



SAR Test Report

Report No.:STS2512010H01

Issued for

Hankook Technology Commerce Limited

FLAT E, 23/F GOLDEN SUN CENTRE 56-67 BONHAM
STRAND WEST SHEUNG WAN HK

Product Name: 5G Mobile Phone

Brand Name: REDMAGIC

Model Name: NX809J

FCC ID: 2BTCR-NX809J

Test Standard: ANSI/IEEE Std. C95.1
FCC 47 CFR Part 2 (2.1093)
IEEE Std. 1528-2013

Max. Report Head: 0.696 W/kg(1g)
SAR Body & Hotspot: 0.736 W/kg(1g)

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT CERTIFICATION**

Applicant's name: Hankook Technology Commerce Limited
Address.....: FLAT E, 23/F GOLDEN SUN CENTRE 56-67 BONHAM STRAND
WEST SHEUNG WAN HK
Manufacturer's Name: Hankook Technology Commerce Limited
Address.....: FLAT E, 23/F GOLDEN SUN CENTRE 56-67 BONHAM STRAND
WEST SHEUNG WAN HK

Product description

Product name: 5G Mobile Phone
Brand name: REDMAGIC
Model name: NX809J
Series Model.....: N/A

Standards: ANSI/IEEE Std. C95.1
FCC 47 CFR Part 2 (2.1093)
IEEE Std. 1528-2013

The device was tested by Shenzhen STS Test Services Co., Ltd. in accordance with the measurement methods and procedures specified in KDB 865664 The test results in this report apply only to the tested sample of the stated device/equipment. Other similar device/equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Date of Test.....:

Date (s) of performance of tests.....: 18 Nov. 2025 ~ 24 Dec 2025

Date of Issue.....: 25 Dec 2025

Test Result.....: **Pass**

Testing Engineer :

Xin Liu

(Xin.Liu)

Technical Manager :

Shi fan Long

(Shifan. Long)

Authorized Signatory :

Bovey Yang

(Bovey Yang)





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Rev.	Issue Date	Report No.	Effect Page	Contents
00	25 Dec 2025	STS2512010H01	ALL	Initial Issue



1. General Information

Environmental evaluation measurements of specific absorption rate (SAR) distributions in emulated human head and body tissues exposed to radio frequency (RF) radiation from wireless portable devices for compliance with the rules and regulations of the U.S. Federal Communications Commission (FCC).

1.1 EUT Description

Product Name	5G Mobile Phone
Brand Name	REDMAGIC
Model Name	NX809J
Series Model	N/A
Model Difference	N/A
Battery	Model No.: L3874T90P8h596788 Rated Capacity: 7325 mAh Typical Capacity: 7500 mAh Rated Voltage: 3.79 V Charge Limit: 4.50 V Manufacturer: Dongguan Amperex Technology Limited
Device Category	Portable
Product stage	Production unit
RF Exposure Environment	General Population / Uncontrolled
Frequency Range	GSM 850: 824 MHz ~ 849 MHz PCS1900: 1850 MHz ~ 1910 MHz WCDMA Band 2: 1850 MHz ~ 1910 MHz WCDMA Band 4: 1710 MHz ~ 1755 MHz WCDMA Band 5: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 17 (704-716 MHz) is covered by LTE Band 12 (699-716 MHz) LTE Band 17: 704 MHz ~ 716 MHz LTE Band 26: 814 MHz ~ 824 MHz / 824 MHz ~ 849 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz) 5G n2: 1850-1910 MHz 5G n5: 824-849 MHz 5G n7: 2500-2570 MHz 5G n26: 814-849 MHz 5G n41: 2496-2690 MHz 5G n66: 1710-1780 MHz 5G n77: 3450-3550 MHz 5G n78: 3450-3550 MHz WLAN802.11b/g/n20/ax20: 2412 MHz ~ 2462 MHz WLAN 802.11n40/ax40: 2422 MHz ~ 2452 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ac160/ax20/ax40/ax80/ax160: 5150 ~ 5250 MHz WLAN 802.11 a/n20/n40/ac20/ac40/ac80/ac160/ax20/ax40/ax80/ax160: 5250 ~ 5350 MHz WLAN 802.11 a/n20/n40/ac20/ac40/ac80/ac160/ax20/ax40/ax80/ax160: 5470 ~ 5725 MHz WLAN 802.11 a/n20/n40/ac20/ac40/ac80/ac160/ax20/ax40/ax80/ax160: 5725 ~ 5850 MHz Bluetooth: 2402 MHz to 2480 MHz NFC: 13.56MHz



	Band	Mode	Antenna	Head (W/kg)	Body Worn and Hotspot(W/kg)	Limbs Worn and Hotspot(W/kg)
Max. Reported SAR: Test distance: Head:0mm Body:10mm Limb:0mm	PCE	GSM 850	3	0.090	0.265	N/A
	PCE	GSM 850	5	0.428	0.412	N/A
	PCE	GSM 1900	1	0.483	0.260	N/A
	PCE	GSM 1900	4	0.068	0.285	N/A
	PCE	WCDMA Band 2	1	0.203	0.131	N/A
	PCE	WCDMA Band 2	4	0.086	0.652	N/A
	PCE	WCDMA Band 4	1	0.253	0.123	N/A
	PCE	WCDMA Band 4	4	0.110	0.482	N/A
	PCE	WCDMA Band 5	3	0.020	0.117	N/A
	PCE	WCDMA Band 5	5	0.489	0.528	N/A
	PCE	LTE Band 2	1	0.532	0.302	N/A
	PCE	LTE Band 2	4	0.086	0.495	N/A
	PCE	LTE Band 5	3	0.063	0.143	N/A
	PCE	LTE Band 5	5	0.480	0.599	N/A
	PCE	LTE Band 7	1	0.549	0.615	N/A
	PCE	LTE Band 7	4	0.066	0.686	N/A
	PCE	LTE Band 12/B17	3	0.066	0.187	N/A
	PCE	LTE Band 12/B17	5	0.629	0.525	N/A
	PCE	LTE Band 26	3	0.073	0.223	N/A
	PCE	LTE Band 26	5	0.593	0.514	N/A
	PCE	LTE Band 41	1	0.608	0.453	N/A
	PCE	LTE Band 41	4	0.114	0.712	N/A
	PCE	LTE Band 66/B4	1	0.543	0.408	N/A
	PCE	LTE Band 66/B4	4	0.079	0.558	N/A
	PCE	N2	1	0.478	0.423	N/A
	PCE	N2	4	0.088	0.633	N/A
	PCE	N5	3	0.075	0.179	N/A
	PCE	N5	5	0.501	0.605	N/A
	PCE	N7	1	0.480	0.452	N/A
	PCE	N7	4	0.039	0.574	N/A
	PCE	N26	3	0.037	0.165	N/A
	PCE	N26	5	0.406	0.449	N/A
	PCE	N41	1	0.481	0.636	N/A
	PCE	N41	2	0.372	0.493	N/A
	PCE	N41	3	0.058	0.638	N/A
	PCE	N41	4	0.098	0.229	N/A
	PCE	N66	1	0.696	0.588	N/A
	PCE	N66	4	0.082	0.736	N/A
	PCE	N77	2	0.284	0.474	N/A
	PCE	N77	3	0.093	0.221	N/A
	PCE	N77	4	0.069	0.280	N/A
	PCE	N77	10	0.573	0.334	N/A
	PCE	N78	2	0.355	0.528	N/A
	PCE	N78	3	0.112	0.223	N/A
	PCE	N78	4	0.066	0.303	N/A
	PCE	N78	10	0.514	0.435	N/A
	DSS	BT	6	0.064	0.081	N/A
	DSS	BT	7	0.084	0.106	N/A
	DTS	2.4G WLAN	6	0.104	0.119	N/A
	DTS	2.4G WLAN	7	0.139	0.210	N/A
	DTS	2.4GWIFI_MIMO	6+7	0.075	0.058	N/A
	NII	WIFI 5G U-NII-1	6	0.111	0.106	N/A
	NII	WIFI 5G U-NII-1	8	0.299	0.156	N/A
	NII	WIFI 5G U-NII-1_MIMO	6+8	0.159	0.075	N/A
	NII	WIFI 5G U-NII-2A	6	0.070	0.107	N/A
	NII	WIFI 5G U-NII-2A	8	0.201	0.134	N/A



	NII	WIFI 5G U-NII-2A_MIMO	6+8	0.106	0.071	N/A
	NII	WIFI 5G U-NII-2C	6	0.104	0.241	N/A
	NII	WIFI 5G U-NII-2C	8	0.226	0.264	N/A
	NII	WIFI 5G U-NII-2C_MIMO	6+8	0.124	0.097	N/A
	NII	WIFI 5G U-NII-3	6	0.111	0.117	N/A
	NII	WIFI 5G U-NII-3	8	0.213	0.213	N/A
	NII	WIFI 5G U-NII-3_MIMO	6+8	0.122	0.112	N/A
1-g Sum SAR(W/kg)				0.696	0.736	N/A
10-g Sum SAR(W/kg)				N/A	N/A	N/A
Limit(W/kg)				1.6	1.6	4.0
Highest Simultaneous Transmission SAR(W/kg)				1.134	1.210	N/A
FCC Equipment Class	Licensed Portable Transmitter Held to Ear (PCE) Part 15 Spread Spectrum Transmitter (DSS) Digital Transmission System (DTS) Unlicensed National Information Infrastructure TX(NII)					
Operating Mode:	GSM: GSM Voice; GPRS/EGPRS Class 12 WCDMA: RMC, HSDPA, HSUPA Release 6 LTE: QPSK, 16QAM, 64QAM(downlink only) 5G NR: DFT-s-OFDM, CP-OFDM ($\pi/2$ shift BPSK, QPSK, 16QAM, 64QAM, 256QAM) 2.4G WLAN : 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11ax(OFDM, OFDMA): BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM 5G WLAN: 802.11a(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11ac(OFDM):BPSK,QPSK,16-QAM,64-QAM,256-QAM 802.11ax(OFDM, OFDMA): BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM Bluetooth: GFSK + $\pi/4$ DQPSK+8DPSK BLE: GFSK NFC: ASK					
Antenna Specification:	GSM/WCDMA/LTE/NR: PIFA Antenna Bluetooth: PIFA Antenna WLAN: PIFA Antenna					
SIM Card	Support dual-SIM, dual standby, the multiple SIM card with two lines cannot transmitting at the same time					
Hotspot Mode	Support					
DTM Mode	Not Support					
Note: 1. The dual SIM card mobile has 2 SIM slots and supports dual SIM dual standby. The WWAN radio transmission will be enabled by either one SIM at a time (Single active) 2. After pre-scan two SIM cards power, we found test result of the SIM1 was the worse, so we chose SIM1 card to perform all tests. 3. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power						



1.2 Test Environment

Ambient conditions in the SAR laboratory:

Items	Required
Temperature (°C)	18-25
Humidity (%RH)	30-70

1.3 Test Factory

ShenZhen STS Test Services Co.,Ltd.

A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration No.: 625569

IC Registration No.: 12108A

A2LA Certificate No.: 4338.01



2. Test Standards and Limits

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	IEEE Std C95.1, 2019	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz 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.
3	IEEE Std. 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
4	FCC KDB 447498 D04 v01	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
5	FCC KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
6	FCC KDB 865664 D02 v01r02	RF Exposure Reporting
7	FCC KDB 941225 D01 v03r01	SAR Measurement Procedures for 3G Devices
8	FCC KDB 941225 D05 v02r05	SAR for LTE Devices
9	FCC KDB 941225 D06 v02r01	Hotspot Mode SAR
10	FCC KDB 648474 D04 v01r03	SAR Evaluation Considerations for Wireless Handsets
11	FCC KDB 248227 D01 Wi-Fi SAR v02r02	SAR Considerations for 802.11 Devices

(A). Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

(B). Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

NOTE: Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1 gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

Population/Uncontrolled Environments:

Are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Occupational/Controlled Environments:

Are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

NOTE

GENERAL POPULATION/UNCONTROLLED EXPOSURE

PARTIAL BODY LIMIT

1.6 W/kg

3. SAR Measurement System

3.1 Definition of Specific Absorption Rate (SAR)

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

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

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

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

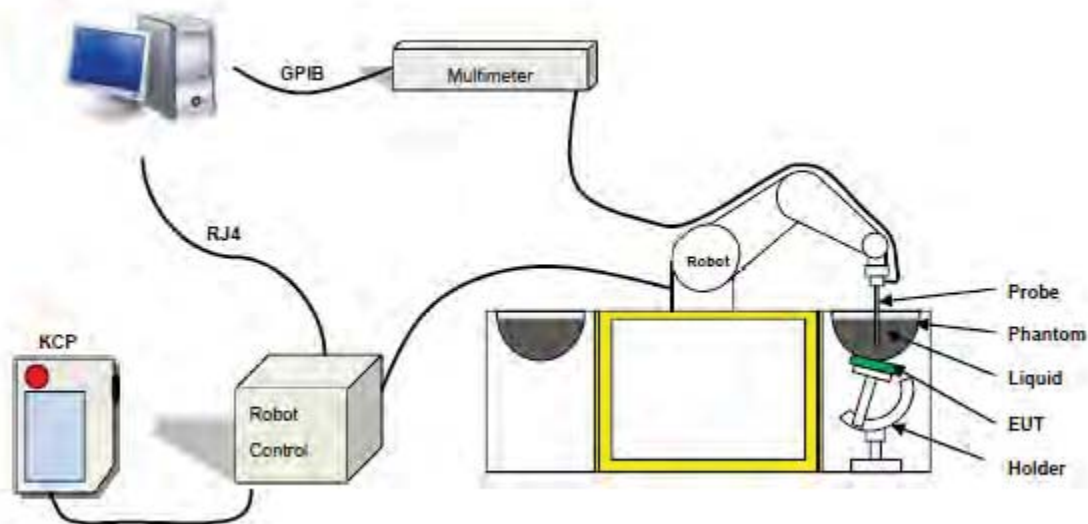
$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

ρ is the mass density of the tissue and E is the RMS electrical field strength.

3.2 SAR System

MVG SAR System Diagram:



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

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

The following figure shows the system.



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

3.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe SN 08/21 EPGO352 with following specifications is used

- Probe Length: 330 mm
- Length of Individual Dipoles: 2 mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter: 2.5 mm
- Distance between dipole/probe extremity: 1 mm
- Dynamic range: 0.01-100 W/kg
- Probe linearity: 3%
- Axial Isotropy: < 0.10 dB
- Spherical Isotropy: < 0.10 dB
- Calibration range: 150 MHz to 6 GHz for head & body simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°



Figure 1-MVG COMOSAR Dosimetric E field Dipole

3.2.2 Phantom

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

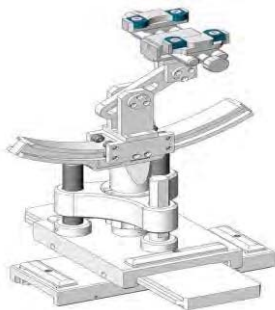
SN 32/14 SAM115



Figure-SN 21/21 ELLI48



3.2.3 Device Holder



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



4. Tissue Simulating Liquids

4.1 Simulating Liquids Parameter Check

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values

The uncertainty due to the liquid conductivity and permittivity arises from two different sources. The first source of error is the deviation of the liquid conductivity from its target value (max _ 5 %) and the second source of error arises from the measurement procedures used to assess conductivity. The uncertainty shall be assessed using a rectangular probability For 1 g averaging, the maximum weighting coefficient for SAR is 0,5.

IEEE SCC-34/SC-2 RECOMMENDED TISSUE DIELECTRIC PARAMETERS

The head and body tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 have been incorporated in the following table.

Frequency	ϵ_r	σ 10g S/m
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1450	40.5	1.20
1800 to 2000	40.0	1.40
2100	39.8	1.49
2450	39.2	1.80
2600	39.0	1.96
3000	38.5	2.40
3500	37.9	2.91
4000	37.4	3.43
4500	36.8	3.94
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27



The following table gives the recipes for tissue simulating liquid and the theoretical Conductivity/Permittivity.

Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.4	40.0
2450	55.0	0	0	0.1	0	44.9	1.80	39.2
2600	54.9	0	0	0.1	0	45.0	1.96	39.0
Frequency (MHz)	Water (%)	Hexyl Carbitol (%)			Triton X-100 (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	62.52	17.24			17.24		4.66	36.0
5800	62.52	17.24			17.24		5.27	35.3
Body (From instrument manufacturer)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	51.7	47.2	0	0.9	0.1	0	0.96	55.5
835	50.8	48.2	0	0.9	0.1	0	0.97	55.2
900	50.8	48.2	0	0.9	0.1	0	1.05	55.0
1800, 1900, 2000	70.2	0	0	0.4	0	29.4	1.52	53.3
2450	68.6	0	0	0.1	0	31.3	1.95	52.7
2600	68.2	0	0	0.1	0	31.7	2.16	52.5
Frequency(MHz)	Water	DGBE (%)			Salt (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	78.60	21.40			/		5.30	49.00
5800	78.50	21.40			0.1		6.00	48.20

**LIQUID MEASUREMENT RESULTS**

Date	Ambient		Simulating Liquid		Parameters	Target	Measured	Deviation %	Limited %
	Temp. [°C]	Humidity %	Frequency(MHz)	Temp. [°C]					
2025-12-24	22.5	49	750	21.9	Permittivity	41.90	42.65	1.79	±5
					Conductivity	0.89	0.87	-2.25	±5
2025-12-10	22.0	54	835	21.7	Permittivity	41.50	42.08	1.40	±5
					Conductivity	0.90	0.91	1.11	±5
2025-12-11	21.7	51	835	21.4	Permittivity	41.50	41.03	-1.13	±5
					Conductivity	0.90	0.93	3.33	±5
2025-12-12	22.5	46	835	22.1	Permittivity	41.50	42.62	2.70	±5
					Conductivity	0.90	0.89	-1.11	±5
2025-12-22	21.9	53	835	21.6	Permittivity	41.50	41.23	-0.65	±5
					Conductivity	0.90	0.88	-2.22	±5
2025-12-23	22.2	51	835	21.9	Permittivity	41.50	40.96	-1.30	±5
					Conductivity	0.90	0.90	0.00	±5
2025-11-19	21.9	56	1800	21.3	Permittivity	40.00	39.23	-1.93	±5
					Conductivity	1.40	1.38	-1.43	±5
2025-11-20	22.7	50	1800	22.2	Permittivity	40.00	40.51	1.28	±5
					Conductivity	1.40	1.36	-2.86	±5
2025-11-24	21.7	48	1800	21.4	Permittivity	40.00	40.87	2.17	±5
					Conductivity	1.40	1.39	-0.71	±5
2025-11-18	21.6	45	1900	21.4	Permittivity	40.00	40.22	0.55	±5
					Conductivity	1.40	1.43	2.14	±5
2025-11-22	22.5	45	1900	22.1	Permittivity	40.00	39.59	-1.02	±5
					Conductivity	1.40	1.41	0.71	±5
2025-12-01	22.8	50	2450	22.4	Permittivity	39.20	38.76	-1.12	±5
					Conductivity	1.80	1.81	0.56	±5
2025-11-26	22.0	55	2600	21.6	Permittivity	39.00	39.65	1.67	±5
					Conductivity	1.96	1.99	1.02	±5
2025-11-28	21.8	44	2600	21.4	Permittivity	39.00	39.48	1.23	±5
					Conductivity	1.96	2.01	2.55	±5
2025-12-18	22.2	45	2600	21.9	Permittivity	39.00	38.81	-0.49	±5
					Conductivity	1.96	1.95	-0.51	±5
2025-12-19	22.9	40	2600	22.6	Permittivity	39.00	38.29	-1.82	±5
					Conductivity	1.96	1.98	1.02	±5



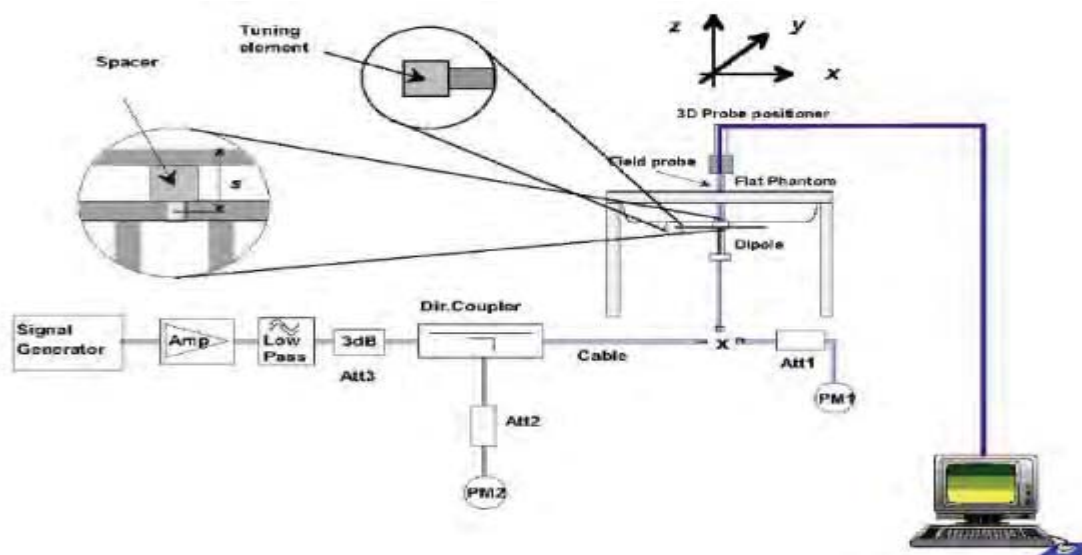
2025-12-16	21.6	42	3500	21.3	Permittivity	37.90	38.60	1.85	±5
					Conductivity	2.91	2.95	1.37	±5
2025-12-17	22.1	45	3500	21.9	Permittivity	37.90	38.95	2.77	±5
					Conductivity	2.91	2.88	-1.03	±5
2025-12-08	21.7	48	5200	21.2	Permittivity	36.00	36.49	1.36	±5
					Conductivity	4.66	4.74	1.72	±5
2025-12-09	22.0	46	5200	21.7	Permittivity	36.00	35.68	-0.89	±5
					Conductivity	4.66	4.69	0.64	±5
2025-12-09	22.0	46	5300	21.7	Permittivity	35.90	35.42	-1.34	±5
					Conductivity	4.76	4.81	1.05	±5
2025-12-06	21.6	51	5600	21.4	Permittivity	35.55	35.95	1.13	±5
					Conductivity	5.07	5.03	-0.79	±5
2025-12-05	21.4	54	5800	21.0	Permittivity	35.30	35.18	-0.34	±5
					Conductivity	5.27	5.29	0.38	±5

5. SAR System Validation

5.1 Validation System

Each MVG system is equipped with one or more system validation kits. These units, together with the predefined measurement procedures within the MVG software, enable the user to conduct the system performance check and system validation. System kit includes a dipole, and dipole device holder.

