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.48	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.49	22.5
			LTE: 1RB_Left NR: Outer_Full	16.57	22.5
			LTE: 1RB_Left NR: Inner_Full	16.6	22.5
			LTE: 1RB_Left	16.46	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.52	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 90MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	21.51	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.36	22.5
			LTE: 1RB_Left NR: Outer_Full	21.51	22.5
			LTE: 1RB_Left NR: Inner_Full	22.14	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.92	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.78	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.6	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.73	22.5
			LTE: 1RB_Left NR: Outer_Full	22.41	22.5
			LTE: 1RB_Left NR: Inner_Full	22.17	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.1	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	21.59	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.85	22.5
			LTE: 1RB_Left NR: Outer_Full	21.7	22.5
			LTE: 1RB_Left NR: Inner_Full	22.21	22.5
			LTE: 1RB_Left	22.02	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.25	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	22.05	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.88	22.5
			LTE: 1RB_Left NR: Outer_Full	22.16	22.5
			LTE: 1RB_Left NR: Inner_Full	22.02	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.89	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.78	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	22.09	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.29	22.5
			LTE: 1RB_Left NR: Outer_Full	22.26	22.5
			LTE: 1RB_Left NR: Inner_Full	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.98	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.11	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	22.11	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.31	22.5
			LTE: 1RB_Left NR: Outer_Full	22.23	22.5
			LTE: 1RB_Left NR: Inner_Full	22.09	22.5
			LTE: 1RB_Left	22.01	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.13	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	20.94	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.83	22.5
			LTE: 1RB_Left NR: Outer_Full	21.1	22.5
			LTE: 1RB_Left NR: Inner_Full	22	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.79	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.03	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.17	22.5
			LTE: 1RB_Left NR: Outer_Full	21.17	22.5
			LTE: 1RB_Left NR: Inner_Full	22.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	22.1	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.21	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	21.03	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.23	22.5
			LTE: 1RB_Left NR: Outer_Full	21.07	22.5
			LTE: 1RB_Left NR: Inner_Full	22.08	22.5
			LTE: 1RB_Left	21.92	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.14	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	20.41	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.29	22.5
			LTE: 1RB_Left NR: Outer_Full	20.47	22.5
			LTE: 1RB_Left NR: Inner_Full	20.59	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.4	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.31	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.55	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.63	22.5
			LTE: 1RB_Left NR: Outer_Full	20.56	22.5
			LTE: 1RB_Left NR: Inner_Full	20.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.53	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.65	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	20.39	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.66	22.5
			LTE: 1RB_Left NR: Outer_Full	20.63	22.5
			LTE: 1RB_Left NR: Inner_Full	20.64	22.5
			LTE: 1RB_Left	20.54	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.67	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	18.24	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.14	22.5
			LTE: 1RB_Left NR: Outer_Full	18.59	22.5
			LTE: 1RB_Left NR: Inner_Full	18.54	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.26	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.17	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.4	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.56	22.5
			LTE: 1RB_Left NR: Outer_Full	18.61	22.5
			LTE: 1RB_Left NR: Inner_Full	18.6	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.45	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.5	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	18.31	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.38	22.5
			LTE: 1RB_Left NR: Outer_Full	18.59	22.5
			LTE: 1RB_Left NR: Inner_Full	18.55	22.5
			LTE: 1RB_Left	18.29	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.5	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	20.06	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.95	22.5
			LTE: 1RB_Left NR: Outer_Full	20.05	22.5
			LTE: 1RB_Left NR: Inner_Full	21.57	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.66	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.45	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.19	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.27	22.5
			LTE: 1RB_Left NR: Outer_Full	20.11	22.5
			LTE: 1RB_Left NR: Inner_Full	21.62	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.75	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.69	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	20.08	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.22	22.5
			LTE: 1RB_Left NR: Outer_Full	20.14	22.5
			LTE: 1RB_Left NR: Inner_Full	21.62	22.5
			LTE: 1RB_Left	21.57	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.77	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	20.06	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.96	22.5
			LTE: 1RB_Left NR: Outer_Full	20.16	22.5
			LTE: 1RB_Left NR: Inner_Full	21.06	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.1	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.95	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.11	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.28	22.5
			LTE: 1RB_Left NR: Outer_Full	20.15	22.5
			LTE: 1RB_Left NR: Inner_Full	21	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.27	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.24	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	20.07	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.34	22.5
			LTE: 1RB_Left NR: Outer_Full	20.18	22.5
			LTE: 1RB_Left NR: Inner_Full	21.05	22.5
			LTE: 1RB_Left	21.08	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.25	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	19.65	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.61	22.5
			LTE: 1RB_Left NR: Outer_Full	19.58	22.5
			LTE: 1RB_Left NR: Inner_Full	19.79	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.74	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.56	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.8	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.93	22.5
			LTE: 1RB_Left NR: Outer_Full	19.73	22.5
			LTE: 1RB_Left NR: Inner_Full	19.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.81	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.93	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	19.82	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.89	22.5
			LTE: 1RB_Left NR: Outer_Full	19.69	22.5
			LTE: 1RB_Left NR: Inner_Full	20.43	22.5
			LTE: 1RB_Left	19.79	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.85	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Edge_1RB_Left	16.32	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.24	22.5
			LTE: 1RB_Left NR: Outer_Full	16.62	22.5
			LTE: 1RB_Left NR: Inner_Full	16.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.35	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.26	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.47	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.54	22.5
			LTE: 1RB_Left NR: Outer_Full	16.68	22.5
			LTE: 1RB_Left NR: Inner_Full	16.67	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.53	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.52	22.5
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Edge_1RB_Left	16.42	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.58	22.5
			LTE: 1RB_Left NR: Outer_Full	16.57	22.5
			LTE: 1RB_Left NR: Inner_Full	16.57	22.5
			LTE: 1RB_Left	16.45	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.59	22.5

5G NR DC_66A_n41A SCS=30kHz SISO 100MHz NTNV CC1:66 CC2:n41					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	21.52	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.14	22.5
			LTE: 1RB_Left NR: Outer_Full	21.41	22.5
			LTE: 1RB_Left NR: Inner_Full	21.84	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.93	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.7	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.49	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.66	22.5
			LTE: 1RB_Left NR: Outer_Full	21.68	22.5
			LTE: 1RB_Left NR: Inner_Full	22.01	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.93	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.12	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	21.44	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.6	22.5
			LTE: 1RB_Left NR: Outer_Full	21.63	22.5
			LTE: 1RB_Left NR: Inner_Full	21.92	22.5
			LTE: 1RB_Left	21.88	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.08	22.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	21.95	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.64	22.5
			LTE: 1RB_Left NR: Outer_Full	22.03	22.5
			LTE: 1RB_Left NR: Inner_Full	21.81	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.9	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.74	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	21.94	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.21	22.5
			LTE: 1RB_Left NR: Outer_Full	22.2	22.5
			LTE: 1RB_Left NR: Inner_Full	21.99	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.89	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.15	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	21.94	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	22.08	22.5
			LTE: 1RB_Left NR: Outer_Full	22.1	22.5
			LTE: 1RB_Left NR: Inner_Full	21.9	22.5
			LTE: 1RB_Left	21.85	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.08	22.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.96	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.76	22.5
			LTE: 1RB_Left NR: Outer_Full	20.98	22.5
			LTE: 1RB_Left NR: Inner_Full	21.94	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.95	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.7	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.93	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.23	22.5
			LTE: 1RB_Left NR: Outer_Full	21.1	22.5
			LTE: 1RB_Left NR: Inner_Full	22.06	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.97	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	22.27	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	20.92	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.14	22.5
			LTE: 1RB_Left NR: Outer_Full	21.02	22.5
			LTE: 1RB_Left NR: Inner_Full	21.96	22.5
			LTE: 1RB_Left	21.81	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	22.13	22.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.43	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.23	22.5
			LTE: 1RB_Left NR: Outer_Full	20.47	22.5
			LTE: 1RB_Left NR: Inner_Full	20.48	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.41	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.21	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.44	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.68	22.5
			LTE: 1RB_Left NR: Outer_Full	20.64	22.5
			LTE: 1RB_Left NR: Inner_Full	20.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.6	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.73	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	20.36	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.62	22.5
			LTE: 1RB_Left NR: Outer_Full	20.56	22.5
			LTE: 1RB_Left NR: Inner_Full	20.52	22.5
			LTE: 1RB_Left	20.29	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.67	22.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	18.19	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.07	22.5
			LTE: 1RB_Left NR: Outer_Full	18.48	22.5
			LTE: 1RB_Left NR: Inner_Full	18.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.29	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.05	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	18.29	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.53	22.5
			LTE: 1RB_Left NR: Outer_Full	18.59	22.5
			LTE: 1RB_Left NR: Inner_Full	18.65	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.32	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.54	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	18.27	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.47	22.5
			LTE: 1RB_Left NR: Outer_Full	18.51	22.5
			LTE: 1RB_Left NR: Inner_Full	18.53	22.5
			LTE: 1RB_Left	18.22	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	18.47	22.5
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.12	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.87	22.5
			LTE: 1RB_Left NR: Outer_Full	20.01	22.5
			LTE: 1RB_Left NR: Inner_Full	21.3	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.76	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.51	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	20.07	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.34	22.5
			LTE: 1RB_Left NR: Outer_Full	20.14	22.5
			LTE: 1RB_Left NR: Inner_Full	21.38	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.73	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.83	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	20.08	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.26	22.5
			LTE: 1RB_Left NR: Outer_Full	20.12	22.5
			LTE: 1RB_Left NR: Inner_Full	21.39	22.5
			LTE: 1RB_Left	21.6	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.84	22.5
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	20.11	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.87	22.5
			LTE: 1RB_Left NR: Outer_Full	19.99	22.5
			LTE: 1RB_Left NR: Inner_Full	21.03	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.08	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.84	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.98	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.36	22.5
			LTE: 1RB_Left NR: Outer_Full	20.18	22.5
			LTE: 1RB_Left NR: Inner_Full	21.18	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.98	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.35	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	19.84	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.27	22.5
			LTE: 1RB_Left NR: Outer_Full	20.15	22.5
			LTE: 1RB_Left NR: Inner_Full	21.11	22.5
			LTE: 1RB_Left	20.9	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.25	22.5
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	19.65	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.68	22.5
			LTE: 1RB_Left NR: Outer_Full	19.58	22.5
			LTE: 1RB_Left NR: Inner_Full	19.63	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.64	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.54	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	19.66	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.73	22.5
			LTE: 1RB_Left NR: Outer_Full	19.73	22.5
			LTE: 1RB_Left NR: Inner_Full	19.61	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.58	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.82	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	19.53	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.85	22.5
			LTE: 1RB_Left NR: Outer_Full	19.83	22.5
			LTE: 1RB_Left NR: Inner_Full	19.66	22.5
			LTE: 1RB_Left	19.64	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	19.79	22.5
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Edge_1RB_Left	16.37	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.22	22.5
			LTE: 1RB_Left NR: Outer_Full	16.58	22.5
			LTE: 1RB_Left NR: Inner_Full	16.49	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.42	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.13	22.5
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Edge_1RB_Left	16.35	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.66	22.5
			LTE: 1RB_Left NR: Outer_Full	16.7	22.5
			LTE: 1RB_Left NR: Inner_Full	16.65	22.5
			LTE: 1RB_Left NR: Inner_1RB_Left	16.5	22.5
			LTE: 1RB_Left NR: Inner_1RB_Right	16.68	22.5
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Edge_1RB_Left	16.23	22.5
			LTE: 1RB_Left NR: Edge_1RB_Right	16.57	22.5
			LTE: 1RB_Left NR: Outer_Full	16.64	22.5
			LTE: 1RB_Left NR: Inner_Full	16.62	22.5
			LTE: 1RB_Left	16.42	22.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	16.57	22.5

B13_n66

5G NR DC_13A_n66A SCS=15kHz SISO 5MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.55	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.71	21.5
			LTE: 1RB_Left NR: Outer_Full	20.67	21.5
			LTE: 1RB_Left NR: Inner_Full	21.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.07	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.81	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.78	21.5
			LTE: 1RB_Left NR: Outer_Full	20.93	21.5
			LTE: 1RB_Left NR: Inner_Full	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.3	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.88	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.99	21.5
			LTE: 1RB_Left NR: Outer_Full	20.97	21.5
			LTE: 1RB_Left NR: Inner_Full	21.4	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.44	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	21.11	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.22	21.5
			LTE: 1RB_Left NR: Outer_Full	21.24	21.5
			LTE: 1RB_Left NR: Inner_Full	21.23	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.06	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.15	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	21.3	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	21.33	21.5
			LTE: 1RB_Left NR: Outer_Full	21.36	21.5
			LTE: 1RB_Left NR: Inner_Full	21.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.17	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.31	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	21.37	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.51	21.5
			LTE: 1RB_Left NR: Outer_Full	20.57	21.5
			LTE: 1RB_Left NR: Inner_Full	21.33	21.5
			LTE: 1RB_Left	21.22	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.24	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.05	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.17	21.5
			LTE: 1RB_Left NR: Outer_Full	20.24	21.5
			LTE: 1RB_Left NR: Inner_Full	21.21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.37	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.31	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.32	21.5
			LTE: 1RB_Left NR: Outer_Full	20.39	21.5
			LTE: 1RB_Left NR: Inner_Full	21.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.4	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.49	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.48	21.5
			LTE: 1RB_Left NR: Outer_Full	20.37	21.5
			LTE: 1RB_Left NR: Inner_Full	21.39	21.5
			LTE: 1RB_Left	20.55	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.49	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.51	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.65	21.5
			LTE: 1RB_Left NR: Outer_Full	19.66	21.5
			LTE: 1RB_Left NR: Inner_Full	19.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.51	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.63	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.69	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.75	21.5
			LTE: 1RB_Left NR: Outer_Full	19.8	21.5
			LTE: 1RB_Left NR: Inner_Full	19.93	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.67	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.75	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.69	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.88	21.5
			LTE: 1RB_Left NR: Outer_Full	19.79	21.5
			LTE: 1RB_Left NR: Inner_Full	20.08	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.87	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.93	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.13	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.27	21.5
			LTE: 1RB_Left NR: Outer_Full	17.63	21.5
			LTE: 1RB_Left NR: Inner_Full	17.65	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.31	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.36	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.39	21.5
			LTE: 1RB_Left NR: Outer_Full	17.81	21.5
			LTE: 1RB_Left NR: Inner_Full	17.81	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.39	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.46	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.52	21.5
			LTE: 1RB_Left NR: Outer_Full	17.95	21.5
			LTE: 1RB_Left NR: Inner_Full	17.95	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.53	21.5
			LTE: 1RB_Left	17.58	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.18	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.3	21.5
			LTE: 1RB_Left NR: Outer_Full	19.26	21.5
			LTE: 1RB_Left NR: Inner_Full	20.71	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.71	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.86	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.44	21.5
			LTE: 1RB_Left NR: Outer_Full	19.43	21.5
			LTE: 1RB_Left NR: Inner_Full	20.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.98	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.48	21.5
			LTE: 1RB_Left NR: Outer_Full	19.51	21.5
			LTE: 1RB_Left NR: Inner_Full	20.95	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.01	21.5
			LTE: 1RB_Left	21.13	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.16	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.28	21.5
			LTE: 1RB_Left NR: Outer_Full	19.34	21.5
			LTE: 1RB_Left NR: Inner_Full	20.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.17	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.33	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.34	21.5
			LTE: 1RB_Left NR: Outer_Full	19.47	21.5
			LTE: 1RB_Left NR: Inner_Full	20.27	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.45	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.49	21.5
			LTE: 1RB_Left NR: Outer_Full	19.58	21.5
			LTE: 1RB_Left NR: Inner_Full	20.4	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.51	21.5
			LTE: 1RB_Left	20.54	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.57	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.69	21.5
			LTE: 1RB_Left NR: Outer_Full	18.72	21.5
			LTE: 1RB_Left NR: Inner_Full	18.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.52	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.73	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.72	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.75	21.5
			LTE: 1RB_Left NR: Outer_Full	18.8	21.5
			LTE: 1RB_Left NR: Inner_Full	18.99	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.69	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.76	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.77	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.83	21.5
			LTE: 1RB_Left NR: Outer_Full	18.98	21.5
			LTE: 1RB_Left NR: Inner_Full	19.09	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.83	21.5
			LTE: 1RB_Left	18.88	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.25	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.45	21.5
			LTE: 1RB_Left NR: Outer_Full	15.7	21.5
			LTE: 1RB_Left NR: Inner_Full	15.77	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.4	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.54	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.54	21.5
			LTE: 1RB_Left NR: Outer_Full	15.77	21.5
			LTE: 1RB_Left NR: Inner_Full	16.01	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.52	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.56	21.5
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.6	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.54	21.5
			LTE: 1RB_Left NR: Outer_Full	15.97	21.5
			LTE: 1RB_Left NR: Inner_Full	16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.57	21.5
			LTE: 1RB_Left	15.6	21.5

