SAR TEST REPORT

No.24T04Z102259-015

For

TCL Communication Ltd.

GSM/UMTS/LTE/NR Mobile phone

Model Name: T702Z

with

Hardware Version: 03

Software Version: 9L3N

FCC ID: 2ACCJH184

Issued Date: 2024-11-28

Note:

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

Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191.

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
24T04Z102259-015	Rev.0	2024-11-23	Initial creation of test report
24T04Z102259-015	Rev.1	2024-11-28	Add Simultaneous transmission 10-g SAR on page8; Update information for the Tune up power of GSM 1900 ANT2 speech mode on page 26-28; Add WCDMA HSDPA subtest-4 on page 29.

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1 Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

Location 1: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191

1.3. Testing Environment

Normal Temperature: 15-35℃

Extreme Temperature: -10/+55℃

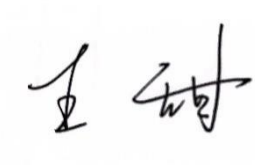
Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2024-10-23

Testing End Date: 2024-11-19

1.5. Signature

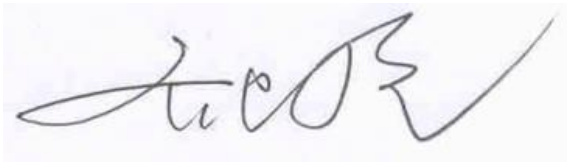


Wang Tian

(Prepared this test report)

Lin Jun

(Reviewed this test report)



Qi Dianyuan

Deputy Director of the laboratory

(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for TCL Communication Ltd. GSM/UMTS/LTE/NR Mobile phone T702Z are as follows:

Table 2.1: Highest Reported SAR -Standalone(1g)

Mode		Antenna	Highest Reported SAR (1g)			Product Specific 10-g SAR 0mm
			1g SAR Head	1g SAR Body-worn 15mm	1g SAR Hotspot 10mm	
GSM	GSM 850	0	1.30	0.63[1]	0.63	\
	PCS 1900	2	0.66	0.40[1]	0.40	\
WCDMA	UMTS FDD 2	2	0.39	0.73[1]	0.73	\
	UMTS FDD 4	2	0.66	0.65[1]	0.65	\
	UMTS FDD 5	0	0.62	0.45[1]	0.45	\
LTE	LTE Band2	2	0.51	0.41	0.53	\
	LTE Band2	1	0.12	0.54	0.66	\
	LTE Band4	2	0.49	0.19	0.27	\
	LTE Band5	0	0.54	0.50 [1]	0.50	\
	LTE Band7	4	0.84	0.30	0.73	\
	LTE Band12/17	0	0.74	0.38[1]	0.38	\
	LTE Band13	0	0.73	0.44[1]	0.44	\
	LTE Band14	0	0.61	0.37[1]	0.37	\
	LTE Band25	2	0.60	0.27	0.52	\
	LTE Band26	0	0.59	0.39 [1]	0.39	\
	LTE Band30	6	1.15	0.56	0.92	\
	LTE Band38	4	0.56	0.62[1]	0.62	\
	LTE Band41 PC2	4	0.58	0.47	1.13(1.134)	2.71
	LTE Band41 PC3	4	0.48	0.43	0.65	\
	LTE Band66	2	0.45	0.22	0.38	\
	LTE Band66	1	0.14	0.64	0.55	\
	LTE Band71	0	0.38	0.20[1]	0.20	\
NR	N2	2	0.78	0.46	0.55	\
	N5	0	0.57	0.59[1]	0.59	\
	N25	2	0.94	0.53	0.75	\
	N30	6	1.20	0.61	0.90	2.22
	N41	4	1.09	0.81	1.13(1.127)	2.85
	N41	1	0.24	0.29	0.28	\
	N48	2	0.45	0.58	1.09	1.65
	N66	2	0.84	0.39	0.51	\
	N70	2	0.61	0.24	0.37	\
	N71	0	0.50	0.29[1]	0.29	\
	N77/78	2	0.47	0.79	0.99	2.21
	N77	6	0.58	0.34	0.47	\

WLAN 2.4G	7	0.85	0.03	0.48	\
WLAN 5G	7	0.99	0.12	1.07	0.24
BT	7	＜0.01	＜0.01	0.01	\

Note1: SAR result at 10mm is used for conservative evaluation.

Note2: The device have similar frequency in some bands ：LTEB12/17, NR78/77 since the supported frequency spans for the smaller bands are completely cover by the larger bands and the channel bandwidth and other operating parameters for the smaller band be fully supported by the larger band, therefore, only larger bands were required to be tested for SAR

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

For body operation, this device has been tested and meets FCC RF exposure guidelines when used with any accessory that contains no metal and which provides a minimum separation distance of 10 mm for hotspot and 15mm for body worn between this device and the body of the user. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output.

The measurement together with the test system set-up is described in annex C. A detailed description of the equipment under test can be found in chapter 4 of this test report. The highest reported SAR value is obtained at the case of (Table 2.1), and the values are:

Head: 1.30 W/kg(1g)

Body: 1.13 W/kg(1g)

Table 2.2: Highest Reported SAR -Simultaneous transmission

reported SAR 1g (W/kg)

WWAN+WIFI	LTEB30 ANT6	N5 ANT0	WIFI5G	BT	NSA+WIFI5G+BT
Rear 10mm	0.59	0.59	0.33	0.01	1.52

reported SAR 10g (W/kg)

WWAN+WIFI	N41 ANT4	WIFI5G ANT7	BT	WWAN+WIFI5G+BT
Rear 0mm	2.85	0.24	0.01	3.10

Conclusion:

According to the above tables, the sum of reported SAR values is<1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

According to the above tables, the highest sum of reported SAR values is **1.52 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 15.

3 Client Information

3.1 Applicant Information

Company Name:	TCL Communication Ltd.
City:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person:	Ting Wang
E-mail:	ting.wang.hz@tcl.com
Telephone:	+86 752 2639091
Fax:	\

3.2 Manufacturer Information

Company Name:	TCL Communication Ltd.
Address /Post:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person:	Ting Wang
E-mail:	ting.wang.hz@tcl.com
Telephone:	+86 752 2639091
Fax:	\

4 Equipment Under Test (EUT) and Ancillary Equipment (AE)

4.1 About EUT

Description:	GSM/UMTS/LTE/NR Mobile phone
Model name:	T702Z
Operating mode(s):	GSM850/1900, WCDMA B2/4/5 LTE Band2/4/5/7/12/13/14/17/25/26/30/38/41/66/71 5G NR N2/5/25/30/41/48/66/70/71/77/78 BT, Wi-Fi(2.4G), Wi-Fi(5G) ,NFC
Tested Tx Frequency:	824 – 849 MHz (GSM 850)
	1850 – 1910 MHz (GSM 1900)
	824–849 MHz (WCDMA 850 Band V)
	1710 – 1755 MHz (WCDMA 1700 Band IV)
	1850–1910 MHz (WCDMA1900 Band II)
	1850 – 1910 MHz(LTE Band 2)
	1710 – 1755 MHz (LTE Band 4)
	824 – 849 MHz (LTE Band 5)
	2500 – 2570 MHz (LTE Band 7)
	699 – 716 MHz (LTE Band 12)
	777 –787 MHz (LTE Band 13)
	790 -798 MHz (LTE Band 14)
	704 –716 MHz (LTE Band 17)
	1850 – 1915 MHz (LTE Band 25)
	814 – 849 MHz (LTE Band 26)
	2305 – 2315 MHz (LTE Band 30)
	2570 – 2620 MHz (LTE Band 38)
	2496 – 2690 MHz (LTE Band 41)
	1710 – 1780 MHz (LTE Band 66)
	665.5 – 695.5 MHz (LTE Band 71)
	1850 – 1910 MHz(n2)
	824 – 849 MHz(n5)
	1850 – 1915 MHz(n25)
	2305 – 2315 MHz (n30)
	2496 – 2690 MHz (n41)
	3550-3700 MHz (n48)
	1710– 1780 MHz (n66)
	1695 – 1710 MHz (n70)
	663 – 698 MHz (n71)
	3450 – 3550 MHz (n77L)
	3700 – 3980 MHz (n77H)
	3450 – 3550 MHz (n78L)
	3700 – 3800 MHz (n78H)
	13.56 MHz (NFC)
	2400 – 2483.5 MHz (Bluetooth)
	2412 – 2462 MHz (Wi-Fi 2.4G)
	5180 – 5240 MHz (Wi-Fi 5.2G)
	5260 – 5320 MHz (Wi-Fi 5.3G)
	5500 – 5720 MHz (Wi-Fi 5.5G)
	5745 – 5825 MHz (Wi-Fi 5.8G)

GPRS/EGPRS Multislot Class:	12
GPRS capability Class:	B
Antenna type:	Integrated antenna
Hotspot mode:	Support

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW	SW Version
EUT1	016605000000990/016605000001006	03	9L3N
EUT2	016605000205839/016605000205847	03	9L3N
EUT3	016605000000958/016605000000966	03	9L3N
EUT4	016605000206035/016605000206043	03	9L3N
EUT5	016605000206076/016605000206084	03	9L3N
EUT6	016605000206118/016605000206126	03	9L3N
EUT7	016605000206092/016605000206100	03	9L3N

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

Note: It is performed to test SAR with the EUT5-8 and conducted power with the EUT1~4.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	TLp049C9	\	FENGHUA
AE2	Battery	TLp049D7	\	VEKEN

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

5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

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

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

It specifies the maximum exposure limit of **4.0 W/kg** as averaged over any 10 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.

5.2 Applicable Measurement Standards

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

KDB447498 D01: General RF Exposure Guidance v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

KDB648474 D04 Handset SAR v01r03: SAR Evaluation Considerations for Wireless Handsets.

KDB941225 D01 SAR test for 3G devices v03r01: SAR Measurement Procedures for 3G Devices

KDB941225 D05 SAR for LTE Devices v02r05: SAR Evaluation Considerations for LTE Devices

KDB941225 D06 Hotspot Mode SAR v02r01: SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities

KDB248227 D01 802.11 Wi-Fi SAR v02r02: SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS

KDB865664 D01SAR measurement 100 MHz to 6 GHz v01r04: SAR Measurement Requirements for 100 MHz to 6 GHz.

KDB865664 D02RF Exposure Reporting v01r02: RF Exposure Compliance Reporting and Documentation Considerations

6 Specific Absorption Rate (SAR)

6.1 Introduction

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

6.2 SAR Definition

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

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

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

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

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

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

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

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

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

7 Tissue Simulating Liquids

The temperature of the tissue-equivalent medium used during measurement must also be within 18 °C to 25 °C and within ± 2 °C of the temperature when the tissue parameters are characterized. The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.

The dielectric constant (εr) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within ± 5% of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEEE Std 1528-2013, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for εr and σ may be relaxed to ± 10%. This is limited to frequencies ≤ 3 GHz.

7.1 Targets for tissue simulating liquid

Table 7.1: Targets for tissue simulating liquid

Frequency(MHz)	Liquid Type	Conductivity(σ)	±10% Range	Permittivity(ε)	± 10% Range
750	Head	0.89	0.80～0.98	41.94	37.75～46.13
835	Head	0.90	0.81～0.99	41.5	37.35～45.65
1750	Head	1.37	1.26～1.54	40.0	36～44
1900	Head	1.40	1.26～1.54	40.0	36～44
2450	Head	1.80	1.62～1.98	39.2	35.28～43.12
2600	Head	1.96	1.76～2.16	39.01	35.11～42.91
Frequency(MHz)	Liquid Type	Conductivity(σ)	±5% Range	Permittivity(ε)	± 5% Range
3500	Head	2.91	2.76～3.06	37.93	36.03～39.83
3700	Head	3.22	3.06～3.38	37.6	35.72～39.48
3900	Head	3.32	3.15～3.49	37.5	35.63～39.38
5250	Head	4.71	4.47～4.95	35.93	34.13～37.73
5600	Head	5.07	4.82～5.32	35.53	33.8～37.3
5750	Head	5.22	4.96～5.48	35.36	33.59～37.13

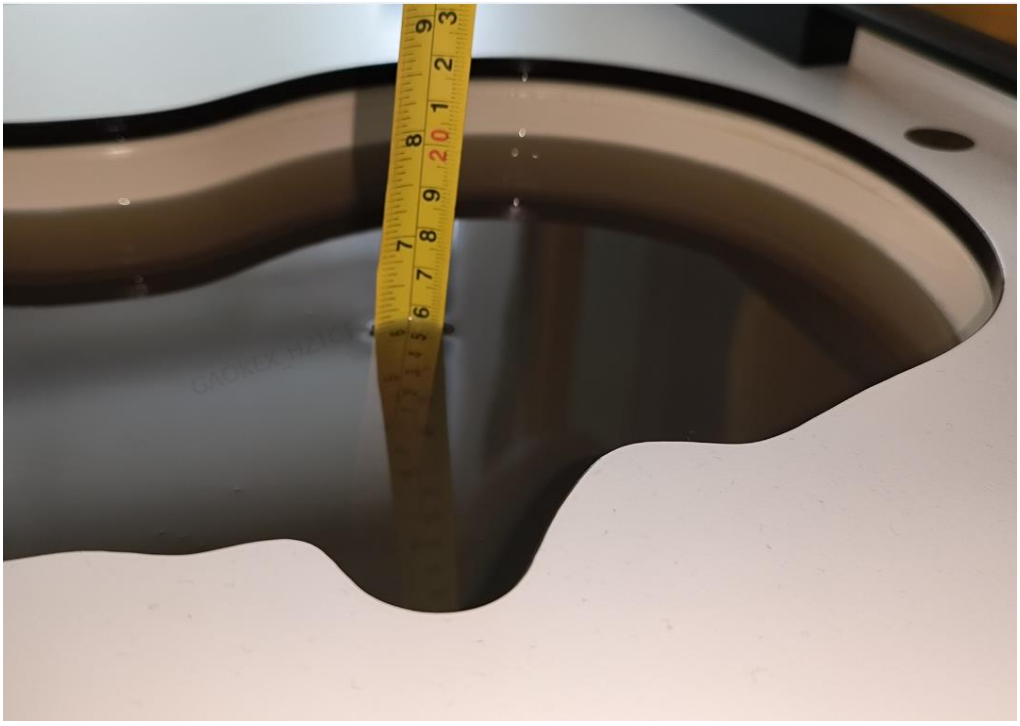
7.2 Dielectric Performance

Table 7.2: Dielectric Performance of Tissue Simulating Liquid

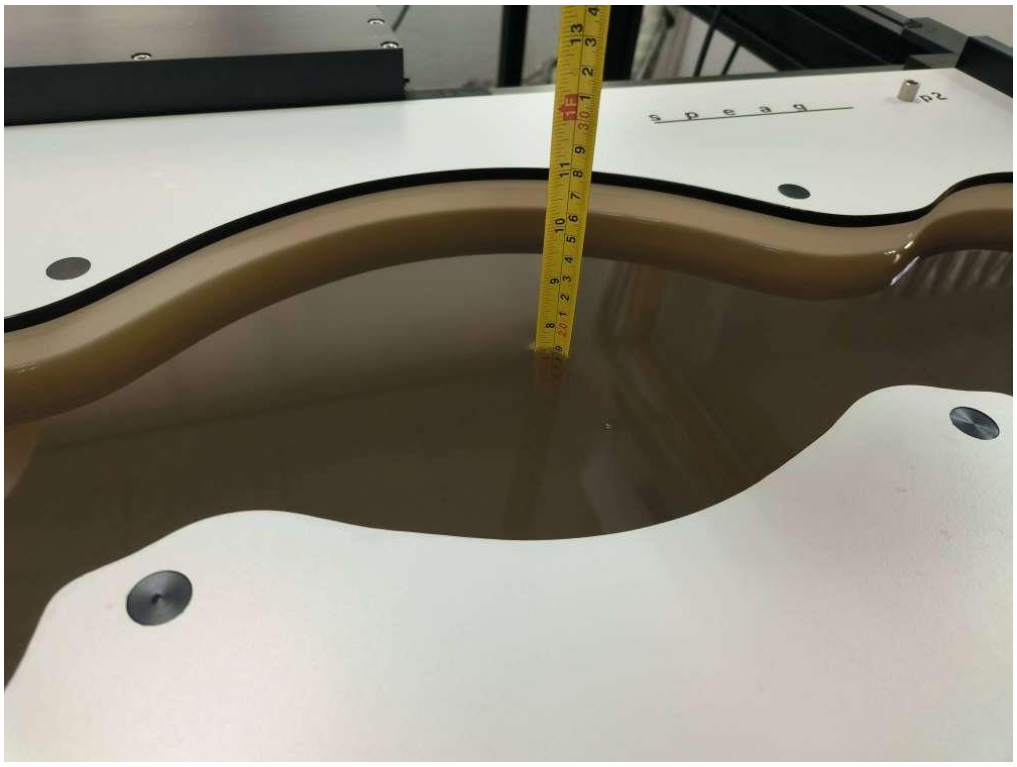
Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2024/11/14	Head	13 MHz	53.4	-2.91%	0.73	-2.67%
2024/10/25	Head	750MHz	44.49	6.08%	0.864	-2.92%
2024/10/29	Head	835 MHz	44.22	6.55%	0.8558	-4.91%
2024/11/9	Head	1750MHz	42.03	4.87%	1.342	-2.04%
2024/11/12	Head	1900 MHz	41.79	4.48%	1.439	2.79%
2024/11/14	Head	2300 MHz	41.11	4.16%	1.731	3.65%
2024/10/29	Head	2450 MHz	40.79	4.06%	1.854	3.00%
2024/11/15	Head	2600 MHz	40.57	4.00%	2.058	5.00%
2024/11/17	Head	3500 MHz	38.54	1.61%	2.869	-1.41%

2024/11/18	Head	3700 MHz	38.21	1.35%	3.048	-2.31%
2024/11/19	Head	3900 MHz	37.91	1.17%	3.256	-1.93%
2024/11/1	Head	5250 MHz	35.23	-1.95%	4.705	-0.11%
2024/11/2	Head	5600 MHz	34.53	-2.81%	5.095	0.49%
2024/11/2	Head	5750 MHz	34.28	-3.05%	5.25	0.57%

Note: The liquid temperature is 22.0℃



Picture 7-1 Liquid depth in the Head Phantom

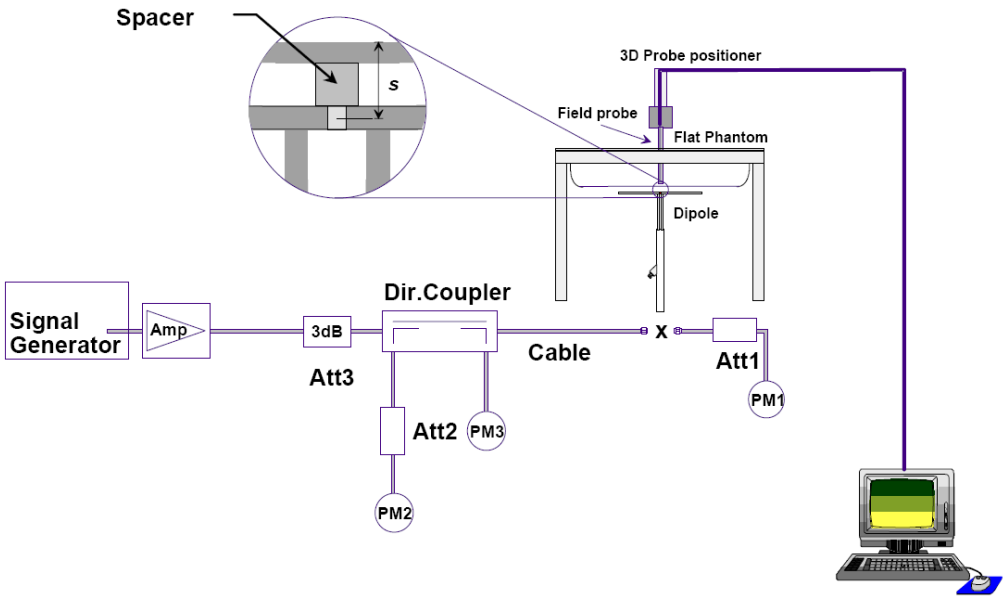


Picture 7-2 Liquid depth in the Head Phantom

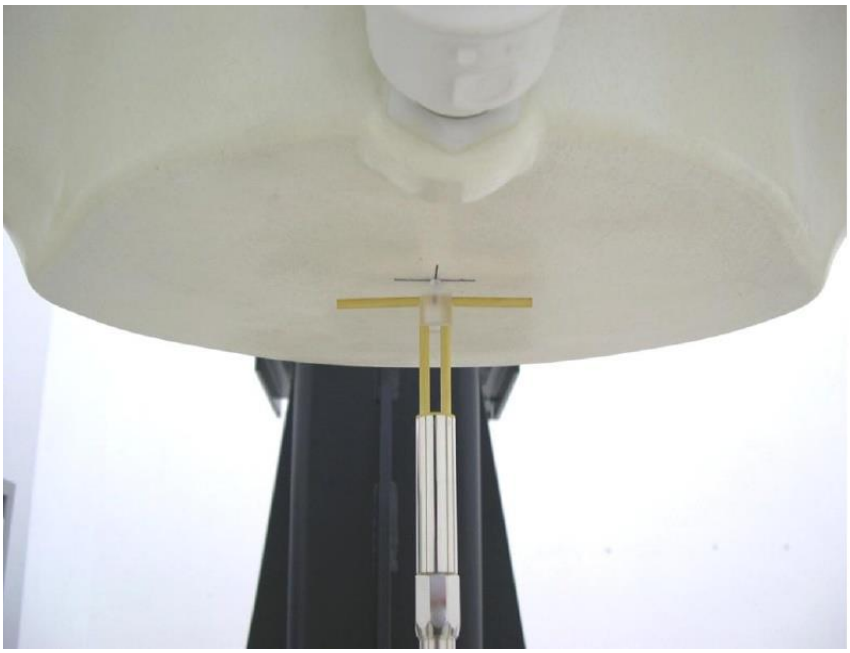
8 System verification

8.1 System Setup

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



Picture 8.1 System Setup for System Evaluation



Picture 8.2 Photo of Dipole Setup

8.2 System Verification

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

Table 8.1: System Verification of Head

Measurement Date (yyyy-mm-dd)	Frequency	Target value (W/kg)		Measured value(W/kg)		Deviation	
		10 g Average	1 g Average	10 g Average	1 g Average	10 g Average	1 g Average
2024/11/14	13 MHz	0.340	0.553	0.33	0.546	-2.65%	-1.27%
2024/10/25	750 MHz	5.53	8.52	5.48	8.36	-0.90%	-1.88%
2024/10/29	835 MHz	6.09	9.47	6.16	9.64	1.15%	1.80%
2024/11/9	1750 MHz	19.8	37.2	19.9	38.3	0.61%	3.01%
2024/11/12	1900 MHz	20.6	39.1	20.6	39.6	0.19%	1.18%
2024/11/14	2300 MHz	23.3	48.2	23.1	47.2	-0.77%	-2.07%
2024/10/29	2450 MHz	24.5	52.2	25.4	53.6	3.67%	2.68%
2024/11/15	2600 MHz	24.8	54.9	25.7	56.4	3.55%	2.73%
2024/11/17	3500 MHz	25.7	68.0	25.1	65.2	-2.33%	-4.12%
2024/11/18	3700 MHz	24.9	68.7	24.9	66.1	0.00%	-3.78%
2024/11/19	3900 MHz	24.5	70.2	24.7	66.5	0.82%	-5.27%
2024/11/1	5250 MHz	22.4	78.3	22.8	76.9	1.79%	-1.79%
2024/11/2	5600 MHz	23.2	81.7	23.5	79.5	1.29%	-2.69%
2024/11/2	5750 MHz	22.8	79.9	23.1	79.7	1.32%	-0.25%

9 General Measurement Procedure

9.1 *Power Reference Measurement*

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

9.2 *Area Scan*

The area scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum found in the scanned area, within a range of the global maximum. The range (in dB0 is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan), if only one zoom scan follows the area scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of zoom scans has to be increased accordingly.
Area scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

<table>
<tr><td></td><td>≤ 3 GHz</td><td>> 3 GHz</td></tr>
<tr><td>Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5 ± 1 mm</td><td>½·δ·ln(2) ± 0.5 mm</td></tr>
<tr><td>Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30° ± 1°</td><td>20° ± 1°</td></tr>
<tr><td rowspan="2">Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3 – 4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.</td></tr>
</table>

9.3 *Zoom Scan*

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

Zoom Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* When zoom scan is required and the *reported* SAR from the *area scan based 1-g SAR estimation* procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

9.4 *Power drift measurement*

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as 9.1.

10 Measurement Procedure for different technologies

10.1 GSM/GPRS Measurement Procedures for SAR

GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The 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. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

10.2 WCDMA Measurement Procedures for SAR

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

For Release 5 HSDPA Data Devices:

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

For Release 6 HSPA Data Devices

Sub-test	β_c	β_d	β_d （SF）	β_c/β_d	β_{hs}	β_{ec}	β_{ed}	β_{ed} （SF）	β_{ed} （codes）	CM (dB)	MPR (dB)	AG Index	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1039/225	4	1	1.5	1.5	20	75
2	6/15	15/15	64	6/15	12/15	12/15	12/15	4	1	1.5	1.5	12	67

3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1}:47/15 β_{ed2}:47/15	4	2	1.5	1.5	15	92
4	2/15	15/15	64	2/15	4/15	4/15	56/75	4	1	1.5	1.5	17	71
5	15/15	15/15	64	15/15	24/15	30/15	134/15	4	1	1.5	1.5	21	81

Rel.7 Release 7 HSPA+ Data Devices

Table C.11.1.4: **β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM**

Sub-test	β_c (Note3)	β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	$\beta_{ed}1$: 30/15 $\beta_{ed}2$: 30/15	$\beta_{ed}3$: 24/15 $\beta_{ed}4$: 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c .
Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.
Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

Rel.8 DC-HSDPA (Cat 24)

SAR test exclusion for Rel.8 DC-HSDPA must satisfy the SAR test exclusion requirements of Rel.5 HSDPA. SAR test exclusion for DC-HSDPA devices is determined by power measurements according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to qualify for SAR test exclusion.

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK

Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.
Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.

10.3 LTE Measurement Procedures for SAR

SAR tests for LTE are performed with a base station simulator, Rohde & Rchwarz CMW500 or . Anritsu MT8821C Closed loop power control was used so the UE transmits with maximum output power during SAR testing.

It is performed for conducted power and SAR based on the KDB941225 D05.

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

1) QPSK with 1 RB allocation

   Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2) QPSK with 50% RB allocation

   The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.

3) QPSK with 100% RB allocation

   For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

TDD test:

TDD testing is performed using guidance from FCC KDB 941225 D05 v02r05 and the SAR test guidance provided in April 2013 TCB works hop notes. TDD is tested at the highest duty factor using UL-DL configuration 0 with special subframe configuration 6 and applying the FDD LTE procedures in KDB 941225 D05 v02r05. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211.

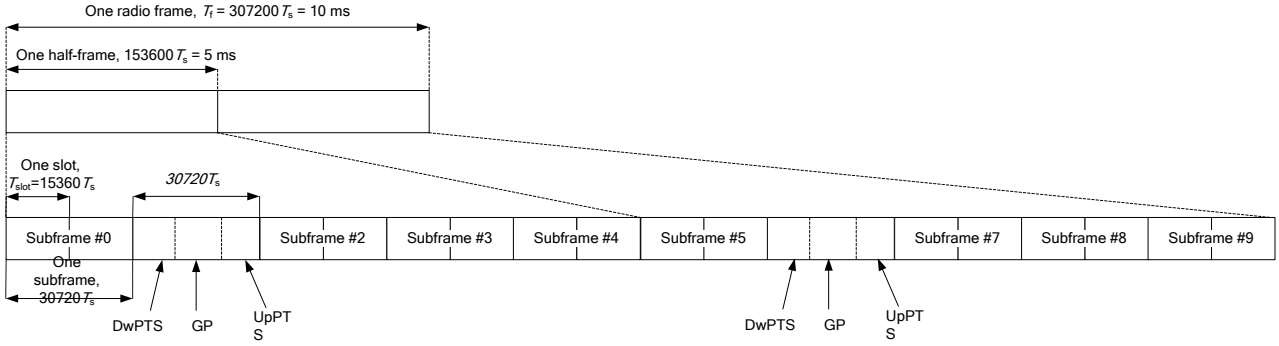


Figure 10.2: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 10.1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

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

Table 10.2: Uplink-downlink configurations

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

Duty factor is calculated by:

Duty factor = uplink frame*6+UpPTS*2/one frame length

= (30720.T_s * 6+5120. T_s*2)/307200.T_s

= 0.633

According to the KDB 447498 D01, SAR should be evaluated at more than 3 frequencies for devices supporting transmit bands wider than 100MHz. Oct.2014 FCC-TCB conference notes (Dec. 2014 rev.) specifies the 5 test channels to use for 3GPP band 38/41 SAR evaluation.

10.4 Bluetooth & Wi-Fi Measurement Procedures for SAR

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

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

10.5 NR Measurement Procedures for SAR

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.

11 Conducted Output Power

This device has several different power modes for head, body-worn, hotspot SAR compliance; power selection is determined by the device's positioning and usage scenarios. The details of test scenarios categorization in the table below

Antenna	Head receiver on	Body receiver off	Body worn receiver off
		Hotspot off	Hotspot on
Main antenna	DSI1	DSI2	DSI3

11.1 GSM Measurement result

During the process of testing, the EUT was controlled via R&S Digital Radio Communication tester (CMW500) to ensure the maximum power transmission and proper modulation. This result contains conducted output power for the EUT. In all cases, the measured peak output power should be greater and within 5% than EMI measurement.

GSM850 ANT0 DSI1/2/3

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	30.85	30.74	30.81	**32.50**	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	31.01	30.54	30.65	**32.50**	-9.03	21.98	21.51	21.62
2 Txslots	30.55	30.07	30.19	**32.00**	-6.02	24.53	24.05	24.17
3Txslots	28.85	28.38	28.53	**30.50**	-4.26	24.59	24.12	24.27
4 Txslots	27.82	27.26	27.52	**29.00**	-3.01	24.81	24.25	24.51
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	31.01	30.56	30.66	**32.50**	-9.03	21.98	21.53	21.63
2 Txslots	30.56	30.08	30.21	**32.00**	-6.02	24.54	24.06	24.19
3Txslots	28.87	28.75	28.55	**30.50**	-4.26	24.61	24.49	24.29
4 Txslots	27.84	27.58	27.54	**29.00**	-3.01	24.83	24.57	24.53
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	27.39	27.38	27.26	**27.50**	-9.03	18.36	18.35	18.23
2 Txslots	26.30	26.09	25.97	**26.50**	-6.02	20.28	20.07	19.95
3Txslots	24.84	24.65	24.59	**25.00**	-4.26	20.58	20.39	20.33
4 Txslots	23.36	23.24	23.46	**23.50**	-3.01	20.35	20.23	20.45

GSM1900 ANT2 DSI1

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	27.29	27.35	27.21	27.80	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	27.07	27.18	27.10	27.80	-9.03	18.04	18.15	18.07
2 Txslots	27.06	27.16	27.07	27.80	-6.02	21.04	21.14	21.05
3Txslots	25.40	25.51	25.39	26.00	-4.26	21.14	21.25	21.13
4 Txslots	23.87	23.96	23.86	24.50	-3.01	20.86	20.95	20.85
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	27.21	27.25	27.17	27.80	-9.03	18.18	18.22	18.14
2 Txslots	27.15	27.22	27.13	27.80	-6.02	21.13	21.20	21.11
3Txslots	25.49	25.58	25.46	26.00	-4.26	21.23	21.32	21.20
4 Txslots	23.95	24.03	23.93	24.50	-3.01	20.94	21.02	20.92
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	26.39	26.27	26.21	27.00	-9.03	17.36	17.24	17.18
2 Txslots	25.30	25.45	25.33	26.00	-6.02	19.28	19.43	19.31
3Txslots	23.43	23.57	23.52	24.50	-4.26	19.17	19.31	19.26
4 Txslots	22.43	22.55	22.47	23.50	-3.01	19.42	19.54	19.46

GSM1900 ANT2 DSI2

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	29.24	29.32	29.29	30.00	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	29.18	29.30	29.17	30.00	-9.03	20.15	20.27	20.14
2 Txslots	28.63	28.62	28.62	29.50	-6.02	22.61	22.60	22.60
3Txslots	26.53	26.44	26.50	27.00	-4.26	22.27	22.18	22.24
4 Txslots	25.74	25.71	25.66	26.50	-3.01	22.73	22.70	22.65
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	29.18	29.29	29.22	30.00	-9.03	20.15	20.26	20.19
2 Txslots	28.64	28.63	28.65	29.50	-6.02	22.62	22.61	22.63
3Txslots	26.37	26.34	26.43	27.00	-4.26	22.11	22.08	22.17
4 Txslots	25.70	25.67	25.66	26.50	-3.01	22.69	22.66	22.65
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	26.12	26.29	26.26	26.80	-9.03	17.09	17.26	17.23
2 Txslots	25.30	25.45	25.33	26.00	-6.02	19.28	19.43	19.31
3Txslots	23.46	23.57	23.49	24.00	-4.26	19.20	19.31	19.23
4 Txslots	22.40	22.48	22.45	23.00	-3.01	19.39	19.47	19.44

GSM1900 ANT2 DSI3

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	29.24	29.32	29.29	30	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	29.18	29.30	29.17	30.00	-9.03	20.15	20.27	20.14
2 Txslots	28.63	28.62	28.62	29.50	-6.02	22.61	22.60	22.60
3Txslots	26.93	26.94	26.90	27.50	-4.26	22.67	22.68	22.64
4 Txslots	25.74	25.71	25.66	26.50	-3.01	22.73	22.70	22.65
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	29.18	29.29	29.22	30.00	-9.03	20.15	20.26	20.19
2 Txslots	28.64	28.63	28.65	29.50	-6.02	22.62	22.61	22.63
3Txslots	26.79	26.87	26.83	27.50	-4.26	22.53	22.61	22.57
4 Txslots	25.70	25.67	25.66	26.50	-3.01	22.69	22.66	22.65
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	26.12	26.29	26.26	26.80	-9.03	17.09	17.26	17.23
2 Txslots	25.30	25.45	25.33	26.00	-6.02	19.28	19.43	19.31

3Txslots	23.46	23.57	23.49	24.00	-4.26	19.20	19.31	19.23
4 Txslots	22.40	22.48	22.45	23.00	-3.01	19.39	19.47	19.44

11.2 WCDMA Measurement result

WCDMA1900 ANT2 DSI1

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	18.61	18.69	18.24	20
HSUPA	1	16.01	16.04	15.62	17
	2	15.58	15.61	15.16	17
	3	15.73	15.71	15.35	17
	4	15.27	15.25	15.17	17
	5	16.75	16.68	16.33	17
HSPA+		17.31	17.27	16.91	18
DC-HSDPA	1	17.78	17.78	17.35	19
	2	17.81	17.80	17.36	19
	3	17.4	17.38	16.97	18.5
	4	17.23	17.27	16.86	18.5

WCDMA1900 ANT2 DSI2/3

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	21.83	21.98	21.76	23
HSUPA	1	19.58	19.61	19.58	21.5
	2	19.1	19.13	18.89	20
	3	19.17	19.09	19.12	21
	4	18.53	18.60	18.36	19.5
	5	19.99	20.02	19.79	21.5
HSPA+		20.65	20.62	20.42	21
DC-HSDPA	1	21.02	21.04	20.87	22
	2	21.13	21.17	20.94	22
	3	20.67	20.64	20.47	21.5
	4	20.56	20.63	20.40	21.5

WCDMA1700 ANT2 DSI1

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.74	19.93	19.61	21.5
HSUPA	1	17.48	17.81	17.42	18

	2	17.01	17.27	16.96	18
	3	17.05	17.28	16.96	18
	4	16.53	16.92	16.53	18
	5	18.81	19.14	18.78	19.8
HSPA+		18.52	18.82	18.51	19
DC-HSDPA	1	19.11	19.39	19.02	20
	2	19.06	19.32	19.01	20
	3	18.59	18.92	18.56	19.5
	4	18.59	18.86	18.50	19.8

WCDMA1700 ANT2 DSI2/3

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	22.63	22.79	22.20	23.5
HSUPA	1	20.4	20.26	19.94	21
	2	19.79	19.75	19.42	21
	3	19.93	19.82	19.46	21
	4	19.48	19.38	19.01	21
	5	20.9	20.76	20.43	22
HSPA+		21.47	21.31	21.04	22
DC-HSDPA	1	21.91	21.89	21.54	22
	2	21.92	21.78	21.51	22
	3	21.4	21.36	21.05	21.5
	4	21.39	21.37	21.08	21.5

WCDMA850 ANT0 DSI1/2/3

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	21.97	22.31	21.87	23.5
HSUPA	1	18.95	19.38	18.91	20
	2	19.02	19.44	18.95	20
	3	19.04	19.42	18.96	20
	4	18.49	18.90	18.49	20
	5	20.05	20.41	19.98	21
HSPA+		21.05	21.37	20.96	22
DC-HSDPA	1	21.06	21.23	21.04	23
	2	21.01	21.38	20.93	22.5
	3	20.56	20.90	20.47	22
	4	20.47	20.96	20.46	22

11.3 LTE Measurement result

The maximum output power(Tune-up Limit)

	TX ANT	Mode/Band	DSI1	DSI2	DSI3
LTE STANDALONE	ANT2	FDD Band 2	18.5+/-1	22.5+/-1	21.5+/-1
	ANT2	FDD Band 4	19.5+/-1	22.5+/-1	21.5+/-1
	ANT0	FDD Band 5	23+/-1	24+/-1	24+/-1
	ANT4	FDD Band 7	16.5+/-1	18.5+/-1	17.5+/-1
	ANT0	FDD Band 12/17	24+/-1	24+/-1	24+/-1
	ANT0	FDD Band 13	24+/-1	24+/-1	24+/-1
	ANT0	FDD Band 14	24+/-1	24+/-1	24+/-1
	ANT2	FDD Band 25	18.5+/-1	22.5+/-1	21.5+/-1
	ANT0	FDD Band 26	24+/-1	24+/-1	24+/-1
	ANT6	FDD Band 30	19.5+/-1	22.5+/-1	21.5+/-1
	ANT4	TDD Band 38	19+/-1	23+/-1	23+/-1
	ANT4	TDD Band 41(PC2)	19+/-1	24.5+/-1	23.5+/-1
	ANT4	TDD Band 41(PC3)	16.5+/-1	21.5+/-1	20+/-1
	ANT2	FDD Band 66	19.5+/-1	22.5+/-1	21.5+/-1
	ANT0	FDD Band 71	23+/-1	23+/-1	23+/-1

	Mode/Band	PCC TX Band	PCC TX ANT	DSI1	DSI2	DSI3	SCC TX Band	SCC TX ANT	DSI1	DSI2	DSI3
LTE UL CA	CA_2A-5A	B2	ANT2	16.5+/-1	21.5+/-1	20.5+/-1	B5	ANT0	21+/-1	24+/-1	24+/-1
	CA_2A-12A	B2	ANT2	16.5+/-1	21.5+/-1	20.5+/-1	B12	ANT0	21+/-1	24+/-1	24+/-1
	CA_4A-12A	B4	ANT2	17.5+/-1	21.5+/-1	20.5+/-1	B12	ANT0	21+/-1	24+/-1	24+/-1
	CA_5A-66A	B5	ANT0	21+/-1	24+/-1	24+/-1	B66	ANT2	17.5+/-1	21.5+/-1	20.5+/-1
	CA_12A-66A	B12	ANT0	21+/-1	24+/-1	24+/-1	B66	ANT2	17.5+/-1	21.5+/-1	20.5+/-1
	UL CA_12A-30A	B12	ANT0	21+/-1	24+/-1	24+/-1	B30	ANT6	16.5+/-1	21.5+/-1	18.5+/-1
	UL CA_5A-30A	B5	ANT0	21+/-1	24+/-1	24+/-1	B30	ANT6	16.5+/-1	21.5+/-1	18.5+/-1
	UL CA_2A-14A	B2	ANT2	16.5+/-1	21.5+/-1	20.5+/-1	B14	ANT0	21+/-1	24+/-1	24+/-1
	UL CA_14A-66A	B14	ANT0	21+/-1	24+/-1	24+/-1	B66	ANT2	17.5+/-1	21.5+/-1	20.5+/-1
	UL	B14	ANT	21+/-1	24+/-1	24+/-1	B30	ANT	16.5+/-	21.5+/-	18.5+/-

	CA_14A-30A		0					6	1	1	1

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification. UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3

Modulation	Channel bandwidth / Transmission bandwidth (N_{RB})						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3
256 QAM	≥ 1						≤ 5

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Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3	19.31	19.32	19.11	19.25
		1880	19.17	19.17	19.11	19.00
		1850.7	19.10	19.23	18.97	19.13
	1RB-Middle (3)	1909.3	19.24	19.18	19.18	19.28
		1880	19.01	19.09	19.35	19.26
		1850.7	19.15	18.96	19.26	19.22
	1RB-Low (0)	1909.3	19.19	19.17	19.06	19.22
		1880	19.02	19.23	18.98	19.01
		1850.7	19.09	19.18	19.32	19.27
	3RB-High (3)	1909.3	19.12	19.14	19.00	19.31
		1880	19.07	19.27	19.29	19.29
		1850.7	19.20	19.13	19.00	19.11
	3RB-Middle (1)	1909.3	19.22	19.36	18.98	19.27
		1880	19.17	19.04	19.19	19.28
		1850.7	19.29	19.20	19.13	19.24
	3RB-Low (0)	1909.3	19.27	19.21	19.08	19.24
		1880	19.23	18.98	19.06	19.26
		1850.7	19.23	18.97	19.28	19.31
	6RB (0)	1909.3	19.10	19.06	19.17	19.04
		1880	19.36	19.21	19.19	19.14
		1850.7	19.32	19.06	18.99	19.30
3MHz	1RB-High (14)	1908.5	19.05	19.11	19.26	19.29
		1880	19.06	19.08	19.26	19.19
		1851.5	19.08	19.33	19.27	19.31
	1RB-Middle (7)	1908.5	19.25	19.20	19.15	19.18
		1880	19.05	18.96	19.30	19.12
		1851.5	19.01	19.36	18.99	19.30
	1RB-Low (0)	1908.5	19.09	19.30	18.96	19.28
		1880	19.06	19.23	19.10	19.26
		1851.5	19.05	19.00	19.22	19.27
	8RB-High (7)	1908.5	19.10	19.03	19.30	19.28
		1880	19.30	18.99	19.24	19.24
		1851.5	19.22	19.24	19.15	19.16
	8RB-Middle (4)	1908.5	18.96	19.33	19.13	19.02
		1880	19.30	19.34	19.26	19.29
		1851.5	19.17	19.09	19.02	19.19
	8RB-Low (0)	1908.5	19.23	19.13	19.21	19.18
		1880	19.12	19.23	19.17	19.08
		1851.5	18.98	19.36	19.08	19.09
	15RB (0)	1908.5	18.99	18.96	19.05	19.28

		1880	19.18	19.09	19.27	19.00
		1851.5	19.03	18.99	18.95	19.10
5MHz	1RB-High (24)	1907.5	19.02	19.19	19.15	19.26
		1880	19.15	19.31	19.28	19.11
		1852.5	18.98	19.29	19.31	19.17
	1RB-Middle (12)	1907.5	19.06	18.97	19.27	19.20
		1880	19.35	19.18	19.06	19.18
		1852.5	19.10	18.98	19.35	19.29
	1RB-Low (0)	1907.5	19.36	19.23	19.06	19.26
		1880	19.04	19.23	19.23	19.19
		1852.5	19.26	19.25	19.00	19.31
	12RB-High (13)	1907.5	19.07	19.13	19.16	19.16
		1880	19.03	19.09	19.24	19.03
		1852.5	19.35	19.01	19.03	19.03
	12RB-Middle (6)	1907.5	19.13	18.95	19.25	19.15
		1880	19.00	19.23	19.10	19.24
		1852.5	18.98	19.17	19.31	19.18
	12RB-Low (0)	1907.5	19.34	19.04	18.96	19.13
		1880	19.29	19.14	18.97	19.21
		1852.5	19.35	19.07	19.07	19.06
	25RB (0)	1907.5	18.96	19.03	19.32	19.28
		1880	18.97	19.25	19.35	19.08
		1852.5	18.98	19.31	19.03	19.29
10MHz	1RB-High (49)	1905	19.14	19.03	19.26	19.04
		1880	19.00	19.05	19.06	19.10
		1855	19.00	19.33	19.23	19.25
	1RB-Middle (24)	1905	19.32	18.97	19.00	19.18
		1880	19.12	19.34	19.16	19.09
		1855	19.31	19.15	19.28	19.17
	1RB-Low (0)	1905	19.19	19.01	18.97	19.30
		1880	19.05	19.12	19.32	19.26
		1855	19.35	19.03	19.07	19.15
	25RB-High (25)	1905	19.00	18.97	19.04	19.28
		1880	19.30	19.03	19.36	19.00
		1855	18.96	19.15	19.32	19.07
	25RB-Middle (12)	1905	19.35	19.36	19.05	19.19
		1880	19.25	19.00	19.20	19.26
		1855	18.99	19.00	19.28	19.22
	25RB-Low (0)	1905	19.13	19.33	19.36	19.15
		1880	19.22	19.03	19.33	19.18
		1855	19.02	19.31	18.98	19.25
	50RB (0)	1905	19.14	18.96	19.26	19.12
		1880	19.01	19.21	18.95	19.18
		1855	19.26	19.30	19.18	19.12
15MHz	1RB-High (74)	1902.5	19.07	19.43	19.25	19.19
		1880	19.06	19.36	19.21	19.29
		1857.5	18.99	19.29	19.23	19.06
	1RB-Middle	1902.5	19.01	19.40	19.16	19.22

	(37)	1880	19.01	19.29	19.23	19.04
		1857.5 (18675)	18.97	19.32	19.10	19.11
	1RB-Low (0)	1902.5	19.04	19.24	19.23	19.18
		1880	19.00	19.26	19.24	19.13
		1857.5 (18675)	19.07	19.32	19.23	19.11
	36RB-High (38)	1902.5	19.07	19.06	19.07	19.25
		1880	18.96	18.99	18.99	19.09
		1857.5	18.93	18.98	19.02	19.14
	36RB-Middle (19)	1902.5	19.03	19.01	19.08	19.26
		1880	18.93	18.94	18.96	19.25
		1857.5	18.95	18.97	18.96	19.31
	36RB-Low (0)	1902.5	19.03	18.99	19.06	19.17
		1880	18.95	18.95	18.97	19.25
		1857.5	18.98	18.99	19.01	19.22
	75RB (0)	1902.5	19.06	19.06	19.04	19.22
		1880	19.00	19.00	18.98	19.20
		1857.5	19.00	19.02	19.01	19.20
20MHz	1RB-High (99)	1900	19.10	19.45	19.17	19.28
		1880	19.06	19.40	19.17	19.22
		1860	19.06	19.41	19.12	19.11
	1RB-Middle (50)	1900	19.05	19.32	19.14	19.13
		1880	19.15	19.40	19.27	19.21
		1860	18.93	19.35	19.28	19.08
	1RB-Low (0)	1900	19.07	19.40	19.18	19.11
		1880	19.06	19.23	19.18	19.19
		1860	19.06	19.38	19.20	19.11
	50RB-High (50)	1900	19.19	19.15	19.11	19.27
		1880	19.05	19.03	19.04	19.13
		1860	19.00	18.99	18.99	19.27
	50RB-Middle (25)	1900	19.08	19.05	19.08	19.03
		1880	19.22	18.99	19.03	19.18
		1860	19.01	19.04	19.01	19.07
	50RB-Low (0)	1900	19.12	19.14	19.12	19.31
		1880	19.00	18.98	19.00	19.19
		1860	19.06	19.04	19.05	19.14
	100RB (0)	1900	19.03	19.12	19.11	19.10
		1880	19.13	18.65	19.00	19.04
		1860	19.03	19.02	19.02	19.16

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Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High	1909.3	23.14	23.45	22.36	19.10

	(5)	1880	23.12	23.48	22.31	19.11
		1850.7	23.20	23.39	22.32	19.25
	1RB-Middle (3)	1909.3	23.08	23.41	22.33	19.18
		1880	23.08	23.31	22.29	19.14
		1850.7	23.13	23.44	22.30	19.07
	1RB-Low (0)	1909.3	23.15	23.42	22.35	19.10
		1880	23.07	23.40	22.36	19.23
		1850.7	23.17	23.41	22.34	19.28
	3RB-High (3)	1909.3	23.16	23.10	22.27	19.22
		1880	23.15	23.19	22.16	19.15
		1850.7	23.18	23.20	22.25	19.12
	3RB-Middle (1)	1909.3	23.15	23.04	22.22	19.17
		1880	23.13	23.15	22.18	19.30
		1850.7	23.16	23.15	22.28	19.26
	3RB-Low (0)	1909.3	23.19	23.13	22.25	19.05
		1880	23.11	23.14	22.30	19.01
		1850.7	23.20	23.17	22.34	19.30
	6RB (0)	1909.3	23.19	22.24	21.14	19.18
		1880	23.11	22.25	21.07	19.07
		1850.7	23.22	22.26	21.17	19.24
3MHz	1RB-High (14)	1908.5	23.10	23.32	22.34	19.43
		1880	23.12	23.26	22.34	19.19
		1851.5	23.13	23.34	22.26	19.27
	1RB-Middle (7)	1908.5	23.14	23.46	22.36	19.32
		1880	23.10	23.30	22.33	19.19
		1851.5	23.11	23.48	22.30	19.12
	1RB-Low (0)	1908.5	23.15	23.50	22.30	19.38
		1880	23.16	23.28	22.33	19.29
		1851.5	23.11	23.41	22.28	19.42
	8RB-High (7)	1908.5	23.12	22.20	21.15	19.17
		1880	23.12	22.17	21.14	19.14
		1851.5	23.16	22.23	21.22	19.00
	8RB-Middle (4)	1908.5	23.13	22.18	21.15	19.29
		1880	23.14	22.18	21.16	19.00
		1851.5	23.15	22.21	21.17	19.15
	8RB-Low (0)	1908.5	23.16	22.26	21.20	19.36
		1880	23.10	22.16	21.17	19.41
		1851.5	23.18	22.24	21.24	19.15
	15RB (0)	1908.5	23.15	22.16	21.11	19.14
		1880	23.11	22.06	21.09	19.34
		1851.5	23.17	22.16	21.16	19.15
5MHz	1RB-High (24)	1907.5	23.21	23.49	22.38	19.06
		1880	23.13	23.36	22.28	19.26
		1852.5	23.14	23.43	22.33	19.43
	1RB-Middle (12)	1907.5	23.13	23.48	22.36	19.05
		1880	23.16	23.44	22.34	19.16
		1852.5	23.18	23.32	22.37	19.21
	1RB-Low (0)	1907.5	23.18	23.33	22.39	19.13

		1880	23.15	23.35	22.37	19.30
		1852.5	23.20	23.44	22.36	19.27
	12RB-High (13)	1907.5	23.19	22.19	21.25	19.33
		1880	23.12	22.14	21.17	19.31
		1852.5	23.21	22.21	21.21	19.04
	12RB-Middle (6)	1907.5	23.21	22.21	21.27	19.17
		1880	23.14	22.17	21.18	19.16
		1852.5	23.18	22.22	21.24	19.04
	12RB-Low (0)	1907.5	23.20	22.22	21.24	19.24
		1880	23.17	22.20	21.18	19.32
		1852.5	23.25	22.29	21.23	19.42
	25RB (0)	1907.5	23.22	22.23	21.19	19.12
		1880	23.18	22.17	21.14	19.33
		1852.5	23.21	22.22	21.19	19.14
10MHz	1RB-High (49)	1905	23.18	23.39	22.40	19.16
		1880	23.15	23.46	22.21	19.05
		1855	23.19	23.39	22.36	19.43
	1RB-Middle (24)	1905	23.18	23.50	22.35	19.21
		1880	23.14	23.32	22.28	19.20
		1855	23.21	23.25	22.29	19.43
	1RB-Low (0)	1905	23.19	23.50	22.33	19.04
		1880	23.18	23.40	22.30	19.07
		1855	23.25	23.38	22.40	19.20
	25RB-High (25)	1905	23.19	22.24	21.20	19.04
		1880	23.17	22.16	21.13	19.07
		1855	23.17	22.11	21.13	19.22
	25RB-Middle (12)	1905	23.17	22.18	21.14	19.07
		1880	23.17	22.15	21.15	19.26
		1855	23.12	22.14	21.12	19.17
	25RB-Low (0)	1905	23.17	22.20	21.13	19.18
		1880	23.16	22.13	21.12	19.40
		1855	23.17	22.20	21.19	19.06
	50RB (0)	1905	23.17	22.18	21.18	19.20
		1880	23.15	22.14	21.15	19.00
		1855	23.19	22.19	21.17	19.42
15MHz	1RB-High (74)	1902.5	23.17	23.39	22.36	19.39
		1880	23.15	23.41	22.29	19.24
		1857.5	23.20	23.42	22.31	19.07
	1RB-Middle (37)	1902.5	23.16	23.48	22.34	19.28
		1880	23.24	23.48	22.35	19.06
		1857.5 (18675)	23.20	23.39	22.22	19.31
	1RB-Low (0)	1902.5	23.19	23.39	22.34	19.15
		1880	23.19	23.44	22.29	19.32
		1857.5 (18675)	23.24	23.36	22.39	19.00
	36RB-High (38)	1902.5	23.20	22.22	21.20	19.42
		1880	23.12	22.14	21.13	19.16
		1857.5	23.12	22.14	21.15	19.34

	36RB-Middle (19)	1902.5	23.17	22.21	21.20	19.06
		1880	23.13	22.12	21.15	19.32
		1857.5	23.18	22.16	21.18	19.41
	36RB-Low (0)	1902.5	23.17	22.16	21.16	19.19
		1880	23.13	22.13	21.13	19.35
		1857.5	23.17	22.18	21.19	19.00
	75RB (0)	1902.5	23.23	22.20	21.21	19.40
		1880	23.16	22.16	21.14	19.20
		1857.5	23.20	22.18	21.22	19.42
20MHz	1RB-High (99)	1900	23.25	23.42	22.37	19.39
		1880	23.20	23.37	22.30	19.30
		1860	23.21	23.40	22.40	19.40
	1RB-Middle (50)	1900	23.15	23.43	22.32	19.24
		1880	23.27	23.46	22.46	19.38
		1860	23.25	23.41	22.34	19.41
	1RB-Low (0)	1900	23.23	23.44	22.40	19.16
		1880	23.21	23.41	22.38	19.35
		1860	23.26	23.47	22.44	19.11
	50RB-High (50)	1900	23.23	22.27	21.28	19.42
		1880	23.16	22.17	21.17	19.35
		1860	23.20	22.21	21.20	19.15
	50RB-Middle (25)	1900	23.23	22.22	21.18	19.38
		1880	23.28	22.16	21.20	19.39
		1860	23.19	22.21	21.22	19.13
	50RB-Low (0)	1900	23.27	22.25	21.24	19.09
		1880	23.16	22.12	21.14	19.07
		1860	23.23	22.26	21.24	19.14
	100RB (0)	1900	23.23	22.24	21.23	19.37
		1880	23.26	22.12	21.16	19.26
		1860	23.23	22.22	21.22	19.17

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Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3	22.18	22.44	22.37	19.28
		1880	22.17	22.50	22.34	19.17
		1850.7	22.17	22.39	22.33	19.26
	1RB-Middle (3)	1909.3	22.11	22.34	22.34	19.22
		1880	22.18	22.44	22.42	19.23
		1850.7	22.19	22.42	22.35	19.22
	1RB-Low (0)	1909.3	22.21	22.41	22.40	19.21
		1880	22.14	22.50	22.38	19.17
		1850.7	22.21	22.41	22.48	19.14
	3RB-High (3)	1909.3	22.17	22.14	22.30	19.22
		1880	22.15	22.08	22.31	19.16
		1850.7	22.24	22.12	22.27	19.24
	3RB-Middle (1)	1909.3	22.18	22.18	22.23	19.17
		1880	22.15	22.17	22.21	19.30
		1850.7	22.21	22.13	22.34	19.19
	3RB-Low (0)	1909.3	22.20	22.20	22.39	19.17
		1880	22.15	22.12	22.28	19.18
		1850.7	22.24	22.24	22.30	19.21
	6RB (0)	1909.3	22.14	22.25	21.18	19.13
		1880	22.17	22.21	21.18	19.06
		1850.7	22.22	22.33	21.24	19.26
3MHz	1RB-High (14)	1908.5	22.21	22.50	22.37	19.37
		1880	22.08	22.31	22.31	19.40
		1851.5	22.16	22.42	22.35	19.41
	1RB-Middle (7)	1908.5	22.14	22.48	22.36	19.26
		1880	22.18	22.46	22.48	19.16
		1851.5	22.17	22.50	22.44	19.29
	1RB-Low (0)	1908.5	22.14	22.40	22.35	19.27
		1880	22.14	22.48	22.32	19.50
		1851.5	22.16	22.40	22.38	19.30
	8RB-High (7)	1908.5	22.15	22.21	21.22	19.22
		1880	22.11	22.16	21.22	19.20
		1851.5	22.20	22.29	21.27	19.15
	8RB-Middle (4)	1908.5	22.15	22.24	21.22	19.44
		1880	22.13	22.22	21.25	19.33
		1851.5	22.22	22.31	21.21	19.27
	8RB-Low (0)	1908.5	22.20	22.30	21.28	19.20
		1880	22.16	22.20	21.19	19.12
		1851.5	22.21	22.30	21.27	19.13
	15RB (0)	1908.5	22.20	22.20	21.19	19.31

		1880	22.10	22.17	21.14	19.41
		1851.5	22.22	22.22	21.20	19.11
5MHz	1RB-High (24)	1907.5	22.24	22.41	22.47	19.46
		1880	22.17	22.36	22.38	19.49
		1852.5	22.20	22.42	22.46	19.17
	1RB-Middle (12)	1907.5	22.30	22.49	22.35	19.44
		1880	22.22	22.44	22.43	19.31
		1852.5	22.23	22.46	22.42	19.26
	1RB-Low (0)	1907.5	22.18	22.47	22.34	19.19
		1880	22.17	22.40	22.31	19.27
		1852.5	22.22	22.42	22.43	19.50
	12RB-High (13)	1907.5	22.25	22.32	21.30	19.25
		1880	22.17	22.16	21.24	19.46
		1852.5	22.23	22.27	21.24	19.38
	12RB-Middle (6)	1907.5	22.27	22.26	21.31	19.19
		1880	22.18	22.15	21.23	19.22
		1852.5	22.22	22.25	21.34	19.31
	12RB-Low (0)	1907.5	22.25	22.24	21.26	19.46
		1880	22.17	22.18	21.23	19.30
		1852.5	22.27	22.31	21.29	19.42
	25RB (0)	1907.5	22.28	22.31	21.26	19.50
		1880	22.19	22.19	21.17	19.49
		1852.5	22.26	22.24	21.24	19.46
10MHz	1RB-High (49)	1905	22.23	22.45	22.36	19.22
		1880	22.23	22.43	22.33	19.17
		1855	22.21	22.44	22.47	19.49
	1RB-Middle (24)	1905	22.21	22.39	22.40	19.17
		1880	22.16	22.50	22.39	19.45
		1855	22.17	22.41	22.38	19.44
	1RB-Low (0)	1905	22.23	22.42	22.43	19.50
		1880	22.20	22.47	22.34	19.44
		1855	22.25	22.41	22.48	19.39
	25RB-High (25)	1905	22.25	22.24	21.26	19.29
		1880	22.18	22.19	21.15	19.28
		1855	22.17	22.17	21.14	19.26
	25RB-Middle (12)	1905	22.18	22.22	21.18	19.16
		1880	22.18	22.20	21.18	19.34
		1855	22.18	22.19	21.19	19.42
	25RB-Low (0)	1905	22.20	22.20	21.20	19.21
		1880	22.17	22.16	21.16	19.33
		1855	22.23	22.23	21.22	19.28
	50RB (0)	1905	22.21	22.23	21.22	19.47
		1880	22.14	22.16	21.17	19.44
		1855	22.21	22.23	21.22	19.28
15MHz	1RB-High (74)	1902.5	22.28	22.42	22.40	19.33
		1880	22.21	22.47	22.44	19.10
		1857.5	22.22	22.41	22.39	19.28
	1RB-Middle	1902.5	22.17	22.37	22.38	19.17

	(37)	1880	22.22	22.46	22.42	19.30
		1857.5 (18675)	22.16	22.41	22.33	19.48
	1RB-Low (0)	1902.5	22.28	22.45	22.34	19.11
		1880	22.21	22.48	22.35	19.30
		1857.5 (18675)	22.31	22.46	22.47	19.23
	36RB-High (38)	1902.5	22.22	22.22	21.28	19.24
		1880	22.18	22.18	21.20	19.14
		1857.5	22.17	22.17	21.24	19.33
	36RB-Middle (19)	1902.5	22.23	22.20	21.25	19.36
		1880	22.17	22.17	21.22	19.23
		1857.5	22.18	22.18	20.76	19.15
	36RB-Low (0)	1902.5	22.18	22.22	21.23	19.40
		1880	22.17	22.20	21.17	19.15
		1857.5	22.22	22.23	21.24	19.20
	75RB (0)	1902.5	22.24	22.26	21.22	19.25
		1880	22.21	22.20	21.19	19.29
		1857.5	22.23	22.22	21.24	19.29
20MHz	1RB-High (99)	1900	22.33	22.43	22.38	19.11
		1880	22.25	22.41	22.42	19.44
		1860	22.25	22.39	22.46	19.40
	1RB-Middle (50)	1900	22.28	22.45	22.43	19.44
		1880	22.35	22.40	22.41	19.42
		1860	22.17	22.42	22.43	19.25
	1RB-Low (0)	1900	22.28	22.41	22.47	19.11
		1880	22.24	22.50	22.38	19.11
		1860	22.28	22.46	22.44	19.16
	50RB-High (50)	1900	22.31	22.33	21.37	19.46
		1880	22.32	22.25	21.22	19.12
		1860	22.21	22.24	21.26	19.34
	50RB-Middle (25)	1900	22.27	22.25	21.26	19.29
		1880	22.33	22.23	21.20	19.18
		1860	22.24	22.28	21.24	19.25
	50RB-Low (0)	1900	22.31	22.31	21.29	19.11
		1880	22.20	22.18	21.18	19.11
		1860	22.28	22.29	21.29	19.50
	100RB (0)	1900	22.23	22.25	21.30	19.25
		1880	22.25	22.18	21.18	19.17
		1860	22.21	22.26	21.27	19.25

LTE B2 ULCA ANT2 DSI1

Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High	1909.3	16.86	17.06	16.99	16.88

	(5)	1880	16.87	17.08	17.11	16.90
		1850.7	16.72	17.02	16.96	16.87
	1RB-Middle (3)	1909.3	16.87	17.09	16.90	16.72
		1880	16.88	17.06	17.08	16.82
		1850.7	16.65	16.89	16.92	16.51
	1RB-Low (0)	1909.3	16.86	17.00	16.95	16.62
		1880	16.87	17.18	17.17	16.38
		1850.7	16.74	16.96	16.85	16.62
	3RB-High (3)	1909.3	16.88	16.65	16.84	16.68
		1880	16.90	16.86	16.96	16.59
		1850.7	16.75	16.70	16.80	16.48
	3RB-Middle (1)	1909.3	16.88	16.76	16.89	16.90
		1880	16.83	16.91	16.94	16.68
		1850.7	16.73	16.67	16.86	16.89
	3RB-Low (0)	1909.3	16.88	16.71	16.89	16.54
		1880	16.85	16.83	16.93	16.47
		1850.7	16.74	16.77	16.87	16.58
	6RB (0)	1909.3	16.85	16.85	16.74	16.46
		1880	16.83	16.94	16.90	16.81
		1850.7	16.72	16.82	16.69	16.72
3MHz	1RB-High (14)	1908.5	16.80	17.08	17.08	16.80
		1880	16.86	17.02	17.04	16.48
		1851.5	16.70	16.93	17.00	16.67
	1RB-Middle (7)	1908.5	16.90	16.96	16.95	16.66
		1880	16.81	17.18	17.08	16.69
		1851.5	16.68	16.90	16.95	16.43
	1RB-Low (0)	1908.5	16.74	17.06	16.99	16.53
		1880	16.88	17.18	17.09	16.53
		1851.5	16.72	16.98	16.85	16.54
	8RB-High (7)	1908.5	16.78	16.82	16.84	16.81
		1880	16.83	16.93	16.93	16.62
		1851.5	16.74	16.82	16.83	16.82
	8RB-Middle (4)	1908.5	16.78	16.84	16.83	16.75
		1880	16.89	16.95	16.91	16.78
		1851.5	16.76	16.85	16.87	16.64
	8RB-Low (0)	1908.5	16.83	16.89	16.91	16.70
		1880	16.89	16.95	16.99	16.59
		1851.5	16.75	16.83	16.82	16.41
	15RB (0)	1908.5	16.81	16.78	16.80	16.72
		1880	16.81	16.88	16.87	16.60
		1851.5	16.76	16.75	16.76	16.75
5MHz	1RB-High (24)	1907.5	16.92	17.07	17.07	16.43
		1880	16.92	17.21	16.98	16.68
		1852.5	16.81	17.11	17.06	16.54
	1RB-Middle (12)	1907.5	16.91	17.04	17.07	16.60
		1880	16.91	17.26	17.18	16.77
		1852.5	16.76	17.06	17.01	16.59
	1RB-Low (0)	1907.5	16.91	17.09	17.02	16.65

		1880	16.87	17.25	16.99	16.58
		1852.5	16.77	17.08	16.89	16.75
	12RB-High (13)	1907.5	16.91	16.85	16.90	16.71
		1880	16.90	16.95	16.95	16.85
		1852.5	16.80	16.78	16.88	16.65
	12RB-Middle (6)	1907.5	16.92	16.87	16.85	16.47
		1880	16.92	16.89	16.93	16.72
		1852.5	16.77	16.80	16.91	16.88
	12RB-Low (0)	1907.5	16.91	16.86	16.87	16.51
		1880	16.96	16.97	16.99	16.47
		1852.5	16.79	16.81	16.83	16.63
	25RB (0)	1907.5	16.94	16.87	16.86	16.48
		1880	16.92	16.89	16.91	16.69
		1852.5	16.83	16.82	16.84	16.52
10MHz	1RB-High (49)	1905	16.89	17.18	17.05	16.73
		1880	16.87	17.15	17.13	16.88
		1855	16.83	17.13	16.93	16.49
	1RB-Middle (24)	1905	16.88	17.12	16.98	16.79
		1880	16.88	17.21	17.09	16.88
		1855	16.72	17.07	16.90	16.55
	1RB-Low (0)	1905	16.89	17.09	16.92	16.71
		1880	16.92	17.15	17.01	16.45
		1855	16.80	17.17	17.07	16.40
	25RB-High (25)	1905	16.87	16.86	16.85	16.47
		1880	16.90	16.87	16.86	16.67
		1855	16.82	16.81	16.80	16.45
	25RB-Middle (12)	1905	16.88	16.80	16.80	16.73
		1880	16.90	16.92	16.90	16.60
		1855	16.79	16.81	16.81	16.47
	25RB-Low (0)	1905	16.88	16.80	16.80	16.70
		1880	16.89	16.88	16.90	16.70
		1855	16.79	16.78	16.83	16.43
	50RB (0)	1905	16.89	16.83	16.80	16.59
		1880	16.86	16.87	16.85	16.74
		1855	16.82	16.82	16.80	16.86
15MHz	1RB-High (74)	1902.5	16.93	17.21	17.01	16.88
		1880	16.88	17.08	17.06	16.42
		1857.5	16.90	17.10	17.01	16.71
	1RB-Middle (37)	1902.5	16.91	17.01	17.07	16.55
		1880	16.94	17.25	17.06	16.71
		1857.5 (18675)	16.84	17.09	17.05	16.90
	1RB-Low (0)	1902.5	16.92	17.05	16.99	16.81
		1880	16.94	17.29	17.07	16.56
		1857.5 (18675)	16.76	16.97	17.02	16.53
	36RB-High (38)	1902.5	16.91	16.86	16.90	16.88
		1880	16.90	16.91	16.95	16.82
		1857.5	16.85	16.85	16.89	16.53

	36RB-Middle (19)	1902.5	16.90	16.84	16.85	16.38
		1880	16.90	16.92	16.94	16.51
		1857.5	16.85	16.88	16.88	16.66
	36RB-Low (0)	1902.5	16.91	16.79	16.82	16.81
		1880	16.91	16.92	16.95	16.39
		1857.5	16.80	16.84	16.84	16.89
	75RB (0)	1902.5	16.93	16.86	16.85	16.61
		1880	16.92	16.94	16.93	16.44
		1857.5	16.85	16.86	16.89	16.89
20MHz	1RB-High (99)	1900	16.86	17.12	17.12	16.58
		1880	16.87	17.12	17.05	16.61
		1860	16.91	17.34	17.03	16.89
	1RB-Middle (50)	1900	16.79	17.16	16.95	16.39
		1880	16.93	17.27	17.19	16.40
		1860	16.80	17.17	17.02	16.45
	1RB-Low (0)	1900	16.80	17.09	17.06	16.70
		1880	16.90	17.17	17.07	16.79
		1860	16.77	17.17	17.06	16.49
	50RB-High (50)	1900	16.88	16.86	16.93	16.63
		1880	16.86	16.90	16.90	16.72
		1860	16.90	16.88	16.91	16.78
	50RB-Middle (25)	1900	16.81	16.82	16.84	16.85
		1880	16.91	16.92	16.96	16.88
		1860	16.87	16.87	16.89	16.53
	50RB-Low (0)	1900	16.86	16.87	16.86	16.58
		1880	16.88	16.91	16.90	16.65
		1860	16.84	16.85	16.87	16.71
	100RB (0)	1900	16.86	16.83	16.89	16.55
		1880	16.88	16.87	16.86	16.84
		1860	16.87	16.86	16.90	16.77

LTE B2 ULCA ANT2 DSI3

Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3	20.80	21.11	21.03	18.92
		1880	20.85	21.10	20.99	18.93
		1850.7	20.85	21.07	21.12	18.91
	1RB-Middle (3)	1909.3	20.77	21.14	20.98	19.08
		1880	20.82	21.11	21.05	19.01
		1850.7	20.78	21.11	20.98	18.82
	1RB-Low (0)	1909.3	20.81	21.08	20.99	18.92
		1880	20.80	21.16	21.04	18.96
		1850.7	20.81	21.17	21.04	19.06
	3RB-High	1909.3	20.81	20.78	20.83	18.98

	(3)	1880	20.85	20.84	20.95	19.18
		1850.7	20.85	20.88	20.97	18.85
	3RB-Middle (1)	1909.3	20.79	20.83	20.93	18.94
		1880	20.78	20.79	20.89	18.82
		1850.7	20.85	20.78	20.88	18.86
	3RB-Low (0)	1909.3	20.77	20.84	20.88	18.98
		1880	20.82	20.80	20.95	19.01
		1850.7	20.83	20.79	20.92	19.10
	6RB (0)	1909.3	20.77	20.89	20.75	19.17
		1880	20.83	20.92	20.81	18.83
		1850.7	20.84	20.95	20.78	18.96
3MHz	1RB-High (14)	1908.5	20.75	21.01	20.92	19.16
		1880	20.74	21.11	21.00	18.80
		1851.5	20.80	21.07	21.00	18.88
	1RB-Middle (7)	1908.5	20.84	21.09	20.98	19.09
		1880	20.91	21.23	20.95	19.18
		1851.5	20.85	21.14	21.11	18.88
	1RB-Low (0)	1908.5	20.83	21.08	21.03	19.04
		1880	20.76	21.03	21.02	18.98
		1851.5	20.80	21.05	20.96	18.99
	8RB-High (7)	1908.5	20.73	20.82	20.82	18.84
		1880	20.81	20.84	20.87	19.07
		1851.5	20.84	20.91	20.96	19.17
	8RB-Middle (4)	1908.5	20.78	20.91	20.87	18.82
		1880	20.79	20.85	20.88	19.05
		1851.5	20.82	20.90	20.95	19.13
	8RB-Low (0)	1908.5	20.86	20.89	20.94	18.98
		1880	20.77	20.91	20.88	18.85
		1851.5	20.85	20.93	20.93	19.00
	15RB (0)	1908.5	20.81	20.76	20.85	19.05
		1880	20.78	20.84	20.79	19.13
		1851.5	20.78	20.83	20.85	19.12
5MHz	1RB-High (24)	1907.5	20.85	21.03	21.08	18.82
		1880	20.85	21.09	20.95	19.13
		1852.5	20.85	21.21	21.13	19.03
	1RB-Middle (12)	1907.5	21.03	21.11	21.22	19.00
		1880	20.83	21.27	21.10	18.86
		1852.5	20.90	21.15	20.99	19.15
	1RB-Low (0)	1907.5	20.93	21.09	21.04	19.07
		1880	20.84	21.23	21.05	18.97
		1852.5	20.90	21.24	21.10	18.86
	12RB-High (13)	1907.5	20.84	20.89	20.89	19.10
		1880	20.83	20.90	20.89	18.86
		1852.5	20.91	20.92	20.92	18.95
	12RB-Middle (6)	1907.5	20.86	20.90	20.91	19.20
		1880	20.80	20.87	20.87	18.85
		1852.5	20.90	20.92	20.94	19.08
	12RB-Low	1907.5	20.88	20.95	20.97	19.12