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





5.2 Validation Result

Comparing to the original SAR value provided by MVG, the validation data should be within its specification of 10 %.

Date	Freq.	Power	Tested Value	Normalized SAR	Target SAR	Tolerance	Limit
	(MHz)	(mW)	(W/Kg)	(W/kg)	1g(W/kg)	(%)	(%)
2025-12-24	750	10	0.0920	9.20	8.49	8.36	10
2025-12-10	835	10	0.1039	10.39	9.63	7.89	10
2025-12-11	835	10	0.1014	10.14	9.63	5.30	10
2025-12-12	835	10	0.0962	9.62	9.63	-0.10	10
2025-12-22	835	10	0.1044	10.44	9.63	8.41	10
2025-12-23	835	10	0.1018	10.18	9.63	5.71	10
2025-11-19	1800	10	0.3612	36.12	38.40	-5.94	10
2025-11-20	1800	10	0.3847	38.47	38.40	0.18	10
2025-11-24	1800	10	0.3729	37.29	38.40	-2.89	10
2025-11-18	1900	10	0.4194	41.94	39.84	5.27	10
2025-11-22	1900	10	0.4089	40.89	39.84	2.64	10
2025-12-01	2450	10	0.5116	51.16	54.70	-6.47	10
2025-11-26	2600	10	0.5222	52.22	56.19	-7.07	10
2025-11-28	2600	10	0.5676	56.76	56.19	1.01	10
2025-12-18	2600	10	0.5429	54.29	56.19	-3.38	10
2025-12-19	2600	10	0.5780	57.80	56.19	2.87	10
2025-12-16	3500	10	0.7022	70.22	68.37	2.71	10
2025-12-17	3500	10	0.6583	65.83	68.37	-3.72	10
2025-12-08	5200	10	1.5709	157.09	163.88	-4.14	10
2025-12-09	5200	10	1.6552	165.52	163.88	1.00	10
2025-12-09	5300	10	1.7075	170.75	172.23	-0.86	10
2025-12-06	5600	10	1.7204	172.04	181.28	-5.10	10
2025-12-05	5800	10	1.7817	178.17	188.95	-5.71	10

Note:

1. The tolerance limit of System validation $\pm 10\%$.
2. The dipole input power (forward power) was 10 mW.
3. The results are normalized to 1 W input power.



6. SAR Evaluation Procedures

The procedure for assessing the average SAR value consists of the following steps:

The following steps are used for each test position

- Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 * 32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

➤ Area Scan& Zoom Scan

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

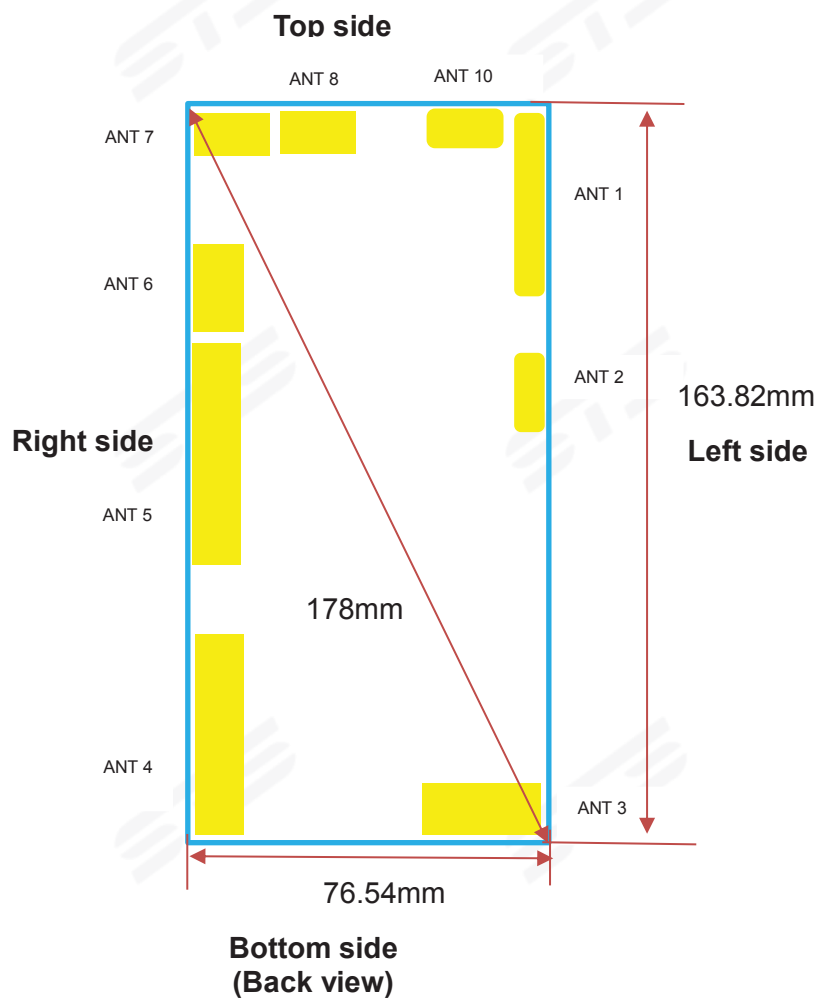
When the 1-g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.



7. EUT Antenna Location Sketch

It is a Smart phone, support GSM/WCDMA/LTE/NR/WLAN/BT mode.

Device for Open



ANT	Support Band
ANT-1	PCS 1900/WCDMA 2/WCDMA 4/LTE B2/LTE B4/LTE B7/LTE B41/LTE B66/N2/N7/N41/N66
ANT-2	N41/N77/N78
ANT-3	GSM 850/WCDMA 5/LTE B5/LTE B12/LTE B17/LTE B26/N5/N26/N41/N77/N78
ANT-4	PCS 1900/WCDMA 2/WCDMA 4/LTE B2/LTE B4/LTE B7/LTE B41/LTE B66/N2/N7/N41/N66/N77/N78
ANT-5	GSM 850/WCDMA 5/LTE B5/LTE B12/LTE B17/LTE B26/N5/N26
ANT-6	WIFI 2.4G/WIFI 5G U-NII-1/WIFI 5G U-NII-2A/WIFI 5G U-NII-2C/WIFI 5G U-NII-3/Bluetooth
ANT-7	WIFI 2.4G/Bluetooth
ANT-8	WIFI 5G U-NII-1/WIFI 5G U-NII-2A/WIFI 5G U-NII-2C/WIFI 5G U-NII-3
ANT-10	N77/N78



Device Edges/Sides for Open Configuration SAR Testing						
Antenna Separation Distance(mm)						
ANT	Back Side	Front Side	Left Side	Right Side	Top Side	Bottom Side
ANT-1	≤25	≤25	≤25	>25	≤25	>25
ANT-2	≤25	≤25	≤25	>25	>25	>25
ANT-3	≤25	≤25	≤25	>25	>25	≤25
ANT-4	≤25	≤25	>25	≤25	>25	≤25
ANT-5	≤25	≤25	>25	≤25	>25	>25
ANT-6	≤25	≤25	>25	≤25	≤25	>25
ANT-7	≤25	≤25	>25	≤25	≤25	>25
ANT-8	≤25	≤25	>25	≤25	≤25	>25
ANT-10	≤25	≤25	≤25	>25	≤25	>25

Device Edges/Sides for Open Configuration SAR Testing						
ANT	Back Side	Front Side	Left Side	Right Side	Top Side	Bottom Side
ANT-1	Yes	Yes	Yes	No	Yes	No
ANT-2	Yes	Yes	Yes	No	No	No
ANT-3	Yes	Yes	Yes	No	No	Yes
ANT-4	Yes	Yes	No	Yes	No	Yes
ANT-5	Yes	Yes	No	Yes	No	No
ANT-6	Yes	Yes	No	Yes	Yes	No
ANT-7	Yes	Yes	No	Yes	Yes	No
ANT-8	Yes	Yes	No	Yes	Yes	No
ANT-10	Yes	Yes	Yes	No	Yes	No

Note 1: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

Note 2: Particular DUT edges were not required to be evaluated for wireless router SAR or phablet SAR if the edges were greater than 2.5 cm from the transmitting antenna according to FCC KDB Publication 941225 D06v02r01 Section III and FCC KDB Publication 648474 D04v01r03.



Note:

1. maximum power is the source-based time-average power and represents the maximum RF output power among production units.
2. Per KDB 447498 D04, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D04, if the maximum time-averaged power available does not exceed 1 mW. This stand-alone SAR exemption test.
4. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion 8.for each frequency band ,testing at higher data rates and higher order modulations is not required when the maximum average output power for each of each of these configurations is less than 1/4db higher than those measured at the lower data rate than 11b mode ,thus the SAR can be excluded.
5. Per KDB 616217 D04, SAR evaluation for the front surface of tablet display screens are generally not necessary.
6. Per KDB 248227, as maximum rated power for U-NII-2A>U-NII-1, U-NII-2A was chosen for SAR evaluation. Based on the measurements obtained, SAR measurements on U-NII-1 are not required as highest reported SAR from U-NII-2A band is $\leq 1.2\text{W/Kg}$.

8. EUT Test Position

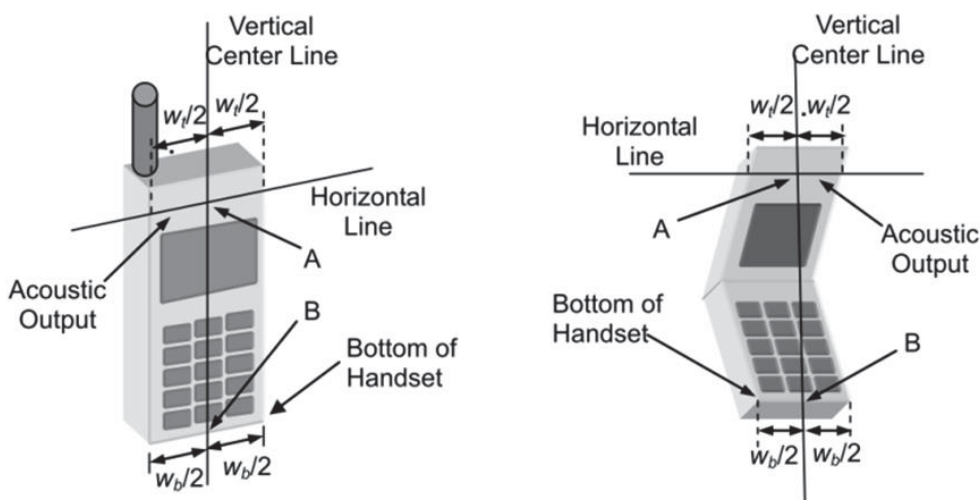
This EUT was tested in Right Cheek, Right Titled, Left Cheek, Left Titled, Front Face and Rear Face.

8.1 Define Two Imaginary Lines on the Handset

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

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

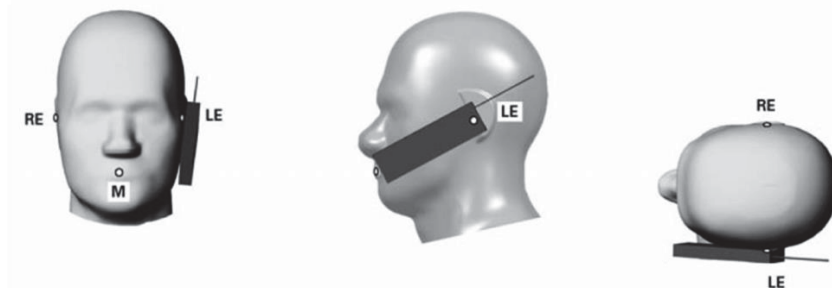
(3) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially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



Cheek Position

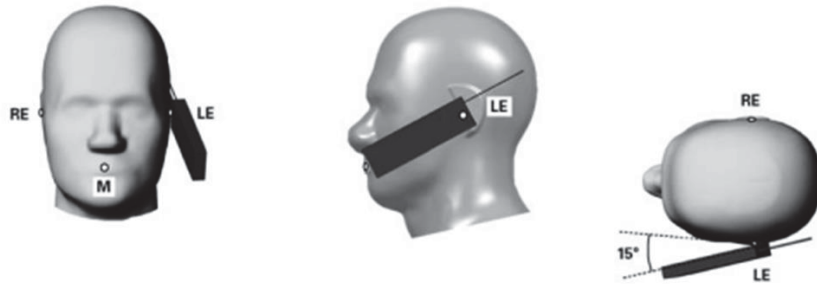
1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing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

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



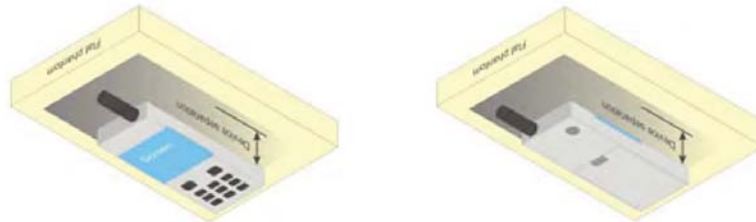
Title Position

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



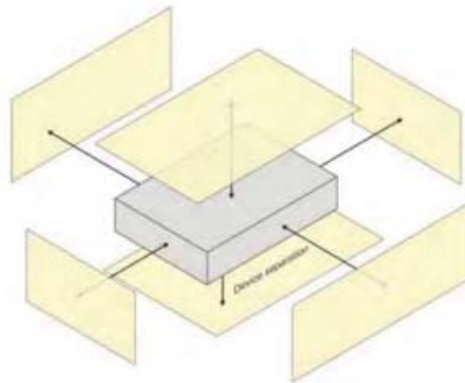
Body-worn Position Conditions:

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D04 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative *test separation distance* configuration may be used to support both SAR conditions. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is $> 1.2 \text{ W/kg}$, the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.



8.2 Hotspot mode exposure position condition

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





9. Uncertainty

9.1 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEEE 1528: 2013. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

SATIMO Uncertainty- SN 08/21 EPG0352									
Measurement uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+-%)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System									
Probe calibration	E.2.1	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	0.71	0.71	0.07	0.07	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.71	0.71	0.42	0.42	∞
Boundary effect	E.2.3	0.80	R	1.73	1.00	1.00	0.46	0.46	∞
Linearity	E.2.4	1.25	R	1.73	1.00	1.00	0.72	0.72	∞
System detection limits	E.2.4	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Modulation response	E.2.5	3.42	R	1.73	1.00	1.00	1.97	1.97	∞
Readout Electronics	E.2.6	0.26	N	1.00	1.00	1.00	0.26	0.26	∞
Response Time	E.2.7	0.17	R	1.73	1.00	1.00	0.10	0.10	∞
Integration Time	E.2.8	1.43	R	1.73	1.00	1.00	0.83	0.83	∞
RF ambient conditions-Noise	E.6.1	3.51	R	1.73	1.00	1.00	2.03	2.03	∞
RF ambient conditions-reflections	E.6.1	3.15	R	1.73	1.00	1.00	1.82	1.82	∞
Probe positioner mechanical tolerance	E.6.2	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.40	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.10	R	1.73	1.00	1.00	1.21	1.21	∞
Test sample Related									
Test sample positioning	E.4.2	3.10	N	1.00	1.00	1.00	3.10	3.10	∞
Device holder uncertainty	E.4.1	3.80	N	1.00	1.00	1.00	3.80	3.80	∞
Output power variation—SAR drift measurement	E.2.9	4.50	R	1.73	1.00	1.00	2.60	2.60	∞
SAR scaling	E.6.5	1.80	R	1.73	1.00	1.00	1.04	1.04	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.70	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.90	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	2.40	R	1.73	0.78	0.71	1.08	0.98	M
Liquid permittivity measurement	E.3.3	4.10	N	1.00	0.78	0.71	3.20	2.91	M
Liquid conductivity—temperature uncertainty	E.3.4	2.70	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity—temperature uncertainty	E.3.4	4.80	N	1.00	0.23	0.26	1.10	1.25	∞
Combined Standard Uncertainty			RSS				10.08	9.59	
Expanded Uncertainty (95% Confidence interval)			K=2				19.58	19.18	



SATIMO Uncertainty- SN 08/21 EPGO352									
System Validation uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+-%)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System									
Probe calibration	E.2.1	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	1.00	1.00	0.10	0.10	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.00	0.00	0.00	0.00	∞
Boundary effect	E.2.3	0.80	R	1.73	1.00	1.00	0.46	0.46	∞
Linearity	E.2.4	1.25	R	1.73	1.00	1.00	0.72	0.72	∞
System detection limits	E.2.4	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Modulation response	E.2.5	3.42	R	1.73	0.00	0.00	0.00	0.00	∞
Readout Electronics	E.2.6	0.26	N	1.00	1.00	1.00	0.26	0.26	∞
Response Time	E.2.7	0.17	R	1.73	0.00	0.00	0.00	0.00	∞
Integration Time	E.2.8	1.43	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions-Noise	E.6.1	3.51	R	1.73	1.00	1.00	2.03	2.03	∞
RF ambient conditions-reflections	E.6.1	3.15	R	1.73	1.00	1.00	1.82	1.82	∞
Probe positioner mechanical tolerance	E.6.2	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.40	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.10	R	1.73	1.00	1.00	1.21	1.21	∞
System validation source									
Deviation of experimental dipole from numerical dipole	E.6.4	4.80	N	1.00	1.00	1.00	4.80	4.80	∞
Input power and SAR drift measurement	8,6.6.4	5.10	R	1.73	1.00	1.00	2.94	2.94	∞
Dipole axis to liquid distance	8,E.6.6	2.40	R	1.73	1.00	1.00	1.39	1.39	∞
Phantom and set-up									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.70	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.90	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity (temperature uncertainty)	E.3.3	2.40	R	1.73	0.78	0.71	1.08	0.98	∞
Liquid conductivity(measured)	E.3.3	4.10	N	1.00	0.78	0.71	3.20	2.91	M
Liquid permittivity(temperature uncertainty)	E.3.4	2.70	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity (measured)	E.3.4	4.80	N	1.00	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty			RSS				9.72	9.52	
Expanded Uncertainty			K=2				19.44	19.03	
(95% Confidence interval)									



SATIMO Uncertainty- SN 08/21 EPG0352									
。 System Check uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System									
Probe calibration drift	E.2.1.3	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	0.00	0.00	0.00	0.00	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.00	0.00	0.00	0.00	∞
Boundary effect	E.2.3	0.8	R	1.73	0.00	0.00	0.00	0.00	∞
Linearity	E.2.4	1.25	R	1.73	0.00	0.00	0.00	0.00	∞
System detection limits	E.2.4	1.20	R	1.73	0.00	0.00	0.00	0.00	∞
Modulation response	E.2.5	3.42	R	1.73	0.00	0.00	0.00	0.00	∞
Readout Electronics	E.2.6	0.26	N	1.00	0.00	0.00	0.00	0.00	∞
Response Time	E.2.7	0.17	R	1.73	0.00	0.00	0.00	0.00	∞
Integration Time	E.2.8	1.43	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions-Noise	E.6.1	3.51	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions-reflections	E.6.1	3.15	R	1.73	0.00	0.00	0.00	0.00	∞
Probe positioner mechanical tolerance	E.6.2	1.2	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.4	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	3.9	R	1.73	0.00	0.00	0.00	0.00	∞
System check source (dipole)									
Deviation of experimental dipoles	E.6.4	4.8	N	1.00	1.00	1.00	4.80	4.80	∞
Input power and SAR drift measurement	8,6.6.4	5.1	R	1.73	1.00	1.00	2.94	2.94	∞
Dipole axis to liquid distance	8,E.6.6	2.4	R	1.73	1.00	1.00	1.39	1.39	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.7	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.9	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	2.4	R	1.73	0.78	0.71	1.08	0.98	∞
Liquid permittivity measurement	E.3.3	4.1	N	1.00	0.78	0.71	3.20	2.91	M
Liquid conductivity—temperature uncertainty	E.3.4	2.7	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity—temperature uncertainty	E.3.4	4.8	N	1.00	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty			RSS				5.56	5.20	
Expanded Uncertainty (95% Confidence interval)			K=2				11.12	10.41	

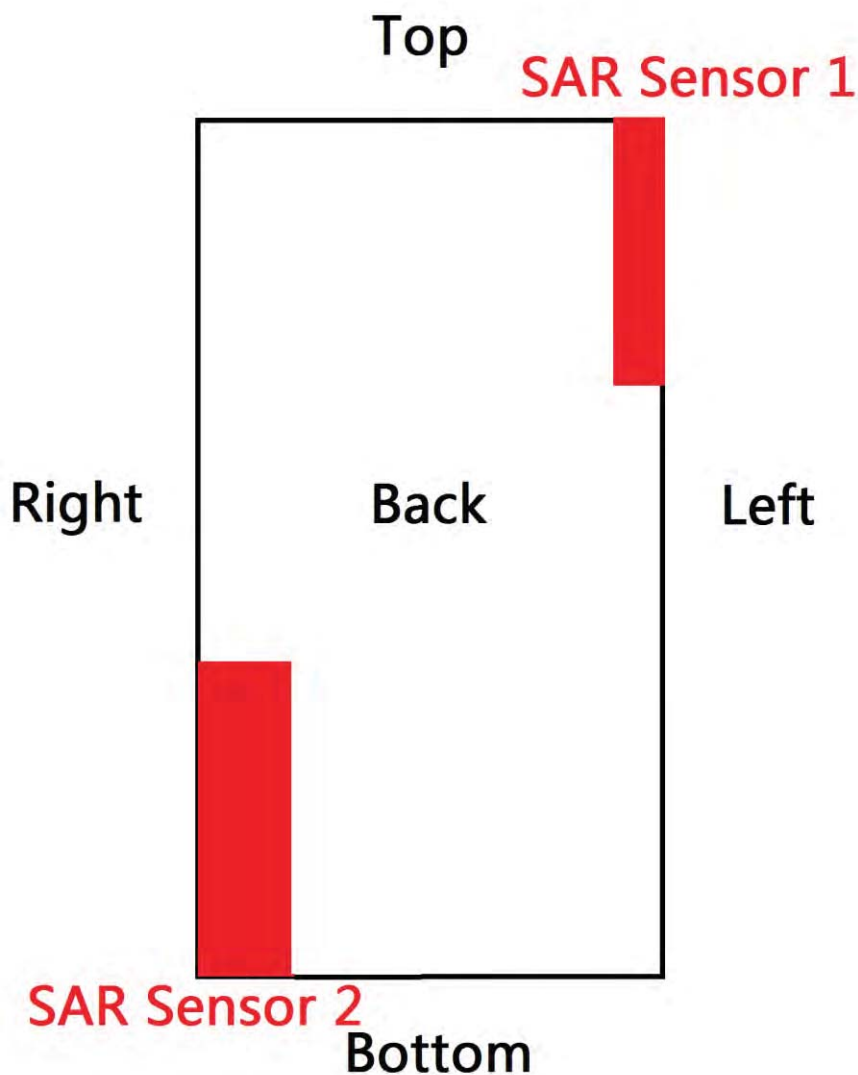
10. Power reduction specification

10.1 WWAN proximity sensor Reduced power

The equipment uses proximity sensors to trigger power reduction to meet SAR requirements. The WWAN of the EUT operates in both standalone transmission and simultaneous transmission modes, and the simultaneous transmission scenarios of the EUT's WWAN with WLAN have been clearly distinguished through software configuration. When the WLAN is in a simultaneous transmission scenario with WWAN, the power is pre-set to be lowered to meet the SAR (Specific Absorption Rate) requirements.