			NR: Inner_1RB_Right		

5G NR DC_13A_n66A SCS=15kHz SISO 10MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm) NR	Tuneup (dBm)
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	20.64	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.74	21.5
			LTE: 1RB_Left NR: Outer_Full	20.82	21.5
			LTE: 1RB_Left NR: Inner_Full	21.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.17	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.27	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.69	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.78	21.5
			LTE: 1RB_Left NR: Outer_Full	20.97	21.5
			LTE: 1RB_Left NR: Inner_Full	21.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.31	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	20.82	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.95	21.5
			LTE: 1RB_Left NR: Outer_Full	21.01	21.5
			LTE: 1RB_Left NR: Inner_Full	21.41	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.22	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.47	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	20.18	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.3	21.5
			LTE: 1RB_Left NR: Outer_Full	20.44	21.5
			LTE: 1RB_Left NR: Inner_Full	21.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.18	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.19	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.29	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.29	21.5
			LTE: 1RB_Left NR: Outer_Full	20.41	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.23	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.3	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	20.22	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.28	21.5
			LTE: 1RB_Left NR: Outer_Full	20.5	21.5
			LTE: 1RB_Left NR: Inner_Full	21.38	21.5
			LTE: 1RB_Left	21.22	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.27	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	20.27	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.38	21.5
			LTE: 1RB_Left NR: Outer_Full	20.24	21.5
			LTE: 1RB_Left NR: Inner_Full	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.46	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.35	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.4	21.5
			LTE: 1RB_Left NR: Outer_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_Full	21.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.4	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.41	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	20.29	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.45	21.5
			LTE: 1RB_Left NR: Outer_Full	20.45	21.5
			LTE: 1RB_Left NR: Inner_Full	21.42	21.5
			LTE: 1RB_Left	21.37	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	19.62	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.65	21.5
			LTE: 1RB_Left NR: Outer_Full	19.93	21.5
			LTE: 1RB_Left NR: Inner_Full	19.78	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.56	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.79	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.7	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.79	21.5
			LTE: 1RB_Left NR: Outer_Full	19.87	21.5
			LTE: 1RB_Left NR: Inner_Full	19.76	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.74	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.8	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.88	21.5
			LTE: 1RB_Left NR: Outer_Full	19.94	21.5
			LTE: 1RB_Left NR: Inner_Full	19.96	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.74	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.91	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	17.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.48	21.5
			LTE: 1RB_Left NR: Outer_Full	17.8	21.5
			LTE: 1RB_Left NR: Inner_Full	17.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.4	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.47	21.5
			LTE: 1RB_Left NR: Outer_Full	17.85	21.5
			LTE: 1RB_Left NR: Inner_Full	17.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.46	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.49	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	17.54	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.56	21.5
			LTE: 1RB_Left NR: Outer_Full	17.96	21.5
			LTE: 1RB_Left NR: Inner_Full	17.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.48	21.5
			LTE: 1RB_Left	17.6	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	19.27	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.44	21.5
			LTE: 1RB_Left NR: Outer_Full	19.32	21.5
			LTE: 1RB_Left NR: Inner_Full	20.91	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.9	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.43	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.42	21.5
			LTE: 1RB_Left NR: Outer_Full	19.32	21.5
			LTE: 1RB_Left NR: Inner_Full	20.88	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.92	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.99	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	19.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.59	21.5
			LTE: 1RB_Left NR: Outer_Full	19.42	21.5
			LTE: 1RB_Left NR: Inner_Full	21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.92	21.5
			LTE: 1RB_Left	21.13	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	19.25	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.34	21.5
			LTE: 1RB_Left NR: Outer_Full	19.3	21.5
			LTE: 1RB_Left NR: Inner_Full	20.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.36	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.31	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.36	21.5
			LTE: 1RB_Left NR: Outer_Full	19.33	21.5
			LTE: 1RB_Left NR: Inner_Full	20.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.4	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	19.38	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.54	21.5
			LTE: 1RB_Left NR: Outer_Full	19.42	21.5
			LTE: 1RB_Left NR: Inner_Full	20.42	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.42	21.5
			LTE: 1RB_Left	20.48	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	18.65	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.75	21.5
			LTE: 1RB_Left NR: Outer_Full	18.88	21.5
			LTE: 1RB_Left NR: Inner_Full	18.92	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.6	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.77	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.65	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.7	21.5
			LTE: 1RB_Left NR: Outer_Full	18.93	21.5
			LTE: 1RB_Left NR: Inner_Full	18.92	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.71	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.72	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	18.79	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.86	21.5
			LTE: 1RB_Left NR: Outer_Full	18.98	21.5
			LTE: 1RB_Left NR: Inner_Full	19.1	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.82	21.5
			LTE: 1RB_Left	18.89	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Edge_1RB_Left	15.43	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.49	21.5
			LTE: 1RB_Left NR: Outer_Full	15.77	21.5
			LTE: 1RB_Left NR: Inner_Full	15.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.5	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.38	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.45	21.5
			LTE: 1RB_Left NR: Outer_Full	15.8	21.5
			LTE: 1RB_Left NR: Inner_Full	15.84	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.53	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.47	21.5
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Edge_1RB_Left	15.58	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.6	21.5
			LTE: 1RB_Left NR: Outer_Full	15.95	21.5
			LTE: 1RB_Left NR: Inner_Full	15.97	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.62	21.5
			LTE: 1RB_Left	15.63	21.5

			NR: Inner_1RB_Right		

5G NR DC_13A_n66A SCS=15kHz SISO 15MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm) NR	Tuneup (dBm)
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.86	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.88	21.5
			LTE: 1RB_Left NR: Outer_Full	20.94	21.5
			LTE: 1RB_Left NR: Inner_Full	21.48	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.37	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.8	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.77	21.5
			LTE: 1RB_Left NR: Outer_Full	20.95	21.5
			LTE: 1RB_Left NR: Inner_Full	21.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.29	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.68	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.72	21.5
			LTE: 1RB_Left NR: Outer_Full	20.91	21.5
			LTE: 1RB_Left NR: Inner_Full	21.35	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.25	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.42	21.5
			LTE: 1RB_Left NR: Outer_Full	20.46	21.5
			LTE: 1RB_Left NR: Inner_Full	21.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.25	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.37	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.26	21.5
			LTE: 1RB_Left NR: Outer_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_Full	21.21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.27	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.33	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.19	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.18	21.5
			LTE: 1RB_Left NR: Outer_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_Full	21.29	21.5
			LTE: 1RB_Left	21.22	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.18	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.41	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.58	21.5
			LTE: 1RB_Left NR: Outer_Full	20.51	21.5
			LTE: 1RB_Left NR: Inner_Full	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.4	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.5	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.45	21.5
			LTE: 1RB_Left NR: Outer_Full	20.33	21.5
			LTE: 1RB_Left NR: Inner_Full	21.23	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.42	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.36	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.4	21.5
			LTE: 1RB_Left NR: Outer_Full	20.36	21.5
			LTE: 1RB_Left NR: Inner_Full	21.22	21.5
			LTE: 1RB_Left	21.28	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.89	21.5
			LTE: 1RB_Left NR: Outer_Full	19.99	21.5
			LTE: 1RB_Left NR: Inner_Full	19.99	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.7	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.81	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.8	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.77	21.5
			LTE: 1RB_Left NR: Outer_Full	19.89	21.5
			LTE: 1RB_Left NR: Inner_Full	19.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.76	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.69	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.77	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.72	21.5
			LTE: 1RB_Left NR: Outer_Full	19.88	21.5
			LTE: 1RB_Left NR: Inner_Full	19.84	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.71	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.74	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.53	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.52	21.5
			LTE: 1RB_Left NR: Outer_Full	17.91	21.5
			LTE: 1RB_Left NR: Inner_Full	17.97	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.57	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.64	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.47	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.45	21.5
			LTE: 1RB_Left NR: Outer_Full	17.87	21.5
			LTE: 1RB_Left NR: Inner_Full	17.73	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.53	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.48	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.34	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.37	21.5
			LTE: 1RB_Left NR: Outer_Full	17.79	21.5
			LTE: 1RB_Left NR: Inner_Full	17.65	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.34	21.5
			LTE: 1RB_Left	17.5	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.52	21.5
			LTE: 1RB_Left NR: Outer_Full	19.45	21.5
			LTE: 1RB_Left NR: Inner_Full	20.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.01	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.12	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.46	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.4	21.5
			LTE: 1RB_Left NR: Outer_Full	19.28	21.5
			LTE: 1RB_Left NR: Inner_Full	20.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.03	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.02	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.38	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.33	21.5
			LTE: 1RB_Left NR: Outer_Full	19.2	21.5
			LTE: 1RB_Left NR: Inner_Full	20.75	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.89	21.5
			LTE: 1RB_Left	20.98	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.53	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.48	21.5
			LTE: 1RB_Left NR: Outer_Full	19.4	21.5
			LTE: 1RB_Left NR: Inner_Full	20.5	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.46	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.49	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.39	21.5
			LTE: 1RB_Left NR: Outer_Full	19.35	21.5
			LTE: 1RB_Left NR: Inner_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.42	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.36	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.39	21.5
			LTE: 1RB_Left NR: Outer_Full	19.24	21.5
			LTE: 1RB_Left NR: Inner_Full	20.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.23	21.5
			LTE: 1RB_Left	20.38	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.86	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.8	21.5
			LTE: 1RB_Left NR: Outer_Full	18.95	21.5
			LTE: 1RB_Left NR: Inner_Full	19.02	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.91	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.83	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.71	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.76	21.5
			LTE: 1RB_Left NR: Outer_Full	18.89	21.5
			LTE: 1RB_Left NR: Inner_Full	18.88	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.75	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.81	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.68	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.64	21.5
			LTE: 1RB_Left NR: Outer_Full	18.78	21.5
			LTE: 1RB_Left NR: Inner_Full	18.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.66	21.5
			LTE: 1RB_Left	18.69	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.6	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.64	21.5
			LTE: 1RB_Left NR: Outer_Full	15.99	21.5
			LTE: 1RB_Left NR: Inner_Full	15.98	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.55	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.69	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.49	21.5
			LTE: 1RB_Left NR: Outer_Full	15.82	21.5
			LTE: 1RB_Left NR: Inner_Full	15.75	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.47	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.54	21.5
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.45	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.57	21.5
			LTE: 1RB_Left NR: Outer_Full	15.9	21.5
			LTE: 1RB_Left NR: Inner_Full	15.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.52	21.5
			LTE: 1RB_Left	15.52	21.5

			NR: Inner_1RB_Right		

5G NR DC_13A_n66A SCS=15kHz SISO 20MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	20.78	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.79	21.5
			LTE: 1RB_Left NR: Outer_Full	20.99	21.5
			LTE: 1RB_Left NR: Inner_Full	20.53	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.3	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.39	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.68	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.74	21.5
			LTE: 1RB_Left NR: Outer_Full	20.94	21.5
			LTE: 1RB_Left NR: Inner_Full	21.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.36	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	20.67	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.74	21.5
			LTE: 1RB_Left NR: Outer_Full	20.83	21.5
			LTE: 1RB_Left NR: Inner_Full	21.42	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.26	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	20.22	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.33	21.5
			LTE: 1RB_Left NR: Outer_Full	20.48	21.5
			LTE: 1RB_Left NR: Inner_Full	21.48	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.31	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.15	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.27	21.5
			LTE: 1RB_Left NR: Outer_Full	20.36	21.5
			LTE: 1RB_Left NR: Inner_Full	21.18	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.18	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.28	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	20.18	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.16	21.5
			LTE: 1RB_Left NR: Outer_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_Full	21.35	21.5
			LTE: 1RB_Left	21.09	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.18	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	20.37	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.49	21.5
			LTE: 1RB_Left NR: Outer_Full	20.4	21.5
			LTE: 1RB_Left NR: Inner_Full	21.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.35	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.43	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.35	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.36	21.5
			LTE: 1RB_Left NR: Outer_Full	20.36	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.26	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.35	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	20.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.32	21.5
			LTE: 1RB_Left NR: Outer_Full	20.26	21.5
			LTE: 1RB_Left NR: Inner_Full	21.29	21.5
			LTE: 1RB_Left	21.22	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.29	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	19.69	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.87	21.5
			LTE: 1RB_Left NR: Outer_Full	19.93	21.5
			LTE: 1RB_Left NR: Inner_Full	19.95	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.78	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.87	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.68	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.75	21.5
			LTE: 1RB_Left NR: Outer_Full	19.85	21.5
			LTE: 1RB_Left NR: Inner_Full	19.9	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.73	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.78	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	19.7	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.75	21.5
			LTE: 1RB_Left NR: Outer_Full	19.85	21.5
			LTE: 1RB_Left NR: Inner_Full	19.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.65	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.68	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	17.47	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.54	21.5
			LTE: 1RB_Left NR: Outer_Full	17.94	21.5
			LTE: 1RB_Left NR: Inner_Full	17.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.52	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.54	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.41	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.45	21.5
			LTE: 1RB_Left NR: Outer_Full	17.88	21.5
			LTE: 1RB_Left NR: Inner_Full	17.75	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.38	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.49	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	17.39	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.44	21.5
			LTE: 1RB_Left NR: Outer_Full	17.8	21.5
			LTE: 1RB_Left NR: Inner_Full	17.73	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.27	21.5
			LTE: 1RB_Left	17.43	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	19.39	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.5	21.5
			LTE: 1RB_Left NR: Outer_Full	19.54	21.5
			LTE: 1RB_Left NR: Inner_Full	20.88	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.04	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.34	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.4	21.5
			LTE: 1RB_Left NR: Outer_Full	19.33	21.5
			LTE: 1RB_Left NR: Inner_Full	20.83	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.87	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	19.3	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.48	21.5
			LTE: 1RB_Left NR: Outer_Full	19.32	21.5
			LTE: 1RB_Left NR: Inner_Full	20.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.82	21.5
			LTE: 1RB_Left	20.85	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	19.44	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.4	21.5
			LTE: 1RB_Left NR: Outer_Full	19.36	21.5
			LTE: 1RB_Left NR: Inner_Full	20.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.38	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.36	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.26	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.33	21.5
			LTE: 1RB_Left NR: Outer_Full	19.31	21.5
			LTE: 1RB_Left NR: Inner_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.25	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.32	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	19.28	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.31	21.5
			LTE: 1RB_Left NR: Outer_Full	19.22	21.5
			LTE: 1RB_Left NR: Inner_Full	20.36	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.23	21.5
			LTE: 1RB_Left	20.27	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	18.72	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.76	21.5
			LTE: 1RB_Left NR: Outer_Full	18.94	21.5
			LTE: 1RB_Left NR: Inner_Full	18.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.76	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.7	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.59	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.69	21.5
			LTE: 1RB_Left NR: Outer_Full	18.87	21.5
			LTE: 1RB_Left NR: Inner_Full	18.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.64	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.66	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	18.58	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.64	21.5
			LTE: 1RB_Left NR: Outer_Full	18.82	21.5
			LTE: 1RB_Left NR: Inner_Full	18.86	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.57	21.5
			LTE: 1RB_Left	18.6	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Edge_1RB_Left	15.47	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.57	21.5
			LTE: 1RB_Left NR: Outer_Full	15.95	21.5
			LTE: 1RB_Left NR: Inner_Full	15.98	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.46	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.39	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.48	21.5
			LTE: 1RB_Left NR: Outer_Full	15.87	21.5
			LTE: 1RB_Left NR: Inner_Full	15.76	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.36	21.5
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Edge_1RB_Left	15.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.54	21.5
			LTE: 1RB_Left NR: Outer_Full	15.83	21.5
			LTE: 1RB_Left NR: Inner_Full	15.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.38	21.5
			LTE: 1RB_Left	15.41	21.5