	(0)	1880	20.84	20.90	20.88	18.88
		1852.5	20.87	20.95	20.96	19.14
	25RB (0)	1907.5	20.94	20.92	20.89	19.06
		1880	20.86	20.89	20.84	19.15
		1852.5	20.90	20.91	20.91	19.02
10MHz	1RB-High (49)	1905	20.91	21.21	21.05	19.10
		1880	20.91	21.19	21.09	18.96
		1855	20.88	21.19	20.98	19.03
	1RB-Middle (24)	1905	20.92	21.21	21.02	19.07
		1880	20.79	21.26	21.07	19.04
		1855	20.87	21.05	20.98	18.85
	1RB-Low (0)	1905	20.96	21.38	21.18	19.03
		1880	20.88	21.10	21.14	19.06
		1855	20.94	21.29	21.16	19.11
	25RB-High (25)	1905	20.91	20.91	20.93	19.17
		1880	20.88	20.87	20.86	19.07
		1855	20.83	20.85	20.83	19.00
	25RB-Middle (12)	1905	20.87	20.87	20.89	19.08
		1880	20.84	20.83	20.85	18.93
		1855	20.87	20.85	20.84	19.01
	25RB-Low (0)	1905	20.91	20.93	20.92	18.82
		1880	20.82	20.84	20.84	18.85
		1855	20.91	20.90	20.90	18.89
	50RB (0)	1905	20.94	20.89	20.91	19.10
		1880	20.82	20.86	20.83	19.02
		1855	20.86	20.85	20.89	19.00
15MHz	1RB-High (74)	1902.5	20.90	21.14	21.07	19.09
		1880	20.89	21.23	21.06	19.15
		1857.5	20.88	21.06	21.03	19.16
	1RB-Middle (37)	1902.5	20.90	21.21	21.14	19.10
		1880	20.92	21.23	21.14	19.18
		1857.5 (18675)	20.85	21.18	21.07	19.11
	1RB-Low (0)	1902.5	20.98	21.27	21.07	19.13
		1880	20.88	21.20	21.00	19.18
		1857.5 (18675)	20.93	21.14	21.11	18.96
	36RB-High (38)	1902.5	20.95	20.97	20.97	18.95
		1880	20.88	20.87	20.92	19.03
		1857.5	20.82	20.84	20.85	18.88
	36RB-Middle (19)	1902.5	20.96	20.97	21.01	18.88
		1880	20.84	20.85	20.91	18.85
		1857.5	20.84	20.84	20.88	19.00
	36RB-Low (0)	1902.5	20.95	20.96	21.01	18.86
		1880	20.85	20.88	20.87	19.00
		1857.5	20.87	20.92	20.93	18.88
	75RB (0)	1902.5	20.98	20.95	20.99	18.85
		1880	20.86	20.92	20.91	18.88
		1857.5	20.87	20.91	20.93	18.95

20MHz	1RB-High (99)	1900	20.94	21.19	21.10	19.04
		1880	20.89	21.23	21.10	18.97
		1860	20.87	21.29	21.08	19.01
	1RB-Middle (50)	1900	20.94	21.17	21.16	18.98
		1880	20.96	21.19	21.12	19.07
		1860	20.86	21.00	20.96	18.98
	1RB-Low (0)	1900	20.90	21.12	21.09	19.16
		1880	20.83	21.15	21.03	18.81
		1860	20.95	21.29	21.07	19.06
	50RB-High (50)	1900	21.01	21.02	21.01	19.15
		1880	20.91	20.91	20.90	18.83
		1860	20.84	20.86	20.84	18.94
	50RB-Middle (25)	1900	21.00	20.99	21.01	19.17
		1880	21.06	20.89	20.91	18.86
		1860	20.91	20.92	20.94	18.92
	50RB-Low (0)	1900	21.02	21.02	21.04	19.13
		1880	20.85	20.82	20.85	19.11
		1860	20.95	20.94	20.95	18.95
	100RB (0)	1900	20.99	21.01	21.03	19.04
		1880	21.03	20.86	20.87	18.84
		1860	20.89	20.89	20.89	18.86

LTE B2 ENDC ANT1 DSI1

Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3	23.03	21.73	21.07	18.01
		1880	22.84	21.68	20.97	18.05
		1850.7	22.70	21.55	20.79	17.89
	1RB-Middle (3)	1909.3	23.02	21.72	21.10	17.99
		1880	22.83	21.57	20.87	17.75
		1850.7	22.68	21.53	20.79	17.98
	1RB-Low (0)	1909.3	23.00	21.84	21.12	18.02
		1880	22.80	21.70	20.99	17.98
		1850.7	22.66	21.53	20.76	18.03
	3RB-High (3)	1909.3	23.05	21.87	21.17	17.88
		1880	22.79	21.60	20.96	17.97
		1850.7	22.69	21.55	20.84	18.00
	3RB-Middle (1)	1909.3	23.01	21.85	21.02	17.85
		1880	22.78	21.67	20.98	18.01
		1850.7	22.63	21.51	20.74	17.84
	3RB-Low (0)	1909.3	22.98	21.83	21.18	18.00
		1880	22.79	21.66	20.89	17.85
		1850.7	22.64	21.57	20.73	17.98
	6RB (0)	1909.3	21.93	21.08	19.97	17.85

		1880	21.88	20.84	19.83	17.81
		1850.7	21.68	20.64	19.71	17.86
3MHz	1RB-High (14)	1908.5	23.05	21.73	21.08	18.04
		1880	22.88	21.59	20.89	17.99
		1851.5	22.74	21.51	20.81	17.89
	1RB-Middle (7)	1908.5	22.94	21.74	21.15	17.87
		1880	22.89	21.61	20.93	17.93
		1851.5	22.64	21.53	20.77	17.92
	1RB-Low (0)	1908.5	22.97	21.78	21.19	18.01
		1880	22.82	21.60	20.92	17.90
		1851.5	22.64	21.52	20.80	17.96
	8RB-High (7)	1908.5	22.02	21.01	20.08	17.99
		1880	21.82	20.90	19.77	17.95
		1851.5	21.71	20.74	19.71	17.93
	8RB-Middle (4)	1908.5	22.10	21.09	19.93	17.90
		1880	21.88	20.88	19.79	17.86
		1851.5	21.71	20.65	19.66	17.98
	8RB-Low (0)	1908.5	21.94	21.06	19.97	17.95
		1880	21.82	20.82	19.84	17.89
		1851.5	21.63	20.74	19.74	17.82
	15RB (0)	1908.5	21.96	20.98	20.04	17.83
		1880	21.86	20.87	19.82	17.83
		1851.5	21.70	20.64	19.73	18.03
5MHz	1RB-High (24)	1907.5	22.92	21.74	21.07	17.90
		1880	22.78	21.64	20.98	17.92
		1852.5	22.71	21.52	20.77	17.87
	1RB-Middle (12)	1907.5	22.96	21.77	21.03	17.86
		1880	22.88	21.59	20.99	17.82
		1852.5	22.66	21.52	20.76	17.87
	1RB-Low (0)	1907.5	23.09	21.73	21.12	17.99
		1880	22.87	21.63	20.97	17.99
		1852.5	22.70	21.54	20.81	18.02
	12RB-High (13)	1907.5	21.96	21.04	19.98	17.87
		1880	21.85	20.83	19.80	17.87
		1852.5	21.66	20.63	19.69	18.00
	12RB-Middle (6)	1907.5	22.02	20.98	20.03	17.91
		1880	21.77	20.87	19.89	17.96
		1852.5	21.72	20.70	19.71	17.96
	12RB-Low (0)	1907.5	22.10	21.08	20.07	18.05
		1880	21.84	20.89	19.86	18.04
		1852.5	21.73	20.64	19.68	18.04
	25RB (0)	1907.5	21.99	20.99	20.07	17.82
		1880	21.87	20.82	19.83	17.99
		1852.5	21.65	20.70	19.69	18.05
10MHz	1RB-High (49)	1905	23.08	21.76	21.14	17.97
		1880	22.77	21.69	20.96	18.00
		1855	22.64	21.54	20.81	17.95
	1RB-Middle	1905	23.10	21.72	21.15	18.03

	(24)	1880	22.86	21.69	20.89	18.01
		1855	22.67	21.53	20.77	17.87
	1RB-Low (0)	1905	23.03	21.86	21.20	18.04
		1880	22.86	21.62	20.98	17.89
		1855	22.66	21.52	20.81	17.83
	25RB-High (25)	1905	22.03	20.94	19.98	17.97
		1880	21.85	20.86	19.82	17.98
		1855	21.68	20.69	19.73	18.04
	25RB-Middle (12)	1905	21.93	21.04	20.03	17.90
		1880	21.80	20.78	19.84	17.82
		1855	21.64	20.65	19.67	17.84
	25RB-Low (0)	1905	22.06	21.03	19.92	17.89
		1880	21.86	20.88	19.78	17.94
		1855	21.64	20.67	19.64	17.97
	50RB (0)	1905	22.04	21.06	20.02	17.86
		1880	21.88	20.84	19.86	17.90
		1855	21.72	20.64	19.70	17.85
15MHz	1RB-High (74)	1902.5	23.04	21.87	21.09	17.89
		1880	22.78	21.65	20.96	18.00
		1857.5	22.66	21.51	20.79	17.87
	1RB-Middle (37)	1902.5	22.98	21.87	21.05	17.84
		1880	22.88	21.66	20.99	18.03
		1857.5 (18675)	22.63	21.54	20.75	18.03
	1RB-Low (0)	1902.5	23.01	21.78	21.19	17.91
		1880	22.80	21.67	21.00	17.82
		1857.5 (18675)	22.72	21.52	20.77	17.88
	36RB-High (38)	1902.5	22.07	20.95	19.98	17.87
		1880	21.86	20.86	19.83	17.85
		1857.5	21.65	20.65	19.67	17.89
	36RB-Middle (19)	1902.5	22.08	21.01	20.06	17.94
		1880	21.83	20.85	19.82	18.01
		1857.5	21.69	20.68	19.68	17.95
	36RB-Low (0)	1902.5	22.08	21.07	20.10	17.86
		1880	21.87	20.81	19.79	18.03
		1857.5	21.69	20.73	19.66	18.00
	75RB (0)	1902.5	21.97	20.96	20.09	17.93
		1880	21.77	20.82	19.86	18.03
		1857.5	21.66	20.73	19.71	17.91
20MHz	1RB-High (99)	1900	23.09	21.82	21.08	17.86
		1880	22.88	21.61	20.89	17.90
		1860	22.72	21.54	20.73	18.01
	1RB-Middle (50)	1900	23.08	21.84	21.06	18.04
		1880	22.84	21.78	20.76	17.86
		1860	22.73	21.51	20.81	17.86
	1RB-Low (0)	1900	22.91	21.75	21.18	18.02
		1880	22.78	21.64	20.93	17.89
		1860	22.69	21.51	20.78	17.86

	50RB-High (50)	1900	22.05	21.09	20.10	17.99
		1880	21.83	20.79	19.84	17.97
		1860	21.64	20.67	19.67	17.97
	50RB-Middle (25)	1900	22.01	20.97	20.00	17.96
		1880	21.78	20.82	19.80	17.82
		1860	21.72	20.69	19.72	17.98
	50RB-Low (0)	1900	21.99	20.95	19.98	17.91
		1880	21.73	20.86	19.88	17.82
		1860	21.71	20.71	19.66	17.88
	100RB (0)	1900	22.04	21.04	20.03	17.97
		1880	21.83	20.84	19.82	17.85
		1860	21.69	20.73	19.72	17.91

LTE B2 ENDC ANT1 DSI2

Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3	21.56	21.50	21.16	17.62
		1880	21.31	21.34	20.90	17.58
		1850.7	21.21	21.20	20.82	17.70
	1RB-Middle (3)	1909.3	21.46	21.45	21.10	17.70
		1880	21.39	21.39	21.00	17.61
		1850.7	21.18	21.20	20.77	17.67
	1RB-Low (0)	1909.3	21.57	21.50	21.16	17.64
		1880	21.39	21.36	20.93	17.64
		1850.7	21.21	21.23	20.81	17.58
	3RB-High (3)	1909.3	21.44	21.06	21.16	17.61
		1880	21.38	20.86	20.95	17.60
		1850.7	21.18	20.65	20.83	17.68
	3RB-Middle (1)	1909.3	21.60	21.05	21.11	17.70
		1880	21.32	20.81	20.95	17.69
		1850.7	21.15	20.67	20.77	17.71
	3RB-Low (0)	1909.3	21.49	21.08	21.06	17.71
		1880	21.32	20.78	20.98	17.66
		1850.7	21.18	20.72	20.73	17.60
	6RB (0)	1909.3	21.48	20.99	20.06	17.59
		1880	21.29	20.82	19.90	17.66
		1850.7	21.16	20.73	19.71	17.65
3MHz	1RB-High (14)	1908.5	21.59	21.59	21.05	17.95
		1880	21.33	21.37	20.93	17.93
		1851.5	21.23	21.16	20.77	17.98
	1RB-Middle (7)	1908.5	21.44	21.57	21.18	17.82
		1880	21.37	21.35	20.96	18.05
		1851.5	21.19	21.24	20.73	17.84
	1RB-Low (0)	1908.5	21.49	21.51	21.11	18.01

		1880	21.27	21.30	20.94	17.98
		1851.5	21.24	21.17	20.75	17.92
	8RB-High (7)	1908.5	21.59	20.92	20.03	17.88
		1880	21.33	20.78	19.90	17.82
		1851.5	21.22	20.72	19.63	17.83
	8RB-Middle (4)	1908.5	21.45	21.07	20.07	17.88
		1880	21.32	20.87	19.80	17.95
		1851.5	21.15	20.72	19.71	17.82
	8RB-Low (0)	1908.5	21.53	20.99	20.01	17.95
		1880	21.37	20.85	19.86	17.83
		1851.5	21.14	20.63	19.69	17.91
	15RB (0)	1908.5	21.57	21.02	19.96	18.02
		1880	21.33	20.84	19.80	18.02
		1851.5	21.20	20.63	19.71	17.84
5MHz	1RB-High (24)	1907.5	21.50	21.60	21.05	18.02
		1880	21.32	21.31	20.90	18.05
		1852.5	21.23	21.14	20.79	17.99
	1RB-Middle (12)	1907.5	21.46	21.44	21.09	17.87
		1880	21.36	21.30	20.88	18.05
		1852.5	21.15	21.13	20.79	17.96
	1RB-Low (0)	1907.5	21.55	21.53	21.16	18.04
		1880	21.33	21.40	20.89	17.90
		1852.5	21.18	21.17	20.77	17.96
	12RB-High (13)	1907.5	21.45	20.95	20.07	17.94
		1880	21.39	20.82	19.81	18.05
		1852.5	21.18	20.64	19.70	17.95
	12RB-Middle (6)	1907.5	21.49	21.05	20.05	18.01
		1880	21.36	20.83	19.83	17.91
		1852.5	21.16	20.69	19.74	18.01
	12RB-Low (0)	1907.5	21.56	21.03	20.01	17.85
		1880	21.33	20.82	19.85	18.03
		1852.5	21.20	20.73	19.68	17.85
	25RB (0)	1907.5	21.57	21.00	19.99	17.96
		1880	21.34	20.81	19.86	18.04
		1852.5	21.22	20.63	19.67	17.89
10MHz	1RB-High (49)	1905	21.60	21.54	21.15	17.89
		1880	21.29	21.29	20.90	17.83
		1855	21.24	21.24	20.76	17.86
	1RB-Middle (24)	1905	21.43	21.46	21.12	17.92
		1880	21.34	21.38	20.90	17.97
		1855	21.21	21.18	20.76	17.87
	1RB-Low (0)	1905	21.53	21.53	21.10	17.93
		1880	21.35	21.33	20.94	18.05
		1855	21.17	21.21	20.84	17.87
	25RB-High (25)	1905	21.42	20.92	19.95	17.98
		1880	21.38	20.79	19.88	17.90
		1855	21.23	20.74	19.73	17.82
	25RB-Middle	1905	21.45	21.07	20.07	18.03

	(12)	1880	21.38	20.79	19.85	17.84
		1855	21.21	20.74	19.66	17.90
	25RB-Low (0)	1905	21.47	21.09	19.95	17.87
		1880	21.37	20.80	19.89	17.96
		1855	21.24	20.63	19.67	18.03
	50RB (0)	1905	21.42	21.06	20.03	17.98
		1880	21.34	20.80	19.88	17.85
		1855	21.15	20.71	19.70	17.85
15MHz	1RB-High (74)	1902.5	21.42	21.47	21.18	17.86
		1880	21.39	21.38	20.92	17.95
		1857.5	21.20	21.24	20.80	17.88
	1RB-Middle (37)	1902.5	21.60	21.60	21.06	17.90
		1880	21.33	21.40	20.90	17.87
		1857.5 (18675)	21.18	21.13	20.82	18.04
	1RB-Low (0)	1902.5	21.53	21.60	21.17	17.98
		1880	21.36	21.32	20.94	17.90
		1857.5 (18675)	21.13	21.22	20.76	18.02
	36RB-High (38)	1902.5	21.53	20.94	19.92	17.84
		1880	21.38	20.85	19.81	18.02
		1857.5	21.24	20.69	19.68	17.96
	36RB-Middle (19)	1902.5	21.55	20.94	20.05	18.01
		1880	21.30	20.85	19.81	17.82
		1857.5	21.18	20.63	19.69	17.97
	36RB-Low (0)	1902.5	21.49	21.07	19.92	17.99
		1880	21.27	20.84	19.84	18.00
		1857.5	21.17	20.69	19.71	17.92
	75RB (0)	1902.5	21.50	20.95	19.97	17.82
		1880	21.27	20.86	19.88	17.92
		1857.5	21.19	20.65	19.71	17.86
20MHz	1RB-High (99)	1900	21.62	21.49	21.04	17.91
		1880	21.37	21.37	20.98	18.03
		1860	21.22	21.14	20.79	17.85
	1RB-Middle (50)	1900	21.60	21.55	21.09	17.87
		1880	21.39	21.43	20.95	17.97
		1860	21.24	21.19	20.80	17.88
	1RB-Low (0)	1900	21.43	21.49	21.11	17.88
		1880	21.23	21.28	20.96	17.97
		1860	21.20	21.22	20.73	17.99
	50RB-High (50)	1900	21.64	20.92	19.95	17.98
		1880	21.35	20.79	19.82	17.82
		1860	21.16	20.67	19.65	17.83
	50RB-Middle (25)	1900	21.53	20.97	19.95	17.84
		1880	21.33	20.82	19.82	18.03
		1860	21.28	20.71	19.67	18.05
	50RB-Low (0)	1900	21.56	20.98	19.93	17.99
		1880	21.27	20.89	19.88	17.87
		1860	21.25	20.63	19.65	17.87

	100RB (0)	1900	21.57	21.00	20.10	17.94
		1880	21.35	20.86	19.83	17.97
		1860	21.21	20.70	19.67	17.96

LTE B2 ENDC ANT1 DSI3

Band 2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3	18.76	19.15	19.14	17.33
		1880	18.91	19.15	19.11	17.50
		1850.7	18.91	19.08	19.11	17.52
	1RB-Middle (3)	1909.3	18.81	19.09	18.99	17.36
		1880	18.98	19.11	19.09	17.48
		1850.7	18.88	18.99	19.00	17.40
	1RB-Low (0)	1909.3	18.97	18.96	19.09	17.31
		1880	18.77	19.06	19.03	17.37
		1850.7	18.74	19.05	19.03	17.45
	3RB-High (3)	1909.3	18.99	19.11	19.14	17.47
		1880	18.75	19.00	19.01	17.39
		1850.7	18.75	19.14	19.13	17.54
	3RB-Middle (1)	1909.3	18.74	19.18	19.13	17.33
		1880	18.85	18.98	19.10	17.46
		1850.7	18.87	19.00	19.13	17.32
	3RB-Low (0)	1909.3	18.73	18.99	19.14	17.40
		1880	18.77	19.11	19.04	17.38
		1850.7	18.89	19.07	19.08	17.44
	6RB (0)	1909.3	18.84	18.88	18.86	17.33
		1880	18.78	18.83	18.81	17.36
		1850.7	18.98	18.91	18.87	17.46
3MHz	1RB-High (14)	1908.5	19.46	19.43	19.57	17.96
		1880	19.46	19.49	19.55	17.91
		1851.5	19.39	19.49	19.46	17.88
	1RB-Middle (7)	1908.5	19.40	19.38	19.51	17.96
		1880	19.49	19.37	19.53	17.98
		1851.5	19.46	19.43	19.55	17.89
	1RB-Low (0)	1908.5	19.46	19.41	19.54	17.94
		1880	19.41	19.38	19.58	17.90
		1851.5	19.49	19.47	19.50	17.94
	8RB-High (7)	1908.5	19.37	19.39	19.47	17.95
		1880	19.45	19.46	19.50	17.89
		1851.5	19.44	19.48	19.45	17.92
	8RB-Middle (4)	1908.5	19.46	19.38	19.46	17.96
		1880	19.46	19.42	19.49	17.87
		1851.5	19.39	19.42	19.46	17.97
	8RB-Low (0)	1908.5	19.41	19.37	19.50	17.96

		1880	19.38	19.41	19.46	17.93
		1851.5	19.46	19.49	19.49	17.87
	15RB (0)	1908.5	19.48	19.47	19.42	17.90
		1880	19.39	19.43	19.46	17.87
		1851.5	19.40	19.48	19.49	17.92
5MHz	1RB-High (24)	1907.5	19.47	19.45	19.55	17.93
		1880	19.37	19.47	19.58	17.96
		1852.5	19.40	19.37	19.57	17.86
	1RB-Middle (12)	1907.5	19.44	19.43	19.57	17.97
		1880	19.47	19.47	19.57	17.92
		1852.5	19.41	19.45	19.50	17.92
	1RB-Low (0)	1907.5	19.49	19.44	19.48	17.97
		1880	19.49	19.39	19.49	17.90
		1852.5	19.42	19.45	19.51	17.90
	12RB-High (13)	1907.5	19.37	19.41	19.48	17.97
		1880	19.44	19.44	19.42	17.86
		1852.5	19.48	19.41	19.49	17.91
	12RB-Middle (6)	1907.5	19.41	19.43	19.47	17.90
		1880	19.43	19.43	19.45	17.94
		1852.5	19.46	19.45	19.45	17.95
	12RB-Low (0)	1907.5	19.44	19.43	19.45	17.93
		1880	19.44	19.47	19.46	17.99
		1852.5	19.42	19.45	19.48	17.98
	25RB (0)	1907.5	19.39	19.43	19.48	17.96
		1880	19.47	19.43	19.50	17.96
		1852.5	19.45	19.42	19.46	17.87
10MHz	1RB-High (49)	1905	19.44	19.39	19.46	17.88
		1880	19.38	19.41	19.46	17.94
		1855	19.37	19.41	19.55	17.87
	1RB-Middle (24)	1905	19.47	19.48	19.53	17.93
		1880	19.44	19.49	19.57	17.98
		1855	19.42	19.44	19.47	17.88
	1RB-Low (0)	1905	19.40	19.38	19.53	17.90
		1880	19.48	19.39	19.54	17.93
		1855	19.48	19.39	19.48	17.99
	25RB-High (25)	1905	19.40	19.49	19.49	17.95
		1880	19.45	19.39	19.46	17.98
		1855	19.39	19.41	19.48	17.96
	25RB-Middle (12)	1905	19.48	19.48	19.50	17.87
		1880	19.49	19.46	19.48	17.92
		1855	19.49	19.44	19.43	17.99
	25RB-Low (0)	1905	19.43	19.47	19.46	17.90
		1880	19.46	19.37	19.46	17.93
		1855	19.45	19.48	19.48	17.87
	50RB (0)	1905	19.37	19.39	19.47	17.95
		1880	19.43	19.49	19.45	17.97
		1855	19.49	19.38	19.46	17.98
15MHz	1RB-High	1902.5	19.41	19.43	19.57	17.90

	(74)	1880	19.45	19.40	19.47	17.92
		1857.5	19.37	19.38	19.46	17.97
	1RB-Middle (37)	1902.5	19.45	19.37	19.55	17.86
		1880	19.47	19.39	19.47	17.86
		1857.5 (18675)	19.41	19.41	19.57	17.87
	1RB-Low (0)	1902.5	19.46	19.38	19.54	17.90
		1880	19.40	19.45	19.49	17.92
		1857.5 (18675)	19.40	19.41	19.48	17.94
	36RB-High (38)	1902.5	19.45	19.46	19.41	17.97
		1880	19.43	19.47	19.47	17.88
		1857.5	19.49	19.42	19.46	17.90
	36RB-Middle (19)	1902.5	19.43	19.48	19.48	17.92
		1880	19.38	19.48	19.47	17.96
		1857.5	19.48	19.40	19.43	17.92
	36RB-Low (0)	1902.5	19.44	19.45	19.41	17.90
		1880	19.47	19.41	19.43	17.87
		1857.5	19.37	19.39	19.47	17.90
	75RB (0)	1902.5	19.47	19.41	19.48	17.89
		1880	19.46	19.47	19.50	17.93
		1857.5	19.44	19.41	19.43	17.92
20MHz	1RB-High (99)	1900	19.46	19.44	19.55	17.91
		1880	19.45	19.45	19.47	17.94
		1860	19.43	19.48	19.57	17.96
	1RB-Middle (50)	1900	19.40	19.37	19.50	17.93
		1880	19.39	19.42	19.57	17.95
		1860	19.43	19.44	19.50	17.97
	1RB-Low (0)	1900	19.39	19.49	19.51	17.91
		1880	19.45	19.41	19.56	17.87
		1860	19.42	19.42	19.55	17.98
	50RB-High (50)	1900	19.46	19.44	19.45	17.97
		1880	19.44	19.37	19.50	17.91
		1860	19.38	19.45	19.45	17.97
	50RB-Middle (25)	1900	19.42	19.37	19.46	17.92
		1880	19.41	19.40	19.43	17.93
		1860	19.41	19.45	19.49	17.89
	50RB-Low (0)	1900	19.45	19.44	19.46	17.94
		1880	19.43	19.48	19.46	17.99
		1860	19.44	19.47	19.47	17.88
	100RB (0)	1900	19.44	19.43	19.44	17.95
		1880	19.42	19.47	19.44	17.87
		1860	19.37	19.43	19.46	17.95

LTE B4 ANT2 DSI1

Band 4			
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)

	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3	20.05	19.92	20.02	19.26
		1732.5	19.96	19.97	19.86	19.11
		1710.7	19.93	20.02	19.73	19.28
	1RB-Middle (3)	1754.3	19.79	20.10	19.99	19.12
		1732.5	20.00	20.01	20.09	19.17
		1710.7	19.98	19.98	20.01	19.19
	1RB-Low (0)	1754.3	20.05	20.08	19.77	19.20
		1732.5	19.77	19.94	20.00	19.26
		1710.7	20.13	19.97	19.72	19.09
	3RB-High (3)	1754.3	19.95	20.09	19.74	19.23
		1732.5	19.90	19.75	19.79	19.22
		1710.7	20.09	19.78	20.02	19.22
	3RB-Middle (1)	1754.3	20.07	19.89	19.99	19.20
		1732.5	19.96	19.86	20.03	19.29
		1710.7	20.11	19.97	20.11	19.16
	3RB-Low (0)	1754.3	19.92	19.82	19.87	19.24
		1732.5	19.89	20.12	19.73	19.24
		1710.7	19.93	19.76	19.72	19.13
	6RB (0)	1754.3	19.93	19.76	19.91	19.16
		1732.5	20.09	19.87	19.83	18.91
		1710.7	19.89	20.11	19.73	19.26
3MHz	1RB-High (14)	1753.5	19.93	20.02	20.05	19.06
		1732.5	19.78	19.80	20.13	19.14
		1711.5	19.86	20.11	19.92	19.27
	1RB-Middle (7)	1753.5	20.03	20.12	19.98	19.19
		1732.5	20.11	20.09	19.90	19.29
		1711.5	20.00	20.05	19.72	19.09
	1RB-Low (0)	1753.5	20.09	20.06	20.09	19.10
		1732.5	19.73	19.92	19.78	19.10
		1711.5	19.96	20.09	19.96	19.12
	8RB-High (7)	1753.5	19.89	19.74	19.83	19.29
		1732.5	19.79	19.99	19.78	19.24
		1711.5	20.00	19.95	20.02	19.22
	8RB-Middle (4)	1753.5	20.07	19.75	19.98	19.23
		1732.5	19.72	19.78	19.75	19.27
		1711.5	19.71	19.83	19.92	19.07
	8RB-Low (0)	1753.5	20.00	19.81	19.80	19.27
		1732.5	19.98	20.07	20.06	19.15
		1711.5	19.71	19.85	19.81	19.06
	15RB (0)	1753.5	20.04	19.91	19.96	19.13
		1732.5	20.05	20.01	20.07	19.07
		1711.5	19.78	20.12	19.90	19.13
5MHz	1RB-High (24)	1752.5	19.83	19.77	19.96	19.25
		1732.5	19.96	19.75	19.93	19.17
		1712.5	19.79	19.98	19.90	19.24
	1RB-Middle	1752.5	19.86	20.13	19.76	19.09

	(12)	1732.5	20.03	19.95	19.71	19.29
		1712.5	20.06	20.12	20.13	19.10
	1RB-Low (0)	1752.5	20.03	19.81	19.96	19.22
		1732.5	19.91	19.72	20.06	19.17
		1712.5	19.86	19.77	19.82	19.13
	12RB-High (13)	1752.5	20.04	19.89	19.84	19.29
		1732.5	19.92	19.91	19.93	19.13
		1712.5	20.13	19.76	19.93	19.29
	12RB-Middle (6)	1752.5	20.06	19.72	19.82	19.10
		1732.5	20.00	19.97	20.08	19.06
		1712.5	20.10	20.07	20.07	19.09
	12RB-Low (0)	1752.5	20.04	19.95	19.80	19.18
		1732.5	19.99	19.77	19.81	19.22
		1712.5	19.87	19.72	19.72	19.16
	25RB (0)	1752.5	19.83	19.85	19.79	19.23
		1732.5	20.07	19.98	19.85	19.15
		1712.5	20.03	19.80	19.77	19.22
10MHz	1RB-High (49)	1750	19.80	19.83	19.72	19.16
		1732.5	20.09	19.80	19.89	19.21
		1715	19.98	19.94	19.79	19.14
	1RB-Middle (24)	1750	19.92	19.72	19.87	19.09
		1732.5	19.81	20.01	19.89	19.27
		1715	19.91	19.86	19.95	19.27
	1RB-Low (0)	1750	19.82	19.75	19.89	19.06
		1732.5	20.13	19.92	20.08	19.13
		1715	19.83	19.89	19.86	19.24
	25RB-High (25)	1750	19.84	19.77	19.93	19.11
		1732.5	19.83	20.09	19.74	19.27
		1715	19.85	19.83	20.04	19.12
	25RB-Middle (12)	1750	19.97	19.80	19.71	19.29
		1732.5	19.82	19.85	19.95	19.16
		1715	19.96	19.80	19.77	19.25
	25RB-Low (0)	1750	20.05	19.74	19.77	19.16
		1732.5	19.82	19.87	19.95	19.12
		1715	19.81	19.95	19.92	19.15
	50RB (0)	1750	20.00	20.03	19.95	19.16
		1732.5	20.03	19.79	19.93	19.26
		1715	20.09	20.01	20.08	19.24
15MHz	1RB-High (74)	1747.5	19.82	20.34	20.08	19.13
		1732.5	19.75	20.03	19.94	19.14
		1717.5	19.83	20.12	20.06	19.11
	1RB-Middle (37)	1747.5	19.77	20.02	19.93	19.17
		1732.5	19.73	20.25	19.95	19.29
		1717.5 (20025)	19.72	19.98	19.92	19.19
	1RB-Low (0)	1747.5	19.82	20.11	20.01	19.21
		1732.5	19.80	20.18	19.95	19.25
		1717.5 (20025)	19.86	20.12	20.10	19.13

	36RB-High (38)	1747.5	19.78	19.80	19.78	19.18
		1732.5	19.73	19.75	19.71	19.25
		1717.5	19.79	19.83	19.82	19.10
	36RB-Middle (19)	1747.5	19.69	19.74	19.77	19.21
		1732.5	19.68	19.72	19.70	19.10
		1717.5	19.73	19.77	19.76	19.19
	36RB-Low (0)	1747.5	19.78	19.82	19.85	19.22
		1732.5	19.68	19.70	19.73	19.13
		1717.5	19.76	19.78	19.83	19.09
	75RB (0)	1747.5	19.81	19.80	19.81	19.25
		1732.5	19.70	19.72	19.74	19.08
		1717.5	19.76	19.81	19.81	19.10
20MHz	1RB-High (99)	1745	19.83	20.06	19.98	19.22
		1732.5	19.79	20.06	19.89	19.14
		1720	19.82	19.89	20.00	19.06
	1RB-Middle (50)	1745	19.82	20.22	19.91	19.14
		1732.5	19.94	20.18	19.89	19.24
		1720	19.77	20.11	19.94	19.22
	1RB-Low (0)	1745	19.81	20.16	19.93	19.26
		1732.5	19.76	20.10	19.95	19.19
		1720	19.87	20.21	20.01	19.25
	50RB-High (50)	1745	19.80	19.81	19.81	19.28
		1732.5	19.78	19.78	19.73	19.13
		1720	19.84	19.84	19.81	19.11
	50RB-Middle (25)	1745	19.83	19.85	19.82	19.21
		1732.5	19.87	19.75	19.74	19.08
		1720	19.77	19.78	19.76	19.15
	50RB-Low (0)	1745	19.84	19.86	19.85	19.06
		1732.5	19.76	19.76	19.74	19.25
		1720	19.79	19.83	19.81	19.09
	100RB (0)	1745	19.82	19.82	19.84	19.26
		1732.5	19.84	19.71	19.76	19.04
		1720	19.80	19.79	19.79	19.13

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Band 4						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3	23.00	23.17	22.30	19.04
		1732.5	22.90	23.21	22.13	19.01
		1710.7	22.91	23.23	22.15	19.24
	1RB-Middle (3)	1754.3	22.94	23.13	22.18	19.05
		1732.5	22.95	23.08	22.07	19.26
		1710.7	22.93	23.26	22.21	19.29
	1RB-Low (0)	1754.3	23.01	23.12	22.20	19.05
		1732.5	22.96	23.23	22.09	19.23
		1710.7	22.98	23.22	22.21	19.12
	3RB-High (3)	1754.3	23.05	23.00	22.05	19.05
		1732.5	22.94	22.91	22.02	19.06
		1710.7	22.96	22.96	22.00	19.03
	3RB-Middle (1)	1754.3	22.97	22.89	22.08	19.22
		1732.5	22.92	23.05	22.01	18.97
		1710.7	22.96	22.98	22.05	19.24
	3RB-Low (0)	1754.3	22.92	22.99	22.07	19.03
		1732.5	22.99	22.85	22.01	19.21
		1710.7	23.01	22.95	22.08	19.14
	6RB (0)	1754.3	22.90	22.08	20.97	19.06
		1732.5	22.91	22.01	20.89	18.98
		1710.7	22.92	21.99	20.93	19.03
3MHz	1RB-High (14)	1753.5	22.84	23.17	22.19	19.30
		1732.5	22.99	23.03	22.11	19.20
		1711.5	22.91	23.25	22.14	18.96
	1RB-Middle (7)	1753.5	23.03	23.49	22.18	18.96
		1732.5	22.91	23.25	22.15	19.27
		1711.5	23.00	23.18	22.04	19.04
	1RB-Low (0)	1753.5	22.84	23.30	22.17	19.00
		1732.5	22.97	23.04	22.11	18.99
		1711.5	22.96	23.18	22.14	18.99
	8RB-High (7)	1753.5	22.88	22.09	21.07	19.25
		1732.5	22.92	22.00	20.94	18.90
		1711.5	22.94	22.01	21.00	19.01
	8RB-Middle (4)	1753.5	22.91	22.04	21.03	18.95
		1732.5	22.96	21.97	21.01	19.19
		1711.5	22.98	22.03	20.91	19.01
	8RB-Low (0)	1753.5	22.85	22.10	21.09	19.16
		1732.5	22.89	21.96	21.03	19.21
		1711.5	22.98	22.06	21.03	19.18
	15RB (0)	1753.5	22.94	21.98	20.95	19.11

		1732.5	22.93	21.94	20.92	19.20
		1711.5	22.97	21.95	20.94	19.24
5MHz	1RB-High (24)	1752.5	22.99	23.35	22.20	19.29
		1732.5	23.04	23.21	22.13	19.09
		1712.5	22.94	23.11	22.07	19.18
	1RB-Middle (12)	1752.5	23.03	23.23	22.26	18.92
		1732.5	23.07	23.18	22.22	19.04
		1712.5	22.95	23.11	22.11	19.06
	1RB-Low (0)	1752.5	22.99	23.43	22.15	19.09
		1732.5	22.99	23.30	22.18	18.98
		1712.5	22.97	23.18	22.16	18.98
	12RB-High (13)	1752.5	23.01	22.06	21.11	19.05
		1732.5	22.99	21.96	21.02	19.30
		1712.5	22.96	22.02	20.99	19.15
	12RB-Middle (6)	1752.5	22.98	22.03	21.10	19.27
		1732.5	22.99	21.96	20.99	18.98
		1712.5	22.96	22.01	21.06	19.30
	12RB-Low (0)	1752.5	22.95	22.11	21.14	19.18
		1732.5	22.93	21.99	21.01	18.99
		1712.5	23.03	22.04	21.04	19.20
	25RB (0)	1752.5	22.99	22.07	21.09	19.11
		1732.5	22.98	22.04	21.00	18.90
		1712.5	23.03	22.03	21.01	19.22
10MHz	1RB-High (49)	1750	23.06	23.27	22.23	19.06
		1732.5	23.02	23.26	22.13	18.91
		1715	23.05	23.21	22.20	19.05
	1RB-Middle (24)	1750	22.99	23.27	22.14	19.17
		1732.5	23.02	23.17	22.17	18.98
		1715	23.02	23.16	22.11	18.96
	1RB-Low (0)	1750	23.07	23.32	22.27	18.89
		1732.5	23.04	23.14	22.12	18.96
		1715	23.13	23.25	22.23	19.09
	25RB-High (25)	1750	23.05	22.07	21.02	18.99
		1732.5	23.00	21.99	20.99	19.12
		1715	22.98	22.00	20.99	19.24
	25RB-Middle (12)	1750	23.03	22.03	21.00	19.09
		1732.5	22.96	21.95	20.90	18.91
		1715	22.96	21.98	20.93	19.26
	25RB-Low (0)	1750	23.07	22.05	21.01	18.98
		1732.5	22.99	21.97	20.99	18.90
		1715	23.03	22.01	21.01	19.16
	50RB (0)	1750	23.04	22.07	21.06	19.21
		1732.5	22.95	21.95	20.94	19.04
		1715	23.02	21.99	20.99	19.04
15MHz	1RB-High (74)	1747.5	23.03	23.36	22.22	19.01
		1732.5	23.06	23.20	22.19	18.93
		1717.5	23.03	23.16	22.14	19.09
	1RB-Middle	1747.5	22.98	23.34	22.04	19.27

	(37)	1732.5	23.10	23.17	22.10	19.24
		1717.5 (20025)	22.93	23.24	22.09	19.04
	1RB-Low (0)	1747.5	23.05	23.18	22.15	18.89
		1732.5	23.05	23.34	22.12	19.05
		1717.5 (20025)	23.00	23.24	22.21	19.14
	36RB-High (38)	1747.5	22.99	22.02	21.02	19.18
		1732.5	22.94	21.98	20.98	18.92
		1717.5	22.99	22.03	21.04	19.21
	36RB-Middle (19)	1747.5	22.99	21.97	21.00	19.23
		1732.5	22.93	21.97	20.95	18.98
		1717.5	22.99	21.96	21.01	18.95
	36RB-Low (0)	1747.5	23.05	22.03	21.04	19.14
		1732.5	22.94	21.94	20.96	18.94
		1717.5	22.98	21.97	21.00	18.92
	75RB (0)	1747.5	22.99	22.03	21.03	18.95
		1732.5	22.93	21.94	20.96	18.99
		1717.5	23.01	22.02	20.99	19.24
20MHz	1RB-High (99)	1745	23.08	23.25	22.23	19.21
		1732.5	23.04	23.31	22.18	18.99
		1720	23.03	23.14	22.06	18.90
	1RB-Middle (50)	1745	22.99	23.37	22.19	19.28
		1732.5	23.12	23.22	22.22	19.22
		1720	23.05	23.26	22.17	18.97
	1RB-Low (0)	1745	23.10	23.22	22.19	18.90
		1732.5	23.10	23.22	22.18	19.17
		1720	23.01	23.32	22.16	19.12
	50RB-High (50)	1745	23.03	22.05	21.04	19.15
		1732.5	22.97	21.98	20.96	19.18
		1720	23.06	22.09	21.05	19.01
	50RB-Middle (25)	1745	23.06	22.06	21.05	19.30
		1732.5	23.11	21.99	20.98	19.04
		1720	23.02	22.01	21.01	18.93
	50RB-Low (0)	1745	23.08	22.10	21.09	19.20
		1732.5	22.96	21.97	20.95	19.06
		1720	23.01	22.00	21.01	19.12
	100RB (0)	1745	23.06	22.04	21.04	19.07
		1732.5	23.09	21.92	20.92	19.06
		1720	23.04	22.03	21.02	18.93

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Band 4						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3	21.93	22.14	22.14	19.26
		1732.5	21.94	22.09	22.13	19.27
		1710.7	21.94	22.21	22.15	19.20
	1RB-Middle (3)	1754.3	21.98	22.25	22.15	19.13
		1732.5	21.97	22.15	22.13	19.15
		1710.7	21.91	22.17	22.25	19.14
	1RB-Low (0)	1754.3	21.95	22.26	22.18	19.14
		1732.5	21.95	22.08	22.13	19.32
		1710.7	21.92	22.15	22.15	19.12
	3RB-High (3)	1754.3	21.97	21.93	22.09	19.11
		1732.5	21.90	21.89	22.02	19.28
		1710.7	21.95	21.95	22.05	19.09
	3RB-Middle (1)	1754.3	22.00	21.97	22.02	19.08
		1732.5	21.95	22.01	22.05	19.13
		1710.7	21.92	21.87	21.99	19.09
	3RB-Low (0)	1754.3	21.96	22.00	22.03	19.15
		1732.5	21.95	22.02	22.09	19.13
		1710.7	21.97	21.88	22.05	19.25
	6RB (0)	1754.3	21.95	22.10	20.92	19.21
		1732.5	21.91	22.00	20.88	18.96
		1710.7	21.98	22.03	20.91	19.31
3MHz	1RB-High (14)	1753.5	21.96	22.21	22.17	19.31
		1732.5	21.91	22.14	22.08	19.26
		1711.5	21.87	22.20	22.00	19.25
	1RB-Middle (7)	1753.5	21.96	22.29	22.19	19.11
		1732.5	21.94	22.17	22.10	19.31
		1711.5	21.96	22.04	22.13	19.06
	1RB-Low (0)	1753.5	21.93	22.25	22.08	19.21
		1732.5	21.92	22.10	22.03	19.18
		1711.5	21.89	22.21	22.12	19.27
	8RB-High (7)	1753.5	21.98	22.06	21.07	19.32
		1732.5	21.91	22.02	20.98	19.11
		1711.5	21.95	21.99	21.02	19.21
	8RB-Middle (4)	1753.5	21.97	22.06	21.04	19.11
		1732.5	21.93	21.95	21.03	19.25
		1711.5	21.96	21.98	20.99	19.10
	8RB-Low (0)	1753.5	22.05	22.10	21.00	19.24
		1732.5	21.90	21.94	20.97	19.12
		1711.5	21.98	22.03	20.98	19.29
	15RB (0)	1753.5	21.98	22.02	20.98	19.27

		1732.5	21.89	21.99	20.89	19.27
		1711.5	21.98	21.96	20.91	19.22
5MHz	1RB-High (24)	1752.5	21.98	22.24	22.21	19.16
		1732.5	22.06	22.22	22.10	19.31
		1712.5	21.94	22.25	22.09	19.17
	1RB-Middle (12)	1752.5	22.12	22.34	22.24	19.14
		1732.5	21.98	22.30	22.08	19.13
		1712.5	22.13	22.17	22.21	19.21
	1RB-Low (0)	1752.5	21.97	22.25	22.25	19.19
		1732.5	21.98	22.25	22.14	19.21
		1712.5	22.00	22.17	22.17	19.20
	12RB-High (13)	1752.5	22.05	22.04	21.06	19.16
		1732.5	21.97	22.00	21.01	19.28
		1712.5	22.00	22.02	21.02	19.24
	12RB-Middle (6)	1752.5	22.09	22.08	21.11	19.30
		1732.5	21.97	22.00	21.02	19.10
		1712.5	22.01	22.01	21.04	19.22
	12RB-Low (0)	1752.5	22.09	22.11	21.11	19.13
		1732.5	21.96	21.98	21.02	19.30
		1712.5	22.05	22.02	21.04	19.25
	25RB (0)	1752.5	22.10	22.06	21.02	19.14
		1732.5	22.02	22.02	21.00	19.08
		1712.5	22.03	22.03	20.99	19.13
10MHz	1RB-High (49)	1750	22.05	22.35	22.28	19.20
		1732.5	22.00	22.38	22.14	19.16
		1715	22.01	22.36	22.17	19.25
	1RB-Middle (24)	1750	21.95	22.23	22.18	19.06
		1732.5	22.00	22.27	22.15	19.28
		1715	21.90	22.12	22.05	19.30
	1RB-Low (0)	1750	22.02	22.39	22.24	19.27
		1732.5	22.01	22.23	22.14	19.10
		1715	22.02	22.25	22.16	19.09
	25RB-High (25)	1750	22.04	22.07	21.04	19.12
		1732.5	21.98	22.00	20.97	19.27
		1715	21.98	21.96	21.00	19.09
	25RB-Middle (12)	1750	22.01	22.03	20.99	19.22
		1732.5	21.94	21.94	20.90	19.23
		1715	21.92	21.97	20.96	19.28
	25RB-Low (0)	1750	22.05	22.08	21.01	19.07
		1732.5	21.98	21.93	20.94	19.28
		1715	21.99	22.00	21.01	19.33
	50RB (0)	1750	22.02	22.05	21.06	19.12
		1732.5	21.94	21.95	20.94	19.12
		1715	22.00	21.99	21.02	19.06
15MHz	1RB-High (74)	1747.5	22.02	22.28	22.30	19.07
		1732.5	22.11	22.32	22.24	19.20
		1717.5	22.12	22.25	22.16	19.27
	1RB-Middle	1747.5	22.02	22.30	22.19	19.26

	(37)	1732.5	22.03	22.23	22.11	19.06
		1717.5 (20025)	21.93	22.18	22.14	19.27
	1RB-Low (0)	1747.5	22.00	22.31	22.20	19.12
		1732.5	22.12	22.25	22.16	19.32
		1717.5 (20025)	22.01	22.38	22.11	19.10
	36RB-High (38)	1747.5	21.98	21.99	21.04	19.30
		1732.5	21.96	21.92	20.99	19.27
		1717.5	22.00	22.02	21.04	19.24
	36RB-Middle (19)	1747.5	21.98	21.96	21.03	19.22
		1732.5	21.93	21.94	20.96	19.32
		1717.5	21.98	21.97	21.00	19.23
	36RB-Low (0)	1747.5	22.04	22.03	21.06	19.17
		1732.5	21.92	21.94	20.94	19.29
		1717.5	21.94	21.98	20.99	19.27
	75RB (0)	1747.5	22.06	22.05	21.00	19.13
		1732.5	21.96	21.97	20.98	19.27
		1717.5	21.99	22.02	20.98	19.15
20MHz	1RB-High (99)	1745	22.08	22.39	22.27	19.12
		1732.5	22.07	22.37	22.24	19.19
		1720	22.02	22.16	22.20	19.25
	1RB-Middle (50)	1745	22.05	22.29	22.20	19.13
		1732.5	22.09	22.14	22.17	19.29
		1720	21.96	22.34	22.15	19.18
	1RB-Low (0)	1745	22.04	22.30	22.12	19.12
		1732.5	22.01	22.15	22.18	19.14
		1720	22.05	22.37	22.20	19.17
	50RB-High (50)	1745	22.04	22.06	21.05	19.17
		1732.5	21.98	22.01	20.98	19.16
		1720	22.08	22.07	21.06	19.23
	50RB-Middle (25)	1745	22.06	22.05	21.10	19.18
		1732.5	22.13	21.97	21.00	19.05
		1720	22.02	22.00	21.00	19.22
	50RB-Low (0)	1745	22.09	22.08	21.10	19.11
		1732.5	21.98	21.96	20.95	19.10
		1720	22.01	22.03	20.99	19.31
	100RB (0)	1745	22.03	22.07	21.04	19.28
		1732.5	22.07	21.93	20.94	19.06
		1720	22.05	22.05	21.05	19.16

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Band 4						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3	17.85	18.14	17.91	17.88
		1732.5	17.94	17.80	17.88	17.87
		1710.7	17.85	17.80	18.01	17.87
	1RB-Middle (3)	1754.3	17.83	18.08	17.78	17.91
		1732.5	17.90	17.99	17.87	17.86
		1710.7	17.86	17.99	17.80	17.87
	1RB-Low (0)	1754.3	17.87	18.14	17.88	17.80
		1732.5	17.83	17.78	17.90	17.80
		1710.7	17.92	18.13	18.04	17.90
	3RB-High (3)	1754.3	17.90	17.90	17.91	17.74
		1732.5	17.90	18.17	18.00	17.71
		1710.7	17.93	17.86	17.87	17.86
	3RB-Middle (1)	1754.3	17.91	17.79	18.03	17.93
		1732.5	17.94	17.91	17.89	17.92
		1710.7	17.88	18.17	18.01	17.79
	3RB-Low (0)	1754.3	17.86	18.14	17.98	17.87
		1732.5	17.78	17.93	17.89	17.75
		1710.7	17.78	18.07	17.89	17.92
	6RB (0)	1754.3	17.81	17.92	17.88	17.90
		1732.5	17.90	17.94	17.91	17.81
		1710.7	17.82	18.07	17.82	17.93
3MHz	1RB-High (14)	1753.5	17.95	17.93	17.86	17.88
		1732.5	17.79	18.04	18.00	17.93
		1711.5	17.97	17.89	18.02	18.01
	1RB-Middle (7)	1753.5	17.90	17.84	18.04	18.00
		1732.5	17.96	18.17	17.89	17.82
		1711.5	17.94	17.97	18.02	17.91
	1RB-Low (0)	1753.5	17.90	18.02	17.86	17.74
		1732.5	17.92	18.01	17.89	17.80
		1711.5	17.83	18.12	17.94	17.73
	8RB-High (7)	1753.5	17.94	17.94	17.80	17.90
		1732.5	17.84	17.98	17.79	17.72
		1711.5	17.86	17.88	17.96	17.81
	8RB-Middle (4)	1753.5	17.78	17.97	17.93	18.01
		1732.5	17.81	17.87	18.00	17.81
		1711.5	17.87	17.82	17.82	17.97
	8RB-Low (0)	1753.5	17.85	18.09	17.79	17.77
		1732.5	17.95	17.92	17.87	17.82
		1711.5	17.87	17.90	17.81	17.91
	15RB (0)	1753.5	17.78	17.86	17.87	18.00

		1732.5	17.82	17.80	17.95	17.86
		1711.5	17.81	18.03	17.90	17.83
5MHz	1RB-High (24)	1752.5	17.80	18.07	17.95	17.97
		1732.5	17.93	17.93	17.89	18.02
		1712.5	17.90	17.93	17.84	17.79
	1RB-Middle (12)	1752.5	17.88	17.82	17.95	18.06
		1732.5	17.95	17.79	17.94	17.79
		1712.5	17.94	17.86	17.98	17.78
	1RB-Low (0)	1752.5	17.96	17.90	17.79	18.01
		1732.5	17.79	17.89	17.91	17.98
		1712.5	17.92	18.08	17.80	17.87
	12RB-High (13)	1752.5	17.78	18.12	17.94	17.81
		1732.5	17.89	18.10	18.00	17.75
		1712.5	17.80	18.16	17.94	18.01
	12RB-Middle (6)	1752.5	17.94	18.11	17.92	17.89
		1732.5	17.78	17.84	17.95	17.73
		1712.5	17.96	18.17	18.01	17.88
	12RB-Low (0)	1752.5	17.87	17.95	17.92	18.02
		1732.5	17.78	18.10	17.97	17.79
		1712.5	17.95	17.99	17.83	17.81
	25RB (0)	1752.5	17.94	17.89	17.78	18.00
		1732.5	17.90	18.01	17.97	17.78
		1712.5	17.95	17.90	17.90	18.00
10MHz	1RB-High (49)	1750	17.96	17.79	17.86	17.93
		1732.5	17.80	18.09	17.78	17.98
		1715	17.94	18.08	17.82	18.06
	1RB-Middle (24)	1750	17.83	18.06	17.89	17.75
		1732.5	17.86	18.10	18.04	18.06
		1715	17.83	18.10	17.99	18.00
	1RB-Low (0)	1750	17.88	18.05	17.89	17.74
		1732.5	17.88	17.93	17.97	17.78
		1715	17.83	18.07	17.89	18.05
	25RB-High (25)	1750	17.93	17.91	17.92	17.95
		1732.5	17.96	17.81	17.85	17.91
		1715	17.85	17.93	18.01	17.86
	25RB-Middle (12)	1750	17.94	17.95	17.90	17.90
		1732.5	17.93	17.86	17.82	17.79
		1715	17.94	18.00	17.85	17.86
	25RB-Low (0)	1750	17.80	17.87	17.79	17.75
		1732.5	17.85	18.02	17.82	17.80
		1715	17.96	18.03	17.98	17.76
	50RB (0)	1750	17.85	17.86	17.94	17.91
		1732.5	17.84	17.90	17.97	17.97
		1715	17.91	18.06	17.88	17.94
15MHz	1RB-High (74)	1747.5	17.93	17.98	17.86	17.80
		1732.5	17.94	17.94	17.81	17.92
		1717.5	17.92	17.97	17.98	18.03
	1RB-Middle	1747.5	17.83	18.12	17.88	17.89

	(37)	1732.5	17.83	18.03	17.82	17.87
		1717.5 (20025)	17.88	18.16	17.89	17.92
	1RB-Low (0)	1747.5	17.95	17.87	17.81	18.00
		1732.5	17.96	17.83	17.87	17.98
		1717.5 (20025)	17.96	17.81	17.91	17.89
	36RB-High (38)	1747.5	17.96	18.13	17.83	17.88
		1732.5	17.82	17.92	18.02	17.96
		1717.5	17.95	17.85	17.97	17.92
	36RB-Middle (19)	1747.5	17.89	18.11	17.81	18.00
		1732.5	17.78	17.85	17.80	17.98
		1717.5	17.92	17.82	17.81	17.74
	36RB-Low (0)	1747.5	17.79	17.84	18.02	17.88
		1732.5	17.79	18.02	17.80	18.05
		1717.5	17.80	17.80	17.82	17.90
	75RB (0)	1747.5	17.97	18.16	18.00	17.72
		1732.5	17.84	17.84	18.04	17.72
		1717.5	17.91	18.05	17.93	17.84
20MHz	1RB-High (99)	1745	17.91	18.25	18.04	17.94
		1732.5	17.84	18.08	18.03	18.02
		1720	17.84	18.17	18.11	17.94
	1RB-Middle (50)	1745	17.91	18.12	18.07	17.96
		1732.5	17.92	18.07	18.04	18.03
		1720	17.81	18.07	17.95	18.00
	1RB-Low (0)	1745	17.86	18.10	18.03	17.76
		1732.5	17.82	17.98	17.95	17.94
		1720	17.79	18.06	18.00	17.89
	50RB-High (50)	1745	17.88	17.88	17.84	17.71
		1732.5	17.85	17.85	17.81	18.02
		1720	17.82	17.82	17.85	17.94
	50RB-Middle (25)	1745	17.89	17.90	17.91	17.79
		1732.5	17.94	17.84	17.87	17.82
		1720	17.78	17.79	17.80	17.93
	50RB-Low (0)	1745	17.92	17.92	17.92	17.95
		1732.5	17.80	17.78	17.80	17.76
		1720	17.78	17.79	17.80	17.96
	100RB (0)	1745	17.86	17.87	17.87	17.73
		1732.5	17.89	17.83	17.83	17.79
		1720	17.80	17.78	17.78	17.94

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Band 4						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM

1.4MHz	1RB-High (5)	1754.3	20.84	20.93	20.91	18.93
		1732.5	20.95	20.85	20.90	19.03
		1710.7	20.78	21.15	20.97	18.90
	1RB-Middle (3)	1754.3	20.86	21.15	20.87	19.08
		1732.5	20.94	20.79	20.86	19.02
		1710.7	20.86	20.95	20.99	18.87
	1RB-Low (0)	1754.3	20.81	20.92	20.78	19.01
		1732.5	20.86	21.10	20.82	19.01
		1710.7	20.79	21.03	20.81	18.87
	3RB-High (3)	1754.3	20.79	20.93	20.96	19.07
		1732.5	20.80	20.79	20.85	18.87
		1710.7	20.88	21.12	20.99	19.06
	3RB-Middle (1)	1754.3	20.90	20.78	20.78	19.08
		1732.5	20.84	21.07	20.82	19.07
		1710.7	20.84	21.02	20.81	18.96
	3RB-Low (0)	1754.3	20.79	20.96	20.79	18.99
		1732.5	20.85	20.97	20.82	18.96
		1710.7	20.84	20.79	20.84	18.90
	6RB (0)	1754.3	20.79	21.14	21.00	18.90
		1732.5	20.86	21.03	20.99	18.92
		1710.7	20.82	21.03	20.94	19.04
3MHz	1RB-High (14)	1753.5	20.97	20.96	20.97	19.09
		1732.5	20.80	21.00	20.96	19.04
		1711.5	20.93	21.07	20.95	19.06
	1RB-Middle (7)	1753.5	20.89	20.98	20.96	18.99
		1732.5	20.89	20.91	21.00	18.98
		1711.5	20.86	21.02	20.90	19.09
	1RB-Low (0)	1753.5	20.78	21.09	21.00	18.91
		1732.5	20.86	20.99	20.89	19.06
		1711.5	20.87	21.01	20.95	18.99
	8RB-High (7)	1753.5	20.79	21.08	20.96	18.87
		1732.5	20.88	20.83	20.78	18.88
		1711.5	20.97	21.05	20.96	18.98
	8RB-Middle (4)	1753.5	20.96	21.03	20.95	18.97
		1732.5	20.82	20.86	20.98	19.02
		1711.5	20.94	21.13	20.93	19.01
	8RB-Low (0)	1753.5	20.82	20.98	20.82	19.01
		1732.5	20.88	21.11	21.00	18.96
		1711.5	20.82	20.83	20.79	19.05
	15RB (0)	1753.5	20.94	21.00	20.88	19.00
		1732.5	20.92	21.04	20.86	19.09
		1711.5	20.95	21.09	20.97	19.03
5MHz	1RB-High (24)	1752.5	20.72	21.02	20.93	19.03
		1732.5	20.67	21.05	20.92	19.09
		1712.5	20.73	21.05	21.01	18.98
	1RB-Middle (12)	1752.5	20.74	21.09	21.05	19.03
		1732.5	20.76	21.10	20.89	18.95
		1712.5	20.77	21.07	21.01	18.93

	1RB-Low (0)	1752.5	20.73	21.12	20.91	19.08
		1732.5	20.74	20.96	20.92	19.02
		1712.5	20.68	21.04	20.95	18.96
	12RB-High (13)	1752.5	20.70	20.82	20.77	19.09
		1732.5	20.73	20.75	20.77	18.92
		1712.5	20.72	20.79	20.79	18.95
	12RB-Middle (6)	1752.5	20.68	20.81	20.78	18.97
		1732.5	20.68	20.73	20.77	18.89
		1712.5	20.73	20.75	20.80	18.89
	12RB-Low (0)	1752.5	20.70	20.83	20.80	18.91
		1732.5	20.73	20.78	20.76	18.98
		1712.5	20.75	20.76	20.81	18.93
	25RB (0)	1752.5	20.77	20.80	20.80	18.87
		1732.5	20.76	20.73	20.73	19.04
		1712.5	20.79	20.75	20.71	19.04
10MHz	1RB-High (49)	1750	20.81	21.09	21.00	19.07
		1732.5	20.76	21.07	20.88	19.00
		1715	20.77	20.94	21.00	18.95
	1RB-Middle (24)	1750	20.75	21.15	20.99	19.00
		1732.5	20.79	21.06	20.95	19.05
		1715	20.64	21.15	20.87	18.97
	1RB-Low (0)	1750	20.81	21.23	20.94	18.91
		1732.5	20.78	21.02	20.96	19.07
		1715	20.74	21.09	20.93	19.00
	25RB-High (25)	1750	20.79	20.77	20.77	19.00
		1732.5	20.75	20.73	20.74	18.99
		1715	20.79	20.80	20.76	18.91
	25RB-Middle (12)	1750	20.77	20.81	20.78	18.92
		1732.5	20.72	20.69	20.68	18.98
		1715	20.73	20.74	20.70	18.88
	25RB-Low (0)	1750	20.79	20.80	20.80	19.05
		1732.5	20.73	20.75	20.72	19.04
		1715	20.78	20.76	20.76	19.09
	50RB (0)	1750	20.81	20.82	20.81	19.07
		1732.5	20.71	20.73	20.72	19.09
		1715	20.77	20.78	20.76	19.00
15MHz	1RB-High (74)	1747.5	20.75	20.95	20.92	19.05
		1732.5	20.75	21.09	20.97	18.96
		1717.5	20.76	21.10	20.96	18.88
	1RB-Middle (37)	1747.5	20.78	21.07	21.08	19.06
		1732.5	20.78	21.16	21.01	18.87
		1717.5 (20025)	20.77	21.00	20.98	18.92
	1RB-Low (0)	1747.5	20.78	21.14	20.98	18.88
		1732.5	20.78	20.93	20.99	19.09
		1717.5 (20025)	20.78	21.13	21.01	18.92
	36RB-High (38)	1747.5	20.81	20.77	20.81	19.01
		1732.5	20.73	20.75	20.78	18.99

		1717.5	20.80	20.82	20.85	18.88
	36RB-Middle (19)	1747.5	20.79	20.80	20.80	19.04
		1732.5	20.76	20.77	20.81	18.99
		1717.5	20.76	20.75	20.78	19.04
	36RB-Low (0)	1747.5	20.76	20.76	20.83	19.05
		1732.5	20.73	20.71	20.81	18.92
		1717.5	20.80	20.77	20.82	18.92
	75RB (0)	1747.5	20.82	20.85	20.84	19.03
		1732.5	20.76	20.77	20.77	18.98
		1717.5	20.78	20.82	20.80	18.98
20MHz	1RB-High (99)	1745	20.82	21.23	21.01	18.94
		1732.5	20.78	20.97	20.99	18.99
		1720	20.89	21.07	20.97	18.93
	1RB-Middle (50)	1745	20.80	21.16	21.13	18.96
		1732.5	20.91	21.17	21.00	18.94
		1720	20.78	21.05	20.93	19.09
	1RB-Low (0)	1745	20.82	21.18	20.98	18.88
		1732.5	20.79	20.95	20.95	18.89
		1720	20.79	21.05	20.89	19.08
	50RB-High (50)	1745	20.83	20.81	20.85	18.92
		1732.5	20.78	20.78	20.80	19.05
		1720	20.86	20.86	20.87	18.87
	50RB-Middle (25)	1745	20.84	20.82	20.83	19.01
		1732.5	20.88	20.82	20.80	18.99
		1720	20.80	20.79	20.79	18.89
	50RB-Low (0)	1745	20.84	20.86	20.87	18.92
		1732.5	20.81	20.83	20.75	18.96
		1720	20.81	20.81	20.79	19.03
	100RB (0)	1745	20.82	20.82	20.85	18.98
		1732.5	20.86	20.77	20.78	18.96
		1720	20.83	20.81	20.81	19.05

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Band 5						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3	23.40	23.51	22.61	19.57
		836.5	23.49	23.62	22.65	19.69
		824.7	23.32	23.40	22.71	19.60
	1RB-Middle (3)	848.3	23.31	23.37	22.57	19.60
		836.5	23.59	23.75	22.71	19.72
		824.7	23.48	23.75	22.70	19.60
	1RB-Low (0)	848.3	23.42	23.46	22.61	19.66
		836.5	23.62	23.71	22.72	19.69
		824.7	23.47	23.56	22.72	19.70
	3RB-High (3)	848.3	23.32	23.34	22.58	19.53
		836.5	23.44	23.67	22.66	19.57
		824.7	23.50	23.67	22.66	19.69
	3RB-Middle (1)	848.3	23.41	23.31	22.46	19.49
		836.5	23.47	23.80	22.62	19.50
		824.7	23.33	23.56	22.59	19.67
	3RB-Low (0)	848.3	23.35	23.33	22.46	19.50
		836.5	23.56	23.49	22.59	19.65
		824.7	23.42	23.41	22.67	19.48
	6RB (0)	848.3	23.39	22.57	21.49	19.65
		836.5	23.48	22.54	21.54	19.53
		824.7	23.52	22.72	21.53	19.47
3MHz	1RB-High (14)	847.5	23.38	23.29	22.57	19.50
		836.5	23.59	23.59	22.57	19.63
		825.5	23.55	23.55	22.70	19.57
	1RB-Middle (7)	847.5	23.41	23.50	22.67	19.62
		836.5	23.68	23.61	22.75	19.62
		825.5	23.56	23.63	22.74	19.57
	1RB-Low (0)	847.5	23.39	23.58	22.70	19.55
		836.5	23.61	23.72	22.89	19.56
		825.5	23.54	23.48	22.80	19.51
	8RB-High (7)	847.5	23.40	22.56	21.58	19.67
		836.5	23.53	22.55	21.52	19.48
		825.5	23.48	22.70	21.71	19.57
	8RB-Middle (4)	847.5	23.40	22.58	21.53	19.49
		836.5	23.56	22.62	21.63	19.50
		825.5	23.49	22.65	21.68	19.54
	8RB-Low (0)	847.5	23.43	22.58	21.53	19.56
		836.5	23.60	22.66	21.60	19.56
		825.5	23.48	22.69	21.66	19.69
	15RB (0)	847.5	23.44	22.57	21.48	19.66

		836.5	23.53	22.56	21.50	19.60
		825.5	23.48	22.65	21.62	19.62
5MHz	1RB-High (24)	846.5	23.44	23.54	22.63	19.46
		836.5	23.65	23.77	22.60	19.54
		826.5	23.63	23.73	22.77	19.64
	1RB-Middle (12)	846.5	23.43	23.72	22.71	19.61
		836.5	23.81	23.89	22.83	19.60
		826.5	23.66	23.66	22.89	19.69
	1RB-Low (0)	846.5	23.47	23.74	22.64	19.70
		836.5	23.60	23.76	22.71	19.68
		826.5	23.56	23.43	22.62	19.59
	12RB-High (13)	846.5	23.40	22.55	21.56	19.66
		836.5	23.55	22.56	21.60	19.68
		826.5	23.48	22.66	21.68	19.58
	12RB-Middle (6)	846.5	23.40	22.51	21.57	19.63
		836.5	23.55	22.58	21.62	19.52
		826.5	23.51	22.66	21.73	19.69
	12RB-Low (0)	846.5	23.57	22.60	21.58	19.70
		836.5	23.53	22.63	21.69	19.62
		826.5	23.54	22.70	21.74	19.58
	25RB (0)	846.5	23.47	22.58	21.52	19.61
		836.5	23.57	22.59	21.57	19.50
		826.5	23.55	22.69	21.64	19.59
10MHz	1RB-High (49)	844	23.44	23.57	22.65	19.51
		836.5	23.70	23.76	22.60	19.68
		829	23.54	23.67	22.79	19.69
	1RB-Middle (24)	844	23.51	23.57	22.51	19.48
		836.5	23.78	23.80	22.69	19.65
		829	23.59	23.75	22.69	19.67
	1RB-Low (0)	844	23.67	23.69	22.65	19.50
		836.5	23.57	23.60	22.73	19.58
		829	23.61	23.74	22.77	19.57
	25RB-High (25)	844	23.46	22.50	21.49	19.63
		836.5	23.59	22.56	21.51	19.63
		829	23.54	22.63	21.62	19.48
	25RB-Middle (12)	844	23.54	22.59	21.54	19.46
		836.5	23.71	22.58	21.56	19.51
		829	23.51	22.65	21.67	19.69
	25RB-Low (0)	844	23.65	22.58	21.53	19.68
		836.5	23.58	22.59	21.60	19.50
		829	23.60	22.71	21.64	19.65
	50RB (0)	844	23.55	22.58	21.52	19.60
		836.5	23.62	22.58	21.60	19.54
		829	23.53	22.65	21.65	19.60

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Band 5

Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3	24.33	23.54	22.75	19.68
		836.5	24.61	23.65	22.69	19.65
		824.7	24.51	23.79	22.65	19.67
	1RB-Middle (3)	848.3	24.41	23.43	22.52	19.50
		836.5	24.56	23.63	22.73	19.77
		824.7	24.54	23.72	22.77	19.71
	1RB-Low (0)	848.3	24.42	23.48	22.57	19.79
		836.5	24.60	23.82	22.70	19.74
		824.7	24.57	23.69	22.75	19.51
	3RB-High (3)	848.3	24.47	23.37	22.56	19.56
		836.5	24.54	23.71	22.50	19.76
		824.7	24.52	23.51	22.70	19.74
	3RB-Middle (1)	848.3	24.40	23.41	22.59	19.71
		836.5	24.59	23.50	22.58	19.79
		824.7	24.38	23.56	22.64	19.75
	3RB-Low (0)	848.3	24.43	23.52	22.60	19.73
		836.5	24.49	23.65	22.70	19.51
		824.7	24.51	23.39	22.64	19.78
	6RB (0)	848.3	23.44	22.62	21.49	19.51
		836.5	23.62	22.69	21.42	19.55
		824.7	23.44	22.66	21.57	19.64
3MHz	1RB-High (14)	847.5	24.11	23.40	22.62	19.78
		836.5	24.47	23.62	22.70	19.80
		825.5	24.57	23.65	22.82	19.65
	1RB-Middle (7)	847.5	24.48	23.68	22.54	19.58
		836.5	24.67	23.79	22.74	19.71
		825.5	24.73	23.52	22.78	19.59
	1RB-Low (0)	847.5	24.53	23.43	22.73	19.72
		836.5	24.79	23.63	22.72	19.51
		825.5	24.38	23.63	22.73	19.63
	8RB-High (7)	847.5	23.35	22.60	21.63	19.61
		836.5	23.54	22.53	21.62	19.51
		825.5	23.52	22.73	21.76	19.80
	8RB-Middle (4)	847.5	23.41	22.63	21.58	19.65
		836.5	23.57	22.65	21.61	19.51
		825.5	23.50	22.71	21.73	19.71
	8RB-Low (0)	847.5	23.47	22.62	21.56	19.51
		836.5	23.60	22.66	21.63	19.56
		825.5	23.52	22.71	21.64	19.64
	15RB (0)	847.5	23.43	22.59	21.52	19.51
		836.5	23.48	22.52	21.48	19.57
		825.5	23.47	22.68	21.64	19.66
5MHz	1RB-High (24)	846.5	24.20	23.48	22.57	19.51
		836.5	24.77	23.75	22.62	19.58