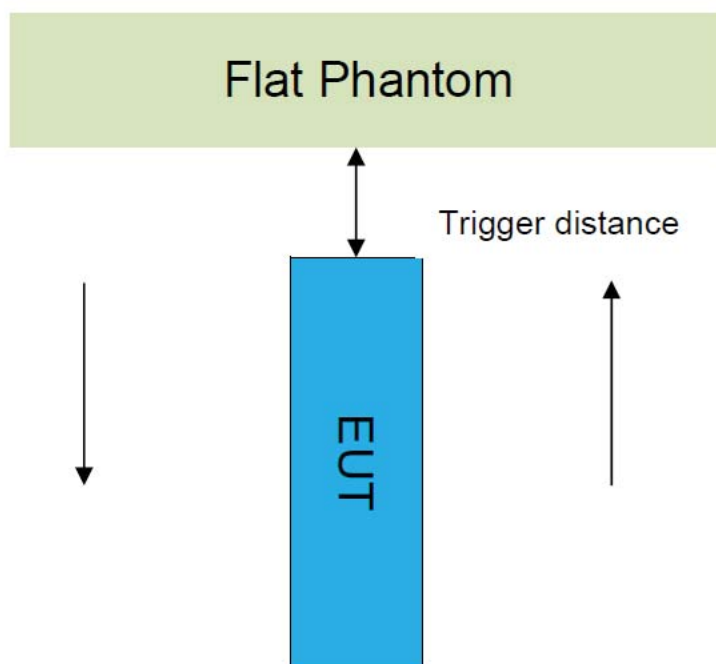
1) EUT proximity sensor position

As long as EUT's SAR sensor is triggered, it will reduce the power of GSM/WCDMA/LTE/NR frequency band of some antennas to meet SAR requirements. For other sides of the equipment or other frequency bands, SAR is still tested at the maximum power level when the sensor is turned off. (SAR Sensor has different levels of conduction power reduction in different transmission scenarios)



2) Proximity sensor triggering distances

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



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

Note:

- As long as EUT's SAR sensor is triggered, it will reduce the power of GSM/WCDMA/LTE/NR band of some antennas to meet SAR requirements. For other sides of the equipment or other frequency bands, SAR is still tested at the maximum power level when the sensor is turned off.(SAR Sensor has different levels of conduction power reduction in different transmission scenarios)
- When the distance between the phantom and EUT is equal to or less than the detection threshold distance, the proximity sensor will be trigger, and the conducted power will be reduced. When the



distance between the phantom and EUT is greater than the detection threshold distance, the proximity sensor will be not trigger, and the DUT is in the full power transmit.

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

3) Reduced power of proximity sensor

Transmission Condition	Wireless System	Head	Body	Hotspot
Standalone& EN-DC & Simultaneous	WWAN partial frequency band	Reduced Power DSI 1	Reduced Power DSI 1	Reduced Power DSI 1

Note:

1. SAR Sensor has different levels of conduction power reduction in different transmission scenarios. Please refer to the table for specific scenarios.
2. The power conditions on the table are all after the SAR Sensor is triggered, and the power is normal when the SAR Sensor is not triggered.
3. For the specific power and power reduction of EUT, please refer to the conducted power at the back of the report.



11. Conducted Power Measurement

11.1 Test Result

Burst Average Power (dBm)						
Antenna	ANT_3 Full power			ANT_5 Full power		
Band	GSM 850			GSM 850		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM(GMSK, 1-Slot)	31.83	32.02	31.87	32.52	32.81	32.72
GPRS (GMSK,1-Slot)	31.81	31.97	31.84	32.50	32.77	32.66
GPRS (GMSK, 2-Slot)	29.00	29.18	29.11	30.15	30.10	30.21
GPRS (GMSK, 3-Slot)	27.36	27.32	27.10	28.64	28.33	28.29
GPRS (GMSK, 4-Slot)	26.43	26.29	26.11	27.28	27.35	27.31
EGPRS(8PSK, 1-Slot)	25.77	26.19	25.83	26.52	26.68	26.54
EGPRS(8PSK, 2-Slot)	22.86	23.03	22.97	24.10	24.11	23.71
EGPRS(8PSK, 3-Slot)	21.03	20.88	20.94	22.47	22.34	22.09
EGPRS(8PSK, 4-Slot)	20.15	20.01	19.96	21.56	21.27	21.15
Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link						

Fram- RF Output Power (dBm)						
Antenna	ANT_3 Full power			ANT_5 Full power		
Band	GSM 850			GSM 850		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM(GMSK, 1-Slot)	22.80	22.99	22.84	23.49	23.78	23.69
GPRS (GMSK,1-Slot)	22.78	22.94	22.81	23.47	23.74	23.63
GPRS (GMSK, 2-Slot)	22.98	23.16	23.09	24.13	24.08	24.19
GPRS (GMSK, 3-Slot)	23.10	23.06	22.84	24.38	24.07	24.03
GPRS (GMSK, 4-Slot)	23.42	23.28	23.10	24.27	24.34	24.30
EGPRS(8PSK, 1-Slot)	16.74	17.16	16.80	17.49	17.65	17.51
EGPRS(8PSK, 2-Slot)	16.84	17.01	16.95	18.08	18.09	17.69
EGPRS(8PSK, 3-Slot)	16.77	16.62	16.68	18.21	18.08	17.83
EGPRS(8PSK, 4-Slot)	17.14	17.00	16.95	18.55	18.26	18.14
Remark : 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB						



Burst Average Power (dBm)						
Antenna	ANT_3 DSI 1 power			ANT_5 DSI 1 power		
Band	GSM 850			GSM 850		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM(GMSK, 1-Slot)	27.82	28.03	27.90	28.20	28.57	28.50
GPRS (GMSK, 1-Slot)	27.79	27.85	27.75	28.14	28.45	28.30
GPRS (GMSK, 2-Slot)	24.99	25.16	24.92	25.80	25.88	26.00
GPRS (GMSK, 3-Slot)	23.36	23.28	22.98	24.24	23.96	24.00
GPRS (GMSK, 4-Slot)	22.37	22.20	22.01	23.03	23.09	22.99
EGPRS(8PSK, 1-Slot)	21.77	22.04	21.88	22.17	22.30	22.27
EGPRS(8PSK, 2-Slot)	18.85	18.98	18.97	19.74	19.87	19.35
EGPRS(8PSK, 3-Slot)	16.88	16.98	16.75	18.22	18.09	17.69
EGPRS(8PSK, 4-Slot)	16.08	16.11	16.03	17.25	16.95	16.88
Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link						

Fram- RF Output Power (dBm)						
Antenna	ANT_3 DSI 1 power			ANT_5 DSI 1 power		
Band	GSM 850			GSM 850		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM(GMSK, 1-Slot)	18.79	19.00	18.87	19.17	19.54	19.47
GPRS (GMSK, 1-Slot)	18.76	18.82	18.72	19.11	19.42	19.27
GPRS (GMSK, 2-Slot)	18.97	19.14	18.90	19.78	19.86	19.98
GPRS (GMSK, 3-Slot)	19.10	19.02	18.72	19.98	19.70	19.74
GPRS (GMSK, 4-Slot)	19.36	19.19	19.00	20.02	20.08	19.98
EGPRS(8PSK, 1-Slot)	12.74	13.01	12.85	13.14	13.27	13.24
EGPRS(8PSK, 2-Slot)	12.83	12.96	12.95	13.72	13.85	13.33
EGPRS(8PSK, 3-Slot)	12.62	12.72	12.49	13.96	13.83	13.43
EGPRS(8PSK, 4-Slot)	13.07	13.10	13.02	14.24	13.94	13.87
Remark : 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB						



Burst Average Power (dBm)						
Antenna	ANT_1 Full power			ANT_4 Full power		
Band	PCS 1900			PCS 1900		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM(GMSK, 1-Slot)	29.29	29.31	29.35	29.61	29.74	29.66
GPRS (GMSK, 1-Slot)	29.28	29.29	29.31	29.60	29.71	29.61
GPRS (GMSK, 2-Slot)	26.54	26.77	26.26	27.37	27.63	27.62
GPRS (GMSK, 3-Slot)	24.74	24.96	24.54	26.08	26.16	25.97
GPRS (GMSK, 4-Slot)	23.82	23.95	23.56	24.95	25.07	24.84
EGPRS(8PSK, 1-Slot)	24.96	25.32	24.56	25.34	25.47	25.25
EGPRS(8PSK, 2-Slot)	22.48	22.85	22.52	22.88	22.99	23.04
EGPRS(8PSK, 3-Slot)	21.11	21.43	21.23	20.82	21.07	21.05
EGPRS(8PSK, 4-Slot)	20.38	20.65	20.42	19.95	20.18	19.96
Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link						

Fram- RF Output Power (dBm)						
Antenna	ANT_1 Full power			ANT_4 Full power		
Band	PCS 1900			PCS 1900		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM(GMSK, 1-Slot)	20.26	20.28	20.32	20.58	20.71	20.63
GPRS (GMSK, 1-Slot)	20.25	20.26	20.28	20.57	20.68	20.58
GPRS (GMSK, 2-Slot)	20.52	20.75	20.24	21.35	21.61	21.60
GPRS (GMSK, 3-Slot)	20.48	20.70	20.28	21.82	21.90	21.71
GPRS (GMSK, 4-Slot)	20.81	20.94	20.55	21.94	22.06	21.83
EGPRS(8PSK, 1-Slot)	15.93	16.29	15.53	16.31	16.44	16.22
EGPRS(8PSK, 2-Slot)	16.46	16.83	16.50	16.86	16.97	17.02
EGPRS(8PSK, 3-Slot)	16.85	17.17	16.97	16.56	16.81	16.79
EGPRS(8PSK, 4-Slot)	17.37	17.64	17.41	16.94	17.17	16.95
Remark : 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB						



Burst Average Power (dBm)						
Antenna	ANT_1 DSI 1 power			ANT_4 DSI 1 power		
Band	PCS 1900			PCS 1900		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM(GMSK, 1-Slot)	23.19	23.31	23.32	25.24	25.47	25.35
GPRS (GMSK, 1-Slot)	23.22	23.21	23.23	25.32	25.41	25.31
GPRS (GMSK, 2-Slot)	20.50	20.79	20.29	22.99	23.24	23.33
GPRS (GMSK, 3-Slot)	18.67	18.88	18.57	21.83	21.82	21.66
GPRS (GMSK, 4-Slot)	17.85	17.91	17.60	20.73	20.70	20.52
EGPRS(8PSK, 1-Slot)	18.90	19.32	18.53	21.00	21.09	20.92
EGPRS(8PSK, 2-Slot)	16.46	16.88	16.43	18.52	18.72	18.64
EGPRS(8PSK, 3-Slot)	15.11	15.47	15.19	16.56	16.77	16.81
EGPRS(8PSK, 4-Slot)	14.37	14.65	14.40	15.63	15.85	15.63
Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link						

Fram- RF Output Power (dBm)						
Antenna	ANT_1 DSI 1 power			ANT_4 DSI 1 power		
Band	PCS 1900			PCS 1900		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM(GMSK, 1-Slot)	14.16	14.28	14.29	16.21	16.44	16.32
GPRS (GMSK, 1-Slot)	14.19	14.18	14.20	16.29	16.38	16.28
GPRS (GMSK, 2-Slot)	14.48	14.77	14.27	16.97	17.22	17.31
GPRS (GMSK, 3-Slot)	14.41	14.62	14.31	17.57	17.56	17.40
GPRS (GMSK, 4-Slot)	14.84	14.90	14.59	17.72	17.69	17.51
EGPRS(8PSK, 1-Slot)	9.97	10.29	9.85	11.97	12.06	11.89
EGPRS(8PSK, 2-Slot)	10.44	10.86	10.41	12.50	12.70	12.62
EGPRS(8PSK, 3-Slot)	10.85	11.21	10.93	12.30	12.51	12.55
EGPRS(8PSK, 4-Slot)	11.36	11.64	11.39	12.62	12.84	12.62
Remark : 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB						

**WCDMA**

Band	WCDMA Band 2				WCDMA Band 4		WCDMA Band 5		
Antenna	ANT_1 Full power						ANT_3 Full power		
Channel	9262	9400	9538	1312	1412	1513	4132	4183	4233
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.4	1752.6	826.4	836.6	846.6
RMC 12.2Kbps	23.34	23.38	23.40	23.53	23.38	23.32	23.32	23.35	23.24
HSDPA Subtest-1	23.32	23.37	23.38	23.51	23.36	23.31	23.31	23.33	23.22
HSDPA Subtest-2	22.32	22.35	22.40	22.50	22.35	22.27	22.48	22.46	22.32
HSDPA Subtest-3	21.80	21.84	21.88	22.00	21.81	21.81	21.99	21.94	21.82
HSDPA Subtest-4	21.86	21.81	21.90	21.96	21.81	21.80	21.98	21.91	21.82
HSUPA Subtest-1	21.77	21.79	21.85	21.91	21.89	21.77	21.94	21.89	21.82
HSUPA Subtest-2	22.31	22.29	22.28	22.37	22.28	22.36	22.49	22.39	22.32
HSUPA Subtest-3	20.29	20.32	20.42	20.30	20.34	20.27	20.45	20.39	20.35
HSUPA Subtest-4	21.40	21.37	21.42	21.35	21.24	21.16	21.41	21.34	21.31
HSUPA Subtest-5	20.36	20.27	20.38	20.40	20.24	20.23	20.46	20.39	20.27

Band	WCDMA Band 2			WCDMA Band 4			WCDMA Band 5		
Antenna	ANT_1 DSI 1 power						ANT_3 DSI 1 power		
Channel	9262	9400	9538	1312	1412	1513	4132	4183	4233
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.4	1752.6	826.4	836.6	846.6
RMC 12.2Kbps	18.21	18.16	18.27	18.28	18.10	18.16	19.45	19.34	19.41
HSDPA Subtest-1	18.15	18.12	18.21	18.21	18.04	18.13	19.30	19.29	19.38
HSDPA Subtest-2	16.93	17.11	17.15	17.06	17.18	16.99	18.48	18.27	18.21
HSDPA Subtest-3	16.36	16.61	16.56	16.56	16.54	16.33	18.15	18.08	17.73
HSDPA Subtest-4	16.52	16.35	16.76	16.51	16.51	16.39	17.99	17.79	17.63
HSUPA Subtest-1	16.52	16.65	16.70	16.50	16.48	16.63	18.05	17.76	17.65
HSUPA Subtest-2	16.82	16.92	17.03	16.98	17.12	17.04	18.48	18.42	18.15
HSUPA Subtest-3	14.97	15.05	15.27	14.91	15.16	14.92	16.37	16.52	16.18
HSUPA Subtest-4	16.18	16.09	16.16	15.93	16.04	16.01	17.33	17.18	17.37
HSUPA Subtest-5	15.08	15.02	14.89	15.17	15.10	15.04	16.46	16.29	16.40



Band	WCDMA Band 2				WCDMA Band 4		WCDMA Band 5		
Antenna	ANT_4 Full power						ANT_5 Full power		
Channel	9262	9400	9538	1312	1412	1513	4132	4183	4233
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.4	1752.6	826.4	836.6	846.6
RMC 12.2Kbps	23.47	23.44	23.45	23.56	23.45	23.42	23.63	23.49	23.36
HSDPA Subtest-1	23.45	23.42	23.44	23.55	23.43	23.40	23.61	23.45	23.35
HSDPA Subtest-2	22.50	22.46	23.57	22.63	22.44	22.38	22.57	22.45	22.34
HSDPA Subtest-3	22.00	21.99	23.05	22.14	21.96	21.93	22.08	21.97	21.85
HSDPA Subtest-4	22.00	21.98	23.06	22.14	21.94	21.91	22.11	21.96	21.84
HSUPA Subtest-1	22.03	21.95	23.04	22.09	21.89	21.93	22.11	21.98	21.83
HSUPA Subtest-2	22.49	22.41	22.50	22.58	22.46	22.42	22.61	22.40	22.33
HSUPA Subtest-3	20.42	20.27	20.63	20.65	20.43	20.44	20.60	20.43	20.35
HSUPA Subtest-4	21.48	21.49	21.46	21.61	21.35	21.42	21.54	21.52	21.33
HSUPA Subtest-5	20.50	20.41	20.59	20.57	20.41	20.46	20.54	20.44	20.34

Band	WCDMA Band 2				WCDMA Band 4		WCDMA Band 5		
Antenna	ANT_4 DSI 1 power						ANT_5 DSI 1 power		
Channel	9262	9400	9538	1312	1412	1513	4132	4183	4233
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.4	1752.6	826.4	836.6	846.6
RMC 12.2Kbps	16.53	16.44	16.36	18.17	18.32	18.10	19.39	19.16	19.10
HSDPA Subtest-1	16.44	16.32	16.28	18.30	17.98	18.07	19.35	19.13	18.98
HSDPA Subtest-2	15.34	15.30	16.54	17.39	17.20	17.04	18.34	18.26	17.97
HSDPA Subtest-3	15.03	15.07	15.85	16.66	16.57	16.71	17.79	17.59	17.56
HSDPA Subtest-4	14.92	15.01	15.99	16.74	16.67	16.69	17.81	17.85	17.44
HSUPA Subtest-1	14.98	14.83	16.01	16.82	16.78	16.47	17.95	17.60	17.68
HSUPA Subtest-2	15.41	15.41	15.47	17.31	17.02	17.07	18.25	18.02	18.17
HSUPA Subtest-3	13.33	13.28	13.53	15.25	15.09	15.22	16.49	16.03	16.24
HSUPA Subtest-4	14.52	14.48	14.28	16.34	15.92	15.93	17.39	17.28	17.08
HSUPA Subtest-5	13.50	13.22	13.60	15.22	15.24	15.12	16.22	16.19	16.16

According to 3GPP 25.101 sub-clause 6.2.2, the maximum output power is allowed to be reduced by following the table.



Table 6.1A: UE maximum output power with HS-DPCCH and E-DCH

UE Transmit Channel Configuration	CM(db)	MPR(db)
For all combinations of ,DPDCH,DPCCH HS-DPDCH,E-DPDCH and E-DPCCH	$0 \leq CM \leq 3.5$	MAX(CM-1,0)
Note: CM=1 for $\beta_c/\beta_d=12/15$, $\beta_{hs}/\beta_c=24/15$.For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.		

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done .However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.



LTE Conducted Power

General Note:

1. Anritsu CMW500 base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
 2. Per KDB 941225 D05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
 3. Per KDB 941225 D05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
 4. Per KDB 941225 D05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
 5. Per KDB 941225 D05, 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 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
 6. Per KDB 941225 D05, 16QAM output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05, 16QAM SAR testing is not required.
 7. Per KDB 941225 D05, Smaller bandwidth output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05, smaller bandwidth SAR testing is not required.
 8. According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping LTE bands as follows:
 - a) The maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion.
 - b) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.
- . LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780MHz)
- .LTE Band 17 (704-716 MHz) is covered by LTE Band 12(699-716MHz)



LTE Band 2 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.91	23.15	23.10
1.4	1	2		22.92	23.05	22.94
1.4	1	5		22.84	23.02	23.10
1.4	3	0		21.90	22.01	22.05
1.4	3	1		21.89	21.98	22.03
1.4	3	2		21.95	21.93	22.02
1.4	6	0		22.00	22.04	22.02
1.4	1	0	16-QAM	21.75	22.12	21.92
1.4	1	2		21.73	22.04	21.88
1.4	1	5		21.96	21.99	21.90
1.4	3	0		20.99	20.96	21.04
1.4	3	1		20.96	21.03	21.01
1.4	3	2		21.00	20.97	21.04
1.4	6	0		20.92	20.98	21.00
3	1	0	QPSK	22.93	22.94	23.09
3	1	7		23.13	23.12	23.38
3	1	14		23.04	22.98	23.06
3	8	0		22.05	22.01	22.11
3	8	4		22.08	22.12	22.13
3	8	7		22.03	22.15	22.16
3	15	0		21.98	22.04	22.10
3	1	0	16-QAM	22.05	21.82	21.94
3	1	7		22.25	22.01	22.16
3	1	14		22.12	22.09	22.09
3	8	0		21.08	20.94	21.04
3	8	4		21.07	21.08	21.12
3	8	7		21.04	21.16	21.19
3	15	0		21.02	21.07	21.12



LTE Band 2 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.97	23.11	23.22
5	1	12		23.11	23.11	23.33
5	1	24		23.04	23.19	23.23
5	12	0		22.07	22.01	22.16
5	12	6		22.11	22.07	22.17
5	12	11		22.06	22.12	22.21
5	25	0		22.10	22.06	22.26
5	1	0	16-QAM	21.98	22.24	22.10
5	1	12		22.14	22.24	22.13
5	1	24		21.94	22.14	22.28
5	12	0		21.06	21.07	21.10
5	12	6		21.09	21.09	21.21
5	12	11		21.09	21.15	21.18
5	25	0		21.07	21.06	21.22
10	1	0	QPSK	23.03	23.12	23.30
10	1	24		22.98	23.09	23.25
10	1	49		23.06	23.23	23.16
10	25	0		22.02	22.10	22.30
10	25	12		22.07	22.14	22.34
10	25	24		22.08	22.23	22.27
10	50	0		22.10	22.16	22.34
10	1	0	16-QAM	22.05	22.11	22.39
10	1	24		22.16	22.10	22.39
10	1	49		22.03	22.09	22.20
10	25	0		21.11	21.17	21.33
10	25	12		21.09	21.16	21.32
10	25	24		21.10	21.24	21.26
10	50	0		21.11	21.11	21.36