			NR: Inner_1RB_Right		

5G NR DC_13A_n66A SCS=15kHz SISO 25MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.56	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.82	21.5
			LTE: 1RB_Left NR: Outer_Full	20.76	21.5
			LTE: 1RB_Left NR: Inner_Full	21.3	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.03	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.32	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.74	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.9	21.5
			LTE: 1RB_Left NR: Outer_Full	20.85	21.5
			LTE: 1RB_Left NR: Inner_Full	21.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.48	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.88	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.87	21.5
			LTE: 1RB_Left NR: Outer_Full	20.95	21.5
			LTE: 1RB_Left NR: Inner_Full	21.41	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.46	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.1	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.36	21.5
			LTE: 1RB_Left NR: Outer_Full	20.33	21.5
			LTE: 1RB_Left NR: Inner_Full	21.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.05	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.26	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.38	21.5
			LTE: 1RB_Left NR: Outer_Full	20.37	21.5
			LTE: 1RB_Left NR: Inner_Full	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.33	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.39	21.5
			LTE: 1RB_Left NR: Outer_Full	20.47	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left	21.22	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.43	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.13	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.44	21.5
			LTE: 1RB_Left NR: Outer_Full	20.26	21.5
			LTE: 1RB_Left NR: Inner_Full	21.24	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.39	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.51	21.5
			LTE: 1RB_Left NR: Outer_Full	20.34	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.44	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	20.34	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.49	21.5
			LTE: 1RB_Left NR: Outer_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_Full	21.19	21.5
			LTE: 1RB_Left	21.43	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.54	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.49	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.79	21.5
			LTE: 1RB_Left NR: Outer_Full	19.76	21.5
			LTE: 1RB_Left NR: Inner_Full	19.77	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.55	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.82	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.75	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.83	21.5
			LTE: 1RB_Left NR: Outer_Full	19.84	21.5
			LTE: 1RB_Left NR: Inner_Full	19.84	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.97	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.76	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.83	21.5
			LTE: 1RB_Left NR: Outer_Full	19.93	21.5
			LTE: 1RB_Left NR: Inner_Full	19.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.7	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.87	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.2	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.48	21.5
			LTE: 1RB_Left NR: Outer_Full	17.79	21.5
			LTE: 1RB_Left NR: Inner_Full	17.72	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.49	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.55	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.58	21.5
			LTE: 1RB_Left NR: Outer_Full	17.81	21.5
			LTE: 1RB_Left NR: Inner_Full	17.8	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.51	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.59	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	17.53	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.61	21.5
			LTE: 1RB_Left NR: Outer_Full	17.89	21.5
			LTE: 1RB_Left NR: Inner_Full	17.81	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.57	21.5
			LTE: 1RB_Left	17.54	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.56	21.5
			LTE: 1RB_Left NR: Outer_Full	19.25	21.5
			LTE: 1RB_Left NR: Inner_Full	20.91	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.7	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.01	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.47	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.59	21.5
			LTE: 1RB_Left NR: Outer_Full	19.36	21.5
			LTE: 1RB_Left NR: Inner_Full	20.91	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.96	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.12	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.57	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.53	21.5
			LTE: 1RB_Left NR: Outer_Full	19.43	21.5
			LTE: 1RB_Left NR: Inner_Full	20.99	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.92	21.5
			LTE: 1RB_Left	21.02	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.3	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.48	21.5
			LTE: 1RB_Left NR: Outer_Full	19.31	21.5
			LTE: 1RB_Left NR: Inner_Full	20.23	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.42	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.4	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.62	21.5
			LTE: 1RB_Left NR: Outer_Full	19.36	21.5
			LTE: 1RB_Left NR: Inner_Full	20.34	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.51	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	19.4	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.55	21.5
			LTE: 1RB_Left NR: Outer_Full	19.5	21.5
			LTE: 1RB_Left NR: Inner_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.33	21.5
			LTE: 1RB_Left	20.44	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.75	21.5
			LTE: 1RB_Left NR: Outer_Full	18.84	21.5
			LTE: 1RB_Left NR: Inner_Full	18.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.57	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.76	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.76	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.88	21.5
			LTE: 1RB_Left NR: Outer_Full	18.85	21.5
			LTE: 1RB_Left NR: Inner_Full	18.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.77	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.9	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	18.83	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.84	21.5
			LTE: 1RB_Left NR: Outer_Full	18.97	21.5
			LTE: 1RB_Left NR: Inner_Full	18.95	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.87	21.5
			LTE: 1RB_Left	18.89	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.28	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.6	21.5
			LTE: 1RB_Left NR: Outer_Full	15.79	21.5
			LTE: 1RB_Left NR: Inner_Full	15.77	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.61	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.58	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.66	21.5
			LTE: 1RB_Left NR: Outer_Full	15.9	21.5
			LTE: 1RB_Left NR: Inner_Full	15.97	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.58	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.68	21.5
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Edge_1RB_Left	15.7	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.68	21.5
			LTE: 1RB_Left NR: Outer_Full	15.93	21.5
			LTE: 1RB_Left NR: Inner_Full	15.92	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.64	21.5
			LTE: 1RB_Left	15.64	21.5

			NR: Inner_1RB_Right		

5G NR DC_13A_n66A SCS=15kHz SISO 30MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	20.6	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.9	21.5
			LTE: 1RB_Left NR: Outer_Full	20.96	21.5
			LTE: 1RB_Left NR: Inner_Full	21.44	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.31	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.79	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.91	21.5
			LTE: 1RB_Left NR: Outer_Full	20.91	21.5
			LTE: 1RB_Left NR: Inner_Full	21.39	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.36	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	20.7	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.85	21.5
			LTE: 1RB_Left NR: Outer_Full	20.96	21.5
			LTE: 1RB_Left NR: Inner_Full	21.46	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.43	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	20.09	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.21	21.5
			LTE: 1RB_Left NR: Outer_Full	20.48	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.13	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.3	21.5
			LTE: 1RB_Left NR: Outer_Full	20.4	21.5
			LTE: 1RB_Left NR: Inner_Full	21.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.25	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.27	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	20.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.36	21.5
			LTE: 1RB_Left NR: Outer_Full	20.41	21.5
			LTE: 1RB_Left NR: Inner_Full	21.44	21.5
			LTE: 1RB_Left	21.25	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.34	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	20.29	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.38	21.5
			LTE: 1RB_Left NR: Outer_Full	20.2	21.5
			LTE: 1RB_Left NR: Inner_Full	21.3	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.27	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.45	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.38	21.5
			LTE: 1RB_Left NR: Outer_Full	20.39	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.41	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.48	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	20.35	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.44	21.5
			LTE: 1RB_Left NR: Outer_Full	20.32	21.5
			LTE: 1RB_Left NR: Inner_Full	21.25	21.5
			LTE: 1RB_Left	21.4	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	20.54	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	19.56	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.72	21.5
			LTE: 1RB_Left NR: Outer_Full	19.8	21.5
			LTE: 1RB_Left NR: Inner_Full	19.86	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.57	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.76	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.73	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.77	21.5
			LTE: 1RB_Left NR: Outer_Full	19.84	21.5
			LTE: 1RB_Left NR: Inner_Full	19.85	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.81	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	19.77	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.85	21.5
			LTE: 1RB_Left NR: Outer_Full	19.91	21.5
			LTE: 1RB_Left NR: Inner_Full	19.86	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.71	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.82	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	17.35	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.58	21.5
			LTE: 1RB_Left NR: Outer_Full	17.82	21.5
			LTE: 1RB_Left NR: Inner_Full	17.85	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.59	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.46	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.68	21.5
			LTE: 1RB_Left NR: Outer_Full	17.87	21.5
			LTE: 1RB_Left NR: Inner_Full	17.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.51	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.61	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	17.48	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.6	21.5
			LTE: 1RB_Left NR: Outer_Full	17.88	21.5
			LTE: 1RB_Left NR: Inner_Full	17.94	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.5	21.5
			LTE: 1RB_Left	17.64	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	19.29	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.53	21.5
			LTE: 1RB_Left NR: Outer_Full	19.32	21.5
			LTE: 1RB_Left NR: Inner_Full	20.88	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.92	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.46	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.56	21.5
			LTE: 1RB_Left NR: Outer_Full	19.4	21.5
			LTE: 1RB_Left NR: Inner_Full	20.84	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.99	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.15	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	19.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.51	21.5
			LTE: 1RB_Left NR: Outer_Full	19.42	21.5
			LTE: 1RB_Left NR: Inner_Full	20.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.89	21.5
			LTE: 1RB_Left	21.13	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	19.21	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.31	21.5
			LTE: 1RB_Left NR: Outer_Full	19.39	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.33	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.41	21.5
			LTE: 1RB_Left NR: Outer_Full	19.31	21.5
			LTE: 1RB_Left NR: Inner_Full	20.28	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.3	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.34	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	19.37	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.44	21.5
			LTE: 1RB_Left NR: Outer_Full	19.35	21.5
			LTE: 1RB_Left NR: Inner_Full	20.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.32	21.5
			LTE: 1RB_Left	20.38	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	18.63	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.81	21.5
			LTE: 1RB_Left NR: Outer_Full	18.94	21.5
			LTE: 1RB_Left NR: Inner_Full	18.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.6	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.83	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.7	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.79	21.5
			LTE: 1RB_Left NR: Outer_Full	18.91	21.5
			LTE: 1RB_Left NR: Inner_Full	18.92	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.76	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.85	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	18.78	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.83	21.5
			LTE: 1RB_Left NR: Outer_Full	18.96	21.5
			LTE: 1RB_Left NR: Inner_Full	19.04	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.74	21.5
			LTE: 1RB_Left	18.88	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Edge_1RB_Left	15.43	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.68	21.5
			LTE: 1RB_Left NR: Outer_Full	15.88	21.5
			LTE: 1RB_Left NR: Inner_Full	15.85	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.59	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.52	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.68	21.5
			LTE: 1RB_Left NR: Outer_Full	16.01	21.5
			LTE: 1RB_Left NR: Inner_Full	15.91	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.48	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.72	21.5
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Edge_1RB_Left	15.51	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.67	21.5
			LTE: 1RB_Left NR: Outer_Full	15.99	21.5
			LTE: 1RB_Left NR: Inner_Full	15.98	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.55	21.5
			LTE: 1RB_Left	15.72	21.5

			NR: Inner_1RB_Right		

5G NR DC_13A_n66A SCS=15kHz SISO 40MHz NTNV CC1:13 CC2:n66					
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	Tuneup (dBm)
				NR	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	20.56	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.72	21.5
			LTE: 1RB_Left NR: Outer_Full	20.77	21.5
			LTE: 1RB_Left NR: Inner_Full	21.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.99	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.16	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.64	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.85	21.5
			LTE: 1RB_Left NR: Outer_Full	20.83	21.5
			LTE: 1RB_Left NR: Inner_Full	21.43	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.22	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	20.6	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.85	21.5
			LTE: 1RB_Left NR: Outer_Full	20.82	21.5
			LTE: 1RB_Left NR: Inner_Full	21.44	21.5

			LTE: 1RB_Left NR: Inner_1RB_Left	21.17	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.36	21.5
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	20.01	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.12	21.5
			LTE: 1RB_Left NR: Outer_Full	20.34	21.5
			LTE: 1RB_Left NR: Inner_Full	21.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.2	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.11	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.23	21.5
			LTE: 1RB_Left NR: Outer_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_Full	21.33	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.2	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.19	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	20.14	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.3	21.5
			LTE: 1RB_Left NR: Outer_Full	20.38	21.5
			LTE: 1RB_Left NR: Inner_Full	21.34	21.5
			LTE: 1RB_Left	21.13	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.27	21.5
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	20.16	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.35	21.5
			LTE: 1RB_Left NR: Outer_Full	20.29	21.5
			LTE: 1RB_Left NR: Inner_Full	21.17	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.09	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.3	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	20.33	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.33	21.5
			LTE: 1RB_Left NR: Outer_Full	20.3	21.5
			LTE: 1RB_Left NR: Inner_Full	21.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	21.32	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	21.29	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	20.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	20.42	21.5
			LTE: 1RB_Left NR: Outer_Full	20.31	21.5
			LTE: 1RB_Left NR: Inner_Full	21.28	21.5
			LTE: 1RB_Left	21.29	21.5

			NR: Inner_1RB_Left		
			LTE: 1RB_Left NR: Inner_1RB_Right	21.47	21.5
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	19.5	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.61	21.5
			LTE: 1RB_Left NR: Outer_Full	19.83	21.5
			LTE: 1RB_Left NR: Inner_Full	19.86	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.45	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.63	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.79	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.62	21.5
			LTE: 1RB_Left NR: Outer_Full	19.83	21.5
			LTE: 1RB_Left NR: Inner_Full	19.85	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.63	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	19.74	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	19.66	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.76	21.5
			LTE: 1RB_Left NR: Outer_Full	19.81	21.5
			LTE: 1RB_Left NR: Inner_Full	19.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	19.62	21.5

			LTE: 1RB_Left NR: Inner_1RB_Right	19.82	21.5
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	17.19	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.48	21.5
			LTE: 1RB_Left NR: Outer_Full	17.85	21.5
			LTE: 1RB_Left NR: Inner_Full	17.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.44	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	17.34	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.48	21.5
			LTE: 1RB_Left NR: Outer_Full	17.88	21.5
			LTE: 1RB_Left NR: Inner_Full	17.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.29	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	17.5	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	17.28	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	17.51	21.5
			LTE: 1RB_Left NR: Outer_Full	17.82	21.5
			LTE: 1RB_Left NR: Inner_Full	17.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	17.31	21.5
			LTE: 1RB_Left	17.55	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	19.16	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.32	21.5
			LTE: 1RB_Left NR: Outer_Full	19.45	21.5
			LTE: 1RB_Left NR: Inner_Full	20.81	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.65	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.84	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.42	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.48	21.5
			LTE: 1RB_Left NR: Outer_Full	19.46	21.5
			LTE: 1RB_Left NR: Inner_Full	20.82	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.93	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.91	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	19.26	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.46	21.5
			LTE: 1RB_Left NR: Outer_Full	19.47	21.5
			LTE: 1RB_Left NR: Inner_Full	20.79	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.85	21.5
			LTE: 1RB_Left	21	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	19.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.32	21.5
			LTE: 1RB_Left NR: Outer_Full	19.36	21.5
			LTE: 1RB_Left NR: Inner_Full	20.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.16	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.28	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	19.24	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.36	21.5
			LTE: 1RB_Left NR: Outer_Full	19.29	21.5
			LTE: 1RB_Left NR: Inner_Full	20.35	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	20.39	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	19.31	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	19.44	21.5
			LTE: 1RB_Left NR: Outer_Full	19.26	21.5
			LTE: 1RB_Left NR: Inner_Full	20.31	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	20.22	21.5
			LTE: 1RB_Left	20.39	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	18.58	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.77	21.5
			LTE: 1RB_Left NR: Outer_Full	18.94	21.5
			LTE: 1RB_Left NR: Inner_Full	18.89	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.52	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.67	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	18.59	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.71	21.5
			LTE: 1RB_Left NR: Outer_Full	18.9	21.5
			LTE: 1RB_Left NR: Inner_Full	18.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.63	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	18.74	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	18.59	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	18.72	21.5
			LTE: 1RB_Left NR: Outer_Full	18.84	21.5
			LTE: 1RB_Left NR: Inner_Full	18.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	18.64	21.5
			LTE: 1RB_Left	18.78	21.5

			NR: Inner_1RB_Right		
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Edge_1RB_Left	15.16	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.49	21.5
			LTE: 1RB_Left NR: Outer_Full	15.87	21.5
			LTE: 1RB_Left NR: Inner_Full	15.87	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.19	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.48	21.5
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Edge_1RB_Left	15.32	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.51	21.5
			LTE: 1RB_Left NR: Outer_Full	15.92	21.5
			LTE: 1RB_Left NR: Inner_Full	15.91	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.37	21.5
			LTE: 1RB_Left NR: Inner_1RB_Right	15.57	21.5
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Edge_1RB_Left	15.26	21.5
			LTE: 1RB_Left NR: Edge_1RB_Right	15.53	21.5
			LTE: 1RB_Left NR: Outer_Full	15.91	21.5
			LTE: 1RB_Left NR: Inner_Full	15.92	21.5
			LTE: 1RB_Left NR: Inner_1RB_Left	15.34	21.5
			LTE: 1RB_Left	15.6	21.5

			NR: Inner_1RB_Right		

Bluetooth

SISO1

BT

Ant7

Modulation type	Conducted Average Power(dBm)			Tune up (dBm)
	2402MHz	2441MHz	2480MHz	
GFSK(DH5)	15.26	15.90	15.93	16.00
π/4DQPSK(2DH5)	15.15	15.29	15.32	16.00
8DPSK(3DH5)	15.16	15.23	15.23	16.00

Ant3

Modulation type	Conducted Average Power(dBm)			Tune up (dBm)
	2402MHz	2441MHz	2480MHz	
GFSK(DH5)	15.27	15.54	15.63	16.00
π/4DQPSK(2DH5)	15.20	15.21	15.30	16.00
8DPSK(3DH5)	15.15	15.11	15.22	16.00

BLE

Ant7

Modulation type	Conducted Average Power(dBm)			Tune-up
	2402MHz	2440MHz	2480MHz	
GFSK (LE 1Mbps)	7.27	7.70	7.14	9.00
GFSK (LE 2Mbps)	7.35	7.45	7.01	9.00
Coded 125K	8.09	8.40	8.01	9.00
Coded 500K	8.94	8.89	8.61	9.00

Ant3

Modulation type	Conducted Average Power(dBm)			Tune-up
	2402MHz	2440MHz	2480MHz	
GFSK (LE 1Mbps)	8.10	8.77	8.53	9.00
GFSK (LE 2Mbps)	7.49	7.17	7.53	9.00
Coded 125K	8.12	8.83	8.34	9.00
Coded 500K	8.48	8.01	8.44	9.00

WIFI

Note: Exclusion method based on TUNE UP is not applied for the WIFI, SRTC perform SAR measurement.