		826.5	24.61	23.68	22.81	19.70
	1RB-Middle (12)	846.5	24.62	23.79	22.61	19.71
		836.5	24.66	23.77	22.72	19.59
		826.5	24.58	23.75	22.76	19.66
	1RB-Low (0)	846.5	24.36	23.62	22.60	19.78
		836.5	24.42	23.75	22.68	19.79
		826.5	24.67	23.64	22.73	19.51
	12RB-High (13)	846.5	23.49	22.61	21.63	19.72
		836.5	23.62	22.59	21.55	19.51
		826.5	23.54	22.66	21.70	19.61
	12RB-Middle (6)	846.5	23.52	22.48	21.60	19.50
		836.5	23.62	22.58	21.60	19.64
		826.5	23.54	22.75	21.75	19.55
	12RB-Low (0)	846.5	23.56	22.62	21.63	19.80
		836.5	23.61	22.69	21.65	19.65
		826.5	23.51	22.72	21.74	19.71
	25RB (0)	846.5	23.49	22.58	21.58	19.64
		836.5	23.64	22.64	21.56	19.61
		826.5	23.53	22.72	21.65	19.78
10MHz	1RB-High (49)	844	24.46	23.53	22.69	19.71
		836.5	24.70	23.76	22.58	19.74
		829	24.73	23.63	22.59	19.52
	1RB-Middle (24)	844	24.51	23.64	22.50	19.65
		836.5	24.79	23.73	22.70	19.72
		829	24.57	23.58	22.71	19.50
	1RB-Low (0)	844	24.77	23.80	22.56	19.67
		836.5	24.52	23.92	22.78	19.75
		829	24.62	23.78	22.77	19.74
	25RB-High (25)	844	23.51	22.53	21.47	19.53
		836.5	23.62	22.54	21.50	19.67
		829	23.54	22.64	21.62	19.52
	25RB-Middle (12)	844	23.55	22.56	21.50	19.60
		836.5	23.68	22.58	21.56	19.56
		829	23.54	22.70	21.67	19.63
	25RB-Low (0)	844	23.64	22.59	21.56	19.73
		836.5	23.59	22.59	21.57	19.65
		829	23.56	22.70	21.63	19.50
	50RB (0)	844	23.51	22.54	21.57	19.71
		836.5	23.58	22.57	21.57	19.61
		829	23.53	22.67	21.62	19.58

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Band 5						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM

1.4MHz	1RB-High (5)	848.3	21.44	21.48	21.56	19.68
		836.5	21.46	21.61	21.54	19.72
		824.7	21.45	21.70	21.63	19.78
	1RB-Middle (3)	848.3	21.37	21.54	21.56	19.52
		836.5	21.52	21.62	21.68	19.73
		824.7	21.46	21.59	21.60	19.60
	1RB-Low (0)	848.3	21.40	21.67	21.58	19.54
		836.5	21.52	21.69	21.66	19.67
		824.7	21.44	21.71	21.65	19.55
	3RB-High (3)	848.3	21.47	21.49	21.53	19.75
		836.5	21.43	21.41	21.41	19.55
		824.7	21.45	21.46	21.52	19.73
	3RB-Middle (1)	848.3	21.40	21.43	21.56	19.50
		836.5	21.48	21.51	21.50	19.74
		824.7	21.46	21.46	21.57	19.58
	3RB-Low (0)	848.3	21.42	21.31	21.50	19.60
		836.5	21.43	21.47	21.58	19.50
		824.7	21.49	21.51	21.54	19.74
	6RB (0)	848.3	21.39	21.45	21.45	19.53
		836.5	21.40	21.48	21.43	19.53
		824.7	21.51	21.57	21.49	19.76
3MHz	1RB-High (14)	847.5	21.43	21.65	21.55	19.70
		836.5	21.35	21.46	21.48	19.68
		825.5	21.54	21.74	21.64	19.80
	1RB-Middle (7)	847.5	21.26	21.54	21.47	19.71
		836.5	21.32	21.59	21.65	19.58
		825.5	21.49	21.76	21.63	19.51
	1RB-Low (0)	847.5	21.37	21.55	21.57	19.80
		836.5	21.48	21.73	21.76	19.76
		825.5	21.46	21.61	21.54	19.55
	8RB-High (7)	847.5	21.44	21.44	21.50	19.77
		836.5	21.40	21.46	21.41	19.68
		825.5	21.55	21.60	21.58	19.66
	8RB-Middle (4)	847.5	21.38	21.46	21.41	19.69
		836.5	21.40	21.48	21.55	19.54
		825.5	21.55	21.59	21.66	19.55
	8RB-Low (0)	847.5	21.39	21.42	21.41	19.69
		836.5	21.46	21.55	21.52	19.65
		825.5	21.51	21.55	21.55	19.73
	15RB (0)	847.5	21.36	21.42	21.40	19.64
		836.5	21.38	21.40	21.38	19.52
		825.5	21.51	21.54	21.51	19.74
5MHz	1RB-High (24)	846.5	21.42	21.58	21.62	19.80
		836.5	21.34	21.59	21.51	19.66
		826.5	21.50	21.77	21.69	19.50
	1RB-Middle (12)	846.5	21.39	21.54	21.57	19.74
		836.5	21.50	21.80	21.66	19.72
		826.5	21.56	21.75	21.69	19.67

	1RB-Low (0)	846.5	21.36	21.51	21.58	19.74
		836.5	21.56	21.73	21.68	19.79
		826.5	21.49	21.65	21.66	19.53
	12RB-High (13)	846.5	21.41	21.47	21.47	19.54
		836.5	21.41	21.48	21.51	19.72
		826.5	21.52	21.56	21.59	19.74
	12RB-Middle (6)	846.5	21.40	21.43	21.52	19.52
		836.5	21.45	21.48	21.49	19.71
		826.5	21.56	21.58	21.68	19.69
	12RB-Low (0)	846.5	21.43	21.43	21.51	19.64
		836.5	21.49	21.53	21.56	19.50
		826.5	21.60	21.60	21.60	19.61
	25RB (0)	846.5	21.42	21.39	21.42	19.59
		836.5	21.47	21.48	21.47	19.70
		826.5	21.55	21.59	21.53	19.77
10MHz	1RB-High (49)	844	21.44	21.58	21.58	19.52
		836.5	21.36	21.65	21.57	19.76
		829	21.43	21.64	21.61	19.75
	1RB-Middle (24)	844	21.27	21.65	21.38	19.77
		836.5	21.54	21.58	21.57	19.76
		829	21.52	21.70	21.67	19.55
	1RB-Low (0)	844	21.42	21.55	21.50	19.73
		836.5	21.51	21.77	21.64	19.60
		829	21.49	21.73	21.65	19.64
	25RB-High (25)	844	21.35	21.35	21.37	19.63
		836.5	21.38	21.37	21.39	19.76
		829	21.49	21.51	21.48	19.64
	25RB-Middle (12)	844	21.40	21.42	21.38	19.57
		836.5	21.54	21.40	21.41	19.59
		829	21.53	21.50	21.50	19.65
	25RB-Low (0)	844	21.40	21.40	21.39	19.60
		836.5	21.48	21.46	21.48	19.51
		829	21.53	21.51	21.52	19.70
	50RB (0)	844	21.38	21.42	21.35	19.65
		836.5	21.53	21.43	21.40	19.62
		829	21.48	21.49	21.50	19.57

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Band 7						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5	16.00	16.44	16.34	16.22
		2535	16.06	16.31	16.28	16.26
		2502.5	15.87	16.05	16.05	16.23
	1RB-Middle	2567.5	16.02	16.43	16.37	16.24

	(12)	2535	16.21	16.33	16.24	16.13
		2502.5	15.81	16.07	15.99	16.10
	1RB-Low (0)	2567.5	16.04	16.39	16.32	16.17
		2535	16.01	16.35	16.15	16.19
		2502.5	15.69	15.92	15.93	16.19
	12RB-High (13)	2567.5	15.97	16.24	16.24	16.11
		2535	16.04	16.09	16.11	16.23
		2502.5	15.78	15.78	15.87	16.25
	12RB-Middle (6)	2567.5	16.02	16.22	16.28	16.16
		2535	16.02	16.06	16.09	16.23
		2502.5	15.75	15.82	15.86	16.21
	12RB-Low (0)	2567.5	16.03	16.26	16.31	16.14
		2535	16.00	16.07	16.08	16.23
		2502.5	15.73	15.75	15.79	16.20
	25RB (0)	2567.5	16.07	16.28	16.26	16.11
		2535	16.06	16.06	16.07	16.10
		2502.5	15.84	15.84	15.80	16.19
10MHz	1RB-High (49)	2565	16.06	16.47	16.44	16.24
		2535	16.06	16.23	16.25	16.23
		2505	15.87	16.12	15.96	16.25
	1RB-Middle (24)	2565	16.02	16.48	16.47	16.11
		2535	16.03	16.19	16.16	16.20
		2505	15.90	16.14	16.01	16.25
	1RB-Low (0)	2565	16.03	16.56	16.39	16.10
		2535	15.98	16.29	16.20	16.21
		2505	15.83	16.05	15.89	16.21
	25RB-High (25)	2565	16.07	16.28	16.26	16.24
		2535	16.08	16.11	16.11	16.16
		2505	15.82	15.82	15.83	16.25
	25RB-Middle (12)	2565	16.01	16.26	16.28	16.25
		2535	16.01	16.04	16.06	16.21
		2505	15.82	15.85	15.81	16.16
	25RB-Low (0)	2565	16.01	16.28	16.29	16.25
		2535	16.01	16.06	16.07	16.15
		2505	15.80	15.82	15.84	16.26
	50RB (0)	2565	16.04	16.28	16.28	16.12
		2535	16.05	16.07	16.07	16.14
		2505	15.81	15.84	15.84	16.14
15MHz	1RB-High (74)	2562.5	16.14	16.42	16.44	16.11
		2535	16.03	16.34	16.23	16.18
		2507.5	15.89	16.07	16.00	16.13
	1RB-Middle (37)	2562.5	16.16	16.45	16.43	16.18
		2535	16.11	16.44	16.24	16.13
		2507.5	15.93	16.15	16.08	16.25
	1RB-Low (0)	2562.5	16.14	16.42	16.46	16.26
		2535	16.05	16.24	16.21	16.12
		2507.5	15.91	16.04	15.99	16.26
	36RB-High	2562.5	16.09	16.29	16.27	16.24

	(38)	2535	16.14	16.14	16.17	16.21
		2507.5	15.84	15.81	15.89	16.22
	36RB-Middle (19)	2562.5	16.08	16.24	16.29	16.25
		2535	16.07	16.07	16.08	16.19
		2507.5	15.87	15.85	15.88	16.23
	36RB-Low (0)	2562.5	16.04	16.28	16.27	16.26
		2535	16.04	16.08	16.10	16.10
		2507.5	15.85	15.82	15.88	16.21
	75RB (0)	2562.5	16.08	16.33	16.29	16.10
		2535	16.12	16.11	16.12	16.22
		2507.5	15.84	15.85	15.86	16.24
20MHz	1RB-High (99)	2560	16.35	16.55	16.50	16.16
		2535	16.16	16.48	16.20	16.11
		2510	16.00	16.26	16.16	16.18
	1RB-Middle (50)	2560	16.31	16.65	16.45	16.21
		2535	16.36	16.33	16.30	16.23
		2510	15.95	16.08	16.11	16.19
	1RB-Low (0)	2560	16.23	16.36	16.42	16.12
		2535	15.99	16.37	16.21	16.19
		2510	15.79	16.17	15.99	16.10
	50RB-High (50)	2560	16.35	16.38	16.36	16.24
		2535	16.23	16.18	16.22	16.27
		2510	15.90	15.89	15.92	16.12
	50RB-Middle (25)	2560	16.34	16.36	16.31	16.27
		2535	16.38	16.14	16.15	16.13
		2510	15.94	15.95	15.97	16.22
	50RB-Low (0)	2560	16.33	16.33	16.32	16.11
		2535	16.11	16.09	16.07	16.15
		2510	15.93	15.90	15.94	16.24
	100RB (0)	2560	16.32	16.28	16.30	16.20
		2535	16.34	16.15	16.14	16.11
		2510	15.91	15.89	15.89	16.18

LTE B7 ANT7 DSI2

Band 7						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5	19.31	19.39	19.46	18.11
		2535	19.13	19.38	19.37	18.14
		2502.5	18.93	19.30	19.21	18.16
	1RB-Middle (12)	2567.5	19.30	19.34	19.37	18.18
		2535	19.18	19.40	19.30	18.19
		2502.5	18.88	19.15	19.14	18.13
	1RB-Low (0)	2567.5	19.30	19.32	19.45	18.22
		2535	19.20	19.39	19.37	18.18

		2502.5	18.85	19.01	18.88	18.22
	12RB-High (13)	2567.5	19.31	19.37	19.37	18.23
		2535	19.16	19.16	19.17	18.18
		2502.5	18.94	18.93	18.96	18.24
	12RB-Middle (6)	2567.5	19.35	19.40	19.38	18.13
		2535	19.10	19.15	19.19	18.24
		2502.5	18.91	18.96	19.01	18.26
	12RB-Low (0)	2567.5	19.35	19.40	19.40	18.17
		2535	19.15	19.15	19.19	18.11
		2502.5	18.88	18.88	18.94	18.10
	25RB (0)	2567.5	19.35	19.38	19.35	18.26
		2535	19.14	19.17	19.16	18.25
		2502.5	18.93	18.91	18.90	18.22
10MHz	1RB-High (49)	2565	19.34	19.34	19.35	18.15
		2535	19.23	19.32	19.36	18.12
		2505	18.85	19.15	19.11	18.10
	1RB-Middle (24)	2565	19.27	19.34	19.49	18.23
		2535	19.14	19.37	19.33	18.21
		2505	18.89	19.14	19.06	18.15
	1RB-Low (0)	2565	19.30	19.38	19.31	18.13
		2535	19.11	19.36	19.29	18.15
		2505	18.83	19.19	19.03	18.17
	25RB-High (25)	2565	19.33	19.35	19.38	18.24
		2535	19.17	19.17	19.20	18.13
		2505	18.92	18.91	18.92	18.12
	25RB-Middle (12)	2565	19.34	19.35	19.35	18.23
		2535	19.14	19.13	19.17	18.10
		2505	18.93	18.92	18.94	18.10
	25RB-Low (0)	2565	19.33	19.37	19.39	18.17
		2535	19.12	19.12	19.12	18.18
		2505	18.91	18.92	18.89	18.14
	50RB (0)	2565	19.36	19.36	19.39	18.27
		2535	19.14	19.20	19.16	18.19
		2505	18.93	18.92	18.91	18.17
15MHz	1RB-High (74)	2562.5	19.27	19.39	19.48	18.16
		2535	19.11	19.28	19.30	18.24
		2507.5	18.87	19.33	19.07	18.11
	1RB-Middle (37)	2562.5	19.28	19.39	19.33	18.26
		2535	19.22	19.36	19.28	18.21
		2507.5	18.88	19.14	19.04	18.20
	1RB-Low (0)	2562.5	19.23	19.41	19.42	18.17
		2535	19.07	19.45	19.20	18.23
		2507.5	18.84	19.09	19.02	18.10
	36RB-High (38)	2562.5	19.29	19.28	19.33	18.14
		2535	19.14	19.15	19.20	18.25
		2507.5	18.87	18.87	18.93	18.16
	36RB-Middle (19)	2562.5	19.26	19.28	19.34	18.27
		2535	19.10	19.10	19.17	18.22

		2507.5	18.89	18.89	18.93	18.17
	36RB-Low (0)	2562.5	19.28	19.27	19.34	18.10
		2535	19.07	19.10	19.13	18.19
		2507.5	18.85	18.87	18.92	18.21
	75RB (0)	2562.5	19.31	19.32	19.31	18.25
		2535	19.13	19.13	19.17	18.22
		2507.5	18.86	18.92	18.89	18.16
20MHz	1RB-High (99)	2560	19.30	19.46	19.34	18.26
		2535	19.08	19.34	19.24	18.12
		2510	18.96	19.25	19.26	18.17
	1RB-Middle (50)	2560	19.29	19.35	19.46	18.12
		2535	19.36	19.33	19.38	18.27
		2510	18.86	19.13	19.05	18.15
	1RB-Low (0)	2560	19.19	19.45	19.40	18.11
		2535	19.05	19.28	19.28	18.24
		2510	18.81	19.11	18.98	18.14
	50RB-High (50)	2560	19.30	19.30	19.36	18.11
		2535	19.22	19.21	19.18	18.10
		2510	18.92	18.92	18.94	18.17
	50RB-Middle (25)	2560	19.30	19.30	19.31	18.10
		2535	19.43	19.15	19.16	18.15
		2510	18.90	18.95	18.95	18.20
	50RB-Low (0)	2560	19.29	19.33	19.32	18.15
		2535	19.10	19.12	19.11	18.14
		2510	18.93	18.96	18.95	18.17
	100RB (0)	2560	19.28	19.30	19.28	18.25
		2535	19.33	19.15	19.13	18.14
		2510	18.89	18.90	18.91	18.10

LTE B7 ANT7 DSI3

Band 7						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5	18.32	18.39	18.44	18.22
		2535	18.20	18.38	18.28	18.12
		2502.5	18.02	18.28	18.15	18.14
	1RB-Middle (12)	2567.5	18.35	18.33	18.31	18.15
		2535	18.17	18.45	18.28	18.27
		2502.5	17.89	18.09	18.13	18.16
	1RB-Low (0)	2567.5	18.28	18.35	18.45	18.17
		2535	18.11	18.33	18.31	18.15
		2502.5	17.81	18.02	18.02	18.10
	12RB-High (13)	2567.5	18.36	18.32	18.34	18.14
		2535	18.13	18.15	18.17	18.10
		2502.5	17.89	17.95	17.95	18.18

	12RB-Middle (6)	2567.5	18.31	18.34	18.35	18.17
		2535	18.13	18.14	18.13	18.16
		2502.5	17.90	17.92	17.95	18.24
	12RB-Low (0)	2567.5	18.35	18.35	18.40	18.25
		2535	18.14	18.10	18.16	18.21
		2502.5	17.84	17.87	17.93	18.22
	25RB (0)	2567.5	18.37	18.31	18.36	18.11
		2535	18.15	18.14	18.12	18.17
		2502.5	17.88	17.90	17.90	18.24
10MHz	1RB-High (49)	2565	18.33	18.36	18.45	18.17
		2535	18.24	18.38	18.34	18.19
		2505	17.90	18.27	18.00	18.15
	1RB-Middle (24)	2565	18.28	18.38	18.45	18.23
		2535	18.11	18.41	18.37	18.13
		2505	18.03	18.08	18.03	18.11
	1RB-Low (0)	2565	18.35	18.34	18.46	18.16
		2535	18.12	18.30	18.33	18.23
		2505	17.88	18.18	17.97	18.11
	25RB-High (25)	2565	18.35	18.35	18.33	18.24
		2535	18.20	18.15	18.19	18.10
		2505	17.91	17.91	17.91	18.21
	25RB-Middle (12)	2565	18.33	18.30	18.34	18.20
		2535	18.14	18.15	18.13	18.26
		2505	17.91	17.91	17.94	18.27
	25RB-Low (0)	2565	18.34	18.36	18.36	18.25
		2535	18.10	18.10	18.11	18.11
		2505	17.89	17.91	17.91	18.15
	50RB (0)	2565	18.35	18.34	18.36	18.21
		2535	18.14	18.13	18.12	18.17
		2505	17.92	17.92	17.92	18.24
15MHz	1RB-High (74)	2562.5	18.33	18.33	18.42	18.17
		2535	18.16	18.43	18.27	18.23
		2507.5	17.88	18.22	18.10	18.15
	1RB-Middle (37)	2562.5	18.33	18.36	18.34	18.16
		2535	18.14	18.39	18.22	18.25
		2507.5	17.88	18.26	18.13	18.21
	1RB-Low (0)	2562.5	18.26	18.32	18.49	18.25
		2535	18.12	18.24	18.25	18.16
		2507.5	17.87	18.24	18.04	18.27
	36RB-High (38)	2562.5	18.31	18.31	18.33	18.27
		2535	18.14	18.16	18.19	18.25
		2507.5	17.85	17.87	17.91	18.24
	36RB-Middle (19)	2562.5	18.27	18.31	18.34	18.17
		2535	18.10	18.13	18.16	18.15
		2507.5	17.89	17.93	17.95	18.15
	36RB-Low (0)	2562.5	18.29	18.32	18.34	18.12
		2535	18.09	18.13	18.11	18.22
		2507.5	17.88	17.90	17.94	18.27

	75RB (0)	2562.5	18.32	18.33	18.33	18.16
		2535	18.16	18.16	18.17	18.23
		2507.5	17.87	17.89	17.92	18.20
20MHz	1RB-High (99)	2560	18.36	18.37	18.36	18.14
		2535	18.17	18.39	18.28	18.19
		2510	17.96	18.42	18.18	18.15
	1RB-Middle (50)	2560	18.31	18.38	18.32	18.15
		2535	18.38	18.41	18.34	18.22
		2510	17.87	18.16	18.17	18.24
	1RB-Low (0)	2560	18.21	18.43	18.44	18.18
		2535	18.08	18.41	18.30	18.20
		2510	17.86	18.11	18.04	18.25
	50RB-High (50)	2560	18.35	18.35	18.33	18.19
		2535	18.23	18.21	18.23	18.27
		2510	17.91	17.91	17.92	18.11
	50RB-Middle (25)	2560	18.37	18.34	18.36	18.17
		2535	18.40	18.18	18.18	18.15
		2510	17.93	17.93	17.95	18.25
	50RB-Low (0)	2560	18.36	18.36	18.34	18.11
		2535	18.16	18.13	18.09	18.15
		2510	17.95	17.94	17.95	18.21
	100RB (0)	2560	18.34	18.31	18.33	18.15
		2535	18.36	18.15	18.17	18.16
		2510	17.93	17.90	17.92	18.20

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Band 12						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3	23.49	23.67	22.63	19.46
		707.5	24.38	23.63	22.62	19.27
		699.7	24.57	23.62	22.59	19.29
	1RB-Middle (3)	715.3	23.51	23.74	22.59	19.45
		707.5	24.48	23.71	22.61	19.37
		699.7	24.41	23.69	22.54	19.33
	1RB-Low (0)	715.3	23.50	23.79	22.63	19.43
		707.5	24.41	23.65	22.65	19.35
		699.7	24.43	23.49	22.50	19.37
	3RB-High (3)	715.3	24.50	23.43	22.56	19.45
		707.5	24.45	23.41	22.47	19.35
		699.7	24.31	23.58	22.41	19.28
	3RB-Middle (1)	715.3	24.36	23.40	22.58	19.26
		707.5	24.33	23.54	22.55	19.42
		699.7	24.43	23.59	22.47	19.36
	3RB-Low (0)	715.3	24.44	23.47	22.49	19.27

		707.5	24.42	23.42	22.53	19.31
		699.7	24.25	23.56	22.45	19.32
	6RB (0)	715.3	23.46	22.61	21.37	19.27
		707.5	23.45	22.54	21.33	19.28
		699.7	23.41	22.52	21.40	19.33
3MHz	1RB-High (14)	714.5	23.44	23.68	22.64	19.39
		707.5	24.44	23.70	22.55	19.24
		700.5	24.52	23.67	22.56	19.23
	1RB-Middle (7)	714.5	23.42	23.73	22.78	19.34
		707.5	24.46	23.60	22.64	19.49
		700.5	24.64	23.51	22.61	19.38
	1RB-Low (0)	714.5	23.39	23.67	22.64	19.47
		707.5	24.39	23.61	22.64	19.47
		700.5	24.35	23.42	22.51	19.30
	8RB-High (7)	714.5	23.43	22.47	21.45	19.25
		707.5	23.42	22.49	21.46	19.27
		700.5	23.41	22.55	21.54	19.23
	8RB-Middle (4)	714.5	23.43	22.50	21.45	19.44
		707.5	23.45	22.49	21.45	19.26
		700.5	23.47	22.54	21.51	19.45
	8RB-Low (0)	714.5	23.45	22.55	21.49	19.47
		707.5	23.48	22.49	21.49	19.39
		700.5	23.44	22.56	21.48	19.51
	15RB (0)	714.5	23.44	22.47	21.43	19.37
		707.5	23.45	22.50	21.40	19.38
		700.5	23.46	22.51	21.50	19.30
5MHz	1RB-High (24)	713.5	23.45	23.64	22.67	19.42
		707.5	24.46	23.74	22.68	19.25
		701.5	24.32	23.53	22.51	19.29
	1RB-Middle (12)	713.5	23.49	23.59	22.63	19.46
		707.5	24.57	23.57	22.72	19.51
		701.5	24.61	23.58	22.69	19.35
	1RB-Low (0)	713.5	23.46	23.69	22.66	19.35
		707.5	24.46	23.59	22.64	19.48
		701.5	24.42	23.55	22.64	19.34
	12RB-High (13)	713.5	23.39	22.46	21.49	19.34
		707.5	23.43	22.45	21.49	19.34
		701.5	23.50	22.48	21.52	19.46
	12RB-Middle (6)	713.5	23.47	22.48	21.55	19.31
		707.5	23.46	22.53	21.51	19.36
		701.5	23.51	22.45	21.54	19.40
	12RB-Low (0)	713.5	23.50	22.50	21.56	19.52
		707.5	23.51	22.55	21.55	19.41
		701.5	23.53	22.53	21.56	19.47
	25RB (0)	713.5	23.49	22.53	21.47	19.24
		707.5	23.52	22.54	21.46	19.40
		701.5	23.51	22.55	21.51	19.25
10MHz	1RB-High	711	24.48	23.69	22.66	19.36

	(49)	707.5	24.56	23.59	22.64	19.34
		704	24.58	23.73	22.62	19.28
	1RB-Middle (24)	711	24.58	23.64	22.61	19.49
		707.5	24.67	23.68	22.60	19.39
		704	24.42	23.47	22.68	19.31
	1RB-Low (0)	711	24.52	23.71	22.74	19.31
		707.5	24.56	23.67	22.82	19.48
		704	24.52	23.69	22.65	19.42
	25RB-High (25)	711	23.49	22.44	21.44	19.49
		707.5	23.49	22.46	21.42	19.31
		704	23.46	22.48	21.44	19.41
	25RB-Middle (12)	711	23.50	22.50	21.45	19.42
		707.5	23.56	22.49	21.46	19.27
		704	23.52	22.50	21.47	19.34
	25RB-Low (0)	711	23.51	22.55	21.53	19.47
		707.5	23.49	22.58	21.54	19.37
		704	23.54	22.56	21.49	19.29
	50RB (0)	711	23.47	22.50	21.48	19.26
		707.5	23.52	22.52	21.52	19.33
		704	23.50	22.44	21.47	19.26

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Band 12						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3	21.45	21.77	21.67	19.53
		707.5	21.46	21.75	21.65	19.53
		699.7	21.51	21.71	21.63	19.41
	1RB-Middle (3)	715.3	21.44	21.81	21.63	19.42
		707.5	21.46	21.84	21.60	19.52
		699.7	21.39	21.68	21.58	19.35
	1RB-Low (0)	715.3	21.44	21.67	21.68	19.35
		707.5	21.49	21.73	21.62	19.37
		699.7	21.33	21.67	21.51	19.35
	3RB-High (3)	715.3	21.44	21.43	21.49	19.47
		707.5	21.44	21.39	21.52	19.31
		699.7	21.42	21.32	21.46	19.35
	3RB-Middle (1)	715.3	21.45	21.45	21.55	19.31
		707.5	21.44	21.47	21.47	19.43
		699.7	21.41	21.39	21.50	19.50
	3RB-Low (0)	715.3	21.49	21.48	21.53	19.34
		707.5	21.43	21.44	21.47	19.54
		699.7	21.39	21.37	21.45	19.29
	6RB (0)	715.3	21.48	21.51	21.40	19.50
		707.5	21.42	21.48	21.37	19.27

		699.7	21.43	21.51	21.39	19.29
3MHz	1RB-High (14)	714.5	21.40	21.58	21.64	19.27
		707.5	21.40	21.57	21.57	19.38
		700.5	21.44	21.62	21.63	19.30
	1RB-Middle (7)	714.5	21.40	21.64	21.63	19.27
		707.5	21.40	21.71	21.64	19.27
		700.5	21.40	21.60	21.57	19.32
	1RB-Low (0)	714.5	21.40	21.59	21.66	19.48
		707.5	21.43	21.64	21.63	19.43
		700.5	21.32	21.62	21.48	19.30
	8RB-High (7)	714.5	21.41	21.47	21.46	19.44
		707.5	21.38	21.46	21.50	19.27
		700.5	21.44	21.56	21.57	19.36
	8RB-Middle (4)	714.5	21.44	21.52	21.49	19.39
		707.5	21.45	21.48	21.47	19.26
		700.5	21.48	21.54	21.55	19.47
	8RB-Low (0)	714.5	21.47	21.52	21.54	19.44
		707.5	21.46	21.50	21.50	19.32
		700.5	21.45	21.51	21.48	19.48
	15RB (0)	714.5	21.40	21.47	21.41	19.27
		707.5	21.44	21.43	21.43	19.40
		700.5	21.46	21.47	21.47	19.35
5MHz	1RB-High (24)	713.5	21.41	21.83	21.63	19.31
		707.5	21.46	21.65	21.61	19.36
		701.5	21.49	21.73	21.58	19.40
	1RB-Middle (12)	713.5	21.44	21.77	21.63	19.48
		707.5	21.48	21.82	21.58	19.35
		701.5	21.48	21.80	21.64	19.38
	1RB-Low (0)	713.5	21.49	21.82	21.69	19.39
		707.5	21.49	21.66	21.65	19.34
		701.5	21.39	21.75	21.58	19.26
	12RB-High (13)	713.5	21.43	21.45	21.54	19.49
		707.5	21.41	21.49	21.52	19.37
		701.5	21.43	21.43	21.51	19.23
	12RB-Middle (6)	713.5	21.44	21.54	21.55	19.31
		707.5	21.47	21.52	21.53	19.31
		701.5	21.49	21.52	21.54	19.38
	12RB-Low (0)	713.5	21.48	21.46	21.56	19.43
		707.5	21.47	21.50	21.58	19.34
		701.5	21.53	21.47	21.58	19.43
	25RB (0)	713.5	21.48	21.49	21.48	19.36
		707.5	21.49	21.50	21.49	19.39
		701.5	21.50	21.53	21.49	19.49
10MHz	1RB-High (49)	711	21.48	21.65	21.57	19.47
		707.5	21.47	21.63	21.67	19.26
		704	21.52	21.63	21.59	19.42
	1RB-Middle (24)	711	21.43	21.67	21.55	19.25
		707.5	21.58	21.71	21.57	19.42

		704	21.38	21.72	21.58	19.33
	1RB-Low (0)	711	21.49	21.79	21.68	19.24
		707.5	21.49	21.68	21.72	19.33
		704	21.43	21.71	21.55	19.34
	25RB-High (25)	711	21.42	21.39	21.39	19.30
		707.5	21.37	21.37	21.35	19.35
		704	21.37	21.38	21.36	19.23
	25RB-Middle (12)	711	21.46	21.44	21.40	19.35
		707.5	21.55	21.43	21.39	19.26
		704	21.44	21.43	21.43	19.42
	25RB-Low (0)	711	21.53	21.52	21.50	19.23
		707.5	21.50	21.51	21.52	19.27
		704	21.44	21.46	21.45	19.25
	50RB (0)	711	21.43	21.48	21.44	19.23
		707.5	21.44	21.43	21.42	19.33
		704	21.40	21.42	21.44	19.38

LTE B13 ANT0 DSI1/2/3

Band 13						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5	23.93	23.21	22.12	19.46
		782	23.89	23.19	22.15	19.41
		779.5	23.95	23.22	22.11	19.40
	1RB-Middle (12)	784.5	23.94	23.25	22.12	19.47
		782	23.97	23.19	22.13	19.45
		779.5	24.03	23.25	22.04	19.38
	1RB-Low (0)	784.5	23.96	23.27	22.16	19.53
		782	24.03	23.19	22.07	19.41
		779.5	24.11	23.14	22.03	19.43
	12RB-High (13)	784.5	22.85	21.92	20.95	19.50
		782	22.94	21.97	21.00	19.46
		779.5	22.98	21.99	21.03	19.56
	12RB-Middle (6)	784.5	22.93	21.96	21.01	19.49
		782	22.94	22.02	21.05	19.48
		779.5	22.95	22.00	21.03	19.40
	12RB-Low (0)	784.5	22.94	22.04	21.02	19.38
		782	23.02	22.01	21.05	19.44
		779.5	22.99	21.99	20.99	19.54
	25RB (0)	784.5	22.93	21.97	20.94	19.55
		782	23.00	22.00	20.99	19.51
		779.5	22.98	21.97	20.96	19.44
10MHz	1RB-High	782	23.93	23.12	22.08	18.93
	1RB-Middle	782	24.09	23.20	22.13	18.92
	1RB-Low (0)	782	23.99	23.29	22.13	18.76

	25RB-High	782	22.96	21.96	20.91	18.87
	25RB-Middle	782	23.08	22.02	20.99	18.79
	25RB-Low	782	23.00	21.98	20.96	18.76
	50RB (0)	782	22.99	21.94	20.92	18.92

LTE B14 ANT0 DSI1/2/3

Band 14						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5	23.55	23.62	22.75	19.44
		793	24.62	23.73	22.77	19.54
		790.5	24.54	23.90	22.70	19.56
	1RB-Middle (12)	795.5	23.57	23.87	22.68	19.44
		793	24.60	23.92	22.71	19.58
		790.5	24.57	23.88	22.82	19.43
	1RB-Low (0)	795.5	23.55	23.70	22.86	19.56
		793	24.64	23.85	22.70	19.41
		790.5	24.66	23.74	22.81	19.51
	12RB-High (13)	795.5	23.51	22.62	21.56	19.59
		793	23.51	22.63	21.60	19.41
		790.5	23.56	22.59	21.68	19.46
	12RB-Middle (6)	795.5	23.52	22.58	21.61	19.46
		793	23.54	22.64	21.64	19.46
		790.5	23.59	22.67	21.68	19.41
	12RB-Low (0)	795.5	23.49	22.59	21.67	19.46
		793	23.53	22.59	21.65	19.52
		790.5	23.60	22.65	21.67	19.46
	25RB (0)	795.5	23.56	22.62	21.56	19.46
		793	23.60	22.63	21.62	19.51
		790.5	23.62	22.68	21.66	19.55
10MHz	1RB-High	793	24.48	23.59	22.65	19.48
	1RB-Middle	793	24.61	23.59	22.73	19.51
	1RB-Low (0)	793	24.58	23.75	22.82	19.53
	25RB-High	793	23.52	22.56	21.56	19.38
	25RB-Middle	793	23.57	22.55	21.55	19.38
	25RB-Low	793	23.56	22.60	21.59	19.43
	50RB (0)	793	23.55	22.57	21.53	19.41

LTE B14 ULCA ANT0 DSI1

Band 14						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5	21.54	21.86	21.65	19.50
		793	21.62	21.88	21.74	19.44
		790.5	21.64	21.85	21.86	19.59
	1RB-Middle (12)	795.5	21.55	21.81	21.78	19.42
		793	21.70	21.93	21.84	19.55

		790.5	21.61	21.77	21.87	19.41
	1RB-Low (0)	795.5	21.63	21.97	21.80	19.55
		793	21.60	21.80	21.75	19.41
		790.5	21.60	21.96	21.79	19.39
	12RB-High (13)	795.5	21.59	21.60	21.64	19.51
		793	21.58	21.62	21.65	19.49
		790.5	21.63	21.64	21.68	19.54
	12RB-Middle (6)	795.5	21.58	21.56	21.62	19.52
		793	21.63	21.66	21.72	19.55
		790.5	21.61	21.67	21.71	19.58
	12RB-Low (0)	795.5	21.66	21.64	21.73	19.52
		793	21.61	21.67	21.71	19.58
		790.5	21.63	21.65	21.71	19.42
	25RB (0)	795.5	21.62	21.63	21.62	19.43
		793	21.68	21.66	21.67	19.45
		790.5	21.70	21.69	21.66	19.48
10MHz	1RB-High	793	21.58	21.77	21.64	19.46
	1RB-Middl	793	21.68	21.93	21.73	19.53
	1RB-Low	793	21.62	21.88	21.82	19.55
	25RB-High	793	21.59	21.58	21.59	19.51
	25RB-Mid	793	21.67	21.58	21.59	19.43
	25RB-Low	793	21.63	21.64	21.62	19.40
	50RB (0)	793	21.61	21.58	21.60	19.47

LTE B25 ANT2 DSI1

Band 25						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3	19.01	19.22	19.17	19.17
		1882.5	19.02	19.35	19.35	19.10
		1850.7	19.01	19.37	19.36	19.08
	1RB-Middle (3)	1914.3	19.02	19.37	19.11	19.14
		1882.5	19.03	19.44	19.36	19.15
		1850.7	19.00	19.39	18.87	19.19
	1RB-Low (0)	1914.3	19.01	19.31	19.20	19.19
		1882.5	19.06	19.39	19.28	19.08
		1850.7	19.04	19.37	19.28	19.08
	3RB-High (3)	1914.3	19.05	18.99	19.11	19.10
		1882.5	19.05	19.12	19.10	19.03
		1850.7	19.08	19.03	19.17	19.10
	3RB-Middle (1)	1914.3	19.01	18.94	19.11	19.11
		1882.5	19.02	18.96	19.15	19.03
		1850.7	19.03	19.00	19.19	19.03
	3RB-Low (0)	1914.3	19.05	19.01	19.06	19.03
		1882.5	19.05	19.08	19.16	19.03
		1850.7	19.11	19.08	19.15	19.15
	6RB (0)	1914.3	19.05	19.17	19.02	19.19
		1882.5	19.05	19.14	19.00	19.04
		1850.7	19.08	19.17	19.07	19.05
3MHz	1RB-High (14)	1913.5	19.01	19.20	19.16	19.18
		1882.5	18.97	19.17	19.33	19.06
		1851.5	19.01	19.27	19.27	19.07
	1RB-Middle (7)	1913.5	19.05	19.40	19.29	19.18
		1882.5	19.02	19.45	19.40	19.06
		1851.5	18.99	19.46	19.31	19.03
	1RB-Low (0)	1913.5	19.04	19.36	19.15	19.15
		1882.5	19.02	19.26	19.28	19.06
		1851.5	19.03	19.32	19.26	19.09
	8RB-High (7)	1913.5	19.03	19.01	19.04	19.03
		1882.5	19.01	19.08	19.10	19.19
		1851.5	19.07	19.08	19.12	19.06
	8RB-Middle (4)	1913.5	19.07	19.10	19.09	19.14
		1882.5	19.07	19.11	19.06	19.20
		1851.5	19.07	19.11	19.11	19.04
	8RB-Low (0)	1913.5	19.11	19.15	19.09	19.26
		1882.5	19.06	19.11	19.12	19.18
		1851.5	19.06	19.12	19.13	19.07
	15RB (0)	1913.5	19.05	19.15	19.05	19.19

		1882.5	19.02	18.99	19.04	19.18
		1851.5	19.09	19.09	19.05	19.22
5MHz	1RB-High (24)	1912.5	19.05	19.33	19.28	19.03
		1882.5	19.06	19.34	19.30	19.09
		1852.5	18.98	19.45	19.28	19.14
	1RB-Middle (12)	1912.5	19.24	19.37	19.16	19.22
		1882.5	19.09	19.48	19.26	19.22
		1852.5	19.22	19.42	19.41	19.12
	1RB-Low (0)	1912.5	19.06	19.33	19.28	19.07
		1882.5	19.08	19.37	19.29	19.26
		1852.5	19.07	19.29	19.27	19.13
	12RB-High (13)	1912.5	19.03	19.05	19.10	19.09
		1882.5	19.05	19.07	19.09	19.18
		1852.5	19.05	19.08	19.10	19.28
	12RB-Middle (6)	1912.5	19.05	19.14	19.09	19.26
		1882.5	19.06	19.09	19.18	19.24
		1852.5	19.08	19.15	19.18	19.10
	12RB-Low (0)	1912.5	19.07	19.14	19.20	19.03
		1882.5	19.09	19.13	19.12	19.16
		1852.5	19.12	19.09	19.16	19.03
	25RB (0)	1912.5	19.09	19.15	19.08	19.09
		1882.5	19.11	19.12	19.07	19.11
		1852.5	19.13	19.11	19.08	19.09
10MHz	1RB-High (49)	1910	19.07	19.45	19.28	19.03
		1882.5	19.04	19.47	19.31	19.23
		1855	18.98	19.38	19.23	19.22
	1RB-Middle (24)	1910	19.02	19.47	19.32	19.20
		1882.5	19.03	19.30	19.32	19.28
		1855	18.96	19.25	19.19	19.07
	1RB-Low (0)	1910	19.04	19.34	19.25	19.03
		1882.5	19.03	19.34	19.30	19.11
		1855	19.07	19.43	19.16	19.14
	25RB-High (25)	1910	19.02	19.04	19.02	19.21
		1882.5	19.02	19.07	19.10	19.16
		1855	19.05	19.04	19.04	19.08
	25RB-Middle (12)	1910	19.08	19.07	19.07	19.03
		1882.5	19.03	19.05	19.07	19.15
		1855	19.01	19.03	19.01	19.10
	25RB-Low (0)	1910	19.08	19.10	19.10	19.22
		1882.5	19.03	19.05	19.08	19.08
		1855	19.06	19.09	19.06	19.16
	50RB (0)	1910	19.06	19.08	19.11	19.23
		1882.5	19.03	19.03	19.08	19.25
		1855	19.07	19.09	19.08	19.06
15MHz	1RB-High (74)	1907.5	19.16	19.43	19.35	19.21
		1882.5	19.25	19.39	19.40	19.04
		1857.5	19.15	19.46	19.23	19.07
	1RB-Middle	1907.5	19.16	19.49	19.34	19.06

	(37)	1882.5	19.20	19.46	19.33	19.26
		1857.5 (26115)	19.10	19.43	19.29	19.09
	1RB-Low (0)	1907.5	19.23	19.48	19.40	19.10
		1882.5	19.17	19.42	19.35	19.08
		1857.5 (26115)	19.22	19.47	19.46	19.07
	36RB-High (38)	1907.5	19.12	19.10	19.14	19.19
		1882.5	19.17	19.14	19.18	19.08
		1857.5	19.11	19.09	19.11	19.15
	36RB-Middle (19)	1907.5	19.20	19.18	19.18	19.10
		1882.5	19.13	19.12	19.14	19.11
		1857.5	19.07	19.08	19.15	19.16
	36RB-Low (0)	1907.5	19.18	19.14	19.21	19.21
		1882.5	19.11	19.12	19.15	19.10
		1857.5	19.15	19.15	19.23	19.22
	75RB (0)	1907.5	19.19	19.20	19.18	19.16
		1882.5	19.15	19.15	19.16	19.04
		1857.5	19.18	19.16	19.16	19.27
20MHz	1RB-High (99)	1905	19.17	19.41	19.34	19.18
		1882.5	19.27	19.41	19.43	19.18
		1860	19.18	19.39	19.35	19.09
	1RB-Middle (50)	1905	19.26	19.41	19.41	19.13
		1882.5	19.34	19.46	19.45	19.18
		1860	19.19	19.49	19.33	19.13
	1RB-Low (0)	1905	19.26	19.42	19.43	19.06
		1882.5	19.17	19.46	19.48	19.04
		1860	19.27	19.40	19.39	19.13
	50RB-High (50)	1905	19.20	19.21	19.20	19.10
		1882.5	19.21	19.20	19.23	19.21
		1860	19.19	19.16	19.18	19.05
	50RB-Middle (25)	1905	19.23	19.18	19.22	19.07
		1882.5	19.28	19.20	19.20	19.12
		1860	19.21	19.19	19.19	19.15
	50RB-Low (0)	1905	19.25	19.21	19.24	19.22
		1882.5	19.20	19.15	19.17	19.25
		1860	19.26	19.26	19.24	19.28
	100RB (0)	1905	19.22	19.17	19.17	19.14
		1882.5	19.28	19.16	19.15	19.09
		1860	19.18	19.18	19.16	19.23

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Band 25						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3	23.02	23.24	22.26	19.27
		1882.5	23.16	23.41	22.35	19.24
		1850.7	23.12	23.36	22.37	19.14
	1RB-Middle (3)	1914.3	23.10	23.23	22.13	19.07
		1882.5	23.15	23.41	22.28	19.26
		1850.7	23.15	23.29	22.39	19.20
	1RB-Low (0)	1914.3	23.08	23.27	22.27	19.22
		1882.5	23.14	23.42	22.37	19.21
		1850.7	23.24	23.34	22.35	19.11
	3RB-High (3)	1914.3	23.12	23.09	22.15	19.06
		1882.5	23.16	23.14	22.27	19.16
		1850.7	23.19	23.08	22.29	19.20
	3RB-Middle (1)	1914.3	23.17	23.08	22.17	19.08
		1882.5	23.17	23.15	22.22	19.24
		1850.7	23.16	23.19	22.22	19.08
	3RB-Low (0)	1914.3	23.08	23.12	22.19	19.11
		1882.5	23.17	23.15	22.22	19.21
		1850.7	23.19	23.11	22.21	19.07
	6RB (0)	1914.3	23.10	22.18	21.11	19.15
		1882.5	23.17	22.19	21.08	19.05
		1850.7	23.16	22.25	21.17	19.18
3MHz	1RB-High (14)	1913.5	23.18	23.42	22.26	19.25
		1882.5	23.14	23.28	22.32	19.23
		1851.5	23.09	23.38	22.28	19.11
	1RB-Middle (7)	1913.5	23.06	23.33	22.31	19.14
		1882.5	23.16	23.38	22.43	19.20
		1851.5	23.26	23.33	22.28	19.15
	1RB-Low (0)	1913.5	23.08	23.42	22.31	19.21
		1882.5	23.13	23.38	22.37	19.12
		1851.5	23.11	23.37	22.31	19.25
	8RB-High (7)	1913.5	23.11	22.17	21.10	19.11
		1882.5	23.09	22.15	21.15	19.12
		1851.5	23.15	22.21	21.18	19.16
	8RB-Middle (4)	1913.5	23.12	22.20	21.14	19.26
		1882.5	23.12	22.24	21.21	19.09
		1851.5	23.18	22.23	21.19	19.13
	8RB-Low (0)	1913.5	23.13	22.19	21.21	19.17
		1882.5	23.18	22.21	21.20	19.11
		1851.5	23.17	22.22	21.25	19.21
	15RB (0)	1913.5	23.16	22.15	21.09	19.19

		1882.5	23.13	22.11	21.06	19.17
		1851.5	23.10	22.12	21.13	19.17
5MHz	1RB-High (24)	1912.5	23.10	23.37	22.33	19.27
		1882.5	23.18	23.36	22.31	19.10
		1852.5	23.16	23.38	22.32	19.19
	1RB-Middle (12)	1912.5	23.10	23.43	22.30	19.19
		1882.5	23.20	23.48	22.45	19.16
		1852.5	23.18	23.39	22.39	19.18
	1RB-Low (0)	1912.5	23.15	23.47	22.31	19.28
		1882.5	23.20	23.47	22.31	19.19
		1852.5	23.19	23.42	22.36	19.23
	12RB-High (13)	1912.5	23.16	22.17	21.20	19.23
		1882.5	23.13	22.15	21.21	19.24
		1852.5	23.16	22.21	21.20	19.12
	12RB-Middle (6)	1912.5	23.15	22.21	21.20	19.26
		1882.5	23.22	22.20	21.29	19.10
		1852.5	23.19	22.23	21.21	19.16
	12RB-Low (0)	1912.5	23.19	22.27	21.25	19.19
		1882.5	23.20	22.22	21.21	19.17
		1852.5	23.24	22.21	21.27	19.21
	25RB (0)	1912.5	23.21	22.21	21.18	19.19
		1882.5	23.18	22.19	21.17	19.18
		1852.5	23.20	22.17	21.21	19.16
10MHz	1RB-High (49)	1910	23.18	23.50	22.34	19.26
		1882.5	23.20	23.33	22.40	19.22
		1855	23.15	23.29	22.33	19.19
	1RB-Middle (24)	1910	23.13	23.45	22.30	19.19
		1882.5	23.20	23.43	22.35	19.10
		1855	23.11	23.39	22.22	19.20
	1RB-Low (0)	1910	23.21	23.41	22.37	19.26
		1882.5	23.20	23.44	22.29	19.19
		1855	23.26	23.43	22.43	19.15
	25RB-High (25)	1910	23.15	22.15	21.11	19.13
		1882.5	23.20	22.16	21.18	19.12
		1855	23.14	22.14	21.11	19.10
	25RB-Middle (12)	1910	23.18	22.16	21.16	19.20
		1882.5	23.20	22.18	21.17	19.19
		1855	23.14	22.12	21.09	19.12
	25RB-Low (0)	1910	23.20	22.19	21.18	19.20
		1882.5	23.17	22.16	21.15	19.20
		1855	23.22	22.17	21.21	19.21
	50RB (0)	1910	23.13	22.17	21.14	19.27
		1882.5	23.16	22.14	21.13	19.22
		1855	23.19	22.17	21.15	19.25
15MHz	1RB-High (74)	1907.5	23.18	23.41	22.38	19.19
		1882.5	23.22	23.42	22.30	19.11
		1857.5	23.17	23.48	22.32	19.20
	1RB-Middle	1907.5	23.17	23.44	22.27	19.24

	(37)	1882.5	23.22	23.40	22.42	19.19
		1857.5 (26115)	23.19	23.43	22.30	19.22
	1RB-Low (0)	1907.5	23.23	23.49	22.45	19.12
		1882.5	23.14	23.49	22.33	19.13
		1857.5 (26115)	23.23	23.42	22.32	19.21
	36RB-High (38)	1907.5	23.10	22.16	21.18	19.21
		1882.5	23.20	22.18	21.22	19.15
		1857.5	23.11	22.12	21.13	19.09
	36RB-Middle (19)	1907.5	23.19	22.27	21.20	19.17
		1882.5	23.15	22.13	21.16	19.25
		1857.5	23.10	22.12	20.69	19.28
	36RB-Low (0)	1907.5	23.19	22.23	21.22	19.14
		1882.5	23.14	22.16	21.19	19.13
		1857.5	23.17	22.14	21.20	19.19
	75RB (0)	1907.5	23.19	22.23	21.21	19.28
		1882.5	23.16	22.18	21.15	19.22
		1857.5	23.18	22.20	21.20	19.22
20MHz	1RB-High (99)	1905	23.27	23.38	22.32	19.14
		1882.5	23.26	23.31	22.38	19.26
		1860	23.20	23.45	22.37	19.16
	1RB-Middle (50)	1905	23.17	23.43	22.41	19.18
		1882.5	23.31	23.33	22.38	19.23
		1860	23.19	23.35	22.34	19.15
	1RB-Low (0)	1905	23.20	23.34	22.40	19.20
		1882.5	23.16	23.31	22.32	19.22
		1860	23.23	23.48	22.39	19.28
	50RB-High (50)	1905	23.16	22.21	21.18	19.26
		1882.5	23.20	22.25	21.22	19.24
		1860	23.18	22.17	21.15	19.17
	50RB-Middle (25)	1905	23.22	22.19	21.22	19.23
		1882.5	23.39	22.19	21.19	19.11
		1860	23.18	22.18	21.18	19.28
	50RB-Low (0)	1905	23.21	22.22	21.21	19.24
		1882.5	23.20	22.18	21.14	19.11
		1860	23.22	22.24	21.24	19.20
	100RB (0)	1905	23.18	22.19	21.18	19.17
		1882.5	23.25	22.15	21.14	19.09
		1860	23.18	22.18	21.17	19.18

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Band 25						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High	1914.3	22.14	22.46	22.36	19.23

	(5)	1882.5	22.22	22.41	22.49	19.25
		1850.7	22.18	22.39	22.40	19.23
	1RB-Middle (3)	1914.3	22.09	22.44	22.29	19.37
		1882.5	22.23	22.39	22.41	19.33
		1850.7	22.17	22.39	22.39	19.34
	1RB-Low (0)	1914.3	22.12	22.37	22.24	19.28
		1882.5	22.25	22.50	22.46	19.37
		1850.7	22.20	22.45	22.41	19.29
	3RB-High (3)	1914.3	22.16	22.04	22.23	19.36
		1882.5	22.24	22.20	22.27	19.26
		1850.7	22.20	22.20	22.26	19.34
	3RB-Middle (1)	1914.3	22.18	22.23	22.27	19.21
		1882.5	22.23	22.15	22.28	19.23
		1850.7	22.23	22.28	22.38	19.31
	3RB-Low (0)	1914.3	22.19	22.11	22.17	19.35
		1882.5	22.23	22.11	22.28	19.22
		1850.7	22.22	22.12	22.31	19.21
	6RB (0)	1914.3	22.15	22.24	21.18	19.35
		1882.5	22.20	22.33	21.18	19.36
		1850.7	22.20	22.36	21.16	19.33
3MHz	1RB-High (14)	1913.5	22.10	22.50	22.32	19.55
		1882.5	22.15	22.42	22.42	19.20
		1851.5	22.15	22.34	22.36	19.46
	1RB-Middle (7)	1913.5	22.14	22.39	22.43	19.52
		1882.5	22.26	22.46	22.40	19.54
		1851.5	22.15	22.48	22.29	19.41
	1RB-Low (0)	1913.5	22.21	22.26	22.24	19.18
		1882.5	22.19	22.43	22.33	19.37
		1851.5	22.18	22.45	22.39	19.54
	8RB-High (7)	1913.5	22.13	22.20	21.17	19.24
		1882.5	22.21	22.25	21.24	19.48
		1851.5	22.20	22.25	21.26	19.35
	8RB-Middle (4)	1913.5	22.14	22.22	21.21	19.30
		1882.5	22.19	22.29	21.25	19.43
		1851.5	22.21	22.28	21.25	19.40
	8RB-Low (0)	1913.5	22.19	22.26	21.22	19.31
		1882.5	22.19	22.27	21.28	19.56
		1851.5	22.23	22.32	21.26	19.54
	15RB (0)	1913.5	22.19	22.23	21.19	19.38
		1882.5	22.18	22.18	21.23	19.18
		1851.5	22.19	22.22	21.19	19.47
5MHz	1RB-High (24)	1912.5	22.17	22.48	22.35	19.21
		1882.5	22.21	22.46	22.44	19.52
		1852.5	22.18	22.42	22.38	19.41
	1RB-Middle (12)	1912.5	22.14	22.44	22.31	19.57
		1882.5	22.27	22.45	22.40	19.27
		1852.5	22.20	22.42	22.37	19.55
	1RB-Low (0)	1912.5	22.21	22.44	22.41	19.54

		1882.5	22.22	22.39	22.46	19.57
		1852.5	22.26	22.48	22.47	19.49
	12RB-High (13)	1912.5	22.19	22.24	21.26	19.45
		1882.5	22.27	22.24	21.27	19.31
		1852.5	22.21	22.22	21.26	19.53
	12RB-Middle (6)	1912.5	22.19	22.22	21.24	19.23
		1882.5	22.23	22.30	21.27	19.22
		1852.5	22.28	22.27	21.35	19.49
	12RB-Low (0)	1912.5	22.25	22.29	21.29	19.19
		1882.5	22.23	22.28	21.29	19.34
		1852.5	22.27	22.27	21.33	19.49
	25RB (0)	1912.5	22.26	22.25	21.25	19.22
		1882.5	22.26	22.24	21.22	19.23
		1852.5	22.29	22.28	21.28	19.32
10MHz	1RB-High (49)	1910	22.18	22.50	22.43	19.55
		1882.5	22.26	22.41	22.48	19.51
		1855	22.19	22.48	22.26	19.54
	1RB-Middle (24)	1910	22.19	22.49	22.43	19.26
		1882.5	22.23	22.47	22.45	19.22
		1855	22.16	22.43	22.35	19.27
	1RB-Low (0)	1910	22.29	22.50	22.36	19.53
		1882.5	22.21	22.46	22.41	19.48
		1855	22.30	22.49	22.39	19.31
	25RB-High (25)	1910	22.16	22.18	21.18	19.21
		1882.5	22.26	22.24	21.24	19.35
		1855	22.18	22.19	21.20	19.54
	25RB-Middle (12)	1910	22.22	22.22	21.18	19.24
		1882.5	22.22	22.25	21.25	19.39
		1855	22.19	22.21	21.19	19.18
	25RB-Low (0)	1910	22.24	22.26	21.26	19.46
		1882.5	22.22	22.21	21.24	19.41
		1855	22.25	22.25	21.23	19.46
	50RB (0)	1910	22.18	22.22	21.24	19.21
		1882.5	22.21	22.20	21.20	19.32
		1855	22.24	22.21	21.22	19.29
15MHz	1RB-High (74)	1907.5	22.19	22.42	22.36	19.49
		1882.5	22.25	22.45	22.35	19.31
		1857.5	22.25	22.38	22.44	19.58
	1RB-Middle (37)	1907.5	22.20	22.50	22.37	19.48
		1882.5	22.24	22.41	22.50	19.29
		1857.5 (26115)	22.18	22.46	22.24	19.54
	1RB-Low (0)	1907.5	22.26	22.44	22.48	19.53
		1882.5	22.21	22.47	22.41	19.36
		1857.5 (26115)	22.35	22.45	22.46	19.38
	36RB-High (38)	1907.5	22.17	22.18	21.21	19.49
		1882.5	22.21	22.25	21.25	19.53
		1857.5	22.14	22.16	21.20	19.27

	36RB-Middle (19)	1907.5	22.23	22.27	21.26	19.24
		1882.5	22.19	22.19	21.24	19.45
		1857.5	22.17	22.15	21.19	19.20
	36RB-Low (0)	1907.5	22.19	22.26	21.28	19.33
		1882.5	22.15	22.20	21.22	19.38
		1857.5	22.21	22.20	21.27	19.25
	75RB (0)	1907.5	22.22	22.27	21.28	19.56
		1882.5	22.21	22.22	21.22	19.35
		1857.5	22.20	22.24	21.22	19.18
20MHz	1RB-High (99)	1905	22.22	22.43	22.32	19.27
		1882.5	22.29	22.47	22.48	19.49
		1860	22.21	22.41	22.40	19.19
	1RB-Middle (50)	1905	22.19	22.44	22.39	19.45
		1882.5	22.35	22.43	22.43	19.53
		1860	22.15	22.48	22.37	19.35
	1RB-Low (0)	1905	22.26	22.43	22.40	19.38
		1882.5	22.18	22.41	22.28	19.19
		1860	22.26	22.47	22.36	19.49
	50RB-High (50)	1905	22.22	22.25	21.22	19.35
		1882.5	22.25	22.27	21.24	19.45
		1860	22.20	22.20	21.22	19.24
	50RB-Middle (25)	1905	22.26	22.24	21.25	19.45
		1882.5	22.31	22.23	21.22	19.34
		1860	22.23	22.23	21.25	19.58
	50RB-Low (0)	1905	22.26	22.27	21.25	19.54
		1882.5	22.19	22.20	21.20	19.21
		1860	22.29	22.26	21.27	19.35
	100RB (0)	1905	22.26	22.23	21.22	19.54
		1882.5	22.28	22.21	21.21	19.24
		1860	22.21	22.21	21.23	19.34

LTE B26 ANT0 DSI1/2/3

Band 26						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3	23.30	23.20	22.56	19.61
		831.5	23.61	23.47	22.80	19.53
		814.7	23.50	23.60	22.54	19.54
	1RB-Middle (3)	848.3	23.28	23.46	22.49	19.62
		831.5	23.50	23.68	22.89	19.66
		814.7	23.46	23.57	22.55	19.50
	1RB-Low (0)	848.3	23.24	23.52	22.52	19.47
		831.5	23.51	23.67	22.83	19.41
		814.7	23.59	23.31	22.64	19.40
	3RB-High (3)	848.3	23.40	23.28	22.51	19.44
		831.5	23.60	23.53	22.63	19.53
		814.7	23.61	23.70	22.50	19.61
	3RB-Middle (1)	848.3	23.26	23.48	22.48	19.53
		831.5	23.47	23.66	22.60	19.48
		814.7	23.55	23.73	22.55	19.59
	3RB-Low (0)	848.3	23.31	23.34	22.54	19.62
		831.5	23.51	23.55	22.60	19.49
		814.7	23.64	23.55	22.56	19.56
	6RB (0)	848.3	23.27	22.47	21.42	19.52
		831.5	23.54	22.59	21.49	19.41
		814.7	23.61	22.51	21.43	19.53
3MHz	1RB-High (14)	847.5	24.33	23.33	22.63	19.71
		831.5	24.44	23.69	22.70	19.45
		815.5	24.41	23.73	22.69	19.55
	1RB-Middle (7)	847.5	24.29	23.60	22.67	19.64
		831.5	24.63	23.65	22.76	19.62
		815.5	23.66	23.63	22.78	19.61
	1RB-Low (0)	847.5	24.31	23.67	22.69	19.47
		831.5	24.49	23.78	22.72	19.66
		815.5	23.63	23.63	22.77	19.43
	8RB-High (7)	847.5	23.28	22.66	21.55	19.53
		831.5	23.48	22.63	21.65	19.71
		815.5	23.55	22.67	21.63	19.57
	8RB-Middle (4)	847.5	23.34	22.61	21.52	19.58
		831.5	23.48	22.64	21.68	19.49
		815.5	23.59	22.63	21.58	19.47
	8RB-Low (0)	847.5	23.38	22.62	21.61	19.40
		831.5	23.55	22.73	21.76	19.43
		815.5	23.59	22.71	21.75	19.63
	15RB (0)	847.5	23.35	22.59	21.49	19.52

		831.5	23.48	22.68	21.59	19.41
		815.5	23.50	22.66	21.60	19.59
5MHz	1RB-High (24)	846.5	24.48	23.55	22.56	19.71
		831.5	24.44	23.79	22.79	19.47
		816.5	24.58	23.63	22.61	19.54
	1RB-Middle (12)	846.5	24.37	23.54	22.64	19.62
		831.5	24.57	23.89	22.80	19.43
		816.5	24.62	23.53	22.65	19.70
	1RB-Low (0)	846.5	24.58	23.48	22.56	19.45
		831.5	24.60	23.72	22.74	19.54
		816.5	24.61	23.66	22.67	19.56
	12RB-High (13)	846.5	23.43	22.61	21.56	19.53
		831.5	23.55	22.63	21.67	19.48
		816.5	23.55	22.56	21.57	19.65
	12RB-Middle (6)	846.5	23.41	22.52	21.57	19.62
		831.5	23.55	22.73	21.68	19.49
		816.5	23.59	22.56	21.58	19.42
	12RB-Low (0)	846.5	23.46	22.55	21.57	19.58
		831.5	23.60	22.67	21.69	19.43
		816.5	23.58	22.60	21.64	19.69
	25RB (0)	846.5	23.46	22.54	21.56	19.71
		831.5	23.56	22.69	21.64	19.61
		816.5	23.62	22.59	21.54	19.45
10MHz	1RB-High (49)	844	24.33	23.46	22.56	19.58
		831.5	24.58	23.60	22.70	19.65
		820	24.52	23.57	22.72	19.48
	1RB-Middle (24)	844	24.55	23.66	22.56	19.61
		831.5	24.62	23.78	22.76	19.49
		820	24.49	23.61	22.59	19.45
	1RB-Low (0)	844	24.53	23.70	22.69	19.55
		831.5	24.64	23.73	22.83	19.68
		820	24.73	23.59	22.66	19.47
	25RB-High (25)	844	23.38	22.49	21.41	19.58
		831.5	23.57	22.58	21.62	19.56
		820	23.57	22.64	21.60	19.45
	25RB-Middle (12)	844	23.46	22.45	21.49	19.48
		831.5	23.53	22.63	21.60	19.55
		820	23.49	22.53	21.52	19.62
	25RB-Low (0)	844	23.60	22.58	21.53	19.49
		831.5	23.55	22.70	21.64	19.68
		820	23.57	22.55	21.50	19.71
	50RB (0)	844	23.49	22.52	21.50	19.54
		831.5	23.52	22.66	21.59	19.50
		820	23.56	22.63	21.57	19.65
15MHz	1RB-High (74)	841.5	24.42	23.44	22.53	19.72
		831.5	24.58	23.59	22.68	19.71
		822.5	24.63	23.62	22.76	19.41
	1RB-Middle	841.5	24.66	23.61	22.75	19.62

	(37)	831.5	24.69	23.55	22.78	19.62
		822.5 (26775)	24.58	23.69	22.62	19.54
	1RB-Low (0)	841.5	24.60	23.77	22.78	19.54
		831.5	24.67	23.76	22.71	19.65
		822.5 (26775)	24.68	23.78	22.68	19.44
	36RB-High (38)	841.5	23.48	22.47	21.49	19.56
		831.5	23.57	22.62	21.61	19.68
		822.5	23.56	22.66	21.69	19.49
	36RB-Middle (19)	841.5	23.50	22.52	21.50	19.47
		831.5	23.59	22.64	21.66	19.49
		822.5	23.52	22.59	21.62	19.60
	36RB-Low (0)	841.5	23.55	22.59	21.60	19.59
		831.5	23.52	22.70	21.70	19.69
		822.5	23.56	22.54	21.56	19.62
	75RB (0)	841.5	23.54	22.57	21.55	19.70
		831.5	23.61	22.66	21.64	19.53
		822.5	23.58	22.62	21.62	19.72

LTE B30 ANT6 DSI1

Band 30						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5	20.06	20.46	20.48	18.98
		2310	20.11	20.46	20.33	18.95
		2307.5	20.12	20.39	20.35	18.72
	1RB-Middle (12)	2312.5	20.06	20.35	20.30	18.96
		2310	20.05	20.43	20.37	18.94
		2307.5	20.05	20.47	20.38	18.82
	1RB-Low (0)	2312.5	20.15	20.43	20.43	18.73
		2310	20.17	20.40	20.36	18.71
		2307.5	20.06	20.40	20.41	18.97
	12RB-High (13)	2312.5	20.09	20.17	20.23	18.96
		2310	20.09	20.18	20.20	18.77
		2307.5	20.11	20.14	20.19	18.83
	12RB-Middle (6)	2312.5	20.09	20.17	20.21	18.88
		2310	20.09	20.14	20.21	18.95
		2307.5	20.09	20.14	20.20	18.72
	12RB-Low (0)	2312.5	20.09	20.19	20.25	18.93
		2310	20.11	20.15	20.19	18.86
		2307.5	20.11	20.18	20.19	18.95
	25RB (0)	2312.5	20.11	20.14	20.18	18.81
		2310	20.12	20.16	20.19	18.77
		2307.5	20.14	20.19	20.19	18.94
	1RB-High	2310	20.14	20.43	20.37	18.79

10MHz	1RB-Middl	2310	20.17	20.30	20.28	18.95
	1RB-Low	2310	20.14	20.42	20.31	18.72
	25RB-High	2310	20.10	20.10	20.15	18.77
	25RB-Mid	2310	20.11	20.10	20.10	18.78
	25RB-Low	2310	20.08	20.11	20.11	18.97
	50RB (0)	2310	20.13	20.12	20.14	18.79

LTE B30 ANT6 DSI2

Band 30						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5	23.00	23.32	22.34	18.98
		2310	23.07	23.28	22.26	18.87
		2307.5	23.12	23.45	22.23	18.94
	1RB-Middle (12)	2312.5	23.08	23.39	22.38	18.96
		2310	23.08	23.31	22.19	19.06
		2307.5	23.27	23.46	22.41	19.01
	1RB-Low (0)	2312.5	23.05	23.25	22.38	18.95
		2310	23.21	23.30	22.32	19.07
		2307.5	23.20	23.47	22.42	19.10
	12RB-High (13)	2312.5	23.07	22.08	21.32	18.96
		2310	23.12	22.12	21.33	19.05
		2307.5	23.15	22.21	21.29	18.92
	12RB-Middle (6)	2312.5	23.09	22.18	21.32	19.01
		2310	23.17	22.14	21.29	18.85
		2307.5	23.21	22.21	21.25	19.07
	12RB-Low (0)	2312.5	23.09	22.11	21.34	18.96
		2310	23.20	22.21	21.31	18.85
		2307.5	23.17	22.17	21.30	18.85
	25RB (0)	2312.5	23.12	22.11	21.28	19.00
		2310	23.17	22.19	21.26	18.97
		2307.5	23.17	22.22	21.21	19.03
10MHz	1RB-High	2310	23.09	23.39	22.16	18.93
	1RB-Middl	2310	23.25	23.45	22.29	18.98
	1RB-Low	2310	23.20	23.42	22.35	19.02
	25RB-High	2310	23.08	22.12	21.21	19.00
	25RB-Mid	2310	23.21	22.12	21.23	18.84
	25RB-Low	2310	23.15	22.17	21.21	19.09
	50RB (0)	2310	23.15	22.16	21.24	19.02

LTE B30 ANT6 DSI3

Band 30			
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)

	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5	22.10	22.41	22.24	18.91
		2310	22.09	22.37	22.21	18.88
		2307.5	22.13	22.31	22.30	19.08
	1RB-Middle (12)	2312.5	22.11	22.39	22.16	19.05
		2310	22.14	22.45	22.29	18.86
		2307.5	22.23	22.46	22.46	19.03
	1RB-Low (0)	2312.5	22.17	22.30	22.31	19.04
		2310	22.22	22.48	22.42	19.05
		2307.5	22.22	22.46	22.39	18.99
	12RB-High (13)	2312.5	22.14	22.15	21.36	18.86
		2310	22.11	22.13	21.34	18.92
		2307.5	22.14	22.15	21.30	19.06
	12RB-Middle (6)	2312.5	22.14	22.17	21.30	18.90
		2310	22.15	22.15	21.33	18.93
		2307.5	22.19	22.16	21.32	19.10
	12RB-Low (0)	2312.5	22.10	22.13	21.35	19.02
		2310	22.21	22.25	21.33	19.10
		2307.5	22.19	22.22	21.34	18.88
	25RB (0)	2312.5	22.17	22.14	21.26	19.04
		2310	22.19	22.18	21.31	18.95
		2307.5	22.24	22.23	21.30	19.00
10MHz	1RB-High	2310	22.15	22.31	22.27	18.91
	1RB-Middl	2310	22.34	22.45	22.33	19.06
	1RB-Low	2310	22.31	22.42	22.44	19.00
	25RB-High	2310	22.15	22.16	21.28	18.91
	25RB-Mid	2310	22.28	22.16	21.27	18.86
	25RB-Low	2310	22.23	22.21	21.25	19.00
	50RB (0)	2310	22.19	22.18	21.26	19.02

LTE B30 ULCA ANT6 DSI1

Band 30						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5	17.16	17.47	17.34	16.94
		2310	17.00	17.35	17.32	16.94
		2307.5	16.93	17.33	17.24	16.93
	1RB-Middle (12)	2312.5	17.21	17.37	17.31	16.87
		2310	17.12	17.35	17.25	16.99
		2307.5	17.11	17.32	17.25	16.99
	1RB-Low (0)	2312.5	17.13	17.45	17.22	16.91
		2310	17.11	17.37	17.25	16.86
		2307.5	17.08	17.16	17.19	16.90
	12RB-High (13)	2312.5	17.09	17.15	17.16	16.92
		2310	17.09	17.12	17.15	16.99
		2307.5	17.05	17.11	17.10	16.98
	12RB-Middle (6)	2312.5	17.13	17.13	17.17	16.99
		2310	17.07	17.11	17.12	16.95
		2307.5	17.06	17.11	17.11	16.89
	12RB-Low (0)	2312.5	17.08	17.16	17.21	16.91
		2310	17.08	17.13	17.13	16.87
		2307.5	17.04	17.10	17.14	16.99
	25RB (0)	2312.5	17.15	17.16	17.15	16.92
		2310	17.13	17.10	17.10	16.95
		2307.5	17.09	17.11	17.12	16.85
10MHz	1RB-High	2310	17.16	17.48	17.34	16.85
	1RB-Middl	2310	17.18	17.40	17.19	16.93
	1RB-Low	2310	17.16	17.41	17.31	16.88
	25RB-High	2310	17.14	17.11	17.13	16.92
	25RB-Mid	2310	17.16	17.12	17.12	16.84
	25RB-Low	2310	17.14	17.10	17.11	16.86
	50RB (0)	2310	17.13	17.11	17.13	16.91

LTE B30 ULCA ANT6 DSI3

Band 30						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5	18.50	18.79	18.91	17.65
		2310	18.59	18.73	18.76	17.50
		2307.5	18.54	18.91	18.80	17.58
	1RB-Middle (12)	2312.5	18.58	18.92	18.77	17.59
		2310	18.61	18.82	18.84	17.55
		2307.5	18.58	18.75	18.77	17.57
	1RB-Low (0)	2312.5	18.58	18.97	18.86	17.55
		2310	18.66	18.99	18.88	17.64
		2307.5	18.62	19.01	18.82	17.51
	12RB-High (13)	2312.5	18.55	18.59	18.65	17.64
		2310	18.57	18.59	18.69	17.62
		2307.5	18.60	18.63	18.70	17.64
	12RB-Middle (6)	2312.5	18.55	18.58	18.65	17.60
		2310	18.61	18.60	18.63	17.60
		2307.5	18.59	18.69	18.73	17.60
	12RB-Low (0)	2312.5	18.58	18.62	18.65	17.58
		2310	18.58	18.63	18.72	17.58
		2307.5	18.62	18.67	18.72	17.61
	25RB (0)	2312.5	18.59	18.58	18.60	17.59
		2310	18.62	18.61	18.65	17.62
		2307.5	18.62	18.64	18.67	17.53
10MHz	1RB-High	2310	18.46	18.96	18.79	17.59
	1RB-Middl	2310	18.65	18.78	18.75	17.61
	1RB-Low	2310	18.54	19.04	18.73	17.61
	25RB-High	2310	18.54	18.53	18.57	17.54
	25RB-Mid	2310	18.60	18.57	18.60	17.58
	25RB-Low	2310	18.56	18.61	18.61	17.54
	50RB (0)	2310	18.57	18.59	18.60	17.59