LTE Band 2 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.18	23.15	23.44
15	1	37		23.22	23.17	23.33
15	1	74		23.00	23.28	23.21
15	36	0		22.11	22.10	22.24
15	36	18		22.12	22.15	22.32
15	36	39		22.06	22.07	22.28
15	75	0		22.06	22.08	22.26
15	1	0	16-QAM	22.22	22.00	22.41
15	1	38		22.22	22.29	22.35
15	1	75		22.19	22.16	22.14
15	36	0		22.11	22.08	22.25
15	36	18		21.17	21.13	21.31
15	36	39		22.06	22.11	22.26
15	75	0		21.12	21.11	21.34
20	1	0	QPSK	23.06	23.17	23.30
20	1	49		23.12	23.29	23.38
20	1	99		23.13	23.38	23.33
20	50	0		22.08	22.15	22.33
20	50	24		22.16	22.17	22.46
20	50	49		22.13	22.25	22.40
20	100	0		22.12	22.15	22.38
20	1	0	16-QAM	22.13	22.19	22.05
20	1	49		22.13	22.34	22.16
20	1	99		22.12	22.40	22.24
20	50	0		21.01	21.13	21.27
20	50	24		21.17	21.22	21.46
20	50	49		21.10	21.33	21.37
20	100	0		21.14	21.13	21.39



LTE Band 2 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	17.99	18.23	18.17
1.4	1	2		18.03	18.19	18.08
1.4	1	5		18.00	18.15	18.00
1.4	3	0		16.97	17.14	17.20
1.4	3	1		16.84	17.16	17.16
1.4	3	2		16.75	17.10	17.07
1.4	6	0		17.00	17.13	17.30
1.4	1	0	16-QAM	16.97	17.32	17.06
1.4	1	2		16.98	17.37	17.05
1.4	1	5		16.84	17.13	17.00
1.4	3	0		15.92	16.42	16.08
1.4	3	1		16.07	16.27	16.23
1.4	3	2		15.86	16.08	16.17
1.4	6	0		16.11	16.17	16.16
3	1	0	QPSK	18.08	18.22	18.29
3	1	7		18.22	18.21	18.26
3	1	14		18.17	18.31	18.08
3	8	0		17.22	17.32	17.32
3	8	4		17.23	17.26	17.38
3	8	7		17.33	17.25	17.36
3	15	0		17.20	17.28	17.27
3	1	0	16-QAM	17.16	17.06	17.29
3	1	7		17.43	17.41	17.53
3	1	14		17.08	17.18	17.30
3	8	0		16.19	16.20	16.32
3	8	4		16.19	16.31	16.38
3	8	7		16.19	16.38	16.25
3	15	0		16.23	16.29	16.17



LTE Band 2 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.36	18.25	18.49
5	1	12		18.24	18.42	18.41
5	1	24		18.15	18.51	18.33
5	12	0		17.23	17.22	17.33
5	12	6		17.21	17.17	17.40
5	12	11		17.23	17.27	17.40
5	25	0		17.24	17.22	17.24
5	1	0	16-QAM	17.28	17.27	17.39
5	1	12		17.27	17.54	17.42
5	1	24		17.09	17.40	17.19
5	12	0		16.29	16.27	16.36
5	12	6		16.33	16.29	16.40
5	12	11		16.34	16.37	16.40
5	25	0		16.15	16.12	16.28
10	1	0	QPSK	18.16	18.16	18.50
10	1	24		18.21	18.28	18.48
10	1	49		18.05	18.25	18.31
10	25	0		17.20	17.21	17.44
10	25	12		17.23	17.30	17.50
10	25	24		17.28	17.42	17.33
10	50	0		17.26	17.21	17.45
10	1	0	16-QAM	17.20	17.08	17.36
10	1	24		17.22	17.25	17.45
10	1	49		17.26	17.47	17.35
10	25	0		16.23	16.31	16.41
10	25	12		16.14	16.34	16.49
10	25	24		16.21	16.34	16.45
10	50	0		16.20	16.33	16.44



LTE Band 2 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	18.26	18.36	18.35
15	1	37		18.18	18.41	18.56
15	1	74		18.27	18.33	18.32
15	36	0		17.16	17.28	17.38
15	36	18		17.33	17.26	17.41
15	36	39		17.18	17.26	17.29
15	75	0		17.14	17.21	17.36
15	1	0	16-QAM	17.40	17.10	17.41
15	1	38		17.34	17.20	17.64
15	1	75		17.28	17.28	17.33
15	36	0		16.14	16.29	16.36
15	36	18		16.21	16.32	16.50
15	36	39		16.23	16.19	16.31
15	75	0		16.33	16.21	16.42
20	1	0	QPSK	18.20	18.21	18.44
20	1	49		18.26	18.30	18.55
20	1	99		18.19	18.36	18.42
20	50	0		17.13	17.14	17.49
20	50	24		17.30	17.21	17.52
20	50	49		17.27	17.37	17.40
20	100	0		17.28	17.27	17.50
20	1	0	16-QAM	17.13	17.20	17.41
20	1	49		17.19	17.29	17.46
20	1	99		17.32	17.46	17.30
20	50	0		16.23	16.29	16.29
20	50	24		16.34	16.25	16.57
20	50	49		16.24	16.46	16.47
20	100	0		16.11	16.19	16.45



LTE Band 2 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.01	23.22	23.26
1.4	1	2		23.06	23.21	23.16
1.4	1	5		23.01	23.25	23.04
1.4	3	0		21.98	22.19	22.25
1.4	3	1		21.93	22.15	22.12
1.4	3	2		21.87	22.20	22.16
1.4	6	0		22.06	22.22	22.25
1.4	1	0	16-QAM	22.07	22.42	22.02
1.4	1	2		22.06	22.35	22.10
1.4	1	5		21.88	22.20	21.96
1.4	3	0		20.98	21.47	21.11
1.4	3	1		21.03	21.27	21.20
1.4	3	2		20.95	21.13	21.20
1.4	6	0		21.13	21.21	21.26
3	1	0	QPSK	23.14	23.18	23.38
3	1	7		23.33	23.33	23.34
3	1	14		23.12	23.27	23.19
3	8	0		22.26	22.30	22.29
3	8	4		22.28	22.37	22.34
3	8	7		22.33	22.35	22.33
3	15	0		22.24	22.24	22.31
3	1	0	16-QAM	22.12	22.03	22.24
3	1	7		22.38	22.41	22.54
3	1	14		22.08	22.28	22.31
3	8	0		21.19	21.29	21.32
3	8	4		21.22	21.34	21.33
3	8	7		21.23	21.34	21.36
3	15	0		21.22	21.31	21.21



LTE Band 2 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.35	23.35	23.47
5	1	12		23.30	23.46	23.36
5	1	24		23.24	23.47	23.36
5	12	0		22.25	22.25	22.34
5	12	6		22.32	22.26	22.36
5	12	11		22.27	22.37	22.37
5	25	0		22.28	22.20	22.36
5	1	0	16-QAM	22.31	22.24	22.48
5	1	12		22.34	22.52	22.48
5	1	24		22.08	22.50	22.27
5	12	0		21.32	21.24	21.36
5	12	6		21.29	21.32	21.36
5	12	11		21.32	21.42	21.40
5	25	0		21.25	21.22	21.37
10	1	0	QPSK	23.28	23.22	23.50
10	1	24		23.29	23.36	23.46
10	1	49		23.15	23.33	23.32
10	25	0		22.21	22.30	22.44
10	25	12		22.27	22.27	22.51
10	25	24		22.25	22.42	22.39
10	50	0		22.28	22.29	22.45
10	1	0	16-QAM	22.27	22.19	22.35
10	1	24		22.18	22.27	22.45
10	1	49		22.25	22.47	22.30
10	25	0		21.27	21.27	21.49
10	25	12		21.24	21.30	21.49
10	25	24		21.30	21.39	21.42
10	50	0		21.29	21.29	21.44



LTE Band 2 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.23	23.29	23.38
15	1	37		23.22	23.38	23.52
15	1	74		23.27	23.39	23.32
15	36	0		22.22	22.29	22.36
15	36	18		22.33	22.31	22.46
15	36	39		22.24	22.29	22.38
15	75	0		22.17	22.22	22.40
15	1	0	16-QAM	22.44	22.15	22.49
15	1	38		22.29	22.27	22.63
15	1	75		22.28	22.39	22.35
15	36	0		21.23	21.26	21.40
15	36	18		21.28	21.32	21.50
15	36	39		21.22	21.24	21.41
15	75	0		21.29	21.24	21.46
20	1	0	QPSK	23.17	23.25	23.42
20	1	49		23.21	23.32	23.64
20	1	99		23.22	23.46	23.38
20	50	0		22.21	22.26	22.49
20	50	24		22.29	22.32	22.57
20	50	49		22.30	22.44	22.48
20	100	0		22.27	22.25	22.51
20	1	0	16-QAM	22.08	22.25	22.47
20	1	49		22.28	22.39	22.50
20	1	99		22.41	22.50	22.41
20	50	0		21.21	21.25	21.36
20	50	24		21.31	21.37	21.59
20	50	49		21.30	21.45	21.52
20	100	0		21.19	21.31	21.55



LTE Band 2 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	18.20	18.04	18.18
1.4	1	2		18.26	18.07	18.19
1.4	1	5		18.14	18.12	18.14
1.4	3	0		17.12	17.13	17.08
1.4	3	1		17.10	17.02	17.05
1.4	3	2		17.00	17.19	16.96
1.4	6	0		17.04	17.09	17.02
1.4	1	0	16-QAM	17.16	17.29	16.97
1.4	1	2		17.10	17.28	17.15
1.4	1	5		17.12	17.15	17.11
1.4	3	0		16.11	16.23	16.05
1.4	3	1		16.16	16.08	16.07
1.4	3	2		16.00	16.06	16.06
1.4	6	0		16.26	16.13	16.16
3	1	0	QPSK	18.12	18.05	18.09
3	1	7		18.38	18.35	18.27
3	1	14		18.24	18.24	18.16
3	8	0		17.26	17.22	17.17
3	8	4		17.28	17.29	17.22
3	8	7		17.30	17.26	17.36
3	15	0		17.28	17.25	17.15
3	1	0	16-QAM	17.12	17.12	17.03
3	1	7		17.28	17.18	17.28
3	1	14		17.15	17.08	17.09
3	8	0		16.36	16.27	16.14
3	8	4		16.37	16.20	16.16
3	8	7		16.30	16.27	16.30
3	15	0		16.29	16.36	16.25



LTE Band 2 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.33	18.18	18.32
5	1	12		18.21	18.24	18.24
5	1	24		18.42	18.31	18.35
5	12	0		17.30	17.11	17.09
5	12	6		17.36	17.30	17.32
5	12	11		17.33	17.30	17.28
5	25	0		17.24	17.14	17.14
5	1	0	16-QAM	17.25	17.35	17.37
5	1	12		17.30	17.43	17.22
5	1	24		17.28	17.33	17.09
5	12	0		16.33	16.13	16.23
5	12	6		16.35	16.16	16.25
5	12	11		16.32	16.20	16.28
5	25	0		16.25	16.22	16.22
10	1	0	QPSK	18.22	18.29	18.30
10	1	24		18.28	18.38	18.19
10	1	49		18.38	18.12	18.21
10	25	0		17.21	17.24	17.26
10	25	12		17.36	17.29	17.12
10	25	24		17.35	17.19	17.30
10	50	0		17.43	17.31	17.34
10	1	0	16-QAM	17.18	17.16	17.12
10	1	24		17.27	17.30	17.22
10	1	49		17.40	17.30	16.95
10	25	0		16.27	16.25	16.17
10	25	12		16.29	16.27	16.09
10	25	24		16.38	16.23	16.19
10	50	0		16.42	16.35	16.34



LTE Band 2 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	18.24	18.29	18.05
15	1	37		18.26	18.12	18.18
15	1	74		18.13	18.20	18.04
15	36	0		17.29	17.13	17.21
15	36	18		17.25	17.07	17.08
15	36	39		17.31	17.30	17.16
15	75	0		17.23	17.15	17.05
15	1	0	16-QAM	17.27	17.18	17.09
15	1	38		17.30	17.31	17.17
15	1	75		17.07	17.02	16.94
15	36	0		16.31	16.19	16.16
15	36	18		16.30	16.23	16.12
15	36	39		16.30	16.29	16.17
15	75	0		16.21	16.20	16.22
20	1	0	QPSK	18.15	18.24	18.10
20	1	49		18.29	18.15	18.14
20	1	99		18.17	18.00	18.06
20	50	0		17.25	17.09	17.18
20	50	24		17.36	17.23	17.22
20	50	49		17.19	17.30	17.19
20	100	0		17.19	17.18	17.29
20	1	0	16-QAM	17.10	17.25	16.66
20	1	49		17.29	17.24	17.14
20	1	99		17.10	17.17	16.90
20	50	0		16.26	16.18	16.20
20	50	24		16.32	16.24	16.27
20	50	49		16.28	16.19	16.30
20	100	0		16.22	16.30	16.24



LTE Band 4 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.09	22.95	23.18
1.4	1	2		23.05	23.04	23.18
1.4	1	5		23.03	23.01	23.02
1.4	3	0		22.09	22.05	22.03
1.4	3	1		22.04	22.12	21.94
1.4	3	2		22.08	22.07	22.17
1.4	6	0		22.05	22.05	22.03
1.4	1	0	16-QAM	21.90	22.01	22.10
1.4	1	2		22.14	22.02	21.99
1.4	1	5		22.00	22.06	21.97
1.4	3	0		21.18	21.10	21.04
1.4	3	1		21.06	20.97	21.01
1.4	3	2		21.13	21.05	21.14
1.4	6	0		21.11	21.07	21.09
3	1	0	QPSK	23.10	23.06	23.00
3	1	7		23.23	23.27	23.17
3	1	14		23.24	23.19	23.16
3	8	0		22.29	22.15	22.15
3	8	4		22.33	22.25	22.19
3	8	7		22.26	22.25	22.20
3	15	0		22.25	22.25	22.11
3	1	0	16-QAM	22.15	22.14	22.11
3	1	7		22.33	22.23	22.19
3	1	14		22.13	22.24	22.15
3	8	0		21.22	21.18	21.10
3	8	4		21.29	21.32	21.15
3	8	7		21.33	21.23	21.24
3	15	0		21.29	21.22	21.13



LTE Band 4 Maximum Average Power [dBm]						
ANT_11 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.24	23.22	23.09
5	1	12		23.38	23.33	23.23
5	1	24		23.14	23.25	23.33
5	12	0		22.24	22.14	22.16
5	12	6		22.34	22.19	22.20
5	12	11		22.34	22.23	22.25
5	25	0		22.30	22.26	22.12
5	1	0	16-QAM	22.25	22.20	22.27
5	1	12		22.20	22.38	22.16
5	1	24		22.10	22.46	22.26
5	12	0		21.25	21.10	21.12
5	12	6		21.30	21.24	21.13
5	12	11		21.29	21.32	21.26
5	25	0		21.35	21.28	21.14
10	1	0	QPSK	23.20	23.23	23.15
10	1	24		23.21	23.23	23.14
10	1	49		23.24	23.17	23.14
10	25	0		22.21	22.22	22.17
10	25	12		22.36	22.21	22.11
10	25	24		22.29	22.23	22.21
10	50	0		22.28	22.22	22.22
10	1	0	16-QAM	22.19	22.02	22.14
10	1	24		22.20	22.33	22.10
10	1	49		22.24	22.12	22.14
10	25	0		21.23	21.25	21.15
10	25	12		21.35	21.14	21.19
10	25	24		21.33	21.25	21.15
10	50	0		21.36	21.27	21.21



LTE Band 4 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.13	23.19	23.18
15	1	37		23.16	23.09	23.06
15	1	74		23.04	23.08	23.06
15	36	0		22.21	22.19	22.09
15	36	18		22.23	22.14	22.10
15	36	39		22.23	22.21	22.10
15	75	0		22.23	22.18	22.11
15	1	0	16-QAM	22.40	22.12	22.14
15	1	38		22.21	22.07	22.04
15	1	75		22.14	22.00	22.05
15	36	0		22.28	22.14	22.16
15	36	18		21.30	21.15	21.09
15	36	39		22.19	22.15	22.15
15	75	0		21.24	21.18	21.20
20	1	0	QPSK	23.20	23.18	23.11
20	1	49		23.24	23.24	23.12
20	1	99		23.15	23.10	23.15
20	50	0		22.24	22.17	22.14
20	50	24		22.36	22.23	22.26
20	50	49		22.28	22.20	22.19
20	100	0		22.29	22.19	22.17
20	1	0	16-QAM	22.03	22.14	22.34
20	1	49		22.17	22.26	22.32
20	1	99		22.05	22.08	22.14
20	50	0		21.23	21.19	21.13
20	50	24		21.32	21.31	21.19
20	50	49		21.24	21.23	21.18
20	100	0		21.32	21.27	21.22



LTE Band 4 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	18.05	17.82	18.17
1.4	1	2		18.08	18.00	18.15
1.4	1	5		18.08	17.91	17.93
1.4	3	0		16.97	17.00	16.86
1.4	3	1		16.83	17.01	16.73
1.4	3	2		16.92	17.03	17.21
1.4	6	0		16.98	16.95	16.95
1.4	1	0	16-QAM	16.78	16.91	16.88
1.4	1	2		16.99	17.02	16.94
1.4	1	5		16.80	17.09	16.96
1.4	3	0		16.15	16.02	15.84
1.4	3	1		16.09	15.89	15.90
1.4	3	2		16.10	15.87	16.15
1.4	6	0		15.95	16.08	15.93
3	1	0	QPSK	18.04	17.88	17.77
3	1	7		18.06	18.18	18.02
3	1	14		18.04	18.20	18.10
3	8	0		17.12	16.95	16.92
3	8	4		17.38	17.15	16.98
3	8	7		17.11	17.29	17.04
3	15	0		17.16	17.10	17.05
3	1	0	16-QAM	17.17	16.96	17.00
3	1	7		17.22	17.12	16.95
3	1	14		16.96	17.02	17.02
3	8	0		16.24	16.07	16.15
3	8	4		16.30	16.27	16.08
3	8	7		16.16	16.23	16.19
3	15	0		16.21	16.20	15.94



LTE Band 4 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.13	18.25	17.90
5	1	12		18.29	18.10	18.27
5	1	24		18.18	18.19	18.33
5	12	0		17.10	16.92	17.16
5	12	6		17.13	17.06	17.08
5	12	11		17.13	17.11	17.08
5	25	0		17.20	17.28	17.15
5	1	0	16-QAM	17.28	17.05	17.17
5	1	12		17.08	17.17	17.11
5	1	24		16.99	17.46	17.23
5	12	0		16.05	16.05	15.89
5	12	6		16.29	16.05	16.16
5	12	11		16.14	16.20	16.08
5	25	0		16.22	16.21	16.13
10	1	0	QPSK	18.09	18.23	18.19
10	1	24		18.00	18.18	18.14
10	1	49		18.12	18.13	18.08
10	25	0		17.23	17.14	17.17
10	25	12		17.28	17.25	17.10
10	25	24		17.19	17.06	17.03
10	50	0		17.12	17.16	17.24
10	1	0	16-QAM	17.21	17.01	17.06
10	1	24		17.18	17.18	17.08
10	1	49		17.24	16.92	16.95
10	25	0		16.10	16.14	15.98
10	25	12		16.12	15.95	16.06
10	25	24		16.18	16.16	16.05
10	50	0		16.24	16.24	16.08



LTE Band 4 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	17.97	18.18	18.10
15	1	37		18.20	17.96	17.86
15	1	74		17.88	18.07	18.05
15	36	0		17.11	17.14	16.93
15	36	18		17.24	17.15	16.88
15	36	39		17.02	17.25	17.10
15	75	0		17.18	17.07	17.06
15	1	0	16-QAM	17.20	16.97	17.17
15	1	38		17.11	16.86	16.92
15	1	75		16.96	17.03	17.04
15	36	0		17.31	17.08	17.07
15	36	18		16.15	15.99	15.98
15	36	39		17.23	17.08	17.01
15	75	0		16.06	16.06	16.06
20	1	0	QPSK	18.16	18.02	18.11
20	1	49		18.11	18.08	18.08
20	1	99		17.95	18.07	18.11
20	50	0		17.25	17.11	17.14
20	50	24		17.17	17.20	17.13
20	50	49		17.32	17.25	16.99
20	100	0		17.26	17.08	16.95
20	1	0	16-QAM	16.92	17.07	17.37
20	1	49		17.07	17.22	17.22
20	1	99		16.98	16.92	17.05
20	50	0		16.22	16.11	16.09
20	50	24		16.18	16.14	16.02
20	50	49		16.10	16.16	16.20
20	100	0		16.14	16.09	16.07



LTE Band 4 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.17	23.13	23.21
1.4	1	2		23.24	23.06	23.29
1.4	1	5		23.18	23.08	23.12
1.4	3	0		22.16	22.14	22.08
1.4	3	1		22.15	22.11	22.10
1.4	3	2		22.11	22.21	22.08
1.4	6	0		22.14	22.16	22.07
1.4	1	0	16-QAM	22.16	22.27	22.04
1.4	1	2		22.07	22.24	22.22
1.4	1	5		22.07	22.20	22.21
1.4	3	0		21.16	21.20	21.14
1.4	3	1		21.15	21.17	21.16
1.4	3	2		21.08	21.11	21.07
1.4	6	0		21.30	21.19	21.24
3	1	0	QPSK	23.18	23.11	23.17
3	1	7		23.44	23.40	23.34
3	1	14		23.23	23.19	23.23
3	8	0		22.32	22.28	22.24
3	8	4		22.36	22.33	22.27
3	8	7		22.38	22.29	22.34
3	15	0		22.33	22.30	22.23
3	1	0	16-QAM	22.22	22.14	22.13
3	1	7		22.32	22.28	22.28
3	1	14		22.25	22.11	22.11
3	8	0		21.35	21.22	21.21
3	8	4		21.36	21.27	21.23
3	8	7		21.38	21.32	21.39
3	15	0		21.34	21.32	21.20



LTE Band 4 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.37	23.22	23.32
5	1	12		23.27	23.29	23.28
5	1	24		23.39	23.35	23.31
5	12	0		22.37	22.19	22.20
5	12	6		22.38	22.26	22.27
5	12	11		22.36	22.32	22.33
5	25	0		22.34	22.26	22.18
5	1	0	16-QAM	22.29	22.34	22.32
5	1	12		22.29	22.38	22.27
5	1	24		22.32	22.31	22.20
5	12	0		21.33	21.20	21.22
5	12	6		21.36	21.26	21.25
5	12	11		21.40	21.27	21.39
5	25	0		21.36	21.31	21.19
10	1	0	QPSK	23.31	23.38	23.29
10	1	24		23.37	23.35	23.23
10	1	49		23.35	23.22	23.27
10	25	0		22.30	22.27	22.28
10	25	12		22.36	22.24	22.22
10	25	24		22.39	22.30	22.28
10	50	0		22.41	22.32	22.32
10	1	0	16-QAM	22.17	22.11	22.19
10	1	24		22.34	22.26	22.26
10	1	49		22.46	22.32	22.05
10	25	0		21.37	21.32	21.26
10	25	12		21.40	21.28	21.20
10	25	24		21.38	21.32	21.27
10	50	0		21.37	21.36	21.30