Unlicensed Full Power

WLAN 2.4GHz

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Average power output (dBm)	Tune up (dBm)
802.11b	NA	2412	Ant7	11.64	12.0
802.11b	NA	2412	Ant3	11.49	12.0
802.11b	NA	2437	Ant7	11.51	12.0
802.11b	NA	2437	Ant3	11.18	12.0
802.11b	NA	2462	Ant7	11.85	12.0
802.11b	NA	2462	Ant3	11.64	12.0
802.11g	NA	2412	Ant7	11.83	12.0
802.11g	NA	2412	Ant3	11.58	12.0
802.11g	NA	2437	Ant7	11.85	12.0
802.11g	NA	2437	Ant3	11.52	12.0
802.11g	NA	2462	Ant7	11.54	12.0
802.11g	NA	2462	Ant3	11.84	12.0
802.11n HT20	NA	2412	Ant7	11.65	12.0
802.11n HT20	NA	2412	Ant3	11.41	12.0
802.11n HT20	NA	2412	MIMO	14.54	15.0
802.11n HT20	NA	2437	Ant7	11.39	12.0
802.11n HT20	NA	2437	Ant3	11.05	12.0
802.11n HT20	NA	2437	MIMO	14.23	15.0
802.11n HT20	NA	2462	Ant7	11.84	12.0
802.11n HT20	NA	2462	Ant3	11.33	12.0
802.11n HT20	NA	2462	MIMO	14.60	15.0
802.11n HT40	NA	2422	Ant7	11.60	12.0
802.11n HT40	NA	2422	Ant3	11.35	12.0
802.11n HT40	NA	2422	MIMO	14.49	15.0
802.11n HT40	NA	2437	Ant7	11.51	12.0
802.11n HT40	NA	2437	Ant3	11.31	12.0
802.11n HT40	NA	2437	MIMO	14.42	15.0
802.11n HT40	NA	2452	Ant7	11.64	12.0
802.11n HT40	NA	2452	Ant3	11.37	12.0
802.11n HT40	NA	2452	MIMO	14.52	15.0

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Average power output (dBm)	Tune up (dBm)
802.11ax HE20	26T+0	2412	Ant7	2.45	3.0
802.11ax HE20	26T+0	2412	Ant3	1.78	3.0
802.11ax HE20	26T+0	2412	MIMO	5.14	6.0
802.11ax HE20	26T+0	2437	Ant7	2.33	3.0
802.11ax HE20	26T+0	2437	Ant3	1.71	3.0
802.11ax HE20	26T+0	2437	MIMO	5.04	6.0

802.11ax HE20	26T+0	2462	Ant7	2.24	3.0
802.11ax HE20	26T+0	2462	Ant3	1.69	3.0
802.11ax HE20	26T+0	2462	MIMO	4.98	6.0
802.11ax HE20	26T+4	2412	Ant7	2.71	3.0
802.11ax HE20	26T+4	2412	Ant3	2.17	3.0
802.11ax HE20	26T+4	2412	MIMO	5.46	6.0
802.11ax HE20	26T+4	2437	Ant7	2.68	3.0
802.11ax HE20	26T+4	2437	Ant3	2.11	3.0
802.11ax HE20	26T+4	2437	MIMO	5.41	6.0
802.11ax HE20	26T+4	2462	Ant7	2.86	3.0
802.11ax HE20	26T+4	2462	Ant3	2.35	3.0
802.11ax HE20	26T+4	2462	MIMO	5.62	6.0
802.11ax HE20	26T+8	2412	Ant7	2.84	3.0
802.11ax HE20	26T+8	2412	Ant3	2.33	3.0
802.11ax HE20	26T+8	2412	MIMO	5.60	6.0
802.11ax HE20	26T+8	2437	Ant7	2.78	3.0
802.11ax HE20	26T+8	2437	Ant3	2.30	3.0
802.11ax HE20	26T+8	2437	MIMO	5.56	6.0
802.11ax HE20	26T+8	2462	Ant7	2.76	3.0
802.11ax HE20	26T+8	2462	Ant3	2.60	3.0
802.11ax HE20	26T+8	2462	MIMO	5.69	6.0
802.11ax HE20	52T+37	2412	Ant7	5.51	6.0
802.11ax HE20	52T+37	2412	Ant3	4.91	6.0
802.11ax HE20	52T+37	2412	MIMO	8.23	9.0
802.11ax HE20	52T+37	2437	Ant7	5.68	6.0
802.11ax HE20	52T+37	2437	Ant3	5.10	6.0
802.11ax HE20	52T+37	2437	MIMO	8.41	9.0
802.11ax HE20	52T+37	2462	Ant7	5.42	6.0
802.11ax HE20	52T+37	2462	Ant3	5.46	6.0
802.11ax HE20	52T+37	2462	MIMO	8.45	9.0
802.11ax HE20	52T+39	2412	Ant7	5.56	6.0
802.11ax HE20	52T+39	2412	Ant3	5.11	6.0
802.11ax HE20	52T+39	2412	MIMO	8.35	9.0
802.11ax HE20	52T+39	2437	Ant7	5.95	6.0
802.11ax HE20	52T+39	2437	Ant3	5.45	6.0
802.11ax HE20	52T+39	2437	MIMO	8.72	9.0
802.11ax HE20	52T+39	2462	Ant7	5.87	6.0
802.11ax HE20	52T+39	2462	Ant3	5.88	6.0
802.11ax HE20	52T+39	2462	MIMO	8.89	9.0
802.11ax HE20	52T+40	2412	Ant7	5.64	6.0
802.11ax HE20	52T+40	2412	Ant3	6.31	6.0
802.11ax HE20	52T+40	2412	MIMO	9.00	9.0
802.11ax HE20	52T+40	2437	Ant7	5.57	6.0
802.11ax HE20	52T+40	2437	Ant3	5.05	6.0
802.11ax HE20	52T+40	2437	MIMO	8.33	9.0
802.11ax HE20	52T+40	2462	Ant7	5.45	6.0

802.11ax HE20	52T+40	2462	Ant3	5.34	6.0
802.11ax HE20	52T+40	2462	MIMO	8.41	9.0
802.11ax HE20	106T+53	2412	Ant7	8.16	8.0
802.11ax HE20	106T+53	2412	Ant3	8.51	8.0
802.11ax HE20	106T+53	2412	MIMO	11.35	11.0
802.11ax HE20	106T+53	2437	Ant7	8.45	8.0
802.11ax HE20	106T+53	2437	Ant3	8.49	8.0
802.11ax HE20	106T+53	2437	MIMO	11.48	11.0
802.11ax HE20	106T+53	2462	Ant7	8.94	8.0
802.11ax HE20	106T+53	2462	Ant3	8.66	8.0
802.11ax HE20	106T+53	2462	MIMO	11.81	11.0
802.11ax HE20	106T+54	2412	Ant7	8.41	8.0
802.11ax HE20	106T+54	2412	Ant3	8.42	8.0
802.11ax HE20	106T+54	2412	MIMO	11.43	11.0
802.11ax HE20	106T+54	2437	Ant7	8.37	8.0
802.11ax HE20	106T+54	2437	Ant3	8.44	8.0
802.11ax HE20	106T+54	2437	MIMO	11.42	11.0
802.11ax HE20	106T+54	2462	Ant7	8.86	8.0
802.11ax HE20	106T+54	2462	Ant3	8.67	8.0
802.11ax HE20	106T+54	2462	MIMO	11.78	11.0
802.11ax HE20	242T+61	2412	Ant7	11.46	12.0
802.11ax HE20	242T+61	2412	Ant3	11.26	12.0
802.11ax HE20	242T+61	2412	MIMO	14.37	15.0
802.11ax HE20	242T+61	2437	Ant7	11.17	12.0
802.11ax HE20	242T+61	2437	Ant3	11.84	12.0
802.11ax HE20	242T+61	2437	MIMO	14.53	15.0
802.11ax HE20	242T+61	2462	Ant7	11.60	12.0
802.11ax HE20	242T+61	2462	Ant3	11.08	12.0
802.11ax HE20	242T+61	2462	MIMO	14.36	15.0
802.11ax HE40	484T+65	2422	Ant7	11.93	12.0
802.11ax HE40	484T+65	2422	Ant3	11.63	12.0
802.11ax HE40	484T+65	2422	MIMO	14.79	15.0
802.11ax HE40	484T+65	2437	Ant7	11.78	12.0
802.11ax HE40	484T+65	2437	Ant3	11.64	12.0
802.11ax HE40	484T+65	2437	MIMO	14.72	15.0
802.11ax HE40	484T+65	2452	Ant7	11.89	12.0
802.11ax HE40	484T+65	2452	Ant3	11.55	12.0
802.11ax HE40	484T+65	2452	MIMO	14.73	15.0

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11be HE20	26T+0	2412	Ant7	1.69	3.0
802.11be HE20	26T+0	2412	Ant3	1.68	3.0
802.11be HE20	26T+0	2412	MIMO	4.7	6.0

802.11be HE20	26T+0	2437	Ant7	2.41	3.0
802.11be HE20	26T+0	2437	Ant3	2.44	3.0
802.11be HE20	26T+0	2437	MIMO	5.44	6.0
802.11be HE20	26T+0	2462	Ant7	2.28	3.0
802.11be HE20	26T+0	2462	Ant3	2.29	3.0
802.11be HE20	26T+0	2462	MIMO	5.3	6.0
802.11be HE20	26T+4	2412	Ant7	1.7	3.0
802.11be HE20	26T+4	2412	Ant3	1.7	3.0
802.11be HE20	26T+4	2412	MIMO	4.71	6.0
802.11be HE20	26T+4	2437	Ant7	2.39	3.0
802.11be HE20	26T+4	2437	Ant3	2.4	3.0
802.11be HE20	26T+4	2437	MIMO	5.41	6.0
802.11be HE20	26T+4	2462	Ant7	2.29	3.0
802.11be HE20	26T+4	2462	Ant3	2.3	3.0
802.11be HE20	26T+4	2462	MIMO	5.31	6.0
802.11be HE20	26T+8	2412	Ant7	1.7	3.0
802.11be HE20	26T+8	2412	Ant3	1.69	3.0
802.11be HE20	26T+8	2412	MIMO	4.71	6.0
802.11be HE20	26T+8	2437	Ant7	2.36	3.0
802.11be HE20	26T+8	2437	Ant3	2.42	3.0
802.11be HE20	26T+8	2437	MIMO	5.4	6.0
802.11be HE20	26T+8	2462	Ant7	2.31	3.0
802.11be HE20	26T+8	2462	Ant3	2.28	3.0
802.11be HE20	26T+8	2462	MIMO	5.31	6.0
802.11be HE20	52T+37	2412	Ant7	4.88	6.0
802.11be HE20	52T+37	2412	Ant3	4.88	6.0
802.11be HE20	52T+37	2412	MIMO	7.89	9.0
802.11be HE20	52T+37	2437	Ant7	5.5	6.0
802.11be HE20	52T+37	2437	Ant3	5.47	6.0
802.11be HE20	52T+37	2437	MIMO	8.5	9.0
802.11be HE20	52T+37	2462	Ant7	5.32	6.0
802.11be HE20	52T+37	2462	Ant3	5.33	6.0
802.11be HE20	52T+37	2462	MIMO	8.34	9.0
802.11be HE20	52T+39	2412	Ant7	4.88	6.0
802.11be HE20	52T+39	2412	Ant3	4.89	6.0
802.11be HE20	52T+39	2412	MIMO	7.9	9.0
802.11be HE20	52T+39	2437	Ant7	5.48	6.0
802.11be HE20	52T+39	2437	Ant3	5.46	6.0
802.11be HE20	52T+39	2437	MIMO	8.48	9.0
802.11be HE20	52T+39	2462	Ant7	5.33	6.0
802.11be HE20	52T+39	2462	Ant3	5.31	6.0
802.11be HE20	52T+39	2462	MIMO	8.33	9.0
802.11be HE20	52T+40	2412	Ant7	4.86	6.0
802.11be HE20	52T+40	2412	Ant3	4.89	6.0
802.11be HE20	52T+40	2412	MIMO	7.89	9.0
802.11be HE20	52T+40	2437	Ant7	5.47	6.0

802.11be HE20	52T+40	2437	Ant3	5.46	6.0
802.11be HE20	52T+40	2437	MIMO	8.48	9.0
802.11be HE20	52T+40	2462	Ant7	5.32	6.0
802.11be HE20	52T+40	2462	Ant3	5.31	6.0
802.11be HE20	52T+40	2462	MIMO	8.33	9.0
802.11be HE20	106T+53	2412	Ant7	6.7	8.0
802.11be HE20	106T+53	2412	Ant3	6.7	8.0
802.11be HE20	106T+53	2412	MIMO	9.71	11.0
802.11be HE20	106T+53	2437	Ant7	7.15	8.0
802.11be HE20	106T+53	2437	Ant3	7.15	8.0
802.11be HE20	106T+53	2437	MIMO	10.16	11.0
802.11be HE20	106T+53	2462	Ant7	7.2	8.0
802.11be HE20	106T+53	2462	Ant3	7.2	8.0
802.11be HE20	106T+53	2462	MIMO	10.21	11.0
802.11be HE20	106T+54	2412	Ant7	6.71	8.0
802.11be HE20	106T+54	2412	Ant3	6.71	8.0
802.11be HE20	106T+54	2412	MIMO	9.72	11.0
802.11be HE20	106T+54	2437	Ant7	7.15	8.0
802.11be HE20	106T+54	2437	Ant3	7.17	8.0
802.11be HE20	106T+54	2437	MIMO	10.17	11.0
802.11be HE20	106T+54	2462	Ant7	7.21	8.0
802.11be HE20	106T+54	2462	Ant3	7.21	8.0
802.11be HE20	106T+54	2462	MIMO	10.22	11.0
802.11be HE20	242T+61	2412	Ant7	10.72	12.0
802.11be HE20	242T+61	2412	Ant3	10.71	12.0
802.11be HE20	242T+61	2412	MIMO	13.73	15.0
802.11be HE20	242T+61	2437	Ant7	11.81	12.0
802.11be HE20	242T+61	2437	Ant3	11.81	12.0
802.11be HE20	242T+61	2437	MIMO	14.82	15.0
802.11be HE20	242T+61	2462	Ant7	10.97	12.0
802.11be HE20	242T+61	2462	Ant3	10.98	12.0
802.11be HE20	242T+61	2462	MIMO	13.99	15.0
802.11be HE20	26+52	2412	Ant7	4.64	6.0
802.11be HE20	26+52	2412	Ant3	4.6	6.0
802.11be HE20	26+52	2412	MIMO	7.63	9.0
802.11be HE20	26+52	2437	Ant7	5.03	6.0
802.11be HE20	26+52	2437	Ant3	5.05	6.0
802.11be HE20	26+52	2437	MIMO	8.05	9.0
802.11be HE20	26+52	2462	Ant7	5.19	6.0
802.11be HE20	26+52	2462	Ant3	5.16	6.0
802.11be HE20	26+52	2462	MIMO	8.19	9.0
802.11be HE20	26+106	2412	Ant7	6.65	8.0
802.11be HE20	26+106	2412	Ant3	6.65	8.0
802.11be HE20	26+106	2412	MIMO	9.66	11.0
802.11be HE20	26+106	2437	Ant7	7.07	8.0
802.11be HE20	26+106	2437	Ant3	7.07	8.0

802.11be HE20	26+106	2437	MIMO	10.08	11.0
802.11be HE20	26+106	2462	Ant7	7.14	8.0
802.11be HE20	26+106	2462	Ant3	7.15	8.0
802.11be HE20	26+106	2462	MIMO	10.16	11.0
802.11be HE40	484T+65	2422	Ant7	10.27	12.0
802.11be HE40	484T+65	2422	Ant3	10.27	12.0
802.11be HE40	484T+65	2422	MIMO	13.28	15.0
802.11be HE40	484T+65	2437	Ant7	11.22	12.0
802.11be HE40	484T+65	2437	Ant3	11.22	12.0
802.11be HE40	484T+65	2437	MIMO	14.23	15.0
802.11be HE40	484T+65	2452	Ant7	10.34	12.0
802.11be HE40	484T+65	2452	Ant3	10.34	12.0
802.11be HE40	484T+65	2452	MIMO	13.35	15.0

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Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11a	NA	5180	Ant7	11.34	12.0
802.11a	NA	5180	Ant3	11.55	12.0
802.11a	NA	5220	Ant7	11.67	12.0
802.11a	NA	5220	Ant3	11.90	12.0
802.11a	NA	5240	Ant7	11.61	12.0
802.11a	NA	5240	Ant3	11.50	12.0
802.11n HT20	NA	5180	Ant7	11.38	12.0
802.11n HT20	NA	5180	Ant3	11.27	12.0
802.11n HT20	NA	5180	MIMO	14.34	15.0
802.11n HT20	NA	5220	Ant7	11.59	12.0
802.11n HT20	NA	5220	Ant3	11.35	12.0
802.11n HT20	NA	5220	MIMO	14.48	15.0
802.11n HT20	NA	5240	Ant7	11.79	12.0
802.11n HT20	NA	5240	Ant3	11.49	12.0
802.11n HT20	NA	5240	MIMO	14.65	15.0
802.11ac VHT20	NA	5180	Ant7	11.29	12.0
802.11ac VHT20	NA	5180	Ant3	11.25	12.0
802.11ac VHT20	NA	5180	MIMO	14.28	15.0
802.11ac VHT20	NA	5220	Ant7	11.49	12.0
802.11ac VHT20	NA	5220	Ant3	11.29	12.0
802.11ac VHT20	NA	5220	MIMO	14.40	15.0
802.11ac VHT20	NA	5240	Ant7	11.75	12.0
802.11ac VHT20	NA	5240	Ant3	11.48	12.0
802.11ac VHT20	NA	5240	MIMO	14.63	15.0
802.11n HT40	NA	5190	Ant7	10.78	12.0
802.11n HT40	NA	5190	Ant3	11.63	12.0
802.11n HT40	NA	5190	MIMO	14.24	15.0
802.11n HT40	NA	5230	Ant7	11.89	12.0
802.11n HT40	NA	5230	Ant3	11.59	12.0
802.11n HT40	NA	5230	MIMO	14.75	15.0
802.11ac VHT40	NA	5190	Ant7	11.78	12.0
802.11ac VHT40	NA	5190	Ant3	11.64	12.0
802.11ac VHT40	NA	5190	MIMO	14.72	15.0
802.11ac VHT40	NA	5230	Ant7	11.91	12.0
802.11ac VHT40	NA	5230	Ant3	11.61	12.0
802.11ac VHT40	NA	5230	MIMO	14.77	15.0
802.11ac VHT80	NA	5210	Ant7	11.34	12.0
802.11ac VHT80	NA	5210	Ant3	11.34	12.0
802.11ac VHT80	NA	5210	MIMO	14.35	15.0
802.11ac VHT160	NA	5250	Ant7	11.19	12.0
802.11ac VHT160	NA	5250	Ant3	11.01	12.0
802.11ac VHT160	NA	5250	MIMO	14.11	15.0