LTE B38 ANT4 DSI1

Band 38						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5	19.45	19.33	18.82	18.58
		2595	19.42	19.50	19.04	18.61
		2572.5	19.62	19.67	19.29	18.65
	1RB-Middle (12)	2617.5	19.46	19.32	18.89	18.64
		2595	19.63	19.60	19.15	18.60
		2572.5	19.60	19.66	19.25	18.54
	1RB-Low (0)	2617.5	19.45	19.39	18.97	18.58
		2595	19.54	19.59	19.17	18.52
		2572.5	19.52	19.56	19.20	18.50
	12RB-High (13)	2617.5	19.41	19.19	19.28	18.57
		2595	19.42	19.40	19.47	18.67
		2572.5	19.60	19.57	19.69	18.51
	12RB-Middle (6)	2617.5	19.44	19.20	19.28	18.60
		2595	19.43	19.42	19.49	18.54
		2572.5	19.59	19.54	19.62	18.66
	12RB-Low (0)	2617.5	19.49	19.21	19.30	18.51
		2595	19.50	19.48	19.54	18.64
		2572.5	19.55	19.52	19.62	18.48
	25RB (0)	2617.5	19.47	19.24	19.32	18.56
		2595	19.48	19.46	19.52	18.65
		2572.5	19.61	19.60	19.65	18.52
10MHz	1RB-High (49)	2615	19.45	19.33	18.81	18.68
		2595	19.37	19.50	19.06	18.49
		2575	19.62	19.69	19.26	18.60
	1RB-Middle (24)	2615	19.46	19.40	18.85	18.55
		2595	19.50	19.56	19.20	18.68
		2575	19.64	19.70	19.28	18.68
	1RB-Low (0)	2615	19.46	19.45	18.94	18.60
		2595	19.60	19.68	19.26	18.49
		2575	19.60	19.64	19.22	18.53
	25RB-High (25)	2615	19.44	19.21	19.28	18.62
		2595	19.45	19.43	19.48	18.57
		2575	19.63	19.62	19.69	18.60
	25RB-Middle (12)	2615	19.51	19.27	19.33	18.68
		2595	19.50	19.49	19.54	18.53
		2575	19.64	19.63	19.68	18.64
	25RB-Low (0)	2615	19.56	19.32	19.36	18.65
		2595	19.54	19.54	19.57	18.63
		2575	19.61	19.61	19.66	18.58
	50RB (0)	2615	19.47	19.31	19.28	18.53

		2595	19.46	19.50	19.47	18.56
		2575	19.63	19.69	19.64	18.54
15MHz	1RB-High (74)	2612.5	19.49	19.31	18.87	18.62
		2595	19.39	19.42	18.96	18.51
		2577.5	19.59	19.65	19.23	18.57
	1RB-Middle (37)	2612.5	19.49	19.46	18.96	18.50
		2595	19.57	19.61	19.23	18.51
		2577.5	19.70	19.74	19.35	18.56
	1RB-Low (0)	2612.5	19.48	19.50	19.01	18.59
		2595	19.66	19.71	19.29	18.55
		2577.5	19.61	19.65	19.25	18.51
	36RB-High (38)	2612.5	19.41	19.22	19.22	18.50
		2595	19.40	19.38	19.38	18.66
		2577.5	19.57	19.54	19.57	18.58
	36RB-Middle (19)	2612.5	19.46	19.26	19.27	18.67
		2595	19.45	19.44	19.44	18.63
		2577.5	19.61	19.60	19.62	18.53
	36RB-Low (0)	2612.5	19.54	19.29	19.29	18.59
		2595	19.55	19.52	19.52	18.53
		2577.5	19.66	19.65	19.65	18.59
	75RB (0)	2612.5	19.49	19.34	19.31	18.57
		2595	19.48	19.51	19.51	18.61
		2577.5	19.64	19.67	19.66	18.60
20MHz	1RB-High (99)	2610	19.25	19.36	18.90	18.51
		2595	19.42	19.49	18.99	18.57
		2580	19.59	19.66	19.21	18.55
	1RB-Middle (50)	2610	19.37	19.46	18.99	18.58
		2595	19.73	19.70	19.21	18.62
		2580	19.70	19.74	19.31	18.50
	1RB-Low (0)	2610	19.50	19.59	19.16	18.59
		2595	19.63	19.77	19.38	18.58
		2580	19.67	19.71	19.32	18.67
	50RB-High (50)	2610	19.33	19.32	19.30	18.64
		2595	19.46	19.46	19.44	18.56
		2580	19.66	19.66	19.64	18.60
	50RB-Middle (25)	2610	19.39	19.43	19.40	18.59
		2595	19.77	19.57	19.54	18.65
		2580	19.71	19.73	19.70	18.62
	50RB-Low (0)	2610	19.46	19.46	19.44	18.49
		2595	19.66	19.71	19.65	18.68
		2580	19.73	19.70	19.69	18.58
	100RB (0)	2610	19.69	19.39	19.39	18.58
		2595	19.78	19.59	19.56	18.62
		2580	19.70	19.70	19.68	18.60

LTE B38 ANT4 DSI2/3

Band 38

Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5	23.22	22.29	20.84	18.58
		2595	23.44	22.48	21.06	18.57
		2572.5	23.67	22.63	21.25	18.53
	1RB-Middle (12)	2617.5	23.28	22.31	20.86	18.67
		2595	23.54	22.61	21.15	18.57
		2572.5	23.63	22.63	21.24	18.65
	1RB-Low (0)	2617.5	23.31	22.34	20.90	18.59
		2595	23.56	22.63	21.17	18.52
		2572.5	23.55	22.54	21.16	18.53
	12RB-High (13)	2617.5	22.27	21.21	20.25	18.61
		2595	22.45	21.40	20.47	18.62
		2572.5	22.60	21.54	20.62	18.48
	12RB-Middle (6)	2617.5	22.26	21.21	20.26	18.53
		2595	22.47	21.40	20.46	18.55
		2572.5	22.57	21.53	20.57	18.61
	12RB-Low (0)	2617.5	22.29	21.24	20.27	18.54
		2595	22.53	21.44	20.53	18.48
		2572.5	22.54	21.48	20.55	18.61
	25RB (0)	2617.5	22.29	21.25	20.30	18.49
		2595	22.48	21.46	20.49	18.63
		2572.5	22.58	21.56	20.59	18.57
10MHz	1RB-High (49)	2615	23.19	22.28	20.80	18.65
		2595	23.39	22.42	20.99	18.63
		2575	23.59	22.60	21.21	18.58
	1RB-Middle (24)	2615	23.25	22.28	20.93	18.60
		2595	23.50	22.53	21.15	18.60
		2575	23.60	22.63	21.20	18.49
	1RB-Low (0)	2615	23.33	22.45	20.98	18.56
		2595	23.62	22.62	21.21	18.58
		2575	23.56	22.58	21.17	18.51
	25RB-High (25)	2615	22.24	21.20	20.24	18.67
		2595	22.41	21.39	20.43	18.65
		2575	22.60	21.59	20.62	18.61
	25RB-Middle (12)	2615	22.30	21.24	20.30	18.51
		2595	22.49	21.45	20.51	18.57
		2575	22.62	21.59	20.62	18.63
	25RB-Low (0)	2615	22.34	21.30	20.33	18.50
		2595	22.51	21.48	20.53	18.62
		2575	22.55	21.56	20.59	18.56
	50RB (0)	2615	22.29	21.30	20.26	18.66
		2595	22.44	21.44	20.44	18.61
		2575	22.61	21.61	20.58	18.55
15MHz	1RB-High (74)	2612.5	23.17	22.24	20.77	18.53
		2595	23.36	22.39	20.97	18.62

		2577.5	23.60	22.60	21.15	18.50
	1RB-Middle (37)	2612.5	23.34	22.39	20.94	18.67
		2595	23.57	22.58	21.16	18.49
		2577.5	23.71	22.67	21.26	18.58
	1RB-Low (0)	2612.5	23.40	22.47	20.97	18.60
		2595	23.66	22.66	21.23	18.55
		2577.5	23.57	22.59	21.17	18.58
	36RB-High (38)	2612.5	22.22	21.21	20.22	18.65
		2595	22.39	21.34	20.33	18.60
		2577.5	22.52	21.49	20.49	18.52
	36RB-Middle (19)	2612.5	22.25	21.24	20.22	18.59
		2595	22.42	21.37	20.38	18.66
		2577.5	22.57	21.53	20.53	18.52
	36RB-Low (0)	2612.5	22.31	21.26	20.30	18.65
		2595	22.50	21.47	20.45	18.55
		2577.5	22.60	21.56	20.57	18.54
	75RB (0)	2612.5	22.30	21.31	20.28	18.62
		2595	22.45	21.47	20.42	18.52
		2577.5	22.58	21.60	20.58	18.59
20MHz	1RB-High (99)	2610	23.26	22.36	20.81	18.56
		2595	23.38	22.43	20.94	18.60
		2580	23.59	22.56	21.16	18.55
	1RB-Middle (50)	2610	23.36	22.36	20.94	18.58
		2595	23.78	22.62	21.16	18.58
		2580	23.64	22.64	21.24	18.58
	1RB-Low (0)	2610	23.51	22.52	21.08	18.64
		2595	23.72	22.69	21.28	18.67
		2580	23.67	22.63	21.19	18.51
	50RB-High (50)	2610	22.32	21.33	20.28	18.50
		2595	22.44	21.40	20.38	18.48
		2580	22.61	21.60	20.57	18.62
	50RB-Middle (25)	2610	22.39	21.37	20.33	18.63
		2595	22.69	21.53	20.48	18.63
		2580	22.57	21.67	20.63	18.56
	50RB-Low (0)	2610	22.44	21.43	20.38	18.57
		2595	22.63	21.63	20.59	18.62
		2580	22.65	21.66	20.63	18.68
	100RB (0)	2610	22.39	21.38	20.34	18.54
		2595	22.65	21.53	20.50	18.58
		2580	22.64	21.64	20.60	18.50

LTE B41 PC3 ANT4 DSI1

Band 41 PC3						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM

5MHz	1RB-High (24)	2687.5	16.84	16.75	16.36	16.94
		2640.3(4109	16.61	16.66	16.28	16.86
		2593 (40620)	16.83	16.89	16.47	16.89
		2545.8(4014	16.63	16.71	16.28	16.80
		2498.5	16.21	16.28	15.86	16.93
	1RB-Middle (12)	2687.5	16.84	16.80	16.44	16.87
		2640.3(4109	16.72	16.70	16.28	16.93
		2593 (40620)	16.92	16.89	16.54	17.04
		2545.8(4014	16.59	16.69	16.25	17.02
		2498.5	16.41	16.31	15.85	16.83
	1RB-Low (0)	2687.5	16.84	16.85	16.48	16.90
		2640.3(4109	16.61	16.64	16.26	16.97
		2593 (40620)	16.88	16.92	16.54	16.91
		2545.8(4014	16.56	16.63	16.22	16.87
		2498.5	16.21	16.26	15.89	16.89
	12RB-High (13)	2687.5	16.82	16.68	16.77	16.88
		2640.3(4109	16.60	16.58	16.67	16.96
		2593 (40620)	16.82	16.77	16.86	16.78
		2545.8(4014	16.63	16.61	16.70	16.89
		2498.5	16.22	16.17	16.26	16.82
	12RB-Middle (6)	2687.5	16.84	16.71	16.81	16.94
		2640.3(4109	16.60	16.56	16.67	17.04
		2593 (40620)	16.83	16.78	16.84	16.88
		2545.8(4014	16.59	16.56	16.61	16.83
		2498.5	16.21	16.17	16.24	17.00
	12RB-Low (0)	2687.5	16.86	16.75	16.85	17.00
		2640.3(4109	16.61	16.59	16.66	17.00
		2593 (40620)	16.84	16.79	16.89	16.94
		2545.8(4014	16.60	16.56	16.64	16.94
		2498.5	16.22	16.15	16.23	16.98
	25RB (0)	2687.5	16.83	16.76	16.83	16.83
		2640.3(4109	16.61	16.63	16.69	16.86
		2593 (40620)	16.84	16.82	16.89	16.81
		2545.8(4014	16.65	16.66	16.70	17.04
		2498.5	16.22	16.24	16.28	16.94
10MHz	1RB-High (49)	2685 (41540)	16.81	16.76	16.34	17.05
		2639(41080)	16.60	16.64	16.26	16.89
		2593 (40620)	16.75	16.81	16.38	17.01
		2547(40160)	16.66	16.73	16.30	17.05
		2501 (39700)	16.20	16.25	15.84	17.03
	1RB-Middle (24)	2685 (41540)	16.80	16.83	16.44	16.99
		2639(41080)	16.58	16.65	16.23	16.85
		2593 (40620)	16.85	16.85	16.51	16.92
		2547(40160)	16.60	16.62	16.23	16.85
		2501 (39700)	16.17	16.22	15.78	16.81
	1RB-Low (0)	2685 (41540)	16.79	16.96	16.55	16.99
		2639(41080)	16.59	16.64	16.24	17.00
		2593 (40620)	16.90	16.93	16.55	16.86

		2547(40160)	16.57	16.63	16.22	16.86
		2501 (39700)	16.19	16.25	15.86	16.85
	25RB-High (25)	2685 (41540)	16.73	16.71	16.77	16.93
		2639(41080)	16.59	16.58	16.65	16.80
		2593 (40620)	16.74	16.73	16.78	16.85
		2547(40160)	16.63	16.63	16.71	16.83
		2501 (39700)	16.18	16.18	16.23	16.87
	25RB-Middle (12)	2685 (41540)	16.79	16.78	16.84	16.83
		2639(41080)	16.55	16.54	16.60	16.99
		2593 (40620)	16.81	16.79	16.84	16.98
		2547(40160)	16.61	16.62	16.67	16.84
		2501 (39700)	16.14	16.15	16.21	16.93
	25RB-Low (0)	2685 (41540)	16.85	16.85	16.88	17.02
		2639(41080)	16.54	16.55	16.60	16.96
		2593 (40620)	16.88	16.85	16.88	16.97
		2547(40160)	16.57	16.57	16.64	16.81
		2501 (39700)	16.16	16.15	16.19	16.91
	50RB (0)	2685 (41540)	16.80	16.84	16.83	16.87
		2639(41080)	16.55	16.59	16.58	16.81
		2593 (40620)	16.81	16.84	16.82	16.92
		2547(40160)	16.60	16.67	16.64	17.00
		2501 (39700)	16.17	16.21	16.20	16.82
15MHz	1RB-High (74)	2682.5	16.85	16.77	16.34	17.03
		2637.8(4106	16.66	16.67	16.29	17.01
		2593 (40620)	16.75	16.80	16.34	16.78
		2548.3(4017	16.77	16.81	16.40	16.90
		2503.5	16.23	16.28	15.88	16.93
	1RB-Middle (37)	2682.5	16.82	16.92	16.51	17.03
		2637.8(4106	16.61	16.66	16.26	16.93
		2593 (40620)	16.89	16.93	16.53	16.89
		2548.3(4017	16.68	16.71	16.35	16.85
		2503.5	16.23	16.28	15.86	16.97
	1RB-Low (0)	2682.5	16.84	17.04	16.67	16.94
		2637.8(4106	16.60	16.61	16.23	16.96
		2593 (40620)	16.93	16.96	16.58	16.91
		2548.3(4017	16.58	16.62	16.26	16.86
		2503.5	16.20	16.24	15.83	16.88
	36RB-High (38)	2682.5	16.73	16.71	16.75	16.79
		2637.8(4106	16.55	16.53	16.59	17.03
		2593 (40620)	16.72	16.70	16.73	16.83
		2548.3(4017	16.69	16.67	16.71	16.86
		2503.5	16.18	16.15	16.20	16.94
	36RB-Middle (19)	2682.5	16.79	16.80	16.83	16.94
		2637.8(4106	16.55	16.52	16.57	16.98
		2593 (40620)	16.79	16.77	16.81	17.04
		2548.3(4017	16.64	16.60	16.64	16.92
		2503.5	16.15	16.14	16.16	16.89
	36RB-Lo	2682.5	16.89	16.89	16.93	16.89

	w (0)	2637.8(4106	16.54	16.48	16.54	16.91
		2593 (40620)	16.88	16.84	16.86	16.88
		2548.3(4017	16.61	16.58	16.63	16.89
		2503.5	16.14	16.10	16.14	16.79
	75RB (0)	2682.5	16.84	16.89	16.89	16.89
		2637.8(4106	16.59	16.60	16.63	16.82
		2593 (40620)	16.83	16.86	16.85	16.93
		2548.3(4017	16.65	16.70	16.72	16.78
		2503.5	16.19	16.21	16.23	17.01
20MHz	1RB-High (99)	2680 (41490)	16.77	16.83	16.41	16.78
		2636.5(4105	16.68	16.72	16.33	16.91
		2593 (40620)	16.74	16.79	16.36	16.80
		2549.5(4018	16.79	16.87	16.46	16.90
		2506 (39750)	16.28	16.34	16.03	16.83
	1RB-Middle (50)	2680 (41490)	16.96	17.04	16.62	16.96
		2636.5(4105	16.65	16.72	16.32	16.88
		2593 (40620)	16.97	16.96	16.54	16.81
		2549.5(4018	16.72	16.75	16.35	17.03
		2506 (39750)	16.27	16.31	16.09	16.89
	1RB-Low (0)	2680 (41490)	16.94	17.02	16.65	17.00
		2636.5(4105	16.62	16.68	16.24	17.05
		2593 (40620)	16.95	16.98	16.59	16.81
		2549.5(4018	16.61	16.65	16.22	17.05
		2506 (39750)	16.23	16.26	16.08	16.84
	50RB-High (50)	2680 (41490)	16.82	16.85	16.85	16.91
		2636.5(4105	16.68	16.69	16.69	16.90
		2593 (40620)	16.79	16.79	16.79	16.82
		2549.5(4018	16.78	16.82	16.78	16.93
		2506 (39750)	16.28	16.28	16.27	16.79
	50RB-Middle (25)	2680 (41490)	16.95	16.95	16.95	17.05
		2636.5(4105	16.64	16.66	16.66	16.92
		2593 (40620)	17.04	16.89	16.88	17.04
		2549.5(4018	16.71	16.75	16.72	16.82
		2506 (39750)	16.26	16.28	16.25	16.86
	50RB-Low (0)	2680 (41490)	17.02	17.08	17.08	16.79
		2636.5(4105	16.61	16.62	16.59	17.03
		2593 (40620)	16.97	16.95	16.95	16.83
		2549.5(4018	16.64	16.68	16.66	16.97
		2506 (39750)	16.24	16.24	16.22	16.87
	100RB (0)	2680 (41490)	16.94	16.97	16.92	16.95
		2636.5(4105	16.64	16.63	16.64	17.02
		2593 (40620)	16.97	16.87	16.85	16.96
		2549.5(4018	16.71	16.75	16.73	16.83
		2506 (39750)	16.24	16.26	16.25	16.82

LTE B41 PC3 ANT4 DSI2

Band 41 PC3						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5	21.32	21.41	20.97	18.85
		2640.3(41090	21.24	21.31	20.88	18.93
		2593	21.42	21.52	21.06	19.04
		2545.8(40140	21.26	21.29	20.86	18.78
		2498.5	20.83	20.91	20.43	19.01
	1RB-Middle (12)	2687.5	21.43	21.44	21.03	18.83
		2640.3(41090	21.24	21.31	20.86	18.83
		2593	21.53	21.55	21.11	18.93
		2545.8(40140	21.15	21.28	20.80	18.80
		2498.5	20.83	20.89	20.40	19.00
	1RB-Low (0)	2687.5	21.40	21.51	21.07	18.83
		2640.3(41090	21.22	21.30	20.86	18.93
		2593	21.45	21.51	21.12	18.79
		2545.8(40140	21.13	21.23	20.85	18.87
		2498.5	20.80	20.89	20.43	18.91
	12RB-High (13)	2687.5	21.32	21.28	20.87	18.87
		2640.3(41090	21.22	21.19	20.76	19.04
		2593	21.41	21.36	20.94	18.99
		2545.8(40140	21.22	21.20	20.78	18.90
		2498.5	20.80	20.75	20.33	19.05
	12RB-Middle (6)	2687.5	21.36	21.32	20.89	18.95
		2640.3(41090	21.19	21.18	20.74	19.00
		2593	21.39	21.38	20.95	18.91
		2545.8(40140	21.20	21.16	20.72	18.97
		2498.5	20.83	20.76	20.33	18.98
	12RB-Low (0)	2687.5	21.41	21.37	20.92	18.78
		2640.3(41090	21.20	21.18	20.76	18.98
		2593	21.45	21.39	20.98	18.88
		2545.8(40140	21.20	21.18	20.74	18.93
		2498.5	20.80	20.75	20.33	19.05
	25RB (0)	2687.5	21.38	21.40	20.91	18.99
		2640.3(41090	21.25	21.23	20.76	19.04
		2593	21.43	21.42	20.97	19.03
		2545.8(40140	21.26	21.24	20.78	18.89
		2498.5	20.82	20.80	20.37	18.94
10MHz	1RB-High (49)	2685	21.34	21.39	20.96	18.87
		2639(41080)	21.23	21.29	20.85	18.87
		2593	21.36	21.41	20.95	18.88
		2547(40160)	21.26	21.36	20.88	18.94
		2501	20.81	20.88	20.43	18.80

	1RB-Middle (24)	2685	21.40	21.47	21.04	18.94
		2639(41080)	21.20	21.28	20.84	18.92
		2593	21.43	21.53	21.07	19.03
		2547(40160)	21.14	21.33	20.81	18.96
		2501	20.75	20.82	20.35	18.90
	1RB-Low (0)	2685	21.53	21.58	21.15	18.82
		2639(41080)	21.22	21.29	20.81	18.95
		2593	21.52	21.58	21.14	18.99
		2547(40160)	21.16	21.30	20.83	18.79
		2501	20.74	20.87	20.39	18.99
	25RB-High (25)	2685	21.35	21.31	20.89	18.86
		2639(41080)	21.24	21.23	20.75	18.90
		2593	21.36	21.32	20.85	18.90
		2547(40160)	21.25	21.25	20.81	18.88
		2501	20.76	20.77	20.34	18.86
	25RB-Middle (12)	2685	21.41	21.39	20.96	18.90
		2639(41080)	21.17	21.18	20.71	18.95
		2593	21.42	21.40	20.92	18.84
		2547(40160)	21.23	21.23	20.78	18.90
		2501	20.76	20.74	20.31	18.86
	25RB-Low (0)	2685	21.46	21.46	20.99	18.87
		2639(41080)	21.17	21.18	20.72	18.98
		2593	21.48	21.43	20.97	18.98
		2547(40160)	21.18	21.19	20.71	18.79
		2501	20.76	20.74	20.30	18.89
	50RB (0)	2685	21.43	21.44	20.93	19.00
		2639(41080)	21.17	21.21	20.68	18.88
		2593	21.40	21.44	20.88	18.93
		2547(40160)	21.23	21.26	20.73	18.81
		2501	20.76	20.80	20.27	19.04
15MHz	1RB-High (74)	2682.5	21.30	21.37	20.92	19.05
		2637.8(4106	21.21	21.28	20.83	18.82
		2593	21.26	21.40	20.90	19.00
		2548.3(4017	21.33	21.41	20.96	18.87
		2503.5	20.81	20.84	20.43	18.98
	1RB-Middle (37)	2682.5	21.47	21.54	21.08	18.94
		2637.8(4106	21.17	21.30	20.84	19.00
		2593	21.44	21.54	21.11	19.03
		2548.3(4017	21.23	21.35	20.90	19.01
		2503.5	20.82	20.82	20.43	18.86
	1RB-Low (0)	2682.5	21.57	21.65	21.21	19.02
		2637.8(4106	21.14	21.26	20.79	18.95
		2593	21.47	21.55	21.13	18.99
		2548.3(4017	21.13	21.27	20.76	18.82
		2503.5	20.78	20.79	20.38	19.00
	36RB-High (38)	2682.5	21.33	21.31	20.81	18.92
		2637.8(4106	21.15	21.15	20.65	18.81
		2593	21.30	21.29	20.77	18.83

		2548.3(4017	21.25	21.25	20.77	19.01
		2503.5	20.75	20.71	20.20	18.88
	36RB-Middle (19)	2682.5	21.40	21.39	20.93	18.91
		2637.8(4106	21.15	21.15	20.66	18.86
		2593	21.36	21.33	20.88	18.85
		2548.3(4017	21.21	21.19	20.72	18.94
		2503.5	20.75	20.71	20.21	18.90
	36RB-Low (0)	2682.5	21.48	21.46	20.99	18.89
		2637.8(4106	21.12	21.11	20.63	18.81
		2593	21.43	21.40	20.94	18.90
		2548.3(4017	21.18	21.15	20.68	19.01
		2503.5	20.70	20.67	20.19	18.97
	75RB (0)	2682.5	21.42	21.47	20.98	19.05
		2637.8(4106	21.18	21.22	20.72	18.82
		2593	21.39	21.43	20.93	19.04
		2548.3(4017	21.23	21.27	20.78	18.88
		2503.5	20.76	20.78	20.30	19.02
20MHz	1RB-High (99)	2680	21.30	21.38	20.95	18.78
		2636.5(4105	21.23	21.28	20.87	18.95
		2593	21.24	21.37	20.90	18.95
		2549.5(4018	21.35	21.43	20.98	19.05
		2506	20.81	20.92	20.46	18.86
	1RB-Middle (50)	2680	21.52	21.63	21.17	18.85
		2636.5(4105	21.17	21.22	20.81	18.90
		2593	21.57	21.50	21.09	18.82
		2549.5(4018	21.23	21.30	20.90	18.89
		2506	20.77	20.86	20.40	19.04
	1RB-Low (0)	2680	21.54	21.61	21.19	19.03
		2636.5(4105	21.13	21.21	20.81	18.83
		2593	21.47	21.56	21.15	18.79
		2549.5(4018	21.11	21.21	20.81	18.83
		2506	20.70	20.80	20.37	19.05
	50RB-High (50)	2680	21.37	21.40	20.90	18.86
		2636.5(4105	21.21	21.24	20.73	18.80
		2593	21.29	21.33	20.81	18.99
		2549.5(4018	21.32	21.36	20.84	18.82
		2506	20.80	20.80	20.31	18.84
	50RB-Middle (25)	2680	21.48	21.49	20.99	18.83
		2636.5(4105	21.17	21.22	20.69	18.81
		2593	21.58	21.44	20.92	19.05
		2549.5(4018	21.24	21.30	20.78	18.86
		2506	20.79	20.79	20.29	18.94
	50RB-Low (0)	2680	21.51	21.62	21.13	18.80
		2636.5(4105	21.13	21.20	20.64	18.83
		2593	21.45	21.52	20.98	18.96
		2549.5(4018	21.18	21.23	20.69	18.99
		2506	20.73	20.75	20.24	18.78
	100RB (0)	2680	21.45	21.49	21.02	19.02

		2636.5(4105	21.17	21.21	20.68	19.03
		2593	21.49	21.42	20.89	19.01
		2549.5(4018	21.26	21.29	20.75	18.92
		2506	20.75	20.77	20.29	18.81

LTE B41 PC3 ANT4 DSI3

Band 41 PC3						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5	20.31	20.42	19.96	18.90
		2640.3(4109	20.23	20.27	19.84	19.00
		2593	20.41	20.48	19.83	18.89
		2545.8(4014	20.26	20.31	19.84	18.79
		2498.5	19.82	19.91	19.41	18.78
	1RB-Middle (12)	2687.5	20.44	20.46	19.82	19.04
		2640.3(4109	20.29	20.31	19.84	18.93
		2593	20.56	20.51	19.86	19.03
		2545.8(4014	20.25	20.32	19.78	18.96
		2498.5	19.87	19.89	19.39	18.98
	1RB-Low (0)	2687.5	20.41	20.48	19.86	18.78
		2640.3(4109	20.22	20.27	19.82	18.80
		2593	20.48	20.52	19.88	18.83
		2545.8(4014	20.19	20.30	19.83	18.89
		2498.5	19.78	19.86	19.46	18.91
	12RB-High (13)	2687.5	20.34	20.28	20.37	18.79
		2640.3(4109	20.24	20.16	20.25	18.88
		2593	20.42	20.35	20.41	18.95
		2545.8(4014	20.23	20.20	20.27	19.02
		2498.5	19.80	19.75	19.83	18.91
	12RB-Middle (6)	2687.5	20.37	20.34	20.41	18.79
		2640.3(4109	20.21	20.16	20.24	18.89
		2593	20.41	20.36	20.41	19.01
		2545.8(4014	20.18	20.13	20.20	18.90
		2498.5	19.79	19.75	19.81	18.98
	12RB-Low (0)	2687.5	20.44	20.37	20.45	19.00
		2640.3(4109	20.20	20.18	20.22	18.91
		2593	20.43	20.39	20.44	18.85
		2545.8(4014	20.20	20.15	20.20	19.00
		2498.5	19.78	19.75	19.79	18.88
	25RB (0)	2687.5	20.39	20.39	20.42	18.99
		2640.3(4109	20.24	20.24	20.29	18.81
		2593	20.44	20.40	20.46	18.92
		2545.8(4014	20.27	20.22	20.29	18.81
		2498.5	19.83	19.82	19.85	19.03
	1RB-High	2685	20.33	20.41	19.95	18.87

10MHz	(49)	2639(41080)	20.24	20.31	19.85	18.83
		2593	20.32	20.44	19.99	18.83
		2547(40160)	20.29	20.33	19.88	19.00
		2501	19.81	19.90	19.42	18.98
	1RB-Middle (24)	2685	20.39	20.50	19.88	18.82
		2639(41080)	20.21	20.29	19.82	19.02
		2593	20.44	20.54	19.86	18.82
		2547(40160)	20.18	20.24	19.86	18.97
		2501	19.76	19.89	19.37	19.05
	1RB-Low (0)	2685	20.52	20.60	19.87	19.05
		2639(41080)	20.21	20.31	19.85	18.87
		2593	20.53	20.58	19.83	18.99
		2547(40160)	20.18	20.26	19.85	19.00
		2501	19.81	19.90	19.44	18.89
	25RB-High (25)	2685	20.33	20.35	20.40	18.97
		2639(41080)	20.22	20.20	20.25	19.03
		2593	20.37	20.35	20.39	18.98
		2547(40160)	20.27	20.25	20.31	18.82
		2501	19.80	19.79	19.85	18.82
	25RB-Middle (12)	2685	20.41	20.41	20.45	18.97
		2639(41080)	20.17	20.15	20.21	18.81
		2593	20.40	20.39	20.42	18.98
		2547(40160)	20.25	20.22	20.27	18.95
		2501	19.78	19.78	19.82	18.90
	25RB-Low (0)	2685	20.48	20.49	20.52	18.81
		2639(41080)	20.19	20.16	20.21	18.89
		2593	20.49	20.46	20.49	19.04
		2547(40160)	20.20	20.17	20.23	18.79
		2501	19.80	19.75	19.80	18.98
	50RB (0)	2685	20.42	20.47	20.44	18.78
		2639(41080)	20.19	20.21	20.20	18.82
		2593	20.42	20.43	20.41	18.98
		2547(40160)	20.25	20.26	20.23	18.95
		2501	19.78	19.80	19.78	18.89
15MHz	1RB-High (74)	2682.5	20.30	20.40	19.92	18.90
		2637.8(4106	20.23	20.30	19.86	18.78
		2593	20.33	20.42	19.92	18.89
		2548.3(4017	20.37	20.38	19.94	19.03
		2503.5	19.84	19.90	19.44	19.00
	1RB-Middle (37)	2682.5	20.45	20.56	19.85	18.81
		2637.8(4106	20.22	20.30	19.87	19.00
		2593	20.49	20.57	19.81	18.79
		2548.3(4017	20.25	20.32	19.86	18.81
		2503.5	19.82	19.88	19.46	18.88
	1RB-Low (0)	2682.5	20.57	20.67	18.84	18.86
		2637.8(4106	20.18	20.27	19.81	19.05
		2593	20.51	20.54	19.82	18.97
		2548.3(4017	20.18	20.24	19.83	19.05

		2503.5	19.80	19.85	19.42	18.92
	36RB-High (38)	2682.5	20.33	20.33	20.34	18.79
		2637.8(4106	20.17	20.14	20.17	18.93
		2593	20.33	20.28	20.32	18.99
		2548.3(4017	20.27	20.25	20.25	19.03
		2503.5	19.75	19.73	19.77	18.90
	36RB-Middle (19)	2682.5	20.40	20.40	20.44	18.98
		2637.8(4106	20.15	20.12	20.16	18.99
		2593	20.38	20.35	20.39	18.87
		2548.3(4017	20.22	20.19	20.20	18.81
		2503.5	19.76	19.72	19.75	18.85
	36RB-Low (0)	2682.5	20.51	20.49	20.48	18.96
		2637.8(4106	20.12	20.09	20.13	19.02
		2593	20.46	20.42	20.43	18.97
		2548.3(4017	20.20	20.15	20.17	18.84
		2503.5	19.72	19.69	19.72	19.05
	75RB (0)	2682.5	20.44	20.50	20.49	18.90
		2637.8(4106	20.17	20.21	20.23	18.90
		2593	20.41	20.43	20.44	18.80
		2548.3(4017	20.26	20.27	20.28	19.03
		2503.5	19.78	19.79	19.81	18.84
20MHz	1RB-High (99)	2680	20.32	20.44	19.97	18.97
		2636.5(4105	20.28	20.33	19.89	18.98
		2593	20.29	20.35	19.90	18.89
		2549.5(4018	20.39	20.46	19.99	18.91
		2506	19.87	19.96	19.48	18.80
	1RB-Middle (50)	2680	20.55	20.67	19.78	19.00
		2636.5(4105	20.22	20.32	19.81	18.81
		2593	20.65	20.52	19.83	18.91
		2549.5(4018	20.29	20.39	19.88	18.95
		2506	19.83	19.88	19.44	19.00
	1RB-Low (0)	2680	20.54	20.64	19.80	19.03
		2636.5(4105	20.17	20.31	19.79	18.81
		2593	20.55	20.59	19.97	18.95
		2549.5(4018	20.19	20.31	19.77	18.85
		2506	19.80	19.83	19.39	19.00
	50RB-High (50)	2680	20.38	20.44	20.43	18.82
		2636.5(4105	20.24	20.28	20.26	18.81
		2593	20.33	20.36	20.33	18.98
		2549.5(4018	20.38	20.38	20.37	18.89
		2506	19.84	19.86	19.83	18.97
	50RB-Middle (25)	2680	20.47	20.55	20.51	18.91
		2636.5(4105	20.21	20.24	20.22	18.85
		2593	20.62	20.46	20.45	19.11
		2549.5(4018	20.31	20.29	20.30	19.05
		2506	19.83	19.83	19.83	18.89
	50RB-Low (0)	2680	20.61	20.66	20.65	19.04
		2636.5(4105	20.17	20.18	20.18	18.88

		2593	20.52	20.54	20.53	18.93
		2549.5(4018	20.22	20.24	20.21	18.87
		2506	19.78	19.79	19.79	18.82
	100RB (0)	2680	20.50	20.52	20.54	18.83
		2636.5(4105	20.21	20.22	20.21	18.99
		2593	20.53	20.45	20.44	19.05
		2549.5(4018	20.29	20.31	20.29	18.94
		2506	19.81	19.81	19.81	18.82

LTE B41 PC2 ANT4 DSI1

Band 41 PC2						
Bandwidth (MHz)	RB allocation / RB offset	Frequency (MHz)	Actual output power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5	19.72	19.97	19.72	19.84
		2640.3(4109	19.66	19.87	19.63	19.78
		2593 (40620)	19.87	19.82	19.86	19.94
		2545.8(4014	19.70	19.95	19.69	19.93
		2498.5	19.26	19.52	19.25	19.83
	1RB-Middle (12)	2687.5	19.83	19.92	19.78	19.83
		2640.3(4109	19.71	19.93	19.63	19.91
		2593 (40620)	19.93	19.94	19.87	19.93
		2545.8(4014	19.71	19.95	19.65	19.82
		2498.5	19.34	19.56	19.25	19.86
	1RB-Low (0)	2687.5	19.84	19.87	19.84	19.92
		2640.3(4109	19.65	19.90	19.63	19.82
		2593 (40620)	19.90	19.83	19.91	19.82
		2545.8(4014	19.63	19.90	19.63	19.90
		2498.5	19.23	19.48	19.25	19.85
	12RB-High (13)	2687.5	19.73	19.76	19.79	19.91
		2640.3(4109	19.64	19.68	19.70	19.85
		2593 (40620)	19.83	19.87	19.91	19.80
		2545.8(4014	19.67	19.71	19.74	19.94
		2498.5	19.23	19.26	19.29	19.82
	12RB-Middle (6)	2687.5	19.77	19.78	19.83	19.79
		2640.3(4109	19.62	19.66	19.71	19.94
		2593 (40620)	19.86	19.87	19.91	19.88
		2545.8(4014	19.63	19.68	19.71	19.78
		2498.5	19.24	19.28	19.32	19.79
	12RB-Low (0)	2687.5	19.82	19.85	19.89	19.79
		2640.3(4109	19.63	19.68	19.72	19.89
		2593 (40620)	19.85	19.90	19.95	19.80
		2545.8(4014	19.64	19.68	19.71	19.90
		2498.5	19.22	19.26	19.30	19.84
	25RB (0)	2687.5	19.79	19.79	19.84	19.92
		2640.3(4109	19.66	19.67	19.71	19.88

		2593 (40620)	19.87	19.87	19.90	19.91
		2545.8(4014	19.70	19.70	19.75	19.91
		2498.5	19.26	19.29	19.32	19.89
10MHz	1RB-High (49)	2685 (41540)	19.75	19.99	19.71	19.78
		2639(41080)	19.68	19.90	19.63	19.83
		2593 (40620)	19.81	19.95	19.77	19.78
		2547(40160)	19.77	19.91	19.72	19.87
		2501 (39700)	19.27	19.52	19.25	19.79
	1RB-Middle (24)	2685 (41540)	19.83	19.94	19.81	19.87
		2639(41080)	19.63	19.90	19.61	19.81
		2593 (40620)	19.89	19.93	19.85	19.93
		2547(40160)	19.65	19.88	19.65	19.80
		2501 (39700)	19.23	19.52	19.19	19.92
	1RB-Low (0)	2685 (41540)	19.95	19.96	19.90	19.93
		2639(41080)	19.66	19.89	19.62	19.90
		2593 (40620)	19.97	19.89	19.93	19.79
		2547(40160)	19.67	19.93	19.64	19.80
		2501 (39700)	19.26	19.49	19.23	19.94
	25RB-High (25)	2685 (41540)	19.77	19.76	19.81	19.82
		2639(41080)	19.65	19.66	19.72	19.92
		2593 (40620)	19.79	19.79	19.84	19.82
		2547(40160)	19.72	19.71	19.78	19.93
		2501 (39700)	19.26	19.27	19.33	19.80
	25RB-Middle (12)	2685 (41540)	19.83	19.84	19.88	19.86
		2639(41080)	19.61	19.63	19.68	19.81
		2593 (40620)	19.84	19.86	19.90	19.84
		2547(40160)	19.68	19.70	19.76	19.79
		2501 (39700)	19.22	19.24	19.30	19.83
	25RB-Low (0)	2685 (41540)	19.90	19.89	19.94	19.91
		2639(41080)	19.62	19.61	19.68	19.79
		2593 (40620)	19.91	19.92	19.97	19.89
		2547(40160)	19.64	19.65	19.70	19.78
		2501 (39700)	19.23	19.23	19.29	19.83
	50RB (0)	2685 (41540)	19.84	19.87	19.85	19.94
		2639(41080)	19.61	19.64	19.62	19.89
		2593 (40620)	19.84	19.89	19.86	19.85
		2547(40160)	19.67	19.74	19.68	19.82
		2501 (39700)	19.23	19.27	19.24	19.92
15MHz	1RB-High (74)	2682.5	19.74	19.95	19.69	19.78
		2637.8(4106	19.68	19.89	19.62	19.85
		2593 (40620)	19.77	19.98	19.72	19.78
		2548.3(4017	19.80	19.83	19.77	19.90
		2503.5	19.27	19.50	19.23	19.94
	1RB-Middle (37)	2682.5	19.92	19.90	19.85	19.93
		2637.8(4106	19.66	19.87	19.60	19.93
		2593 (40620)	19.94	19.91	19.89	19.93
		2548.3(4017	19.74	19.99	19.69	19.90
		2503.5	19.27	19.49	19.22	19.86

	1RB-Low (0)	2682.5	19.83	19.94	19.97	19.79
		2637.8(4106	19.62	19.85	19.57	19.83
		2593 (40620)	19.96	19.88	19.91	19.87
		2548.3(4017	19.65	19.88	19.62	19.80
		2503.5	19.24	19.45	19.19	19.88
	36RB-High (38)	2682.5	19.77	19.74	19.76	19.84
		2637.8(4106	19.60	19.59	19.59	19.94
		2593 (40620)	19.76	19.74	19.76	19.94
		2548.3(4017	19.74	19.73	19.74	19.93
		2503.5	19.19	19.20	19.21	19.90
	36RB-Middle (19)	2682.5	19.84	19.83	19.84	19.78
		2637.8(4106	19.60	19.58	19.59	19.80
		2593 (40620)	19.83	19.82	19.83	19.94
		2548.3(4017	19.68	19.67	19.68	19.83
		2503.5	19.20	19.20	19.22	19.83
	36RB-Low (0)	2682.5	19.94	19.90	19.93	19.94
		2637.8(4106	19.55	19.54	19.57	19.93
		2593 (40620)	19.90	19.89	19.90	19.82
		2548.3(4017	19.65	19.63	19.65	19.88
		2503.5	19.17	19.17	19.18	19.82
	75RB (0)	2682.5	19.86	19.90	19.88	19.92
		2637.8(4106	19.60	19.64	19.65	19.91
		2593 (40620)	19.84	19.88	19.87	19.85
		2548.3(4017	19.69	19.74	19.73	19.82
		2503.5	19.22	19.26	19.26	19.85
20MHz	1RB-High (99)	2680 (41490)	19.80	19.91	19.73	19.93
		2636.5(4105	19.75	19.95	19.67	19.78
		2593 (40620)	19.77	20.00	19.71	19.91
		2549.5(4018	19.86	19.88	19.81	19.83
		2506 (39750)	19.33	19.56	19.28	19.83
	1RB-Middle (50)	2680 (41490)	19.81	19.84	19.97	19.91
		2636.5(4105	19.67	19.90	19.61	19.80
		2593 (40620)	19.95	19.96	19.87	19.89
		2549.5(4018	19.79	20.00	19.73	19.79
		2506 (39750)	19.31	19.50	19.22	19.89
	1RB-Low (0)	2680 (41490)	19.93	19.84	19.95	19.90
		2636.5(4105	19.66	19.89	19.60	19.88
		2593 (40620)	19.91	19.88	19.95	19.94
		2549.5(4018	19.68	19.91	19.60	19.92
		2506 (39750)	19.26	19.47	19.22	19.86
	50RB-High (50)	2680 (41490)	19.83	19.86	19.82	19.80
		2636.5(4105	19.70	19.71	19.68	19.93
		2593 (40620)	19.78	19.81	19.79	19.81
		2549.5(4018	19.83	19.85	19.81	19.78
		2506 (39750)	19.29	19.32	19.30	19.86
	50RB-Middle (25)	2680 (41490)	19.92	19.97	19.95	19.90
		2636.5(4105	19.65	19.67	19.65	19.83
		2593 (40620)	19.93	19.91	19.89	19.86

		2549.5(4018	19.75	19.77	19.75	19.85
		2506 (39750)	19.26	19.30	19.27	19.87
	50RB-Low (0)	2680 (41490)	19.87	19.89	19.87	19.91
		2636.5(4105	19.60	19.62	19.59	19.78
		2593 (40620)	19.89	19.99	19.98	19.82
		2549.5(4018	19.66	19.68	19.66	19.86
		2506 (39750)	19.23	19.26	19.22	19.84
	100RB (0)	2680 (41490)	19.87	19.96	19.94	19.80
		2636.5(4105	19.66	19.65	19.64	19.80
		2593 (40620)	19.94	19.90	19.87	19.89
		2549.5(4018	19.76	19.76	19.74	19.78
		2506 (39750)	19.27	19.26	19.27	19.90

LTE B41 PC2 ANT4 DSI2

Band 41 PC2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5	24.05	24.24	23.99	22.07
		2640.3(4109	24.20	24.34	24.11	22.08
		2593	24.48	24.66	24.42	22.08
		2545.8(4014	24.09	24.28	24.01	22.04
		2498.5	23.91	24.05	23.83	22.09
	1RB-Middle (12)	2687.5	24.19	24.31	24.08	22.10
		2640.3(4109	24.33	24.41	24.15	22.09
		2593	24.61	24.69	24.43	22.09
		2545.8(4014	24.17	24.27	24.05	22.05
		2498.5	23.97	24.07	23.85	22.06
	1RB-Low (0)	2687.5	24.10	24.26	24.02	22.04
		2640.3(4109	24.22	24.38	24.14	22.01
		2593	24.50	24.68	24.44	22.00
		2545.8(4014	24.04	24.23	23.99	22.04
		2498.5	23.85	24.02	23.79	22.09
	12RB-High (13)	2687.5	24.07	24.09	23.85	22.10
		2640.3(4109	24.21	24.22	23.76	22.06
		2593	24.46	24.49	23.94	22.09
		2545.8(4014	24.06	24.08	23.78	22.07
		2498.5	23.86	23.88	23.62	22.10
	12RB-Middle (6)	2687.5	24.07	24.08	23.90	22.09
		2640.3(4109	24.21	24.24	23.77	22.07
		2593	24.46	24.47	23.94	22.01
		2545.8(4014	24.05	24.08	23.74	22.09
		2498.5	23.89	23.89	23.63	22.08
	12RB-Low (0)	2687.5	24.12	24.14	23.95	22.01
		2640.3(4109	24.21	24.23	23.77	22.02

		2593	24.48	24.52	23.98	22.05
		2545.8(4014	24.05	24.08	23.75	22.01
		2498.5	23.83	23.86	23.62	22.02
	25RB (0)	2687.5	24.09	24.11	23.89	22.00
		2640.3(4109	24.24	24.25	23.77	22.08
		2593	24.49	24.49	23.95	22.06
		2545.8(4014	24.07	24.07	23.78	22.09
		2498.5	23.91	23.91	23.74	22.07
10MHz	1RB-High (49)	2685	24.07	24.28	24.02	22.04
		2639(41080)	24.25	24.37	24.12	22.10
		2593	24.45	24.62	24.35	22.02
		2547(40160)	24.18	24.34	24.06	22.06
		2501	23.94	24.11	23.85	22.02
	1RB-Middle (24)	2685	24.11	24.29	24.03	22.05
		2639(41080)	24.20	24.39	24.16	22.01
		2593	24.51	24.72	24.44	22.09
		2547(40160)	24.14	24.31	24.06	22.05
		2501	23.89	24.09	23.82	22.06
	1RB-Low (0)	2685	24.21	24.39	24.12	22.02
		2639(41080)	24.33	24.49	24.22	22.04
		2593	24.55	24.71	24.43	22.10
		2547(40160)	24.05	24.26	23.98	22.06
		2501	23.88	24.05	23.79	22.05
	25RB-High (25)	2685	24.07	24.06	23.87	22.07
		2639(41080)	24.21	24.22	23.76	22.10
		2593	24.40	24.43	23.88	22.03
		2547(40160)	24.12	24.11	23.81	22.06
		2501	23.91	23.93	23.74	22.09
	25RB-Middle (12)	2685	24.08	24.10	23.93	22.08
		2639(41080)	24.21	24.22	23.73	22.03
		2593	24.46	24.47	23.95	22.02
		2547(40160)	24.04	24.05	23.79	22.04
		2501	23.87	23.90	23.60	22.08
	25RB-Low (0)	2685	24.13	24.16	23.98	22.06
		2639(41080)	24.23	24.25	23.73	22.05
		2593	24.50	24.53	24.00	22.00
		2547(40160)	24.05	24.05	23.72	22.07
		2501	23.86	23.88	23.79	22.01
	50RB (0)	2685	24.10	24.14	23.91	22.06
		2639(41080)	24.22	24.25	23.69	22.10
		2593	24.45	24.50	23.89	22.08
		2547(40160)	24.06	24.10	23.73	22.01
		2501	23.88	23.93	23.76	22.03
15MHz	1RB-High (74)	2682.5	24.05	24.24	23.99	22.01
		2637.8(4106	24.21	24.36	24.10	22.10
		2593	24.43	24.60	24.34	22.06
		2548.3(4017	24.21	24.36	24.10	22.10
		2503.5	23.94	24.11	23.85	22.09

	1RB-Middle (37)	2682.5	24.12	24.32	24.06	22.06
		2637.8(4106	24.27	24.45	24.20	22.02
		2593	24.53	24.72	24.45	22.03
		2548.3(4017	24.14	24.34	24.05	22.08
		2503.5	23.92	24.09	23.83	22.09
	1RB-Low (0)	2682.5	24.21	24.39	24.15	22.00
		2637.8(4106	24.29	24.48	24.21	22.00
		2593	24.54	24.71	24.45	22.09
		2548.3(4017	24.03	24.23	23.98	22.04
		2503.5	23.85	24.03	23.77	22.00
	36RB-High (38)	2682.5	24.02	24.05	23.81	22.05
		2637.8(4106	24.16	24.18	23.66	22.04
		2593	24.37	24.38	23.80	22.01
		2548.3(4017	24.12	24.11	23.79	22.06
		2503.5	23.86	23.86	23.83	22.02
	36RB-Middle (19)	2682.5	24.05	24.05	23.90	22.03
		2637.8(4106	24.15	24.16	23.65	22.04
		2593	24.41	24.44	23.89	22.02
		2548.3(4017	24.04	24.06	23.72	22.05
		2503.5	23.80	23.83	23.72	22.06
	36RB-Low (0)	2682.5	24.14	24.15	23.98	22.03
		2637.8(4106	24.23	24.22	23.61	22.02
		2593	24.48	24.49	23.93	22.08
		2548.3(4017	24.03	24.02	23.67	22.03
		2503.5	23.82	23.80	23.78	22.07
	75RB (0)	2682.5	24.11	24.16	23.95	22.01
		2637.8(4106	24.22	24.26	23.70	22.06
		2593	24.45	24.51	23.90	22.08
		2548.3(4017	24.10	24.15	23.75	22.08
		2503.5	23.87	23.92	23.75	22.06
20MHz	1RB-High (99)	2680	24.08	24.25	24.00	22.01
		2636.5(4105	24.21	24.35	24.08	22.06
		2593	24.42	24.61	24.34	22.03
		2549.5(4018	24.27	24.41	24.13	22.01
		2506	23.97	24.15	23.89	22.07
	1RB-Middle (50)	2680	24.22	24.40	24.12	22.08
		2636.5(4105	24.35	24.48	24.23	22.03
		2593	24.59	24.73	24.48	22.02
		2549.5(4018	24.18	24.36	24.11	22.01
		2506	24.02	24.14	23.88	22.01
	1RB-Low (0)	2680	24.31	24.47	24.20	22.08
		2636.5(4105	24.35	24.53	24.29	22.09
		2593	24.58	24.70	24.45	22.05
		2549.5(4018	24.07	24.26	23.99	22.04
		2506	23.89	24.06	23.81	22.08
	50RB-High (50)	2680	24.09	24.12	23.90	22.04
		2636.5(4105	24.24	24.30	23.76	22.03
		2593	24.42	24.47	23.83	22.07

		2549.5(4018	24.23	24.25	23.87	22.09
		2506	23.99	24.02	23.83	22.03
	50RB-Middle (25)	2680	24.18	24.22	23.99	22.01
		2636.5(4105	24.27	24.28	23.73	22.05
		2593	24.58	24.54	23.94	22.07
		2549.5(4018	24.14	24.18	23.81	22.10
		2506	23.93	23.99	23.81	22.01
	50RB-Low (0)	2680	24.30	24.31	24.13	22.05
		2636.5(4105	24.28	24.32	23.66	22.03
		2593	24.56	24.59	24.01	22.05
		2549.5(4018	24.10	24.13	23.72	22.09
		2506	23.92	23.95	23.57	22.09
	100RB (0)	2680	24.20	24.23	23.98	22.00
		2636.5(4105	24.26	24.27	23.71	22.01
		2593	24.48	24.52	23.91	22.02
		2549.5(4018	24.15	24.18	23.79	22.07
		2506	23.94	23.97	23.63	22.10

LTE B41 PC2 ANT4 DSI3

Band 41 PC2						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5	23.44	23.62	23.38	22.06
		2640.3(4109	23.38	23.53	23.28	22.09
		2593	23.56	23.76	23.50	22.01
		2545.8(4014	23.38	23.58	23.33	22.06
		2498.5	22.94	23.14	22.90	22.14
	1RB-Middle (12)	2687.5	23.52	23.66	23.43	22.09
		2640.3(4109	23.41	23.56	23.28	22.00
		2593	23.66	23.77	23.52	22.11
		2545.8(4014	23.39	23.59	23.31	22.10
		2498.5	22.94	23.13	22.87	22.01
	1RB-Low (0)	2687.5	23.53	23.73	23.50	22.08
		2640.3(4109	23.36	23.52	23.27	22.13
		2593	23.60	23.79	23.56	22.14
		2545.8(4014	23.32	23.51	23.27	22.13
		2498.5	22.94	23.10	22.87	22.09
	12RB-High (13)	2687.5	23.45	23.48	23.51	22.03
		2640.3(4109	23.35	23.39	23.41	22.02
		2593	23.53	23.55	23.58	22.06
		2545.8(4014	23.35	23.40	23.41	22.07
		2498.5	22.91	22.95	22.97	22.06
	12RB-Middle (6)	2687.5	23.48	23.51	23.54	22.08
		2640.3(4109	23.34	23.37	23.40	22.05
		2593	23.54	23.56	23.59	22.11

		2545.8(4014	23.31	23.36	23.38	22.09
		2498.5	22.91	22.96	22.99	22.04
	12RB-Low (0)	2687.5	23.54	23.57	23.60	22.08
		2640.3(4109	23.35	23.39	23.41	22.11
		2593	23.56	23.58	23.62	22.02
		2545.8(4014	23.32	23.35	23.38	22.08
		2498.5	22.91	22.93	22.97	22.04
	25RB (0)	2687.5	23.51	23.52	23.55	22.14
		2640.3(4109	23.36	23.38	23.42	22.00
		2593	23.58	23.56	23.60	22.00
		2545.8(4014	23.36	23.38	23.42	22.01
		2498.5	22.93	22.96	23.00	22.15
10MHz	1RB-High (49)	2685	23.42	23.63	23.39	22.10
		2639(41080)	23.36	23.53	23.29	22.07
		2593	23.48	23.68	23.43	22.01
		2547(40160)	23.42	23.62	23.36	22.15
		2501	22.96	23.16	22.88	22.14
	1RB-Middle (24)	2685	23.53	23.72	23.45	22.07
		2639(41080)	23.34	23.55	23.29	22.14
		2593	23.58	23.77	23.51	22.12
		2547(40160)	23.32	23.54	23.28	22.02
		2501	22.92	23.11	22.85	22.09
	1RB-Low (0)	2685	23.63	23.81	23.57	22.04
		2639(41080)	23.35	23.54	23.29	22.10
		2593	23.64	23.83	23.58	22.15
		2547(40160)	23.34	23.54	23.28	22.00
		2501	22.93	23.14	22.85	22.09
	25RB-High (25)	2685	23.45	23.48	23.52	22.00
		2639(41080)	23.35	23.37	23.41	22.10
		2593	23.46	23.49	23.53	22.06
		2547(40160)	23.38	23.42	23.46	22.10
		2501	22.91	22.94	22.98	22.13
	25RB-Middle (12)	2685	23.51	23.55	23.59	22.03
		2639(41080)	23.29	23.34	23.38	22.05
		2593	23.54	23.55	23.60	22.05
		2547(40160)	23.35	23.36	23.43	22.15
		2501	22.89	22.93	22.97	22.12
	25RB-Low (0)	2685	23.57	23.60	23.64	22.13
		2639(41080)	23.32	23.33	23.39	22.05
		2593	23.57	23.61	23.65	22.06
		2547(40160)	23.32	23.34	23.39	22.03
		2501	22.88	22.91	22.96	22.09
	50RB (0)	2685	23.54	23.59	23.57	22.13
		2639(41080)	23.32	23.35	23.35	22.02
		2593	23.52	23.56	23.54	22.09
		2547(40160)	23.38	23.43	23.40	22.05
		2501	22.90	22.94	22.92	22.05
	1RB-High	2682.5	23.38	23.57	23.33	22.03

15MHz	(74)	2637.8(4106	23.31	23.49	23.25	22.02
		2593	23.41	23.62	23.37	22.10
		2548.3(4017	23.43	23.64	23.38	22.02
		2503.5	22.93	23.12	22.88	22.09
	1RB-Middle (37)	2682.5	23.54	23.72	23.51	22.02
		2637.8(4106	23.30	23.50	23.26	22.02
		2593	23.57	23.78	23.54	22.04
		2548.3(4017	23.39	23.58	23.33	22.02
		2503.5	22.94	23.11	22.85	22.02
	1RB-Low (0)	2682.5	23.65	23.85	23.63	22.02
		2637.8(4106	23.27	23.47	23.24	22.05
		2593	23.60	23.81	23.56	22.13
		2548.3(4017	23.28	23.52	23.24	22.06
		2503.5	22.87	23.08	22.83	22.12
	36RB-High (38)	2682.5	23.41	23.43	23.46	22.11
		2637.8(4106	23.26	23.27	23.30	22.09
		2593	23.41	23.41	23.44	22.00
		2548.3(4017	23.37	23.38	23.41	22.10
		2503.5	22.85	22.86	22.88	22.04
	36RB-Middle (19)	2682.5	23.47	23.49	23.54	22.13
		2637.8(4106	23.23	23.27	23.29	22.04
		2593	23.47	23.50	23.52	22.12
		2548.3(4017	23.32	23.33	23.35	22.12
		2503.5	22.85	22.86	22.89	22.04
	36RB-Low (0)	2682.5	23.57	23.59	23.62	22.14
		2637.8(4106	23.21	23.23	23.25	22.00
		2593	23.54	23.55	23.59	22.13
		2548.3(4017	23.28	23.29	23.32	22.10
		2503.5	22.82	22.82	22.84	22.06
	75RB (0)	2682.5	23.51	23.57	23.58	22.15
		2637.8(4106	23.27	23.32	23.35	22.15
		2593	23.50	23.54	23.56	22.00
		2548.3(4017	23.34	23.39	23.41	22.04
		2503.5	22.87	22.92	22.93	22.13
20MHz	1RB-High (99)	2680	23.33	23.55	23.32	22.02
		2636.5(4105	23.30	23.50	23.26	22.10
		2593	23.32	23.57	23.32	22.07
		2549.5(4018	23.43	23.64	23.38	22.09
		2506	22.91	23.13	22.88	22.12
	1RB-Middle (50)	2680	23.54	23.78	23.51	22.00
		2636.5(4105	23.31	23.46	23.19	22.07
		2593	23.59	23.72	23.47	22.03
		2549.5(4018	23.44	23.58	23.30	22.02
		2506	23.17	23.08	22.83	22.02
	1RB-Low (0)	2680	23.55	23.79	23.55	22.15
		2636.5(4105	23.20	23.44	23.21	22.09
		2593	23.57	23.78	23.54	22.04
		2549.5(4018	23.23	23.46	23.21	22.03

		2506	22.84	23.04	22.79	22.15
	50RB-High (50)	2680	23.36	23.45	23.48	22.13
		2636.5(4105	23.25	23.33	23.34	22.08
		2593	23.35	23.42	23.42	22.15
		2549.5(4018	23.41	23.44	23.44	22.12
		2506	22.88	22.91	22.91	22.00
	50RB-Middle (25)	2680	23.46	23.56	23.57	22.02
		2636.5(4105	23.29	23.30	23.29	22.13
		2593	23.65	23.52	23.54	22.08
		2549.5(4018	23.43	23.37	23.37	22.11
		2506	23.17	22.90	22.89	22.08
	50RB-Low (0)	2680	23.45	23.68	23.71	22.04
		2636.5(4105	23.16	23.25	23.26	22.12
		2593	23.53	23.59	23.61	22.11
		2549.5(4018	23.24	23.30	23.30	22.08
		2506	22.80	22.85	22.84	22.12
	100RB (0)	2680	23.49	23.55	23.57	22.08
		2636.5(4105	23.21	23.27	23.29	22.08
		2593	23.51	23.50	23.51	22.00
		2549.5(4018	23.32	23.37	23.36	22.06
		2506	22.83	22.87	22.87	22.13

LTE B66 ANT2 DSI1

Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	19.86	20.38	20.18	19.17
		1745	19.79	20.33	20.42	19.10
		1710.7	20.36	19.83	20.18	19.16
	1RB-Middle (3)	1779.3	20.06	19.72	20.28	19.18
		1745	20.10	19.91	19.94	19.16
		1710.7	20.26	20.18	19.77	19.18
	1RB-Low (0)	1779.3	19.73	19.77	20.37	19.01
		1745	20.50	20.00	20.11	19.23
		1710.7	19.80	19.72	20.49	19.00
	3RB-High (3)	1779.3	20.50	20.23	20.06	19.24
		1745	20.33	20.00	20.49	19.15
		1710.7	19.96	19.82	19.94	19.09
	3RB-Middle (1)	1779.3	19.95	20.09	19.77	19.11
		1745	20.40	20.01	20.45	19.06
		1710.7	19.72	19.99	19.72	19.19
	3RB-Low (0)	1779.3	19.94	20.07	19.98	19.10
		1745	20.47	19.71	19.81	19.25
		1710.7	20.24	20.23	19.91	19.00
	6RB (0)	1779.3	20.49	19.98	20.25	19.03
		1745	20.15	20.33	19.93	19.05
		1710.7	20.38	19.86	20.25	19.17
3MHz	1RB-High (14)	1778.5	20.43	20.05	20.42	19.29
		1745	19.75	19.84	19.77	19.30
		1711.5	20.05	20.36	20.25	19.23
	1RB-Middle (7)	1778.5	19.84	20.17	19.88	19.33
		1745	20.37	19.70	20.00	19.28
		1711.5	20.43	20.27	19.74	19.21
	1RB-Low (0)	1778.5	20.37	20.17	20.46	19.16
		1745	20.20	19.71	19.79	19.20
		1711.5	20.21	20.06	20.19	19.25
	8RB-High (7)	1778.5	19.77	20.08	19.79	19.13
		1745	20.35	20.37	19.95	19.34
		1711.5	20.42	20.12	20.25	19.34
	8RB-Middle (4)	1778.5	19.91	19.88	20.21	19.19
		1745	19.72	20.08	20.46	19.24
		1711.5	20.46	20.43	20.47	19.15
	8RB-Low (0)	1778.5	20.23	19.86	20.26	19.10
		1745	19.79	19.91	20.08	19.31
		1711.5	19.85	20.15	19.70	19.18
	15RB (0)	1778.5	20.47	20.12	19.84	19.19

		1745	20.21	20.08	20.45	19.32
		1711.5	20.27	20.45	20.25	19.24
5MHz	1RB-High (24)	1777.5	19.74	20.16	19.71	19.23
		1745	20.05	20.50	19.97	19.13
		1712.5	20.34	20.49	19.93	19.23
	1RB-Middle (12)	1777.5	20.14	19.88	20.49	19.15
		1745	20.38	19.70	19.81	19.16
		1712.5	19.84	20.43	20.07	19.19
	1RB-Low (0)	1777.5	20.02	20.19	19.89	19.11
		1745	20.04	19.92	19.72	19.31
		1712.5	20.30	20.49	19.88	19.26
	12RB-High (13)	1777.5	20.23	19.81	19.84	19.14
		1745	20.33	19.87	20.42	19.30
		1712.5	20.16	20.25	20.30	19.34
	12RB-Middle (6)	1777.5	20.11	20.26	19.79	19.34
		1745	19.95	20.38	19.70	19.30
		1712.5	20.14	19.86	20.25	19.11
	12RB-Low (0)	1777.5	19.98	20.27	20.34	19.29
		1745	20.05	19.80	20.11	19.32
		1712.5	19.76	20.06	20.36	19.25
	25RB (0)	1777.5	19.74	19.84	20.06	19.18
		1745	19.96	20.32	20.47	19.34
		1712.5	20.07	20.03	19.89	19.27
10MHz	1RB-High (49)	1775	19.77	20.38	20.19	19.24
		1745	19.86	19.91	19.98	19.16
		1715	20.11	20.34	20.05	19.26
	1RB-Middle (24)	1775	19.84	20.46	20.10	19.16
		1745	19.91	20.46	19.89	19.12
		1715	20.08	20.37	20.06	19.16
	1RB-Low (0)	1775	19.81	19.93	19.84	19.31
		1745	19.98	19.94	19.99	19.13
		1715	20.25	19.90	19.89	19.19
	25RB-High (25)	1775	20.12	20.49	20.31	19.20
		1745	20.40	19.76	20.45	19.30
		1715	20.19	20.21	20.16	19.16
	25RB-Middle (12)	1775	19.80	19.91	19.75	19.17
		1745	19.94	20.15	19.82	19.21
		1715	20.07	20.38	19.90	19.12
	25RB-Low (0)	1775	20.07	19.88	19.90	19.13
		1745	20.21	20.28	20.39	19.31
		1715	20.14	20.49	19.99	19.24
	50RB (0)	1775	20.27	20.43	19.91	19.26
		1745	19.94	19.81	20.01	19.26
		1715	20.38	20.05	19.85	19.12
15MHz	1RB-High (74)	1772.5	19.98	20.27	20.13	19.20
		1745	19.89	20.18	20.05	19.19
		1717.5	19.73	19.94	19.89	19.11
	1RB-Middle	1772.5	19.97	20.29	20.14	19.22

	(37)	1745	19.84	20.10	19.88	19.29
		1717.5 (132047)	19.78	20.06	19.91	19.29
	1RB-Low (0)	1772.5	20.04	20.41	20.14	19.18
		1745	19.77	20.17	20.04	19.14
		1717.5 (132047)	19.88	20.26	20.03	19.27
	36RB-High (38)	1772.5	19.95	19.95	19.98	19.27
		1745	19.83	19.80	19.84	19.19
		1717.5	19.81	19.80	19.86	19.27
	36RB-Middle (19)	1772.5	19.92	19.93	19.94	19.18
		1745	19.76	19.78	19.80	19.30
		1717.5	19.75	19.80	19.82	19.16
	36RB-Low (0)	1772.5	19.99	19.98	20.02	19.18
		1745	19.81	19.81	19.84	19.20
		1717.5	19.81	19.86	19.87	19.33
	75RB (0)	1772.5	19.98	20.02	19.97	19.18
		1745	19.79	19.82	19.83	19.27
		1717.5	19.83	19.83	19.85	19.22
20MHz	1RB-High (99)	1770	20.04	20.27	20.26	19.24
		1745	19.90	20.19	20.15	19.19
		1720	19.78	20.06	19.98	19.10
	1RB-Middle (50)	1770	20.00	20.16	20.18	19.14
		1745	20.06	20.14	19.93	19.31
		1720	19.76	19.95	19.99	19.13
	1RB-Low (0)	1770	20.01	20.30	20.12	19.22
		1745	19.80	20.16	19.95	19.33
		1720	19.84	20.23	20.10	19.31
	50RB-High (50)	1770	19.96	19.95	19.94	19.35
		1745	19.85	19.82	19.85	19.28
		1720	19.80	19.82	19.81	19.17
	50RB-Middle (25)	1770	19.97	19.97	19.97	19.20
		1745	20.12	19.83	19.84	19.14
		1720	19.82	19.84	19.83	19.25
	50RB-Low (0)	1770	20.02	19.99	19.97	19.32
		1745	19.90	19.85	19.85	19.34
		1720	19.87	19.83	19.85	19.32
	100RB (0)	1770	19.98	19.96	19.96	19.24
		1745	20.07	19.85	19.83	19.16
		1720	19.82	19.81	19.82	19.32

LTE B66 ANT2 DSI2

Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	23.01	23.19	22.25	19.04
		1745	22.97	23.23	22.15	19.00
		1710.7	22.94	23.16	22.11	19.05
	1RB-Middle (3)	1779.3	23.06	23.20	22.15	19.20
		1745	22.98	23.30	22.04	19.14
		1710.7	22.87	23.18	22.08	19.03
	1RB-Low (0)	1779.3	23.00	23.16	22.12	19.03
		1745	22.95	23.24	22.22	19.13
		1710.7	22.94	23.25	22.11	19.14
	3RB-High (3)	1779.3	23.05	23.00	22.04	19.15
		1745	22.98	22.98	22.12	19.19
		1710.7	22.99	22.95	22.07	19.09
	3RB-Middle (1)	1779.3	22.99	22.90	22.11	19.15
		1745	22.97	22.94	22.06	19.04
		1710.7	23.00	22.94	21.99	19.09
	3RB-Low (0)	1779.3	23.01	23.06	22.06	19.20
		1745	22.98	22.97	22.07	19.09
		1710.7	22.95	22.94	22.03	19.06
	6RB (0)	1779.3	23.00	22.07	20.94	19.16
		1745	22.94	22.06	20.93	19.04
		1710.7	22.97	22.02	20.90	19.15
3MHz	1RB-High (14)	1778.5	22.99	23.23	22.19	19.05
		1745	22.99	23.25	22.13	19.15
		1711.5	22.90	23.19	22.13	19.14
	1RB-Middle (7)	1778.5	23.08	23.18	22.22	19.18
		1745	23.00	23.28	22.19	19.23
		1711.5	22.91	23.22	22.22	19.25
	1RB-Low (0)	1778.5	23.02	23.22	22.12	19.07
		1745	23.06	23.23	22.15	19.17
		1711.5	22.91	23.19	22.01	19.19
	8RB-High (7)	1778.5	23.04	22.10	21.10	19.15
		1745	22.96	22.04	20.98	19.23
		1711.5	22.97	22.07	21.04	19.12
	8RB-Middle (4)	1778.5	23.01	22.04	21.08	19.19
		1745	22.95	22.04	21.01	19.21
		1711.5	22.92	21.95	20.88	19.00
	8RB-Low (0)	1778.5	23.05	22.09	21.07	19.25
		1745	22.99	22.05	21.03	19.23
		1711.5	22.98	22.02	21.04	19.15
	15RB (0)	1778.5	23.04	22.03	20.98	19.05

		1745	22.96	22.04	20.91	19.09
		1711.5	22.93	21.95	20.91	19.03
5MHz	1RB-High (24)	1777.5	23.07	23.36	22.27	19.13
		1745	23.00	23.30	22.15	19.17
		1712.5	22.96	23.29	22.21	19.15
	1RB-Middle (12)	1777.5	23.07	23.38	22.22	19.12
		1745	23.05	23.18	22.21	19.13
		1712.5	23.00	23.43	22.15	19.20
	1RB-Low (0)	1777.5	23.06	23.23	22.20	19.06
		1745	23.00	23.35	22.20	19.16
		1712.5	22.94	23.19	22.18	19.17
	12RB-High (13)	1777.5	23.08	22.10	21.14	19.13
		1745	23.02	22.04	21.03	19.04
		1712.5	23.00	22.02	21.05	19.19
	12RB-Middle (6)	1777.5	23.07	22.05	21.11	19.15
		1745	23.02	22.05	21.10	19.00
		1712.5	23.01	22.01	20.99	19.20
	12RB-Low (0)	1777.5	23.11	22.07	21.12	19.10
		1745	23.02	22.09	21.04	19.00
		1712.5	23.01	22.04	21.08	19.05
	25RB (0)	1777.5	23.09	22.13	21.09	19.14
		1745	23.08	22.05	21.01	19.11
		1712.5	23.05	22.04	21.01	19.02
10MHz	1RB-High (49)	1775	23.26	23.37	22.29	19.07
		1745	23.09	23.36	22.25	19.11
		1715	23.03	23.24	22.18	19.20
	1RB-Middle (24)	1775	22.99	23.33	22.13	19.06
		1745	23.02	23.15	22.20	19.20
		1715	23.07	23.18	22.17	19.13
	1RB-Low (0)	1775	23.14	23.26	22.23	19.13
		1745	23.08	23.29	22.26	19.05
		1715	22.99	23.30	22.26	19.01
	25RB-High (25)	1775	23.08	22.10	21.07	19.07
		1745	23.02	22.02	21.00	19.23
		1715	23.04	22.01	21.01	19.12
	25RB-Middle (12)	1775	23.07	22.06	21.02	19.15
		1745	23.02	22.01	20.97	19.17
		1715	22.95	21.94	20.93	19.08
	25RB-Low (0)	1775	23.14	22.11	21.09	19.24
		1745	23.04	22.04	21.04	19.14
		1715	23.02	22.03	20.99	19.14
	50RB (0)	1775	23.10	22.11	21.11	19.15
		1745	23.02	22.03	20.99	19.08
		1715	23.02	22.03	21.00	19.10
15MHz	1RB-High (74)	1772.5	23.07	23.32	22.22	19.15
		1745	23.08	23.35	22.19	19.12
		1717.5	22.92	23.21	22.12	19.18
	1RB-Middle	1772.5	23.08	23.33	22.28	19.11