LTE Band 4 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.33	23.34	23.16
15	1	37		23.31	23.17	23.18
15	1	74		23.16	23.17	23.06
15	36	0		22.27	22.24	22.22
15	36	18		22.32	22.19	22.17
15	36	39		22.32	22.27	22.19
15	75	0		22.30	22.22	22.17
15	1	0	16-QAM	22.33	22.20	22.11
15	1	38		22.37	22.38	22.17
15	1	75		22.17	22.02	21.92
15	36	0		21.29	21.21	21.26
15	36	18		21.33	21.25	21.16
15	36	39		21.27	21.24	21.21
15	75	0		21.32	21.22	21.20
20	1	0	QPSK	23.22	23.20	23.21
20	1	49		23.26	23.27	23.18
20	1	99		23.21	23.02	23.12
20	50	0		22.32	22.19	22.20
20	50	24		22.35	22.28	22.30
20	50	49		22.29	22.27	22.27
20	100	0		22.30	22.28	22.24
20	1	0	16-QAM	22.16	22.23	21.78
20	1	49		22.37	22.26	22.24
20	1	99		22.10	22.16	22.00
20	50	0		21.27	21.22	21.20
20	50	24		21.33	21.32	21.27
20	50	49		21.34	21.26	21.25
20	100	0		21.23	21.25	21.27



LTE Band 4 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	18.17	18.16	18.03
1.4	1	2		18.04	17.91	18.20
1.4	1	5		18.08	18.03	18.14
1.4	3	0		17.07	16.93	16.97
1.4	3	1		17.17	16.94	16.88
1.4	3	2		16.89	17.03	17.04
1.4	6	0		17.10	17.03	17.04
1.4	1	0	16-QAM	17.10	17.31	17.02
1.4	1	2		16.97	17.12	17.08
1.4	1	5		17.09	17.01	17.04
1.4	3	0		16.01	16.25	16.17
1.4	3	1		16.20	16.11	16.08
1.4	3	2		16.12	16.03	16.00
1.4	6	0		16.12	16.17	16.11
3	1	0	QPSK	18.15	18.15	18.11
3	1	7		18.47	18.44	18.12
3	1	14		18.07	18.02	18.19
3	8	0		17.10	17.33	17.06
3	8	4		17.16	17.28	17.15
3	8	7		17.39	17.08	17.22
3	15	0		17.28	17.29	17.03
3	1	0	16-QAM	17.23	17.00	17.13
3	1	7		17.12	17.20	17.12
3	1	14		17.06	17.12	16.88
3	8	0		16.11	16.04	16.05
3	8	4		16.13	16.08	16.02
3	8	7		16.31	16.28	16.16
3	15	0		16.17	16.33	16.22



LTE Band 4 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.20	18.17	18.36
5	1	12		18.26	18.29	18.29
5	1	24		18.37	18.36	18.15
5	12	0		17.16	17.19	16.97
5	12	6		17.24	17.16	17.30
5	12	11		17.30	17.28	17.31
5	25	0		17.31	17.27	17.23
5	1	0	16-QAM	17.34	17.30	17.29
5	1	12		17.32	17.40	17.12
5	1	24		17.19	17.35	16.99
5	12	0		16.38	16.07	16.27
5	12	6		16.16	16.23	16.19
5	12	11		16.19	16.10	16.17
5	25	0		16.23	16.16	16.09
10	1	0	QPSK	18.17	18.40	18.12
10	1	24		18.33	18.17	18.15
10	1	49		18.28	18.04	18.17
10	25	0		17.29	17.07	17.21
10	25	12		17.23	17.22	17.21
10	25	24		17.32	17.13	17.25
10	50	0		17.22	17.28	17.26
10	1	0	16-QAM	17.04	17.14	17.10
10	1	24		17.16	17.27	17.27
10	1	49		17.48	17.31	16.87
10	25	0		16.37	16.16	16.18
10	25	12		16.33	16.08	16.23
10	25	24		16.17	16.26	16.03
10	50	0		16.38	16.14	16.34



LTE Band 4 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	18.28	18.35	17.97
15	1	37		18.20	18.01	18.14
15	1	74		18.07	18.17	18.05
15	36	0		17.07	17.26	17.03
15	36	18		17.11	17.18	17.01
15	36	39		17.11	17.25	17.06
15	75	0		17.19	17.12	17.20
15	1	0	16-QAM	17.19	16.98	16.91
15	1	38		17.33	17.33	17.03
15	1	75		17.03	16.94	16.88
15	36	0		16.12	16.10	16.25
15	36	18		16.31	16.04	16.07
15	36	39		16.03	16.12	16.05
15	75	0		16.20	16.03	16.21
20	1	0	QPSK	18.25	17.97	18.15
20	1	49		18.03	18.14	18.04
20	1	99		18.15	18.02	18.08
20	50	0		17.33	17.19	17.21
20	50	24		17.26	17.29	17.33
20	50	49		17.23	17.06	17.06
20	100	0		17.08	17.06	17.10
20	1	0	16-QAM	16.95	17.00	16.66
20	1	49		17.24	17.13	17.22
20	1	99		17.00	16.99	17.01
20	50	0		16.31	16.23	16.15
20	50	24		16.31	16.36	16.20
20	50	49		16.37	16.27	16.18
20	100	0		16.26	16.08	16.06



LTE Band 5 Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.18	23.23	22.88
1.4	1	2		23.29	23.14	23.10
1.4	1	5		23.26	23.10	23.08
1.4	3	0		22.21	22.10	21.99
1.4	3	1		22.18	22.06	21.97
1.4	3	2		22.21	22.02	22.06
1.4	6	0		22.27	22.20	22.06
1.4	1	0	16-QAM	22.12	22.09	22.05
1.4	1	2		22.22	22.18	21.94
1.4	1	5		22.27	22.05	21.99
1.4	3	0		21.16	21.27	21.05
1.4	3	1		21.30	21.05	21.10
1.4	3	2		21.22	21.15	21.04
1.4	6	0		21.29	21.17	20.94
3	1	0	QPSK	23.18	23.16	23.08
3	1	7		23.33	23.29	23.14
3	1	14		23.23	23.10	22.99
3	8	0		22.37	22.24	22.13
3	8	4		22.44	22.33	22.24
3	8	7		22.36	22.29	22.20
3	15	0		22.32	22.30	22.18
3	1	0	16-QAM	22.40	22.21	22.02
3	1	7		22.18	22.42	22.14
3	1	14		22.20	22.27	21.96
3	8	0		21.42	21.22	21.17
3	8	4		21.42	21.32	21.29
3	8	7		21.43	21.32	21.19
3	15	0		21.37	21.22	21.23



LTE Band 5 Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.43	23.35	23.38
5	1	12		23.30	23.27	23.15
5	1	24		23.24	23.14	23.13
5	12	0		22.36	22.28	22.12
5	12	6		22.42	22.33	22.14
5	12	11		22.41	22.23	22.18
5	25	0		22.32	22.28	22.09
5	1	0	16-QAM	22.40	22.62	22.26
5	1	12		22.40	22.49	22.21
5	1	24		22.23	22.28	22.20
5	12	0		21.36	21.29	21.09
5	12	6		21.47	21.37	21.17
5	12	11		21.31	21.28	21.23
5	25	0		21.41	21.28	21.09
10	1	0	QPSK	23.34	23.27	23.21
10	1	24		23.43	23.24	23.17
10	1	49		23.24	23.21	23.13
10	25	0		22.36	22.29	22.25
10	25	12		22.42	22.32	22.17
10	25	24		22.36	22.27	22.20
10	50	0		22.35	22.30	22.15
10	1	0	16-QAM	22.38	22.33	22.32
10	1	24		22.39	22.53	22.12
10	1	49		22.44	22.14	21.90
10	25	0		21.36	21.28	21.18
10	25	12		21.45	21.38	21.16
10	25	24		21.35	21.27	21.19
10	50	0		21.38	21.25	21.16



LTE Band 5 Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	18.02	18.07	17.85
1.4	1	2		18.17	18.10	18.05
1.4	1	5		18.23	18.06	17.94
1.4	3	0		17.02	17.05	16.94
1.4	3	1		17.07	16.89	16.82
1.4	3	2		17.12	16.92	16.95
1.4	6	0		17.11	17.04	16.97
1.4	1	0	16-QAM	17.00	17.03	16.90
1.4	1	2		17.03	16.98	16.77
1.4	1	5		17.10	16.88	16.93
1.4	3	0		16.02	16.19	15.98
1.4	3	1		16.13	16.01	16.06
1.4	3	2		16.10	16.12	15.90
1.4	6	0		16.24	16.14	15.81
3	1	0	QPSK	18.07	18.10	17.98
3	1	7		18.14	18.13	18.09
3	1	14		18.16	17.92	17.84
3	8	0		17.19	17.22	17.07
3	8	4		17.38	17.29	17.05
3	8	7		17.25	17.10	17.15
3	15	0		17.30	17.17	17.14
3	1	0	16-QAM	17.29	17.16	16.92
3	1	7		17.09	17.31	16.96
3	1	14		17.13	17.21	16.90
3	8	0		16.37	16.13	16.14
3	8	4		16.29	16.12	16.25
3	8	7		16.39	16.18	15.99
3	15	0		16.17	16.14	16.20



LTE Band 5 Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.28	18.31	18.32
5	1	12		18.26	18.23	18.11
5	1	24		18.20	18.06	18.04
5	12	0		17.22	17.24	16.99
5	12	6		17.26	17.14	17.11
5	12	11		17.34	17.10	17.10
5	25	0		17.22	17.19	16.96
5	1	0	16-QAM	17.37	17.46	17.06
5	1	12		17.31	17.39	17.02
5	1	24		17.13	17.25	17.16
5	12	0		16.17	16.22	15.97
5	12	6		16.38	16.26	16.01
5	12	11		16.22	16.24	16.19
5	25	0		16.22	16.20	16.01
10	1	0	QPSK	18.16	18.11	18.05
10	1	24		18.38	18.18	18.10
10	1	49		18.17	18.06	18.05
10	25	0		17.26	17.20	17.05
10	25	12		17.28	17.21	16.98
10	25	24		17.32	17.18	17.12
10	50	0		17.20	17.22	16.99
10	1	0	16-QAM	17.24	17.18	17.26
10	1	24		17.27	17.50	17.02
10	1	49		17.24	17.09	16.83
10	25	0		16.16	16.23	16.03
10	25	12		16.32	16.35	16.04
10	25	24		16.29	16.18	16.10
10	50	0		16.33	16.11	16.10



LTE Band 5 Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.17	23.26	23.05
1.4	1	2		23.14	23.20	23.10
1.4	1	5		23.08	23.20	23.04
1.4	3	0		22.15	22.13	22.13
1.4	3	1		22.17	22.11	22.10
1.4	3	2		22.18	22.13	22.08
1.4	6	0		22.20	22.16	22.14
1.4	1	0	16-QAM	22.10	22.16	22.24
1.4	1	2		22.04	22.18	22.14
1.4	1	5		22.07	21.92	22.06
1.4	3	0		21.11	21.13	21.15
1.4	3	1		21.21	21.17	21.04
1.4	3	2		21.26	21.23	21.04
1.4	6	0		21.16	21.17	21.15
3	1	0	QPSK	23.18	23.19	23.21
3	1	7		23.33	23.33	23.36
3	1	14		23.17	23.25	23.05
3	8	0		22.34	22.23	22.20
3	8	4		22.37	22.31	22.28
3	8	7		22.30	22.28	22.21
3	15	0		22.27	22.28	22.23
3	1	0	16-QAM	22.17	22.05	22.03
3	1	7		22.29	22.30	22.28
3	1	14		22.29	22.05	22.15
3	8	0		21.37	21.20	21.21
3	8	4		21.36	21.28	21.22
3	8	7		21.24	21.20	21.27
3	15	0		21.26	21.25	21.23



LTE Band 5 Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.41	23.29	23.22
5	1	12		23.34	23.36	23.30
5	1	24		23.35	23.32	23.31
5	12	0		22.21	22.24	22.18
5	12	6		22.38	22.34	22.22
5	12	11		22.29	22.27	22.21
5	25	0		22.31	22.25	22.13
5	1	0	16-QAM	22.28	22.36	22.33
5	1	12		22.31	22.36	22.34
5	1	24		22.46	22.14	22.35
5	12	0		21.24	21.20	21.21
5	12	6		21.35	21.35	21.24
5	12	11		21.28	21.28	21.28
5	25	0		21.27	21.27	21.14
10	1	0	QPSK	23.36	23.21	23.28
10	1	24		23.28	23.24	23.24
10	1	49		23.25	23.27	23.31
10	25	0		22.34	22.29	22.22
10	25	12		22.37	22.30	22.26
10	25	24		22.33	22.28	22.26
10	50	0		22.34	22.34	22.19
10	1	0	16-QAM	22.17	22.13	22.17
10	1	24		22.33	22.38	22.25
10	1	49		22.28	22.43	22.02
10	25	0		21.29	21.21	21.18
10	25	12		21.41	21.32	21.24
10	25	24		21.36	21.26	21.24
10	50	0		21.35	21.29	21.22



LTE Band 5 Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	18.15	18.21	18.00
1.4	1	2		18.00	18.12	18.11
1.4	1	5		17.96	18.19	18.00
1.4	3	0		17.11	16.98	17.09
1.4	3	1		17.12	16.97	16.98
1.4	3	2		17.18	17.04	17.06
1.4	6	0		17.19	17.01	17.09
1.4	1	0	16-QAM	17.03	17.04	17.20
1.4	1	2		17.01	17.15	17.00
1.4	1	5		16.99	16.80	17.05
1.4	3	0		15.98	16.12	16.01
1.4	3	1		16.20	16.02	15.94
1.4	3	2		16.25	16.22	16.05
1.4	6	0		16.10	16.03	16.11
3	1	0	QPSK	18.15	18.16	18.22
3	1	7		18.18	18.34	18.30
3	1	14		18.09	18.20	17.99
3	8	0		17.34	17.09	17.20
3	8	4		17.33	17.21	17.25
3	8	7		17.18	17.15	17.07
3	15	0		17.21	17.20	17.08
3	1	0	16-QAM	17.03	16.98	16.95
3	1	7		17.27	17.23	17.26
3	1	14		17.30	16.96	17.08
3	8	0		16.26	16.07	16.10
3	8	4		16.33	16.25	16.15
3	8	7		16.13	16.10	16.21
3	15	0		16.14	16.16	16.09



LTE Band 5 Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1		QPSK	18.26	18.20	18.13
5	1			18.33	18.22	18.17
5	1	0		18.22	18.30	18.21
5	12	12		17.18	17.23	17.11
5	12	6		17.35	17.26	17.17
5	12	11		17.15	17.23	17.10
5	25	0		17.18	17.25	17.11
5	1	0	16-QAM	17.26	17.23	17.28
5	1	12		17.18	17.37	17.26
5	1	24		17.36	17.13	17.27
5	12	0		16.18	16.13	16.11
5	12	6		16.33	16.34	16.25
5	12	11		16.25	16.27	16.26
5	25	0		16.24	16.25	16.03
10	1	0	QPSK	18.37	18.08	18.19
10	1	24		18.23	18.11	18.12
10	1	49		18.24	18.15	18.18
10	25	0		17.25	17.21	17.14
10	25	12		17.31	17.22	17.26
10	25	24		17.28	17.15	17.16
10	50	0		17.31	17.31	17.18
10	1	0	16-QAM	17.16	17.12	17.04
10	1	24		17.27	17.36	17.10
10	1	49		17.22	17.32	17.03
10	25	0		16.27	16.21	16.17
10	25	12		16.34	16.28	16.18
10	25	24		16.23	16.26	16.12
10	50	0		16.24	16.17	16.13



LTE Band 7 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.43	23.39	23.31
5	1	12		23.31	23.44	23.39
5	1	24		23.38	23.45	23.35
5	12	0		22.26	22.36	22.37
5	12	6		22.36	22.34	22.39
5	12	11		22.38	22.36	22.35
5	25	0		22.36	22.36	22.35
5	1	0	16-QAM	22.29	22.47	22.42
5	1	12		22.43	22.44	22.46
5	1	24		22.32	22.33	22.17
5	12	0		21.23	21.30	21.28
5	12	6		21.37	21.37	21.39
5	12	11		21.38	21.34	21.37
5	25	0		21.36	21.37	21.33
10	1	0	QPSK	23.15	23.26	23.33
10	1	24		23.30	23.38	23.38
10	1	49		23.32	23.36	23.19
10	25	0		22.29	22.34	22.29
10	25	12		22.36	22.39	22.27
10	25	24		22.38	22.36	22.34
10	50	0		22.34	22.34	22.29
10	1	0	16-QAM	22.67	22.33	22.28
10	1	24		22.54	22.34	22.13
10	1	49		22.43	22.26	22.30
10	25	0		21.28	21.38	21.30
10	25	12		21.43	21.34	21.34
10	25	24		21.37	21.37	21.34
10	50	0		21.32	21.33	21.31



LTE Band 7 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.12	23.25	23.27
15	1	37		23.35	23.25	23.14
15	1	74		23.24	23.39	23.35
15	36	0		22.20	22.30	22.28
15	36	18		22.30	22.32	22.28
15	36	39		22.23	22.27	22.31
15	75	0		22.30	22.30	22.30
15	1	0	16-QAM	22.61	22.37	22.26
15	1	38		22.47	22.25	22.30
15	1	75		22.29	22.32	22.27
15	36	0		21.21	21.29	21.25
15	36	18		21.34	21.39	21.31
15	36	39		21.26	21.27	21.27
15	75	0		21.23	21.31	21.29
20	1	0	QPSK	23.23	23.30	23.23
20	1	49		23.22	23.31	23.22
20	1	99		23.21	23.31	23.22
20	50	0		22.21	22.30	22.31
20	50	24		22.32	22.32	22.34
20	50	49		22.28	22.31	22.29
20	100	0		22.26	22.30	22.28
20	1	0	16-QAM	22.17	22.51	22.12
20	1	49		22.34	22.54	22.28
20	1	99		22.24	22.58	21.93
20	50	0		21.23	21.28	21.25
20	50	24		21.30	21.34	21.34
20	50	49		21.30	21.31	21.31
20	100	0		21.26	21.29	21.30



LTE Band 7 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	15.71	15.64	15.51
5	1	12		15.53	15.67	15.62
5	1	24		15.50	15.58	15.60
5	12	0		14.50	14.60	14.50
5	12	6		14.58	14.47	14.65
5	12	11		14.60	14.58	14.51
5	25	0		14.65	14.50	14.61
5	1	0	16-QAM	14.52	14.72	14.56
5	1	12		14.58	14.59	14.60
5	1	24		14.45	14.49	14.43
5	12	0		13.43	13.54	13.46
5	12	6		13.50	13.52	13.57
5	12	11		13.56	13.46	13.61
5	25	0		13.49	13.49	13.49
10	1	0	QPSK	15.34	15.53	15.56
10	1	24		15.53	15.55	15.62
10	1	49		15.59	15.57	15.38
10	25	0		14.55	14.62	14.57
10	25	12		14.51	14.61	14.39
10	25	24		14.66	14.64	14.50
10	50	0		14.53	14.46	14.53
10	1	0	16-QAM	14.82	14.50	14.46
10	1	24		14.74	14.49	14.37
10	1	49		14.58	14.50	14.58
10	25	0		13.40	13.66	13.54
10	25	12		13.63	13.62	13.62
10	25	24		13.62	13.66	13.49
10	50	0		13.46	13.61	13.54



LTE Band 7 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	15.38	15.40	15.55
15	1	37		15.52	15.41	15.30
15	1	74		15.44	15.63	15.49
15	36	0		14.33	14.43	14.50
15	36	18		14.53	14.51	14.49
15	36	39		14.51	14.40	14.56
15	75	0		14.52	14.44	14.46
15	1	0	16-QAM	14.89	14.66	14.55
15	1	38		14.63	14.37	14.46
15	1	75		14.46	14.52	14.54
15	36	0		13.48	13.44	13.48
15	36	18		13.55	13.66	13.43
15	36	39		13.50	13.41	13.44
15	75	0		13.40	13.51	13.43
20	1	0	QPSK	15.40	15.53	15.35
20	1	49		15.44	15.44	15.35
20	1	99		15.33	15.48	15.37
20	50	0		14.44	14.57	14.45
20	50	24		14.46	14.51	14.56
20	50	49		14.54	14.53	14.45
20	100	0		14.48	14.49	14.52
20	1	0	16-QAM	14.30	14.76	14.33
20	1	49		14.61	14.80	14.56
20	1	99		14.45	14.73	14.10
20	50	0		13.47	13.52	13.44
20	50	24		13.56	13.46	13.61
20	50	49		13.58	13.53	13.53
20	100	0		13.52	13.50	13.51



LTE Band 7 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.16	23.26	23.13
5	1	12		23.33	23.23	23.17
5	1	24		23.15	23.31	23.14
5	12	0		22.14	22.16	22.14
5	12	6		22.23	22.15	22.17
5	12	11		22.23	22.19	22.19
5	25	0		22.17	22.14	22.16
5	1	0	16-QAM	22.10	22.16	22.15
5	1	12		21.96	22.37	22.12
5	1	24		22.18	22.10	22.12
5	12	0		21.13	21.13	21.13
5	12	6		21.23	21.28	21.17
5	12	11		21.26	21.16	21.18
5	25	0		21.23	21.14	21.16
10	1	0	QPSK	23.08	23.19	23.23
10	1	24		23.17	23.14	23.04
10	1	49		23.27	23.20	23.13
10	25	0		22.08	22.18	22.13
10	25	12		22.18	22.19	22.14
10	25	24		22.22	22.19	22.12
10	50	0		22.16	22.10	22.14
10	1	0	16-QAM	22.03	22.34	22.04
10	1	24		22.37	22.12	22.14
10	1	49		22.22	22.06	22.18
10	25	0		21.10	21.15	21.14
10	25	12		21.24	21.19	21.11
10	25	24		21.20	21.16	21.13
10	50	0		21.14	21.21	21.09