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11ax HE20	26T 0	5180	ANT3	2.71	3.0
802.11ax HE20	26T 0	5180	ANT7	2.70	3.0
802.11ax HE20	26T 0	5180	MIMO	5.72	6.0
802.11ax HE20	26T 0	5220	ANT3	2.78	3.0
802.11ax HE20	26T 0	5220	ANT7	2.86	3.0
802.11ax HE20	26T 0	5220	MIMO	5.83	6.0
802.11ax HE20	26T 0	5240	ANT3	2.32	3.0
802.11ax HE20	26T 0	5240	ANT7	2.45	3.0
802.11ax HE20	26T 0	5240	MIMO	5.40	6.0
802.11ax HE20	26T 4	5180	ANT3	2.74	3.0
802.11ax HE20	26T 4	5180	ANT7	2.69	3.0
802.11ax HE20	26T 4	5180	MIMO	5.73	6.0
802.11ax HE20	26T 4	5220	ANT3	2.64	3.0
802.11ax HE20	26T 4	5220	ANT7	2.64	3.0
802.11ax HE20	26T 4	5220	MIMO	5.65	6.0
802.11ax HE20	26T 4	5240	ANT3	2.29	3.0
802.11ax HE20	26T 4	5240	ANT7	2.27	3.0
802.11ax HE20	26T 4	5240	MIMO	5.29	6.0
802.11ax HE20	26T 8	5180	ANT3	2.87	3.0
802.11ax HE20	26T 8	5180	ANT7	2.86	3.0
802.11ax HE20	26T 8	5180	MIMO	5.88	6.0
802.11ax HE20	26T 8	5220	ANT3	2.76	3.0
802.11ax HE20	26T 8	5220	ANT7	2.81	3.0
802.11ax HE20	26T 8	5220	MIMO	5.80	6.0
802.11ax HE20	26T 8	5240	ANT3	2.62	3.0
802.11ax HE20	26T 8	5240	ANT7	2.70	3.0
802.11ax HE20	26T 8	5240	MIMO	5.67	6.0
802.11ax HE20	52T 37	5180	ANT3	5.76	6.0
802.11ax HE20	52T 37	5180	ANT7	5.71	6.0
802.11ax HE20	52T 37	5180	MIMO	8.75	9.0
802.11ax HE20	52T 37	5220	ANT3	5.91	6.0
802.11ax HE20	52T 37	5220	ANT7	5.91	6.0
802.11ax HE20	52T 37	5220	MIMO	8.92	9.0
802.11ax HE20	52T 37	5240	ANT3	5.43	6.0
802.11ax HE20	52T 37	5240	ANT7	5.46	6.0
802.11ax HE20	52T 37	5240	MIMO	8.46	9.0
802.11ax HE20	52T 39	5180	ANT3	5.77	6.0
802.11ax HE20	52T 39	5180	ANT7	5.77	6.0
802.11ax HE20	52T 39	5180	MIMO	8.78	9.0
802.11ax HE20	52T 39	5220	ANT3	5.84	6.0

802.11ax HE20	52T 39	5220	ANT7	5.93	6.0
802.11ax HE20	52T 39	5220	MIMO	8.90	9.0
802.11ax HE20	52T 39	5240	ANT3	5.52	6.0
802.11ax HE20	52T 39	5240	ANT7	5.54	6.0
802.11ax HE20	52T 39	5240	MIMO	8.54	9.0
802.11ax HE20	52T 40	5180	ANT3	5.62	6.0
802.11ax HE20	52T 40	5180	ANT7	5.68	6.0
802.11ax HE20	52T 40	5180	MIMO	8.66	9.0
802.11ax HE20	52T 40	5220	ANT3	5.60	6.0
802.11ax HE20	52T 40	5220	ANT7	5.70	6.0
802.11ax HE20	52T 40	5220	MIMO	8.66	9.0
802.11ax HE20	52T 40	5240	ANT3	5.60	6.0
802.11ax HE20	52T 40	5240	ANT7	5.62	6.0
802.11ax HE20	52T 40	5240	MIMO	8.62	9.0
802.11ax HE20	106T 53	5180	ANT3	8.01	8.0
802.11ax HE20	106T 53	5180	ANT7	8.37	8.0
802.11ax HE20	106T 53	5180	MIMO	11.20	11.0
802.11ax HE20	106T 53	5220	ANT3	8.71	8.0
802.11ax HE20	106T 53	5220	ANT7	8.50	8.0
802.11ax HE20	106T 53	5220	MIMO	11.62	11.0
802.11ax HE20	106T 53	5240	ANT3	8.80	8.0
802.11ax HE20	106T 53	5240	ANT7	8.51	8.0
802.11ax HE20	106T 53	5240	MIMO	11.67	11.0
802.11ax HE20	106T 54	5180	ANT3	8.44	8.0
802.11ax HE20	106T 54	5180	ANT7	8.21	8.0
802.11ax HE20	106T 54	5180	MIMO	11.34	11.0
802.11ax HE20	106T 54	5220	ANT3	8.42	8.0
802.11ax HE20	106T 54	5220	ANT7	8.95	8.0
802.11ax HE20	106T 54	5220	MIMO	11.70	11.0
802.11ax HE20	106T 54	5240	ANT3	8.77	8.0
802.11ax HE20	106T 54	5240	ANT7	9.11	8.0
802.11ax HE20	106T 54	5240	MIMO	11.95	11.0
802.11ax HE20	242T 61	5180	ANT3	11.09	12.0
802.11ax HE20	242T 61	5180	ANT7	11.03	12.0
802.11ax HE20	242T 61	5180	MIMO	14.07	15.0
802.11ax HE20	242T 61	5220	ANT3	11.30	12.0
802.11ax HE20	242T 61	5220	ANT7	11.19	12.0
802.11ax HE20	242T 61	5220	MIMO	14.26	15.0
802.11ax HE20	242T 61	5240	ANT3	11.57	12.0
802.11ax HE20	242T 61	5240	ANT7	11.20	12.0
802.11ax HE20	242T 61	5240	MIMO	14.40	15.0
802.11be EHT20	26T 0	5180	ANT3	2.62	3.0
802.11be EHT20	26T 0	5180	ANT7	2.60	3.0
802.11be EHT20	26T 0	5180	MIMO	5.62	6.0

802.11be EHT20	26T 0	5220	ANT3	2.81	3.0
802.11be EHT20	26T 0	5220	ANT7	2.87	3.0
802.11be EHT20	26T 0	5220	MIMO	5.85	6.0
802.11be EHT20	26T 0	5240	ANT3	2.32	3.0
802.11be EHT20	26T 0	5240	ANT7	2.42	3.0
802.11be EHT20	26T 0	5240	MIMO	5.38	6.0
802.11be EHT20	26T 4	5180	ANT3	2.62	3.0
802.11be EHT20	26T 4	5180	ANT7	2.64	3.0
802.11be EHT20	26T 4	5180	MIMO	5.64	6.0
802.11be EHT20	26T 4	5220	ANT3	2.61	3.0
802.11be EHT20	26T 4	5220	ANT7	2.57	3.0
802.11be EHT20	26T 4	5220	MIMO	5.60	6.0
802.11be EHT20	26T 4	5240	ANT3	2.28	3.0
802.11be EHT20	26T 4	5240	ANT7	2.22	3.0
802.11be EHT20	26T 4	5240	MIMO	5.26	6.0
802.11be EHT20	26T 8	5180	ANT3	2.82	3.0
802.11be EHT20	26T 8	5180	ANT7	2.84	3.0
802.11be EHT20	26T 8	5180	MIMO	5.84	6.0
802.11be EHT20	26T 8	5220	ANT3	2.77	3.0
802.11be EHT20	26T 8	5220	ANT7	2.77	3.0
802.11be EHT20	26T 8	5220	MIMO	5.78	6.0
802.11be EHT20	26T 8	5240	ANT3	2.60	3.0
802.11be EHT20	26T 8	5240	ANT7	2.66	3.0
802.11be EHT20	26T 8	5240	MIMO	5.64	6.0
802.11be EHT20	52T 37	5180	ANT3	5.78	6.0
802.11be EHT20	52T 37	5180	ANT7	5.72	6.0
802.11be EHT20	52T 37	5180	MIMO	8.76	9.0
802.11be EHT20	52T 37	5220	ANT3	5.93	6.0
802.11be EHT20	52T 37	5220	ANT7	5.80	6.0
802.11be EHT20	52T 37	5220	MIMO	8.88	9.0
802.11be EHT20	52T 37	5240	ANT3	5.51	6.0
802.11be EHT20	52T 37	5240	ANT7	5.34	6.0
802.11be EHT20	52T 37	5240	MIMO	8.44	9.0
802.11be EHT20	52T 39	5180	ANT3	5.90	6.0
802.11be EHT20	52T 39	5180	ANT7	5.80	6.0
802.11be EHT20	52T 39	5180	MIMO	8.86	9.0
802.11be EHT20	52T 39	5220	ANT3	5.47	6.0
802.11be EHT20	52T 39	5220	ANT7	5.87	6.0
802.11be EHT20	52T 39	5220	MIMO	8.68	9.0
802.11be EHT20	52T 39	5240	ANT3	5.57	6.0
802.11be EHT20	52T 39	5240	ANT7	5.51	6.0
802.11be EHT20	52T 39	5240	MIMO	8.55	9.0
802.11be EHT20	52T 40	5180	ANT3	5.68	6.0
802.11be EHT20	52T 40	5180	ANT7	5.66	6.0

802.11be EHT20	52T 40	5180	MIMO	8.68	9.0
802.11be EHT20	52T 40	5220	ANT3	5.70	6.0
802.11be EHT20	52T 40	5220	ANT7	5.58	6.0
802.11be EHT20	52T 40	5220	MIMO	8.65	9.0
802.11be EHT20	52T 40	5240	ANT3	5.65	6.0
802.11be EHT20	52T 40	5240	ANT7	5.56	6.0
802.11be EHT20	52T 40	5240	MIMO	8.62	9.0
802.11be EHT20	106T 53	5180	ANT3	8.26	8.0
802.11be EHT20	106T 53	5180	ANT7	8.36	8.0
802.11be EHT20	106T 53	5180	MIMO	11.32	11.0
802.11be EHT20	106T 53	5220	ANT3	8.50	8.0
802.11be EHT20	106T 53	5220	ANT7	8.49	8.0
802.11be EHT20	106T 53	5220	MIMO	11.51	11.0
802.11be EHT20	106T 53	5240	ANT3	8.51	8.0
802.11be EHT20	106T 53	5240	ANT7	8.51	8.0
802.11be EHT20	106T 53	5240	MIMO	11.52	11.0
802.11be EHT20	106T 54	5180	ANT3	8.19	8.0
802.11be EHT20	106T 54	5180	ANT7	8.23	8.0
802.11be EHT20	106T 54	5180	MIMO	11.22	11.0
802.11be EHT20	106T 54	5220	ANT3	8.16	8.0
802.11be EHT20	106T 54	5220	ANT7	8.93	8.0
802.11be EHT20	106T 54	5220	MIMO	11.57	11.0
802.11be EHT20	106T 54	5240	ANT3	8.50	8.0
802.11be EHT20	106T 54	5240	ANT7	9.05	8.0
802.11be EHT20	106T 54	5240	MIMO	11.79	11.0
802.11be EHT20	242T 61	5180	ANT3	11.12	12.0
802.11be EHT20	242T 61	5180	ANT7	11.24	12.0
802.11be EHT20	242T 61	5180	MIMO	14.19	15.0
802.11be EHT20	242T 61	5220	ANT3	11.32	12.0
802.11be EHT20	242T 61	5220	ANT7	11.21	12.0
802.11be EHT20	242T 61	5220	MIMO	14.28	15.0
802.11be EHT20	242T 61	5240	ANT3	11.52	12.0
802.11be EHT20	242T 61	5240	ANT7	11.36	12.0
802.11be EHT20	242T 61	5240	MIMO	14.45	15.0
802.11be EHT20	26+52	5180	ANT3	5.72	6.0
802.11be EHT20	26+52	5180	ANT7	5.74	6.0
802.11be EHT20	26+52	5180	MIMO	8.74	9.0
802.11be EHT20	26+52	5220	ANT3	5.95	6.0
802.11be EHT20	26+52	5220	ANT7	5.42	6.0
802.11be EHT20	26+52	5220	MIMO	8.70	9.0
802.11be EHT20	26+52	5240	ANT3	5.58	6.0
802.11be EHT20	26+52	5240	ANT7	6.12	6.0
802.11be EHT20	26+52	5240	MIMO	8.87	9.0
802.11be EHT20	26+106	5180	ANT3	2.71	8.0

802.11be EHT20	26+106	5180	ANT7	8.02	8.0
802.11be EHT20	26+106	5180	MIMO	9.14	11.0
802.11be EHT20	26+106	5220	ANT3	2.73	8.0
802.11be EHT20	26+106	5220	ANT7	8.14	8.0
802.11be EHT20	26+106	5220	MIMO	9.24	11.0
802.11be EHT20	26+106	5240	ANT3	2.35	8.0
802.11be EHT20	26+106	5240	ANT7	8.16	8.0
802.11be EHT20	26+106	5240	MIMO	9.17	11.0
802.11ax HE40	484T 65	5190	ANT3	11.08	12.0
802.11ax HE40	484T 65	5190	ANT7	11.94	12.0
802.11ax HE40	484T 65	5190	MIMO	14.54	15.0
802.11ax HE40	484T 65	5230	ANT3	11.16	12.0
802.11ax HE40	484T 65	5230	ANT7	11.87	12.0
802.11ax HE40	484T 65	5230	MIMO	14.54	15.0
802.11be EHT40	484T 65	5190	ANT3	11.42	12.0
802.11be EHT40	484T 65	5190	ANT7	11.36	12.0
802.11be EHT40	484T 65	5190	MIMO	14.40	15.0
802.11be EHT40	484T 65	5230	ANT3	11.53	12.0
802.11be EHT40	484T 65	5230	ANT7	11.41	12.0
802.11be EHT40	484T 65	5230	MIMO	14.48	15.0
802.11ax HE80	996T 67	5210	ANT3	11.39	12.0
802.11ax HE80	996T 67	5210	ANT7	11.43	12.0
802.11ax HE80	996T 67	5210	MIMO	14.42	15.0
802.11be EHT80	996T 67	5210	ANT3	11.43	12.0
802.11be EHT80	996T 67	5210	ANT7	11.53	12.0
802.11be EHT80	996T 67	5210	MIMO	14.49	15.0
802.11be EHT80	242+484	5210	ANT3	8.91	12.0
802.11be EHT80	242+484	5210	ANT7	8.94	12.0
802.11be EHT80	242+484	5210	MIMO	11.94	15.0
802.11ax HE160	1992T LH	5250	ANT3	11.37	12.0
802.11ax HE160	1992T LH	5250	ANT7	11.21	12.0
802.11ax HE160	1992T LH	5250	MIMO	14.30	15.0
802.11be EHT160	1992T LH	5250	ANT3	11.38	12.0
802.11be EHT160	1992T LH	5250	ANT7	11.17	12.0
802.11be EHT160	1992T LH	5250	MIMO	14.29	15.0
802.11be EHT160	484+996	5250	ANT3	8.50	9.0
802.11be EHT160	484+996	5250	ANT7	8.85	9.0
802.11be EHT160	484+996	5250	MIMO	11.69	12.0

Wi-Fi5GHz UNII-2A

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11a	NA	5260	Ant7	11.78	12.0
802.11a	NA	5260	Ant3	11.60	12.0
802.11a	NA	5280	Ant7	11.66	12.0
802.11a	NA	5280	Ant3	11.75	12.0
802.11a	NA	5320	Ant7	11.49	12.0
802.11a	NA	5320	Ant3	11.71	12.0
802.11n HT20	NA	5260	Ant7	11.48	12.0
802.11n HT20	NA	5260	Ant3	11.95	12.0
802.11n HT20	NA	5260	MIMO	14.73	15.0
802.11n HT20	NA	5280	Ant7	11.35	12.0
802.11n HT20	NA	5280	Ant3	11.42	12.0
802.11n HT20	NA	5280	MIMO	14.40	15.0
802.11n HT20	NA	5320	Ant7	11.13	12.0
802.11n HT20	NA	5320	Ant3	11.20	12.0
802.11n HT20	NA	5320	MIMO	14.18	15.0
802.11ac VHT20	NA	5260	Ant7	11.46	12.0
802.11ac VHT20	NA	5260	Ant3	11.88	12.0
802.11ac VHT20	NA	5260	MIMO	14.69	15.0
802.11ac VHT20	NA	5280	Ant7	11.35	12.0
802.11ac VHT20	NA	5280	Ant3	11.45	12.0
802.11ac VHT20	NA	5280	MIMO	14.41	15.0
802.11ac VHT20	NA	5320	Ant7	11.12	12.0
802.11ac VHT20	NA	5320	Ant3	11.16	12.0
802.11ac VHT20	NA	5320	MIMO	14.15	15.0
802.11n HT40	NA	5270	Ant7	11.64	12.0
802.11n HT40	NA	5270	Ant3	11.18	12.0
802.11n HT40	NA	5270	MIMO	14.43	15.0
802.11n HT40	NA	5310	Ant7	11.41	12.0
802.11n HT40	NA	5310	Ant3	11.39	12.0
802.11n HT40	NA	5310	MIMO	14.41	15.0
802.11ac VHT40	NA	5270	Ant7	11.13	12.0
802.11ac VHT40	NA	5270	Ant3	11.12	12.0
802.11ac VHT40	NA	5270	MIMO	14.14	15.0
802.11ac VHT40	NA	5310	Ant7	11.40	12.0
802.11ac VHT40	NA	5310	Ant3	11.33	12.0
802.11ac VHT40	NA	5310	MIMO	14.38	15.0
802.11ac VHT80	NA	5290	Ant7	11.94	12.0
802.11ac VHT80	NA	5290	Ant3	11.80	12.0
802.11ac VHT80	NA	5290	MIMO	14.88	15.0