	(37)	1745	23.01	23.24	22.25	19.19
		1717.5 (132047)	22.98	23.35	22.10	19.03
	1RB-Low (0)	1772.5	23.09	23.45	22.36	19.01
		1745	23.02	23.16	22.16	19.01
		1717.5 (132047)	23.00	23.36	22.20	19.18
	36RB-High (38)	1772.5	23.06	22.04	21.03	19.05
		1745	22.99	22.00	21.01	19.03
		1717.5	22.96	22.00	21.02	19.00
	36RB-Middle (19)	1772.5	23.04	22.03	21.06	19.10
		1745	22.98	22.01	21.01	19.23
		1717.5	22.97	21.97	20.98	19.08
	36RB-Low (0)	1772.5	23.11	22.12	21.13	19.19
		1745	23.01	22.02	21.04	19.17
		1717.5	22.96	21.98	20.98	19.14
	75RB (0)	1772.5	23.09	22.12	21.10	19.00
		1745	23.00	22.03	21.00	19.15
		1717.5	23.00	22.01	21.04	19.06
20MHz	1RB-High (99)	1770	23.09	23.38	22.26	19.25
		1745	23.12	23.34	22.24	19.24
		1720	22.99	23.18	22.25	19.14
	1RB-Middle (50)	1770	23.11	23.34	22.32	19.20
		1745	23.32	23.32	22.18	19.23
		1720	23.00	23.22	22.14	19.16
	1RB-Low (0)	1770	23.21	23.33	22.19	19.00
		1745	23.04	23.28	22.09	19.17
		1720	23.05	23.36	22.21	19.14
	50RB-High (50)	1770	23.08	22.07	21.05	19.19
		1745	23.05	22.07	21.00	19.00
		1720	23.02	22.02	21.01	19.22
	50RB-Middle (25)	1770	23.13	22.10	21.10	19.01
		1745	23.25	22.06	21.01	19.07
		1720	23.04	22.00	20.99	19.18
	50RB-Low (0)	1770	23.14	22.15	21.14	19.13
		1745	23.08	22.10	21.09	19.03
		1720	23.05	22.01	21.01	19.03
	100RB (0)	1770	23.09	22.08	21.09	19.10
		1745	23.17	22.06	21.05	19.06
		1720	23.00	22.00	20.99	19.12

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Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	22.02	22.23	22.16	19.05
		1745	21.96	22.23	22.03	18.98
		1710.7	21.89	22.13	22.11	18.96
	1RB-Middle (3)	1779.3	22.02	22.31	22.10	19.10
		1745	21.97	22.20	22.17	19.13
		1710.7	21.89	22.15	21.96	18.99
	1RB-Low (0)	1779.3	22.00	22.35	22.24	18.97
		1745	21.96	22.34	22.24	19.14
		1710.7	21.91	22.22	22.07	19.08
	3RB-High (3)	1779.3	22.02	21.89	22.13	18.94
		1745	22.00	21.97	22.08	19.02
		1710.7	21.92	21.99	22.06	19.11
	3RB-Middle (1)	1779.3	22.05	22.02	21.99	18.83
		1745	21.94	22.00	22.03	19.10
		1710.7	21.92	21.91	21.95	18.85
	3RB-Low (0)	1779.3	21.97	21.97	22.11	19.13
		1745	21.98	21.87	22.02	19.12
		1710.7	21.93	21.96	22.04	19.13
	6RB (0)	1779.3	22.01	22.07	21.01	19.20
		1745	21.96	22.00	20.94	18.83
		1710.7	21.90	22.05	20.89	18.93
3MHz	1RB-High (14)	1778.5	22.02	22.27	22.14	19.15
		1745	21.94	22.23	22.08	19.21
		1711.5	21.87	22.20	22.03	19.23
	1RB-Middle (7)	1778.5	21.99	22.28	22.18	19.08
		1745	22.03	22.32	22.19	19.18
		1711.5	21.94	22.26	22.19	19.14
	1RB-Low (0)	1778.5	21.97	22.38	22.25	19.10
		1745	21.91	22.31	22.09	19.05
		1711.5	21.89	22.28	22.10	19.18
	8RB-High (7)	1778.5	21.98	22.11	21.04	19.14
		1745	21.97	22.00	21.02	19.30
		1711.5	21.96	22.02	20.97	19.22
	8RB-Middle (4)	1778.5	22.01	22.09	21.07	19.22
		1745	21.95	22.02	21.03	19.22
		1711.5	21.90	21.99	20.93	19.31
	8RB-Low (0)	1778.5	22.01	22.09	21.08	19.04
		1745	21.96	22.03	20.99	19.23
		1711.5	21.95	22.02	20.96	19.18
	15RB (0)	1778.5	22.04	21.99	21.02	19.04

		1745	21.97	21.98	20.98	19.30
		1711.5	21.93	21.95	20.90	19.21
5MHz	1RB-High (24)	1777.5	22.07	22.29	22.21	19.01
		1745	22.01	22.29	22.20	19.10
		1712.5	21.95	22.32	22.18	19.09
	1RB-Middle (12)	1777.5	22.10	22.32	22.15	19.04
		1745	21.97	22.36	22.30	19.07
		1712.5	21.99	22.29	22.18	19.04
	1RB-Low (0)	1777.5	22.03	22.25	22.22	19.11
		1745	21.96	22.36	22.14	19.34
		1712.5	21.93	22.16	22.12	19.24
	12RB-High (13)	1777.5	22.08	22.07	21.14	19.07
		1745	21.98	22.02	21.01	19.09
		1712.5	22.02	22.01	21.02	19.17
	12RB-Middle (6)	1777.5	22.05	22.08	21.11	19.24
		1745	21.98	22.00	21.04	19.16
		1712.5	21.99	22.01	21.04	19.25
	12RB-Low (0)	1777.5	22.07	22.13	21.09	19.00
		1745	22.04	22.03	21.05	19.14
		1712.5	21.96	22.02	21.03	19.29
	25RB (0)	1777.5	22.11	22.13	21.04	19.31
		1745	22.06	22.04	21.01	19.24
		1712.5	22.04	22.02	21.00	19.12
10MHz	1RB-High (49)	1775	22.12	22.44	22.21	19.17
		1745	22.04	22.40	22.18	19.04
		1715	21.99	22.27	22.11	19.10
	1RB-Middle (24)	1775	22.06	22.32	22.13	19.29
		1745	22.02	22.22	22.09	19.30
		1715	21.95	22.08	22.13	19.27
	1RB-Low (0)	1775	22.10	22.45	22.22	19.31
		1745	22.03	22.27	22.16	19.29
		1715	21.99	22.22	22.09	19.04
	25RB-High (25)	1775	22.07	22.10	21.06	19.25
		1745	21.98	22.02	20.98	19.11
		1715	22.02	22.01	20.99	19.05
	25RB-Middle (12)	1775	22.04	22.03	20.99	19.23
		1745	21.98	21.98	20.97	19.07
		1715	21.96	21.95	20.93	19.24
	25RB-Low (0)	1775	22.13	22.10	21.12	19.14
		1745	22.04	22.06	21.01	19.17
		1715	22.00	22.01	21.02	19.29
	50RB (0)	1775	22.09	22.11	21.08	19.26
		1745	22.01	22.05	21.01	19.32
		1715	21.99	22.03	21.00	19.16
15MHz	1RB-High (74)	1772.5	22.02	22.31	22.20	19.02
		1745	22.06	22.38	22.20	19.04
		1717.5	21.98	22.07	22.06	19.29
	1RB-Middle	1772.5	22.03	22.34	22.15	19.24

	(37)	1745	22.01	22.34	22.13	19.06
		1717.5 (132047)	21.93	22.32	22.15	19.27
	1RB-Low (0)	1772.5	22.11	22.32	22.28	19.17
		1745	21.99	22.20	22.19	19.06
		1717.5 (132047)	21.96	22.37	22.16	19.26
	36RB-High (38)	1772.5	22.01	22.01	21.03	19.27
		1745	21.96	21.95	21.00	19.19
		1717.5	21.94	21.99	20.99	19.04
	36RB-Middle (19)	1772.5	22.00	22.04	21.03	19.19
		1745	21.94	21.99	21.00	19.03
		1717.5	21.93	21.96	20.96	19.01
	36RB-Low (0)	1772.5	22.10	22.10	21.13	19.02
		1745	21.98	22.02	21.03	19.33
		1717.5	21.93	21.95	21.00	19.20
	75RB (0)	1772.5	22.07	22.11	21.08	19.02
		1745	22.02	22.02	21.02	19.02
		1717.5	21.98	21.99	20.98	19.14
20MHz	1RB-High (99)	1770	22.08	22.34	22.19	19.31
		1745	22.11	22.33	22.24	19.33
		1720	21.98	22.22	22.11	19.26
	1RB-Middle (50)	1770	22.10	22.38	22.36	19.32
		1745	22.19	22.28	22.21	19.25
		1720	21.92	22.22	22.15	19.15
	1RB-Low (0)	1770	22.16	22.37	22.19	19.32
		1745	22.04	22.33	22.11	19.19
		1720	21.98	22.30	22.20	19.23
	50RB-High (50)	1770	22.05	22.05	21.00	19.23
		1745	22.04	22.03	21.00	19.10
		1720	22.03	21.99	21.00	19.08
	50RB-Middle (25)	1770	22.08	22.09	21.05	19.34
		1745	22.12	22.04	21.01	19.07
		1720	22.01	22.00	20.97	19.15
	50RB-Low (0)	1770	22.08	22.15	21.13	19.23
		1745	22.07	22.09	21.04	19.12
		1720	21.99	22.02	20.99	19.31
	100RB (0)	1770	22.07	22.07	21.03	19.18
		1745	22.09	22.07	21.04	19.08
		1720	22.00	21.98	20.98	19.23

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Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	17.80	17.98	18.01	17.92
		1745	17.89	18.11	17.96	17.82
		1710.7	17.92	17.96	18.00	17.88
	1RB-Middle (3)	1779.3	17.91	17.83	17.96	17.82
		1745	17.86	17.91	17.95	17.93
		1710.7	17.95	18.10	17.91	17.81
	1RB-Low (0)	1779.3	17.79	18.07	18.07	17.95
		1745	17.95	17.87	18.02	17.83
		1710.7	17.80	17.82	18.01	17.98
	3RB-High (3)	1779.3	17.95	17.84	17.80	17.85
		1745	17.93	17.84	17.96	17.80
		1710.7	17.82	18.06	17.95	17.96
	3RB-Middle (1)	1779.3	17.97	17.94	17.79	17.85
		1745	17.95	17.87	17.98	17.82
		1710.7	17.78	18.09	17.79	17.80
	3RB-Low (0)	1779.3	17.95	17.92	17.84	17.85
		1745	17.95	18.00	17.84	17.84
		1710.7	17.87	17.87	17.79	17.96
	6RB (0)	1779.3	17.96	17.95	18.03	17.84
		1745	17.93	17.82	17.84	17.83
		1710.7	17.96	17.79	17.88	17.94
3MHz	1RB-High (14)	1778.5	17.90	18.17	18.00	18.07
		1745	17.95	17.79	17.80	18.03
		1711.5	17.90	17.92	17.83	17.90
	1RB-Middle (7)	1778.5	17.80	18.10	17.80	17.98
		1745	17.79	18.14	17.81	18.11
		1711.5	17.95	18.10	17.86	18.00
	1RB-Low (0)	1778.5	17.96	17.85	18.03	18.01
		1745	17.92	18.10	17.80	17.90
		1711.5	17.80	18.00	17.90	18.01
	8RB-High (7)	1778.5	17.84	18.01	18.04	17.98
		1745	17.96	18.16	17.84	17.87
		1711.5	17.87	18.11	18.00	18.09
	8RB-Middle (4)	1778.5	17.82	17.94	17.83	18.02
		1745	17.86	17.78	18.01	18.12
		1711.5	17.92	18.02	17.81	18.05
	8RB-Low (0)	1778.5	17.78	17.93	17.80	17.87
		1745	17.79	17.99	17.89	18.01
		1711.5	17.92	17.95	18.00	18.04
	15RB (0)	1778.5	17.95	18.15	18.03	18.13

		1745	17.89	17.93	17.82	17.89
		1711.5	17.87	17.97	17.90	17.93
5MHz	1RB-High (24)	1777.5	17.80	18.05	17.98	18.07
		1745	17.85	18.11	18.04	17.87
		1712.5	17.96	17.88	17.87	17.96
	1RB-Middle (12)	1777.5	17.96	18.16	17.80	17.96
		1745	17.90	18.05	17.84	18.13
		1712.5	17.92	18.17	18.07	18.11
	1RB-Low (0)	1777.5	17.96	17.84	17.85	17.95
		1745	17.80	18.03	17.82	17.89
		1712.5	17.80	18.00	17.92	17.94
	12RB-High (13)	1777.5	17.79	17.97	17.93	18.04
		1745	17.83	17.81	17.97	18.01
		1712.5	17.85	18.09	17.90	17.91
	12RB-Middle (6)	1777.5	17.88	17.95	17.87	18.01
		1745	17.92	17.87	18.04	18.03
		1712.5	17.92	17.94	18.00	18.01
	12RB-Low (0)	1777.5	17.94	17.86	18.07	17.95
		1745	17.88	17.81	17.80	17.91
		1712.5	17.94	17.81	17.95	18.04
	25RB (0)	1777.5	17.81	18.00	18.07	18.13
		1745	17.80	17.96	18.00	18.11
		1712.5	17.89	17.79	17.98	17.97
10MHz	1RB-High (49)	1775	17.95	18.04	17.99	17.87
		1745	17.88	17.82	17.94	18.07
		1715	17.88	17.84	17.94	17.89
	1RB-Middle (24)	1775	17.92	17.95	18.01	18.11
		1745	17.89	18.12	17.90	17.87
		1715	17.96	17.95	17.87	18.04
	1RB-Low (0)	1775	17.78	17.92	17.89	17.94
		1745	17.79	17.82	17.82	18.03
		1715	17.88	17.82	18.04	17.92
	25RB-High (25)	1775	17.91	18.08	18.01	18.00
		1745	17.94	17.93	17.94	18.09
		1715	17.96	18.07	17.95	18.07
	25RB-Middle (12)	1775	17.81	17.93	17.83	18.13
		1745	17.88	17.96	17.99	18.06
		1715	17.80	18.07	17.86	18.13
	25RB-Low (0)	1775	17.87	18.09	17.94	17.88
		1745	17.90	18.03	18.03	18.03
		1715	17.81	18.03	17.83	18.11
	50RB (0)	1775	17.85	17.88	17.87	17.87
		1745	17.93	17.85	17.82	17.93
		1715	17.88	17.93	18.02	17.91
15MHz	1RB-High (74)	1772.5	17.79	18.08	17.98	18.01
		1745	17.93	17.81	18.03	18.04
		1717.5	17.89	17.83	17.85	17.96
	1RB-Middle	1772.5	17.93	18.15	18.06	17.99

	(37)	1745	17.86	17.98	17.91	17.92
		1717.5 (132047)	17.91	18.11	17.96	18.09
	1RB-Low (0)	1772.5	17.81	17.78	17.87	18.05
		1745	17.97	17.85	18.05	18.04
		1717.5 (132047)	17.81	17.99	17.92	18.03
	36RB-High (38)	1772.5	17.82	18.01	17.88	18.08
		1745	17.88	18.01	18.07	18.12
		1717.5	17.83	18.17	17.83	17.89
	36RB-Middle (19)	1772.5	17.87	17.84	17.84	17.88
		1745	17.82	18.11	17.78	17.89
		1717.5	17.79	17.80	17.97	17.92
	36RB-Low (0)	1772.5	17.78	17.87	17.79	17.99
		1745	17.81	17.78	17.93	18.13
		1717.5	17.89	17.89	17.92	18.02
	75RB (0)	1772.5	17.96	18.05	18.01	17.89
		1745	17.93	17.88	17.97	18.11
		1717.5	17.93	17.80	17.94	17.96
20MHz	1RB-High (99)	1770	17.94	18.27	18.11	17.94
		1745	17.93	18.30	18.11	18.00
		1720	17.83	18.07	17.98	17.96
	1RB-Middle (50)	1770	17.95	18.12	18.05	18.06
		1745	17.97	18.23	18.04	18.06
		1720	17.85	18.04	18.04	18.12
	1RB-Low (0)	1770	17.87	18.23	18.01	17.94
		1745	17.88	18.33	18.04	17.95
		1720	17.77	18.00	17.99	18.13
	50RB-High (50)	1770	17.87	17.91	17.89	18.12
		1745	17.87	17.88	17.83	17.87
		1720	17.86	17.83	17.85	17.90
	50RB-Middle (25)	1770	17.92	17.91	17.93	17.99
		1745	17.93	17.90	17.89	17.91
		1720	17.83	17.81	17.86	18.06
	50RB-Low (0)	1770	17.87	17.87	17.87	17.88
		1745	17.92	17.92	17.91	18.11
		1720	17.82	17.82	17.81	18.04
	100RB (0)	1770	17.90	17.85	17.87	17.95
		1745	17.91	17.90	17.88	17.91
		1720	17.84	17.84	17.85	18.06

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Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	20.79	21.01	21.03	19.14
		1745	20.81	20.96	20.91	19.11
		1710.7	20.88	20.83	20.99	19.13
	1RB-Middle (3)	1779.3	20.77	21.11	20.91	19.10
		1745	20.95	20.84	20.99	19.11
		1710.7	20.83	20.88	20.93	19.32
	1RB-Low (0)	1779.3	20.82	20.79	20.94	19.21
		1745	20.93	21.10	20.90	19.11
		1710.7	20.83	21.09	21.00	19.11
	3RB-High (3)	1779.3	20.78	20.97	20.84	19.32
		1745	20.77	20.88	20.83	19.13
		1710.7	20.89	21.00	21.04	19.21
	3RB-Middle (1)	1779.3	20.76	21.11	20.95	19.13
		1745	20.86	20.81	20.98	19.14
		1710.7	20.88	20.91	21.01	19.30
	3RB-Low (0)	1779.3	20.86	20.92	20.96	19.32
		1745	20.85	20.91	20.90	19.28
		1710.7	20.80	20.97	20.84	19.10
	6RB (0)	1779.3	20.79	20.90	20.77	19.22
		1745	20.80	21.11	20.82	19.13
		1710.7	20.84	20.76	20.87	19.26
3MHz	1RB-High (14)	1778.5	20.84	21.10	20.98	19.31
		1745	20.89	21.03	20.79	19.14
		1711.5	20.76	20.77	20.81	19.13
	1RB-Middle (7)	1778.5	20.93	20.96	20.98	19.10
		1745	20.90	20.92	20.97	19.13
		1711.5	20.80	20.98	20.83	19.09
	1RB-Low (0)	1778.5	20.79	20.88	21.01	19.23
		1745	20.77	21.05	21.01	19.32
		1711.5	20.89	20.92	20.95	19.22
	8RB-High (7)	1778.5	20.87	21.03	20.81	19.31
		1745	20.95	20.98	20.76	19.29
		1711.5	20.78	20.86	21.04	19.14
	8RB-Middle (4)	1778.5	20.78	21.11	20.91	19.12
		1745	20.83	20.82	20.97	19.08
		1711.5	20.95	20.94	20.97	19.10
	8RB-Low (0)	1778.5	20.78	20.85	21.05	19.08
		1745	20.85	21.15	20.98	19.08
		1711.5	20.87	20.96	20.93	19.21
	15RB (0)	1778.5	20.92	21.01	20.91	19.10

		1745	20.87	20.85	20.93	19.31
		1711.5	20.83	21.13	20.92	19.13
5MHz	1RB-High (24)	1777.5	20.79	20.96	21.01	19.10
		1745	20.86	21.11	21.03	19.21
		1712.5	20.90	21.05	20.84	19.19
	1RB-Middle (12)	1777.5	20.90	20.84	20.89	19.10
		1745	20.93	20.95	20.85	19.09
		1712.5	20.85	21.14	20.93	19.24
	1RB-Low (0)	1777.5	20.80	20.76	20.86	19.31
		1745	20.89	20.81	20.84	19.30
		1712.5	20.76	21.09	20.99	19.18
	12RB-High (13)	1777.5	20.87	20.89	20.78	19.15
		1745	20.81	21.14	21.00	19.14
		1712.5	20.76	21.14	20.93	19.20
	12RB-Middle (6)	1777.5	20.94	20.77	20.77	19.10
		1745	20.78	20.92	20.83	19.30
		1712.5	20.78	21.07	21.00	19.32
	12RB-Low (0)	1777.5	20.84	20.86	20.88	19.17
		1745	20.81	21.12	21.05	19.32
		1712.5	20.82	21.11	20.93	19.10
	25RB (0)	1777.5	20.84	20.85	21.01	19.16
		1745	20.83	20.95	21.04	19.09
		1712.5	20.87	20.76	20.82	19.27
10MHz	1RB-High (49)	1775	20.86	20.76	20.85	19.23
		1745	20.76	20.80	20.81	19.15
		1715	20.89	20.77	21.05	19.23
	1RB-Middle (24)	1775	20.85	20.76	20.85	19.24
		1745	20.87	20.83	20.82	19.32
		1715	20.90	21.01	20.96	19.11
	1RB-Low (0)	1775	20.95	20.92	20.81	19.22
		1745	20.94	20.90	20.82	19.10
		1715	20.94	20.95	21.04	19.25
	25RB-High (25)	1775	20.78	21.04	20.91	19.08
		1745	20.90	20.87	20.93	19.31
		1715	20.87	21.03	20.81	19.10
	25RB-Middle (12)	1775	20.94	20.82	21.00	19.12
		1745	20.92	20.86	21.02	19.16
		1715	20.88	21.02	21.03	19.12
	25RB-Low (0)	1775	20.80	20.77	20.84	19.16
		1745	20.84	20.99	20.88	19.32
		1715	20.90	21.13	20.95	19.32
	50RB (0)	1775	20.93	21.09	20.84	19.09
		1745	20.79	20.97	21.01	19.32
		1715	20.77	21.08	20.80	19.12
15MHz	1RB-High (74)	1772.5	20.76	20.99	20.89	19.13
		1745	20.78	20.77	21.04	19.20
		1717.5	20.83	21.06	20.84	19.16
	1RB-Middle	1772.5	20.87	20.94	21.03	19.26

	(37)	1745	20.88	21.12	20.89	19.23
		1717.5 (132047)	20.81	20.81	20.91	19.26
	1RB-Low (0)	1772.5	20.77	21.03	21.01	19.21
		1745	20.86	20.80	20.83	19.16
		1717.5 (132047)	20.89	20.92	20.94	19.15
	36RB-High (38)	1772.5	20.94	21.07	21.03	19.27
		1745	20.86	20.92	20.95	19.26
		1717.5	20.85	20.97	20.78	19.24
	36RB-Middle (19)	1772.5	20.87	21.00	20.97	19.31
		1745	20.76	20.77	20.95	19.19
		1717.5	20.83	21.10	20.90	19.22
	36RB-Low (0)	1772.5	20.93	20.95	20.98	19.20
		1745	20.92	20.93	20.89	19.21
		1717.5	20.76	21.08	20.96	19.15
	75RB (0)	1772.5	20.87	21.14	20.93	19.22
		1745	20.80	21.12	21.03	19.08
		1717.5	20.92	21.03	20.84	19.10
20MHz	1RB-High (99)	1770	20.85	21.12	21.08	19.13
		1745	20.88	21.19	21.02	19.27
		1720	20.70	20.97	20.89	19.18
	1RB-Middle (50)	1770	20.88	21.26	21.10	19.19
		1745	20.89	21.12	21.04	19.26
		1720	20.79	21.19	20.96	19.26
	1RB-Low (0)	1770	20.86	21.18	20.99	19.25
		1745	20.79	21.18	20.97	19.15
		1720	20.75	21.04	21.03	19.24
	50RB-High (50)	1770	20.87	20.88	20.83	19.28
		1745	20.83	20.82	20.84	19.16
		1720	20.81	20.79	20.83	19.16
	50RB-Middle (25)	1770	20.95	20.95	20.94	19.32
		1745	20.96	20.85	20.86	19.15
		1720	20.83	20.84	20.81	19.21
	50RB-Low (0)	1770	20.92	20.91	20.91	19.17
		1745	20.87	20.84	20.84	19.21
		1720	20.83	20.81	20.82	19.22
	100RB (0)	1770	20.90	20.87	20.88	19.13
		1745	20.92	20.84	20.84	19.21
		1720	20.79	20.78	20.82	19.20

LTE B66 ENDC ANT1 DSI1

Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	23.90	22.98	21.91	18.01
		1745	23.63	22.80	21.76	18.11
		1710.7	23.51	22.66	21.54	18.15
	1RB-Middle (3)	1779.3	23.82	23.04	21.92	17.91
		1745	23.63	22.77	21.67	17.98
		1710.7	23.54	22.71	21.63	17.98
	1RB-Low (0)	1779.3	23.82	22.94	21.97	17.94
		1745	23.62	22.83	21.68	18.08
		1710.7	23.45	22.64	21.53	18.12
	3RB-High (3)	1779.3	23.79	23.01	21.84	18.10
		1745	23.65	22.87	21.67	18.14
		1710.7	23.47	22.71	21.55	17.97
	3RB-Middle (1)	1779.3	23.87	23.01	21.95	17.97
		1745	23.57	22.90	21.80	18.07
		1710.7	23.51	22.67	21.64	17.98
	3RB-Low (0)	1779.3	23.74	22.92	21.96	17.98
		1745	23.63	22.85	21.72	18.12
		1710.7	23.44	22.70	21.58	18.07
	6RB (0)	1779.3	22.77	21.66	20.77	17.94
		1745	22.65	21.58	20.66	18.07
		1710.7	22.48	21.43	20.46	18.03
3MHz	1RB-High (14)	1778.5	23.81	23.02	21.91	18.28
		1745	23.63	22.82	21.77	18.43
		1711.5	23.49	22.71	21.62	18.45
	1RB-Middle (7)	1778.5	23.79	23.02	21.82	18.36
		1745	23.59	22.79	21.71	18.37
		1711.5	23.46	22.73	21.64	18.46
	1RB-Low (0)	1778.5	23.87	23.06	21.84	18.42
		1745	23.58	22.77	21.78	18.45
		1711.5	23.44	22.65	21.62	18.48
	8RB-High (7)	1778.5	22.73	21.63	20.84	18.29
		1745	22.57	21.52	20.63	18.47
		1711.5	22.49	21.41	20.54	18.28
	8RB-Middle (4)	1778.5	22.82	21.76	20.83	18.33
		1745	22.60	21.55	20.66	18.43
		1711.5	22.53	21.37	20.46	18.39
	8RB-Low (0)	1778.5	22.78	21.69	20.80	18.36
		1745	22.59	21.59	20.59	18.29
		1711.5	22.51	21.41	20.44	18.30
	15RB (0)	1778.5	22.74	21.74	20.83	18.45

		1745	22.67	21.49	20.61	18.32
		1711.5	22.50	21.39	20.54	18.27
5MHz	1RB-High (24)	1777.5	23.74	22.98	22.00	18.43
		1745	23.69	22.85	21.69	18.41
		1712.5	23.50	22.66	21.56	18.37
	1RB-Middle (12)	1777.5	23.81	23.03	21.85	18.49
		1745	23.57	22.85	21.80	18.31
		1712.5	23.50	22.72	21.55	18.28
	1RB-Low (0)	1777.5	23.78	22.93	21.95	18.31
		1745	23.60	22.82	21.72	18.34
		1712.5	23.44	22.69	21.59	18.31
	12RB-High (13)	1777.5	22.82	21.78	20.90	18.29
		1745	22.64	21.52	20.62	18.47
		1712.5	22.44	21.34	20.49	18.48
	12RB-Middle (6)	1777.5	22.88	21.66	20.82	18.31
		1745	22.70	21.60	20.65	18.45
		1712.5	22.50	21.37	20.46	18.37
	12RB-Low (0)	1777.5	22.88	21.62	20.86	18.32
		1745	22.62	21.49	20.68	18.29
		1712.5	22.45	21.39	20.43	18.36
	25RB (0)	1777.5	22.89	21.74	20.72	18.43
		1745	22.61	21.53	20.70	18.27
		1712.5	22.44	21.43	20.49	18.29
10MHz	1RB-High (49)	1775	23.84	22.93	21.89	18.39
		1745	23.65	22.90	21.69	18.40
		1715	23.46	22.67	21.55	18.28
	1RB-Middle (24)	1775	23.75	22.92	21.86	18.42
		1745	23.64	22.81	21.73	18.43
		1715	23.45	22.64	21.55	18.49
	1RB-Low (0)	1775	23.76	23.10	21.87	18.28
		1745	23.59	22.78	21.77	18.33
		1715	23.46	22.74	21.59	18.37
	25RB-High (25)	1775	22.86	21.78	20.89	18.33
		1745	22.61	21.56	20.58	18.29
		1715	22.47	21.34	20.43	18.41
	25RB-Middle (12)	1775	22.90	21.68	20.83	18.37
		1745	22.66	21.49	20.69	18.29
		1715	22.51	21.39	20.51	18.30
	25RB-Low (0)	1775	22.86	21.68	20.84	18.29
		1745	22.65	21.49	20.61	18.34
		1715	22.50	21.33	20.46	18.30
	50RB (0)	1775	22.84	21.77	20.80	18.32
		1745	22.69	21.50	20.60	18.48
		1715	22.50	21.36	20.43	18.34
15MHz	1RB-High (74)	1772.5	23.73	22.93	21.95	18.49
		1745	23.59	22.88	21.73	18.27
		1717.5	23.54	22.74	21.60	18.47
	1RB-Middle	1772.5	23.87	22.94	21.99	18.48

	(37)	1745	23.61	22.87	21.68	18.36
		1717.5 (132047)	23.49	22.69	21.55	18.29
	1RB-Low (0)	1772.5	23.86	23.00	21.86	18.44
		1745	23.66	22.85	21.73	18.42
		1717.5 (132047)	23.48	22.63	21.63	18.46
	36RB-High (38)	1772.5	22.78	21.78	20.73	18.38
		1745	22.69	21.52	20.64	18.40
		1717.5	22.44	21.44	20.49	18.39
	36RB-Middle (19)	1772.5	22.80	21.68	20.76	18.35
		1745	22.68	21.49	20.58	18.39
		1717.5	22.50	21.38	20.44	18.42
	36RB-Low (0)	1772.5	22.79	21.69	20.72	18.41
		1745	22.59	21.55	20.58	18.45
		1717.5	22.50	21.42	20.47	18.48
	75RB (0)	1772.5	22.80	21.64	20.79	18.40
		1745	22.59	21.54	20.68	18.40
		1717.5	22.45	21.43	20.45	18.37
20MHz	1RB-High (99)	1770	23.61	23.05	21.97	18.38
		1745	23.66	22.79	21.67	18.28
		1720	23.47	22.71	21.58	18.38
	1RB-Middle (50)	1770	23.70	22.94	21.89	18.31
		1745	23.67	22.82	21.80	18.36
		1720	23.36	22.63	21.53	18.49
	1RB-Low (0)	1770	23.65	23.08	21.95	18.27
		1745	23.55	22.81	21.74	18.31
		1720	23.24	22.70	21.58	18.27
	50RB-High (50)	1770	22.61	21.63	20.90	18.30
		1745	22.59	21.49	20.70	18.48
		1720	22.38	21.35	20.53	18.32
	50RB-Middle (25)	1770	22.67	21.80	20.79	18.35
		1745	22.60	21.63	20.65	18.30
		1720	22.35	21.41	20.47	18.46
	50RB-Low (0)	1770	22.65	21.70	20.78	18.27
		1745	22.63	21.51	20.64	18.48
		1720	22.24	21.44	20.46	18.49
	100RB (0)	1770	22.66	21.65	20.80	18.43
		1745	22.65	21.66	20.63	18.32
		1720	22.34	21.34	20.53	18.34

LTE B66 ENDC ANT1 DSI2

Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	22.41	22.39	21.82	18.53
		1745	22.27	22.38	21.76	18.52
		1710.7	21.82	22.13	21.72	18.57
	1RB-Middle (3)	1779.3	22.44	22.42	21.97	18.59
		1745	22.33	22.39	21.79	18.48
		1710.7	21.82	22.17	21.64	18.55
	1RB-Low (0)	1779.3	22.50	22.47	21.86	18.59
		1745	22.33	22.40	21.78	18.49
		1710.7	21.80	22.13	21.71	18.57
	3RB-High (3)	1779.3	22.25	21.80	21.86	18.54
		1745	22.19	21.47	21.70	18.48
		1710.7	21.93	21.38	21.63	18.51
	3RB-Middle (1)	1779.3	22.24	21.66	21.84	18.56
		1745	22.10	21.55	21.74	18.56
		1710.7	22.00	21.40	21.74	18.59
	3RB-Low (0)	1779.3	22.35	21.73	21.99	18.51
		1745	22.11	21.53	21.79	18.50
		1710.7	21.96	21.41	21.63	18.49
	6RB (0)	1779.3	22.25	21.77	20.80	18.53
		1745	22.07	21.47	20.70	18.56
		1710.7	21.95	21.37	20.53	18.46
3MHz	1RB-High (14)	1778.5	22.43	22.44	22.00	18.86
		1745	22.30	22.27	21.78	18.77
		1711.5	21.78	22.17	21.72	18.84
	1RB-Middle (7)	1778.5	22.42	22.43	21.90	18.89
		1745	22.30	22.38	21.71	18.85
		1711.5	21.75	22.24	21.63	18.83
	1RB-Low (0)	1778.5	22.47	22.45	21.98	18.86
		1745	22.27	22.38	21.77	18.80
		1711.5	21.75	22.20	21.73	18.85
	8RB-High (7)	1778.5	22.13	21.64	20.75	18.80
		1745	22.08	21.59	20.66	18.79
		1711.5	21.96	21.37	20.52	18.83
	8RB-Middle (4)	1778.5	22.39	21.64	20.85	18.89
		1745	22.15	21.56	20.70	18.82
		1711.5	21.97	21.33	20.51	18.89
	8RB-Low (0)	1778.5	22.26	21.73	20.74	18.82
		1745	22.12	21.58	20.64	18.83
		1711.5	21.99	21.39	20.50	18.83
	15RB (0)	1778.5	22.25	21.69	20.89	18.80

		1745	22.13	21.49	20.66	18.78
		1711.5	22.00	21.43	20.51	18.82
5MHz	1RB-High (24)	1777.5	22.46	22.40	21.99	18.78
		1745	22.37	22.28	21.70	18.81
		1712.5	21.74	22.24	21.68	18.88
	1RB-Middle (12)	1777.5	22.49	22.48	21.89	18.89
		1745	22.31	22.28	21.79	18.77
		1712.5	21.81	22.19	21.70	18.86
	1RB-Low (0)	1777.5	22.39	22.44	21.92	18.84
		1745	22.40	22.31	21.70	18.85
		1712.5	21.79	22.20	21.68	18.80
	12RB-High (13)	1777.5	22.39	21.68	20.81	18.86
		1745	22.14	21.53	20.64	18.82
		1712.5	22.04	21.40	20.45	18.84
	12RB-Middle (6)	1777.5	22.31	21.67	20.87	18.81
		1745	22.12	21.60	20.69	18.89
		1712.5	22.04	21.43	20.53	18.79
	12RB-Low (0)	1777.5	22.34	21.69	20.84	18.87
		1745	22.14	21.56	20.69	18.81
		1712.5	21.93	21.34	20.47	18.85
	25RB (0)	1777.5	22.29	21.69	20.81	18.82
		1745	22.15	21.47	20.66	18.84
		1712.5	21.99	21.41	20.51	18.79
10MHz	1RB-High (49)	1775	22.43	22.44	21.99	18.84
		1745	22.39	22.34	21.72	18.84
		1715	21.78	22.21	21.71	18.81
	1RB-Middle (24)	1775	22.43	22.39	21.92	18.77
		1745	22.33	22.33	21.77	18.78
		1715	21.82	22.18	21.65	18.80
	1RB-Low (0)	1775	22.45	22.43	21.92	18.78
		1745	22.40	22.40	21.75	18.78
		1715	21.73	22.23	21.72	18.79
	25RB-High (25)	1775	22.45	21.62	20.76	18.83
		1745	22.15	21.56	20.68	18.77
		1715	22.01	21.43	20.47	18.88
	25RB-Middle (12)	1775	22.27	21.77	20.88	18.80
		1745	22.14	21.58	20.69	18.88
		1715	21.96	21.39	20.51	18.87
	25RB-Low (0)	1775	22.40	21.65	20.78	18.77
		1745	22.14	21.50	20.67	18.80
		1715	21.98	21.34	20.48	18.85
	50RB (0)	1775	22.28	21.73	20.89	18.83
		1745	22.15	21.51	20.65	18.82
		1715	21.94	21.38	20.48	18.77
15MHz	1RB-High (74)	1772.5	22.42	22.43	21.93	18.80
		1745	22.29	22.40	21.73	18.85
		1717.5	21.82	22.20	21.71	18.77
	1RB-Middle	1772.5	22.43	22.49	22.00	18.87

	(37)	1745	22.27	22.32	21.70	18.88
		1717.5 (132047)	21.77	22.19	21.74	18.85
	1RB-Low (0)	1772.5	22.49	22.49	21.96	18.86
		1745	22.39	22.28	21.74	18.84
		1717.5 (132047)	21.82	22.24	21.71	18.77
	36RB-High (38)	1772.5	22.36	21.72	20.88	18.78
		1745	22.09	21.60	20.59	18.85
		1717.5	21.94	21.41	20.47	18.77
	36RB-Middle (19)	1772.5	22.38	21.77	20.88	18.85
		1745	22.13	21.60	20.67	18.79
		1717.5	21.97	21.33	20.43	18.80
	36RB-Low (0)	1772.5	22.22	21.67	20.88	18.86
		1745	22.15	21.51	20.70	18.89
		1717.5	22.01	21.35	20.49	18.84
	75RB (0)	1772.5	22.24	21.80	20.85	18.84
		1745	22.17	21.51	20.67	18.86
		1717.5	22.04	21.44	20.46	18.83
20MHz	1RB-High (99)	1770	22.22	22.38	21.84	18.83
		1745	22.15	22.32	21.74	18.88
		1720	22.16	22.22	21.67	18.80
	1RB-Middle (50)	1770	22.25	22.49	21.85	18.83
		1745	22.16	22.35	21.84	18.79
		1720	21.86	22.17	21.68	18.77
	1RB-Low (0)	1770	22.12	22.50	22.00	18.82
		1745	22.02	22.31	21.69	18.80
		1720	21.68	22.24	21.65	18.82
	50RB-High (50)	1770	22.11	21.71	20.79	18.84
		1745	22.07	21.54	20.60	18.80
		1720	21.88	21.37	20.48	18.83
	50RB-Middle (25)	1770	22.13	21.77	20.88	18.87
		1745	22.08	21.62	20.59	18.88
		1720	21.81	21.41	20.47	18.84
	50RB-Low (0)	1770	22.12	21.79	20.85	18.77
		1745	22.06	21.47	20.61	18.87
		1720	21.74	21.39	20.43	18.89
	100RB (0)	1770	22.08	21.62	20.82	18.86
		1745	22.07	21.61	20.61	18.87
		1720	21.83	21.36	20.43	18.80

LTE B66 ENDC ANT1 DSI3

Band 66						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3	18.33	18.40	18.45	18.28
		1745	18.32	18.55	18.53	18.40
		1710.7	18.33	18.35	18.49	18.30
	1RB-Middle (3)	1779.3	18.39	18.55	18.48	18.41
		1745	18.42	18.48	18.50	18.29
		1710.7	18.41	18.52	18.43	18.45
	1RB-Low (0)	1779.3	18.39	18.51	18.44	18.36
		1745	18.39	18.46	18.46	18.35
		1710.7	18.40	18.49	18.52	18.26
	3RB-High (3)	1779.3	18.42	18.44	18.55	18.39
		1745	18.36	18.36	18.47	18.38
		1710.7	18.34	18.51	18.49	18.28
	3RB-Middle (1)	1779.3	18.35	18.35	18.52	18.32
		1745	18.36	18.49	18.38	18.30
		1710.7	18.45	18.50	18.48	18.33
	3RB-Low (0)	1779.3	18.42	18.41	18.41	18.28
		1745	18.34	18.45	18.39	18.42
		1710.7	18.41	18.41	18.40	18.30
	6RB (0)	1779.3	18.38	18.41	18.39	18.39
		1745	18.33	18.39	18.36	18.39
		1710.7	18.40	18.47	18.35	18.23
3MHz	1RB-High (14)	1778.5	18.66	18.71	18.79	18.72
		1745	18.73	18.69	18.79	18.52
		1711.5	18.74	18.71	18.77	18.70
	1RB-Middle (7)	1778.5	18.60	18.72	18.78	18.52
		1745	18.73	18.75	18.83	18.55
		1711.5	18.58	18.77	18.74	18.68
	1RB-Low (0)	1778.5	18.65	18.69	18.81	18.72
		1745	18.64	18.71	18.82	18.57
		1711.5	18.70	18.66	18.79	18.63
	8RB-High (7)	1778.5	18.76	18.79	18.67	18.50
		1745	18.69	18.68	18.81	18.66
		1711.5	18.68	18.77	18.74	18.50
	8RB-Middle (4)	1778.5	18.58	18.75	18.69	18.54
		1745	18.74	18.75	18.69	18.57
		1711.5	18.69	18.77	18.81	18.70
	8RB-Low (0)	1778.5	18.61	18.78	18.66	18.71
		1745	18.75	18.77	18.70	18.54
		1711.5	18.65	18.73	18.65	18.69
	15RB (0)	1778.5	18.59	18.65	18.73	18.49

		1745	18.68	18.80	18.82	18.72
		1711.5	18.62	18.68	18.65	18.68
5MHz	1RB-High (24)	1777.5	18.67	18.78	18.73	18.57
		1745	18.64	18.67	18.66	18.51
		1712.5	18.57	18.77	18.70	18.58
	1RB-Middle (12)	1777.5	18.58	18.78	18.67	18.54
		1745	18.58	18.66	18.69	18.66
		1712.5	18.66	18.66	18.75	18.68
	1RB-Low (0)	1777.5	18.71	18.72	18.81	18.52
		1745	18.75	18.78	18.83	18.72
		1712.5	18.59	18.77	18.77	18.65
	12RB-High (13)	1777.5	18.72	18.65	18.74	18.54
		1745	18.67	18.77	18.83	18.67
		1712.5	18.63	18.72	18.67	18.55
	12RB-Middle (6)	1777.5	18.57	18.66	18.65	18.66
		1745	18.71	18.73	18.80	18.50
		1712.5	18.74	18.70	18.72	18.53
	12RB-Low (0)	1777.5	18.72	18.67	18.67	18.71
		1745	18.69	18.72	18.76	18.51
		1712.5	18.60	18.70	18.76	18.71
	25RB (0)	1777.5	18.71	18.80	18.68	18.72
		1745	18.69	18.65	18.81	18.64
		1712.5	18.57	18.77	18.70	18.64
10MHz	1RB-High (49)	1775	18.75	18.67	18.72	18.72
		1745	18.66	18.79	18.67	18.58
		1715	18.60	18.71	18.81	18.72
	1RB-Middle (24)	1775	18.62	18.77	18.72	18.56
		1745	18.64	18.67	18.65	18.69
		1715	18.72	18.78	18.71	18.53
	1RB-Low (0)	1775	18.64	18.66	18.81	18.50
		1745	18.66	18.67	18.67	18.58
		1715	18.63	18.76	18.75	18.55
	25RB-High (25)	1775	18.65	18.78	18.75	18.53
		1745	18.72	18.78	18.65	18.66
		1715	18.65	18.78	18.79	18.55
	25RB-Middle (12)	1775	18.68	18.66	18.82	18.64
		1745	18.69	18.70	18.83	18.62
		1715	18.76	18.74	18.78	18.68
	25RB-Low (0)	1775	18.72	18.67	18.65	18.65
		1745	18.75	18.79	18.73	18.56
		1715	18.60	18.79	18.78	18.56
	50RB (0)	1775	18.73	18.69	18.69	18.59
		1745	18.67	18.76	18.74	18.69
		1715	18.62	18.71	18.67	18.56
15MHz	1RB-High (74)	1772.5	18.66	18.69	18.69	18.54
		1745	18.65	18.74	18.77	18.63
		1717.5	18.62	18.72	18.81	18.50
	1RB-Middle	1772.5	18.62	18.74	18.74	18.63

	(37)	1745	18.76	18.76	18.78	18.60
		1717.5 (132047)	18.69	18.75	18.70	18.64
	1RB-Low (0)	1772.5	18.66	18.74	18.71	18.55
		1745	18.67	18.76	18.75	18.65
		1717.5 (132047)	18.69	18.67	18.82	18.68
	36RB-High (38)	1772.5	18.65	18.75	18.79	18.55
		1745	18.58	18.76	18.77	18.54
		1717.5	18.60	18.70	18.79	18.54
	36RB-Middle (19)	1772.5	18.76	18.69	18.83	18.62
		1745	18.76	18.79	18.78	18.52
		1717.5	18.59	18.70	18.83	18.71
	36RB-Low (0)	1772.5	18.62	18.73	18.73	18.66
		1745	18.76	18.80	18.73	18.66
		1717.5	18.58	18.76	18.70	18.57
	75RB (0)	1772.5	18.60	18.65	18.66	18.57
		1745	18.62	18.69	18.75	18.65
		1717.5	18.60	18.74	18.75	18.71
20MHz	1RB-High (99)	1770	18.65	18.75	18.72	18.54
		1745	18.71	18.72	18.75	18.55
		1720	18.70	18.70	18.78	18.50
	1RB-Middle (50)	1770	18.72	18.77	18.79	18.54
		1745	18.65	18.78	18.83	18.67
		1720	18.60	18.80	18.66	18.63
	1RB-Low (0)	1770	18.63	18.79	18.83	18.70
		1745	18.62	18.67	18.81	18.63
		1720	18.70	18.75	18.72	18.70
	50RB-High (50)	1770	18.59	18.74	18.74	18.51
		1745	18.56	18.71	18.71	18.71
		1720	18.58	18.78	18.79	18.59
	50RB-Middle (25)	1770	18.60	18.65	18.66	18.68
		1745	18.59	18.73	18.66	18.68
		1720	18.57	18.71	18.74	18.65
	50RB-Low (0)	1770	18.59	18.72	18.74	18.69
		1745	18.56	18.76	18.71	18.60
		1720	18.59	18.68	18.77	18.69
	100RB (0)	1770	18.66	18.72	18.68	18.69
		1745	18.62	18.80	18.67	18.53
		1720	18.58	18.67	18.69	18.53

LTE B71 ANT0 DSI1/2/3

Band 71						
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)			
	RB offset		QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5	22.54	22.65	21.68	18.69
		680.5	23.44	22.78	21.68	18.46
		665.5	23.39	22.61	21.62	18.63
	1RB-Middle (12)	695.5	22.56	22.66	21.64	18.52
		680.5	23.55	22.80	21.63	18.48
		665.5	23.45	22.63	21.68	18.45
	1RB-Low (0)	695.5	22.55	22.73	21.75	18.46
		680.5	23.51	22.66	21.62	18.49
		665.5	23.31	22.62	21.59	18.68
	12RB-High (13)	695.5	22.57	21.53	20.61	18.56
		680.5	22.58	21.60	20.56	18.47
		665.5	22.52	21.49	20.51	18.47
	12RB-Middle (6)	695.5	22.58	21.62	20.62	18.51
		680.5	22.53	21.55	20.54	18.52
		665.5	22.54	21.50	20.54	18.53
	12RB-Low (0)	695.5	22.55	21.58	20.64	18.54
		680.5	22.46	21.49	20.57	18.44
		665.5	22.52	21.54	20.51	18.48
	25RB (0)	695.5	22.59	21.59	20.62	18.56
		680.5	22.56	21.55	20.54	18.42
		665.5	22.54	21.51	20.51	18.56
10MHz	1RB-High (49)	693	22.45	22.80	21.57	18.66
		680.5	23.45	22.67	21.69	18.65
		668	23.42	22.64	21.53	18.45
	1RB-Middle (24)	693	22.47	22.64	21.67	18.61
		680.5	23.46	22.73	21.58	18.59
		668	23.44	22.43	21.50	18.50
	1RB-Low (0)	693	22.47	22.88	21.80	18.60
		680.5	23.54	22.65	21.54	18.55
		668	23.37	22.53	21.72	18.63
	25RB-High (25)	693	22.50	21.54	20.54	18.43
		680.5	22.55	21.55	20.55	18.48
		668	22.44	21.43	20.48	18.47
	25RB-Middle (12)	693	22.50	21.54	20.51	18.44
		680.5	22.50	21.49	20.50	18.43
		668	22.43	21.49	20.44	18.53
	25RB-Low (0)	693	22.49	21.61	20.59	18.50
		680.5	22.47	21.46	20.48	18.49
		668	22.51	21.50	20.46	18.45
	50RB (0)	693	22.49	21.59	20.56	18.56

		680.5	22.51	21.51	20.49	18.42
		668	22.48	21.46	20.49	18.49
15MHz	1RB-High (74)	690.5	22.51	22.60	21.65	18.46
		680.5	23.48	22.75	21.72	18.47
		670.5	23.48	22.62	21.51	18.66
	1RB-Middle (37)	690.5	22.50	22.84	21.68	18.55
		680.5	23.53	22.81	21.71	18.57
		670.5	23.43	22.64	21.55	18.47
	1RB-Low (0)	690.5	22.50	22.86	21.81	18.51
		680.5	23.58	22.72	21.65	18.70
		670.5	23.47	22.65	21.68	18.52
	36RB-High (38)	690.5	22.54	21.55	20.57	18.49
		680.5	22.56	21.57	20.58	18.44
		670.5	22.41	21.41	20.43	18.48
	36RB-Middle (19)	690.5	22.52	21.56	20.61	18.46
		680.5	22.54	21.52	20.57	18.54
		670.5	22.43	21.42	20.48	18.52
	36RB-Low (0)	690.5	22.49	21.62	20.67	18.47
		680.5	22.47	21.49	20.47	18.55
		670.5	22.51	21.52	20.51	18.49
	75RB (0)	690.5	22.54	21.61	20.60	18.42
		680.5	22.53	21.50	20.52	18.52
		670.5	22.45	21.47	20.47	18.50
20MHz	1RB-High (99)	688	23.66	22.69	21.64	18.51
		683	23.48	22.81	21.72	18.70
		673	23.54	22.75	21.63	18.50
	1RB-Middle (50)	688	23.57	22.82	21.71	18.54
		683	23.68	22.80	21.78	18.68
		673	23.63	22.55	21.60	18.54
	1RB-Low (0)	688	23.66	22.81	21.68	18.54
		683	23.60	22.64	21.62	18.68
		673	23.56	22.79	21.71	18.52
	50RB-High (50)	688	22.65	21.62	20.62	18.43
		683	22.62	21.59	20.60	18.56
		673	22.54	21.54	20.50	18.50
	50RB-Middle (25)	688	22.66	21.63	20.63	18.47
		683	22.67	21.61	20.60	18.49
		673	22.50	21.47	20.43	18.46
	50RB-Low (0)	688	22.66	21.66	20.64	18.42
		683	22.57	21.55	20.52	18.54
		673	22.50	21.52	20.51	18.53
	100RB (0)	688	22.65	21.63	20.63	18.52
		683	22.67	21.56	20.56	18.45
		673	22.52	21.50	20.46	18.49

11.4 NR Measurement result

The maximum output power(Tune-up Limit)

	TX ANT	Mode/Band	DSI1	DSI2	DSI3
NR SA	ANT2	**n2**	19+/-1	23+/-1	20.5+/-1
	ANT0	**n5**	22.5+/-1	23.5+/-1	23.5+/-1
	ANT2	**n25**	19+/-1	23+/-1	21+/-1
	ANT6	**n30**	19+/-1	22+/-1	19+/-1
	ANT2	**n48**	17+/-1	19+/-1	18+/-1
	ANT2	**n66**	20+/-1	23+/-1	21+/-1
	ANT2	**n70**	20+/-1	23+/-1	21+/-1
	ANT0	**n71**	23.5+/-1	23.5+/-1	23.5+/-1
	ANT2	**n78**	17+/-1	19+/-1	18+/-1
	ANT4	**n41（PC2)**	16+/-1	19.5+/-1	17.5+/-1
	ANT2	**n77（PC2)**	17+/-1	19+/-1	18+/-1
	ANT1	**n41（PC2)**	23.5+/-1	18.5+/-1	15.5+/-1
	ANT6	**n77（PC2)**	17+/-1	20+/-1	18+/-1
	ANT4+ANT1(PC1.5)	**n41（PC2) ANT4**	16+/-1	16+/-1	16+/-1
	ANT2+ANT6 (PC1.5)	**n77（PC2) ANT2**	17+/-1	19+/-1	16+/-1

	Mode/Band	LTE TX Band	LTE TX ANT	DSI1	DSI2	DSI3	NR TX Band	NR TX ANT	DSI1	DSI2	DSI3
ENDC mode	DC_2A_n2A[4]	B2	ANT 1	23.5+/-1	21.5+/-1	19.5+/-1	n2	ANT 2	16.5+/-1	20.5+/-1	20.5+/-1
	DC_5A_n2A[4]	B5	ANT 0	21+/-1	24+/-1	24+/-1	n2	ANT 2	16.5+/-1	20.5+/-1	20.5+/-1
	DC_66A[4]_n2A[4]	B66	ANT 1	23.5+/-1	20.5+/-1	18+/-1	n2	ANT 2	16.5+/-1	20.5+/-1	20.5+/-1
	DC_2A[4]_n5A	B2	ANT 2	16.5+/-1	21.5+/-1	20.5+/-1	n5	ANT 0	20.5+/-1	23.5+/-1	23.5+/-1
	DC_66A[4]_n5A	B66	ANT 1	23.5+/-1	20.5+/-1	18+/-1	n5	ANT 0	20.5+/-1	23.5+/-1	23.5+/-1
	DC_2A[4]_n66A[4]	B2	ANT 1	23.5+/-1	21.5+/-1	19.5+/-1	n66	ANT 2	16.5+/-1	21+/-1	21+/-1
	DC_66A[4]_n66A[4]	B66	ANT 1	23.5+/-1	20.5+/-1	18+/-1	n66	ANT 2	16.5+/-1	21+/-1	21+/-1
	DC_2A[4]_n77A[4]	B2	ANT 2	16.5+/-1	21.5+/-1	20.5+/-1	n77	ANT 6	17+/-1	20+/-1	18+/-1
	DC_5A_n77A[4]	B5	ANT 0	21+/-1	24+/-1	24+/-1	n77	ANT 6	17+/-1	20+/-1	18+/-1

	DC_66A_n77A[4]	B66	ANT 2	17.5+/-1	21.5+/-1	20.5+/-1	n77	ANT 6	17+/-1	20+/-1	18+/-1
	DC_30A_n5A	B30	ANT 6	16.5+/-1	21.5+/-1	18.5+/-1	n5	ANT 0	20.5+/-1	23.5+/-1	23.5+/-1
	DC_12A_n66A	B12	ANT 0	21+/-1	24+/-1	24+/-1	n66	ANT 2	16.5+/-1	21+/-1	21+/-1
	DC_14A_n66A	B14	ANT 0	21+/-1	24+/-1	24+/-1	n66	ANT 2	16.5+/-1	21+/-1	21+/-1
	DC_30A_n66A	B30	ANT 6	16.5+/-1	21.5+/-1	18.5+/-1	n66	ANT 2	16.5+/-1	21+/-1	21+/-1
	DC_12A_n2A	B12	ANT 0	21+/-1	24+/-1	24+/-1	n2	ANT 2	16.5+/-1	20.5+/-1	20.5+/-1
	DC_14A_n2A	B14	ANT 0	21+/-1	24+/-1	24+/-1	n2	ANT 2	16.5+/-1	20.5+/-1	20.5+/-1
	DC_30A_n2A	B30	ANT 6	16.5+/-1	21.5+/-1	18.5+/-1	n2	ANT 2	16.5+/-1	20.5+/-1	20.5+/-1
	DC_30A_n77A	B30	ANT 6	16.5+/-1	21.5+/-1	18.5+/-1	n77	ANT 2	17+/-1	19+/-1	16+/-1
	DC_12A_n77A	B12	ANT 0	21+/-1	24+/-1	24+/-1	n77	ANT 2	17+/-1	19+/-1	16+/-1
	DC_14A_n77A	B14	ANT 0	21+/-1	24+/-1	24+/-1	n77	ANT 2	17+/-1	19+/-1	16+/-1

Maximum Power Reduction (MPR) for NR (power class 3)

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
		≤ 0.5[2]		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		

Maximum Power Reduction (MPR) for NR (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		

Evaluation process for 5G NR TDD bands(n41/n48/n77):

The conducted power value in NR band (TDD) need to be dynamically adjusted with the uplink duty cycle. The dynamic adjusted process is as below:

n48 SA (PC3) ANT2

n48 PC3-DSI1 (Head)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
23	1%-10%	23	-10	16.5
23	11%-20%	23	-7	16.5
23	21%-30%	21.5	-5.2	16.3
23	31%-40%	20.5	-4	16.5
23	41%-50%	19.5	-3	16.5
23	51%-60%	18.5	-2.2	16.3
23	61%-70%	18	-1.5	16.5
23	71%-80%	17.5	-1	16.5
23	81%-90%	17	-0.5	16.5
23	91%-100%	17	0	17

n48 PC3-DSI2 (Body 15mm/0mm)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
23	1%-10%	23	-10	18.5
23	11%-20%	23	-7	18.5
23	21%-30%	23	-5.2	18.3
23	31%-40%	22.5	-4	18.5
23	41%-50%	21.5	-3	18.5
23	51%-60%	20.5	-2.2	18.3
23	61%-70%	20	-1.5	18.5
23	71%-80%	19.5	-1	18.5
23	81%-90%	19	-0.5	18.5
23	91%-100%	19	0	19

n48 PC3-DSI3 (Body 10mm)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
23	1%-10%	23	-10	17.5
23	11%-20%	23	-7	17.5
23	21%-30%	22.5	-5.2	17.3
23	31%-40%	21.5	-4	17.5
23	41%-50%	20.5	-3	17.5
23	51%-60%	19.5	-2.2	17.3
23	61%-70%	19	-1.5	17.5
23	71%-80%	18.5	-1	17.5
23	81%-90%	18	-0.5	17.5
23	91%-100%	18	0	18

n41 SA (PC2) ANT4

n41 PC2-DSI1 (Head)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	25.5	-10	15.5
26	11%-20%	22.5	-7	15.5
26	21%-30%	20.5	-5.2	15.3
26	31%-40%	19.5	-4	15.5
26	41%-50%	18.5	-3	15.5
26	51%-60%	17.5	-2.2	15.3
26	61%-70%	17	-1.5	15.5
26	71%-80%	16.5	-1	15.5
26	81%-90%	16	-0.5	15.5
26	91%-100%	16	0	16

n41 PC2-DSI2 (Body 15mm/0mm)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	26	-7	19
26	21%-30%	24	-5.2	18.8
26	31%-40%	23	-4	19
26	41%-50%	22	-3	19
26	51%-60%	21	-2.2	18.8
26	61%-70%	20.5	-1.5	19
26	71%-80%	20	-1	19
26	81%-90%	19.5	-0.5	19
26	91%-100%	19.5	0	19.5

n41 PC2-DSI3 (Body 10mm)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	24	-7	17
26	21%-30%	22	-5.2	16.8
26	31%-40%	21	-4	17
26	41%-50%	20	-3	17
26	51%-60%	19	-2.2	16.8
26	61%-70%	18.5	-1.5	17
26	71%-80%	18	-1	17
26	81%-90%	17.5	-0.5	17
26	91%-100%	17.5	0	17.5

n41 SA (PC1.5) ANT4

n41 PC2-DSI1 (Head)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	25.5	-10	15.5
26	11%-20%	22.5	-7	15.5
26	21%-30%	20.5	-5.2	15.3
26	31%-40%	19.5	-4	15.5
26	41%-50%	18.5	-3	15.5
26	51%-60%	17.5	-2.2	15.3
26	61%-70%	17	-1.5	15.5
26	71%-80%	16.5	-1	15.5
26	81%-90%	16	-0.5	15.5
26	91%-100%	16	0	16

n41 PC2-DSI2 (Body 15mm/0mm)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	25.5	-10	15.5
26	11%-20%	22.5	-7	15.5
26	21%-30%	20.5	-5.2	15.3
26	31%-40%	19.5	-4	15.5
26	41%-50%	18.5	-3	15.5
26	51%-60%	17.5	-2.2	15.3
26	61%-70%	17	-1.5	15.5
26	71%-80%	16.5	-1	15.5
26	81%-90%	16	-0.5	15.5
26	91%-100%	16	0	16

n41 PC2-DSI3 (Body 10mm)				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	25.5	-10	15.5
26	11%-20%	22.5	-7	15.5
26	21%-30%	20.5	-5.2	15.3
26	31%-40%	19.5	-4	15.5
26	41%-50%	18.5	-3	15.5
26	51%-60%	17.5	-2.2	15.3
26	61%-70%	17	-1.5	15.5
26	71%-80%	16.5	-1	15.5
26	81%-90%	16	-0.5	15.5
26	91%-100%	16	0	16

n41 SA（PC1.5）ANT1

n41 PC2-DSI1（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	23
26	11%-20%	26	-7	23
26	21%-30%	26	-5.2	22.8
26	31%-40%	26	-4	23
26	41%-50%	26	-3	23
26	51%-60%	25	-2.2	22.8
26	61%-70%	24.5	-1.5	23
26	71%-80%	24	-1	23
26	81%-90%	23.5	-0.5	23
26	91%-100%	23.5	0	23.5

n41 PC2-DSI2（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	25	-7	18
26	21%-30%	23	-5.2	17.8
26	31%-40%	22	-4	18
26	41%-50%	21	-3	18
26	51%-60%	20	-2.2	17.8
26	61%-70%	19.5	-1.5	18
26	71%-80%	19	-1	18
26	81%-90%	18.5	-0.5	18
26	91%-100%	18.5	0	18.5

n41 PC2-DSI3（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	25	-10	15
26	11%-20%	22	-7	15
26	21%-30%	20	-5.2	14.8
26	31%-40%	19	-4	15
26	41%-50%	18	-3	15
26	51%-60%	17	-2.2	14.8
26	61%-70%	16.5	-1.5	15
26	71%-80%	16	-1	15
26	81%-90%	15.5	-0.5	15
26	91%-100%	15.5	0	15.5

n77 SA （PC2）ANT2

n77 PC2-DSI1（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	23.5	-7	16.5
26	21%-30%	21.5	-5.2	16.3
26	31%-40%	20.5	-4	16.5
26	41%-50%	19.5	-3	16.5
26	51%-60%	18.5	-2.2	16.3
26	61%-70%	18	-1.5	16.5
26	71%-80%	17.5	-1	16.5
26	81%-90%	17	-0.5	16.5
26	91%-100%	17	0	17

n77 PC2-DSI2（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	25.5	-7	18.5
26	21%-30%	23.5	-5.2	18.3
26	31%-40%	22.5	-4	18.5
26	41%-50%	21.5	-3	18.5
26	51%-60%	20.5	-2.2	18.3
26	61%-70%	20	-1.5	18.5
26	71%-80%	19.5	-1	18.5
26	81%-90%	19	-0.5	18.5
26	91%-100%	19	0	19

n77 PC2-DSI3（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	24.5	-7	17.5
26	21%-30%	22.5	-5.2	17.3
26	31%-40%	21.5	-4	17.5
26	41%-50%	20.5	-3	17.5
26	51%-60%	19.5	-2.2	17.3
26	61%-70%	19	-1.5	17.5
26	71%-80%	18.5	-1	17.5
26	81%-90%	18	-0.5	17.5
26	91%-100%	18	0	18

n77 SA (PC1.5) and NSA（PC2）ANT2

n77 PC2-DSI1（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	23.5	-7	16.5
26	21%-30%	21.5	-5.2	16.3
26	31%-40%	20.5	-4	16.5
26	41%-50%	19.5	-3	16.5
26	51%-60%	18.5	-2.2	16.3
26	61%-70%	18	-1.5	16.5
26	71%-80%	17.5	-1	16.5
26	81%-90%	17	-0.5	16.5
26	91%-100%	17	0	17

n77 PC2-DSI2（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	25.5	-7	18.5
26	21%-30%	23.5	-5.2	18.3
26	31%-40%	22.5	-4	18.5
26	41%-50%	21.5	-3	18.5
26	51%-60%	20.5	-2.2	18.3
26	61%-70%	20	-1.5	18.5
26	71%-80%	19.5	-1	18.5
26	81%-90%	19	-0.5	18.5
26	91%-100%	19	0	19

n77 PC2-DSI3（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	25.5	-10	15.5
26	11%-20%	22.5	-7	15.5
26	21%-30%	20.5	-5.2	15.3
26	31%-40%	19.5	-4	15.5
26	41%-50%	18.5	-3	15.5
26	51%-60%	17.5	-2.2	15.3
26	61%-70%	17	-1.5	15.5
26	71%-80%	16.5	-1	15.5
26	81%-90%	16	-0.5	15.5
26	91%-100%	16	0	16

n77 SA (PC1.5) and NSA（PC2）ANT6

n77 PC2-DSI1（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	23.5	-7	16.5
26	21%-30%	21.5	-5.2	16.3
26	31%-40%	20.5	-4	16.5
26	41%-50%	19.5	-3	16.5
26	51%-60%	18.5	-2.2	16.3
26	61%-70%	18	-1.5	16.5
26	71%-80%	17.5	-1	16.5
26	81%-90%	17	-0.5	16.5
26	91%-100%	17	0	17

n77 PC2-DSI2（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	26	-7	19
26	21%-30%	24.5	-5.2	19.3
26	31%-40%	23.5	-4	19.5
26	41%-50%	22.5	-3	19.5
26	51%-60%	21.5	-2.2	19.3
26	61%-70%	21	-1.5	19.5
26	71%-80%	20.5	-1	19.5
26	81%-90%	20	-0.5	19.5
26	91%-100%	20	0	20

n77 PC2-DSI3（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log (Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	24.5	-7	17.5
26	21%-30%	22.5	-5.2	17.3
26	31%-40%	21.5	-4	17.5
26	41%-50%	20.5	-3	17.5
26	51%-60%	19.5	-2.2	17.3
26	61%-70%	19	-1.5	17.5
26	71%-80%	18.5	-1	17.5
26	81%-90%	18	-0.5	17.5
26	91%-100%	18	0	18

The test plan for SAR based on the above tables for TDD power setting:

1. Determine the maximum power of different uplink duty cycle.
2. Converse the Maximum Power of different duty cycle to Averaged Power by division factor.

Choose the duty cycle with maximum Average Power to do conductive power and SAR test. For this device, 100% duty cycle was chosen.