LTE Band 7 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.10	23.20	23.01
15	1	37		23.07	23.12	23.21
15	1	74		23.13	23.17	23.02
15	36	0		22.09	22.05	22.07
15	36	18		22.07	22.10	22.16
15	36	39		22.11	22.10	22.07
15	75	0		22.06	22.13	22.09
15	1	0	16-QAM	22.31	22.08	22.03
15	1	38		22.12	22.20	22.12
15	1	75		22.21	22.12	22.12
15	36	0		21.09	21.13	21.06
15	36	18		21.14	21.19	21.12
15	36	39		21.03	21.07	21.08
15	75	0		21.09	21.15	21.14
20	1	0	QPSK	23.05	23.14	23.10
20	1	49		23.20	23.07	23.04
20	1	99		23.09	23.15	23.20
20	50	0		22.03	22.09	22.11
20	50	24		22.10	22.10	22.14
20	50	49		22.10	22.15	22.11
20	100	0		22.08	22.13	22.08
20	1	0	16-QAM	21.97	22.39	22.08
20	1	49		22.25	22.36	22.05
20	1	99		22.19	22.43	21.93
20	50	0		21.09	21.13	21.10
20	50	24		21.13	21.14	21.15
20	50	49		21.10	21.16	21.12
20	100	0		21.11	21.14	21.12



LTE Band 7 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	15.74	15.83	15.59
5	1	12		15.92	15.78	15.76
5	1	24		15.62	15.86	15.69
5	12	0		14.71	14.64	14.58
5	12	6		14.72	14.57	14.77
5	12	11		14.65	14.80	14.65
5	25	0		14.65	14.74	14.68
5	1	0	16-QAM	14.58	14.76	14.60
5	1	12		14.40	14.82	14.62
5	1	24		14.78	14.68	14.58
5	12	0		13.71	13.72	13.73
5	12	6		13.70	13.85	13.63
5	12	11		13.81	13.60	13.73
5	25	0		13.72	13.58	13.67
10	1	0	QPSK	15.53	15.78	15.70
10	1	24		15.71	15.72	15.58
10	1	49		15.79	15.69	15.60
10	25	0		14.66	14.66	14.69
10	25	12		14.70	14.65	14.72
10	25	24		14.67	14.80	14.54
10	50	0		14.75	14.58	14.60
10	1	0	16-QAM	14.48	14.88	14.49
10	1	24		14.92	14.59	14.71
10	1	49		14.74	14.53	14.65
10	25	0		13.59	13.63	13.68
10	25	12		13.72	13.70	13.55
10	25	24		13.63	13.73	13.66
10	50	0		13.60	13.78	13.65



LTE Band 7 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	15.55	15.73	15.58
15	1	37		15.62	15.58	15.68
15	1	74		15.73	15.77	15.52
15	36	0		14.52	14.57	14.50
15	36	18		14.64	14.68	14.61
15	36	39		14.59	14.69	14.64
15	75	0		14.63	14.64	14.68
15	1	0	16-QAM	14.81	14.57	14.59
15	1	38		14.66	14.69	14.71
15	1	75		14.77	14.56	14.67
15	36	0		13.60	13.70	13.63
15	36	18		13.61	13.62	13.69
15	36	39		13.54	13.56	13.67
15	75	0		13.65	13.66	13.67
20	1	0	QPSK	15.66	15.68	15.56
20	1	49		15.71	15.59	15.61
20	1	99		15.69	15.59	15.73
20	50	0		14.47	14.62	14.59
20	50	24		14.56	14.53	14.71
20	50	49		14.57	14.74	14.63
20	100	0		14.58	14.67	14.57
20	1	0	16-QAM	14.45	14.97	14.61
20	1	49		14.71	14.92	14.65
20	1	99		14.72	14.90	14.53
20	50	0		13.65	13.73	13.54
20	50	24		13.72	13.57	13.67
20	50	49		13.70	13.75	13.73
20	100	0		13.67	13.67	13.58



LTE Band 12 Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.36	23.58	23.51
1.4	1	2		23.47	23.58	23.39
1.4	1	5		23.56	23.65	23.32
1.4	3	0		22.32	22.34	22.43
1.4	3	1		22.35	22.46	22.44
1.4	3	2		22.42	22.41	22.41
1.4	6	0		22.45	22.53	22.43
1.4	1	0	16-QAM	22.27	22.54	22.39
1.4	1	2		22.41	22.57	22.23
1.4	1	5		22.39	22.44	22.16
1.4	3	0		21.43	21.65	21.36
1.4	3	1		21.40	21.41	21.46
1.4	3	2		21.39	21.53	21.47
1.4	6	0		21.45	21.63	21.48
3	1	0	QPSK	23.58	23.50	23.44
3	1	7		23.56	23.62	23.62
3	1	14		23.40	23.49	23.47
3	8	0		22.54	22.55	22.56
3	8	4		22.63	22.63	22.58
3	8	7		22.58	22.66	22.56
3	15	0		22.59	22.64	22.52
3	1	0	16-QAM	22.59	22.39	22.49
3	1	7		22.59	22.53	22.73
3	1	14		22.60	22.50	22.35
3	8	0		21.57	21.58	21.51
3	8	4		21.54	21.57	21.59
3	8	7		21.57	21.63	21.52
3	15	0		21.53	21.61	21.55



LTE Band 12 Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.63	23.59	23.71
5	1	12		23.60	23.70	23.63
5	1	24		23.47	23.72	23.57
5	12	0		22.55	22.55	22.59
5	12	6		22.62	22.63	22.57
5	12	11		22.56	22.61	22.57
5	25	0		22.55	22.53	22.50
5	1	0	16-QAM	22.65	22.68	22.80
5	1	12		22.53	22.65	22.57
5	1	24		22.51	22.59	22.57
5	12	0		21.46	21.54	21.51
5	12	6		21.62	21.54	21.61
5	12	11		21.55	21.60	21.55
5	25	0		21.56	21.53	21.51
10	1	0	QPSK	23.57	23.51	23.64
10	1	24		23.68	23.57	23.82
10	1	49		23.66	23.64	23.53
10	25	0		22.48	22.60	22.54
10	25	12		22.67	22.61	22.62
10	25	24		22.63	22.73	22.60
10	50	0		22.62	22.52	22.55
10	1	0	16-QAM	22.66	22.39	22.54
10	1	24		22.82	22.58	22.77
10	1	49		22.65	22.61	22.66
10	25	0		21.57	21.52	21.56
10	25	12		21.61	21.61	21.58
10	25	24		21.70	21.71	21.61
10	50	0		21.59	21.54	21.57



LTE Band 12 Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.31	19.55	19.51
1.4	1	2		19.50	19.58	19.39
1.4	1	5		19.60	19.62	19.35
1.4	3	0		18.22	18.30	18.33
1.4	3	1		18.39	18.37	18.48
1.4	3	2		18.39	18.41	18.38
1.4	6	0		18.36	18.44	18.48
1.4	1	0	16-QAM	18.20	18.54	18.42
1.4	1	2		18.35	18.54	18.21
1.4	1	5		18.31	18.43	18.08
1.4	3	0		17.48	17.60	17.33
1.4	3	1		17.37	17.44	17.45
1.4	3	2		17.39	17.49	17.43
1.4	6	0		17.47	17.54	17.50
3	1	0	QPSK	19.61	19.41	19.45
3	1	7		19.57	19.66	19.54
3	1	14		19.37	19.48	19.42
3	8	0		18.56	18.58	18.51
3	8	4		18.63	18.67	18.61
3	8	7		18.56	18.63	18.48
3	15	0		18.52	18.57	18.44
3	1	0	16-QAM	18.63	18.36	18.41
3	1	7		18.50	18.49	18.64
3	1	14		18.56	18.42	18.35
3	8	0		17.53	17.59	17.50
3	8	4		17.46	17.52	17.61
3	8	7		17.60	17.57	17.54
3	15	0		17.54	17.54	17.58



LTE Band 12 Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.56	19.52	19.65
5	1	12		19.61	19.69	19.65
5	1	24		19.48	19.54	19.62
5	12	0		18.56	18.56	18.60
5	12	6		18.56	18.57	18.55
5	12	11		18.50	18.56	18.59
5	25	0		18.48	18.47	18.45
5	1	0	16-QAM	18.63	18.65	18.84
5	1	12		18.49	18.58	18.47
5	1	24		18.48	18.61	18.55
5	12	0		17.43	17.52	17.51
5	12	6		17.56	17.45	17.60
5	12	11		17.55	17.50	17.56
5	25	0		17.59	17.44	17.48
10	1	0	QPSK	19.51	19.52	19.54
10	1	24		19.66	19.58	19.60
10	1	49		19.58	19.56	19.57
10	25	0		18.50	18.61	18.58
10	25	12		18.60	18.56	18.56
10	25	24		18.57	18.74	18.59
10	50	0		18.63	18.46	18.53
10	1	0	16-QAM	18.65	18.40	18.55
10	1	24		18.87	18.62	18.67
10	1	49		18.56	18.57	18.66
10	25	0		17.57	17.53	17.47
10	25	12		17.51	17.61	17.57
10	25	24		17.60	17.76	17.62
10	50	0		17.63	17.48	17.52



LTE Band 12 Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.02	22.94	22.93
1.4	1	2		23.14	23.22	23.00
1.4	1	5		23.04	22.98	22.85
1.4	3	0		22.02	22.03	21.92
1.4	3	1		21.96	22.06	22.04
1.4	3	2		21.98	21.96	21.92
1.4	6	0		21.87	22.02	21.90
1.4	1	0	16-QAM	22.09	22.09	21.84
1.4	1	2		22.01	22.17	21.86
1.4	1	5		21.93	22.20	21.79
1.4	3	0		21.03	21.04	20.91
1.4	3	1		20.99	20.98	21.00
1.4	3	2		21.03	21.01	21.01
1.4	6	0		20.92	20.06	20.99
3	1	0	QPSK	23.00	23.01	22.99
3	1	7		23.23	23.17	23.15
3	1	14		23.01	23.01	23.04
3	8	0		22.34	22.24	22.25
3	8	4		22.41	22.36	22.32
3	8	7		22.32	22.30	22.32
3	15	0		22.33	22.28	22.17
3	1	0	16-QAM	22.15	21.93	21.89
3	1	7		22.16	22.25	22.06
3	1	14		22.11	22.06	21.81
3	8	0		21.44	21.28	21.23
3	8	4		21.40	21.35	21.35
3	8	7		21.37	21.33	21.20
3	15	0		21.35	21.29	21.20



LTE Band 12 Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.17	23.23	23.20
5	1	12		23.14	23.16	23.20
5	1	24		23.14	23.28	23.03
5	12	0		22.23	22.23	22.25
5	12	6		22.36	22.26	22.25
5	12	11		22.30	22.26	22.23
5	25	0		22.31	22.29	22.22
5	1	0	16-QAM	22.22	22.32	22.02
5	1	12		21.96	22.29	22.17
5	1	24		22.09	22.19	22.14
5	12	0		21.28	21.26	21.22
5	12	6		21.33	21.23	21.25
5	12	11		21.32	21.24	21.26
5	25	0		21.29	21.31	21.20
10	1	0	QPSK	23.11	23.27	23.14
10	1	24		23.15	23.12	23.08
10	1	49		23.09	23.18	23.17
10	25	0		22.24	22.32	22.22
10	25	12		22.32	22.21	22.29
10	25	24		22.33	22.37	22.30
10	50	0		22.30	22.31	22.22
10	1	0	16-QAM	22.27	22.30	22.06
10	1	24		22.21	21.99	22.19
10	1	49		22.11	21.80	22.14
10	25	0		21.27	21.26	21.23
10	25	12		21.35	21.31	21.30
10	25	24		21.41	21.39	21.34
10	50	0		21.38	21.33	21.25



LTE Band 12 Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.21	19.06	19.07
1.4	1	2		19.32	19.39	19.15
1.4	1	5		19.17	19.21	19.02
1.4	3	0		18.16	18.18	18.06
1.4	3	1		18.20	18.23	18.24
1.4	3	2		18.09	18.09	18.04
1.4	6	0		18.10	18.18	18.10
1.4	1	0	16-QAM	18.25	18.26	18.01
1.4	1	2		18.19	18.33	18.08
1.4	1	5		18.13	18.44	17.93
1.4	3	0		17.22	17.20	17.05
1.4	3	1		17.17	17.20	17.21
1.4	3	2		17.13	17.14	17.13
1.4	6	0		17.07	16.19	17.11
3	1	0	QPSK	19.13	19.23	19.17
3	1	7		19.42	19.29	19.31
3	1	14		19.18	19.13	19.28
3	8	0		18.53	18.39	18.48
3	8	4		18.58	18.46	18.57
3	8	7		18.46	18.44	18.50
3	15	0		18.46	18.42	18.30
3	1	0	16-QAM	18.33	18.15	18.00
3	1	7		18.34	18.44	18.24
3	1	14		18.33	18.28	17.96
3	8	0		17.58	17.39	17.35
3	8	4		17.64	17.58	17.46
3	8	7		17.48	17.43	17.36
3	15	0		17.52	17.41	17.45



LTE Band 12 Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.32	19.37	19.35
5	1	12		19.27	19.29	19.38
5	1	24		19.33	19.46	19.21
5	12	0		18.41	18.39	18.40
5	12	6		18.55	18.50	18.44
5	12	11		18.46	18.38	18.42
5	25	0		18.44	18.41	18.43
5	1	0	16-QAM	18.44	18.49	18.22
5	1	12		18.20	18.44	18.29
5	1	24		18.22	18.36	18.36
5	12	0		17.39	17.43	17.32
5	12	6		17.55	17.35	17.45
5	12	11		17.54	17.35	17.37
5	25	0		17.45	17.56	17.32
10	1	0	QPSK	19.33	19.46	19.27
10	1	24		19.36	19.33	19.21
10	1	49		19.32	19.42	19.31
10	25	0		18.47	18.44	18.33
10	25	12		18.56	18.45	18.39
10	25	24		18.55	18.59	18.52
10	50	0		18.44	18.54	18.44
10	1	0	16-QAM	18.48	18.49	18.27
10	1	24		18.36	18.21	18.41
10	1	49		18.33	18.01	18.35
10	25	0		17.45	17.40	17.39
10	25	12		17.49	17.51	17.47
10	25	24		17.61	17.56	17.57
10	50	0		17.62	17.46	17.44



LTE Band 17 Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.65	23.69	23.54
5	1	12		23.79	23.71	23.69
5	1	24		23.78	23.75	23.62
5	12	0		22.58	22.64	22.58
5	12	6		22.64	22.64	22.59
5	12	11		22.61	22.64	22.60
5	25	0		22.63	22.59	22.55
5	1	0	16-QAM	22.66	22.57	22.75
5	1	12		22.64	22.71	22.53
5	1	24		22.65	22.67	22.62
5	12	0		21.49	21.63	21.52
5	12	6		21.67	21.61	21.53
5	12	11		21.59	21.62	21.54
5	25	0		21.63	21.56	21.54
10	1	0	QPSK	23.53	23.40	23.51
10	1	24		23.69	23.53	23.61
10	1	49		23.53	23.54	23.41
10	25	0		22.57	22.55	22.59
10	25	12		22.70	22.64	22.54
10	25	24		22.64	22.68	22.66
10	50	0		22.63	22.57	22.56
10	1	0	16-QAM	22.53	22.53	22.31
10	1	24		22.52	22.70	22.50
10	1	49		22.46	22.43	22.59
10	25	0		21.55	21.53	21.54
10	25	12		21.69	21.61	21.57
10	25	24		21.66	21.68	21.66
10	50	0		21.67	21.53	21.57



LTE Band 17 Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.83	19.83	20.10
5	1	12		19.90	19.91	19.91
5	1	24		19.94	19.99	19.87
5	12	0		18.76	18.75	18.71
5	12	6		18.75	18.77	18.81
5	12	11		18.78	18.84	18.74
5	25	0		18.75	18.84	18.79
5	1	0	16-QAM	18.90	18.70	18.99
5	1	12		18.86	18.92	18.76
5	1	24		18.85	18.82	18.80
5	12	0		17.61	17.84	17.68
5	12	6		17.81	17.85	17.66
5	12	11		17.69	17.75	17.78
5	25	0		17.86	17.80	17.71
10	1	0	QPSK	19.78	19.55	19.71
10	1	24		19.89	19.69	19.72
10	1	49		19.73	19.74	19.59
10	25	0		18.78	18.68	18.81
10	25	12		18.84	18.88	18.76
10	25	24		18.83	18.82	18.82
10	50	0		18.81	18.71	18.77
10	1	0	16-QAM	18.74	18.69	18.49
10	1	24		18.73	18.93	18.67
10	1	49		18.59	18.66	18.84
10	25	0		17.77	17.63	17.65
10	25	12		17.93	17.78	17.82
10	25	24		17.89	17.81	17.91
10	50	0		17.86	17.65	17.70



LTE Band 17 Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.19	23.25	23.40
5	1	12		23.25	23.35	23.33
5	1	24		23.21	23.31	23.17
5	12	0		22.27	22.32	22.25
5	12	6		22.40	22.32	22.40
5	12	11		22.35	22.38	22.33
5	25	0		22.32	22.25	22.35
5	1	0	16-QAM	22.24	22.37	22.10
5	1	12		22.19	22.08	22.36
5	1	24		22.42	22.37	22.04
5	12	0		21.28	21.29	21.33
5	12	6		21.35	21.39	21.39
5	12	11		21.25	21.35	21.33
5	25	0		21.34	21.19	21.34
10	1	0	QPSK	23.22	23.16	23.11
10	1	24		23.16	23.28	23.16
10	1	49		23.23	23.14	23.07
10	25	0		22.30	22.29	22.32
10	25	12		22.37	22.33	22.31
10	25	24		22.39	22.34	22.32
10	50	0		22.34	22.29	22.26
10	1	0	16-QAM	22.33	22.08	21.94
10	1	24		22.37	22.16	22.35
10	1	49		22.10	22.20	22.12
10	25	0		21.29	21.21	21.27
10	25	12		21.39	21.35	21.35
10	25	24		21.31	21.34	21.28
10	50	0		21.35	21.31	21.28



LTE Band 17 Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.37	19.41	19.57
5	1	12		19.44	19.53	19.47
5	1	24		19.31	19.48	19.34
5	12	0		18.40	18.46	18.48
5	12	6		18.55	18.47	18.52
5	12	11		18.51	18.49	18.49
5	25	0		18.53	18.42	18.58
5	1	0	16-QAM	18.41	18.55	18.26
5	1	12		18.37	18.27	18.54
5	1	24		18.66	18.57	18.23
5	12	0		17.41	17.48	17.50
5	12	6		17.50	17.56	17.59
5	12	11		17.49	17.55	17.49
5	25	0		17.57	17.42	17.51
10	1	0	QPSK	19.43	19.33	19.31
10	1	24		19.38	19.48	19.28
10	1	49		19.43	19.26	19.20
10	25	0		18.44	18.47	18.53
10	25	12		18.53	18.50	18.47
10	25	24		18.52	18.56	18.53
10	50	0		18.54	18.46	18.41
10	1	0	16-QAM	18.45	18.30	18.07
10	1	24		18.50	18.28	18.59
10	1	49		18.22	18.36	18.32
10	25	0		17.49	17.41	17.43
10	25	12		17.60	17.56	17.52
10	25	24		17.51	17.59	17.47
10	50	0		17.49	17.47	17.47



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.30	23.17	23.05
1.4	1	2		23.21	23.24	23.04
1.4	1	5		23.21	23.24	23.03
1.4	3	0		22.17	22.08	22.05
1.4	3	1		22.23	22.08	22.05
1.4	3	2		22.24	22.10	21.98
1.4	6	0		22.23	22.15	22.09
1.4	1	0	16-QAM	21.90	22.08	21.79
1.4	1	2		22.24	22.36	22.07
1.4	1	5		22.08	22.07	22.00
1.4	3	0		22.28	22.08	21.98
1.4	3	1		22.15	22.10	21.96
1.4	3	2		22.17	22.24	21.93
1.4	6	0		21.20	21.19	21.05
3	1	0	QPSK	23.10	23.10	23.08
3	1	7		23.24	23.18	23.17
3	1	14		23.15	23.05	22.93
3	8	0		22.17	22.16	22.09
3	8	4		22.29	22.25	22.19
3	8	7		22.26	22.27	22.15
3	15	0		22.26	22.20	22.10
3	1	0	16-QAM	22.33	22.10	22.15
3	1	7		22.48	22.12	22.20
3	1	14		22.28	22.17	22.09
3	8	0		21.20	21.18	21.02
3	8	4		21.26	21.28	21.21
3	8	7		21.28	21.22	21.06
3	15	0		21.24	21.14	21.13



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.24	23.17	23.16
5	1	12		23.39	23.13	23.03
5	1	24		23.25	23.26	23.06
5	12	0		22.26	22.22	22.11
5	12	6		22.30	22.21	22.12
5	12	11		22.24	22.21	22.15
5	25	0		22.30	22.14	22.10
5	1	0	16-QAM	22.31	22.15	22.06
5	1	12		22.19	22.20	22.08
5	1	24		22.23	22.31	22.18
5	12	0		21.21	21.31	21.09
5	12	6		21.32	21.20	21.11
5	12	11		21.28	21.28	21.17
5	25	0		21.29	21.17	21.09
10	1	0	QPSK	23.25	23.18	23.21
10	1	24		23.24	23.13	23.20
10	1	49		23.23	23.06	23.10
10	25	0		22.24	22.20	22.13
10	25	12		22.26	22.27	22.14
10	25	24		22.24	22.32	22.20
10	50	0		22.27	22.19	22.11
10	1	0	16-QAM	22.28	22.05	22.09
10	1	24		22.19	22.23	22.26
10	1	49		22.46	22.18	22.05
10	25	0		21.25	21.27	21.19
10	25	12		21.32	21.23	21.15
10	25	24		21.25	21.29	21.12
10	50	0		21.28	21.23	21.13



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.15	23.28	23.16
15	1	37		23.19	23.16	23.15
15	1	74		23.10	23.11	23.09
15	36	0		22.14	22.14	22.15
15	36	18		22.20	22.24	22.20
15	36	39		22.11	22.17	22.15
15	75	0		22.09	22.22	22.12
15	1	0	16-QAM	22.32	22.13	22.03
15	1	38		22.37	22.17	22.05
15	1	75		22.19	22.29	22.16
15	36	0		21.15	21.14	21.12
15	36	18		21.19	21.18	21.19
15	36	39		21.12	21.15	21.13
15	75	0		21.15	21.22	21.18



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.44	19.37	19.15
1.4	1	2		19.34	19.39	19.14
1.4	1	5		19.42	19.37	19.27
1.4	3	0		18.40	18.33	18.28
1.4	3	1		18.39	18.24	18.23
1.4	3	2		18.35	18.31	18.14
1.4	6	0		18.44	18.28	18.31
1.4	1	0	16-QAM	18.08	18.19	18.02
1.4	1	2		18.43	18.46	18.29
1.4	1	5		18.28	18.18	18.11
1.4	3	0		18.42	18.19	18.18
1.4	3	1		18.38	18.21	18.17
1.4	3	2		18.32	18.42	18.11
1.4	6	0		17.37	17.38	17.23
3	1	0	QPSK	19.21	19.30	19.20
3	1	7		19.41	19.30	19.35
3	1	14		19.37	19.29	19.06
3	8	0		18.41	18.29	18.19
3	8	4		18.48	18.50	18.42
3	8	7		18.49	18.49	18.40
3	15	0		18.40	18.30	18.23
3	1	0	16-QAM	18.56	18.33	18.26
3	1	7		18.72	18.35	18.33
3	1	14		18.42	18.34	18.29
3	8	0		17.31	17.35	17.22
3	8	4		17.40	17.39	17.34
3	8	7		17.48	17.37	17.24
3	15	0		17.42	17.25	17.32