Mode	Tones/	Frequency	Antenna	Conducted average	Tuneup

	RUIndex	(MHz)		power output(dBm)	(dBm)
802.11ax HE20	26T 0	5260	ANT3	2.41	3.0
802.11ax HE20	26T 0	5260	ANT7	2.64	3.0
802.11ax HE20	26T 0	5260	MIMO	5.54	6.0
802.11ax HE20	26T 0	5280	ANT3	2.90	3.0
802.11ax HE20	26T 0	5280	ANT7	2.69	3.0
802.11ax HE20	26T 0	5280	MIMO	5.81	6.0
802.11ax HE20	26T 0	5320	ANT3	2.66	3.0
802.11ax HE20	26T 0	5320	ANT7	2.60	3.0
802.11ax HE20	26T 0	5320	MIMO	5.64	6.0
802.11ax HE20	26T 4	5260	ANT3	2.98	3.0
802.11ax HE20	26T 4	5260	ANT7	2.42	3.0
802.11ax HE20	26T 4	5260	MIMO	5.72	6.0
802.11ax HE20	26T 4	5280	ANT3	2.50	3.0
802.11ax HE20	26T 4	5280	ANT7	3.09	3.0
802.11ax HE20	26T 4	5280	MIMO	5.82	6.0
802.11ax HE20	26T 4	5320	ANT3	2.53	3.0
802.11ax HE20	26T 4	5320	ANT7	2.75	3.0
802.11ax HE20	26T 4	5320	MIMO	5.65	6.0
802.11ax HE20	26T 8	5260	ANT3	2.62	3.0
802.11ax HE20	26T 8	5260	ANT7	2.71	3.0
802.11ax HE20	26T 8	5260	MIMO	5.68	6.0
802.11ax HE20	26T 8	5280	ANT3	2.23	3.0
802.11ax HE20	26T 8	5280	ANT7	3.32	3.0
802.11ax HE20	26T 8	5280	MIMO	5.82	6.0
802.11ax HE20	26T 8	5320	ANT3	2.96	3.0
802.11ax HE20	26T 8	5320	ANT7	2.86	3.0
802.11ax HE20	26T 8	5320	MIMO	5.92	6.0
802.11ax HE20	52T 37	5260	ANT3	5.42	6.0
802.11ax HE20	52T 37	5260	ANT7	5.54	6.0
802.11ax HE20	52T 37	5260	MIMO	8.49	9.0
802.11ax HE20	52T 37	5280	ANT3	5.52	6.0
802.11ax HE20	52T 37	5280	ANT7	5.46	6.0
802.11ax HE20	52T 37	5280	MIMO	8.50	9.0
802.11ax HE20	52T 37	5320	ANT3	5.84	6.0
802.11ax HE20	52T 37	5320	ANT7	5.90	6.0
802.11ax HE20	52T 37	5320	MIMO	8.88	9.0
802.11ax HE20	52T 39	5260	ANT3	5.57	6.0
802.11ax HE20	52T 39	5260	ANT7	5.45	6.0
802.11ax HE20	52T 39	5260	MIMO	8.52	9.0
802.11ax HE20	52T 39	5280	ANT3	5.46	6.0
802.11ax HE20	52T 39	5280	ANT7	6.38	6.0

802.11ax HE20	52T 39	5280	MIMO	8.95	9.0
802.11ax HE20	52T 39	5320	ANT3	5.98	6.0
802.11ax HE20	52T 39	5320	ANT7	5.95	6.0
802.11ax HE20	52T 39	5320	MIMO	8.98	9.0
802.11ax HE20	52T 40	5260	ANT3	5.54	6.0
802.11ax HE20	52T 40	5260	ANT7	5.45	6.0
802.11ax HE20	52T 40	5260	MIMO	8.51	9.0
802.11ax HE20	52T 40	5280	ANT3	5.27	6.0
802.11ax HE20	52T 40	5280	ANT7	6.13	6.0
802.11ax HE20	52T 40	5280	MIMO	8.73	9.0
802.11ax HE20	52T 40	5320	ANT3	5.85	6.0
802.11ax HE20	52T 40	5320	ANT7	5.85	6.0
802.11ax HE20	52T 40	5320	MIMO	8.86	9.0
802.11ax HE20	106T 53	5260	ANT3	8.39	8.0
802.11ax HE20	106T 53	5260	ANT7	9.16	8.0
802.11ax HE20	106T 53	5260	MIMO	11.80	11.0
802.11ax HE20	106T 53	5280	ANT3	8.47	8.0
802.11ax HE20	106T 53	5280	ANT7	9.18	8.0
802.11ax HE20	106T 53	5280	MIMO	11.85	11.0
802.11ax HE20	106T 53	5320	ANT3	8.70	8.0
802.11ax HE20	106T 53	5320	ANT7	8.49	8.0
802.11ax HE20	106T 53	5320	MIMO	11.61	11.0
802.11ax HE20	106T 54	5260	ANT3	8.28	8.0
802.11ax HE20	106T 54	5260	ANT7	9.03	8.0
802.11ax HE20	106T 54	5260	MIMO	11.68	11.0
802.11ax HE20	106T 54	5280	ANT3	8.17	8.0
802.11ax HE20	106T 54	5280	ANT7	8.92	8.0
802.11ax HE20	106T 54	5280	MIMO	11.57	11.0
802.11ax HE20	106T 54	5320	ANT3	8.68	8.0
802.11ax HE20	106T 54	5320	ANT7	8.41	8.0
802.11ax HE20	106T 54	5320	MIMO	11.56	11.0
802.11ax HE20	242T 61	5260	ANT3	11.18	12.0
802.11ax HE20	242T 61	5260	ANT7	11.72	12.0
802.11ax HE20	242T 61	5260	MIMO	14.47	15.0
802.11ax HE20	242T 61	5280	ANT3	11.03	12.0
802.11ax HE20	242T 61	5280	ANT7	11.27	12.0
802.11ax HE20	242T 61	5280	MIMO	14.16	15.0
802.11ax HE20	242T 61	5320	ANT3	11.72	12.0
802.11ax HE20	242T 61	5320	ANT7	10.98	12.0
802.11ax HE20	242T 61	5320	MIMO	14.38	15.0
802.11be EHT20	26T 0	5260	ANT3	2.40	3.0
802.11be EHT20	26T 0	5260	ANT7	2.60	3.0
802.11be EHT20	26T 0	5260	MIMO	5.51	6.0

802.11be EHT20	26T 0	5280	ANT3	2.84	3.0
802.11be EHT20	26T 0	5280	ANT7	2.63	3.0
802.11be EHT20	26T 0	5280	MIMO	5.75	6.0
802.11be EHT20	26T 0	5320	ANT3	2.66	3.0
802.11be EHT20	26T 0	5320	ANT7	2.68	3.0
802.11be EHT20	26T 0	5320	MIMO	5.68	6.0
802.11be EHT20	26T 4	5260	ANT3	2.35	3.0
802.11be EHT20	26T 4	5260	ANT7	2.72	3.0
802.11be EHT20	26T 4	5260	MIMO	5.55	6.0
802.11be EHT20	26T 4	5280	ANT3	1.96	3.0
802.11be EHT20	26T 4	5280	ANT7	2.47	3.0
802.11be EHT20	26T 4	5280	MIMO	5.23	6.0
802.11be EHT20	26T 4	5320	ANT3	2.60	3.0
802.11be EHT20	26T 4	5320	ANT7	2.85	3.0
802.11be EHT20	26T 4	5320	MIMO	5.74	6.0
802.11be EHT20	26T 8	5260	ANT3	2.57	3.0
802.11be EHT20	26T 8	5260	ANT7	2.63	3.0
802.11be EHT20	26T 8	5260	MIMO	5.61	6.0
802.11be EHT20	26T 8	5280	ANT3	2.27	3.0
802.11be EHT20	26T 8	5280	ANT7	2.01	3.0
802.11be EHT20	26T 8	5280	MIMO	5.15	6.0
802.11be EHT20	26T 8	5320	ANT3	2.92	3.0
802.11be EHT20	26T 8	5320	ANT7	2.76	3.0
802.11be EHT20	26T 8	5320	MIMO	5.85	6.0
802.11be EHT20	52T 37	5260	ANT3	5.49	6.0
802.11be EHT20	52T 37	5260	ANT7	5.33	6.0
802.11be EHT20	52T 37	5260	MIMO	8.42	9.0
802.11be EHT20	52T 37	5280	ANT3	5.45	6.0
802.11be EHT20	52T 37	5280	ANT7	5.09	6.0
802.11be EHT20	52T 37	5280	MIMO	8.28	9.0
802.11be EHT20	52T 37	5320	ANT3	5.87	6.0
802.11be EHT20	52T 37	5320	ANT7	5.60	6.0
802.11be EHT20	52T 37	5320	MIMO	8.75	9.0
802.11be EHT20	52T 39	5260	ANT3	5.53	6.0
802.11be EHT20	52T 39	5260	ANT7	5.58	6.0
802.11be EHT20	52T 39	5260	MIMO	8.57	9.0
802.11be EHT20	52T 39	5280	ANT3	5.50	6.0
802.11be EHT20	52T 39	5280	ANT7	5.12	6.0
802.11be EHT20	52T 39	5280	MIMO	8.32	9.0
802.11be EHT20	52T 39	5320	ANT3	5.98	6.0
802.11be EHT20	52T 39	5320	ANT7	5.77	6.0
802.11be EHT20	52T 39	5320	MIMO	8.89	9.0
802.11be EHT20	52T 40	5260	ANT3	5.52	6.0

802.11be EHT20	52T 40	5260	ANT7	5.36	6.0
802.11be EHT20	52T 40	5260	MIMO	8.45	9.0
802.11be EHT20	52T 40	5280	ANT3	5.16	6.0
802.11be EHT20	52T 40	5280	ANT7	5.39	6.0
802.11be EHT20	52T 40	5280	MIMO	8.29	9.0
802.11be EHT20	52T 40	5320	ANT3	5.89	6.0
802.11be EHT20	52T 40	5320	ANT7	5.85	6.0
802.11be EHT20	52T 40	5320	MIMO	8.88	9.0
802.11be EHT20	106T 53	5260	ANT3	8.60	8.0
802.11be EHT20	106T 53	5260	ANT7	8.69	8.0
802.11be EHT20	106T 53	5260	MIMO	11.66	11.0
802.11be EHT20	106T 53	5280	ANT3	8.69	8.0
802.11be EHT20	106T 53	5280	ANT7	8.40	8.0
802.11be EHT20	106T 53	5280	MIMO	11.56	11.0
802.11be EHT20	106T 53	5320	ANT3	8.97	8.0
802.11be EHT20	106T 53	5320	ANT7	8.61	8.0
802.11be EHT20	106T 53	5320	MIMO	11.80	11.0
802.11be EHT20	106T 54	5260	ANT3	8.50	8.0
802.11be EHT20	106T 54	5260	ANT7	8.83	8.0
802.11be EHT20	106T 54	5260	MIMO	11.68	11.0
802.11be EHT20	106T 54	5280	ANT3	8.27	8.0
802.11be EHT20	106T 54	5280	ANT7	8.94	8.0
802.11be EHT20	106T 54	5280	MIMO	11.63	11.0
802.11be EHT20	106T 54	5320	ANT3	8.91	8.0
802.11be EHT20	106T 54	5320	ANT7	8.99	8.0
802.11be EHT20	106T 54	5320	MIMO	11.96	11.0
802.11be EHT20	242T 61	5260	ANT3	11.22	12.0
802.11be EHT20	242T 61	5260	ANT7	11.69	12.0
802.11be EHT20	242T 61	5260	MIMO	14.47	15.0
802.11be EHT20	242T 61	5280	ANT3	11.05	12.0
802.11be EHT20	242T 61	5280	ANT7	11.22	12.0
802.11be EHT20	242T 61	5280	MIMO	14.15	15.0
802.11be EHT20	242T 61	5320	ANT3	11.74	12.0
802.11be EHT20	242T 61	5320	ANT7	10.95	12.0
802.11be EHT20	242T 61	5320	MIMO	14.37	15.0
802.11be EHT20	26+52	5260	ANT3	5.57	6.0
802.11be EHT20	26+52	5260	ANT7	5.63	6.0
802.11be EHT20	26+52	5260	MIMO	8.61	9.0
802.11be EHT20	26+52	5280	ANT3	5.51	6.0
802.11be EHT20	26+52	5280	ANT7	5.17	6.0
802.11be EHT20	26+52	5280	MIMO	8.35	9.0
802.11be EHT20	26+52	5320	ANT3	5.99	6.0
802.11be EHT20	26+52	5320	ANT7	5.81	6.0

802.11be EHT20	26+52	5320	MIMO	8.91	9.0
802.11be EHT20	26+106	5260	ANT3	8.09	8.0
802.11be EHT20	26+106	5260	ANT7	8.69	8.0
802.11be EHT20	26+106	5260	MIMO	11.41	11.0
802.11be EHT20	26+106	5280	ANT3	8.11	8.0
802.11be EHT20	26+106	5280	ANT7	8.44	8.0
802.11be EHT20	26+106	5280	MIMO	11.29	11.0
802.11be EHT20	26+106	5320	ANT3	8.43	8.0
802.11be EHT20	26+106	5320	ANT7	8.67	8.0
802.11be EHT20	26+106	5320	MIMO	11.56	11.0
802.11ax HE40	484T 65	5270	ANT3	10.88	12.0
802.11ax HE40	484T 65	5270	ANT7	11.50	12.0
802.11ax HE40	484T 65	5270	MIMO	14.21	15.0
802.11ax HE40	484T 65	5310	ANT3	11.55	12.0
802.11ax HE40	484T 65	5310	ANT7	11.65	12.0
802.11ax HE40	484T 65	5310	MIMO	14.61	15.0
802.11be EHT40	484T 65	5270	ANT3	11.13	12.0
802.11be EHT40	484T 65	5270	ANT7	11.83	12.0
802.11be EHT40	484T 65	5270	MIMO	14.50	15.0
802.11be EHT40	484T 65	5310	ANT3	10.77	12.0
802.11be EHT40	484T 65	5310	ANT7	11.06	12.0
802.11be EHT40	484T 65	5310	MIMO	13.93	15.0
802.11ax HE80	996T 67	5290	ANT3	11.95	12.0
802.11ax HE80	996T 67	5290	ANT7	11.79	12.0
802.11ax HE80	996T 67	5290	MIMO	14.88	15.0
802.11be EHT80	996T 67	5290	ANT3	11.88	12.0
802.11be EHT80	996T 67	5290	ANT7	11.76	12.0
802.11be EHT80	996T 67	5290	MIMO	14.83	15.0
802.11be EHT80	242+484	5290	ANT3	8.69	
802.11be EHT80	242+484	5290	ANT7	9.26	
802.11be EHT80	242+484	5290	MIMO	11.99	

Wi-Fi5GHz UNII-2C

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11a	NA	5500	Ant7	11.71	12.0
802.11a	NA	5500	Ant3	11.66	12.0
802.11a	NA	5580	Ant7	11.59	12.0
802.11a	NA	5580	Ant3	11.43	12.0
802.11a	NA	5700	Ant7	11.56	12.0
802.11a	NA	5700	Ant3	11.49	12.0
802.11n HT20	NA	5500	Ant7	11.67	12.0
802.11n HT20	NA	5500	Ant3	11.18	12.0
802.11n HT20	NA	5500	MIMO	14.44	15.0
802.11n HT20	NA	5580	Ant7	11.15	12.0
802.11n HT20	NA	5580	Ant3	11.42	12.0
802.11n HT20	NA	5580	MIMO	14.30	15.0
802.11n HT20	NA	5700	Ant7	11.73	12.0
802.11n HT20	NA	5700	Ant3	11.15	12.0
802.11n HT20	NA	5700	MIMO	14.46	15.0
802.11ac VHT20	NA	5500	Ant7	11.65	12.0
802.11ac VHT20	NA	5500	Ant3	11.07	12.0
802.11ac VHT20	NA	5500	MIMO	14.38	15.0
802.11ac VHT20	NA	5580	Ant7	11.11	12.0
802.11ac VHT20	NA	5580	Ant3	10.53	12.0
802.11ac VHT20	NA	5580	MIMO	13.84	15.0
802.11ac VHT20	NA	5700	Ant7	11.68	12.0
802.11ac VHT20	NA	5700	Ant3	11.14	12.0
802.11ac VHT20	NA	5700	MIMO	14.43	15.0
802.11n HT40	NA	5510	Ant7	11.59	12.0
802.11n HT40	NA	5510	Ant3	11.89	12.0
802.11n HT40	NA	5510	MIMO	14.75	15.0
802.11n HT40	NA	5590	Ant7	11.52	12.0
802.11n HT40	NA	5590	Ant3	11.89	12.0
802.11n HT40	NA	5590	MIMO	14.72	15.0
802.11n HT40	NA	5670	Ant7	11.59	12.0
802.11n HT40	NA	5670	Ant3	11.89	12.0
802.11n HT40	NA	5670	MIMO	14.75	15.0
802.11ac VHT40	NA	5510	Ant7	11.65	12.0
802.11ac VHT40	NA	5510	Ant3	11.96	12.0
802.11ac VHT40	NA	5510	MIMO	14.82	15.0
802.11ac VHT40	NA	5590	Ant7	11.57	12.0
802.11ac VHT40	NA	5590	Ant3	11.92	12.0
802.11ac VHT40	NA	5590	MIMO	14.76	15.0
802.11ac VHT40	NA	5670	Ant7	11.60	12.0
802.11ac VHT40	NA	5670	Ant3	11.90	12.0
802.11ac VHT40	NA	5670	MIMO	14.76	15.0