NR N2 ANT2 DSI1

5G n2									
No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	19.45
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	19.47
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.06
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	19.42
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	19.43
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.23
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	19.36
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.45
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.44
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.98
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	19.44
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.43
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.42
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.13
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	19.42
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	19.37
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	19.32
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	19.29
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	19.32
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	19.31
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	19.37
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	19.39
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	19.38
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	19.27
19	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	19.31
20	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	19.36

NR N2 ANT2 DSI2

5G n2									
No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	23.48
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	23.51
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.01
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	23.45
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	23.46
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	23.22
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	23.38
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.58
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.07
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.11
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	22.21
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.77
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.16
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.22
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	22.56
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	22.53
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	22.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	22.47
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	23.33
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	23.32
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	22.56
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	23.41
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	23.40
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	23.42
19	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	23.39
20	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	23.35

NR N2 ANT2 DSI3

5G n2									
No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	21.47
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	21.49
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	21.05
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	21.44
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	21.46
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	21.23

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	21.38
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.48
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.99
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.50
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	21.47
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.46
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.33
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.49
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	21.44
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	21.39
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	21.33
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	21.30
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	21.33
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	21.32
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	21.39
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	21.41
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	21.40
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	21.39
19	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	21.37
20	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	21.42

NR N2 ENDC ANT2 DSI1

5G n2									
No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	16.92
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	16.94
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	16.91
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	16.90
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	16.91
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	16.87

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	16.84
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	16.92
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	16.91
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.90
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	16.91
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	16.90
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	16.89
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.88
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	16.90
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	16.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	16.81
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	16.78
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	16.81
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	16.80
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	16.85
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	16.87
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	16.86
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	16.87
19	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	16.72
20	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	16.78

NR N5 ANT0 DSI1

DC 2A n5A

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	22.89
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.97
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	22.91
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	22.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	22.88
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	22.86

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	22.89
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.39
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.85
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.85
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	21.97
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	21.47
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	19.94
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	16.79
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	22.26
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	22.25
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	22.18
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	22.15
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	22.73
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	22.67
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	22.21
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	22.74
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	22.78
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	64_32	836.5	167300	22.79

NR N5 ANT0 DSI2/3

DC 2A n5A

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	23.31
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	23.39
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	23.33
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	23.24
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	23.30
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	23.28

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	23.31
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.52
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.94
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.72
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.15
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	21.96
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.30
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	17.10
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	22.67
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	22.66
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	22.59
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	22.56
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	23.15
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	23.08
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	22.62
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	23.16
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	23.20
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	64_32	836.5	167300	23.28

NR N5 ENDC ANT0 DSI1

DC 2A n5A

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	20.95
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	21.02
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	20.97
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	20.88
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	20.94
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	20.92

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	20.95
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	20.94
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.92
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.10
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	20.98
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	20.96
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.23
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	17.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	20.97
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	20.96
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	20.90
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	20.95
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	20.94
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	20.97
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	20.92
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	20.95
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	20.93
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	64_32	836.5	167300	20.87

NR N25 ANT2 DSI1

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	18.37
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	18.42
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	18.39
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	18.39
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	18.44
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	18.41

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	18.39
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	18.36
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	18.34
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.33
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	18.38
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	18.37
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	18.34
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	17.37
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	18.34
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	18.31
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	18.30
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	18.33
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	18.35
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	18.32
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	18.36
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	18.38
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	18.39
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	18.36
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	18.35
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	18.37

NR N25 ANT2 DSI2

n25A

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	22.42
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	22.49
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.46
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	22.46
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.51
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	22.48

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	22.44
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	21.53
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	20.04
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.50
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	21.17
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	20.60
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	19.05
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	17.42
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	21.55
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	21.47
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	22.47
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	22.40
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	21.41
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	21.45
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	21.37
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	22.43
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	22.45
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	22.41
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	22.40
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	22.42

NR N25 ANT2 DSI3

n25A

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	20.37
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	20.43
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	20.40
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	20.40
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	20.45
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	20.42

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	20.39
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	20.36
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	20.03
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.50
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	20.38
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	20.37
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	19.05
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	17.53
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	20.34
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	20.31
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	20.30
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	20.33
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	20.35
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	20.32
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	20.36
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	20.38
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	20.40
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	20.36
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	20.35
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	20.37

NR N30 ANT6 DSI1/3

n30A

No.	Test Freq Description	5G-n30							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	19.31
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	19.37
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	19.30
4	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	19.33

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n30							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	19.32
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	19.36
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	19.32
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	19.29
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	19.27
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	19.18
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	19.17
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	19.16
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	19.26
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	19.35
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	19.31
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	19.25
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	19.26
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	19.19
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	19.17

NR N30 ANT6 DSI2

n30A

No.	Test Freq Description	5G-n30							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	22.43
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	22.50
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	22.42
4	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	22.39

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n30							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	22.49
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	22.48
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.09
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	19.09
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	22.33
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	21.74
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	20.21
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	17.05
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	20.54
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	20.61
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	21.78
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	21.92
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	20.74
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	20.95
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	20.90

NR N41 ANT4 DSI1

5G n41									
No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	15.90
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	15.94
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.03
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	15.99
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	15.71
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	15.98
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	16.01
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	15.99
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	16.00
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.02
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15.99
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15.97
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.01
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	15.98
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15.97
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15.95
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	15.99
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	16.02
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	15.93
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	15.92
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	15.96
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	15.97
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	15.98
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	15.99
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.96
18	Middle2	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2592.99	518598	15.97
19	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	15.98
20	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	15.94
21	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	15.97
22	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	16.00
23	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	15.95
24	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	15.92
25	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	15.89

NR N41 ANT4 DSI2

5G n41									
No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	20.01
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	20.06
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	20.17
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	20.12
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	19.77
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	20.11
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	20.14
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	20.12
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	20.13
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	20.16
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	20.12
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20.09
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	20.14
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	20.11
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	20.09
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.65
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	20.12
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	20.16
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	20.08
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	20.03
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	20.08
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	20.09
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	20.11
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	20.12
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.08
18	Middle2	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2592.99	518598	20.10
19	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	20.11
20	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	20.06
21	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	20.09
22	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	20.13
23	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	20.07
24	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	20.03
25	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	19.99

NR N41 ANT4 DSI3

5G n41									
No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	18.01
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	18.06
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.16
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	18.11
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	17.80
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.10
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	18.14
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18.11
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	18.13
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.15
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.11
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.09
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.14
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.10
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.09
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.07
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18.11
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	18.15
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	18.05
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	18.04
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18.08
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18.09
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	18.10
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18.11
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.08
18	Middle2	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2592.99	518598	18.09
19	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18.10
20	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	18.06
21	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.09
22	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.13
23	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	18.07
24	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	18.04
25	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	18.00

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5G n41

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	23.23
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	23.55
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23.59
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	23.38
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	23.06
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	23.50
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	23.54
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	23.50
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	23.55
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.53
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.50
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.60
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23.58
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.55
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.63
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.49
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.54
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.53
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.49
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.48
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	23.51
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	23.47
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	23.54
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	23.51
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	23.47
18	Middle2	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2592.99	518598	23.50
19	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	23.54
20	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	23.50
21	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	23.56
22	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	23.53
23	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	23.49
24	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	23.51
25	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	23.56

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5G n41									
No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	18.12
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	18.37
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.40
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	18.24
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	17.99
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.33
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	18.36
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18.33
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	18.37
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.35
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.33
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.32
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.39
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.37
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.35
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.32
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18.33
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	18.38
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	18.37
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	18.35
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18.34
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18.31
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	18.36
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18.34
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.31
18	Middle2	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2592.99	518598	18.37
19	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18.36
20	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	18.33
21	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.38
22	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.35
23	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	18.32
24	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	18.34
25	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	18.38

NR N41 ANT1 DSI3

5G n41									
No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	15.24
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	15.45
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	15.48
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	15.35
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	15.14
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	15.42
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	15.45
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	15.42
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	15.45
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	15.44
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15.42
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15.41
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	15.47
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	15.45
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15.44
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15.41
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	15.42
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	15.46
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	15.45
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	15.44
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	15.43
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	15.40
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	15.45
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	15.43
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.40
18	Middle2	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2592.99	518598	15.43
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	15.45
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	15.42
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	15.46
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	15.44
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	15.41
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	15.43
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	15.46

NR N48 ANT2 DSI1

5G n48									
No.	Test Freq Description	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3690	646000	17.56
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3624.99	641666	17.69
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3560.01	637334	17.32
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	16.98
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	17.53
6	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	17.46
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3624.99	641666	17.45
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3624.99	641666	17.26
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3624.99	641666	17.48
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3624.99	641666	17.29
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3624.99	641666	17.34
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3624.99	641666	17.09
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3624.99	641666	17.26
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3624.99	641666	17.06
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3624.99	641666	17.29
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3624.99	641666	17.18
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3624.99	641666	17.09
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3624.99	641666	17.42
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3624.99	641666	17.26
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3624.99	641666	17.09
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3624.99	641666	17.16
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3624.99	641666	17.25
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3624.99	641666	17.26
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3624.99	641666	17.09
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3624.99	641666	17.19
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3624.99	641666	17.23
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3624.99	641666	17.24
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3624.99	641666	17.19
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3624.99	641666	17.35
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3624.99	641666	17.22

NR N48 ANT2 DSI2

5G_n48									
No.	Test Freq Description	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3690	646000	19.56
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3624.99	641666	19.68
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3560.01	637334	19.51
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	19.35
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	19.39
6	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	19.41
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3624.99	641666	19.45
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3624.99	641666	19.36
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3624.99	641666	19.41
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3624.99	641666	19.53
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3624.99	641666	19.58
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3624.99	641666	19.55
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3624.99	641666	19.29
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3624.99	641666	19.19
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3624.99	641666	19.24
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3624.99	641666	19.16
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3624.99	641666	19.18
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3624.99	641666	19.23
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3624.99	641666	18.97
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3624.99	641666	19.17
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3624.99	641666	19.25
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3624.99	641666	19.52
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3624.99	641666	19.39
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3624.99	641666	19.47
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3624.99	641666	19.44
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3624.99	641666	19.52
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3624.99	641666	19.39
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3624.99	641666	19.22
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3624.99	641666	19.28
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3624.99	641666	19.35

NR N48 ANT2 DSI3

5G n48									
No.	Test Freq Description	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3690	646000	18.42
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3624.99	641666	18.56
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3560.01	637334	18.55
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	18.29
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	18.37
6	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	18.43
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3624.99	641666	18.25
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3624.99	641666	18.41
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3624.99	641666	18.36
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3624.99	641666	18.29
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3624.99	641666	18.46
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3624.99	641666	18.26
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3624.99	641666	18.19
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3624.99	641666	18.36
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3624.99	641666	18.27
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3624.99	641666	18.35
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3624.99	641666	18.22
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3624.99	641666	18.39
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3624.99	641666	18.34
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3624.99	641666	18.27
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3624.99	641666	18.29
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3624.99	641666	18.36
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3624.99	641666	18.27
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3624.99	641666	18.37
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3624.99	641666	18.45
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3624.99	641666	18.28
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3624.99	641666	18.24
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3624.99	641666	18.35
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3624.99	641666	18.29
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3624.99	641666	18.41

NR N66 ANT2 DSI1

5G n66									
No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	19.77
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	19.80
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	19.78
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	19.75
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	19.78
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	19.77

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	19.75
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.74
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.65
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.49
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	19.70
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.65
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.42
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	19.71
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	19.74
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	19.72
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	19.77
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	19.78
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	19.70
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	19.69
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	19.72
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	19.71
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	19.70
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1745	349000	19.73
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	19.71

NR N66 ANT2 DSI2

5G n66									
No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	22.90
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	22.93
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	22.91
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	22.88
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	22.91
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	22.90

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	22.88
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.90
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.37
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.47
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.50
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.04
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.46
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.40
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	21.84
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	21.82
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.77
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.75
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	22.81
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	22.80
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.83
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	22.84
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	22.82
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	22.81
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1745	349000	22.85
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	22.83

NR N66 ANT2 DSI3

5G n66									
No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	20.84
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	20.87
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	20.85
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	20.82
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	20.85
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	20.84

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	20.82
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	20.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.35
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.57
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	20.76
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	20.73
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.44
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	20.03
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	20
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	19.91
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	19.87
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	20.78
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	20.77
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	19.95
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	20.79
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	20.77
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	20.76
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1745	349000	20.8
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	20.78

NR N66 ENDC ANT2 DSI1

5G n66									
No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	16.22
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	16.24
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	16.21
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	16.20
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	16.22
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	16.18

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	16.20
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	16.19
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	16.12
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.11
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	16.16
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	16.12
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	16.10
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.07
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	16.17
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	16.19
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	16.17
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	16.22
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	16.21
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	16.16
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	16.15
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	16.14
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	16.17
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	16.16
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1745	349000	16.18
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	16.19

NR N70 ANT2 DSI1

5G n70

No.	Test Freq Description	5G-n70							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n70
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1707.5	341500	19.98
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1702.5	340500	20.23
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1697.5	339500	20.12
4	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1702.5	340500	20.05

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n70							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n70
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1702.5	340500	19.80
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1702.5	340500	19.86
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1702.5	340500	19.85
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1702.5	340500	18.40
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1702.5	340500	19.99
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1702.5	340500	20.01
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1702.5	340500	19.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1702.5	340500	16.36
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1702.5	340500	19.85
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1702.5	340500	19.81
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1702.5	340500	19.76
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1702.5	340500	19.73
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1702.5	340500	19.77
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1702.5	340500	19.75
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1702.5	340500	19.82
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1702.5	340500	19.77

NR N70 ANT2 DSI2

5G n70

No.	Test Freq Description	5G-n70							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n70
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1707.5	341500	23.07
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1702.5	340500	23.12
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1697.5	339500	23.08
4	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1702.5	340500	22.97

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n70							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n70
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1702.5	340500	22.83
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1702.5	340500	21.86
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1702.5	340500	20.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1702.5	340500	18.33
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1702.5	340500	21.55
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1702.5	340500	21.04
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1702.5	340500	19.40
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1702.5	340500	16.30
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1702.5	340500	21.83
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1702.5	340500	21.80
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1702.5	340500	21.75
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1702.5	340500	21.74
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1702.5	340500	22.79
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1702.5	340500	22.78
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1702.5	340500	21.82

NR N70 ANT2 DSI3

5G n70									
No.	Test Freq Description	5G-n70							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n70
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1707.5	341500	21.05
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1702.5	340500	21.18
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1697.5	339500	20.91
4	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1702.5	340500	20.89

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n70							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n70
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1702.5	340500	20.81
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1702.5	340500	20.87
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1702.5	340500	20.35
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1702.5	340500	18.38
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1702.5	340500	21.02
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1702.5	340500	21.05
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1702.5	340500	19.48
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1702.5	340500	16.34
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1702.5	340500	20.87
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1702.5	340500	20.83
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1702.5	340500	20.77
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1702.5	340500	20.73
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1702.5	340500	20.78
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1702.5	340500	20.77
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1702.5	340500	20.84
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1702.5	340500	20.77

NR N71 ANT0 DSI1/2/3

5G n71									
No.	Test Freq Description	5G-n71							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n28
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	24.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	24.27
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	24.15
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	688	137600	23.95
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	23.93
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	673	134600	24.02

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n71							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	24.21
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	23.00
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	21.54
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	19.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	22.72
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	22.32
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	20.69
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	17.53
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	22.95
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	22.93
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	22.85
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	22.86
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	24.00
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	23.87
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	22.94
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	23.88
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	23.99
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	680.5	136100	23.98
19	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	680.5	136100	23.96

NR N77-L ANT2 DSI1

5G_n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	17.74
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17.89
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	17.72
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	17.57
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	17.75

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	17.75
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17.73
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	17.74
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.76
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17.80
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17.77
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	17.76
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.76
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	17.52
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	17.57
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	17.44
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	17.52
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	17.67
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	17.50
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	17.43
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	17.72
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	17.74
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	17.72
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	17.76
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	17.82
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	17.85
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	17.72
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	17.79
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	17.65
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	17.69

NR N77-L ANT2 DSI2

5G n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	19.46
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.58
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	19.44
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	19.27
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	19.46
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	19.47
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.44
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.46
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.48
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.54
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.52
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.48
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.49
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	19.21
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	19.26
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	19.12
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	19.21
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.38
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	19.19
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.11
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	19.43
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	19.45
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	19.57
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	19.56
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	19.54
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	19.57
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	19.43
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	19.42
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	19.35
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	19.40

NR N77-L ANT2 DSI3

5G n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	18.77
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.90
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	18.72
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	18.75
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.79
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	18.75
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	18.73
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	18.75
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	18.77
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.85
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	18.80
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	18.77
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	18.83
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	18.51
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	18.56
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	18.43
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	18.51
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	18.67
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	18.49
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	18.42
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	18.72
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	18.74
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	18.79
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	18.76
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	18.83
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	18.86
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	18.72
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	18.74
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	18.65
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	18.69

NR N77-L ENDC ANT2 DSI3

5G_n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	16.54
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.55
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	16.38
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	16.52
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	16.54
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	16.51
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.51
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.48
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	16.52
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.53
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.53
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.43
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	16.52
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	16.51
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	16.47
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	16.54
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	16.50
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	16.50
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	16.45
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	16.49
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	16.51
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	16.53
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	16.51
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	16.53
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	16.52
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	16.54
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	16.46
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	16.48
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	16.49
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	16.52

NR N77-H ANT2 DSI1

5G_n77								
No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	17.61
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	17.27
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	17.27
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	17.69
5	Middle-4	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	17.67
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	17.48
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	17.37
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	17.30
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	17.42
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.83
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	17.78
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	17.83
According to the table above, the maximum power configuration is selected as the default test configuration								

No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	Middle-3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3822.000	17.70
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	17.70
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	17.72
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	17.74
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	17.75
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	17.74
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	17.72
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	17.73
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	17.15
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	17.68
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	17.15
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	17.65
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	17.56
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	17.68
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	17.18
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.16
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.21
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.23
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.28
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.31
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.30
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.26
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.22
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.28
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.29

NR N77-H ANT2 DSI2

5G n77								
No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	19.36
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	19.25
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	19.26
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	19.73
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	19.70
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	19.48
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	19.63
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	19.29
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	19.43
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.98
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	19.83
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	19.88
According to the table above, the maximum power configuration is selected as the default test configuration								

No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	Middle-3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3822.000	19.73
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	19.73
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	19.75
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	19.78
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	19.78
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	19.77
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	19.75
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	19.77
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	19.11
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	19.71
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	19.11
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	19.68
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	19.57
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	19.71
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	19.15
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.21
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.26
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.22
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.32
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.30
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.29
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.24
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.25
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.26
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	19.27

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5G_n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	664666	18.38
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	661200	18.27
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	657733	18.28
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	654267	18.72
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	650800	18.70
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	647334	18.49
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	662000	18.63
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	659600	18.30
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	657200	18.44
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.87
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	652400	18.82
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	650000	18.86
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle-3	30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3822.000	654800	18.73
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	654800	18.73
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	654800	18.75
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	654800	18.77
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.78
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	654800	18.77
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	654800	18.75
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	654800	18.76
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	654800	18.14
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	654800	18.71
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	654800	18.14
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	654800	18.67
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	654800	18.58
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	654800	18.71
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	654800	18.18
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.23
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.34
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.25
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.37
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.31
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.31
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.26
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.31
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.28
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	654800	18.29

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5G n77								
No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	16.61
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	16.48
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	16.65
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	16.96
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	16.80
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	16.34
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	16.51
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	16.58
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	16.79
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.97
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	16.92
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	16.77
According to the table above, the maximum power configuration is selected as the default test configuration								

No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	Middle-3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3822.000	16.94
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	16.90
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	16.91
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	16.93
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	16.92
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	16.92
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	16.92
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	16.94
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	16.45
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	16.66
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	16.84
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	16.93
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	16.90
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	16.94
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	16.86
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.87
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.99
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.95
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.04
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.93
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.95
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.91
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.97
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.94
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	16.93

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5G n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	16.89
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.99
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	16.91
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	16.89
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	16.98

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	16.91
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.93
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.95
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	16.89
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.98
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.97
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.94
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	16.96
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	16.65
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	16.86
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	16.59
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	16.80
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	16.90
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	16.78
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	16.58
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	16.83
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	16.89
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	16.87
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	16.83
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	16.95
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	16.97
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	16.91
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	16.89
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	16.90
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	16.91

NR N77-L ANT6 DSI2

5G n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	19.67
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.89
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	19.60
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	19.58
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	19.87
According to the table above, the maximum power configuration is selected as the default test configuration									

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	25@12	3500.01	633334	19.60
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.63
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.65
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.70
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.69
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.68
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.64
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.66
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	19.30
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	19.54
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	19.23
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	19.47
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.59
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	19.46
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.22
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	19.50
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	19.57
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	19.48
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	19.46
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	19.65
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	19.69
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	19.60
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	19.58
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	19.59
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	19.60

NR N77-L ANT6 DSI3

5G_n77									
No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	17.89
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17.99
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	17.90
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	17.78
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	17.98

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n77							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	17.90
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17.92
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	17.94
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.97
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17.98
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17.97
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	17.93
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.96
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	3500.01	633334	17.62
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3500.01	633334	17.85
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	3500.01	633334	17.56
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3500.01	633334	17.78
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	17.89
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	17.77
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	17.55
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	17.81
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	1@1	3500.01	633334	17.88
18	Middle-5	30	25	DFT-s-OFDM QPSK	Inner_Full	32@16	3500.01	633334	17.87
19	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	3500.01	633334	17.84
20	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	17.95
21	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	17.98
22	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	17.90
23	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	3500.01	633334	17.85
24	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	17.89
25	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	17.90

NR N77-H ANT6 DSI1

5G n77								
No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	17.37
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	17.37
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	17.41
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	17.32
5	Middle-4	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	17.31
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	16.63
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	17.36
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	17.41
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	17.41
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.74
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	17.14
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	16.88
According to the table above, the maximum power configuration is selected as the default test configuration								

No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	Middle-3	30	100	)FT-s-OFDM PI/2 BPSK	Inner_Full	135@67	3822.000	17.36
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	17.41
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	17.42
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	17.42
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	17.50
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	17.48
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	17.38
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	17.39
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	17.26
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	17.24
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	17.44
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	17.51
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	17.39
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	17.41
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	17.46
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.47
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.52
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.53
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.49
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.49
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.48
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.62
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.68
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.43
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	17.44

NR N77-H ANT6 DSI2

5G n77								
No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	20.40
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	20.40
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	20.46
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	20.34
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	20.33
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	19.54
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	20.39
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	20.44
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	20.45
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.89
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	20.13
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	19.83
According to the table above, the maximum power configuration is selected as the default test configuration								

No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	Middle-3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3822.000	20.39
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	20.45
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	20.46
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	20.47
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	20.57
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	20.53
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	20.42
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	20.43
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	20.28
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	20.26
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	20.49
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	20.57
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	20.43
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	20.45
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	20.51
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.48
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.46
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.49
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.52
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.54
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.53
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.74
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.56
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.47
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	20.49

NR N77-H ANT6 DSI3

5G n77								
No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3969.990	18.45
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3918.000	18.44
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3866.000	18.50
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3814.000	18.39
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3762.000	18.38
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3710.010	17.67
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3930.000	18.43
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3894.000	18.49
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3858.000	18.49
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.79
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3786.000	18.20
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750.000	17.93
According to the table above, the maximum power configuration is selected as the default test configuration								

No.	Test Freq Description	5G-n77						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	n77
1	Middle-3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135@67	3822.000	18.44
2	Middle-3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	3822.000	18.49
3	Middle-3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	3822.000	18.50
4	Middle-3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	3822.000	18.51
5	Middle-3	30	100	CP-OFDM QPSK	Inner_Full	135@67	3822.000	18.57
6	Middle-3	30	100	CP-OFDM 16QAM	Inner_Full	135@67	3822.000	18.56
7	Middle-3	30	100	CP-OFDM 64QAM	Inner_Full	135@67	3822.000	18.46
8	Middle-3	30	100	CP-OFDM 256QAM	Inner_Full	135@67	3822.000	18.47
9	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	3822.000	18.33
10	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3822.000	18.31
11	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	3822.000	18.52
12	Middle-3	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3822.000	18.60
13	Middle-3	30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	3822.000	18.47
14	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3822.000	18.49
15	Middle-3	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	1@272	3822.000	18.54
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.57
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.62
18	Middle-1	30	25	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.64
19	Middle-1	30	30	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.58
20	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.58
21	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.57
22	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.63
23	Middle-1	30	70	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.59
24	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.51
25	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	135@67	3822.000	18.52

11.5 Wi-Fi and BT Measurement result

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, n, ac then ax) is selected. Therefore the SAR measurements performed for the 802.11n/ac modes, as the lowest order modulation, cover 802.11ax modes.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR

measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.
According to KDB 248227 D01, simultaneous SAR provisions in KDB 447498 D01 apply to determine simultaneous transmission SAR test exclusion for Wi-Fi MIMO. If the sum of 1-g single transmission chain SAR measurements is<1.6W/kg and/or the MIMO output power is equal or less than a single chain, then no additional SAR measurements for simultaneously at the specified maximum output power of MIMO operation.
When antennas are spatially separated to the extent that SAR distributions do not overlap and can be treated independently, SAR compliance for simultaneous transmission is determined separately for each individual antenna.

Antenna	SET_0	SET_1	SET_2	SET_3	SET_4
WiFi antenna	receiver on, cellular TX off	receiver off, cellular TX off	receiver on, cellular TX on	receiver off, cellular TX on, hotspot on	receiver off, cellular TX on, hotspot off

The maximum output power(Tune-up Limit)

SET_0

802.11b

Channel\ rate	1Mbps	2Mbps	5.5Mbps	11Mbps
	dBm	dBm	dBm	dBm
1	17.5+/-1	17.5+/-1	17.5+/-1	17.5+/-1
6	17.5+/-1	17.5+/-1	17.5+/-1	17.5+/-1
11	17.5+/-1	17.5+/-1	17.5+/-1	17.5+/-1

802.11g

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1
6	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1
11	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1

802.11n-20M

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1
6	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1
11	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1	16.5+/-1

802.11n-40M

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
3	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1
6	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1
11	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1

SET_1

802.11b

Channel\ rate	1Mbps	2Mbps	5.5Mbps	11Mbps
	dBm	dBm	dBm	dBm
1	19.5+/-1	19.5+/-1	19.5+/-1	19.5+/-1
6	19.5+/-1	19.5+/-1	19.5+/-1	19.5+/-1
11	19.5+/-1	19.5+/-1	19.5+/-1	19.5+/-1

802.11g

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	18.5+/-1	18.5+/-1	16+/-1	16+/-1	16+/-1	16+/-1	16+/-1	16+/-1
6	18.5+/-1	18.5+/-1	16+/-1	16+/-1	16+/-1	16+/-1	16+/-1	16+/-1
11	18.5+/-1	18.5+/-1	16+/-1	16+/-1	16+/-1	16+/-1	16+/-1	16+/-1

802.11n-20M

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	18.5+/-1	18.5+/-1	17.5+/-1	17.5+/-1	16+/-1	16+/-1	16+/-1	16+/-1
6	18.5+/-1	18.5+/-1	17.5+/-1	17.5+/-1	16+/-1	16+/-1	16+/-1	16+/-1
11	18.5+/-1	18.5+/-1	17.5+/-1	17.5+/-1	16+/-1	16+/-1	16+/-1	16+/-1

802.11n-40M

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
3	15.5+/-1	15.5+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1
6	15.5+/-1	15.5+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1
11	15.5+/-1	15.5+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1

SET_2

802.11b

Channel\	1Mbps	2Mbps	5.5Mbps	11Mbps
	dBm	dBm	dBm	dBm
1	10.5+/-1	10.5+/-1	10.5+/-1	10.5+/-1
6	10.5+/-1	10.5+/-1	10.5+/-1	10.5+/-1
11	10.5+/-1	10.5+/-1	10.5+/-1	10.5+/-1

802.11g

Channel\	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
6	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
11	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1

802.11n-20M

Channel\	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
6	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
11	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1

802.11n-40M

Channel\	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
3	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1
6	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1
11	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1

SET_3

802.11b

Channel\	1Mbps	2Mbps	5.5Mbps	11Mbps
	dBm	dBm	dBm	dBm
1	14.8+/-1	14.8+/-1	14.8+/-1	14.8+/-1
6	14.8+/-1	14.8+/-1	14.8+/-1	14.8+/-1
11	14.8+/-1	14.8+/-1	14.8+/-1	14.8+/-1

802.11g

Channel\	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1
6	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1
11	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1	13.8+/-1

802.11n-20M

Channel\	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1
6	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1
11	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1	13.5+/-1

802.11n-40M

Channel\	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
3	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
6	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
11	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1

SET_4

802.11b

Channel\ rate	1Mbps	2Mbps	5.5Mbps	11Mbps
	dBm	dBm	dBm	dBm
1	11.5+/-1	11.5+/-1	11.5+/-1	11.5+/-1
6	11.5+/-1	11.5+/-1	11.5+/-1	11.5+/-1
11	11.5+/-1	11.5+/-1	11.5+/-1	11.5+/-1

802.11g

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
6	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
11	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1

802.11n-20M

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
6	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
11	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1

802.11n-40M

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
3	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
6	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
11	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1

SET_0

5G-802.11a

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-48	14.5+/-1	14+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
52-64	14.5+/-1	14+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
100-144	14.5+/-1	14+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
149-165	14.5+/-1	14+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1

5G-802.11n 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-48	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
52-64	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
100-144	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
149-165	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1

5G-802.11n 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-46	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
54--62	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
102-142	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
151-159	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1

5G-802.11ac 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-48	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
52-64	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
100-144	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
149-165	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1

5G-802.11ac 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-46	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
54--62	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
102-142	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1
151-159	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1	12.5+/-1

5G-802.11ac 80MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
42	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1
58	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1
106-138	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1
155	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1

SET_1

5G-802.11a

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-48	18.5+/-1	18+/-1	16.5+/-1	16.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1
52-64	18.5+/-1	18+/-1	16.5+/-1	16.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1
100-144	18.5+/-1	18+/-1	16.5+/-1	16.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1
149-165	18.5+/-1	18+/-1	16.5+/-1	16.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1	15.5+/-1

5G-802.11n 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-48	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1
52-64	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1
100-144	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1
149-165	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1

5G-802.11n 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-46	16.5+/-1	15.5+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1
54--62	16.5+/-1	15.5+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1
102-142	16.5+/-1	15.5+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1
151-159	16.5+/-1	15.5+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1

5G-802.11ac 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-48	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1
52-64	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1
100-144	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1
149-165	18.5+/-1	17+/-1	16+/-1	16+/-1	15+/-1	15+/-1	15+/-1	15+/-1	15+/-1

5G-802.11ac 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-46	16.5+/-1	16+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1	12+/-1	12+/-1
54--62	16.5+/-1	16+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1	12+/-1	12+/-1
102-142	16.5+/-1	16+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1	12+/-1	12+/-1
151-159	16.5+/-1	16+/-1	14+/-1	14+/-1	14+/-1	14+/-1	13+/-1	13+/-1	12+/-1	12+/-1

5G-802.11ac 80MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
42	16+/-1	15+/-1	13+/-1	13+/-1	12+/-1	12+/-1	12+/-1	12+/-1	11+/-1	11+/-1
58	16+/-1	15+/-1	13+/-1	13+/-1	12+/-1	12+/-1	12+/-1	12+/-1	11+/-1	11+/-1
106-138	16+/-1	15+/-1	13+/-1	13+/-1	12+/-1	12+/-1	12+/-1	12+/-1	11+/-1	11+/-1
155	16+/-1	15+/-1	13+/-1	13+/-1	12+/-1	12+/-1	12+/-1	12+/-1	11+/-1	11+/-1

SET_2

5G-802.11a

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-165	10+/-1	9.5+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11n 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-144	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11n 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-142	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11ac 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-144	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11ac 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-142	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11ac 80MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
42-138	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

SET_3

5G-802.11a

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-165	13.5+/-1	13+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1	11+/-1

5G-802.11n 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-64	11+/-1	11+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1
100-165	10.4+/-1	10.4+/-1	9.4+/-1	9.4+/-1	9.4+/-1	9.4+/-1	9.4+/-1	9.4+/-1

5G-802.11n 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-142	10+/-1	10+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1

5G-802.11ac 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-144	11+/-1	11+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1	10+/-1

5G-802.11ac 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-142	10+/-1	10+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1	9+/-1

5G-802.11ac 80MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
42-138	10.5+/-1	10.5+/-1	9.5+/-1	9.5+/-1	9.5+/-1	9.5+/-1	9.5+/-1	9.5+/-1	9.5+/-1	9.5+/-1

SET_4

5G-802.11a

Channel\ rate	6Mbps	9Mbps	12Mbps	18Mbps	24Mbps	36Mbps	48Mbps	54Mbps
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-165	11+/-1	10.5+/-1	8.2+/-1	8.2+/-1	8.2+/-1	8.2+/-1	8.2+/-1	8.2+/-1

5G-802.11n 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-144	8+/-1	8+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11n 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-142	7+/-1	7+/-1	6+/-1	6+/-1	6+/-1	6+/-1	6+/-1	6+/-1

5G-802.11ac 20MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
36-144	8+/-1	8+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1	7+/-1

5G-802.11ac 40MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
38-142	7+/-1	7+/-1	6+/-1	6+/-1	6+/-1	6+/-1	6+/-1	6+/-1	6+/-1	6+/-1
151-159	6.5+/-1	6.5+/-1	5.5+/-1	5.5+/-1	5.5+/-1	5.5+/-1	5.5+/-1	5.5+/-1	5.5+/-1	5.5+/-1

5G-802.11ac 80MHZ

Channel\ rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
42-138	7.5+/-1	7.5+/-1	6.5+/-1	6.5+/-1	6.5+/-1	6.5+/-1	6.5+/-1	6.5+/-1	6.5+/-1	6.5+/-1

The average conducted power for Wi-Fi is as following:

FCC			SET0
			Tune up
802.11b	Channel\data rate	1Mbps	
WLAN2450	11(2462MHz)	17.55	**18.5**
	6(2437(MHz)	17.72	**18.5**
	1(2412MHz)	17.94	**18.5**
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	16.37	**17.5**
	6(2437(MHz)	16.60	**17.5**
	1(2412MHz)	16.65	**17.5**
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	16.51	**17.5**
	6(2437(MHz)	16.46	**17.5**
	1(2412MHz)	16.74	**17.5**
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	15.38	**16.5**
	6(2437MHz)	15.25	**16.5**
	3(2422MHz)	15.72	**16.5**
FCC			**SET1**
			Tune up
802.11b	Channel\data rate	1Mbps	
WLAN2450	11(2462MHz)	19.74	**20.5**
	6(2437(MHz)	19.76	**20.5**
	1(2412MHz)	19.77	**20.5**
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	18.39	**19.5**
	6(2437(MHz)	18.46	**19.5**
	1(2412MHz)	18.48	**19.5**
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	18.34	**19.5**
	6(2437(MHz)	18.58	**19.5**
	1(2412MHz)	18.54	**19.5**
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	15.38	**16.5**

	6(2437MHz)	15.25	**16.5**
	3(2422MHz)	15.72	**16.5**
FCC			**SET2**
			Tune up
802.11b	Channel\data rate	1Mbps	
WLAN2450	11(2462MHz)	10.30	**11.5**
	6(2437(MHz)	10.39	**11.5**
	1(2412MHz)	10.42	**11.5**
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	9.78	**11.0**
	6(2437(MHz)	9.98	**11.0**
	1(2412MHz)	9.77	**11.0**
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	10.04	**11.0**
	6(2437(MHz)	9.87	**11.0**
	1(2412MHz)	9.78	**11.0**
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	8.67	**10.0**
	6(2437MHz)	8.66	**10.0**
	3(2422MHz)	8.76	**10.0**
FCC			**SET3**
			Tune up
802.11b	Channel\data rate	1Mbps	
WLAN2450	11(2462MHz)	14.33	**15.8**
	6(2437(MHz)	14.35	**15.8**
	1(2412MHz)	14.38	**15.8**
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	13.55	**14.8**
	6(2437(MHz)	13.57	**14.8**
	1(2412MHz)	13.61	**14.8**
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	13.45	**14.5**
	6(2437(MHz)	13.53	**14.5**
	1(2412MHz)	13.62	**14.5**
802.11n-40MHz	Channel\data rate	MCS0	

WLAN2450	9(2452MHz)	12.16	**13.5**
	6(2437MHz)	12.19	**13.5**
	3(2422MHz)	12.35	**13.5**
FCC			**SET4**
			Tune up
802.11b	Channel\data rate	1Mbps	
WLAN2450	11(2462MHz)	11.01	**12.5**
	6(2437(MHz)	11.08	**12.5**
	1(2412MHz)	11.22	**12.5**
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	10.51	**11.0**
	6(2437(MHz)	10.28	**11.0**
	1(2412MHz)	10.36	**11.0**
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	10.26	**11.0**
	6(2437(MHz)	10.60	**11.0**
	1(2412MHz)	10.34	**11.0**
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	9.29	**11.0**
	6(2437MHz)	9.34	**11.0**
	3(2422MHz)	9.57	**11.0**

802.11a(dBm)		**SET0**
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	14.77	**15.5**
40(5200 MHz)	14.96	**15.5**
44(5220 MHz)	14.94	**15.5**
48(5240 MHz)	15.02	**15.5**
52(5260 MHz)	14.86	**15.5**
56(5280 MHz)	14.76	**15.5**
60(5300 MHz)	14.73	**15.5**
64(5320 MHz)	14.73	**15.5**
100(5500 MHz)	15.02	**15.5**
104(5520 MHz)	14.88	**15.5**
108(5540 MHz)	14.41	**15.5**
112(5560 MHz)	14.27	**15.5**
116(5580 MHz)	13.88	**15.5**
120(5600 MHz)	13.65	**15.5**

124(5620 MHz)	14.00	**15.5**
128(5640 MHz)	14.05	**15.5**
132(5660 MHz)	14.39	**15.5**
136(5680 MHz)	14.19	**15.5**
140(5700 MHz)	14.34	**15.5**
144(5720 MHz)	14.37	**15.5**
149(5745 MHz)	14.67	**15.5**
153(5765 MHz)	14.45	**15.5**
157(5785 MHz)	14.47	**15.5**
161(5805 MHz)	14.26	**15.5**
165(5825 MHz)	14.55	**15.5**
802.11a(dBm)		**SET1**
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	18.20	**19.5**
40(5200 MHz)	18.51	**19.5**
44(5220 MHz)	18.60	**19.5**
48(5240 MHz)	18.61	**19.5**
52(5260 MHz)	18.55	**19.5**
56(5280 MHz)	18.45	**19.5**
60(5300 MHz)	18.32	**19.5**
64(5320 MHz)	18.22	**19.5**
100(5500 MHz)	19.13	**19.5**
104(5520 MHz)	19.07	**19.5**
108(5540 MHz)	18.51	**19.5**
112(5560 MHz)	18.31	**19.5**
116(5580 MHz)	17.83	**19.5**
120(5600 MHz)	17.68	**19.5**
124(5620 MHz)	18.06	**19.5**
128(5640 MHz)	17.93	**19.5**
132(5660 MHz)	18.49	**19.5**
136(5680 MHz)	18.56	**19.5**
140(5700 MHz)	18.48	**19.5**
144(5720 MHz)	18.34	**19.5**
149(5745 MHz)	18.75	**19.5**
153(5765 MHz)	18.65	**19.5**
157(5785 MHz)	18.44	**19.5**
161(5805 MHz)	18.36	**19.5**
165(5825 MHz)	18.58	**19.5**
802.11a(dBm)		**SET2**
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	10.57	**11.0**
40(5200 MHz)	10.66	**11.0**

44(5220 MHz)	10.59	**11.0**
48(5240 MHz)	10.85	**11.0**
52(5260 MHz)	10.77	**11.0**
56(5280 MHz)	10.75	**11.0**
60(5300 MHz)	10.67	**11.0**
64(5320 MHz)	10.55	**11.0**
100(5500 MHz)	10.76	**11.0**
104(5520 MHz)	10.66	**11.0**
108(5540 MHz)	10.11	**11.0**
112(5560 MHz)	9.92	**11.0**
116(5580 MHz)	9.46	**11.0**
120(5600 MHz)	9.47	**11.0**
124(5620 MHz)	9.80	**11.0**
128(5640 MHz)	9.77	**11.0**
132(5660 MHz)	10.13	**11.0**
136(5680 MHz)	10.13	**11.0**
140(5700 MHz)	10.14	**11.0**
144(5720 MHz)	10.05	**11.0**
149(5745 MHz)	10.32	**11.0**
153(5765 MHz)	10.17	**11.0**
157(5785 MHz)	9.86	**11.0**
161(5805 MHz)	9.89	**11.0**
165(5825 MHz)	10.05	**11.0**
802.11a(dBm)		**SET3**
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	14.22	**14.5**
40(5200 MHz)	14.30	**14.5**
44(5220 MHz)	14.25	**14.5**
48(5240 MHz)	14.33	**14.5**
52(5260 MHz)	14.05	**14.5**
56(5280 MHz)	14.03	**14.5**
60(5300 MHz)	14.02	**14.5**
64(5320 MHz)	13.84	**14.5**
100(5500 MHz)	14.20	**14.5**
104(5520 MHz)	14.08	**14.5**
108(5540 MHz)	13.61	**14.5**
112(5560 MHz)	13.47	**14.5**
116(5580 MHz)	12.84	**14.5**
120(5600 MHz)	12.86	**14.5**
124(5620 MHz)	13.10	**14.5**
128(5640 MHz)	13.11	**14.5**
132(5660 MHz)	13.44	**14.5**

136(5680 MHz)	13.41	**14.5**
140(5700 MHz)	13.44	**14.5**
144(5720 MHz)	13.56	**14.5**
149(5745 MHz)	13.74	**14.5**
153(5765 MHz)	13.55	**14.5**
157(5785 MHz)	13.31	**14.5**
161(5805 MHz)	13.44	**14.5**
165(5825 MHz)	13.47	**14.5**
802.11a(dBm)		**SET4**
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	11.68	**12.0**
40(5200 MHz)	11.68	**12.0**
44(5220 MHz)	11.66	**12.0**
48(5240 MHz)	11.73	**12.0**
52(5260 MHz)	11.59	**12.0**
56(5280 MHz)	11.42	**12.0**
60(5300 MHz)	11.51	**12.0**
64(5320 MHz)	11.23	**12.0**
100(5500 MHz)	11.55	**12.0**
104(5520 MHz)	11.47	**12.0**
108(5540 MHz)	11.03	**12.0**
112(5560 MHz)	10.94	**12.0**
116(5580 MHz)	10.35	**12.0**
120(5600 MHz)	10.24	**12.0**
124(5620 MHz)	10.47	**12.0**
128(5640 MHz)	10.59	**12.0**
132(5660 MHz)	10.90	**12.0**
136(5680 MHz)	10.86	**12.0**
140(5700 MHz)	10.83	**12.0**
144(5720 MHz)	10.77	**12.0**
149(5745 MHz)	10.95	**12.0**
153(5765 MHz)	10.89	**12.0**
157(5785 MHz)	10.72	**12.0**
161(5805 MHz)	10.73	**12.0**
165(5825 MHz)	10.88	**12.0**

The average conducted power for BT is as following:

BR/EDR									
	GFSK			EDR2M-4_DQPSK			EDR3M-8DPSK		
	Ch0	Ch 39	Ch 78	Ch 0	Ch 39	Ch 78	Ch 0	Ch 39	Ch 78
Maximum Transmit Power(<20dBm)	8.78	9.42	9.20	8.04	8.56	8.35	7.55	7.82	8.10
Tune up	**9.5**	**9.5**	**9.5**	**9**	**9**	**9**	**9**	**9**	**9**

12 Antenna Location

12.1 Transmit Antenna Separation Distances

The detail for transmit antenna separation distances is described in the additional document:
Appendix to test report No. 24T04Z102259-015
The photos of SAR test

12.2 SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR v01, the edges with less than 2.5 cm distance to the antennas need to be tested for SAR.

SAR measurement positions						
Mode	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
ANT0	Yes	Yes	Yes	Yes	Yes	No
ANT1	Yes	Yes	Yes	Yes	No	Yes
ANT2	Yes	Yes	No	Yes	Yes	No
ANT4	Yes	Yes	Yes	No	Yes	No
ANT6	Yes	Yes	Yes	No	Yes	No
ANT7	Yes	Yes	No	Yes	Yes	No

13 SAR Test Result

Note:

KDB 447498 D01 General RF Exposure Guidance:

For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor

For BT/WLAN: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

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

≤ 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

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

KDB 648474 D04 Handset SAR:

With headset attached, when the reported SAR for 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.

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ 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 for LTE Devices:

SAR test reduction is applied using the following criteria:

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.

When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.

Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low,Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.

Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.

Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is <1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the

group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions.An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

To determine the initial test position, Area Scans were performed to determine the position with the Maximum Value of SAR (measured). The position that produced the highest Maximum Value of SAR is considered the worst case position; thus used as the initial test position.

The multiple test positions require SAR measurements in head, hotspot mode or UMPC mini-tablet configurations may be reduced according to the highest reported SAR determined using the initial test position(s) by applying the DSSS or OFDM SAR measurement procedures in the required wireless mode test configuration(s). The initial test position(s) is measured using the highest measured maximum output power channel in the required wireless mode test configuration(s).

When the reported SAR for the initial test position is:

≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.

> 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions are tested.

- For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
- When it is unclear, all equivalent conditions must be tested.

For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required test channels are considered.

- The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.

When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR

with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS&EGPRS 1 Slot	1:8.3
GPRS&EGPRS 2 Slot	1:4
GPRS&EGPRS 3 Slot	1:2.67
GPRS&EGPRS 4 Slot	1:2
WCDMA&LTE FDD	1:1
LTE TDD PC3	1:1.58
LTE TDD PC2	1:2.309

Ambient Temperature: 21.5-23.5 ℃ Liquid Temperature: 21.5-23.5 ℃

13.1 SAR results for Cellular

S:SIM2 B：2rd battery

2/3/4G

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	1	Head	GSM850	190	836.6	GPRS(4TX)	Left Cheek	0mm	\	27.26	29.00	0.523	**0.78**	0.248	**0.37**	0.19
0	1	Head	GSM850	190	836.6	GPRS(4TX)	Left Tilt	0mm	\	27.26	29.00	0.558	**0.83**	0.241	**0.36**	0.15
0	1	Head	GSM850	190	836.6	GPRS(4TX)	Right Cheek	0mm	\	27.26	29.00	0.583	**0.87**	0.268	**0.40**	0.04
0	1	Head	GSM850	251	848.8	GPRS(4TX)	Right Tilt	0mm	\	27.82	29.00	0.515	**0.68**	0.206	**0.27**	-0.07
0	1	Head	GSM850	190	836.6	GPRS(4TX)	Right Tilt	0mm	\	27.26	29.00	0.665	**0.99**	0.281	**0.42**	0.11
0	1	Head	GSM850	128	824.2	GPRS(4TX)	Right Tilt	0mm	F.1	27.52	29.00	0.924	**1.30**	0.385	**0.54**	-0.13
0	1	Head	GSM850	128	824.2	EGPRS(4TX)	Right Tilt	0mm	\	27.54	29.00	0.647	**0.91**	0.269	**0.38**	-0.13
0	1	Head	GSM850	128	824.2	GPRS(4TX)	Right Tilt	0mm	B	27.52	29.00	0.826	**1.16**	0.254	**0.36**	-0.01
0	1	Head	GSM850	128	824.2	GPRS(4TX)	Right Tilt	0mm	S	27.52	29.00	0.817	**1.15**	0.276	**0.39**	0.12
0	2/3	Body	GSM850	190	836.6	GPRS(4TX)	Front	10mm	\	27.26	29.00	0.230	**0.34**	0.140	**0.21**	-0.02
0	2/3	Body	GSM850	251	848.8	GPRS(4TX)	Rear	10mm	\	27.82	29.00	0.277	**0.36**	0.156	**0.20**	0.11
0	2/3	Body	GSM850	190	836.6	GPRS(4TX)	Rear	10mm	\	27.26	29.00	0.363	**0.54**	0.207	**0.31**	-0.03
0	2/3	Body	GSM850	128	824.2	GPRS(4TX)	Rear	10mm	F.2	27.52	29.00	0.445	**0.63**	0.256	**0.36**	-0.06
0	2/3	Body	GSM850	190	836.6	GPRS(4TX)	Left	10mm	\	27.26	29.00	0.188	**0.28**	0.124	**0.19**	0.07
0	2/3	Body	GSM850	190	836.6	GPRS(4TX)	Right	10mm	\	27.26	29.00	0.083	**0.12**	0.058	**0.09**	0.20
0	2/3	Body	GSM850	190	836.6	GPRS(4TX)	Top	10mm	\	27.26	29.00	0.298	**0.44**	0.156	**0.23**	0.15
0	2/3	Body	GSM850	128	824.2	EGPRS(4TX)	Rear	10mm	\	27.54	29.00	0.437	**0.61**	0.252	**0.35**	-0.07
2	1	Head	GSM1900	810	1909.8	GPRS(3TX)	Left Cheek	0mm	\	25.40	26.00	0.510	**0.59**	0.269	**0.31**	-0.07
2	1	Head	GSM1900	661	1880	GPRS(3TX)	Left Cheek	0mm	\	25.51	26.00	0.517	**0.58**	0.271	**0.30**	0.19
2	1	Head	GSM1900	512	1850.2	GPRS(3TX)	Left Cheek	0mm	F.3	25.39	26.00	0.574	**0.66**	0.304	**0.35**	-0.02
2	1	Head	GSM1900	661	1880	GPRS(3TX)	Left Tilt	0mm	\	25.51	26.00	0.371	**0.42**	0.177	**0.20**	-0.17
2	1	Head	GSM1900	661	1880	GPRS(3TX)	Right Cheek	0mm	\	25.51	26.00	0.195	**0.22**	0.115	**0.13**	-0.08
2	1	Head	GSM1900	661	1880	GPRS(3TX)	Right Tilt	0mm	\	25.51	26.00	0.155	**0.17**	0.079	**0.09**	0.16
2	1	Head	GSM1900	512	1850.2	EGPRS(3TX)	Left Cheek	0mm	\	25.46	26.00	0.481	**0.54**	0.251	**0.28**	0.05
2	2/3	Body	GSM1900	661	1880	GPRS(4TX)	Front	10mm	\	25.71	26.50	0.100	**0.12**	0.062	**0.07**	-0.07
2	2/3	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	10mm	\	25.74	26.50	0.203	**0.24**	0.105	**0.13**	0.01
2	2/3	Body	GSM1900	661	1880	GPRS(4TX)	Rear	10mm	F.4	25.71	26.50	0.334	**0.40**	0.189	**0.23**	-0.04
2	2/3	Body	GSM1900	512	1850.2	GPRS(4TX)	Rear	10mm	\	25.66	26.50	0.263	**0.32**	0.144	**0.17**	0.17
2	2/3	Body	GSM1900	661	1880	GPRS(4TX)	Right	10mm	\	25.71	26.50	0.179	**0.21**	0.102	**0.12**	-0.03
2	2/3	Body	GSM1900	661	1880	GPRS(4TX)	Top	10mm	\	25.71	26.50	0.068	**0.08**	0.039	**0.05**	0.02
2	2/3	Body	GSM1900	661	1880	EGPRS(4TX)	Rear	10mm	\	25.67	26.50	0.244	**0.30**	0.131	**0.16**	-0.10
2	1	Head	WCDMA1900	9538	1907.6	RMC	Left Cheek	0mm	\	18.61	20.00	0.277	**0.38**	0.154	**0.21**	-0.17
2	1	Head	WCDMA1900	9400	1880	RMC	Left Cheek	0mm	F.5	18.69	20.00	0.292	**0.39**	0.169	**0.23**	0.06
2	1	Head	WCDMA1900	9262	1852.4	RMC	Left Cheek	0mm	\	18.24	20.00	0.260	**0.39**	0.148	**0.22**	0.15
2	1	Head	WCDMA1900	9400	1880	RMC	Left Tilt	0mm	\	18.69	20.00	0.151	**0.20**	0.080	**0.11**	0.17
2	1	Head	WCDMA1900	9400	1880	RMC	Right Cheek	0mm	\	18.69	20.00	0.110	**0.15**	0.069	**0.09**	0.20
2	1	Head	WCDMA1900	9400	1880	RMC	Right Tilt	0mm	\	18.69	20.00	0.094	**0.13**	0.054	**0.07**	-0.16
2	2/3	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	21.98	23.00	0.245	**0.31**	0.145	**0.18**	0.06
2	2/3	Body	WCDMA1900	9538	1907.6	RMC	Rear	10mm	F.6	21.83	23.00	0.554	**0.73**	0.296	**0.39**	-0.09
2	2/3	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	21.98	23.00	0.459	**0.58**	0.256	**0.32**	0.06
2	2/3	Body	WCDMA1900	9262	1852.4	RMC	Rear	10mm	\	21.76	23.00	0.491	**0.65**	0.276	**0.37**	-0.02
2	2/3	Body	WCDMA1900	9400	1880	RMC	Right	10mm	\	21.98	23.00	0.359	**0.45**	0.186	**0.24**	-0.01
2	2/3	Body	WCDMA1900	9400	1880	RMC	Top	10mm	\	21.98	23.00	0.151	**0.19**	0.086	**0.11**	0.04
2	1	Head	WCDMA1700	1513	1752.6	RMC	Left Cheek	0mm	\	19.74	21.50	0.405	**0.61**	0.217	**0.33**	-0.11
2	1	Head	WCDMA1700	1412	1732.5	RMC	Left Cheek	0mm	\	19.93	21.50	0.414	**0.59**	0.216	**0.31**	-0.05
2	1	Head	WCDMA1700	1312	1712.4	RMC	Left Cheek	0mm	F.7	19.61	21.50	0.428	**0.66**	0.241	**0.37**	0.14
2	1	Head	WCDMA1700	1412	1732.5	RMC	Left Tilt	0mm	\	19.93	21.50	0.237	**0.34**	0.122	**0.18**	0.14
2	1	Head	WCDMA1700	1412	1732.5	RMC	Right Cheek	0mm	\	19.93	21.50	0.204	**0.29**	0.125	**0.18**	0.13
2	1	Head	WCDMA1700	1412	1732.5	RMC	Right Tilt	0mm	\	19.93	21.50	0.139	**0.20**	0.081	**0.12**	-0.13
2	2/3	Body	WCDMA1700	1412	1732.5	RMC	Front	10mm	\	22.79	23.50	0.294	**0.35**	0.181	**0.21**	-0.07
2	2/3	Body	WCDMA1700	1513	1752.6	RMC	Rear	10mm	\	22.63	23.50	0.377	**0.46**	0.200	**0.24**	0.06
2	2/3	Body	WCDMA1700	1412	1732.5	RMC	Rear	10mm	\	22.79	23.50	0.338	**0.40**	0.201	**0.24**	0.11
2	2/3	Body	WCDMA1700	1312	1712.4	RMC	Rear	10mm	F.8	22.20	23.50	0.484	**0.65**	0.259	**0.35**	0.08
2	2/3	Body	WCDMA1700	1412	1732.5	RMC	Right	10mm	\	22.79	23.50	0.330	**0.39**	0.180	**0.21**	-0.05
2	2/3	Body	WCDMA1700	1412	1732.5	RMC	Top	10mm	\	22.79	23.50	0.165	**0.19**	0.093	**0.11**	0.14
0	1	Head	WCDMA 850	4183	836.6	RMC	Left Cheek	0mm	\	22.31	23.50	0.253	**0.33**	0.147	**0.19**	-0.16
0	1	Head	WCDMA 850	4183	836.6	RMC	Left Tilt	0mm	\	22.31	23.50	0.281	**0.37**	0.152	**0.20**	0.00
0	1	Head	WCDMA 850	4183	836.6	RMC	Right Cheek	0mm	\	22.31	23.50	0.318	**0.42**	0.180	**0.24**	-0.02
0	1	Head	WCDMA 850	4233	846.6	RMC	Right Tilt	0mm	\	21.97	23.50	0.352	**0.50**	0.185	**0.26**	0.13
0	1	Head	WCDMA 850	4183	836.6	RMC	Right Tilt	0mm	\	22.31	23.50	0.368	**0.48**	0.194	**0.26**	-0.04
0	1	Head	WCDMA 850	4132	826.4	RMC	Right Tilt	0mm	F.9	21.87	23.50	0.427	**0.62**	0.225	**0.33**	0.14
0	2/3	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	\	22.31	23.50	0.196	**0.26**	0.114	**0.15**	-0.02
0	2/3	Body	WCDMA 850	4233	846.6	RMC	Rear	10mm	\	21.97	23.50	0.269	**0.38**	0.152	**0.22**	-0.18
0	2/3	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	\	22.31	23.50	0.295	**0.39**	0.167	**0.22**	-0.13
0	2/3	Body	WCDMA 850	4132	826.4	RMC	Rear	10mm	F.10	21.87	23.50	0.306	**0.45**	0.174	**0.25**	-0.01
0	2/3	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	\	22.31	23.50	0.145	**0.19**	0.096	**0.13**	-0.13
0	2/3	Body	WCDMA 850	4183	836.6	RMC	Right	10mm	\	22.31	23.50	0.071	**0.09**	0.047	**0.06**	-0.10
0	2/3	Body	WCDMA 850	4183	836.6	RMC	Top	10mm	\	22.31	23.50	0.245	**0.32**	0.123	**0.16**	-0.14

2	1	Head	LTE Band2	18900	1880	1RB-Middle	Left Cheek	0mm	F.11	19.15	19.50	0.472	**0.51**	0.270	**0.29**	0.17
2	1	Head	LTE Band2	18900	1880	1RB-Middle	Left Tilt	0mm	\	19.15	19.50	0.256	**0.28**	0.140	**0.15**	0.03
2	1	Head	LTE Band2	18900	1880	1RB-Middle	Right Cheek	0mm	\	19.15	19.50	0.158	**0.17**	0.104	**0.11**	-0.13
2	1	Head	LTE Band2	18900	1880	1RB-Middle	Right Tilt	0mm	\	19.15	19.50	0.119	**0.13**	0.070	**0.08**	0.15
2	1	Head	LTE Band2	18900	1880	50RB-Middle	Left Cheek	0mm	\	19.22	19.50	0.463	**0.49**	0.263	**0.28**	-0.15
2	1	Head	LTE Band2	18900	1880	50RB-Middle	Left Tilt	0mm	\	19.22	19.50	0.253	**0.27**	0.139	**0.15**	0.18
2	1	Head	LTE Band2	18900	1880	50RB-Middle	Right Cheek	0mm	\	19.22	19.50	0.155	**0.17**	0.103	**0.11**	0.04
2	1	Head	LTE Band2	18900	1880	50RB-Middle	Right Tilt	0mm	\	19.22	19.50	0.116	**0.12**	0.067	**0.07**	-0.12
2	3	Body	LTE Band2	18900	1880	1RB-Middle	Front	10mm	\	22.35	22.50	0.264	**0.27**	0.178	**0.18**	-0.16
2	3	Body	LTE Band2	18900	1880	1RB-Middle	Rear	10mm	\	22.35	22.50	0.514	**0.53**	0.303	**0.31**	-0.01
2	3	Body	LTE Band2	18900	1880	1RB-Middle	Right	10mm	\	22.35	22.50	0.382	**0.40**	0.220	**0.23**	-0.11
2	3	Body	LTE Band2	18900	1880	1RB-Middle	Top	10mm	\	22.35	22.50	0.163	**0.17**	0.104	**0.11**	-0.15
2	3	Body	LTE Band2	18900	1880	50RB-Middle	Front	10mm	\	22.33	22.50	0.267	**0.28**	0.179	**0.19**	0.13
2	3	Body	LTE Band2	18900	1880	50RB-Middle	Rear	10mm	\	22.33	22.50	0.476	**0.50**	0.273	**0.28**	0.06
2	3	Body	LTE Band2	18900	1880	50RB-Middle	Right	10mm	\	22.33	22.50	0.359	**0.37**	0.207	**0.22**	0.05
2	3	Body	LTE Band2	18900	1880	50RB-Middle	Top	10mm	\	22.33	22.50	0.126	**0.13**	0.082	**0.09**	-0.17
2	2	Body	LTE Band2	18900	1880	1RB-Middle	Front	15mm	\	23.27	23.50	0.219	**0.23**	0.146	**0.15**	0.14
2	2	Body	LTE Band2	18900	1880	1RB-Middle	Rear	15mm	\	23.27	23.50	0.387	**0.41**	0.235	**0.25**	0.05
2	2	Body	LTE Band2	18900	1880	50RB-Middle	Front	15mm	\	23.28	23.50	0.218	**0.23**	0.145	**0.15**	0.17
2	2	Body	LTE Band2	18900	1880	50RB-Middle	Rear	15mm	\	23.28	23.50	0.364	**0.38**	0.226	**0.24**	0.01
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Left Cheek	0mm	\	16.93	17.50	0.291	**0.33**	0.168	**0.19**	0.08
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Left Tilt	0mm	\	16.93	17.50	0.175	**0.20**	0.096	**0.11**	-0.18
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Right Cheek	0mm	\	16.93	17.50	0.107	**0.12**	0.070	**0.08**	-0.06
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Right Tilt	0mm	\	16.93	17.50	0.081	**0.09**	0.049	**0.06**	-0.07
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Left Cheek	0mm	\	16.91	17.50	0.274	**0.31**	0.158	**0.18**	0.13
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Left Tilt	0mm	\	16.91	17.50	0.175	**0.20**	0.095	**0.11**	0.20
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Right Cheek	0mm	\	16.91	17.50	0.108	**0.12**	0.070	**0.08**	0.04
2	1	Head	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Right Tilt	0mm	\	16.91	17.50	0.084	**0.10**	0.051	**0.06**	-0.15
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Front	10mm	\	20.96	21.50	0.220	**0.25**	0.148	**0.17**	0.00
2	3	Body	LTE Band2-ENDC/ULCA	19100	1900	1RB-Middle	Rear	10mm	\	20.96	21.50	0.363	**0.41**	0.216	**0.24**	-0.13
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Rear	10mm	\	20.96	21.50	0.347	**0.39**	0.212	**0.24**	-0.11
2	3	Body	LTE Band2-ENDC/ULCA	18700	1860	1RB-Middle	Rear	10mm	\	20.96	21.50	0.300	**0.34**	0.182	**0.21**	0.09
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Right	10mm	\	20.96	21.50	0.276	**0.31**	0.170	**0.19**	0.19
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Top	10mm	\	20.96	21.50	0.153	**0.17**	0.095	**0.11**	0.11
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Front	10mm	\	21.06	21.50	0.214	**0.24**	0.142	**0.16**	-0.08
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Rear	10mm	\	21.06	21.50	0.291	**0.32**	0.183	**0.20**	-0.16
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Right	10mm	\	21.06	21.50	0.343	**0.38**	0.190	**0.21**	-0.13
2	3	Body	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Top	10mm	\	21.06	21.50	0.138	**0.15**	0.085	**0.09**	-0.13
2	2	Body	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Front	15mm	\	22.35	22.50	0.153	**0.16**	0.095	**0.10**	-0.17
2	2	Body	LTE Band2-ENDC/ULCA	18900	1880	1RB-Middle	Rear	15mm	\	22.35	22.50	0.239	**0.25**	0.144	**0.15**	-0.02
2	2	Body	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Front	15mm	\	22.33	22.50	0.151	**0.16**	0.094	**0.10**	0.04
2	2	Body	LTE Band2-ENDC/ULCA	18900	1880	50RB-Middle	Rear	15mm	\	22.33	22.50	0.236	**0.25**	0.142	**0.15**	0.02
1	1	Head	LTE Band2	19100	1900	1RB-High	Left Cheek	0mm	\	23.09	24.50	0.065	**0.09**	0.043	**0.06**	0.02
1	1	Head	LTE Band2	19100	1900	1RB-High	Left Tilt	0mm	\	23.09	24.50	0.062	**0.09**	0.039	**0.05**	-0.07
1	1	Head	LTE Band2	19100	1900	1RB-High	Right Cheek	0mm	\	23.09	24.50	0.084	**0.12**	0.053	**0.07**	0.04
1	1	Head	LTE Band2	19100	1900	1RB-High	Right Tilt	0mm	\	23.09	24.50	0.074	**0.10**	0.045	**0.06**	0.00
1	1	Head	LTE Band2	19100	1900	50RB-High	Left Cheek	0mm	\	22.05	24.50	0.060	**0.11**	0.039	**0.07**	0.14
1	1	Head	LTE Band2	19100	1900	50RB-High	Left Tilt	0mm	\	22.05	24.50	0.046	**0.08**	0.029	**0.05**	-0.04
1	1	Head	LTE Band2	19100	1900	50RB-High	Right Cheek	0mm	\	22.05	24.50	0.064	**0.11**	0.041	**0.07**	-0.14
1	1	Head	LTE Band2	19100	1900	50RB-High	Right Tilt	0mm	\	22.05	24.50	0.059	**0.10**	0.037	**0.07**	0.06
1	3	Body	LTE Band2	19100	1900	1RB-High	Front	10mm	\	19.46	20.50	0.131	**0.17**	0.080	**0.10**	0.00
1	3	Body	LTE Band2	19100	1900	1RB-High	Rear	10mm	\	19.46	20.50	0.487	**0.62**	0.280	**0.36**	0.08
1	3	Body	LTE Band2	19100	1900	1RB-High	Left	10mm	\	19.46	20.50	<0.01	**<0.01**	<0.01	**<0.01**	\
1	3	Body	LTE Band2	19100	1900	1RB-High	Right	10mm	\	19.46	20.50	0.063	**0.08**	0.035	**0.04**	-0.09
1	3	Body	LTE Band2	19100	1900	1RB-High	Bottom	10mm	F.12	19.46	20.50	0.520	**0.66**	0.289	**0.37**	-0.01
1	3	Body	LTE Band2	19100	1900	50RB-High	Front	10mm	\	19.46	20.50	0.173	**0.22**	0.110	**0.14**	0.18
1	3	Body	LTE Band2	19100	1900	50RB-High	Rear	10mm	\	19.46	20.50	0.368	**0.47**	0.213	**0.27**	0.09
1	3	Body	LTE Band2	19100	1900	50RB-High	Left	10mm	\	19.46	20.50	<0.01	**<0.01**	<0.01	**<0.01**	\
1	3	Body	LTE Band2	19100	1900	50RB-High	Right	10mm	\	19.46	20.50	0.101	**0.13**	0.057	**0.07**	-0.14
1	3	Body	LTE Band2	19100	1900	50RB-High	Bottom	10mm	\	19.46	20.50	0.410	**0.52**	0.243	**0.31**	-0.01
1	2	Body	LTE Band2	19100	1900	1RB-High	Front	15mm	\	21.62	22.50	0.194	**0.24**	0.122	**0.15**	-0.11
1	2	Body	LTE Band2	19100	1900	1RB-High	Rear	15mm	\	21.62	22.50	0.438	**0.54**	0.262	**0.32**	0.01
1	2	Body	LTE Band2	19100	1900	50RB-High	Front	15mm	\	21.64	22.50	0.191	**0.23**	0.118	**0.14**	0.19
1	2	Body	LTE Band2	19100	1900	50RB-High	Rear	15mm	\	21.64	22.50	0.430	**0.52**	0.258	**0.31**	0.08
2	1	Head	LTE Band4	20175	1732.5	1RB-Middle	Left Cheek	0mm	F.13	19.94	20.50	0.430	**0.49**	0.229	**0.26**	-0.14
2	1	Head	LTE Band4	20175	1732.5	1RB-Middle	Left Tilt	0mm	\	19.94	20.50	0.225	**0.26**	0.110	**0.13**	0.21
2	1	Head	LTE Band4	20175	1732.5	1RB-Middle	Right Cheek	0mm	\	19.94	20.50	0.187	**0.21**	0.110	**0.13**	-0.03
2	1	Head	LTE Band4	20175	1732.5	1RB-Middle	Right Tilt	0mm	\	19.94	20.50	0.153	**0.17**	0.083	**0.09**	-0.05
2	1	Head	LTE Band4	20175	1732.5	50RB-Middle	Left Cheek	0mm	\	19.87	20.50	0.407	**0.47**	0.213	**0.25**	0.15
2	1	Head	LTE Band4	20175	1732.5	50RB-Middle	Left Tilt	0mm	\	19.87	20.50	0.220	**0.25**	0.109	**0.13**	0.16
2	1	Head	LTE Band4	20175	1732.5	50RB-Middle	Right Cheek	0mm	\	19.87	20.50	0.190	**0.22**	0.111	**0.13**	0.20
2	1	Head	LTE Band4	20175	1732.5	50RB-Middle	Right Tilt	0mm	\	19.87	20.50	0.162	**0.19**	0.088	**0.10**	0.04
2	3	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	10mm	\	22.09	22.50	0.132	**0.15**	0.074	**0.08**	0.00
2	3	Body	LTE Band4	20175	1732.5	1RB-Middle	Rear	10mm	\	22.09	22.50	0.205	**0.23**	0.107	**0.12**	-0.14
2	3	Body	LTE Band4	20175	1732.5	1RB-Middle	Right	10mm	F.14	22.09	22.50	0.243	**0.27**	0.142	**0.16**	0.04
2	3	Body	LTE Band4	20175	1732.5	1RB-Middle	Top	10mm	\	22.09	22.50	0.127	**0.14**	0.064	**0.07**	0.16
2	3	Body	LTE Band4	20175	1732.5	50RB-Middle	Front	10mm	\	22.13	22.50	0.128	**0.14**	0.072	**0.08**	0.15
2	3	Body	LTE Band4	20175	1732.5	50RB-Middle	Rear	10mm	\	22.13	22.50	0.193	**0.21**	0.113	**0.12**	-0.02
2	3	Body	LTE Band4	20175	1732.5	50RB-Middle	Right	10mm	\	22.13	22.50	0.209	**0.23**	0.109	**0.12**	0.14
2	3	Body	LTE Band4	20175	1732.5	50RB-Middle	Top	10mm	\	22.13	22.50	0.105	**0.11**	0.055	**0.06**	0.14
2	2	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	15mm	\	23.12	23.50	0.136	**0.15**	0.084	**0.09**	-0.08
2	2	Body	LTE Band4	20175	1732.5	1RB-Middle	Rear	15mm	\	23.12	23.50	0.154	**0.17**	0.095	**0.10**	-0.07
2	2	Body	LTE Band4	20175	1732.5	50RB-Middle	Front	15mm	\	23.11	23.50	0.133	**0.15**	0.078	**0.09**	-0.13
2	2	Body	LTE Band4	20175	1732.5	50RB-Middle	Rear	15mm	\	23.11	23.50	0.176	**0.19**	0.102	**0.11**	0.01

2	1	Head	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Left Cheek	0mm	\	17.92	18.50	0.219	**0.25**	0.118	**0.13**	0.16
2	1	Head	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Left Tilt	0mm	\	17.92	18.50	0.126	**0.14**	0.063	**0.07**	-0.03
2	1	Head	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Right Cheek	0mm	\	17.92	18.50	0.097	**0.11**	0.059	**0.07**	-0.12
2	1	Head	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Right Tilt	0mm	\	17.92	18.50	0.070	**0.08**	0.041	**0.05**	-0.15
2	1	Head	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Left Cheek	0mm	\	17.94	18.50	0.215	**0.24**	0.116	**0.13**	0.10
2	1	Head	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Left Tilt	0mm	\	17.94	18.50	0.124	**0.14**	0.062	**0.07**	0.16
2	1	Head	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Right Cheek	0mm	\	17.94	18.50	0.102	**0.12**	0.062	**0.07**	0.07
2	1	Head	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Right Tilt	0mm	\	17.94	18.50	0.069	**0.08**	0.039	**0.04**	-0.02
2	3	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Front	10mm	\	20.91	21.50	0.129	**0.15**	0.075	**0.09**	0.17
2	3	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Rear	10mm	\	20.91	21.50	0.212	**0.24**	0.116	**0.13**	-0.09
2	3	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Left	10mm	\	20.91	21.50	<0.01	**<0.01**	<0.01	**<0.01**	\
2	3	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Right	10mm	\	20.91	21.50	0.169	**0.19**	0.092	**0.11**	0.06
2	3	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Top	10mm	\	20.91	21.50	0.117	**0.13**	0.064	**0.07**	0.08
2	3	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Front	10mm	\	20.88	21.50	0.125	**0.14**	0.073	**0.08**	-0.08
2	3	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Rear	10mm	\	20.88	21.50	0.200	**0.23**	0.106	**0.12**	0.02
2	3	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Left	10mm	\	20.88	21.50	<0.01	**<0.01**	<0.01	**<0.01**	\
2	3	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Right	10mm	\	20.88	21.50	0.169	**0.19**	0.092	**0.11**	0.14
2	3	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Top	10mm	\	20.88	21.50	0.091	**0.10**	0.049	**0.06**	0.19
2	2	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Front	15mm	\	22.09	22.50	0.122	**0.13**	0.070	**0.08**	-0.02
2	2	Body	LTE Band4-ULCA	20175	1732.5	1RB-Middle	Rear	15mm	\	22.09	22.50	0.170	**0.19**	0.098	**0.11**	0.06
2	2	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Front	15mm	\	22.13	22.50	0.126	**0.14**	0.073	**0.08**	0.19
2	2	Body	LTE Band4-ULCA	20175	1732.5	50RB-Middle	Rear	15mm	\	22.13	22.50	0.166	**0.18**	0.097	**0.11**	-0.02
0	1	Head	LTE Band5	20525	836.5	1RB-Middle	Left Cheek	0mm	\	23.78	24.00	0.304	**0.32**	0.175	**0.18**	0.19
0	1	Head	LTE Band5	20525	836.5	1RB-Middle	Left Tilt	0mm	\	23.78	24.00	0.376	**0.40**	0.201	**0.21**	-0.17
0	1	Head	LTE Band5	20525	836.5	1RB-Middle	Right Cheek	0mm	\	23.78	24.00	0.432	**0.45**	0.239	**0.25**	-0.19
0	1	Head	LTE Band5	20525	836.5	1RB-Middle	Right Tilt	0mm	F.15	23.78	24.00	0.515	**0.54**	0.272	**0.29**	0.03
0	1	Head	LTE Band5	20525	836.5	25RB-Middle	Left Cheek	0mm	\	23.71	24.00	0.289	**0.31**	0.168	**0.18**	-0.13
0	1	Head	LTE Band5	20525	836.5	25RB-Middle	Left Tilt	0mm	\	23.71	24.00	0.367	**0.39**	0.196	**0.21**	-0.19
0	1	Head	LTE Band5	20525	836.5	25RB-Middle	Right Cheek	0mm	\	23.71	24.00	0.436	**0.47**	0.238	**0.25**	0.00
0	1	Head	LTE Band5	20525	836.5	25RB-Middle	Right Tilt	0mm	\	23.71	24.00	0.501	**0.54**	0.256	**0.27**	0.01
0	2/3	Body	LTE Band5	20525	836.5	1RB-Middle	Front	10mm	\	24.79	25.00	0.278	**0.29**	0.168	**0.18**	-0.01
0	2/3	Body	LTE Band5	20525	836.5	1RB-Middle	Rear	10mm	F.16	24.79	25.00	0.476	**0.50**	0.271	**0.28**	-0.02
0	2/3	Body	LTE Band5	20525	836.5	1RB-Middle	Left	10mm	\	24.79	25.00	0.143	**0.15**	0.100	**0.10**	0.04
0	2/3	Body	LTE Band5	20525	836.5	1RB-Middle	Right	10mm	\	24.79	25.00	0.083	**0.09**	0.058	**0.06**	0.02
0	2/3	Body	LTE Band5	20525	836.5	1RB-Middle	Top	10mm	\	24.79	25.00	0.346	**0.36**	0.182	**0.19**	0.20
0	2/3	Body	LTE Band5	20525	836.5	25RB-Middle	Front	10mm	\	23.68	24.00	0.244	**0.26**	0.151	**0.16**	-0.17
0	2/3	Body	LTE Band5	20525	836.5	25RB-Middle	Rear	10mm	\	23.68	24.00	0.351	**0.38**	0.204	**0.22**	0.01
0	2/3	Body	LTE Band5	20525	836.5	25RB-Middle	Left	10mm	\	23.68	24.00	0.145	**0.16**	0.100	**0.11**	0.19
0	2/3	Body	LTE Band5	20525	836.5	25RB-Middle	Right	10mm	\	23.68	24.00	0.080	**0.09**	0.055	**0.06**	-0.15
0	2/3	Body	LTE Band5	20525	836.5	25RB-Middle	Top	10mm	\	23.68	24.00	0.319	**0.34**	0.169	**0.18**	-0.17
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	1RB-Middle	Left Cheek	0mm	\	21.54	22.00	0.226	**0.25**	0.137	**0.15**	-0.18
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	1RB-Middle	Left Tilt	0mm	\	21.54	22.00	0.241	**0.27**	0.140	**0.16**	0.08
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	1RB-Middle	Right Cheek	0mm	\	21.54	22.00	0.260	**0.29**	0.155	**0.17**	-0.11
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	1RB-Middle	Right Tilt	0mm	\	21.54	22.00	0.302	**0.34**	0.162	**0.18**	0.09
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	25RB-Middle	Left Cheek	0mm	\	21.54	22.00	0.227	**0.25**	0.137	**0.15**	0.15
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	25RB-Middle	Left Tilt	0mm	\	21.54	22.00	0.241	**0.27**	0.140	**0.16**	0.18
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	25RB-Middle	Right Cheek	0mm	\	21.54	22.00	0.258	**0.29**	0.153	**0.17**	0.16
0	1	Head	LTE Band5-ENDC/ULCA	20525	836.5	25RB-Middle	Right Tilt	0mm	\	21.54	22.00	0.320	**0.36**	0.168	**0.19**	0.19
4	1	Head	LTE Band7	21100	2535	1RB-Middle	Left Cheek	0mm	\	16.36	17.50	0.221	**0.29**	0.106	**0.14**	0.12
4	1	Head	LTE Band7	21100	2535	1RB-Middle	Left Tilt	0mm	\	16.36	17.50	0.176	**0.23**	0.081	**0.11**	0.04
4	1	Head	LTE Band7	21100	2535	1RB-Middle	Right Cheek	0mm	\	16.36	17.50	0.620	**0.81**	0.283	**0.37**	-0.14
4	1	Head	LTE Band7	21100	2535	1RB-Middle	Right Tilt	0mm	\	16.36	17.50	0.274	**0.36**	0.122	**0.16**	-0.18
4	1	Head	LTE Band7	21100	2535	50RB-Middle	Left Cheek	0mm	\	16.38	17.50	0.229	**0.30**	0.111	**0.14**	0.20
4	1	Head	LTE Band7	21100	2535	50RB-Middle	Left Tilt	0mm	\	16.38	17.50	0.180	**0.23**	0.082	**0.11**	-0.11
4	1	Head	LTE Band7	21350	2560	50RB-Middle	Right Cheek	0mm		16.34	17.50	0.605	**0.79**	0.215	**0.28**	0.21
4	1	Head	LTE Band7	21100	2535	50RB-Middle	Right Cheek	0mm	F.17	16.38	17.50	0.648	**0.84**	0.295	**0.38**	0.14
4	1	Head	LTE Band7	20850	2510	50RB-Middle	Right Cheek	0mm		15.94	17.50	0.524	**0.75**	0.201	**0.29**	0.19
4	1	Head	LTE Band7	21100	2535	50RB-Middle	Right Tilt	0mm	\	16.38	17.50	0.323	**0.42**	0.142	**0.18**	-0.16
4	1	Head	LTE Band7	21100	2535	100RB	Right Cheek	0mm	\	16.34	17.50	0.547	**0.71**	0.224	**0.29**	0.17
4	3	Body	LTE Band7	21100	2535	1RB-Middle	Front	10mm	\	18.38	18.50	0.297	**0.31**	0.141	**0.14**	0.00
4	3	Body	LTE Band7	21100	2535	1RB-Middle	Rear	10mm	F.18	18.38	18.50	0.712	**0.73**	0.323	**0.33**	0.07
4	3	Body	LTE Band7	21100	2535	1RB-Middle	Left	10mm	\	18.38	18.50	0.467	**0.48**	0.203	**0.21**	0.04
4	3	Body	LTE Band7	21100	2535	1RB-Middle	Top	10mm	\	18.38	18.50	0.062	**0.06**	0.035	**0.04**	0.20
4	3	Body	LTE Band7	21100	2535	50RB-Middle	Front	10mm	\	18.40	18.50	0.307	**0.31**	0.145	**0.15**	0.06
4	3	Body	LTE Band7	21100	2535	50RB-Middle	Rear	10mm	\	18.40	18.50	0.626	**0.64**	0.281	**0.29**	0.00
4	3	Body	LTE Band7	21100	2535	50RB-Middle	Left	10mm	\	18.40	18.50	0.410	**0.42**	0.179	**0.18**	0.09
4	3	Body	LTE Band7	21100	2535	50RB-Middle	Top	10mm	\	18.40	18.50	0.073	**0.07**	0.041	**0.04**	0.13
4	2	Body	LTE Band7	21100	2535	1RB-Middle	Front	15mm	\	19.36	19.50	0.163	**0.17**	0.085	**0.09**	-0.17
4	2	Body	LTE Band7	21100	2535	1RB-Middle	Rear	15mm	\	19.36	19.50	0.286	**0.30**	0.143	**0.15**	-0.16
4	2	Body	LTE Band7	21100	2535	50RB-Middle	Front	15mm	\	19.43	19.50	0.139	**0.14**	0.072	**0.07**	0.15
4	2	Body	LTE Band7	21100	2535	50RB-Middle	Rear	15mm	\	19.43	19.50	0.283	**0.29**	0.141	**0.14**	0.09
0	1	Head	LTE Band12	23095	707.5	1RB-Middle	Left Cheek	0mm	\	24.67	25.00	0.352	**0.38**	0.236	**0.25**	-0.05
0	1	Head	LTE Band12	23095	707.5	1RB-Middle	Left Tilt	0mm	\	24.67	25.00	0.465	**0.50**	0.297	**0.32**	-0.08
0	1	Head	LTE Band12	23095	707.5	1RB-Middle	Right Cheek	0mm	\	24.67	25.00	0.490	**0.53**	0.296	**0.32**	0.16
0	1	Head	LTE Band12	23095	707.5	1RB-Middle	Right Tilt	0mm	F.19	24.67	25.00	0.684	**0.74**	0.371	**0.40**	0.07
0	1	Head	LTE Band12	23095	707.5	25RB-Middle	Left Cheek	0mm	\	23.56	24.00	0.280	**0.31**	0.188	**0.21**	0.16
0	1	Head	LTE Band12	23095	707.5	25RB-Middle	Left Tilt	0mm	\	23.56	24.00	0.373	**0.41**	0.237	**0.26**	-0.14
0	1	Head	LTE Band12	23095	707.5	25RB-Middle	Right Cheek	0mm	\	23.56	24.00	0.392	**0.43**	0.236	**0.26**	0.14
0	1	Head	LTE Band12	23095	707.5	25RB-Middle	Right Tilt	0mm	\	23.56	24.00	0.549	**0.61**	0.301	**0.33**	0.19
0	2/3	Body	LTE Band12	23095	707.5	1RB-Middle	Front	10mm	\	24.67	25.00	0.195	**0.21**	0.128	**0.14**	-0.16
0	2/3	Body	LTE Band12	23095	707.5	1RB-Middle	Rear	10mm	F.20	24.67	25.00	0.356	**0.38**	0.202	**0.22**	0.12
0	2/3	Body	LTE Band12	23095	707.5	1RB-Middle	Left	10mm	\	24.67	25.00	0.316	**0.34**	0.201	**0.22**	0.01
0	2/3	Body	LTE Band12	23095	707.5	1RB-Middle	Right	10mm	\	24.67	25.00	0.195	**0.21**	0.133	**0.14**	0.19
0	2/3	Body	LTE Band12	23095	707.5	1RB-Middle	Top	10mm	\	24.67	25.00	0.269	**0.29**	0.141	**0.15**	-0.01
0	2/3	Body	LTE Band12	23095	707.5	25RB-Middle	Front	10mm	\	23.56	24.00	0.161	**0.18**	0.103	**0.11**	0.04
0	2/3	Body	LTE Band12	23095	707.5	25RB-Middle	Rear	10mm	\	23.56	24.00	0.233	**0.26**	0.140	**0.15**	-0.12
0	2/3	Body	LTE Band12	23095	707.5	25RB-Middle	Left	10mm	\	23.56	24.00	0.266	**0.29**	0.183	**0.20**	-0.18
0	2/3	Body	LTE Band12	23095	707.5	25RB-Middle	Right	10mm	\	23.56	24.00	0.169	**0.19**	0.116	**0.13**	-0.05
0	2/3	Body	LTE Band12	23095	707.5	25RB-Middle	Top	10mm	\	23.56	24.00	0.203	**0.22**	0.109	**0.12**	0.17
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	1RB-Middle	Left Cheek	0mm	\	21.58	22.00	0.225	**0.25**	0.149	**0.16**	0.20
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	1RB-Middle	Left Tilt	0mm	\	21.58	22.00	0.218	**0.24**	0.135	**0.15**	-0.06
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	1RB-Middle	Right Cheek	0mm	\	21.58	22.00	0.291	**0.32**	0.182	**0.20**	0.13
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	1RB-Middle	Right Tilt	0mm	\	21.58	22.00	0.335	**0.37**	0.183	**0.20**	0.16
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	25RB-Middle	Left Cheek	0mm	\	21.55	22.00	0.223	**0.25**	0.147	**0.16**	-0.11
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	25RB-Middle	Left Tilt	0mm	\	21.55	22.00	0.216	**0.24**	0.134	**0.15**	-0.16
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	25RB-Middle	Right Cheek	0mm	\	21.55	22.00	0.295	**0.33**	0.181	**0.20**	-0.13
0	1	Head	LTE Band12-ENDC/ULCA	23095	707.5	25RB-Middle	Right Tilt	0mm	\	21.55	22.00	0.328	**0.36**	0.180	**0.20**	0.08