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.44	19.38	19.31
5	1	12		19.55	19.27	19.21
5	1	24		19.38	19.42	19.30
5	12	0		18.48	18.40	18.26
5	12	6		18.53	18.42	18.32
5	12	11		18.41	18.38	18.29
5	25	0		18.47	18.35	18.24
5	1	0	16-QAM	18.54	18.33	18.29
5	1	12		18.42	18.33	18.28
5	1	24		18.44	18.49	18.30
5	12	0		17.41	17.49	17.30
5	12	6		17.48	17.35	17.33
5	12	11		17.45	17.41	17.41
5	25	0		17.40	17.37	17.33
10	1	0	QPSK	19.38	19.36	19.46
10	1	24		19.47	19.31	19.39
10	1	49		19.39	19.20	19.33
10	25	0		18.34	18.44	18.28
10	25	12		18.46	18.39	18.34
10	25	24		18.39	18.50	18.37
10	50	0		18.45	18.39	18.31
10	1	0	16-QAM	18.39	18.29	18.24
10	1	24		18.39	18.36	18.39
10	1	49		18.71	18.33	18.21
10	25	0		17.43	17.47	17.31
10	25	12		17.45	17.42	17.39
10	25	24		17.49	17.49	17.26
10	50	0		17.52	17.41	17.33



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	19.35	19.41	19.36
15	1	37		19.42	19.36	19.28
15	1	74		19.23	19.23	19.20
15	36	0		18.27	18.37	18.28
15	36	18		18.42	18.37	18.43
15	36	39		18.28	18.31	18.28
15	75	0		18.31	18.35	18.36
15	1	0	16-QAM	18.43	18.30	18.22
15	1	38		18.61	18.34	18.19
15	1	75		18.32	18.44	18.38
15	36	0		17.27	17.36	17.24
15	36	18		17.43	17.38	17.35
15	36	39		17.27	17.31	17.30
15	75	0		17.34	17.39	17.31



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.06	23.14	23.12
1.4	1	2		23.23	23.21	23.13
1.4	1	5		23.14	23.22	23.14
1.4	3	0		22.16	22.12	22.17
1.4	3	1		22.11	22.17	22.09
1.4	3	2		22.15	22.12	22.16
1.4	6	0		22.18	22.11	22.10
1.4	1	0	16-QAM	21.98	22.09	22.01
1.4	1	2		21.97	22.12	22.07
1.4	1	5		22.07	22.27	21.89
1.4	3	0		21.18	21.09	21.22
1.4	3	1		21.11	21.08	21.13
1.4	3	2		21.11	21.20	21.13
1.4	6	0		21.07	21.10	21.05
3	1	0	QPSK	23.15	23.06	23.10
3	1	7		23.20	23.38	23.23
3	1	14		23.17	23.10	23.09
3	8	0		22.16	22.18	22.15
3	8	4		22.24	22.26	22.24
3	8	7		22.20	22.21	22.18
3	15	0		22.23	22.17	22.18
3	1	0	16-QAM	22.07	22.15	22.05
3	1	7		22.15	22.14	22.10
3	1	14		22.36	22.11	22.00
3	8	0		21.18	21.21	21.08
3	8	4		21.19	21.29	21.31
3	8	7		21.25	21.23	21.19
3	15	0		21.18	21.14	21.13



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.36	23.30	23.24
5	1	12		23.24	23.37	23.19
5	1	24		23.29	23.27	23.20
5	12	0		22.20	22.23	22.16
5	12	6		22.29	22.18	22.14
5	12	11		22.24	22.26	22.26
5	25	0		22.24	22.14	22.14
5	1	0	16-QAM	22.09	22.32	22.25
5	1	12		22.23	22.31	22.40
5	1	24		22.39	22.28	22.15
5	12	0		21.24	21.24	21.17
5	12	6		21.27	21.18	21.16
5	12	11		21.21	21.27	21.29
5	25	0		21.24	21.21	21.16
10	1	0	QPSK	23.26	23.34	23.20
10	1	24		23.20	23.25	23.15
10	1	49		23.27	23.29	23.06
10	25	0		22.21	22.19	22.15
10	25	12		22.26	22.21	22.19
10	25	24		22.32	22.27	22.28
10	50	0		22.28	22.16	22.16
10	1	0	16-QAM	22.15	22.06	22.34
10	1	24		22.38	22.38	22.09
10	1	49		22.30	22.09	22.12
10	25	0		21.20	21.18	21.19
10	25	12		21.35	21.24	21.23
10	25	24		21.29	21.28	21.31
10	50	0		21.31	21.19	21.14



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.21	23.22	23.12
15	1	37		23.20	23.24	23.16
15	1	74		23.17	23.22	23.13
15	36	0		22.17	22.17	22.15
15	36	18		22.19	22.21	22.23
15	36	39		22.13	22.14	22.15
15	75	0		22.12	22.17	22.14
15	1	0	16-QAM	22.09	22.17	22.27
15	1	38		22.48	22.26	22.05
15	1	75		22.26	22.10	22.15
15	36	0		21.19	21.13	21.16
15	36	18		21.21	21.19	21.17
15	36	39		21.16	21.16	21.18
15	75	0		21.17	21.18	21.15



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.30	19.28	19.25
1.4	1	2		19.42	19.33	19.30
1.4	1	5		19.37	19.40	19.30
1.4	3	0		18.37	18.27	18.31
1.4	3	1		18.33	18.39	18.21
1.4	3	2		18.39	18.27	18.33
1.4	6	0		18.30	18.28	18.25
1.4	1	0	16-QAM	18.08	18.29	18.22
1.4	1	2		18.10	18.32	18.22
1.4	1	5		18.27	18.51	18.11
1.4	3	0		17.30	17.28	17.40
1.4	3	1		17.34	17.32	17.24
1.4	3	2		17.34	17.40	17.29
1.4	6	0		17.26	17.35	17.18
3	1	0	QPSK	19.34	19.22	19.30
3	1	7		19.37	19.50	19.39
3	1	14		19.34	19.34	19.26
3	8	0		18.37	18.42	18.38
3	8	4		18.44	18.44	18.36
3	8	7		18.30	18.45	18.39
3	15	0		18.34	18.38	18.28
3	1	0	16-QAM	18.30	18.31	18.17
3	1	7		18.26	18.38	18.33
3	1	14		18.55	18.30	18.10
3	8	0		17.31	17.31	17.21
3	8	4		17.41	17.49	17.52
3	8	7		17.48	17.45	17.41
3	15	0		17.41	17.30	17.26



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.59	19.48	19.47
5	1	12		19.49	19.59	19.43
5	1	24		19.41	19.43	19.33
5	12	0		18.41	18.35	18.37
5	12	6		18.52	18.36	18.25
5	12	11		18.42	18.40	18.45
5	25	0		18.37	18.26	18.34
5	1	0	16-QAM	18.25	18.51	18.37
5	1	12		18.37	18.48	18.50
5	1	24		18.52	18.46	18.26
5	12	0		17.39	17.37	17.37
5	12	6		17.43	17.36	17.36
5	12	11		17.39	17.45	17.47
5	25	0		17.41	17.35	17.30
10	1	0	QPSK	19.37	19.55	19.41
10	1	24		19.42	19.38	19.36
10	1	49		19.43	19.40	19.26
10	25	0		18.43	18.43	18.31
10	25	12		18.43	18.45	18.42
10	25	24		18.53	18.48	18.44
10	50	0		18.50	18.39	18.38
10	1	0	16-QAM	18.36	18.29	18.53
10	1	24		18.51	18.50	18.32
10	1	49		18.46	18.20	18.34
10	25	0		17.35	17.40	17.34
10	25	12		17.48	17.37	17.33
10	25	24		17.45	17.38	17.53
10	50	0		17.51	17.35	17.29



LTE Band 26(Part 22) Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	19.46	19.35	19.24
15	1	37		19.44	19.43	19.36
15	1	74		19.31	19.37	19.35
15	36	0		18.40	18.38	18.27
15	36	18		18.30	18.34	18.39
15	36	39		18.33	18.35	18.27
15	75	0		18.25	18.34	18.30
15	1	0	16-QAM	18.24	18.36	18.46
15	1	38		18.61	18.50	18.18
15	1	75		18.45	18.24	18.29
15	36	0		17.41	17.29	17.37
15	36	18		17.36	17.40	17.41
15	36	39		17.37	17.35	17.35
15	75	0		17.32	17.38	17.29



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.26	23.25	23.16
1.4	1	2		23.23	23.22	23.21
1.4	1	5		23.19	23.22	23.19
1.4	3	0		22.22	22.19	22.23
1.4	3	1		22.29	22.25	22.15
1.4	3	2		22.22	22.25	22.20
1.4	6	0		22.21	22.22	22.25
1.4	1	0	16-QAM	22.04	22.05	22.03
1.4	1	2		22.20	22.08	22.12
1.4	1	5		22.22	22.16	22.15
1.4	3	0		21.28	21.27	21.25
1.4	3	1		21.29	21.27	21.24
1.4	3	2		21.29	21.24	21.10
1.4	6	0		21.40	21.22	21.26
3	1	0	QPSK	23.23	23.21	23.14
3	1	7		23.34	23.29	23.38
3	1	14		23.21	23.31	23.19
3	8	0		22.30	22.21	22.22
3	8	4		22.34	22.32	22.30
3	8	7		22.33	22.28	22.27
3	15	0		22.33	22.28	22.26
3	1	0	16-QAM	22.31	22.24	22.12
3	1	7		22.46	22.21	22.14
3	1	14		22.21	22.02	22.27
3	8	0		21.29	21.27	21.22
3	8	4		21.28	21.32	21.32
3	8	7		21.29	21.32	21.26
3	15	0		21.33	21.24	21.26



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_3 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.47	23.39	23.22
5	1	12		23.21	23.27	23.24
5	1	24		23.38	23.34	23.31
5	12	0		22.28	22.28	22.26
5	12	6		22.37	22.44	22.30
5	12	11		22.33	22.27	22.33
5	25	0		22.33	22.31	22.28
5	1	0	16-QAM	22.33	22.17	22.23
5	1	12		22.30	22.49	22.23
5	1	24		22.17	22.24	22.23
5	12	0		21.25	21.25	21.41
5	12	6		21.34	21.34	21.30
5	12	11		21.31	21.33	21.29
5	25	0		21.30	21.39	21.33
10	1	0	QPSK	N/A	23.35	N/A
10	1	24		N/A	23.17	N/A
10	1	49		N/A	23.26	N/A
10	25	0		N/A	22.27	N/A
10	25	12		N/A	22.35	N/A
10	25	24		N/A	22.36	N/A
10	50	0		N/A	22.39	N/A
10	1	0	16-QAM	N/A	22.21	N/A
10	1	24		N/A	22.14	N/A
10	1	49		N/A	22.26	N/A
10	25	0		N/A	21.26	N/A
10	25	12		N/A	21.38	N/A
10	25	24		N/A	21.33	N/A
10	50	0		N/A	21.35	N/A



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.46	19.44	19.29
1.4	1	2		19.38	19.36	19.42
1.4	1	5		19.38	19.34	19.33
1.4	3	0		18.38	18.34	18.45
1.4	3	1		18.47	18.47	18.33
1.4	3	2		18.32	18.42	18.36
1.4	6	0		18.45	18.44	18.44
1.4	1	0	16-QAM	18.26	18.17	18.20
1.4	1	2		18.41	18.22	18.31
1.4	1	5		18.47	18.30	18.26
1.4	3	0		17.52	17.49	17.42
1.4	3	1		17.52	17.42	17.42
1.4	3	2		17.47	17.40	17.24
1.4	6	0		17.59	17.41	17.46
3	1	0	QPSK	19.45	19.38	19.34
3	1	7		19.58	19.44	19.53
3	1	14		19.35	19.56	19.44
3	8	0		18.52	18.40	18.44
3	8	4		18.56	18.43	18.40
3	8	7		18.44	18.41	18.52
3	15	0		18.48	18.50	18.43
3	1	0	16-QAM	18.50	18.38	18.31
3	1	7		18.59	18.36	18.32
3	1	14		18.35	18.25	18.48
3	8	0		17.42	17.40	17.37
3	8	4		17.51	17.45	17.55
3	8	7		17.43	17.51	17.44
3	15	0		17.44	17.40	17.43



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_3 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.69	19.54	19.41
5	1	12		19.31	19.41	19.40
5	1	24		19.61	19.59	19.49
5	12	0		18.51	18.42	18.47
5	12	6		18.50	18.55	18.51
5	12	11		18.54	18.39	18.54
5	25	0		18.46	18.55	18.44
5	1	0	16-QAM	18.56	18.39	18.44
5	1	12		18.45	18.64	18.36
5	1	24		18.31	18.43	18.44
5	12	0		17.35	17.45	17.56
5	12	6		17.56	17.53	17.48
5	12	11		17.49	17.53	17.48
5	25	0		17.52	17.54	17.49
10	1	0	QPSK	N/A	19.57	N/A
10	1	24		N/A	19.36	N/A
10	1	49		N/A	19.41	N/A
10	25	0		N/A	18.42	N/A
10	25	12		N/A	18.59	N/A
10	25	24		N/A	18.49	N/A
10	50	0		N/A	18.50	N/A
10	1	0	16-QAM	N/A	18.40	N/A
10	1	24		N/A	18.24	N/A
10	1	49		N/A	18.43	N/A
10	25	0		N/A	17.39	N/A
10	25	12		N/A	17.54	N/A
10	25	24		N/A	17.44	N/A
10	50	0		N/A	17.48	N/A



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.13	23.06	23.08
1.4	1	2		23.22	23.26	23.22
1.4	1	5		23.14	23.18	23.17
1.4	3	0		22.14	22.15	22.14
1.4	3	1		22.17	22.14	22.15
1.4	3	2		22.11	22.04	22.15
1.4	6	0		22.18	22.12	22.16
1.4	1	0	16-QAM	21.96	22.06	22.17
1.4	1	2		22.32	22.06	22.18
1.4	1	5		22.03	22.18	22.10
1.4	3	0		21.09	21.20	21.24
1.4	3	1		21.16	21.18	21.17
1.4	3	2		21.29	21.15	21.13
1.4	6	0		21.09	21.15	21.11
3	1	0	QPSK	23.12	23.10	23.12
3	1	7		23.23	23.28	23.30
3	1	14		23.13	23.16	23.15
3	8	0		22.20	22.18	22.12
3	8	4		22.24	22.24	22.24
3	8	7		22.23	22.18	22.23
3	15	0		22.16	22.21	22.21
3	1	0	16-QAM	22.26	22.13	22.02
3	1	7		22.19	22.34	22.12
3	1	14		22.15	22.18	22.20
3	8	0		21.25	21.15	21.08
3	8	4		21.25	21.25	21.24
3	8	7		21.22	21.21	21.11
3	15	0		21.17	21.20	21.18



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_5 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.20	23.15	23.26
5	1	12		23.21	23.33	23.24
5	1	24		23.24	23.34	23.28
5	12	0		22.17	22.17	22.16
5	12	6		22.25	22.24	22.19
5	12	11		22.25	22.24	22.20
5	25	0		22.23	22.21	22.20
5	1	0	16-QAM	22.26	22.26	22.03
5	1	12		22.20	22.10	22.14
5	1	24		22.05	22.35	22.07
5	12	0		21.17	21.19	21.17
5	12	6		21.33	21.29	21.27
5	12	11		21.24	21.24	21.28
5	25	0		21.25	21.24	21.25
10	1	0	QPSK	N/A	23.22	N/A
10	1	24		N/A	23.32	N/A
10	1	49		N/A	23.14	N/A
10	25	0		N/A	22.19	N/A
10	25	12		N/A	22.28	N/A
10	25	24		N/A	22.27	N/A
10	50	0		N/A	22.27	N/A
10	1	0	16-QAM	N/A	22.08	N/A
10	1	24		N/A	22.21	N/A
10	1	49		N/A	22.29	N/A
10	25	0		N/A	21.22	N/A
10	25	12		N/A	21.21	N/A
10	25	24		N/A	21.24	N/A
10	50	0		N/A	21.28	N/A



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_5 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.43	19.38	19.47
1.4	1	2		19.55	19.61	19.65
1.4	1	5		19.53	19.57	19.57
1.4	3	0		18.51	18.60	18.53
1.4	3	1		18.57	18.47	18.54
1.4	3	2		18.43	18.36	18.56
1.4	6	0		18.58	18.50	18.51
1.4	1	0	16-QAM	18.39	18.45	18.48
1.4	1	2		18.68	18.41	18.62
1.4	1	5		18.34	18.57	18.40
1.4	3	0		17.40	17.58	17.58
1.4	3	1		17.47	17.59	17.51
1.4	3	2		17.59	17.56	17.56
1.4	6	0		17.45	17.58	17.44
3	1	0	QPSK	19.49	19.46	19.50
3	1	7		19.63	19.63	19.65
3	1	14		19.57	19.47	19.54
3	8	0		18.62	18.56	18.55
3	8	4		18.54	18.67	18.61
3	8	7		18.58	18.48	18.65
3	15	0		18.48	18.62	18.51
3	1	0	16-QAM	18.64	18.50	18.46
3	1	7		18.53	18.66	18.47
3	1	14		18.59	18.62	18.56
3	8	0		17.58	17.51	17.41
3	8	4		17.68	17.61	17.62
3	8	7		17.57	17.56	17.52
3	15	0		17.60	17.61	17.58



LTE Band 26(Part 90) Maximum Average Power [dBm]						
ANT_5 DSI 1power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.63	19.50	19.63
5	1	12		19.61	19.63	19.63
5	1	24		19.63	19.65	19.62
5	12	0		18.54	18.61	18.55
5	12	6		18.62	18.58	18.58
5	12	11		18.63	18.65	18.64
5	25	0		18.54	18.60	18.57
5	1	0	16-QAM	18.68	18.61	18.37
5	1	12		18.64	18.49	18.58
5	1	24		18.39	18.68	18.49
5	12	0		17.56	17.59	17.47
5	12	6		17.68	17.71	17.61
5	12	11		17.60	17.67	17.63
5	25	0		17.64	17.63	17.57
10	1	0	QPSK	N/A	19.64	N/A
10	1	24		N/A	19.69	N/A
10	1	49		N/A	19.49	N/A
10	25	0		N/A	18.50	N/A
10	25	12		N/A	18.67	N/A
10	25	24		N/A	18.57	N/A
10	50	0		N/A	18.69	N/A
10	1	0	16-QAM	N/A	18.46	N/A
10	1	24		N/A	18.58	N/A
10	1	49		N/A	18.61	N/A
10	25	0		N/A	17.65	N/A
10	25	12		N/A	17.64	N/A
10	25	24		N/A	17.62	N/A
10	50	0		N/A	17.59	N/A



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.19	23.38	23.49
5	1	12		23.18	23.44	23.55
5	1	24		23.32	23.48	23.40
5	12	0		22.16	22.36	22.46
5	12	6		22.21	22.42	22.45
5	12	11		22.21	22.39	22.41
5	25	0		22.15	22.35	22.44
5	1	0	16-QAM	22.20	22.38	22.44
5	1	12		22.32	22.35	22.54
5	1	24		22.44	22.16	22.38
5	12	0		21.41	21.33	21.39
5	12	6		21.33	21.46	21.48
5	12	11		21.36	21.43	21.50
5	25	0		21.31	21.36	21.44
10	1	0	QPSK	23.35	23.28	23.32
10	1	24		23.37	23.33	23.31
10	1	49		23.40	23.31	23.37
10	25	0		22.37	22.30	22.37
10	25	12		22.35	22.37	22.50
10	25	24		22.39	22.43	22.47
10	50	0		22.35	22.31	22.40
10	1	0	16-QAM	22.34	22.20	22.42
10	1	24		22.25	22.22	22.34
10	1	49		22.28	22.19	22.39
10	25	0		21.33	21.33	21.29
10	25	12		21.40	21.39	21.45
10	25	24		21.34	21.40	21.45
10	50	0		21.41	21.32	21.35



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.31	23.38	23.26
15	1	37		23.37	23.35	23.39
15	1	74		23.19	23.37	23.43
15	36	0		22.32	22.28	22.28
15	36	18		22.35	22.35	22.36
15	36	39		22.26	22.23	22.33
15	75	0		22.24	22.27	22.32
15	1	0	16-QAM	22.39	22.29	22.23
15	1	38		22.56	22.39	22.37
15	1	75		22.32	22.49	22.42
15	36	0		21.32	21.33	21.29
15	36	18		21.34	21.31	21.43
15	36	39		21.27	21.30	21.30
15	75	0		21.34	21.25	21.34
20	1	0	QPSK	23.27	23.24	23.22
20	1	49		23.38	23.49	23.41
20	1	99		23.16	23.32	23.36
20	50	0		22.31	22.33	22.44
20	50	24		22.40	22.34	22.48
20	50	49		22.37	22.39	22.45
20	100	0		22.33	22.29	22.43
20	1	0	16-QAM	22.26	22.41	22.17
20	1	49		22.31	22.64	22.43
20	1	99		22.06	22.46	22.29
20	50	0		21.34	21.30	21.47
20	50	24		21.38	21.35	21.48
20	50	49		21.31	21.39	21.42
20	100	0		21.34	21.27	21.43



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.31	19.47	19.50
5	1	12		19.32	19.49	19.66
5	1	24		19.50	19.68	19.55
5	12	0		18.30	18.50	18.48
5	12	6		18.40	18.59	18.55
5	12	11		18.32	18.41	18.58
5	25	0		18.31	18.37	18.56
5	1	0	16-QAM	18.25	18.39	18.58
5	1	12		18.41	18.46	18.64
5	1	24		18.52	18.32	18.56
5	12	0		17.59	17.39	17.48
5	12	6		17.51	17.48	17.51
5	12	11		17.48	17.62	17.59
5	25	0		17.48	17.44	17.49
10	1	0	QPSK	19.53	19.31	19.33
10	1	24		19.48	19.46	19.38
10	1	49		19.41	19.37	19.39
10	25	0		18.48	18.45	18.52
10	25	12		18.49	18.40	18.70
10	25	24		18.40	18.62	18.57
10	50	0		18.49	18.36	18.42
10	1	0	16-QAM	18.42	18.25	18.45
10	1	24		18.34	18.35	18.42
10	1	49		18.28	18.20	18.49
10	25	0		17.35	17.51	17.33
10	25	12		17.45	17.45	17.51
10	25	24		17.34	17.42	17.60
10	50	0		17.43	17.37	17.46