802.11ac VHT80	NA	5530	Ant7	11.28	12.0
802.11ac VHT80	NA	5530	Ant3	11.84	12.0
802.11ac VHT80	NA	5530	MIMO	14.58	15.0
802.11ac VHT80	NA	5610	Ant7	11.16	12.0
802.11ac VHT80	NA	5610	Ant3	11.46	12.0
802.11ac VHT80	NA	5610	MIMO	14.32	15.0
802.11ac VHT160	NA	5570	Ant7	11.53	12.0
802.11ac VHT160	NA	5570	Ant3	11.11	12.0
802.11ac VHT160	NA	5570	MIMO	14.34	15.0

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11ax HE20	26T 0	5500	ANT3	2.87	3.0
802.11ax HE20	26T 0	5500	ANT7	2.57	3.0
802.11ax HE20	26T 0	5500	MIMO	5.73	6.0
802.11ax HE20	26T 0	5580	ANT3	2.14	3.0
802.11ax HE20	26T 0	5580	ANT7	2.27	3.0
802.11ax HE20	26T 0	5580	MIMO	5.22	6.0
802.11ax HE20	26T 0	5700	ANT3	2.43	3.0
802.11ax HE20	26T 0	5700	ANT7	2.44	3.0
802.11ax HE20	26T 0	5700	MIMO	5.45	6.0
802.11ax HE20	26T 4	5500	ANT3	2.14	3.0
802.11ax HE20	26T 4	5500	ANT7	2.72	3.0
802.11ax HE20	26T 4	5500	MIMO	5.45	6.0
802.11ax HE20	26T 4	5580	ANT3	2.10	3.0
802.11ax HE20	26T 4	5580	ANT7	2.05	3.0
802.11ax HE20	26T 4	5580	MIMO	5.09	6.0
802.11ax HE20	26T 4	5700	ANT3	2.25	3.0
802.11ax HE20	26T 4	5700	ANT7	2.57	3.0
802.11ax HE20	26T 4	5700	MIMO	5.42	6.0
802.11ax HE20	26T 8	5500	ANT3	2.85	3.0
802.11ax HE20	26T 8	5500	ANT7	2.78	3.0
802.11ax HE20	26T 8	5500	MIMO	5.83	6.0
802.11ax HE20	26T 8	5580	ANT3	2.92	3.0
802.11ax HE20	26T 8	5580	ANT7	2.96	3.0
802.11ax HE20	26T 8	5580	MIMO	5.95	6.0
802.11ax HE20	26T 8	5700	ANT3	2.46	3.0
802.11ax HE20	26T 8	5700	ANT7	2.47	3.0
802.11ax HE20	26T 8	5700	MIMO	5.48	6.0
802.11ax HE20	52T 37	5500	ANT3	5.60	6.0
802.11ax HE20	52T 37	5500	ANT7	5.71	6.0
802.11ax HE20	52T 37	5500	MIMO	8.67	9.0

802.11ax HE20	52T 37	5580	ANT3	5.11	6.0
802.11ax HE20	52T 37	5580	ANT7	5.34	6.0
802.11ax HE20	52T 37	5580	MIMO	8.24	9.0
802.11ax HE20	52T 37	5700	ANT3	5.37	6.0
802.11ax HE20	52T 37	5700	ANT7	5.28	6.0
802.11ax HE20	52T 37	5700	MIMO	8.34	9.0
802.11ax HE20	52T 39	5500	ANT3	5.94	6.0
802.11ax HE20	52T 39	5500	ANT7	5.52	6.0
802.11ax HE20	52T 39	5500	MIMO	8.75	9.0
802.11ax HE20	52T 39	5580	ANT3	5.24	6.0
802.11ax HE20	52T 39	5580	ANT7	5.12	6.0
802.11ax HE20	52T 39	5580	MIMO	8.19	9.0
802.11ax HE20	52T 39	5700	ANT3	5.28	6.0
802.11ax HE20	52T 39	5700	ANT7	5.97	6.0
802.11ax HE20	52T 39	5700	MIMO	8.65	9.0
802.11ax HE20	52T 40	5500	ANT3	5.65	6.0
802.11ax HE20	52T 40	5500	ANT7	5.58	6.0
802.11ax HE20	52T 40	5500	MIMO	8.63	9.0
802.11ax HE20	52T 40	5580	ANT3	5.63	6.0
802.11ax HE20	52T 40	5580	ANT7	5.57	6.0
802.11ax HE20	52T 40	5580	MIMO	8.61	9.0
802.11ax HE20	52T 40	5700	ANT3	5.89	6.0
802.11ax HE20	52T 40	5700	ANT7	5.47	6.0
802.11ax HE20	52T 40	5700	MIMO	8.70	9.0
802.11ax HE20	106T 53	5500	ANT3	8.89	8.0
802.11ax HE20	106T 53	5500	ANT7	8.36	8.0
802.11ax HE20	106T 53	5500	MIMO	11.64	11.0
802.11ax HE20	106T 53	5580	ANT3	8.43	8.0
802.11ax HE20	106T 53	5580	ANT7	8.20	8.0
802.11ax HE20	106T 53	5580	MIMO	11.33	11.0
802.11ax HE20	106T 53	5700	ANT3	8.20	8.0
802.11ax HE20	106T 53	5700	ANT7	8.69	8.0
802.11ax HE20	106T 53	5700	MIMO	11.46	11.0
802.11ax HE20	106T 54	5500	ANT3	7.76	8.0
802.11ax HE20	106T 54	5500	ANT7	8.39	8.0
802.11ax HE20	106T 54	5500	MIMO	11.10	11.0
802.11ax HE20	106T 54	5580	ANT3	7.88	8.0
802.11ax HE20	106T 54	5580	ANT7	8.24	8.0
802.11ax HE20	106T 54	5580	MIMO	11.07	11.0
802.11ax HE20	106T 54	5700	ANT3	8.27	8.0
802.11ax HE20	106T 54	5700	ANT7	8.75	8.0
802.11ax HE20	106T 54	5700	MIMO	11.53	11.0
802.11ax HE20	242T 61	5500	ANT3	11.38	12.0
802.11ax HE20	242T 61	5500	ANT7	11.87	12.0

802.11ax HE20	242T 61	5500	MIMO	14.64	15.0
802.11ax HE20	242T 61	5580	ANT3	11.79	12.0
802.11ax HE20	242T 61	5580	ANT7	11.17	12.0
802.11ax HE20	242T 61	5580	MIMO	14.50	15.0
802.11ax HE20	242T 61	5700	ANT3	11.46	12.0
802.11ax HE20	242T 61	5700	ANT7	11.82	12.0
802.11ax HE20	242T 61	5700	MIMO	14.65	15.0
802.11be EHT20	26T 0	5500	ANT3	2.28	3.0
802.11be EHT20	26T 0	5500	ANT7	2.88	3.0
802.11be EHT20	26T 0	5500	MIMO	5.60	6.0
802.11be EHT20	26T 0	5580	ANT3	2.06	3.0
802.11be EHT20	26T 0	5580	ANT7	2.47	3.0
802.11be EHT20	26T 0	5580	MIMO	5.28	6.0
802.11be EHT20	26T 0	5700	ANT3	1.99	3.0
802.11be EHT20	26T 0	5700	ANT7	2.25	3.0
802.11be EHT20	26T 0	5700	MIMO	5.13	6.0
802.11be EHT20	26T 4	5500	ANT3	2.64	3.0
802.11be EHT20	26T 4	5500	ANT7	2.32	3.0
802.11be EHT20	26T 4	5500	MIMO	5.49	6.0
802.11be EHT20	26T 4	5580	ANT3	2.11	3.0
802.11be EHT20	26T 4	5580	ANT7	2.96	3.0
802.11be EHT20	26T 4	5580	MIMO	5.57	6.0
802.11be EHT20	26T 4	5700	ANT3	2.26	3.0
802.11be EHT20	26T 4	5700	ANT7	2.85	3.0
802.11be EHT20	26T 4	5700	MIMO	5.58	6.0
802.11be EHT20	26T 8	5500	ANT3	2.81	3.0
802.11be EHT20	26T 8	5500	ANT7	2.83	3.0
802.11be EHT20	26T 8	5500	MIMO	5.83	6.0
802.11be EHT20	26T 8	5580	ANT3	2.86	3.0
802.11be EHT20	26T 8	5580	ANT7	2.49	3.0
802.11be EHT20	26T 8	5580	MIMO	5.69	6.0
802.11be EHT20	26T 8	5700	ANT3	2.47	3.0
802.11be EHT20	26T 8	5700	ANT7	2.84	3.0
802.11be EHT20	26T 8	5700	MIMO	5.67	6.0
802.11be EHT20	52T 37	5500	ANT3	5.69	6.0
802.11be EHT20	52T 37	5500	ANT7	5.72	6.0
802.11be EHT20	52T 37	5500	MIMO	8.72	9.0
802.11be EHT20	52T 37	5580	ANT3	5.12	6.0
802.11be EHT20	52T 37	5580	ANT7	5.38	6.0
802.11be EHT20	52T 37	5580	MIMO	8.26	9.0
802.11be EHT20	52T 37	5700	ANT3	5.39	6.0
802.11be EHT20	52T 37	5700	ANT7	5.29	6.0
802.11be EHT20	52T 37	5700	MIMO	8.35	9.0
802.11be EHT20	52T 39	5500	ANT3	5.41	6.0

802.11be EHT20	52T 39	5500	ANT7	5.10	6.0
802.11be EHT20	52T 39	5500	MIMO	8.27	9.0
802.11be EHT20	52T 39	5580	ANT3	5.34	6.0
802.11be EHT20	52T 39	5580	ANT7	5.14	6.0
802.11be EHT20	52T 39	5580	MIMO	8.25	9.0
802.11be EHT20	52T 39	5700	ANT3	5.25	6.0
802.11be EHT20	52T 39	5700	ANT7	5.50	6.0
802.11be EHT20	52T 39	5700	MIMO	8.39	9.0
802.11be EHT20	52T 40	5500	ANT3	5.19	6.0
802.11be EHT20	52T 40	5500	ANT7	5.58	6.0
802.11be EHT20	52T 40	5500	MIMO	8.40	9.0
802.11be EHT20	52T 40	5580	ANT3	5.63	6.0
802.11be EHT20	52T 40	5580	ANT7	5.64	6.0
802.11be EHT20	52T 40	5580	MIMO	8.65	9.0
802.11be EHT20	52T 40	5700	ANT3	5.37	6.0
802.11be EHT20	52T 40	5700	ANT7	5.59	6.0
802.11be EHT20	52T 40	5700	MIMO	8.49	9.0
802.11be EHT20	106T 53	5500	ANT3	8.37	8.0
802.11be EHT20	106T 53	5500	ANT7	8.66	8.0
802.11be EHT20	106T 53	5500	MIMO	11.53	11.0
802.11be EHT20	106T 53	5580	ANT3	8.47	8.0
802.11be EHT20	106T 53	5580	ANT7	7.92	8.0
802.11be EHT20	106T 53	5580	MIMO	11.21	11.0
802.11be EHT20	106T 53	5700	ANT3	8.63	8.0
802.11be EHT20	106T 53	5700	ANT7	8.85	8.0
802.11be EHT20	106T 53	5700	MIMO	11.75	11.0
802.11be EHT20	106T 54	5500	ANT3	8.57	8.0
802.11be EHT20	106T 54	5500	ANT7	8.21	8.0
802.11be EHT20	106T 54	5500	MIMO	11.40	11.0
802.11be EHT20	106T 54	5580	ANT3	8.60	8.0
802.11be EHT20	106T 54	5580	ANT7	7.94	8.0
802.11be EHT20	106T 54	5580	MIMO	11.29	11.0
802.11be EHT20	106T 54	5700	ANT3	8.37	8.0
802.11be EHT20	106T 54	5700	ANT7	8.68	8.0
802.11be EHT20	106T 54	5700	MIMO	11.54	11.0
802.11be EHT20	242T 61	5500	ANT3	11.40	12.0
802.11be EHT20	242T 61	5500	ANT7	11.97	12.0
802.11be EHT20	242T 61	5500	MIMO	14.70	15.0
802.11be EHT20	242T 61	5580	ANT3	11.82	12.0
802.11be EHT20	242T 61	5580	ANT7	11.19	12.0
802.11be EHT20	242T 61	5580	MIMO	14.53	15.0
802.11be EHT20	242T 61	5700	ANT3	11.44	12.0
802.11be EHT20	242T 61	5700	ANT7	11.84	12.0
802.11be EHT20	242T 61	5700	MIMO	14.65	15.0

802.11be EHT20	26+52	5500	ANT3	5.51	6.0
802.11be EHT20	26+52	5500	ANT7	5.78	6.0
802.11be EHT20	26+52	5500	MIMO	8.66	9.0
802.11be EHT20	26+52	5580	ANT3	5.00	6.0
802.11be EHT20	26+52	5580	ANT7	5.27	6.0
802.11be EHT20	26+52	5580	MIMO	8.15	9.0
802.11be EHT20	26+52	5700	ANT3	5.36	6.0
802.11be EHT20	26+52	5700	ANT7	5.94	6.0
802.11be EHT20	26+52	5700	MIMO	8.67	9.0
802.11be EHT20	26+106	5500	ANT3	8.30	8.0
802.11be EHT20	26+106	5500	ANT7	8.48	8.0
802.11be EHT20	26+106	5500	MIMO	11.40	11.0
802.11be EHT20	26+106	5580	ANT3	8.45	8.0
802.11be EHT20	26+106	5580	ANT7	8.36	8.0
802.11be EHT20	26+106	5580	MIMO	11.42	11.0
802.11be EHT20	26+106	5700	ANT3	8.58	8.0
802.11be EHT20	26+106	5700	ANT7	8.70	8.0
802.11be EHT20	26+106	5700	MIMO	11.65	11.0
802.11ax HE40	484T 65	5510	ANT3	10.92	12.0
802.11ax HE40	484T 65	5510	ANT7	11.18	12.0
802.11ax HE40	484T 65	5510	MIMO	14.06	15.0
802.11ax HE40	484T 65	5670	ANT3	10.85	12.0
802.11ax HE40	484T 65	5670	ANT7	11.16	12.0
802.11ax HE40	484T 65	5670	MIMO	14.02	15.0
802.11be EHT40	484T 65	5510	ANT3	11.14	12.0
802.11be EHT40	484T 65	5510	ANT7	11.70	12.0
802.11be EHT40	484T 65	5510	MIMO	14.44	15.0
802.11be EHT40	484T 65	5670	ANT3	11.33	12.0
802.11be EHT40	484T 65	5670	ANT7	11.57	12.0
802.11be EHT40	484T 65	5670	MIMO	14.46	15.0
802.11ax HE80	996T 67	5530	ANT3	11.35	12.0
802.11ax HE80	996T 67	5530	ANT7	11.76	12.0
802.11ax HE80	996T 67	5530	MIMO	14.57	15.0
802.11ax HE80	996T 67	5610	ANT3	11.20	12.0
802.11ax HE80	996T 67	5610	ANT7	11.49	12.0
802.11ax HE80	996T 67	5610	MIMO	14.36	15.0
802.11be EHT80	996T 67	5530	ANT3	11.25	12.0
802.11be EHT80	996T 67	5530	ANT7	11.78	12.0
802.11be EHT80	996T 67	5530	MIMO	14.53	15.0
802.11be EHT80	996T 67	5610	ANT3	11.24	12.0
802.11be EHT80	996T 67	5610	ANT7	11.50	12.0
802.11be EHT80	996T 67	5610	MIMO	14.38	15.0
802.11be EHT80	242+484	5530	ANT3	8.65	12.0
802.11be EHT80	242+484	5530	ANT7	8.45	12.0

802.11be EHT80	242+484	5530	MIMO	11.56	15.0
802.11be EHT80	242+484	5610	ANT3	8.65	12.0
802.11be EHT80	242+484	5610	ANT7	8.58	12.0
802.11be EHT80	242+484	5610	MIMO	11.63	15.0
802.11ax HE160	1992T LH	5570	ANT3	11.75	12.0
802.11ax HE160	1992T LH	5570	ANT7	11.26	12.0
802.11ax HE160	1992T LH	5570	MIMO	14.52	15.0
802.11be EHT160	1992T LH	5570	ANT3	11.76	12.0
802.11be EHT160	1992T LH	5570	ANT7	11.26	12.0
802.11be EHT160	1992T LH	5570	MIMO	14.53	15.0
802.11be EHT160	484+996	5570	ANT3	8.32	9.0
802.11be EHT160	484+996	5570	ANT7	8.37	9.0
802.11be EHT160	484+996	5570	MIMO	11.36	12.0