0	1	Head	LTE Band13	23230	782	1RB-Middle	Left Cheek	0mm	\	24.09	25.00	0.360	**0.44**	0.229	**0.28**	0.04
0	1	Head	LTE Band13	23230	782	1RB-Middle	Left Tilt	0mm	\	24.09	25.00	0.413	**0.51**	0.239	**0.29**	0.02
0	1	Head	LTE Band13	23230	782	1RB-Middle	Right Cheek	0mm	\	24.09	25.00	0.454	**0.56**	0.264	**0.33**	-0.16
0	1	Head	LTE Band13	23230	782	1RB-Middle	Right Tilt	0mm	F.21	24.09	25.00	0.591	**0.73**	0.315	**0.39**	0.03
0	1	Head	LTE Band13	23230	782	25RB-Middle	Left Cheek	0mm	\	23.08	24.00	0.288	**0.36**	0.183	**0.23**	-0.19
0	1	Head	LTE Band13	23230	782	25RB-Middle	Left Tilt	0mm	\	23.08	24.00	0.323	**0.40**	0.188	**0.23**	-0.17
0	1	Head	LTE Band13	23230	782	25RB-Middle	Right Cheek	0mm	\	23.08	24.00	0.368	**0.45**	0.212	**0.26**	-0.02
0	1	Head	LTE Band13	23230	782	25RB-Middle	Right Tilt	0mm	\	23.08	24.00	0.475	**0.59**	0.259	**0.32**	0.16
0	2/3	Body	LTE Band13	23230	782	1RB-Middle	Front	10mm	\	24.09	25.00	0.185	**0.23**	0.117	**0.14**	0.09
0	2/3	Body	LTE Band13	23230	782	1RB-Middle	Rear	10mm	F.22	24.09	25.00	0.357	**0.44**	0.208	**0.26**	0.00
0	2/3	Body	LTE Band13	23230	782	1RB-Middle	Left	10mm	\	24.09	25.00	0.244	**0.30**	0.166	**0.20**	0.09
0	2/3	Body	LTE Band13	23230	782	1RB-Middle	Right	10mm	\	24.09	25.00	0.106	**0.13**	0.072	**0.09**	0.01
0	2/3	Body	LTE Band13	23230	782	1RB-Middle	Top	10mm	\	24.09	25.00	0.255	**0.31**	0.131	**0.16**	-0.13
0	2/3	Body	LTE Band13	23230	782	25RB-Middle	Front	10mm	\	23.08	24.00	0.130	**0.16**	0.084	**0.10**	-0.14
0	2/3	Body	LTE Band13	23230	782	25RB-Middle	Rear	10mm	\	23.08	24.00	0.259	**0.32**	0.152	**0.19**	0.15
0	2/3	Body	LTE Band13	23230	782	25RB-Middle	Left	10mm	\	23.08	24.00	0.195	**0.24**	0.134	**0.17**	0.03
0	2/3	Body	LTE Band13	23230	782	25RB-Middle	Right	10mm	\	23.08	24.00	0.085	**0.11**	0.059	**0.07**	-0.15
0	2/3	Body	LTE Band13	23230	782	25RB-Middle	Top	10mm	\	23.08	24.00	0.193	**0.24**	0.102	**0.13**	-0.16
0	1	Head	LTE Band14	23330	793	1RB-Middle	Left Cheek	0mm	\	24.61	25.00	0.328	**0.36**	0.194	**0.21**	0.16
0	1	Head	LTE Band14	23330	793	1RB-Middle	Left Tilt	0mm	\	24.61	25.00	0.382	**0.42**	0.213	**0.23**	0.16
0	1	Head	LTE Band14	23330	793	1RB-Middle	Right Cheek	0mm	\	24.61	25.00	0.479	**0.52**	0.279	**0.31**	-0.11
0	1	Head	LTE Band14	23330	793	1RB-Middle	Right Tilt	0mm	F.23	24.61	25.00	0.557	**0.61**	0.297	**0.32**	0.15
0	1	Head	LTE Band14	23330	793	25RB-Middle	Left Cheek	0mm	\	23.57	24.00	0.255	**0.28**	0.151	**0.17**	-0.10
0	1	Head	LTE Band14	23330	793	25RB-Middle	Left Tilt	0mm	\	23.57	24.00	0.297	**0.33**	0.166	**0.18**	-0.03
0	1	Head	LTE Band14	23330	793	25RB-Middle	Right Cheek	0mm	\	23.57	24.00	0.363	**0.40**	0.213	**0.24**	0.09
0	1	Head	LTE Band14	23330	793	25RB-Middle	Right Tilt	0mm	\	23.57	24.00	0.444	**0.49**	0.236	**0.26**	-0.13
0	2/3	Body	LTE Band14	23330	793	1RB-Middle	Front	10mm	\	24.61	25.00	0.180	**0.20**	0.111	**0.12**	0.05
0	2/3	Body	LTE Band14	23330	793	1RB-Middle	Rear	10mm	F.24	24.61	25.00	0.342	**0.37**	0.199	**0.22**	0.15
0	2/3	Body	LTE Band14	23330	793	1RB-Middle	Left	10mm	\	24.61	25.00	0.237	**0.26**	0.159	**0.17**	0.01
0	2/3	Body	LTE Band14	23330	793	1RB-Middle	Right	10mm	\	24.61	25.00	0.112	**0.12**	0.076	**0.08**	-0.08
0	2/3	Body	LTE Band14	23330	793	1RB-Middle	Top	10mm	\	24.61	25.00	0.317	**0.35**	0.163	**0.18**	0.15
0	2/3	Body	LTE Band14	23330	793	25RB-Middle	Front	10mm	\	23.57	24.00	0.136	**0.15**	0.083	**0.09**	-0.05
0	2/3	Body	LTE Band14	23330	793	25RB-Middle	Rear	10mm	\	23.57	24.00	0.268	**0.30**	0.153	**0.17**	-0.13
0	2/3	Body	LTE Band14	23330	793	25RB-Middle	Left	10mm	\	23.57	24.00	0.202	**0.22**	0.134	**0.15**	0.03
0	2/3	Body	LTE Band14	23330	793	25RB-Middle	Right	10mm	\	23.57	24.00	0.067	**0.07**	0.046	**0.05**	-0.14
0	2/3	Body	LTE Band14	23330	793	25RB-Middle	Top	10mm	\	23.57	24.00	0.219	**0.24**	0.113	**0.12**	0.02
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	1RB-Middle	Left Cheek	0mm	\	21.68	22.00	0.189	**0.20**	0.109	**0.12**	-0.02
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	1RB-Middle	Left Tilt	0mm	\	21.68	22.00	0.201	**0.22**	0.114	**0.12**	0.13
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	1RB-Middle	Right Cheek	0mm	\	21.68	22.00	0.212	**0.23**	0.114	**0.12**	-0.02
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	1RB-Middle	Right Tilt	0mm	\	21.68	22.00	0.282	**0.30**	0.143	**0.15**	-0.16
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	25RB-Middle	Left Cheek	0mm	\	21.67	22.00	0.188	**0.20**	0.108	**0.12**	-0.14
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	25RB-Middle	Left Tilt	0mm	\	21.67	22.00	0.201	**0.22**	0.116	**0.13**	-0.11
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	25RB-Middle	Right Cheek	0mm	\	21.67	22.00	0.205	**0.22**	0.113	**0.12**	0.13
0	1	Head	LTE Band14-ENDC/ULCA	23330	793	25RB-Middle	Right Tilt	0mm	\	21.67	22.00	0.281	**0.30**	0.141	**0.15**	-0.15
2	1	Head	LTE Band25	26365	1882.5	1RB-Middle	Left Cheek	0mm	\	19.34	19.50	0.445	**0.46**	0.254	**0.26**	-0.03
2	1	Head	LTE Band25	26365	1882.5	1RB-Middle	Left Tilt	0mm	\	19.34	19.50	0.567	**0.59**	0.300	**0.31**	0.05
2	1	Head	LTE Band25	26365	1882.5	1RB-Middle	Right Cheek	0mm	\	19.34	19.50	0.390	**0.40**	0.247	**0.26**	0.21
2	1	Head	LTE Band25	26365	1882.5	1RB-Middle	Right Tilt	0mm	\	19.34	19.50	0.296	**0.31**	0.170	**0.18**	-0.05
2	1	Head	LTE Band25	26365	1882.5	50RB-Middle	Left Cheek	0mm	\	19.28	19.50	0.430	**0.45**	0.243	**0.26**	-0.18
2	1	Head	LTE Band25	26365	1882.5	50RB-Middle	Left Tilt	0mm	F.25	19.28	19.50	0.571	**0.60**	0.302	**0.32**	0.12
2	1	Head	LTE Band25	26365	1882.5	50RB-Middle	Right Cheek	0mm	\	19.28	19.50	0.384	**0.40**	0.245	**0.26**	-0.04
2	1	Head	LTE Band25	26365	1882.5	50RB-Middle	Right Tilt	0mm	\	19.28	19.50	0.292	**0.31**	0.170	**0.18**	0.04
2	3	Body	LTE Band25	26365	1882.5	1RB-Middle	Front	10mm	\	22.35	22.50	0.193	**0.20**	0.116	**0.12**	-0.13
2	3	Body	LTE Band25	26365	1882.5	1RB-Middle	Rear	10mm	F.26	22.35	22.50	0.498	**0.52**	0.266	**0.28**	-0.01
2	3	Body	LTE Band25	26365	1882.5	1RB-Middle	Right	10mm	\	22.35	22.50	0.323	**0.33**	0.177	**0.18**	0.03
2	3	Body	LTE Band25	26365	1882.5	1RB-Middle	Top	10mm	\	22.35	22.50	0.137	**0.14**	0.085	**0.09**	0.03
2	3	Body	LTE Band25	26365	1882.5	50RB-Middle	Front	10mm	\	22.31	22.50	0.185	**0.19**	0.115	**0.12**	0.17
2	3	Body	LTE Band25	26365	1882.5	50RB-Middle	Rear	10mm	\	22.31	22.50	0.339	**0.35**	0.196	**0.20**	0.11
2	3	Body	LTE Band25	26365	1882.5	50RB-Middle	Right	10mm	\	22.31	22.50	0.246	**0.26**	0.143	**0.15**	-0.03
2	3	Body	LTE Band25	26365	1882.5	50RB-Middle	Top	10mm	\	22.31	22.50	0.135	**0.14**	0.083	**0.09**	-0.07
2	2	Body	LTE Band25	26365	1882.5	1RB-Middle	Front	15mm	\	23.31	23.50	0.113	**0.12**	0.071	**0.07**	-0.05
2	2	Body	LTE Band25	26365	1882.5	1RB-Middle	Rear	15mm	\	23.31	23.50	0.249	**0.26**	0.140	**0.15**	0.01
2	2	Body	LTE Band25	26365	1882.5	50RB-Middle	Front	15mm	\	23.39	23.50	0.118	**0.12**	0.072	**0.07**	0.20
2	2	Body	LTE Band25	26365	1882.5	50RB-Middle	Rear	15mm	\	23.39	23.50	0.260	**0.27**	0.147	**0.15**	0.02
0	1	Head	LTE Band26	26865	831.5	1RB-Middle	Left Cheek	0mm	\	24.69	25.00	0.379	**0.41**	0.222	**0.24**	0.12
0	1	Head	LTE Band26	26865	831.5	1RB-Middle	Left Tilt	0mm	\	24.69	25.00	0.402	**0.43**	0.229	**0.25**	-0.15
0	1	Head	LTE Band26	26865	831.5	1RB-Middle	Right Cheek	0mm	\	24.69	25.00	0.459	**0.49**	0.263	**0.28**	0.11
0	1	Head	LTE Band26	26865	831.5	1RB-Middle	Right Tilt	0mm	F.27	24.69	25.00	0.547	**0.59**	0.288	**0.31**	-0.03
0	1	Head	LTE Band26	26865	831.5	36RB-Middle	Left Cheek	0mm	\	23.59	24.00	0.369	**0.41**	0.217	**0.24**	0.00
0	1	Head	LTE Band26	26865	831.5	36RB-Middle	Left Tilt	0mm	\	23.59	24.00	0.393	**0.43**	0.224	**0.25**	0.04
0	1	Head	LTE Band26	26865	831.5	36RB-Middle	Right Cheek	0mm	\	23.59	24.00	0.455	**0.50**	0.260	**0.29**	0.14
0	1	Head	LTE Band26	26865	831.5	36RB-Middle	Right Tilt	0mm	\	23.59	24.00	0.518	**0.57**	0.257	**0.28**	0.14
0	2/3	Body	LTE Band26	26865	831.5	1RB-Middle	Front	10mm	\	24.69	25.00	0.211	**0.23**	0.128	**0.14**	0.14
0	2/3	Body	LTE Band26	26865	831.5	1RB-Middle	Rear	10mm	F.28	24.69	25.00	0.360	**0.39**	0.205	**0.22**	-0.02
0	2/3	Body	LTE Band26	26865	831.5	1RB-Middle	Left	10mm	\	24.69	25.00	0.177	**0.19**	0.119	**0.13**	0.21
0	2/3	Body	LTE Band26	26865	831.5	1RB-Middle	Right	10mm	\	24.69	25.00	0.089	**0.10**	0.060	**0.06**	-0.17
0	2/3	Body	LTE Band26	26865	831.5	1RB-Middle	Top	10mm	\	24.69	25.00	0.279	**0.30**	0.142	**0.15**	0.08
0	2/3	Body	LTE Band26	26865	831.5	36RB-Middle	Front	10mm	\	23.59	24.00	0.222	**0.24**	0.132	**0.15**	-0.01
0	2/3	Body	LTE Band26	26865	831.5	36RB-Middle	Rear	10mm	\	23.59	24.00	0.337	**0.37**	0.199	**0.22**	0.17
0	2/3	Body	LTE Band26	26865	831.5	36RB-Middle	Left	10mm	\	23.59	24.00	0.181	**0.20**	0.123	**0.14**	0.19
0	2/3	Body	LTE Band26	26865	831.5	36RB-Middle	Right	10mm	\	23.59	24.00	0.086	**0.09**	0.059	**0.06**	-0.18
0	2/3	Body	LTE Band26	26865	831.5	36RB-Middle	Top	10mm	\	23.59	24.00	0.284	**0.31**	0.145	**0.16**	-0.06

6	1	Head	LTE Band30	27710	2310	1RB-Middle	Left Cheek	0mm	\	20.17	20.50	0.421	**0.45**	0.237	**0.26**	0.12
6	1	Head	LTE Band30	27710	2310	1RB-Middle	Left Tilt	0mm	\	20.17	20.50	0.460	**0.50**	0.238	**0.26**	0.11
6	1	Head	LTE Band30	27710	2310	1RB-Middle	Right Cheek	0mm	F.29	20.17	20.50	1.07	**1.15**	0.536	**0.58**	0.04
6	1	Head	LTE Band30	27710	2310	1RB-Middle	Right Tilt	0mm	\	20.17	20.50	0.855	**0.92**	0.419	**0.45**	-0.17
6	1	Head	LTE Band30	27710	2310	25RB-Middle	Left Cheek	0mm	\	20.11	20.50	0.415	**0.45**	0.235	**0.26**	0.10
6	1	Head	LTE Band30	27710	2310	25RB-Middle	Left Tilt	0mm	\	20.11	20.50	0.453	**0.50**	0.235	**0.26**	0.09
6	1	Head	LTE Band30	27710	2310	25RB-Middle	Right Cheek	0mm	\	20.11	20.50	0.92	**1.01**	0.501	**0.55**	-0.08
6	1	Head	LTE Band30	27710	2310	25RB-Middle	Right Tilt	0mm	\	20.11	20.50	0.853	**0.93**	0.421	**0.46**	0.03
6	1	Head	LTE Band30	27710	2310	50RB	Right Cheek	0mm	\	20.13	20.50	0.902	**0.98**	0.512	**0.56**	0.11
6	1	Head	LTE Band30	27710	2310	50RB	Right Tilt	0mm	\	20.13	20.50	0.821	**0.89**	0.409	**0.45**	-0.02
6	3	Body	LTE Band30	27710	2310	1RB-Middle	Front	10mm	\	22.34	22.50	0.404	**0.42**	0.215	**0.22**	-0.02
6	3	Body	LTE Band30	27710	2310	1RB-Middle	Rear	10mm	F.30	22.34	22.50	0.890	**0.92**	0.428	**0.44**	-0.09
6	3	Body	LTE Band30	27710	2310	1RB-Middle	Left	10mm	\	22.34	22.50	0.302	**0.31**	0.163	**0.17**	0.02
6	3	Body	LTE Band30	27710	2310	1RB-Middle	Top	10mm	\	22.34	22.50	0.170	**0.18**	0.091	**0.09**	0.10
6	3	Body	LTE Band30	27710	2310	25RB-Middle	Front	10mm	\	22.28	22.50	0.382	**0.40**	0.203	**0.21**	0.13
6	3	Body	LTE Band30	27710	2310	25RB-Middle	Rear	10mm	\	22.28	22.50	0.769	**0.81**	0.374	**0.39**	-0.13
6	3	Body	LTE Band30	27710	2310	25RB-Middle	Left	10mm	\	22.28	22.50	0.300	**0.32**	0.162	**0.17**	-0.15
6	3	Body	LTE Band30	27710	2310	25RB-Middle	Top	10mm	\	22.28	22.50	0.180	**0.19**	0.096	**0.10**	0.04
6	3	Body	LTE Band30	27710	2310	50RB	Rear	10mm	\	22.19	22.50	0.839	**0.90**	0.392	**0.42**	0.12
6	2	Body	LTE Band30	27710	2310	1RB-Middle	Front	15mm	\	23.25	23.50	0.251	**0.27**	0.132	**0.14**	-0.17
6	2	Body	LTE Band30	27710	2310	1RB-Middle	Rear	15mm	\	23.25	23.50	0.528	**0.56**	0.270	**0.29**	-0.06
6	2	Body	LTE Band30	27710	2310	25RB-Middle	Front	15mm	\	23.21	23.50	0.237	**0.25**	0.129	**0.14**	0.10
6	2	Body	LTE Band30	27710	2310	25RB-Middle	Rear	15mm	\	23.21	23.50	0.520	**0.56**	0.267	**0.29**	-0.16
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Left Cheek	0mm	\	17.18	17.50	0.159	**0.17**	0.089	**0.10**	-0.15
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Left Tilt	0mm	\	17.18	17.50	0.172	**0.19**	0.087	**0.09**	-0.18
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Right Cheek	0mm	\	17.18	17.50	0.421	**0.45**	0.208	**0.22**	-0.11
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Right Tilt	0mm	\	17.18	17.50	0.309	**0.33**	0.153	**0.16**	-0.01
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Left Cheek	0mm	\	17.16	17.50	0.158	**0.17**	0.086	**0.09**	0.10
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Left Tilt	0mm	\	17.16	17.50	0.174	**0.19**	0.088	**0.10**	0.18
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Right Cheek	0mm	\	17.16	17.50	0.445	**0.48**	0.219	**0.24**	0.12
6	1	Head	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Right Tilt	0mm	\	17.16	17.50	0.313	**0.34**	0.154	**0.17**	-0.03
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Front	10mm	\	18.65	19.50	0.245	**0.30**	0.126	**0.15**	0.19
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Rear	10mm	\	18.65	19.50	0.485	**0.59**	0.233	**0.28**	0.04
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Left	10mm	\	18.65	19.50	0.146	**0.18**	0.082	**0.10**	-0.01
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Top	10mm	\	18.65	19.50	0.080	**0.10**	0.043	**0.05**	-0.15
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Front	10mm	\	18.60	19.50	0.198	**0.24**	0.107	**0.13**	0.11
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Rear	10mm	\	18.60	19.50	0.416	**0.51**	0.206	**0.25**	-0.07
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Left	10mm	\	18.60	19.50	0.143	**0.18**	0.078	**0.10**	-0.02
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Top	10mm	\	18.60	19.50	0.086	**0.11**	0.048	**0.06**	0.12
6	3	Body	LTE Band30-ENDC/ULCA	27710	2310	50RB	Rear	10mm	\	18.60	19.50	0.442	**0.54**	0.211	**0.26**	-0.08
6	2	Body	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Front	15mm	\	22.34	22.50	0.293	**0.30**	0.162	**0.17**	0.14
6	2	Body	LTE Band30-ENDC/ULCA	27710	2310	1RB-Middle	Rear	15mm	\	22.34	22.50	0.516	**0.54**	0.260	**0.27**	-0.01
6	2	Body	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Front	15mm	\	22.28	22.50	0.273	**0.29**	0.151	**0.16**	0.20
6	2	Body	LTE Band30-ENDC/ULCA	27710	2310	25RB-Middle	Rear	15mm	\	22.28	22.50	0.482	**0.51**	0.241	**0.25**	0.05
4	1	Head	LTE Band38	38000	2595	1RB-Middle	Left Cheek	0mm	\	19.73	20.00	0.178	**0.19**	0.095	**0.10**	0.03
4	1	Head	LTE Band38	38000	2595	1RB-Middle	Left Tilt	0mm	\	19.73	20.00	0.136	**0.14**	0.063	**0.07**	-0.04
4	1	Head	LTE Band38	38000	2595	1RB-Middle	Right Cheek	0mm	F.31	19.73	20.00	0.524	**0.56**	0.237	**0.25**	0.18
4	1	Head	LTE Band38	38000	2595	1RB-Middle	Right Tilt	0mm	\	19.73	20.00	0.249	**0.26**	0.118	**0.13**	-0.03
4	1	Head	LTE Band38	38000	2595	50RB-Middle	Left Cheek	0mm	\	19.77	20.00	0.176	**0.19**	0.094	**0.10**	0.17
4	1	Head	LTE Band38	38000	2595	50RB-Middle	Left Tilt	0mm	\	19.77	20.00	0.109	**0.11**	0.062	**0.07**	-0.03
4	1	Head	LTE Band38	38000	2595	50RB-Middle	Right Cheek	0mm	\	19.77	20.00	0.519	**0.55**	0.235	**0.25**	0.01
4	1	Head	LTE Band38	38000	2595	50RB-Middle	Right Tilt	0mm	\	19.77	20.00	0.251	**0.26**	0.118	**0.12**	-0.02
4	2/3	Body	LTE Band38	38000	2595	1RB-Middle	Front	10mm	\	23.78	24.00	0.317	**0.33**	0.143	**0.15**	0.13
4	2/3	Body	LTE Band38	38000	2595	1RB-Middle	Rear	10mm	\	23.78	24.00	0.528	**0.56**	0.244	**0.26**	0.10
4	2/3	Body	LTE Band38	38000	2595	1RB-Middle	Left	10mm	\	23.78	24.00	0.424	**0.45**	0.178	**0.19**	0.08
4	2/3	Body	LTE Band38	38000	2595	1RB-Middle	Top	10mm	\	23.78	24.00	0.070	**0.07**	0.037	**0.04**	-0.06
4	2/3	Body	LTE Band38	38000	2595	50RB-Middle	Front	10mm	\	22.69	23.00	0.300	**0.32**	0.136	**0.15**	-0.04
4	2/3	Body	LTE Band38	38000	2595	50RB-Middle	Rear	10mm	F.32	22.69	23.00	0.575	**0.62**	0.263	**0.28**	-0.12
4	2/3	Body	LTE Band38	38000	2595	50RB-Middle	Left	10mm	\	22.69	23.00	0.404	**0.43**	0.163	**0.18**	0.19
4	2/3	Body	LTE Band38	38000	2595	50RB-Middle	Top	10mm	\	22.69	23.00	0.068	**0.07**	0.035	**0.04**	-0.17
4	1	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Left Cheek	0mm	\	19.95	20.00	0.565	**0.57**	0.240	**0.24**	-0.05
4	1	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Left Tilt	0mm	\	19.95	20.00	0.439	**0.44**	0.175	**0.18**	-0.10
4	1	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Right Cheek	0mm	\	19.95	20.00	0.431	**0.44**	0.130	**0.13**	-0.15
4	1	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Right Tilt	0mm	\	19.95	20.00	0.222	**0.22**	0.090	**0.09**	0.04
4	1	Head	LTE Band41 PC2	40620	2593	50RB-Middle	Left Cheek	0mm	\	19.93	20.00	0.545	**0.55**	0.244	**0.25**	-0.16
4	1	Head	LTE Band41 PC2	40620	2593	50RB-Middle	Left Tilt	0mm	\	19.93	20.00	0.434	**0.44**	0.174	**0.18**	-0.15
4	1	Head	LTE Band41 PC2	40620	2593	50RB-Middle	Right Cheek	0mm	F.33	19.93	20.00	0.575	**0.58**	0.259	**0.26**	0.11
4	1	Head	LTE Band41 PC2	40620	2593	50RB-Middle	Right Tilt	0mm	\	19.93	20.00	0.134	**0.14**	0.046	**0.05**	-0.08
4	3	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Front	10mm	\	23.59	24.50	0.480	**0.59**	0.242	**0.30**	0.05
4	3	Body	LTE Band41 PC2	41490	2680	1RB-Middle	Rear	10mm	\	23.54	24.50	0.884	**1.10**	0.352	**0.44**	-0.02
4	3	Body	LTE Band41 PC2	41055	2636.5	1RB-Middle	Rear	10mm	\	23.31	24.50	0.789	**1.04**	0.311	**0.41**	-0.10
4	3	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Rear	10mm	F.34	23.59	24.50	0.920	**1.13**	0.435	**0.54**	-0.15
4	3	Body	LTE Band41 PC2	40185	2549.5	1RB-Middle	Rear	10mm	\	23.44	24.50	0.744	**0.95**	0.348	**0.44**	-0.06
4	3	Body	LTE Band41 PC2	39750	2506	1RB-Middle	Rear	10mm	\	23.17	24.50	0.581	**0.79**	0.269	**0.37**	-0.06
4	3	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Left	10mm	\	23.59	24.50	0.652	**0.80**	0.323	**0.40**	0.12
4	3	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Top	10mm	\	23.59	24.50	0.126	**0.16**	0.075	**0.09**	-0.02
4	3	Body	LTE Band41 PC2	40620	2593	50RB-Middle	Front	10mm	\	23.65	24.50	0.475	**0.58**	0.243	**0.30**	0.07
4	3	Body	LTE Band41 PC2	41490	2680	50RB-Middle	Rear	10mm	\	23.46	24.50	0.624	**0.79**	0.284	**0.36**	-0.02
4	3	Body	LTE Band41 PC2	41055	2636.5	50RB-Middle	Rear	10mm	\	23.29	24.50	0.757	**1.00**	0.347	**0.46**	0.14
4	3	Body	LTE Band41 PC2	40620	2593	50RB-Middle	Rear	10mm	\	23.65	24.50	0.904	**1.10**	0.405	**0.49**	0.09
4	3	Body	LTE Band41 PC2	40185	2549.5	50RB-Middle	Rear	10mm	\	23.43	24.50	0.740	**0.95**	0.323	**0.41**	-0.09
4	3	Body	LTE Band41 PC2	39750	2506	50RB-Middle	Rear	10mm	\	23.17	24.50	0.584	**0.79**	0.256	**0.35**	0.10
4	3	Body	LTE Band41 PC2	40620	2593	50RB-Middle	Left	10mm	\	23.65	24.50	0.638	**0.78**	0.318	**0.39**	0.01
4	3	Body	LTE Band41 PC2	40620	2593	50RB-Middle	Top	10mm	\	23.65	24.50	0.126	**0.15**	0.075	**0.09**	-0.12
4	3	Body	LTE Band41 PC2	40620	2593	100RB	Rear	10mm	\	23.51	24.50	0.815	**1.02**	0.302	**0.38**	-0.04
4	2	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Front	15mm	\	24.59	25.50	0.222	**0.27**	0.119	**0.15**	-0.09
4	2	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Rear	15mm	\	24.59	25.50	0.380	**0.47**	0.195	**0.24**	-0.18
4	2	Body	LTE Band41 PC2	40620	2593	50RB-Middle	Front	15mm	\	24.58	25.50	0.238	**0.29**	0.128	**0.16**	0.03
4	2	Body	LTE Band41 PC2	40620	2593	50RB-Middle	Rear	15mm	\	24.58	25.50	0.356	**0.44**	0.172	**0.21**	0.07
4	1	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Left Cheek	0mm	\	16.97	17.50	0.191	**0.22**	0.098	**0.11**	-0.18
4	1	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Left Tilt	0mm	\	16.97	17.50	0.134	**0.15**	0.057	**0.06**	-0.02
4	1	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Right Cheek	0mm	F.35	16.97	17.50	0.429	**0.48**	0.194	**0.22**	0.18
4	1	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Right Tilt	0mm	\	16.97	17.50	0.150	**0.17**	0.067	**0.08**	0.09
4	1	Head	LTE Band41 PC3	40620	2593	50RB-Middle	Left Cheek	0mm	\	17.04	17.50	0.160	**0.18**	0.079	**0.09**	-0.05
4	1	Head	LTE Band41 PC3	40620	2593	50RB-Middle	Left Tilt	0mm	\	17.04	17.50	0.134	**0.15**	0.057	**0.06**	0.12
4	1	Head	LTE Band41 PC3	40620	2593	50RB-Middle	Right Cheek	0mm	\	17.04	17.50	0.329	**0.37**	0.128	**0.14**	-0.05
4	1	Head	LTE Band41 PC3	40620	2593	50RB-Middle	Right Tilt	0mm	\	17.04	17.50	0.112	**0.12**	0.050	**0.06**	-0.10
4	3	Body	LTE Band41 PC3	40620	2593	1RB-Middle	Front	10mm	\	20.65	21.00	0.300	**0.33**	0.145	**0.16**	0.01
4	3	Body	LTE Band41 PC3	40620	2593	1RB-Middle	Rear	10mm	\	20.65	21.00	0.584	**0.63**	0.271	**0.29**	-0.13
4	3	Body	LTE Band41 PC3	40620	2593	1RB-Middle	Left	10mm	\	20.65	21.00	0.427	**0.46**	0.187	**0.20**	0.20
4	3	Body	LTE Band41 PC3	40620	2593	1RB-Middle	Top	10mm	\	20.65	21.00	0.065	**0.07**	0.035	**0.04**	-0.18
4	3	Body	LTE Band41 PC3	40620	2593	50RB-Middle	Front	10mm	\	20.62	21.00	0.302	**0.33**	0.144	**0.16**	-0.03
4	3	Body	LTE Band41 PC3	40620	2593	50RB-Middle	Rear	10mm	F.36	20.62	21.00	0.591	**0.65**	0.273	**0.30**	-0.19
4	3	Body	LTE Band41 PC3	40620	2593	50RB-Middle	Left	10mm	\	20.62	21.00	0.442	**0.48**	0.192	**0.21**	0.12
4	3	Body	LTE Band41 PC3	40620	2593	50RB-Middle	Top	10mm	\	20.62	21.00	0.076	**0.08**	0.042	**0.05**	-0.19
4	2	Body	LTE Band41 PC3	40620	2593	1RB-Middle	Front	15mm	\	21.57	22.50	0.197	**0.24**	0.108	**0.13**	0.19
4	2	Body	LTE Band41 PC3	40620	2593	1RB-Middle	Rear	15mm	\	21.57	22.50	0.348	**0.43**	0.180	**0.22**	-0.13
4	2	Body	LTE Band41 PC3	40620	2593	50RB-Middle	Front	15mm	\	21.58	22.50	0.181	**0.22**	0.097	**0.12**	-0.02
4	2	Body	LTE Band41 PC3	40620	2593	50RB-Middle	Rear	15mm	\	21.58	22.50	0.315	**0.39**	0.158	**0.20**	0.10

2	1	Head	LTE Band66	132322	1745	1RB-Middle	Left Cheek	0mm	\	20.06	20.50	0.401	**0.44**	0.219	**0.24**	0.11
2	1	Head	LTE Band66	132322	1745	1RB-Middle	Left Tilt	0mm	\	20.06	20.50	0.207	**0.23**	0.104	**0.12**	0.15
2	1	Head	LTE Band66	132322	1745	1RB-Middle	Right Cheek	0mm	\	20.06	20.50	0.184	**0.20**	0.109	**0.12**	-0.15
2	1	Head	LTE Band66	132322	1745	1RB-Middle	Right Tilt	0mm	\	20.06	20.50	0.151	**0.17**	0.083	**0.09**	0.08
2	1	Head	LTE Band66	132322	1745	50RB-Middle	Left Cheek	0mm	F.37	20.12	20.50	0.410	**0.45**	0.223	**0.24**	-0.11
2	1	Head	LTE Band66	132322	1745	50RB-Middle	Left Tilt	0mm	\	20.12	20.50	0.206	**0.22**	0.102	**0.11**	-0.13
2	1	Head	LTE Band66	132322	1745	50RB-Middle	Right Cheek	0mm	\	20.12	20.50	0.186	**0.20**	0.111	**0.12**	-0.01
2	1	Head	LTE Band66	132322	1745	50RB-Middle	Right Tilt	0mm	\	20.12	20.50	0.146	**0.16**	0.080	**0.09**	0.12
2	3	Body	LTE Band66	132322	1745	1RB-Middle	Front	10mm	\	22.19	22.50	0.218	**0.23**	0.125	**0.13**	-0.09
2	3	Body	LTE Band66	132322	1745	1RB-Middle	Rear	10mm	\	22.19	22.50	0.358	**0.38**	0.188	**0.20**	-0.15
2	3	Body	LTE Band66	132322	1745	1RB-Middle	Right	10mm	\	22.19	22.50	0.278	**0.30**	0.154	**0.17**	0.03
2	3	Body	LTE Band66	132322	1745	1RB-Middle	Top	10mm	\	22.19	22.50	0.172	**0.18**	0.093	**0.10**	0.08
2	3	Body	LTE Band66	132322	1745	50RB-Middle	Front	10mm	\	22.12	22.50	0.230	**0.25**	0.132	**0.14**	-0.03
2	3	Body	LTE Band66	132322	1745	50RB-Middle	Rear	10mm	\	22.12	22.50	0.341	**0.37**	0.168	**0.18**	0.03
2	3	Body	LTE Band66	132322	1745	50RB-Middle	Right	10mm	\	22.12	22.50	0.309	**0.34**	0.165	**0.18**	0.19
2	3	Body	LTE Band66	132322	1745	50RB-Middle	Top	10mm	\	22.12	22.50	0.173	**0.19**	0.094	**0.10**	-0.13
2	2	Body	LTE Band66	132322	1745	1RB-Middle	Front	15mm	\	23.32	23.50	0.150	**0.16**	0.083	**0.09**	0.20
2	2	Body	LTE Band66	132322	1745	1RB-Middle	Rear	15mm	\	23.32	23.50	0.201	**0.21**	0.106	**0.11**	0.03
2	2	Body	LTE Band66	132322	1745	50RB-Middle	Front	15mm	\	23.25	23.50	0.151	**0.16**	0.085	**0.09**	-0.02
2	2	Body	LTE Band66	132322	1745	50RB-Middle	Rear	15mm	\	23.25	23.50	0.208	**0.22**	0.117	**0.12**	0.15
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Left Cheek	0mm	\	17.97	18.50	0.207	**0.23**	0.104	**0.12**	0.12
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Left Tilt	0mm	\	17.97	18.50	0.122	**0.14**	0.058	**0.07**	0.02
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Right Cheek	0mm	\	17.97	18.50	0.110	**0.12**	0.066	**0.07**	-0.10
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Right Tilt	0mm	\	17.97	18.50	0.084	**0.09**	0.047	**0.05**	0.18
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Left Cheek	0mm	\	17.93	18.50	0.228	**0.26**	0.125	**0.14**	0.12
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Left Tilt	0mm	\	17.93	18.50	0.132	**0.15**	0.067	**0.08**	0.08
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Right Cheek	0mm	\	17.93	18.50	0.113	**0.13**	0.068	**0.08**	0.08
2	1	Head	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Right Tilt	0mm	\	17.93	18.50	0.080	**0.09**	0.045	**0.05**	0.19
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Front	10mm	\	20.89	21.50	0.151	**0.17**	0.086	**0.10**	-0.18
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Rear	10mm	\	20.89	21.50	0.216	**0.25**	0.113	**0.13**	0.13
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Right	10mm	\	20.89	21.50	0.193	**0.22**	0.102	**0.12**	-0.16
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Top	10mm	\	20.89	21.50	0.076	**0.09**	0.040	**0.05**	-0.11
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Front	10mm	\	20.96	21.50	0.145	**0.16**	0.083	**0.09**	0.05
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Rear	10mm	\	20.96	21.50	0.231	**0.26**	0.119	**0.13**	-0.13
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Right	10mm	\	20.96	21.50	0.208	**0.24**	0.110	**0.12**	0.11
2	3	Body	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Top	10mm	\	20.96	21.50	0.121	**0.14**	0.064	**0.07**	0.02
2	2	Body	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Front	15mm	\	22.19	22.50	0.085	**0.09**	0.048	**0.05**	0.00
2	2	Body	LTE Band66-ENDC/ULCA	132322	1745	1RB-Middle	Rear	15mm	\	22.19	22.50	0.102	**0.11**	0.051	**0.05**	-0.11
2	2	Body	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Front	15mm	\	22.12	22.50	0.083	**0.09**	0.047	**0.05**	-0.13
2	2	Body	LTE Band66-ENDC/ULCA	132322	1745	50RB-Middle	Rear	15mm	\	22.12	22.50	0.123	**0.13**	0.068	**0.07**	0.06
1	1	Head	LTE Band66	132572	1770	1RB-Middle	Left Cheek	0mm	\	23.70	24.50	0.057	**0.07**	0.039	**0.05**	-0.13
1	1	Head	LTE Band66	132572	1770	1RB-Middle	Left Tilt	0mm	\	23.70	24.50	0.041	**0.05**	0.027	**0.03**	0.07
1	1	Head	LTE Band66	132572	1770	1RB-Middle	Right Cheek	0mm	\	23.70	24.50	0.119	**0.14**	0.079	**0.09**	0.08
1	1	Head	LTE Band66	132572	1770	1RB-Middle	Right Tilt	0mm	\	23.70	24.50	0.034	**0.04**	0.023	**0.03**	-0.01
1	1	Head	LTE Band66	132572	1770	50RB-Middle	Left Cheek	0mm	\	22.67	23.50	0.058	**0.07**	0.040	**0.05**	0.21
1	1	Head	LTE Band66	132572	1770	50RB-Middle	Left Tilt	0mm	\	22.67	23.50	0.026	**0.03**	0.018	**0.02**	-0.07
1	1	Head	LTE Band66	132572	1770	50RB-Middle	Right Cheek	0mm	\	22.67	23.50	0.065	**0.08**	0.044	**0.05**	-0.19
1	1	Head	LTE Band66	132572	1770	50RB-Middle	Right Tilt	0mm	\	22.67	23.50	0.032	**0.04**	0.021	**0.03**	0.01
1	3	Body	LTE Band66	132572	1770	1RB-Middle	Front	10mm	\	18.72	19.00	0.174	**0.19**	0.105	**0.11**	-0.11
1	3	Body	LTE Band66	132572	1770	1RB-Middle	Rear	10mm	\	18.72	19.00	0.500	**0.53**	0.285	**0.30**	0.10
1	3	Body	LTE Band66	132572	1770	1RB-Middle	Left	10mm	\	18.72	19.00	<0.01	**<0.01**	<0.01	**<0.01**	\
1	3	Body	LTE Band66	132572	1770	1RB-Middle	Right	10mm	\	18.72	19.00	0.115	**0.12**	0.064	**0.07**	0.00
1	3	Body	LTE Band66	132572	1770	1RB-Middle	Bottom	10mm	\	18.72	19.00	0.517	**0.55**	0.287	**0.31**	-0.05
1	3	Body	LTE Band66	132572	1770	50RB-Middle	Front	10mm	\	18.60	19.00	0.182	**0.20**	0.110	**0.12**	-0.04
1	3	Body	LTE Band66	132572	1770	50RB-Middle	Rear	10mm	\	18.60	19.00	0.487	**0.53**	0.279	**0.31**	0.16
1	3	Body	LTE Band66	132572	1770	50RB-Middle	Left	10mm	\	18.60	19.00	<0.01	**<0.01**	<0.01	**<0.01**	\
1	3	Body	LTE Band66	132572	1770	50RB-Middle	Right	10mm	\	18.60	19.00	0.076	**0.08**	0.044	**0.05**	-0.15
1	3	Body	LTE Band66	132572	1770	50RB-Middle	Bottom	10mm	\	18.60	19.00	0.501	**0.55**	0.276	**0.30**	0.17
1	2	Body	LTE Band66	132572	1770	1RB-Middle	Front	15mm	\	21.17	21.50	0.130	**0.14**	0.111	**0.12**	0.05
1	2	Body	LTE Band66	132572	1770	1RB-Middle	Rear	15mm	\	21.17	21.50	0.577	**0.62**	0.343	**0.37**	-0.05
1	2	Body	LTE Band66	132572	1770	50RB-Middle	Front	15mm	\	21.10	21.50	0.129	**0.14**	0.109	**0.12**	-0.04
1	2	Body	LTE Band66	132572	1770	50RB-Middle	Rear	15mm	F.38	21.10	21.50	0.582	**0.64**	0.345	**0.38**	0.03
0	1	Head	LTE Band71	133322	683	1RB-Middle	Left Cheek	0mm	\	23.68	24.00	0.176	**0.19**	0.111	**0.12**	0.02
0	1	Head	LTE Band71	133322	683	1RB-Middle	Left Tilt	0mm	\	23.68	24.00	0.239	**0.26**	0.140	**0.15**	-0.11
0	1	Head	LTE Band71	133322	683	1RB-Middle	Right Cheek	0mm	\	23.68	24.00	0.248	**0.27**	0.145	**0.16**	-0.16
0	1	Head	LTE Band71	133322	683	1RB-Middle	Right Tilt	0mm	F.39	23.68	24.00	0.351	**0.38**	0.187	**0.20**	0.03
0	1	Head	LTE Band71	133322	683	50RB-Middle	Left Cheek	0mm	\	22.67	23.00	0.140	**0.15**	0.087	**0.09**	-0.16
0	1	Head	LTE Band71	133322	683	50RB-Middle	Left Tilt	0mm	\	22.67	23.00	0.190	**0.20**	0.111	**0.12**	0.10
0	1	Head	LTE Band71	133322	683	50RB-Middle	Right Cheek	0mm	\	22.67	23.00	0.199	**0.21**	0.116	**0.13**	-0.07
0	1	Head	LTE Band71	133322	683	50RB-Middle	Right Tilt	0mm	\	22.67	23.00	0.274	**0.30**	0.148	**0.16**	-0.06
0	2/3	Body	LTE Band71	133322	683	1RB-Middle	Front	10mm	\	23.68	24.00	0.131	**0.14**	0.096	**0.10**	-0.08
0	2/3	Body	LTE Band71	133322	683	1RB-Middle	Rear	10mm	\	23.68	24.00	0.134	**0.14**	0.098	**0.11**	-0.02
0	2/3	Body	LTE Band71	133322	683	1RB-Middle	Left	10mm	F.40	23.68	24.00	0.190	**0.20**	0.132	**0.14**	0.00
0	2/3	Body	LTE Band71	133322	683	1RB-Middle	Right	10mm	\	23.68	24.00	0.125	**0.13**	0.086	**0.09**	0.13
0	2/3	Body	LTE Band71	133322	683	1RB-Middle	Top	10mm	\	23.68	24.00	0.068	**0.07**	0.039	**0.04**	0.08
0	2/3	Body	LTE Band71	133322	683	50RB-Middle	Front	10mm	\	22.67	23.00	0.121	**0.13**	0.090	**0.10**	-0.09
0	2/3	Body	LTE Band71	133322	683	50RB-Middle	Rear	10mm	\	22.67	23.00	0.133	**0.14**	0.098	**0.11**	0.11
0	2/3	Body	LTE Band71	133322	683	50RB-Middle	Left	10mm	\	22.67	23.00	0.151	**0.16**	0.104	**0.11**	-0.10
0	2/3	Body	LTE Band71	133322	683	50RB-Middle	Right	10mm	\	22.67	23.00	0.099	**0.11**	0.070	**0.08**	0.20
0	2/3	Body	LTE Band71	133322	683	50RB-Middle	Top	10mm	\	22.67	23.00	0.053	**0.06**	0.029	**0.03**	0.15

5G NR

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	SRS/BW/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
2	1	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.45	20	0.607	**0.69**	0.317	**0.36**	0
2	1	Head	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	F.41	19.47	20	0.689	**0.78**	0.367	**0.41**	0.03
2	1	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.06	20	0.62	**0.77**	0.324	**0.40**	-0.11
2	1	Head	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	19.47	20	0.387	**0.44**	0.189	**0.21**	0.02
2	1	Head	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	19.47	20	0.272	**0.31**	0.161	**0.18**	0.03
2	1	Head	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	19.47	20	0.234	**0.26**	0.124	**0.14**	0.13
2	1	Head	N2	376000	1880	CP-QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.44	20	0.654	**0.74**	0.34	**0.39**	0.15
2	1	Head	N2-ENDC	381500	1907.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.92	17.5	0.353	**0.40**	0.189	**0.22**	-0.04
2	1	Head	N2-ENDC	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.94	17.5	0.39	**0.44**	0.206	**0.23**	0.13
2	1	Head	N2-ENDC	370500	1852.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.91	17.5	0.366	**0.42**	0.197	**0.23**	-0.07
2	1	Head	N2-ENDC	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	16.94	17.5	0.202	**0.23**	0.099	**0.11**	-0.19
2	1	Head	N2-ENDC	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	16.94	17.5	0.15	**0.17**	0.086	**0.10**	0.17
2	1	Head	N2-ENDC	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	16.94	17.5	0.136	**0.15**	0.072	**0.08**	-0.18
2	1	Head	N2-ENDC	376000	1880	CP-QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.91	17.5	0.379	**0.43**	0.202	**0.23**	-0.02
2	3	Body	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Front	10mm	\	21.49	21.5	0.263	**0.26**	0.154	**0.15**	-0.09
2	3	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	21.47	21.5	0.516	**0.52**	0.238	**0.24**	-0.02
2	3	Body	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	F.42	21.49	21.5	0.55	**0.55**	0.289	**0.29**	-0.17
2	3	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	21.05	21.5	0.475	**0.53**	0.241	**0.27**	-0.06
2	3	Body	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Right	10mm	\	21.49	21.5	0.423	**0.42**	0.212	**0.21**	0.11
2	3	Body	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Top	10mm	\	21.49	21.5	0.164	**0.16**	0.092	**0.09**	0.03
2	3	Body	N2	376000	1880	CP-QPSK	15K 5M 12_6	Rear	10mm	\	21.47	21.5	0.532	**0.54**	0.286	**0.29**	-0.18
2	2	Body	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Front	15mm	\	23.51	24	0.251	**0.28**	0.148	**0.17**	-0.01
2	2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	23.48	24	0.369	**0.42**	0.201	**0.23**	0.06
2	2	Body	N2	376000	1880	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	23.51	24	0.411	**0.46**	0.229	**0.26**	-0.02
2	2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	23.01	24	0.352	**0.44**	0.189	**0.24**	0.12
2	2	Body	N2	376000	1880	CP-QPSK	15K 5M 12_6	Rear	15mm	\	22.21	22.5	0.276	**0.30**	0.154	**0.16**	0.02
0	1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	22.97	23.5	0.326	**0.37**	0.192	**0.22**	0.04
0	1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	22.97	23.5	0.342	**0.39**	0.194	**0.22**	-0.19
0	1	Head	N5	165300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	22.97	23.5	0.381	**0.43**	0.219	**0.25**	-0.03
0	1	Head	N5	169300	846.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	22.89	23.5	0.445	**0.51**	0.226	**0.26**	-0.1
0	1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	22.97	23.5	0.451	**0.51**	0.229	**0.26**	-0.08
0	1	Head	N5	165300	826.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	F.43	22.91	23.5	0.498	**0.57**	0.252	**0.29**	-0.08
0	1	Head	N5	167300	836.5	CP-QPSK	15K 5M 12_6	Tilt Right	0mm	\	21.97	22	0.342	**0.34**	0.178	**0.18**	-0.07
0	1	Head	N5-ENDC	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	21.02	21.5	0.228	**0.25**	0.129	**0.14**	0.09
0	1	Head	N5-ENDC	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	21.02	21.5	0.237	**0.26**	0.128	**0.14**	0.05
0	1	Head	N5-ENDC	165300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	21.02	21.5	0.269	**0.30**	0.148	**0.17**	-0.17
0	1	Head	N5-ENDC	169300	846.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	20.95	21.5	0.304	**0.35**	0.149	**0.17**	0.03
0	1	Head	N5-ENDC	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	21.02	21.5	0.306	**0.34**	0.152	**0.17**	0.03
0	1	Head	N5-ENDC	165300	826.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	20.97	21.5	0.328	**0.37**	0.166	**0.19**	0.16
0	1	Head	N5-ENDC	167300	836.5	CP-QPSK	15K 5M 12_6	Tilt Right	0mm	\	20.98	21.5	0.301	**0.34**	0.145	**0.16**	-0.07
0	2/3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Front	10mm	\	23.39	24.5	0.265	**0.34**	0.158	**0.20**	-0.05
0	2/3	Body	N5	169300	846.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	F.44	23.31	24.5	0.45	**0.59**	0.252	**0.33**	-0.08
0	2/3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	23.39	24.5	0.436	**0.56**	0.246	**0.32**	0.18
0	2/3	Body	N5	165300	826.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	23.33	24.5	0.433	**0.57**	0.251	**0.33**	0.07
0	2/3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Left	10mm	\	23.39	24.5	0.308	**0.40**	0.204	**0.26**	0.18
0	2/3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Right	10mm	\	23.39	24.5	0.091	**0.12**	0.059	**0.08**	0.17
0	2/3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	15K 5M 12_6	Top	10mm	\	23.39	24.5	0.361	**0.47**	0.182	**0.24**	0.09
0	2/3	Body	N5	167300	836.5	CP-QPSK	15K 5M 12_6	Rear	10mm	\	22.15	23	0.258	**0.31**	0.161	**0.20**	0
2	1	Head	N25	379000	1895	DFT-s-OFDM QPSK	15K 40M 108_54	Cheek Left	0mm	\	18.39	20	0.642	**0.93**	0.343	**0.50**	0.02
2	1	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Cheek Left	0mm	F.45	18.44	20	0.653	**0.94**	0.347	**0.50**	0.19
2	1	Head	N25	374000	1870	DFT-s-OFDM QPSK	15K 40M 108_54	Cheek Left	0mm	\	18.41	20	0.631	**0.91**	0.336	**0.48**	0.05
2	1	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Tilt Left	0mm	\	18.44	20	0.358	**0.51**	0.182	**0.26**	0.11
2	1	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Cheek Right	0mm	\	18.44	20	0.27	**0.39**	0.164	**0.23**	0.15
2	1	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Tilt Right	0mm	\	18.44	20	0.238	**0.34**	0.13	**0.19**	0.01
2	1	Head	N25	376500	1882.5	CP-QPSK	15K 40M 108_54	Cheek Left	0mm	\	18.38	20	0.624	**0.91**	0.314	**0.46**	-0.05
2	3	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Front	10mm	\	20.45	22	0.243	**0.35**	0.14	**0.20**	-0.02
2	3	Body	N25	379000	1895	DFT-s-OFDM QPSK	15K 40M 108_54	Rear	10mm	F.46	20.40	22	0.516	**0.75**	0.272	**0.39**	-0.08
2	3	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Rear	10mm	\	20.45	22	0.483	**0.69**	0.252	**0.36**	-0.04
2	3	Body	N25	374000	1870	DFT-s-OFDM QPSK	15K 40M 108_54	Rear	10mm	\	20.42	22	0.488	**0.70**	0.257	**0.37**	-0.07
2	3	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Right	10mm	\	20.45	22	0.393	**0.56**	0.192	**0.27**	0.08
2	3	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Top	10mm	\	20.45	22	0.163	**0.23**	0.09	**0.13**	-0.15
2	3	Body	N25	376500	1882.5	CP-QPSK	15K 40M 108_54	Rear	10mm	\	20.38	22	0.472	**0.69**	0.225	**0.33**	0.18
2	2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Front	15mm	\	22.51	24	0.202	**0.28**	0.123	**0.17**	0.16
2	2	Body	N25	379000	1895	DFT-s-OFDM QPSK	15K 40M 108_54	Rear	15mm	\	22.46	24	0.373	**0.53**	0.208	**0.30**	-0.16
2	2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	15K 40M 108_54	Rear	15mm	\	22.51	24	0.352	**0.50**	0.197	**0.28**	0.1
2	2	Body	N25	374000	1870	DFT-s-OFDM QPSK	15K 40M 108_54	Rear	15mm	\	22.48	24	0.355	**0.50**	0.199	**0.28**	-0.11
2	2	Body	N25	376500	1882.5	CP-QPSK	15K 40M 108_54	Rear	15mm	\	21.17	22.5	0.244	**0.33**	0.142	**0.19**	0.06
6	1	Head	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.37	20	0.318	**0.37**	0.181	**0.21**	0.01
6	1	Head	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	19.37	20	0.342	**0.40**	0.181	**0.21**	-0.17
6	1	Head	N30	462500	2312.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	F.47	19.31	20	1.02	**1.20**	0.513	**0.60**	0.02
6	1	Head	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	19.37	20	0.975	**1.13**	0.469	**0.54**	0
6	1	Head	N30	461500	2307.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	19.30	20	0.993	**1.17**	0.495	**0.58**	-0.07
6	1	Head	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	19.37	20	0.647	**0.75**	0.325	**0.38**	-0.12
6	1	Head	N30	462000	2310	CP-QPSK	15K 5M 12_6	Cheek Right	0mm	\	19.27	20	0.912	**1.08**	0.44	**0.52**	0
6	3	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Front	10mm	\	19.37	20	0.323	**0.37**	0.172	**0.20**	-0.1
6	3	Body	N30	462500	2312.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	19.31	20	0.761	**0.89**	0.351	**0.41**	0.13
6	3	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	F.48	19.37	20	0.782	**0.90**	0.369	**0.43**	-0.04
6	3	Body	N30	461500	2307.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	19.30	20	0.75	**0.88**	0.355	**0.42**	0.08
6	3	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Left	10mm	\	19.37	20	0.267	**0.31**	0.143	**0.17**	-0.09
6	3	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Top	10mm	\	19.37	20	0.164	**0.19**	0.086	**0.10**	0.03
6	3	Body	N30	462000	2310	CP-QPSK	15K 5M 12_6	Rear	10mm	\	19.27	20	0.488	**0.58**	0.242	**0.29**	0.13
6	2	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Front	15mm	\	22.50	23	0.312	**0.35**	0.136	**0.15**	0.01
6	2	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	22.50	23	0.548	**0.61**	0.277	**0.31**	0.16
6	2	Body	N30	462000	2310	CP-QPSK	15K 5M 12_6	Rear	15mm	\	22.33	23	0.452	**0.53**	0.213	**0.25**	0.1

4	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Left	0mm	\	16.03	17	0.301	**0.38**	0.148	**0.19**	0.03
4	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Tilt Left	0mm	\	16.03	17	0.226	**0.28**	0.092	**0.12**	0.08
4	1	Head	N41 (PC2)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	15.90	17	0.542	**0.70**	0.249	**0.32**	-0.06
4	1	Head	N41 (PC2)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	15.94	17	0.662	**0.85**	0.304	**0.39**	-0.02
4	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	16.03	17	0.838	**1.05**	0.375	**0.47**	-0.16
4	1	Head	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	F.49	15.99	17	0.867	**1.09**	0.393	**0.50**	0.17
4	1	Head	N41 (PC2)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	15.71	17	0.692	**0.93**	0.306	**0.41**	0
4	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Tilt Right	0mm	\	16.03	17	0.38	**0.48**	0.169	**0.21**	0.07
4	1	Head	N41 (PC2)	518598	2592.99	CP-QPSK	30K 10M 12_6	Cheek Right	0mm	\	16.01	17	0.82	**1.03**	0.375	**0.47**	-0.13
4	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Front	10mm	\	18.16	18.5	0.481	**0.52**	0.246	**0.27**	-0.14
4	3	Body	N41 (PC2)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	18.01	18.5	0.618	**0.69**	0.283	**0.32**	-0.14
4	3	Body	N41 (PC2)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	18.06	18.5	0.795	**0.88**	0.366	**0.41**	-0.04
4	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	18.16	18.5	0.939	**1.02**	0.449	**0.49**	0.12
4	3	Body	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	F.50	18.11	18.5	1.03	**1.13**	0.479	**0.52**	-0.01
4	3	Body	N41 (PC2)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	17.80	18.5	0.658	**0.77**	0.299	**0.35**	0.15
4	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Left	10mm	\	18.16	18.5	0.727	**0.79**	0.329	**0.36**	0.08
4	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Top	10mm	\	18.16	18.5	0.092	**0.10**	0.053	**0.06**	-0.16
4	3	Body	N41 (PC2)	518598	2592.99	CP-QPSK	30K 10M 12_6	Rear	10mm	\	18.14	18.5	0.902	**0.98**	0.402	**0.44**	-0.14
4	3	Body	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	B	18.11	18.5	0.911	**1.00**	0.413	**0.45**	0.1
4	3	Body	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	S	18.11	18.5	0.869	**0.95**	0.389	**0.43**	0.12
4	3	Body	N41 (PC1.5)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Front	10mm	\	16.03	17	0.271	**0.34**	0.136	**0.17**	-0.08
4	3	Body	N41 (PC1.5)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.90	17	0.362	**0.47**	0.167	**0.22**	-0.17
4	3	Body	N41 (PC1.5)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.94	17	0.473	**0.60**	0.222	**0.28**	-0.18
4	3	Body	N41 (PC1.5)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	16.03	17	0.607	**0.76**	0.281	**0.35**	-0.13
4	3	Body	N41 (PC1.5)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.99	17	0.523	**0.66**	0.246	**0.31**	-0.1
4	3	Body	N41 (PC1.5)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.71	17	0.374	**0.50**	0.175	**0.24**	0.18
4	3	Body	N41 (PC1.5)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Left	10mm	\	16.03	17	0.425	**0.53**	0.191	**0.24**	-0.08
4	3	Body	N41 (PC1.5)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Top	10mm	\	16.03	17	0.064	**0.08**	0.036	**0.05**	-0.08
4	3	Body	N41 (PC1.5)	518598	2592.99	CP-QPSK	30K 10M 12_6	Rear	10mm	\	16.01	17	0.374	**0.47**	0.175	**0.22**	-0.15
4	2	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Front	15mm	\	20.17	20.5	0.409	**0.44**	0.213	**0.23**	-0.14
4	2	Body	N41 (PC2)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	20.01	20.5	0.459	**0.51**	0.231	**0.26**	0.15
4	2	Body	N41 (PC2)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	20.06	20.5	0.573	**0.63**	0.29	**0.32**	-0.15
4	2	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	20.17	20.5	0.749	**0.81**	0.382	**0.41**	0.05
4	2	Body	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	20.12	20.5	0.674	**0.74**	0.344	**0.38**	0.01
4	2	Body	N41 (PC2)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	19.77	20.5	0.464	**0.55**	0.234	**0.28**	-0.08
4	2	Body	N41 (PC2)	518598	2592.99	CP-QPSK	30K 10M 12_6	Rear	15mm	\	20.14	20.5	0.718	**0.78**	0.356	**0.39**	0.11
1	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Left	0mm	\	23.59	24.5	0.12	**0.15**	0.062	**0.08**	0.08
1	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Tilt Left	0mm	\	23.59	24.5	0.113	**0.14**	0.058	**0.07**	0.13
1	1	Head	N41 (PC2)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	23.23	24.5	0.095	**0.13**	0.05	**0.07**	0.1
1	1	Head	N41 (PC2)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	23.55	24.5	0.128	**0.16**	0.067	**0.08**	0.13
1	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	23.59	24.5	0.194	**0.24**	0.101	**0.12**	0.19
1	1	Head	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	23.38	24.5	0.151	**0.20**	0.079	**0.10**	0.16
1	1	Head	N41 (PC2)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Cheek Right	0mm	\	23.06	24.5	0.088	**0.12**	0.045	**0.06**	0.05
1	1	Head	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Tilt Right	0mm	\	23.59	24.5	0.055	**0.07**	0.03	**0.04**	0.18
1	1	Head	N41 (PC2)	518598	2592.99	CP-QPSK	30K 10M 12_6	Cheek Right	0mm	\	23.58	24.5	0.173	**0.21**	0.09	**0.11**	-0.16
1	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Front	10mm	\	15.48	16.5	0.09	**0.11**	0.045	**0.06**	-0.1
1	3	Body	N41 (PC2)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.24	16.5	0.094	**0.13**	0.043	**0.06**	0.18
1	3	Body	N41 (PC2)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.45	16.5	0.118	**0.15**	0.054	**0.07**	-0.1
1	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.48	16.5	0.22	**0.28**	0.113	**0.14**	0.19
1	3	Body	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.35	16.5	0.158	**0.21**	0.074	**0.10**	0.02
1	3	Body	N41 (PC2)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	10mm	\	15.14	16.5	0.123	**0.17**	0.058	**0.08**	0.09
1	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Left	10mm	\	15.48	16.5	<0.01	**<0.01**	<0.01	**<0.01**	\
1	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Right	10mm	\	15.48	16.5	<0.01	**<0.01**	<0.01	**<0.01**	\
1	3	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Bottom	10mm	\	15.48	16.5	0.202	**0.26**	0.099	**0.13**	0.12
1	3	Body	N41 (PC2)	518598	2592.99	CP-QPSK	30K 10M 12_6	Rear	10mm	\	15.47	16.5	0.171	**0.22**	0.08	**0.10**	-0.05
1	2	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Front	15mm	\	18.40	19.5	0.11	**0.14**	0.07	**0.09**	-0.18
1	2	Body	N41 (PC2)	537000	2685	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	18.12	19.5	0.104	**0.14**	0.057	**0.08**	0
1	2	Body	N41 (PC2)	527799	2639	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	18.37	19.5	0.144	**0.19**	0.079	**0.10**	-0.1
1	2	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	18.40	19.5	0.228	**0.29**	0.124	**0.16**	0.03
1	2	Body	N41 (PC2)	509406	2555.02	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	18.24	19.5	0.202	**0.27**	0.111	**0.15**	-0.16
1	2	Body	N41 (PC2)	500205	2501.01	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	15mm	\	17.99	19.5	0.157	**0.22**	0.087	**0.12**	-0.15
1	2	Body	N41 (PC2)	518598	2592.99	CP-QPSK	30K 10M 12_6	Rear	15mm	\	18.39	19.5	0.208	**0.27**	0.119	**0.15**	0.04
2	1	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Left	0mm	F.51	17.69	18	0.421	**0.45**	0.141	**0.15**	0.18
2	1	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Tilt Left	0mm	\	17.69	18	0.183	**0.20**	0.068	**0.07**	-0.08
2	1	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Right	0mm	\	17.69	18	0.113	**0.12**	0.044	**0.05**	-0.15
2	1	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Tilt Right	0mm	\	17.69	18	0.104	**0.11**	0.042	**0.05**	-0.19
2	1	Head	N48	641666	3624.99	CP-QPSK	30K 20M 25_12	Cheek Left	0mm	\	17.34	18	0.387	**0.45**	0.125	**0.15**	-0.08
2	3	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Front	10mm	\	18.56	19	0.13	**0.14**	0.058	**0.06**	0.06
2	3	Body	N48	646000	3690	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	10mm	\	18.42	19	0.657	**0.75**	0.253	**0.29**	-0.15
2	3	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	10mm	\	18.56	19	0.77	**0.85**	0.314	**0.35**	-0.12
2	3	Body	N48	637334	3560.01	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	10mm	F.52	18.55	19	0.982	**1.09**	0.378	**0.42**	-0.11
2	3	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Right	10mm	\	18.56	19	0.698	**0.77**	0.272	**0.30**	0.07
2	3	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Top	10mm	\	18.56	19	0.144	**0.16**	0.068	**0.08**	-0.1
2	3	Body	N48	641666	3624.99	CP-QPSK	30K 20M 25_12	Rear	10mm	\	18.46	19	0.833	**0.94**	0.32	**0.36**	-0.07
2	2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Front	15mm	\	19.68	20	0.104	**0.11**	0.047	**0.05**	-0.07
2	2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.68	20	0.541	**0.58**	0.228	**0.25**	0.18
2	2	Body	N48	641666	3624.99	CP-QPSK	30K 20M 25_12	Rear	15mm	\	19.58	20	0.502	**0.55**	0.201	**0.22**	0.04
2	1	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	F.53	19.77	21	0.635	**0.84**	0.352	**0.47**	0.14
2	1	Head	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.80	21	0.562	**0.74**	0.32	**0.42**	0.06
2	1	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.78	21	0.49	**0.65**	0.268	**0.35**	0.17
2	1	Head	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	19.80	21	0.295	**0.39**	0.154	**0.20**	0.02
2	1	Head	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	19.80	21	0.28	**0.37**	0.178	**0.23**	0.12
2	1	Head	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	19.80	21	0.235	**0.31**	0.138	**0.18**	-0.1
2	1	Head	N66	349000	1745	CP-QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.70	21	0.561	**0.76**	0.311	**0.42**	0.14
2	1	Head	N66-ENDC	355500	1777.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.22	17.5	0.275	**0.37**	0.151	**0.20**	0.19
2	1	Head	N66-ENDC	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.24	17.5	0.248	**0.33**	0.128	**0.17**	-0.05
2	1	Head	N66-ENDC	342500	1712.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.21	17.5	0.206	**0.28**	0.113	**0.15**	-0.11
2	1	Head	N66-ENDC	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	16.24	17.5	0.128	**0.17**	0.063	**0.08**	0.02
2	1	Head	N66-ENDC	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	16.24	17.5	0.109	**0.15**	0.065	**0.09**	0.11
2	1	Head	N66-ENDC	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	16.24	17.5	0.099	**0.13**	0.054	**0.07**	-0.02
2	1	Head	N66-ENDC	349000	1745	CP-QPSK	15K 5M 12_6	Cheek Left	0mm	\	16.16	17.5	0.24	**0.33**	0.132	**0.18**	-0.01
2	3	Body	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Front	10mm	\	20.87	22	0.182	**0.24**	0.11	**0.14**	0.16
2	3	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	F.54	20.84	22	0.389	**0.51**	0.219	**0.29**	0.10
2	3	Body	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	20.87	22	0.318	**0.41**	0.172	**0.22**	0.05
2	3	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	20.85	22	0.261	**0.34**	0.152	**0.20**	-0.05
2	3	Body	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Right	10mm	\	20.87	22	0.249	**0.32**	0.14	**0.18**	-0.01
2	3	Body	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Top	10mm	\	20.87	22	0.145	**0.19**	0.08	**0.10**	0.01
2	3	Body	N66	349000	1745	CP-QPSK	15K 5M 12_6	Rear	10mm	\	20.76	22	0.321	**0.43**	0.173	**0.23**	-0.03
2	2	Body	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Front	15mm	\	22.93	24	0.16	**0.20**	0.102	**0.13**	-0.12
2	2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	22.90	24	0.301	**0.39**	0.183	**0.24**	-0.14
2	2	Body	N66	349000	1745	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	22.93	24	0.237	**0.30**	0.14	**0.18**	-0.17
2	2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	22.91	24	0.212	**0.27**	0.138	**0.18**	0.11
2	2	Body	N66	349000	1745	CP-QPSK	15K 5M 12_6	Rear	15mm	\	21.50	22.5	0.167	**0.21**	0.099	**0.12**	-0.18

2	1	Head	N70	341500	1707.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.98	21	0.471	**0.60**	0.262	**0.33**	0.04
2	1	Head	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	F.55	20.23	21	0.507	**0.61**	0.28	**0.33**	0.14
2	1	Head	N70	339500	1697.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	20.12	21	0.486	**0.60**	0.269	**0.33**	0
2	1	Head	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	20.23	21	0.205	**0.24**	0.118	**0.14**	0.02
2	1	Head	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	20.23	21	0.239	**0.29**	0.15	**0.18**	-0.06
2	1	Head	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	20.23	21	0.157	**0.19**	0.096	**0.11**	-0.07
2	1	Head	N70	340500	1702.5	CP-QPSK	15K 5M 12_6	Cheek Left	0mm	\	19.99	21	0.454	**0.57**	0.241	**0.30**	0.03
2	3	Body	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Front	10mm	\	21.18	22	0.2	**0.24**	0.113	**0.14**	-0.19
2	3	Body	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	F.56	21.18	22	0.309	**0.37**	0.166	**0.20**	0.15
2	3	Body	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Right	10mm	\	21.18	22	0.283	**0.34**	0.147	**0.18**	-0.13
2	3	Body	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Top	10mm	\	21.18	22	0.161	**0.19**	0.086	**0.10**	0.12
2	3	Body	N70	340500	1702.5	CP-QPSK	15K 5M 12_6	Rear	10mm	\	21.02	22	0.295	**0.37**	0.159	**0.20**	-0.13
2	2	Body	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Front	15mm	\	23.12	24	0.137	**0.17**	0.083	**0.10**	0.16
2	2	Body	N70	340500	1702.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	15mm	\	23.12	24	0.196	**0.24**	0.119	**0.15**	0.14
2	2	Body	N70	340500	1702.5	CP-QPSK	15K 5M 12_6	Rear	15mm	\	21.55	22.5	0.135	**0.17**	0.082	**0.10**	0.18
0	1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Left	0mm	\	24.27	24.5	0.249	**0.26**	0.155	**0.16**	0.04
0	1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Left	0mm	\	24.27	24.5	0.255	**0.27**	0.151	**0.16**	0.1
0	1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Cheek Right	0mm	\	24.27	24.5	0.326	**0.34**	0.191	**0.20**	0.15
0	1	Head	N71	139100	695.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	24.00	24.5	0.331	**0.37**	0.167	**0.19**	0.12
0	1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	\	24.27	24.5	0.382	**0.40**	0.194	**0.20**	-0.14
0	1	Head	N71	133100	665.5	DFT-s-OFDM QPSK	15K 5M 12_6	Tilt Right	0mm	F.57	24.15	24.5	0.457	**0.50**	0.232	**0.25**	0.03
0	1	Head	N71	136100	680.5	CP-QPSK	15K 5M 12_6	Tilt Right	0mm	\	22.72	23	0.245	**0.26**	0.131	**0.14**	0.14
0	2/3	Body	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Front	10mm	\	24.27	24.5	0.135	**0.14**	0.087	**0.09**	-0.18
0	2/3	Body	N71	139100	695.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	24.00	24.5	0.202	**0.23**	0.116	**0.13**	0.14
0	2/3	Body	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	\	24.27	24.5	0.225	**0.24**	0.131	**0.14**	0.01
0	2/3	Body	N71	133100	665.5	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	10mm	F.58	24.15	24.5	0.265	**0.29**	0.206	**0.22**	0.02
0	2/3	Body	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Left	10mm	\	24.27	24.5	0.116	**0.12**	0.075	**0.08**	0.12
0	2/3	Body	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Right	10mm	\	24.27	24.5	<0.01	**<0.01**	<0.01	**<0.01**	\
0	2/3	Body	N71	136100	680.5	DFT-s-OFDM QPSK	15K 5M 12_6	Top	10mm	\	24.27	24.5	0.173	**0.18**	0.086	**0.09**	0.02
0	2/3	Body	N71	136100	680.5	CP-QPSK	15K 5M 12_6	Rear	10mm	\	22.72	23	0.158	**0.17**	0.092	**0.10**	0.02
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2	1	Head	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Left	0mm	\	17.74	18	0.445	**0.47**	0.159	**0.17**	0.17
2	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Left	0mm	\	17.89	18	0.361	**0.37**	0.138	**0.14**	-0.17
2	1	Head	N77_L(PC2)	630668	3460.02	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Left	0mm	\	17.72	18	0.33	**0.35**	0.118	**0.13**	-0.19
2	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Tilt Left	0mm	\	17.89	18	0.174	**0.18**	0.075	**0.08**	-0.16
2	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Right	0mm	\	17.89	18	0.064	**0.07**	0.028	**0.03**	0.11
2	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Tilt Right	0mm	\	17.89	18	0.066	**0.07**	0.027	**0.03**	0.16
2	1	Head	N77_L(PC2)	633334	3500.01	CP-QPSK	30K 20M 25_12	Cheek Left	0mm	\	17.80	18	0.379	**0.40**	0.136	**0.14**	-0.16
2	1	Head	N77_H(PC2)	662000	3930	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.37	18	0.228	**0.26**	0.088	**0.10**	-0.15
2	1	Head	N77_H(PC2)	659600	3894	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.30	18	0.231	**0.27**	0.088	**0.10**	-0.09
2	1	Head	N77_H(PC2)	657200	3858	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.42	18	0.251	**0.29**	0.092	**0.11**	0.13
2	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.83	18	0.245	**0.25**	0.092	**0.10**	0.09
2	1	Head	N77_H(PC2)	652400	3786	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.78	18	0.287	**0.30**	0.102	**0.11**	-0.06
2	1	Head	N77_H(PC2)	650000	3750	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.83	18	0.304	**0.32**	0.109	**0.11**	0.08
2	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Tilt Left	0mm	\	17.83	18	0.129	**0.13**	0.055	**0.06**	0.08
2	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	\	17.83	18	0.044	**0.05**	0.019	**0.02**	0.16
2	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Tilt Right	0mm	\	17.83	18	0.048	**0.05**	0.021	**0.02**	-0.11
2	1	Head	N77_H(PC2)	654800	3822	CP-QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.75	18	0.27	**0.29**	0.085	**0.09**	0.09
2	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Front	10mm	\	18.90	19	0.144	**0.15**	0.064	**0.07**	0.08
2	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	10mm	\	18.90	19	0.689	**0.71**	0.282	**0.29**	0.14
2	3	Body	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Right	10mm	F.60	18.77	19	0.938	**0.99**	0.36	**0.38**	0.13
2	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Right	10mm	\	18.90	19	0.746	**0.76**	0.305	**0.31**	0.06
2	3	Body	N77_L(PC2)	630668	3460.02	DFT-s-OFDM QPSK	30K 20M 25_12	Right	10mm	\	18.72	19	0.672	**0.72**	0.258	**0.28**	0.15
2	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Top	10mm	\	18.90	19	0.163	**0.17**	0.08	**0.08**	0.17
2	3	Body	N77_L(PC2)	633334	3500.01	CP-QPSK	30K 20M 25_12	Right	10mm	\	18.85	19	0.763	**0.79**	0.291	**0.30**	0.04
2	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Front	10mm	\	18.87	19	0.144	**0.15**	0.058	**0.06**	-0.03
2	3	Body	N77_H(PC2)	662000	3930	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.63	19	0.58	**0.63**	0.224	**0.24**	-0.08
2	3	Body	N77_H(PC2)	659600	3894	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.30	19	0.635	**0.75**	0.244	**0.29**	-0.11
2	3	Body	N77_H(PC2)	657200	3858	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.44	19	0.688	**0.78**	0.265	**0.30**	0.11
2	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.87	19	0.748	**0.77**	0.286	**0.29**	0.13
2	3	Body	N77_H(PC2)	652400	3786	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.82	19	0.782	**0.82**	0.298	**0.31**	0.03
2	3	Body	N77_H(PC2)	650000	3750	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.86	19	0.827	**0.85**	0.314	**0.32**	0.19
2	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Right	10mm	\	18.87	19	0.639	**0.66**	0.232	**0.24**	0.05
2	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Top	10mm	\	18.87	19	0.176	**0.18**	0.076	**0.08**	0.19
2	3	Body	N77_H(PC2)	654800	3822	CP-QPSK	30K 100M 135_67	Rear	10mm	\	18.78	19	0.746	**0.78**	0.286	**0.30**	0.07
2	3	Body	N77_L(PC2)-ENDC	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Front	10mm	\	16.55	17	0.108	**0.12**	0.046	**0.05**	-0.03
2	3	Body	N77_L(PC2)-ENDC	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	10mm	\	16.55	17	0.321	**0.36**	0.129	**0.14**	-0.1
2	3	Body	N77_L(PC2)-ENDC	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Right	10mm	\	16.55	17	0.448	**0.50**	0.172	**0.19**	0.17
2	3	Body	N77_L(PC2)-ENDC	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Top	10mm	\	16.55	17	0.085	**0.09**	0.039	**0.04**	0.11
2	3	Body	N77_L(PC2)-ENDC	633334	3500.01	CP-QPSK	30K 20M 25_12	Right	10mm	\	16.53	17	0.413	**0.46**	0.146	**0.16**	-0.14
2	3	Body	N77_H(PC2)-ENDC	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Front	10mm	\	16.97	17	0.078	**0.08**	0.032	**0.03**	0.02
2	3	Body	N77_H(PC2)-ENDC	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	16.97	17	0.257	**0.26**	0.101	**0.10**	0.08
2	3	Body	N77_H(PC2)-ENDC	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Right	10mm	\	16.97	17	0.278	**0.28**	0.107	**0.11**	-0.14
2	3	Body	N77_H(PC2)-ENDC	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Top	10mm	\	16.97	17	0.071	**0.07**	0.032	**0.03**	-0.1
2	3	Body	N77_H(PC2)-ENDC	654800	3822	CP-QPSK	30K 100M 135_67	Rear	10mm	\	16.92	17	0.268	**0.27**	0.103	**0.10**	-0.18
2	2	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Front	15mm	\	19.58	20	0.131	**0.14**	0.056	**0.06**	0.06
2	2	Body	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.46	20	0.702	**0.79**	0.295	**0.33**	-0.03
2	2	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.58	20	0.581	**0.64**	0.244	**0.27**	-0.05
2	2	Body	N77_L(PC2)	630668	3460.02	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.44	20	0.496	**0.56**	0.208	**0.24**	0.18
2	2	Body	N77_L(PC2)	633334	3500.01	CP-QPSK	30K 20M 25_12	Rear	15mm	\	19.54	20	0.578	**0.64**	0.244	**0.27**	0.11
2	2	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Front	15mm	\	19.98	20	0.082	**0.08**	0.038	**0.04**	0.11
2	2	Body	N77_H(PC2)	662000	3930	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.63	20	0.33	**0.36**	0.147	**0.16**	0
2	2	Body	N77_H(PC2)	659600	3894	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.29	20	0.36	**0.42**	0.158	**0.19**	-0.12
2	2	Body	N77_H(PC2)	657200	3858	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.43	20	0.4	**0.46**	0.165	**0.19**	-0.04
2	2	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.98	20	0.428	**0.43**	0.186	**0.19**	0.16
2	2	Body	N77_H(PC2)	652400	3786	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.83	20	0.414	**0.43**	0.181	**0.19**	-0.09
2	2	Body	N77_H(PC2)	650000	3750	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.88	20	0.459	**0.47**	0.194	**0.20**	-0.03
2	2	Body	N77_H(PC2)	654800	3822	CP-QPSK	30K 100M 135_67	Rear	15mm	\	19.78	20	0.408	**0.43**	0.174	**0.18**	0.02

6	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Left	0mm	\	16.99	18	0.166	**0.21**	0.078	**0.10**	0.08
6	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Tilt Left	0mm	\	16.99	18	0.184	**0.23**	0.081	**0.10**	0.08
6	1	Head	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Right	0mm	\	16.89	18	0.379	**0.49**	0.168	**0.22**	0.1
6	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Right	0mm	\	16.99	18	0.407	**0.51**	0.173	**0.22**	0.15
6	1	Head	N77_L(PC2)	630668	3460.02	DFT-s-OFDM QPSK	30K 20M 25_12	Cheek Right	0mm	\	16.91	18	0.307	**0.40**	0.142	**0.18**	0.15
6	1	Head	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Tilt Right	0mm	\	16.99	18	0.339	**0.43**	0.137	**0.17**	0.19
6	1	Head	N77_L(PC2)	633334	3500.01	CP-QPSK	30K 20M 25_12	Cheek Right	0mm	\	16.98	18	0.402	**0.51**	0.171	**0.22**	0.1
6	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Left	0mm	\	17.74	18	0.205	**0.22**	0.087	**0.09**	-0.1
6	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Tilt Left	0mm	\	17.74	18	0.219	**0.23**	0.088	**0.09**	-0.07
6	1	Head	N77_H(PC2)	662000	3930	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	\	17.36	18	0.481	**0.56**	0.187	**0.22**	0.07
6	1	Head	N77_H(PC2)	659600	3894	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	\	17.41	18	0.497	**0.57**	0.192	**0.22**	0.18
6	1	Head	N77_H(PC2)	657200	3858	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	\	17.41	18	0.489	**0.56**	0.19	**0.22**	-0.17
6	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	F.59	17.74	18	0.545	**0.58**	0.213	**0.23**	-0.02
6	1	Head	N77_H(PC2)	652400	3786	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	\	17.14	18	0.472	**0.58**	0.185	**0.23**	0.15
6	1	Head	N77_H(PC2)	650000	3750	DFT-s-OFDM QPSK	30K 100M 135_67	Cheek Right	0mm	\	16.88	18	0.447	**0.58**	0.172	**0.22**	-0.09
6	1	Head	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Tilt Right	0mm	\	17.74	18	0.449	**0.48**	0.162	**0.17**	0.16
6	1	Head	N77_H(PC2)	654800	3822	CP-QPSK	30K 100M 135_67	Cheek Right	0mm		17.50	18	0.485	**0.54**	0.189	**0.21**	-0.11
6	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Front	10mm	\	17.99	19	0.125	**0.16**	0.06	**0.08**	-0.11
6	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	10mm	\	17.99	19	0.302	**0.38**	0.136	**0.17**	-0.09
6	3	Body	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Left	10mm	\	17.89	19	0.32	**0.41**	0.13	**0.17**	0.1
6	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Left	10mm	\	17.99	19	0.37	**0.47**	0.154	**0.19**	-0.19
6	3	Body	N77_L(PC2)	630668	3460.02	DFT-s-OFDM QPSK	30K 20M 25_12	Left	10mm	\	17.90	19	0.307	**0.40**	0.124	**0.16**	-0.09
6	3	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Top	10mm	\	17.99	19	0.109	**0.14**	0.051	**0.06**	-0.09
6	3	Body	N77_L(PC2)	633334	3500.01	CP-QPSK	30K 20M 25_12	Left	10mm	\	17.98	19	0.35	**0.44**	0.142	**0.18**	-0.18
6	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Front	10mm	\	18.79	19	0.154	**0.16**	0.076	**0.08**	-0.02
6	3	Body	N77_H(PC2)	662000	3930	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.43	19	0.287	**0.33**	0.114	**0.13**	-0.06
6	3	Body	N77_H(PC2)	659600	3894	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.49	19	0.326	**0.37**	0.125	**0.14**	0.16
6	3	Body	N77_H(PC2)	657200	3858	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.49	19	0.307	**0.35**	0.124	**0.14**	0.05
6	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.79	19	0.364	**0.38**	0.148	**0.16**	-0.04
6	3	Body	N77_H(PC2)	652400	3786	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	18.20	19	0.303	**0.36**	0.115	**0.14**	-0.18
6	3	Body	N77_H(PC2)	650000	3750	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	10mm	\	17.93	19	0.278	**0.36**	0.102	**0.13**	0.19
6	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Left	10mm	\	18.79	19	0.281	**0.29**	0.128	**0.13**	0.03
6	3	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Top	10mm	\	18.79	19	0.153	**0.16**	0.069	**0.07**	-0.11
6	3	Body	N77_H(PC2)	654800	3822	CP-QPSK	30K 100M 135_67	Rear	10mm	\	18.57	19	0.311	**0.34**	0.114	**0.13**	-0.11
6	2	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Front	15mm	\	19.89	21	0.107	**0.14**	0.05	**0.06**	-0.11
6	2	Body	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.67	21	0.206	**0.28**	0.092	**0.12**	0.1
6	2	Body	N77_L(PC2)	633334	3500.01	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.89	21	0.232	**0.30**	0.106	**0.14**	0.02
6	2	Body	N77_L(PC2)	630668	3460.02	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	15mm	\	19.60	21	0.201	**0.28**	0.095	**0.13**	-0.1
6	2	Body	N77_L(PC2)	633334	3500.01	CP-QPSK	30K 20M 25_12	Rear	15mm	\	19.69	21	0.181	**0.24**	0.085	**0.11**	-0.06
6	2	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Front	15mm	\	20.89	21	0.16	**0.16**	0.075	**0.08**	-0.18
6	2	Body	N77_H(PC2)	662000	3930	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	20.39	21	0.268	**0.31**	0.117	**0.13**	-0.07
6	2	Body	N77_H(PC2)	659600	3894	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	20.44	21	0.267	**0.30**	0.114	**0.13**	0.13
6	2	Body	N77_H(PC2)	657200	3858	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	20.45	21	0.273	**0.31**	0.119	**0.14**	-0.02
6	2	Body	N77_H(PC2)	654800	3822	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	20.89	21	0.249	**0.26**	0.118	**0.12**	-0.15
6	2	Body	N77_H(PC2)	652400	3786	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	20.13	21	0.278	**0.34**	0.126	**0.15**	0.11
6	2	Body	N77_H(PC2)	650000	3750	DFT-s-OFDM QPSK	30K 100M 135_67	Rear	15mm	\	19.83	21	0.227	**0.30**	0.092	**0.12**	0.17
6	2	Body	N77_H(PC2)	654800	3822	CP-QPSK	30K 100M 135_67	Rear	15mm	\	20.57	21	0.242	**0.27**	0.115	**0.13**	0.08

13.2 SAR results for WLAN/BT

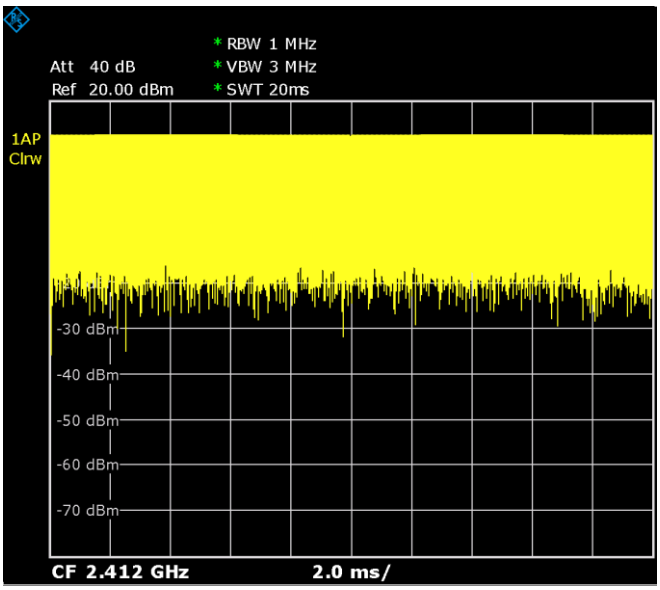
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures.

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.

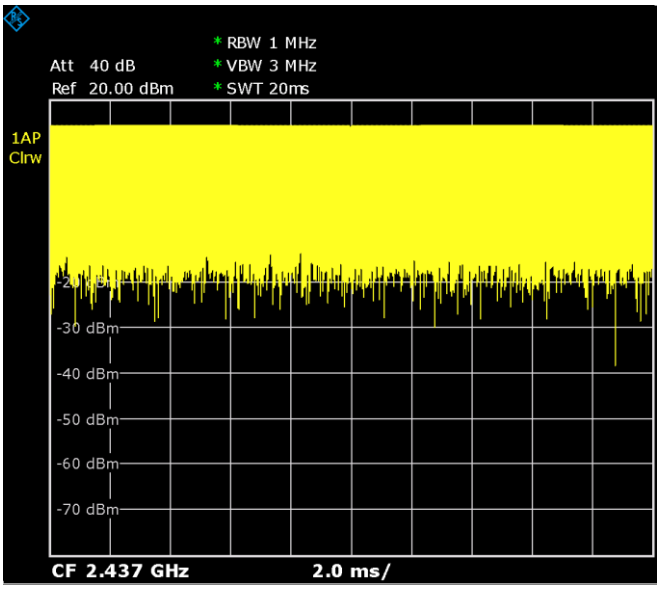
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

Duty factor plot

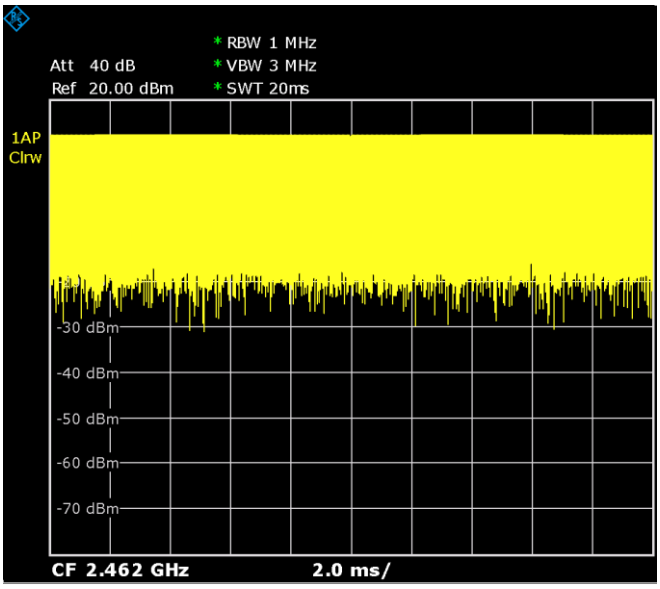
CH1



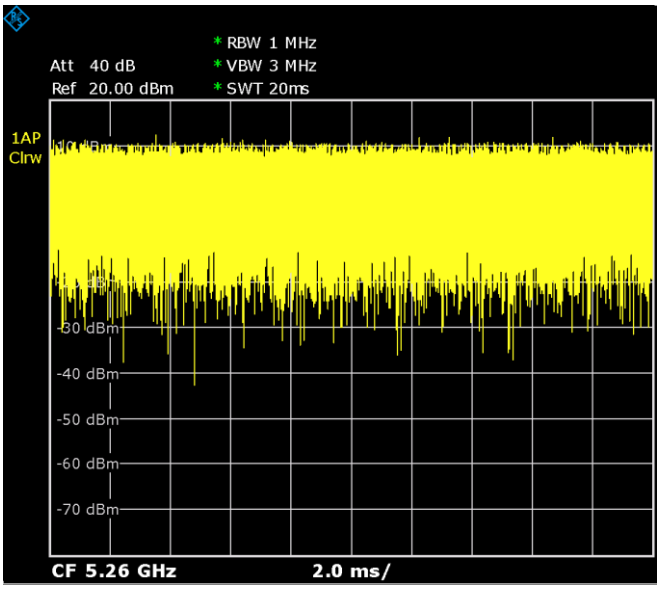
CH6



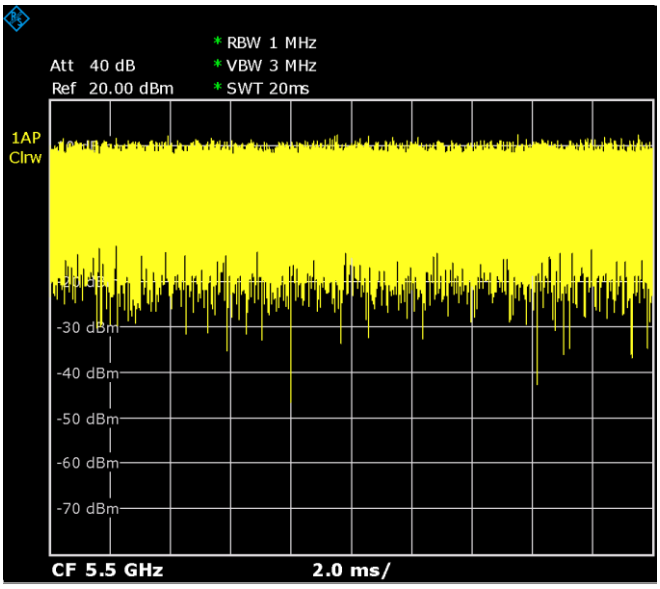
CH11



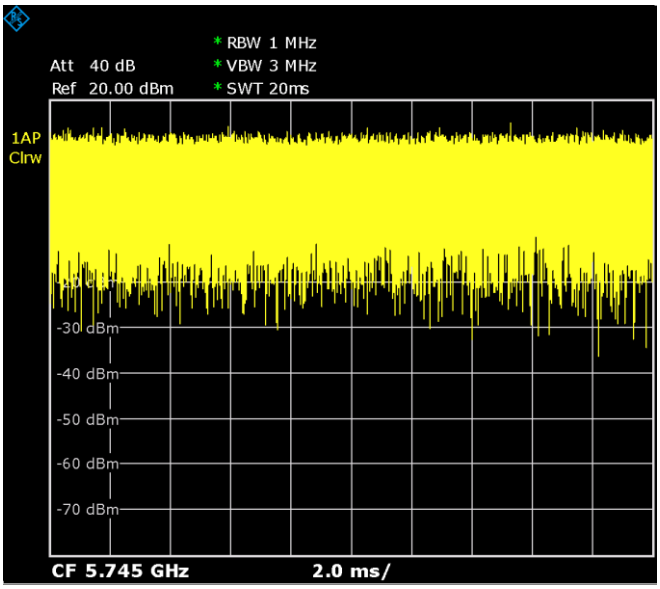
CH52



CH100



CH149



WLAN 2.4G

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
7	Set0	Head	WLAN 2.4G	1	2412	11b	Left Cheek	0mm	F.61	17.94	18.5	100.0%	0.747	**0.85**	0.361	**0.41**	0.01
7	Set0	Head	WLAN 2.4G	6	2437	11b	Left Cheek	0mm	\	17.72	18.5	100.0%	0.702	**0.84**	0.305	**0.37**	-0.09
7	Set0	Head	WLAN 2.4G	1	2412	11b	Left Tilt	0mm	\	17.94	18.5	100.0%	0.670	**0.76**	0.292	**0.33**	0.14
7	Set0	Head	WLAN 2.4G	1	2412	11b	Right Cheek	0mm	\	17.94	18.5	100.0%	0.410	**0.47**	0.200	**0.23**	0.18
7	Set0	Head	WLAN 2.4G	1	2412	11b	Right Tilt	0mm	\	17.94	18.5	100.0%	0.410	**0.47**	0.180	**0.20**	0.16
7	Set2	Head	WLAN 2.4G	1	2412	11b	Left Cheek	0mm	\	10.42	11.5	100.0%	0.102	**0.13**	0.047	**0.06**	0.12
7	Set2	Head	WLAN 2.4G	1	2412	11b	Left Tilt	0mm	\	10.42	11.5	100.0%	0.094	**0.12**	0.041	**0.05**	0.17
7	Set2	Head	WLAN 2.4G	1	2412	11b	Right Cheek	0mm	\	10.42	11.5	100.0%	0.055	**0.07**	0.026	**0.03**	-0.09
7	Set2	Head	WLAN 2.4G	1	2412	11b	Right Tilt	0mm	\	10.42	11.5	100.0%	0.054	**0.07**	0.024	**0.03**	0.1
7	Set1	Body	WLAN 2.4G	1	2412	11b	Front	10mm	\	19.77	20.5	100.0%	0.318	**0.38**	0.174	**0.21**	0.03
7	Set1	Body	WLAN 2.4G	1	2412	11b	Rear	10mm	\	19.77	20.5	100.0%	0.389	**0.46**	0.207	**0.24**	-0.02
7	Set1	Body	WLAN 2.4G	1	2412	11b	Right	10mm	F.62	19.77	20.5	100.0%	0.407	**0.48**	0.211	**0.25**	0.12
7	Set1	Body	WLAN 2.4G	1	2412	11b	Top	10mm	\	19.77	20.5	100.0%	0.200	**0.24**	0.107	**0.13**	-0.07
7	Set3	Body	WLAN 2.4G	1	2412	11b	Front	10mm	\	14.38	15.8	100.0%	0.080	**0.11**	0.044	**0.06**	0.08
7	Set3	Body	WLAN 2.4G	1	2412	11b	Rear	10mm	\	14.38	15.8	100.0%	0.114	**0.16**	0.061	**0.08**	0.04
7	Set3	Body	WLAN 2.4G	1	2412	11b	Right	10mm	\	14.38	15.8	100.0%	0.111	**0.15**	0.057	**0.08**	-0.08
7	Set3	Body	WLAN 2.4G	1	2412	11b	Top	10mm	\	14.38	15.8	100.0%	0.057	**0.08**	0.028	**0.04**	-0.01
7	Set4	Body	WLAN 2.4G	1	2412	11b	Front	15mm	\	11.22	12.5	100.0%	<0.01	**<0.01**	<0.01	**<0.01**	\
7	Set4	Body	WLAN 2.4G	1	2412	11b	Rear	15mm	\	11.22	12.5	100.0%	0.0217	**0.03**	0.0118	**0.02**	0.08

WLAN 5G

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
7	Set0	Head	WLAN 5G	52	5260	11a	Left Cheek	0mm	\	14.86	15.5	100.0%	0.445	**0.52**	0.154	**0.18**	-0.1
7	Set0	Head	WLAN 5G	52	5260	11a	Left Tilt	0mm	\	14.86	15.5	100.0%	0.410	**0.48**	0.138	**0.16**	0.05
7	Set0	Head	WLAN 5G	52	5260	11a	Right Cheek	0mm	\	14.86	15.5	100.0%	0.180	**0.21**	0.073	**0.08**	0.13
7	Set0	Head	WLAN 5G	52	5260	11a	Right Tilt	0mm	\	14.86	15.5	100.0%	0.175	**0.20**	0.071	**0.08**	0.19
7	Set0	Head	WLAN 5G	100	5500	11a	Left Cheek	0mm	\	15.02	15.5	100.0%	0.537	**0.60**	0.190	**0.21**	0.11
7	Set0	Head	WLAN 5G	100	5500	11a	Left Tilt	0mm	\	15.02	15.5	100.0%	0.510	**0.57**	0.173	**0.19**	0.14
7	Set0	Head	WLAN 5G	100	5500	11a	Right Cheek	0mm	\	15.02	15.5	100.0%	0.193	**0.22**	0.074	**0.08**	0.11
7	Set0	Head	WLAN 5G	100	5500	11a	Right Tilt	0mm	\	15.02	15.5	100.0%	0.196	**0.22**	0.073	**0.08**	0.04
7	Set0	Head	WLAN 5G	149	5745	11a	Left Cheek	0mm	F.63	14.67	15.5	100.0%	0.818	**0.99**	0.271	**0.33**	0.01
7	Set0	Head	WLAN 5G	165	5825	11a	Left Cheek	0mm	\	14.55	15.5	100.0%	0.726	**0.90**	0.205	**0.26**	-0.08
7	Set0	Head	WLAN 5G	149	5745	11a	Left Tilt	0mm	\	14.67	15.5	100.0%	0.750	**0.91**	0.235	**0.28**	0.11
7	Set0	Head	WLAN 5G	165	5825	11a	Left Tilt	0mm	\	14.55	15.5	100.0%	0.708	**0.88**	0.198	**0.25**	-0.12
7	Set0	Head	WLAN 5G	149	5745	11a	Right Cheek	0mm	\	14.67	15.5	100.0%	0.311	**0.38**	0.113	**0.14**	-0.06
7	Set0	Head	WLAN 5G	149	5745	11a	Right Tilt	0mm	\	14.67	15.5	100.0%	0.324	**0.39**	0.122	**0.15**	-0.17
7	Set2	Head	WLAN 5G	52	5260	11a	Left Cheek	0mm	\	10.77	11.0	100.0%	0.069	**0.07**	0.026	**0.03**	0.18
7	Set2	Head	WLAN 5G	52	5260	11a	Left Tilt	0mm	\	10.77	11.0	100.0%	0.068	**0.07**	0.023	**0.02**	0.2
7	Set2	Head	WLAN 5G	52	5260	11a	Right Cheek	0mm	\	10.77	11.0	100.0%	0.040	**0.04**	0.013	**0.01**	-0.04
7	Set2	Head	WLAN 5G	52	5260	11a	Right Tilt	0mm	\	10.77	11.0	100.0%	0.036	**0.04**	0.013	**0.01**	0.04
7	Set2	Head	WLAN 5G	100	5500	11a	Left Cheek	0mm	\	10.76	11.0	100.0%	0.079	**0.08**	0.028	**0.03**	0.14
7	Set2	Head	WLAN 5G	100	5500	11a	Left Tilt	0mm	\	10.76	11.0	100.0%	0.065	**0.07**	0.021	**0.02**	-0.1
7	Set2	Head	WLAN 5G	100	5500	11a	Right Cheek	0mm	\	10.76	11.0	100.0%	0.040	**0.04**	0.012	**0.01**	-0.01
7	Set2	Head	WLAN 5G	100	5500	11a	Right Tilt	0mm	\	10.76	11.0	100.0%	0.030	**0.03**	0.012	**0.01**	-0.12
7	Set2	Head	WLAN 5G	149	5745	11a	Left Cheek	0mm	\	10.32	11.0	100.0%	0.108	**0.13**	0.032	**0.04**	0.06
7	Set2	Head	WLAN 5G	149	5745	11a	Left Tilt	0mm	\	10.32	11.0	100.0%	0.122	**0.14**	0.038	**0.04**	0.06
7	Set2	Head	WLAN 5G	149	5745	11a	Right Cheek	0mm	\	10.32	11.0	100.0%	0.043	**0.05**	0.016	**0.02**	0.2
7	Set2	Head	WLAN 5G	149	5745	11a	Right Tilt	0mm	\	10.32	11.0	100.0%	0.056	**0.07**	0.022	**0.03**	-0.12
7	Set1	Body	WLAN 5G	52	5260	11a	Front	10mm	\	18.55	19.5	100.0%	0.268	**0.33**	0.115	**0.14**	0.17
7	Set1	Body	WLAN 5G	52	5260	11a	Rear	10mm	\	18.55	19.5	100.0%	0.058	**0.07**	0.012	**0.01**	0.03
7	Set1	Body	WLAN 5G	52	5260	11a	Right	10mm	\	18.55	19.5	100.0%	0.034	**0.04**	0.007	**0.01**	-0.02
7	Set1	Body	WLAN 5G	52	5260	11a	Top	10mm	\	18.55	19.5	100.0%	0.102	**0.13**	0.031	**0.04**	0.11
7	Set1	Body	WLAN 5G	100	5500	11a	Front	10mm	\	19.13	19.5	100.0%	0.354	**0.39**	0.145	**0.16**	0.18
7	Set1	Body	WLAN 5G	100	5500	11a	Rear	10mm	\	19.13	19.5	100.0%	0.526	**0.57**	0.202	**0.22**	0.14
7	Set1	Body	WLAN 5G	100	5500	11a	Right	10mm	\	19.13	19.5	100.0%	0.396	**0.43**	0.164	**0.18**	-0.08
7	Set1	Body	WLAN 5G	100	5500	11a	Top	10mm	\	19.13	19.5	100.0%	0.347	**0.38**	0.133	**0.14**	0.08
7	Set1	Body	WLAN 5G	149	5745	11a	Front	10mm	\	18.75	19.5	100.0%	0.468	**0.56**	0.193	**0.23**	0
7	Set1	Body	WLAN 5G	149	5745	11a	Rear	10mm	F.64	18.75	19.5	100.0%	0.903	**1.07**	0.337	**0.40**	-0.08
7	Set1	Body	WLAN 5G	153	5765	11a	Rear	10mm	\	18.65	19.5	100.0%	0.708	**0.86**	0.302	**0.37**	0.16
7	Set1	Body	WLAN 5G	149	5745	11a	Right	10mm	\	18.75	19.5	100.0%	0.546	**0.65**	0.217	**0.26**	-0.07
7	Set1	Body	WLAN 5G	149	5745	11a	Top	10mm	\	18.75	19.5	100.0%	0.411	**0.49**	0.165	**0.20**	-0.06
7	Set3	Body	WLAN 5G	52	5260	11a	Front	10mm	\	14.05	14.5	100.0%	0.047	**0.05**	0.012	**0.01**	-0.06
7	Set3	Body	WLAN 5G	52	5260	11a	Rear	10mm	\	14.05	14.5	100.0%	0.193	**0.21**	0.059	**0.07**	0.01
7	Set3	Body	WLAN 5G	52	5260	11a	Right	10mm	\	14.05	14.5	100.0%	0.034	**0.04**	0.008	**0.01**	0.05
7	Set3	Body	WLAN 5G	52	5260	11a	Top	10mm	\	14.05	14.5	100.0%	0.028	**0.03**	0.005	**0.01**	0
7	Set3	Body	WLAN 5G	100	5500	11a	Front	10mm	\	14.20	14.5	100.0%	0.098	**0.11**	0.029	**0.03**	0.19
7	Set3	Body	WLAN 5G	100	5500	11a	Rear	10mm	\	14.20	14.5	100.0%	0.123	**0.13**	0.038	**0.04**	-0.08
7	Set3	Body	WLAN 5G	100	5500	11a	Right	10mm	\	14.20	14.5	100.0%	0.120	**0.13**	0.042	**0.05**	0.01
7	Set3	Body	WLAN 5G	100	5500	11a	Top	10mm	\	14.20	14.5	100.0%	0.098	**0.11**	0.033	**0.04**	0.2
7	Set3	Body	WLAN 5G	149	5745	11a	Front	10mm	\	13.74	14.5	100.0%	0.138	**0.16**	0.049	**0.06**	0.19
7	Set3	Body	WLAN 5G	149	5745	11a	Rear	10mm	\	13.74	14.5	100.0%	0.278	**0.33**	0.093	**0.11**	-0.03
7	Set3	Body	WLAN 5G	149	5745	11a	Right	10mm	\	13.74	14.5	100.0%	0.140	**0.17**	0.049	**0.06**	0.02
7	Set3	Body	WLAN 5G	149	5745	11a	Top	10mm	\	13.74	14.5	100.0%	0.110	**0.13**	0.039	**0.05**	-0.04
7	Set4	Body	WLAN 5G	52	5260	11a	Front	15mm	\	11.59	12.0	100.0%	0.025	**0.03**	0.008	**0.01**	0.09
7	Set4	Body	WLAN 5G	52	5260	11a	Rear	15mm	\	11.59	12.0	100.0%	0.025	**0.03**	0.007	**0.01**	0.07
7	Set4	Body	WLAN 5G	100	5500	11a	Front	15mm	\	11.55	12.0	100.0%	0.060	**0.07**	0.015	**0.02**	0.05
7	Set4	Body	WLAN 5G	100	5500	11a	Rear	15mm	\	11.55	12.0	100.0%	0.069	**0.08**	0.018	**0.02**	0.16
7	Set4	Body	WLAN 5G	149	5745	11a	Front	15mm	\	10.95	12.0	100.0%	0.052	**0.07**	0.015	**0.02**	-0.15
7	Set4	Body	WLAN 5G	149	5745	11a	Rear	15mm	\	10.95	12.0	100.0%	0.096	**0.12**	0.039	**0.05**	0.03

BT

Test Position	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
Head	BT	39	2441	GFSK	Cheek Left	0mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Head	BT	39	2441	GFSK	Tilt Left	0mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Head	BT	39	2441	GFSK	Cheek Right	0mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Head	BT	39	2441	GFSK	Tilt Right	0mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Body	BT	39	2441	GFSK	Front	10mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Body	BT	39	2441	GFSK	Rear	10mm	F.65	9.42	9.5	0.014	**0.01**	0.007	**0.01**	0.19
Body	BT	39	2441	GFSK	Left	10mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Body	BT	39	2441	GFSK	Right	10mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Body	BT	39	2441	GFSK	Bottom	10mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\
Body	BT	39	2441	GFSK	Top	10mm	\	9.42	9.5	<0.01	<0.01	<0.01	<0.01	\

NFC

RF Exposure Conditions	Frequency Band	Frequency (MHz)	Test setup	Distance	Figure No.	SAR 1g (W/kg)	SAR 10g (W/kg)	Power Drift
Head	NFC	13.56	Cheek Left	0mm	\	<0.01	<0.01	\
Head	NFC	13.56	Tilt Left	0mm	\	<0.01	<0.01	\
Head	NFC	13.56	Cheek Right	0mm	\	<0.01	<0.01	\
Head	NFC	13.56	Tilt Right	0mm	\	<0.01	<0.01	\
Body	NFC	13.56	Front	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Rear	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Left	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Right	10mm	\	<0.01	<0.01	\

13.3 SAR Evaluation for Phablet

According to the KDB648474 D04, for smart phones, with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, that can provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets and support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance.

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB Publication 865664 D01 to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold. The normal tablet procedures in KDB Publication 616217 are required when the overall diagonal dimension of the device is > 20.0 cm. Hotspot mode SAR is not required when normal tablet procedures are applied. Extremity 10-g SAR is also not required for the front (top) surface of larger form factor full size tablets. The more conservative normal tablet SAR results can be used to support phablet mode 10-g extremity SAR.
3. The simultaneous transmission operating configurations applicable to voice and data transmissions for both phone and mini-tablet modes must be taken into consideration separately for 1-g and 10-g SAR to determine the simultaneous transmission SAR test exclusion and measurement requirements for the relevant wireless modes and exposure conditions

ANT	Frequency Band	Test Position	EUT Measured Power (dBm)	Hotspot off tune-up Power (dBm)	Measured SAR 1g (W/kg)	Adjusted SAR(1g)(W/kg)	Test reduction threshold
2	LTE Band2	Rear	22.35	23.50	0.51	**0.67**	
1	LTE Band2	Bottom	19.46	22.50	0.52	**1.05**	
2	LTE Band4	Right	22.09	23.50	0.24	**0.34**	
4	LTE Band7	Rear	18.38	19.50	0.71	**0.92**	
2	LTE Band25	Rear	22.35	23.50	0.50	**0.65**	
6	LTE Band30	Rear	22.34	23.50	0.89	**1.16**	
6	LTE Band30-ENDC/ULCA	Rear	18.65	22.50	0.49	**1.18**	
4	LTE Band41 PC2	Rear	23.59	25.50	0.92	**1.43**	
4	LTE Band41 PC3	Rear	20.62	22.50	0.59	**0.91**	
2	LTE Band66	Rear	22.19	23.50	0.36	**0.48**	
2	LTE Band66-ENDC/ULCA	Rear	20.96	22.50	0.23	**0.33**	
1	LTE Band66	Bottom	18.72	21.50	0.52	**0.98**	1.2W/kg
2	N2	Rear	21.49	24.00	0.55	**0.98**	
2	N25	Rear	20.40	24.00	0.52	**1.18**	
6	N30	Rear	19.37	23.00	0.78	**1.80**	
4	N41 (PC2)	Rear	18.11	20.50	1.03	**1.79**	
2	N48	Rear	18.55	20.00	0.98	**1.37**	
2	N66	Rear	20.84	22.00	0.39	**0.51**	
2	N70	Rear	21.18	24.00	0.31	**0.59**	
2	N77_L(PC2)	Right	18.77	20.00	0.94	**1.25**	
2	N77_H(PC2)	Rear	18.86	20.00	0.83	**1.08**	
6	N77_L(PC2)	Left	17.99	21.00	0.37	**0.74**	
6	N77_H(PC2)	Rear	18.79	21.00	0.36	**0.61**	

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	SRS/BWRB	Test setup	Distance	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	Body	LTE Band41	40620	2593	\	1RB-Middle	Rear	0mm	24.59	25.50	5.88	7.25	2.20	2.71	-0.11
6	Body	N30	462000	2310	DFT-s-OFDM QPSK	15K 5M 12_6	Rear	0mm	22.50	23.00	4.62	5.18	1.98	2.22	-0.19
4	Body	N41 (PC2)	518598	2592.99	DFT-s-OFDM QPSK	30K 10M 12_6	Rear	0mm	20.17	20.50	7.23	7.80	2.64	2.85	0.02
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	30K 20M 25_12	Rear	0mm	19.68	20.00	4.57	4.92	1.53	1.65	0.02
2	Body	N77_L(PC2)	636000	3540	DFT-s-OFDM QPSK	30K 20M 25_12	Right	0mm	19.54	20.00	7.82	8.69	1.99	2.21	-0.03
7	Body	WLAN 5G	149	5745	11a	\	Rear	0mm	13.74	14.50	0.66	0.79	0.20	0.24	0.17

14 SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

ANT	DSI	Band	Frequency		Mode	Test Position	Distance (mm)	Highest Measured SAR (W/kg)	First Repeated SAR (W/kg)	The Ratio	Second Repeated SAR (W/kg)
			Ch.	MHz							
0	1	GSM850	128	824.2	GPRS(4TX)	Right Tilt	0mm	0.924	0.902	1.02	/
6	1	LTE Band30	27710	2310	1RB-Middle	Right Cheek	0mm	1.07	0.989	1.08	/
6	3	LTE Band30	27710	2310	1RB-Middle	Rear	10mm	0.890	0.856	1.04	/
4	3	LTE Band41 PC2	40620	2593	1RB-Middle	Rear	10mm	0.920	0.914	1.01	/
6	1	N30	462500	2312.5	15K 5M 12_6	Cheek Right	0mm	1.02	0.993	1.03	/
4	1	N41 (PC2)	509406	2555.02	30K 10M 12_6	Cheek Right	0mm	0.867	0.851	1.02	/
4	3	N41 (PC2)	509406	2555.02	30K 10M 12_6	Rear	10mm	1.03	0.983	1.05	/
2	3	N48	637334	3560.01	30K 20M 25_12	Rear	10mm	0.982	0.958	1.03	/
2	3	N77_L(PC2)	636000	3540	30K 20M 25_12	Right	10mm	0.938	0.908	1.03	/
2	3	N77_H(PC2)	650000	3750	30K 100M 135_67	Rear	10mm	0.827	0.811	1.02	/
7	Set0	WLAN 5G	149	5745	11a	Left Cheek	0mm	0.818	0.796	1.03	/
7	Set1	WLAN 5G	149	5745	11a	Rear	10mm	0.903	0.863	1.05	/

15 Evaluation of Simultaneous

15.1 Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as WLAN and Bluetooth devices which may simultaneously transmit with the licensed transmitter. KDB 447498 D01 provides two procedures for determining simultaneous transmission SAR test exclusion: Sum of SAR and SAR to Peak Location Ratio (SPLSR)

15.1.1 Sum of SAR

To qualify for simultaneous transmission SAR test exclusion based upon Sum of SAR the sum of the reported standalone SARs for all simultaneously transmitting antennas shall be below the applicable standalone SAR limit. If the sum of the SARs is above the applicable limit then simultaneous transmission SAR test exclusion may still apply if the requirements of the SAR to Peak Location Ratio (SPLSR) evaluation are met.

15.1.2 SAR to Peak Location Ratio (SPLSR)

KDB 447498 D01 General RF Exposure Guidance explains how to calculate the SAR to Peak Location Ratio (SPLSR) between pairs of simultaneously transmitting antennas:

$SPLSR = (SAR1 + SAR2)^{1.5} /Ri$

Where:

SAR1 is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition.

SAR2 is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first .

Ri is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of

$[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$

In order for a pair of simultaneous transmitting antennas with the sum of 1-g SAR > 1.6 W/kg to qualify for exemption from Simultaneous Transmission SAR measurements, it has to satisfy the condition of:

$(SAR1 + SAR2)^{1.5} /Ri \leqslant 0.04$

When an individual antenna transmits at on two bands simultaneously, the sum of the highest reported SAR for the frequency bands should be used to determine SAR1 or SAR2. When SPLSR is necessary, the smallest distance between the peak SAR locations for the antenna pair with respect to the peaks from each antenna should be used.

15.2 Simultaneous Transmission Capabilities

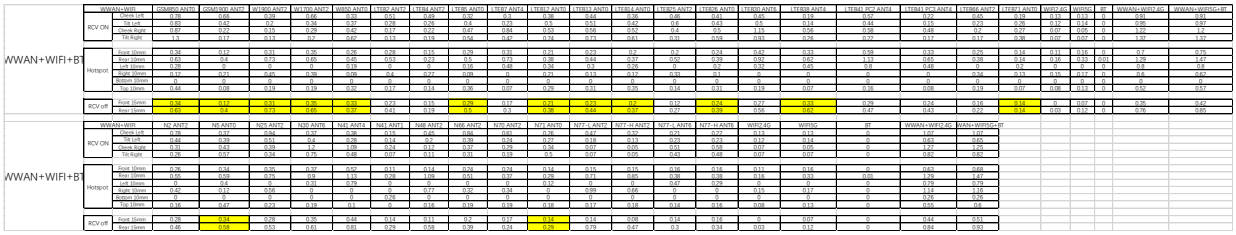
The simultaneous transmission possibilities for this device are listed as below:

Capable Transmit Conf igurations	Head	Body	Product Specific 10-g (0mm)
WWAN + BT	Yes	Yes	Yes
WWAN + Wi-Fi 2.4G	Yes	Yes	Yes
WWAN + Wi-Fi 5G	Yes	Yes	Yes
WWAN + Wi-Fi 5G+BT	Yes	Yes	Yes

Note:

1. Wi-Fi 2.4GHz & Bluetooth can not transmit simultaneously.
2. The reported SAR summation is calculated based on the same configuration and test position.
3. For the devices edges with antennas more than 2.5 cm from edge are not required to be evaluated for SAR, we determined the SAR of this edges were less than 0.01. For the convenience of simultaneous transmission calculation, all SAR values less than 0.01 are uniformly written as 0.00
4. Yellow highlight： SAR result at 10mm is used for conservative evaluation.

15.3 SAR Simultaneous Transmission Analysis



PC1.5+WIFI+BT

WWAN+WIFI		N41 ANT4	N41 ANT1	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.38	0.15	0.13	0.13	0	0.66	0.66
	Tilt Left	0.28	0.14	0.12	0.14	0	0.54	0.56
	Cheek Right	1.09	0.24	0.07	0.05	0	1.4	1.38
	Tilt Right	0.48	0.07	0.07	0.07	0	0.62	0.62
RCV off	Front 10mm	0.34	0.11	0.11	0.16	0	0.56	0.61
	Rear 10mm	0.76	0.28	0.16	0.33	0.01	1.2	1.38
	Left 10mm	0.53	0	0	0	0	0.53	0.53
	Right 10mm	0	0	0.15	0.17	0	0.15	0.17
	Bottom 10mm	0	0.26	0	0	0	0.26	0.26
	Top 10mm	0.08	0	0.08	0.13	0	0.16	0.21
RCV off	Front 15mm	0.34	0.14	0	0.07	0	0.48	0.55
	Rear 15mm	0.76	0.29	0.03	0.12	0	1.08	1.17

WWAN+WIFI		N77-L ANT2	N77-H ANT2	N77-L ANT6	N77-H ANT6	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.47	0.32	0.21	0.22	0.13	0.13	0	0.82	0.82
	Tilt Left	0.18	0.13	0.23	0.23	0.12	0.14	0	0.53	0.55
	Cheek Right	0.07	0.05	0.51	0.58	0.07	0.05	0	0.72	0.7
	Tilt Right	0.07	0.05	0.43	0.48	0.07	0.07	0	0.62	0.62
RCV off	Front 10mm	0.12	0.08	0.16	0.16	0.11	0.16	0	0.39	0.44
	Rear 10mm	0.36	0.26	0.38	0.38	0.16	0.33	0.01	0.9	1.08
	Left 10mm	0	0	0.47	0.29	0	0	0	0.47	0.47
	Right 10mm	0.50	0.28	0	0	0.15	0.17	0	0.65	0.67
	Bottom 10mm	0	0	0	0	0	0	0	0	0
	Top 10mm	0.09	0.07	0.14	0.16	0.08	0.13	0	0.33	0.38
RCV off	Front 15mm	0.14	0.08	0.14	0.16	0	0.07	0	0.3	0.37
	Rear 15mm	0.79	0.47	0.3	0.34	0.03	0.12	0	1.16	1.25

ULCA+WIFI+BT

WWAN+WIFI		LTEB2 ANT2	LTEB5 ANT0	LTEB12 ANT0	LTEB14 ANT0	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.33	0.25	0.25	0.36	0.13	0.13	0	0.82	0.82
	Tilt Left	0.2	0.27	0.24	0.42	0.12	0.14	0	0.74	0.76
	Cheek Right	0.12	0.29	0.33	0.52	0.07	0.05	0	0.71	0.69
	Tilt Right	0.1	0.36	0.37	0.61	0.07	0.07	0	0.78	0.78
RCV off	Front 10mm	0.25	0.29	0.21	0.2	0.11	0.16	0	0.65	0.7
	Rear 10mm	0.41	0.5	0.38	0.37	0.16	0.33	0.01	1.07	1.25
	Left 10mm	0	0.16	0.34	0.26	0	0	0	0.34	0.34
	Right 10mm	0.38	0.09	0.21	0.12	0.15	0.17	0	0.74	0.76
	Bottom 10mm	0	0	0	0	0	0	0	0	0
	Top 10mm	0.17	0.36	0.29	0.35	0.08	0.13	0	0.61	0.66
RCV off	Front 15mm	0.16	0.29	0.21	0.2	0	0.07	0	0.45	0.52
	Rear 15mm	0.25	0.5	0.38	0.37	0.03	0.12	0	0.78	0.87

WWAN+WIFI		LTEB4 ANT2	LTEB12 ANT0	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.25	0.25	0.13	0.13	0	0.63	0.63
	Tilt Left	0.14	0.24	0.12	0.14	0	0.5	0.52
	Cheek Right	0.12	0.33	0.07	0.05	0	0.52	0.5
	Tilt Right	0.08	0.37	0.07	0.07	0	0.52	0.52
RCV off	Front 10mm	0.15	0.21	0.11	0.16	0	0.47	0.52
	Rear 10mm	0.24	0.38	0.16	0.33	0.01	0.78	0.96
	Left 10mm	0	0.34	0	0	0	0.34	0.34
	Right 10mm	0.19	0.21	0.15	0.17	0	0.55	0.57
	Bottom 10mm	0	0	0	0	0	0	0
	Top 10mm	0.13	0.29	0.08	0.13	0	0.5	0.55
RCV off	Front 15mm	0.14	0.21	0	0.07	0	0.35	0.42
	Rear 15mm	0.19	0.38	0.03	0.12	0	0.6	0.69

WWAN+WIFI		LTEB5 ANT0	LTEB30 ANT6	LTEB66 ANT2	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.25	0.17	0.26	0.13	0.13	0	0.64	0.64
	Tilt Left	0.27	0.19	0.15	0.12	0.14	0	0.58	0.6
	Cheek Right	0.29	0.48	0.13	0.07	0.05	0	0.84	0.82
	Tilt Right	0.36	0.34	0.09	0.07	0.07	0	0.77	0.77
RCV off	Front 10mm	0.29	0.3	0.17	0.11	0.16	0	0.7	0.75
	Rear 10mm	0.5	0.59	0.26	0.16	0.33	0.01	1.25	1.43
	Left 10mm	0.16	0.18	0	0	0	0	0.34	0.34
	Right 10mm	0.09	0	0.24	0.15	0.17	0	0.48	0.5
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.36	0.11	0.14	0.08	0.13	0	0.58	0.63
RCV off	Front 15mm	0.29	0.3	0.09	0	0.07	0	0.59	0.66
	Rear 15mm	0.5	0.54	0.13	0.03	0.12	0	1.07	1.16

WWAN+WIFI		LTEB12 ANT0	LTEB30 ANT6	LTEB66 ANT2	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.25	0.17	0.26	0.13	0.13	0	0.64	0.64
	Tilt Left	0.24	0.19	0.15	0.12	0.14	0	0.55	0.57
	Cheek Right	0.33	0.48	0.13	0.07	0.05	0	0.88	0.86
	Tilt Right	0.37	0.34	0.09	0.07	0.07	0	0.78	0.78
RCV off	Front 10mm	0.21	0.3	0.17	0.11	0.16	0	0.62	0.67
	Rear 10mm	0.38	0.59	0.26	0.16	0.33	0.01	1.13	1.31
	Left 10mm	0.34	0.18	0	0	0	0	0.52	0.52
	Right 10mm	0.21	0	0.24	0.15	0.17	0	0.6	0.62
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.29	0.11	0.14	0.08	0.13	0	0.51	0.56
RCV off	Front 15mm	0.21	0.3	0.09	0	0.07	0	0.51	0.58
	Rear 15mm	0.38	0.54	0.13	0.03	0.12	0	0.95	1.04

WWAN+WIFI		LTEB14 ANT0	LTEB30 ANT6	LTEB66 ANT2	WIFI2.4G	WIFI5G	BT	ULCA+WIFI2.4G	ULCA+WIFI5G+BT
RCV ON	Cheek Left	0.36	0.17	0.26	0.13	0.13	0	0.75	0.75
	Tilt Left	0.42	0.19	0.15	0.12	0.14	0	0.73	0.75
	Cheek Right	0.52	0.48	0.13	0.07	0.05	0	1.07	1.05
	Tilt Right	0.61	0.34	0.09	0.07	0.07	0	1.02	1.02
RCV off	Front 10mm	0.2	0.3	0.17	0.11	0.16	0	0.61	0.66
	Rear 10mm	0.37	0.59	0.26	0.16	0.33	0.01	1.12	1.3
	Left 10mm	0.26	0.18	0	0	0	0	0.44	0.44
	Right 10mm	0.12	0	0.24	0.15	0.17	0	0.51	0.53
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.35	0.11	0.14	0.08	0.13	0	0.57	0.62
RCV off	Front 15mm	0.2	0.3	0.09	0	0.07	0	0.5	0.57
	Rear 15mm	0.37	0.54	0.13	0.03	0.12	0	0.94	1.03

NSA+WIFI+BT

WWAN+WIFI		LTEB2 ANT1	N2 ANT2	N66 ANT2	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.11	0.44	0.37	0.13	0.13	0	0.68	0.68
	Tilt Left	0.09	0.23	0.17	0.12	0.14	0	0.44	0.46
	Cheek Right	0.12	0.17	0.15	0.07	0.05	0	0.36	0.34
	Tilt Right	0.1	0.15	0.13	0.07	0.07	0	0.32	0.32
RCV off	Front 10mm	0.22	0.26	0.24	0.11	0.16	0	0.59	0.64
	Rear 10mm	0.62	0.55	0.51	0.16	0.33	0.01	1.33	1.51
	Left 10mm	0	0	0	0	0	0	0	0
	Right 10mm	0.13	0.42	0.32	0.15	0.17	0	0.7	0.72
	Bottom 10mm	0.66	0	0	0	0	0	0.66	0.66
	Top 10mm	0	0.16	0.19	0.08	0.13	0	0.27	0.32
RCV off	Front 15mm	0.24	0.26	0.24	0	0.07	0	0.5	0.57
	Rear 15mm	0.54	0.55	0.51	0.03	0.12	0	1.12	1.21

WWAN+WIFI		LTEB2 ANT2	N5 ANT0	N77-L ANT6	N77-H ANT6	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.33	0.25	0.21	0.22	0.13	0.13	0	0.71	0.71
	Tilt Left	0.2	0.26	0.23	0.23	0.12	0.14	0	0.58	0.6
	Cheek Right	0.12	0.3	0.51	0.58	0.07	0.05	0	0.77	0.75
	Tilt Right	0.1	0.37	0.43	0.48	0.07	0.07	0	0.65	0.65
RCV off	Front 10mm	0.25	0.34	0.16	0.16	0.11	0.16	0	0.7	0.75
	Rear 10mm	0.41	0.59	0.38	0.38	0.16	0.33	0.01	1.16	1.34
	Left 10mm	0	0.4	0.47	0.29	0	0	0	0.47	0.47
	Right 10mm	0.38	0.12	0	0	0.15	0.17	0	0.65	0.67
	Bottom 10mm	0	0	0	0	0	0	0	0	0
	Top 10mm	0.17	0.47	0.14	0.16	0.08	0.13	0	0.72	0.77
RCV off	Front 15mm	0.16	0.34	0.14	0.16	0	0.07	0	0.5	0.57
	Rear 15mm	0.25	0.59	0.3	0.34	0.03	0.12	0	0.87	0.96

WWAN+WIFI		LTEB5 ANT0	N2 ANT2	N77-L ANT6	N77-H ANT6	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.25	0.44	0.21	0.22	0.13	0.13	0	0.82	0.82
	Tilt Left	0.27	0.23	0.23	0.23	0.12	0.14	0	0.62	0.64
	Cheek Right	0.29	0.17	0.51	0.58	0.07	0.05	0	0.94	0.92
	Tilt Right	0.36	0.15	0.43	0.48	0.07	0.07	0	0.91	0.91
RCV off	Front 10mm	0.29	0.26	0.16	0.16	0.11	0.16	0	0.66	0.71
	Rear 10mm	0.5	0.55	0.38	0.38	0.16	0.33	0.01	1.21	1.39
	Left 10mm	0.16	0	0.47	0.29	0	0	0	0.63	0.63
	Right 10mm	0.09	0.42	0	0	0.15	0.17	0	0.66	0.68
	Bottom 10mm	0	0	0	0	0	0	0	0	0
	Top 10mm	0.36	0.16	0.14	0.16	0.08	0.13	0	0.6	0.65
RCV off	Front 15mm	0.29	0.26	0.14	0.16	0	0.07	0	0.55	0.62
	Rear 15mm	0.5	0.55	0.3	0.34	0.03	0.12	0	1.08	1.17

WWAN+WIFI		LTEB12 ANT0	N2 ANT2	N66 ANT2	N77-L ANT2	N77-H ANT2	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.25	0.44	0.37	0.47	0.32	0.13	0.13	0	0.85	0.85
	Tilt Left	0.24	0.23	0.17	0.18	0.13	0.12	0.14	0	0.59	0.61
	Cheek Right	0.33	0.17	0.15	0.07	0.05	0.07	0.05	0	0.57	0.55
	Tilt Right	0.37	0.15	0.13	0.07	0.05	0.07	0.07	0	0.59	0.59
RCV off	Front 10mm	0.21	0.26	0.24	0.12	0.08	0.11	0.16	0	0.58	0.63
	Rear 10mm	0.38	0.55	0.51	0.36	0.26	0.16	0.33	0.01	1.09	1.27
	Left 10mm	0.34	0	0	0	0	0	0	0	0.34	0.34
	Right 10mm	0.21	0.42	0.32	0.5	0.28	0.15	0.17	0	0.86	0.88
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.29	0.16	0.19	0.09	0.07	0.08	0.13	0	0.56	0.61
RCV off	Front 15mm	0.21	0.26	0.24	0.14	0.08	0	0.07	0	0.47	0.54
	Rear 15mm	0.38	0.55	0.51	0.79	0.47	0.03	0.12	0	1.2	1.29

WWAN+WIFI		LTEB14 ANT0	N2 ANT2	N66 ANT2	N77-L ANT2	N77-H ANT2	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.36	0.44	0.37	0.47	0.32	0.13	0.13	0	0.96	0.96
	Tilt Left	0.42	0.23	0.17	0.18	0.13	0.12	0.14	0	0.77	0.79
	Cheek Right	0.52	0.17	0.15	0.07	0.05	0.07	0.05	0	0.76	0.74
	Tilt Right	0.61	0.15	0.13	0.07	0.05	0.07	0.07	0	0.83	0.83
RCV off	Front 10mm	0.2	0.26	0.24	0.12	0.08	0.11	0.16	0	0.57	0.62
	Rear 10mm	0.37	0.55	0.51	0.36	0.26	0.16	0.33	0.01	1.08	1.26
	Left 10mm	0.26	0	0	0	0	0	0	0	0.26	0.26
	Right 10mm	0.12	0.42	0.32	0.5	0.28	0.15	0.17	0	0.77	0.79
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.35	0.16	0.19	0.09	0.07	0.08	0.13	0	0.62	0.67
RCV off	Front 15mm	0.2	0.26	0.24	0.14	0.08	0	0.07	0	0.46	0.53
	Rear 15mm	0.37	0.55	0.51	0.79	0.47	0.03	0.12	0	1.19	1.28

WWAN+WIFI		LTEB30 ANT6	N2 ANT2	N5 ANT0	N66 ANT2	N77-L ANT2	N77-H ANT2	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.17	0.44	0.25	0.37	0.47	0.32	0.13	0.13	0	0.77	0.77
	Tilt Left	0.19	0.23	0.26	0.17	0.18	0.13	0.12	0.14	0	0.57	0.59
	Cheek Right	0.48	0.17	0.3	0.15	0.07	0.05	0.07	0.05	0	0.85	0.83
	Tilt Right	0.34	0.15	0.37	0.13	0.07	0.05	0.07	0.07	0	0.78	0.78
RCV off	Front 10mm	0.3	0.26	0.34	0.24	0.12	0.08	0.11	0.16	0	0.75	0.8
	Rear 10mm	0.59	0.55	0.59	0.51	0.36	0.26	0.16	0.33	0.01	1.34	1.52
	Left 10mm	0.18	0	0.4	0	0	0	0	0	0	0.58	0.58
	Right 10mm	0	0.42	0.12	0.32	0.5	0.28	0.15	0.17	0	0.65	0.67
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.11	0.16	0.47	0.19	0.09	0.07	0.08	0.13	0	0.66	0.71
RCV off	Front 15mm	0.3	0.26	0.34	0.24	0.14	0.08	0	0.07	0	0.64	0.71
	Rear 15mm	0.54	0.55	0.59	0.51	0.79	0.47	0.03	0.12	0	1.36	1.45

WWAN+WIFI		LTEB66 ANT1	N2 ANT2	N5 ANT0	N66 ANT2	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.07	0.44	0.25	0.37	0.13	0.13	0	0.64	0.64
	Tilt Left	0.05	0.23	0.26	0.17	0.12	0.14	0	0.43	0.45
	Cheek Right	0.14	0.17	0.3	0.15	0.07	0.05	0	0.51	0.49
	Tilt Right	0.04	0.15	0.37	0.13	0.07	0.07	0	0.48	0.48
RCV off	Front 10mm	0.2	0.26	0.34	0.24	0.11	0.16	0	0.65	0.7
	Rear 10mm	0.53	0.55	0.59	0.51	0.16	0.33	0.01	1.28	1.46
	Left 10mm	0	0	0.4	0	0	0	0	0.4	0.4
	Right 10mm	0.12	0.42	0.12	0.32	0.15	0.17	0	0.69	0.71
	Bottom 10mm	0.55	0	0	0	0	0	0	0.55	0.55
	Top 10mm	0	0.16	0.47	0.19	0.08	0.13	0	0.55	0.6
RCV off	Front 15mm	0.14	0.26	0.34	0.24	0	0.07	0	0.48	0.55
	Rear 15mm	0.64	0.55	0.59	0.51	0.03	0.12	0	1.26	1.35

WWAN+WIFI		LTEB66 ANT2	N77-L ANT6	N77-H ANT6	WIFI2.4G	WIFI5G	BT	NSA+WIFI2.4G	NSA+WIFI5G+BT
RCV ON	Cheek Left	0.26	0.21	0.22	0.13	0.13	0	0.61	0.61
	Tilt Left	0.15	0.23	0.23	0.12	0.14	0	0.5	0.52
	Cheek Right	0.13	0.51	0.58	0.07	0.05	0	0.78	0.76
	Tilt Right	0.09	0.43	0.48	0.07	0.07	0	0.64	0.64
RCV off	Front 10mm	0.17	0.16	0.16	0.11	0.16	0	0.44	0.49
	Rear 10mm	0.26	0.38	0.38	0.16	0.33	0.01	0.8	0.98
	Left 10mm	0	0.47	0.29	0	0	0	0.47	0.47
	Right 10mm	0.24	0	0	0.15	0.17	0	0.39	0.41
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.14	0.14	0.16	0.08	0.13	0	0.38	0.43
RCV off	Front 15mm	0.09	0.14	0.16	0	0.07	0	0.25	0.32
	Rear 15mm	0.13	0.3	0.34	0.03	0.12	0	0.5	0.59

15.4 Conclusion

According to the above tables, he highest simultaneous transmission reported SAR values is **1.52W/kg (1g).** The sum of reported SAR values is<1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

16 Measurement Uncertainty

16.1 Measurement Uncertainty for Normal SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.0	N	1	1	1	6.0	6.0	∞
2	Isotropy	B	4.7	R	√3	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	1.0	R	√3	1	1	0.6	0.6	∞
4	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	N	1	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	√3	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	√3	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	√3	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	√3	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	√3	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.4	R	√3	1	1	0.2	0.2	∞
12	Probe positioning with respect to phantom shell	B	2.9	R	√3	1	1	1.7	1.7	∞
13	Post-processing	B	1.0	R	√3	1	1	0.6	0.6	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	√3	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity (target)	B	5.0	R	√3	0.6	0.49	1.7	1.4	∞
21	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521

Combined standard uncertainty	$u_c^{'} = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$					9.55	9.43	257
Expanded uncertainty (confidence interval of 95 %)	$u_e = 2u_c$					19.1	18.9	

16.2 Measurement Uncertainty for Normal SAR Tests (3~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	√3	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	√3	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	√3	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	√3	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	√3	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	√3	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	√3	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	√3	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.8	R	√3	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	√3	1	1	3.9	3.9	∞
13	Post-processing	B	4.0	R	√3	1	1	2.3	2.3	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	√3	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity	B	5.0	R	√3	0.6	0.49	1.7	1.4	∞

	(target)									
21	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$						10.7	10.6	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						21.4	21.1	

17 MAIN TEST INSTRUMENTS

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	N5239A	MY55491241	May 21, 2024	One year
02	Power sensor	NRP50S	101488	June 5, 2024	One year
03	Power sensor	NRP50S	101489		
04	Signal Generator	MG3700A	6201052605	June 12 2024	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	149646	November 21, 2023	One year
07	BTS	CMW500	159889	January 11, 2024	One year
08	DAE	SPEAG DAE4	1331	September 14,2024	One year
09	E-field Probe	SPEAG EX3DV4	7673	July 29,,2024	One year
10	Dipole Validation Kit	SPEAG D750V3	1017	July 9,2024	One year
11	Dipole Validation Kit	SPEAG D835V2	4d069	July 9,2024	One year
12	Dipole Validation Kit	SPEAG D1750V2	1003	July 11,2024	One year
13	Dipole Validation Kit	SPEAG D1900V2	5d101	July 8,2024	One year
14	Dipole Validation Kit	SPEAG D2300V2	1018	July 10,2024	One year
15	Dipole Validation Kit	SPEAG D2450V2	853	July 10,2024	One year
16	Dipole Validation Kit	SPEAG D2600V2	1012	July 10,2024	One year
17	Dipole Validation Kit	SPEAG D3500V2	1016	June 13,2024	One year
18	Dipole Validation Kit	SPEAG D3700V2	1004	June 13,2024	One year
19	Dipole Validation Kit	SPEAG D3900V2	1024	June 14,2024	One year
20	Dipole Validation Kit	SPEAG D5GHzV2	1060	June 12,2024	One year
21	Dipole Validation Kit	SPEAG CLA13	1009	May 21,2024	One year

END OF REPORT BODY

Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B System Verification Results

ANNEX C SAR Measurement Setup

ANNEX D Position of the wireless device in relation to the phantom

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I G-Sensor Triggering Data Summary

ANNEX J Accreditation Certificate