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Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	Tuneup (dBm)
802.11a	NA	5745	Ant7	11.69	12.0
802.11a	NA	5745	Ant3	11.60	12.0
802.11a	NA	5785	Ant7	11.55	12.0
802.11a	NA	5785	Ant3	11.57	12.0
802.11a	NA	5825	Ant7	11.64	12.0
802.11a	NA	5825	Ant3	11.59	12.0
802.11n HT20	NA	5745	Ant7	11.97	12.0
802.11n HT20	NA	5745	Ant3	11.89	12.0
802.11n HT20	NA	5745	MIMO	14.94	15.0
802.11n HT20	NA	5785	Ant7	11.20	12.0
802.11n HT20	NA	5785	Ant3	11.29	12.0
802.11n HT20	NA	5785	MIMO	14.26	15.0
802.11n HT20	NA	5825	Ant7	11.72	12.0
802.11n HT20	NA	5825	Ant3	11.23	12.0
802.11n HT20	NA	5825	MIMO	14.49	15.0
802.11ac VHT20	NA	5745	Ant7	11.79	12.0
802.11ac VHT20	NA	5745	Ant3	11.86	12.0
802.11ac VHT20	NA	5745	MIMO	14.84	15.0
802.11ac VHT20	NA	5785	Ant7	11.14	12.0
802.11ac VHT20	NA	5785	Ant3	11.33	12.0
802.11ac VHT20	NA	5785	MIMO	14.25	15.0
802.11ac VHT20	NA	5825	Ant7	11.67	12.0
802.11ac VHT20	NA	5825	Ant3	11.27	12.0
802.11ac VHT20	NA	5825	MIMO	14.48	15.0
802.11n HT40	NA	5755	Ant7	11.27	12.0

802.11n HT40	NA	5755	Ant3	11.52	12.0
802.11n HT40	NA	5755	MIMO	14.41	15.0
802.11n HT40	NA	5795	Ant7	11.60	12.0
802.11n HT40	NA	5795	Ant3	11.59	12.0
802.11n HT40	NA	5795	MIMO	14.61	15.0
802.11ac VHT40	NA	5755	Ant7	11.29	12.0
802.11ac VHT40	NA	5755	Ant3	11.52	12.0
802.11ac VHT40	NA	5755	MIMO	14.42	15.0
802.11ac VHT40	NA	5795	Ant7	11.62	12.0
802.11ac VHT40	NA	5795	Ant3	11.61	12.0
802.11ac VHT40	NA	5795	MIMO	14.63	15.0
802.11ac VHT80	NA	5775	Ant7	11.21	12.0
802.11ac VHT80	NA	5775	Ant3	11.37	12.0
802.11ac VHT80	NA	5775	MIMO	14.30	15.0

Mode	Tones/	Frequency	Antenna	Conducted average	Tuneup
	RUIndex	(MHz)		power output(dBm)	(dBm)
802.11ax HE20	26T 0	5745	Ant3	2.22	3.0
802.11ax HE20	26T 0	5745	Ant7	2.15	3.0
802.11ax HE20	26T 0	5745	MIMO	5.20	6.0
802.11ax HE20	26T 0	5785	Ant3	2.79	3.0
802.11ax HE20	26T 0	5785	Ant7	2.90	3.0
802.11ax HE20	26T 0	5785	MIMO	5.86	6.0
802.11ax HE20	26T 0	5825	Ant3	2.60	3.0
802.11ax HE20	26T 0	5825	Ant7	2.98	3.0
802.11ax HE20	26T 0	5825	MIMO	5.80	6.0
802.11ax HE20	26T 4	5745	Ant3	2.39	3.0
802.11ax HE20	26T 4	5745	Ant7	2.90	3.0
802.11ax HE20	26T 4	5745	MIMO	5.66	6.0
802.11ax HE20	26T 4	5785	Ant3	2.88	3.0
802.11ax HE20	26T 4	5785	Ant7	2.48	3.0
802.11ax HE20	26T 4	5785	MIMO	5.69	6.0
802.11ax HE20	26T 4	5825	Ant3	2.36	3.0
802.11ax HE20	26T 4	5825	Ant7	2.61	3.0
802.11ax HE20	26T 4	5825	MIMO	5.50	6.0
802.11ax HE20	26T 8	5745	Ant3	2.63	3.0
802.11ax HE20	26T 8	5745	Ant7	2.50	3.0
802.11ax HE20	26T 8	5745	MIMO	5.58	6.0
802.11ax HE20	26T 8	5785	Ant3	2.46	3.0
802.11ax HE20	26T 8	5785	Ant7	2.49	3.0
802.11ax HE20	26T 8	5785	MIMO	5.49	6.0
802.11ax HE20	26T 8	5825	Ant3	2.68	3.0
802.11ax HE20	26T 8	5825	Ant7	2.46	3.0

802.11ax HE20	26T 8	5825	MIMO	5.58	6.0
802.11ax HE20	52T 37	5745	Ant3	5.66	6.0
802.11ax HE20	52T 37	5745	Ant7	5.80	6.0
802.11ax HE20	52T 37	5745	MIMO	8.74	9.0
802.11ax HE20	52T 37	5785	Ant3	5.30	6.0
802.11ax HE20	52T 37	5785	Ant7	5.54	6.0
802.11ax HE20	52T 37	5785	MIMO	8.43	9.0
802.11ax HE20	52T 37	5825	Ant3	5.70	6.0
802.11ax HE20	52T 37	5825	Ant7	5.20	6.0
802.11ax HE20	52T 37	5825	MIMO	8.47	9.0
802.11ax HE20	52T 39	5745	Ant3	5.48	6.0
802.11ax HE20	52T 39	5745	Ant7	5.89	6.0
802.11ax HE20	52T 39	5745	MIMO	8.70	9.0
802.11ax HE20	52T 39	5785	Ant3	5.92	6.0
802.11ax HE20	52T 39	5785	Ant7	5.59	6.0
802.11ax HE20	52T 39	5785	MIMO	8.77	9.0
802.11ax HE20	52T 39	5825	Ant3	5.68	6.0
802.11ax HE20	52T 39	5825	Ant7	5.59	6.0
802.11ax HE20	52T 39	5825	MIMO	8.65	9.0
802.11ax HE20	52T 40	5745	Ant3	5.86	6.0
802.11ax HE20	52T 40	5745	Ant7	5.73	6.0
802.11ax HE20	52T 40	5745	MIMO	8.81	9.0
802.11ax HE20	52T 40	5785	Ant3	5.28	6.0
802.11ax HE20	52T 40	5785	Ant7	5.76	6.0
802.11ax HE20	52T 40	5785	MIMO	8.54	9.0
802.11ax HE20	52T 40	5825	Ant3	5.71	6.0
802.11ax HE20	52T 40	5825	Ant7	5.07	6.0
802.11ax HE20	52T 40	5825	MIMO	8.41	9.0
802.11ax HE20	106T 53	5745	Ant3	8.33	8.0
802.11ax HE20	106T 53	5745	Ant7	8.64	8.0
802.11ax HE20	106T 53	5745	MIMO	11.50	11.0
802.11ax HE20	106T 53	5785	Ant3	8.80	8.0
802.11ax HE20	106T 53	5785	Ant7	8.32	8.0
802.11ax HE20	106T 53	5785	MIMO	11.58	11.0
802.11ax HE20	106T 53	5825	Ant3	8.80	8.0
802.11ax HE20	106T 53	5825	Ant7	8.24	8.0
802.11ax HE20	106T 53	5825	MIMO	11.54	11.0
802.11ax HE20	106T 54	5745	Ant3	8.60	8.0
802.11ax HE20	106T 54	5745	Ant7	8.68	8.0
802.11ax HE20	106T 54	5745	MIMO	11.65	11.0
802.11ax HE20	106T 54	5785	Ant3	8.86	8.0
802.11ax HE20	106T 54	5785	Ant7	8.30	8.0
802.11ax HE20	106T 54	5785	MIMO	11.60	11.0
802.11ax HE20	106T 54	5825	Ant3	8.87	8.0

802.11ax HE20	106T 54	5825	Ant7	8.34	8.0
802.11ax HE20	106T 54	5825	MIMO	11.62	11.0
802.11ax HE20	242T 61	5745	Ant3	11.71	12.0
802.11ax HE20	242T 61	5745	Ant7	11.75	12.0
802.11ax HE20	242T 61	5745	MIMO	14.74	15.0
802.11ax HE20	242T 61	5785	Ant3	10.96	12.0
802.11ax HE20	242T 61	5785	Ant7	11.06	12.0
802.11ax HE20	242T 61	5785	MIMO	14.02	15.0
802.11ax HE20	242T 61	5825	Ant3	11.43	12.0
802.11ax HE20	242T 61	5825	Ant7	11.01	12.0
802.11ax HE20	242T 61	5825	MIMO	14.24	15.0
802.11be EHT20	26T 0	5745	Ant3	2.68	3.0
802.11be EHT20	26T 0	5745	Ant7	3.16	3.0
802.11be EHT20	26T 0	5745	MIMO	5.94	6.0
802.11be EHT20	26T 0	5785	Ant3	2.94	3.0
802.11be EHT20	26T 0	5785	Ant7	2.86	3.0
802.11be EHT20	26T 0	5785	MIMO	5.91	6.0
802.11be EHT20	26T 0	5825	Ant3	2.54	3.0
802.11be EHT20	26T 0	5825	Ant7	2.98	3.0
802.11be EHT20	26T 0	5825	MIMO	5.78	6.0
802.11be EHT20	26T 4	5745	Ant3	2.36	3.0
802.11be EHT20	26T 4	5745	Ant7	2.90	3.0
802.11be EHT20	26T 4	5745	MIMO	5.65	6.0
802.11be EHT20	26T 4	5785	Ant3	2.53	3.0
802.11be EHT20	26T 4	5785	Ant7	2.53	3.0
802.11be EHT20	26T 4	5785	MIMO	5.54	6.0
802.11be EHT20	26T 4	5825	Ant3	2.33	3.0
802.11be EHT20	26T 4	5825	Ant7	2.68	3.0
802.11be EHT20	26T 4	5825	MIMO	5.52	6.0
802.11be EHT20	26T 8	5745	Ant3	2.60	3.0
802.11be EHT20	26T 8	5745	Ant7	2.94	3.0
802.11be EHT20	26T 8	5745	MIMO	5.78	6.0
802.11be EHT20	26T 8	5785	Ant3	2.92	3.0
802.11be EHT20	26T 8	5785	Ant7	2.50	3.0
802.11be EHT20	26T 8	5785	MIMO	5.73	6.0
802.11be EHT20	26T 8	5825	Ant3	2.60	3.0
802.11be EHT20	26T 8	5825	Ant7	2.65	3.0
802.11be EHT20	26T 8	5825	MIMO	5.64	6.0
802.11be EHT20	52T 37	5745	Ant3	5.64	6.0
802.11be EHT20	52T 37	5745	Ant7	5.86	6.0
802.11be EHT20	52T 37	5745	MIMO	8.76	9.0
802.11be EHT20	52T 37	5785	Ant3	5.75	6.0
802.11be EHT20	52T 37	5785	Ant7	5.44	6.0
802.11be EHT20	52T 37	5785	MIMO	8.61	9.0

802.11be EHT20	52T 37	5825	Ant3	5.67	6.0
802.11be EHT20	52T 37	5825	Ant7	5.30	6.0
802.11be EHT20	52T 37	5825	MIMO	8.50	9.0
802.11be EHT20	52T 39	5745	Ant3	5.35	6.0
802.11be EHT20	52T 39	5745	Ant7	5.94	6.0
802.11be EHT20	52T 39	5745	MIMO	8.67	9.0
802.11be EHT20	52T 39	5785	Ant3	5.95	6.0
802.11be EHT20	52T 39	5785	Ant7	5.56	6.0
802.11be EHT20	52T 39	5785	MIMO	8.77	9.0
802.11be EHT20	52T 39	5825	Ant3	5.46	6.0
802.11be EHT20	52T 39	5825	Ant7	5.61	6.0
802.11be EHT20	52T 39	5825	MIMO	8.55	9.0
802.11be EHT20	52T 40	5745	Ant3	5.98	6.0
802.11be EHT20	52T 40	5745	Ant7	5.75	6.0
802.11be EHT20	52T 40	5745	MIMO	8.88	9.0
802.11be EHT20	52T 40	5785	Ant3	5.25	6.0
802.11be EHT20	52T 40	5785	Ant7	5.80	6.0
802.11be EHT20	52T 40	5785	MIMO	8.54	9.0
802.11be EHT20	52T 40	5825	Ant3	5.67	6.0
802.11be EHT20	52T 40	5825	Ant7	5.60	6.0
802.11be EHT20	52T 40	5825	MIMO	8.65	9.0
802.11be EHT20	106T 53	5745	Ant3	8.02	8.0
802.11be EHT20	106T 53	5745	Ant7	8.86	8.0
802.11be EHT20	106T 53	5745	MIMO	11.47	11.0
802.11be EHT20	106T 53	5785	Ant3	8.46	8.0
802.11be EHT20	106T 53	5785	Ant7	8.49	8.0
802.11be EHT20	106T 53	5785	MIMO	11.49	11.0
802.11be EHT20	106T 53	5825	Ant3	8.99	8.0
802.11be EHT20	106T 53	5825	Ant7	8.34	8.0
802.11be EHT20	106T 53	5825	MIMO	11.69	11.0
802.11be EHT20	106T 54	5745	Ant3	8.33	8.0
802.11be EHT20	106T 54	5745	Ant7	8.69	8.0
802.11be EHT20	106T 54	5745	MIMO	11.52	11.0
802.11be EHT20	106T 54	5785	Ant3	8.60	8.0
802.11be EHT20	106T 54	5785	Ant7	8.86	8.0
802.11be EHT20	106T 54	5785	MIMO	11.74	11.0
802.11be EHT20	106T 54	5825	Ant3	8.64	8.0
802.11be EHT20	106T 54	5825	Ant7	8.17	8.0
802.11be EHT20	106T 54	5825	MIMO	11.42	11.0
802.11be EHT20	242T 61	5745	Ant3	11.69	12.0
802.11be EHT20	242T 61	5745	Ant7	11.66	12.0
802.11be EHT20	242T 61	5745	MIMO	14.69	15.0
802.11be EHT20	242T 61	5785	Ant3	11.00	12.0
802.11be EHT20	242T 61	5785	Ant7	11.07	12.0

802.11be EHT20	242T 61	5785	MIMO	14.05	15.0
802.11be EHT20	242T 61	5825	Ant3	11.46	12.0
802.11be EHT20	242T 61	5825	Ant7	11.00	12.0
802.11be EHT20	242T 61	5825	MIMO	14.25	15.0
802.11be EHT20	26+52	5745	Ant3	5.53	6.0
802.11be EHT20	26+52	5745	Ant7	5.91	6.0
802.11be EHT20	26+52	5745	MIMO	8.73	9.0
802.11be EHT20	26+52	5785	Ant3	5.09	6.0
802.11be EHT20	26+52	5785	Ant7	5.62	6.0
802.11be EHT20	26+52	5785	MIMO	8.37	9.0
802.11be EHT20	26+52	5825	Ant3	5.60	6.0
802.11be EHT20	26+52	5825	Ant7	5.50	6.0
802.11be EHT20	26+52	5825	MIMO	8.56	9.0
802.11be EHT20	26+106	5745	Ant3	8.47	8.0
802.11be EHT20	26+106	5745	Ant7	8.83	8.0
802.11be EHT20	26+106	5745	MIMO	11.66	11.0
802.11be EHT20	26+106	5785	Ant3	8.34	8.0
802.11be EHT20	26+106	5785	Ant7	8.44	8.0
802.11be EHT20	26+106	5785	MIMO	11.40	11.0
802.11be EHT20	26+106	5825	Ant3	8.88	8.0
802.11be EHT20	26+106	5825	Ant7	8.36	8.0
802.11be EHT20	26+106	5825	MIMO	11.64	11.0
802.11ax HE40	484T 65	5755	Ant3	11.54	12.0
802.11ax HE40	484T 65	5755	Ant7	11.81	12.0
802.11ax HE40	484T 65	5755	MIMO	14.69	15.0
802.11ax HE40	484T 65	5795	Ant3	11.94	12.0
802.11ax HE40	484T 65	5795	Ant7	11.81	12.0
802.11ax HE40	484T 65	5795	MIMO	14.89	15.0
802.11be EHT40	484T 65	5755	Ant3	11.97	12.0
802.11be EHT40	484T 65	5755	Ant7	11.17	12.0
802.11be EHT40	484T 65	5755	MIMO	14.60	15.0
802.11be EHT40	484T 65	5795	Ant3	11.18	12.0
802.11be EHT40	484T 65	5795	Ant7	11.34	12.0
802.11be EHT40	484T 65	5795	MIMO	14.27	15.0
802.11ax HE80	996T 67	5775	Ant3	11.22	12.0
802.11ax HE80	996T 67	5775	Ant7	11.29	12.0
802.11ax HE80	996T 67	5775	MIMO	14.27	15.0
802.11be EHT80	996T 67	5775	Ant3	11.20	12.0
802.11be EHT80	996T 67	5775	Ant7	11.32	12.0
802.11be EHT80	996T 67	5775	MIMO	14.27	15.0
802.11be EHT80	242+484	5775	Ant3	8.66	9.0
802.11be EHT80	242+484	5775	Ant7	8.83	9.0
802.11be EHT80	242+484	5775	MIMO	11.76	12.0

Appendix E. Photographs of SAR Setup

The photographs of SAR Setup are shown as attached.