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	19.41	19.43	19.34
15	1	37		19.53	19.51	19.53
15	1	74		19.38	19.57	19.54
15	36	0		18.48	18.31	18.46
15	36	18		18.52	18.41	18.51
15	36	39		18.33	18.29	18.33
15	75	0		18.30	18.39	18.51
15	1	0	16-QAM	18.46	18.31	18.35
15	1	38		18.61	18.44	18.40
15	1	75		18.40	18.56	18.53
15	36	0		17.41	17.44	17.35
15	36	18		17.46	17.47	17.50
15	36	39		17.34	17.48	17.33
15	75	0		17.42	17.42	17.44
20	1	0	QPSK	19.39	19.25	19.31
20	1	49		19.39	19.58	19.51
20	1	99		19.23	19.49	19.52
20	50	0		18.34	18.48	18.54
20	50	24		18.45	18.49	18.49
20	50	49		18.53	18.40	18.55
20	100	0		18.41	18.44	18.59
20	1	0	16-QAM	18.41	18.50	18.18
20	1	49		18.38	18.76	18.47
20	1	99		18.13	18.54	18.32
20	50	0		17.37	17.35	17.57
20	50	24		17.41	17.39	17.55
20	50	49		17.34	17.43	17.54
20	100	0		17.36	17.36	17.59



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.99	23.28	23.11
5	1	12		23.04	23.33	23.29
5	1	24		23.03	23.12	23.10
5	12	0		22.05	22.09	22.19
5	12	6		22.04	22.24	22.20
5	12	11		22.08	22.21	22.18
5	25	0		22.06	22.14	22.23
5	1	0	16-QAM	22.03	22.02	22.07
5	1	12		22.17	22.17	22.38
5	1	24		22.05	22.19	22.17
5	12	0		21.01	21.12	21.19
5	12	6		21.01	21.12	21.22
5	12	11		21.07	21.13	21.15
5	25	0		21.02	21.14	21.19
10	1	0	QPSK	23.26	23.09	23.14
10	1	24		23.35	23.08	23.16
10	1	49		23.19	23.13	23.15
10	25	0		22.17	22.13	22.05
10	25	12		22.22	22.10	22.23
10	25	24		22.23	22.25	22.19
10	50	0		22.18	22.11	22.04
10	1	0	16-QAM	22.27	22.03	21.78
10	1	24		22.38	22.10	22.05
10	1	49		22.32	22.16	22.12
10	25	0		21.22	21.11	21.09
10	25	12		21.28	21.13	21.19
10	25	24		21.28	21.22	21.19
10	50	0		21.21	21.12	21.10



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.23	23.08	23.17
15	1	37		23.25	23.15	23.16
15	1	74		23.09	23.19	23.15
15	36	0		22.14	22.08	22.05
15	36	18		22.23	22.10	22.13
15	36	39		22.08	22.08	22.07
15	75	0		22.18	22.08	22.03
15	1	0	16-QAM	22.22	22.14	21.88
15	1	38		22.33	22.24	22.20
15	1	75		22.19	22.08	22.04
15	36	0		22.16	22.09	22.08
15	36	18		21.27	21.15	21.17
15	36	39		22.20	22.09	22.06
15	75	0		21.16	21.09	21.13
20	1	0	QPSK	23.13	23.06	23.04
20	1	49		23.11	23.21	23.18
20	1	99		23.10	23.15	23.14
20	50	0		22.20	22.14	22.16
20	50	24		22.24	22.16	22.22
20	50	49		22.22	22.24	22.20
20	100	0		22.17	22.11	22.17
20	1	0	16-QAM	22.08	22.19	22.02
20	1	49		22.23	22.37	22.43
20	1	99		22.27	22.37	22.02
20	50	0		21.18	21.12	21.16
20	50	24		21.17	21.22	21.20
20	50	49		21.25	21.24	21.23
20	100	0		21.16	21.12	21.19



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.02	19.30	19.22
5	1	12		19.14	19.34	19.31
5	1	24		19.18	19.19	19.14
5	12	0		18.13	18.26	18.36
5	12	6		18.07	18.31	18.35
5	12	11		18.24	18.26	18.23
5	25	0		18.12	18.30	18.32
5	1	0	16-QAM	18.11	18.05	18.16
5	1	12		18.30	18.36	18.43
5	1	24		18.16	18.28	18.17
5	12	0		17.17	17.24	17.24
5	12	6		17.02	17.14	17.39
5	12	11		17.22	17.29	17.18
5	25	0		17.14	17.23	17.23
10	1	0	QPSK	19.40	19.10	19.14
10	1	24		19.38	19.13	19.31
10	1	49		19.31	19.32	19.23
10	25	0		18.33	18.30	18.09
10	25	12		18.41	18.26	18.41
10	25	24		18.41	18.33	18.34
10	50	0		18.30	18.22	18.14
10	1	0	16-QAM	18.40	18.19	17.94
10	1	24		18.46	18.16	18.11
10	1	49		18.50	18.28	18.29
10	25	0		17.35	17.16	17.25
10	25	12		17.29	17.27	17.29
10	25	24		17.32	17.29	17.25
10	50	0		17.35	17.15	17.18



LTE Band 41(2496~2690MHz) Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	19.39	19.14	19.24
15	1	37		19.42	19.24	19.29
15	1	74		19.17	19.33	19.34
15	36	0		18.32	18.16	18.16
15	36	18		18.40	18.25	18.14
15	36	39		18.15	18.25	18.17
15	75	0		18.28	18.21	18.20
15	1	0	16-QAM	18.38	18.30	17.98
15	1	38		18.48	18.39	18.34
15	1	75		18.39	18.13	18.09
15	36	0		18.26	18.14	18.26
15	36	18		17.30	17.25	17.37
15	36	39		18.27	18.15	18.09
15	75	0		17.33	17.13	17.33
20	1	0	QPSK	19.20	19.13	19.22
20	1	49		19.19	19.30	19.23
20	1	99		19.12	19.19	19.32
20	50	0		18.24	18.19	18.35
20	50	24		18.25	18.20	18.27
20	50	49		18.37	18.25	18.32
20	100	0		18.36	18.24	18.22
20	1	0	16-QAM	18.18	18.33	18.22
20	1	49		18.32	18.37	18.61
20	1	99		18.41	18.45	18.05
20	50	0		17.28	17.17	17.31
20	50	24		17.28	17.37	17.25
20	50	49		17.33	17.26	17.38
20	100	0		17.19	17.23	17.26



LTE Band 66 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.23	22.97	22.99
1.4	1	2		23.32	23.20	22.97
1.4	1	5		23.27	23.15	22.95
1.4	3	0		22.26	21.99	22.01
1.4	3	1		22.28	22.03	22.01
1.4	3	2		22.17	21.99	21.94
1.4	6	0		22.28	22.11	22.03
1.4	1	0	16-QAM	22.21	21.88	22.00
1.4	1	2		22.13	22.08	21.96
1.4	1	5		22.33	21.88	22.04
1.4	3	0		21.22	20.94	21.12
1.4	3	1		21.28	21.03	21.02
1.4	3	2		21.28	20.99	21.05
1.4	6	0		21.32	20.99	21.06
3	1	0	QPSK	23.19	22.98	23.01
3	1	7		23.37	23.21	23.24
3	1	14		23.27	23.14	23.01
3	8	0		22.32	22.07	22.08
3	8	4		22.36	22.20	22.10
3	8	7		22.36	22.24	22.19
3	15	0		22.36	22.20	22.08
3	1	0	16-QAM	22.20	22.18	21.94
3	1	7		22.35	22.23	22.09
3	1	14		22.36	22.10	21.96
3	8	0		21.29	21.13	21.03
3	8	4		21.37	21.23	21.10
3	8	7		21.42	21.08	21.25
3	15	0		21.35	21.19	21.04



LTE Band 66 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.31	23.16	23.03
5	1	12		23.41	23.22	23.16
5	1	24		23.34	23.05	23.13
5	12	0		22.32	22.11	22.03
5	12	6		22.42	22.23	22.11
5	12	11		22.39	22.23	22.16
5	25	0		22.30	22.14	22.15
5	1	0	16-QAM	22.40	22.02	22.05
5	1	12		22.35	22.23	22.10
5	1	24		22.36	22.31	22.26
5	12	0		21.38	21.07	21.03
5	12	6		21.37	21.23	21.10
5	12	11		21.40	21.21	21.22
5	25	0		21.37	21.16	21.16
10	1	0	QPSK	23.36	23.15	23.14
10	1	24		23.32	23.32	23.13
10	1	49		23.35	23.09	23.02
10	25	0		22.33	22.12	22.09
10	25	12		22.36	22.20	22.19
10	25	24		22.34	22.13	22.16
10	50	0		22.32	22.18	22.20
10	1	0	16-QAM	22.25	22.11	22.04
10	1	24		22.38	22.27	22.13
10	1	49		22.22	21.90	22.23
10	25	0		21.26	21.16	21.13
10	25	12		21.36	21.21	21.22
10	25	24		21.39	21.26	21.18
10	50	0		21.34	21.17	21.19



LTE Band 66 Maximum Average Power [dBm]						
ANT_1 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.47	23.08	23.24
15	1	37		23.29	23.15	23.05
15	1	74		23.24	23.23	23.14
15	36	0		22.29	22.12	21.98
15	36	18		22.30	22.12	22.01
15	36	39		22.26	22.12	22.00
15	75	0		22.27	22.14	22.04
15	1	0	16-QAM	22.36	22.11	22.04
15	1	38		22.46	21.97	22.11
15	1	75		22.23	22.12	21.96
15	36	0		21.24	21.15	20.99
15	36	18		21.37	21.10	21.05
15	36	39		21.30	21.12	20.96
15	75	0		21.31	21.16	21.01
20	1	0	QPSK	23.25	23.23	23.14
20	1	49		23.34	23.10	23.03
20	1	99		23.22	23.01	22.96
20	50	0		22.26	22.12	22.03
20	50	24		22.34	22.21	22.07
20	50	49		22.26	22.14	22.09
20	100	0		22.31	22.14	22.08
20	1	0	16-QAM	21.97	22.15	21.86
20	1	49		22.25	22.24	21.96
20	1	99		22.31	22.06	22.05
20	50	0		21.23	21.16	21.03
20	50	24		21.34	21.20	21.10
20	50	49		21.24	21.17	21.11
20	100	0		21.31	21.15	21.06



LTE Band 66 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	17.60	17.26	17.21
1.4	1	2		17.55	17.54	17.29
1.4	1	5		17.53	17.52	17.22
1.4	3	0		16.57	16.35	16.32
1.4	3	1		16.54	16.25	16.28
1.4	3	2		16.55	16.21	16.24
1.4	6	0		16.58	16.35	16.26
1.4	1	0	16-QAM	16.51	16.12	16.39
1.4	1	2		16.50	16.36	16.16
1.4	1	5		16.70	16.21	16.32
1.4	3	0		15.51	15.28	15.43
1.4	3	1		15.64	15.35	15.32
1.4	3	2		15.50	15.35	15.37
1.4	6	0		15.57	15.23	15.27
3	1	0	QPSK	17.49	17.21	17.33
3	1	7		17.64	17.46	17.62
3	1	14		17.57	17.47	17.26
3	8	0		16.60	16.31	16.41
3	8	4		16.74	16.58	16.39
3	8	7		16.67	16.54	16.52
3	15	0		16.74	16.49	16.44
3	1	0	16-QAM	16.50	16.45	16.24
3	1	7		16.60	16.47	16.41
3	1	14		16.64	16.34	16.33
3	8	0		15.55	15.51	15.36
3	8	4		15.65	15.53	15.44
3	8	7		15.80	15.30	15.53
3	15	0		15.73	15.39	15.36



LTE Band 66 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	17.59	17.44	17.36
5	1	12		17.71	17.59	17.43
5	1	24		17.70	17.26	17.41
5	12	0		16.71	16.47	16.39
5	12	6		16.68	16.44	16.35
5	12	11		16.61	16.50	16.50
5	25	0		16.70	16.48	16.44
5	1	0	16-QAM	16.68	16.30	16.35
5	1	12		16.74	16.61	16.39
5	1	24		16.65	16.64	16.53
5	12	0		15.62	15.47	15.26
5	12	6		15.63	15.47	15.34
5	12	11		15.73	15.43	15.60
5	25	0		15.60	15.39	15.41
10	1	0	QPSK	17.74	17.53	17.51
10	1	24		17.71	17.67	17.35
10	1	49		17.58	17.46	17.30
10	25	0		16.62	16.32	16.40
10	25	12		16.76	16.57	16.47
10	25	24		16.69	16.40	16.50
10	50	0		16.71	16.44	16.55
10	1	0	16-QAM	16.52	16.41	16.34
10	1	24		16.75	16.58	16.39
10	1	49		16.50	16.30	16.44
10	25	0		15.56	15.38	15.42
10	25	12		15.66	15.44	15.43
10	25	24		15.70	15.51	15.42
10	50	0		15.62	15.52	15.44



LTE Band 66 Maximum Average Power [dBm]						
ANT_1 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	17.70	17.44	17.47
15	1	37		17.65	17.46	17.45
15	1	74		17.46	17.47	17.37
15	36	0		16.65	16.34	16.20
15	36	18		16.51	16.33	16.34
15	36	39		16.57	16.43	16.20
15	75	0		16.54	16.44	16.38
15	1	0	16-QAM	16.68	16.34	16.31
15	1	38		16.69	16.33	16.38
15	1	75		16.45	16.32	16.34
15	36	0		15.46	15.43	15.19
15	36	18		15.64	15.45	15.33
15	36	39		15.68	15.46	15.26
15	75	0		15.51	15.48	15.38
20	1	0	QPSK	17.50	17.45	17.42
20	1	49		17.68	17.48	17.41
20	1	99		17.50	17.27	17.31
20	50	0		16.52	16.33	16.27
20	50	24		16.64	16.50	16.44
20	50	49		16.51	16.40	16.46
20	100	0		16.65	16.41	16.47
20	1	0	16-QAM	16.18	16.49	16.23
20	1	49		16.64	16.55	16.31
20	1	99		16.55	16.44	16.38
20	50	0		15.50	15.52	15.26
20	50	24		15.56	15.54	15.32
20	50	49		15.64	15.50	15.45
20	100	0		15.56	15.51	15.44



LTE Band 66 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.20	23.10	23.11
1.4	1	2		23.15	23.28	23.16
1.4	1	5		23.27	23.09	23.15
1.4	3	0		22.31	22.13	22.12
1.4	3	1		22.35	22.08	22.13
1.4	3	2		22.23	22.08	22.09
1.4	6	0		22.32	22.15	22.20
1.4	1	0	16-QAM	22.24	22.26	22.26
1.4	1	2		22.21	22.07	21.93
1.4	1	5		22.25	22.01	21.99
1.4	3	0		21.28	21.16	21.10
1.4	3	1		21.28	21.23	21.16
1.4	3	2		21.30	21.22	21.15
1.4	6	0		21.21	21.19	21.21
3	1	0	QPSK	23.35	23.14	23.17
3	1	7		23.54	23.24	23.40
3	1	14		23.27	23.21	23.20
3	8	0		22.43	22.16	22.23
3	8	4		22.46	22.32	22.19
3	8	7		22.46	22.27	22.35
3	15	0		22.38	22.21	22.24
3	1	0	16-QAM	22.39	22.20	22.31
3	1	7		22.58	22.43	22.37
3	1	14		22.27	22.26	22.17
3	8	0		21.39	21.21	21.22
3	8	4		21.44	21.32	21.22
3	8	7		21.48	21.29	21.34
3	15	0		21.42	21.24	21.22



LTE Band 66 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.49	23.32	23.24
5	1	12		23.42	23.32	23.29
5	1	24		23.48	23.28	23.32
5	12	0		22.40	22.13	22.18
5	12	6		22.48	22.25	22.28
5	12	11		22.44	22.32	22.36
5	25	0		22.44	22.25	22.30
5	1	0	16-QAM	22.42	22.05	22.16
5	1	12		22.42	22.39	22.26
5	1	24		22.43	22.30	22.25
5	12	0		21.44	21.17	21.24
5	12	6		21.40	21.33	21.26
5	12	11		21.43	21.29	21.44
5	25	0		21.42	21.30	21.33
10	1	0	QPSK	23.38	23.22	23.22
10	1	24		23.38	23.23	23.30
10	1	49		23.41	23.30	23.38
10	25	0		22.34	22.23	22.25
10	25	12		22.49	22.37	22.38
10	25	24		22.42	22.24	22.32
10	50	0		22.46	22.35	22.38
10	1	0	16-QAM	22.48	22.22	22.16
10	1	24		22.52	22.33	22.32
10	1	49		22.64	22.59	22.17
10	25	0		21.44	21.22	21.34
10	25	12		21.46	21.36	21.33
10	25	24		21.41	21.27	21.33
10	50	0		21.45	21.30	21.40



LTE Band 66 Maximum Average Power [dBm]						
ANT_4 Full power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.48	23.27	23.34
15	1	37		23.36	23.25	23.27
15	1	74		23.43	23.18	23.09
15	36	0		22.33	22.28	22.17
15	36	18		22.41	22.21	22.19
15	36	39		22.33	22.25	22.15
15	75	0		22.35	22.22	22.14
15	1	0	16-QAM	22.30	22.31	22.10
15	1	38		22.38	22.26	22.23
15	1	75		22.33	22.08	22.27
15	36	0		21.34	21.23	21.18
15	36	18		21.45	21.23	21.18
15	36	39		21.32	21.24	21.06
15	75	0		21.41	21.25	21.16
20	1	0	QPSK	23.28	23.27	23.12
20	1	49		23.45	23.18	23.20
20	1	99		23.27	23.13	23.19
20	50	0		22.33	22.21	22.20
20	50	24		22.42	22.30	22.25
20	50	49		22.37	22.29	22.24
20	100	0		22.38	22.27	22.29
20	1	0	16-QAM	22.19	22.23	21.97
20	1	49		22.28	22.22	21.97
20	1	99		22.47	22.35	22.06
20	50	0		21.38	21.22	21.19
20	50	24		21.41	21.34	21.25
20	50	49		21.40	21.26	21.19
20	100	0		21.43	21.23	21.26



LTE Band 66 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	17.54	17.45	17.45
1.4	1	2		17.39	17.62	17.47
1.4	1	5		17.62	17.44	17.38
1.4	3	0		16.56	16.36	16.47
1.4	3	1		16.67	16.39	16.53
1.4	3	2		16.63	16.29	16.40
1.4	6	0		16.53	16.41	16.49
1.4	1	0	16-QAM	16.61	16.54	16.54
1.4	1	2		16.49	16.42	16.23
1.4	1	5		16.54	16.37	16.25
1.4	3	0		15.59	15.54	15.43
1.4	3	1		15.63	15.51	15.52
1.4	3	2		15.66	15.49	15.51
1.4	6	0		15.50	15.50	15.57
3	1	0	QPSK	17.61	17.51	17.50
3	1	7		17.90	17.46	17.70
3	1	14		17.57	17.49	17.48
3	8	0		16.65	16.50	16.61
3	8	4		16.73	16.67	16.57
3	8	7		16.84	16.63	16.64
3	15	0		16.68	16.45	16.46
3	1	0	16-QAM	16.73	16.58	16.56
3	1	7		16.90	16.72	16.62
3	1	14		16.52	16.65	16.53
3	8	0		15.67	15.59	15.50
3	8	4		15.69	15.59	15.46
3	8	7		15.79	15.53	15.73
3	15	0		15.73	15.47	15.45



LTE Band 66 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	17.88	17.65	17.47
5	1	12		17.72	17.55	17.59
5	1	24		17.81	17.61	17.68
5	12	0		16.75	16.44	16.45
5	12	6		16.80	16.53	16.52
5	12	11		16.77	16.58	16.75
5	25	0		16.74	16.48	16.53
5	1	0	16-QAM	16.77	16.26	16.42
5	1	12		16.80	16.70	16.53
5	1	24		16.67	16.70	16.47
5	12	0		15.74	15.46	15.44
5	12	6		15.64	15.57	15.52
5	12	11		15.82	15.59	15.67
5	25	0		15.82	15.60	15.72
10	1	0	QPSK	17.60	17.59	17.47
10	1	24		17.58	17.47	17.63
10	1	49		17.77	17.67	17.75
10	25	0		16.70	16.44	16.57
10	25	12		16.71	16.65	16.63
10	25	24		16.76	16.63	16.54
10	50	0		16.74	16.63	16.66
10	1	0	16-QAM	16.86	16.60	16.47
10	1	24		16.72	16.57	16.65
10	1	49		16.90	16.87	16.39
10	25	0		15.66	15.53	15.62
10	25	12		15.82	15.66	15.55
10	25	24		15.66	15.50	15.54
10	50	0		15.83	15.69	15.72



LTE Band 66 Maximum Average Power [dBm]						
ANT_4 DSI 1 power						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	17.85	17.62	17.55
15	1	37		17.57	17.50	17.66
15	1	74		17.69	17.41	17.44
15	36	0		16.55	16.49	16.37
15	36	18		16.66	16.58	16.52
15	36	39		16.55	16.46	16.54
15	75	0		16.63	16.58	16.34
15	1	0	16-QAM	16.54	16.66	16.42
15	1	38		16.68	16.65	16.55
15	1	75		16.70	16.41	16.49
15	36	0		15.68	15.45	15.58
15	36	18		15.66	15.52	15.56
15	36	39		15.62	15.59	15.32
15	75	0		15.72	15.48	15.45
20	1	0	QPSK	17.54	17.62	17.40
20	1	49		17.72	17.49	17.55
20	1	99		17.55	17.36	17.49
20	50	0		16.57	16.55	16.51
20	50	24		16.78	16.67	16.54
20	50	49		16.59	16.50	16.52
20	100	0		16.60	16.48	16.66
20	1	0	16-QAM	16.45	16.44	16.29
20	1	49		16.66	16.60	16.27
20	1	99		16.75	16.58	16.45
20	50	0		15.72	15.43	15.58
20	50	24		15.76	15.72	15.58
20	50	49		15.63	15.47	15.40
20	100	0		15.78	15.58	15.51



NR Conducted Powers

1. For 5G NR SAR testing, 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.

The DFT-s-OFDM and CP-OFDM waveforms were investigated, and DFT-s-OFDM was found to be the worst case.

The worst-case scenario for all measurements is based on an engineering evaluation and QPSK was observed as the worst one and set for all conducted and radiated. Output power measurements were measured on QPSK, 16QAM, 64QAM, 256QAM, and BPSK, modulations.

2. According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping 5G NR(FR1) bands as follows:

- c) The maximum output power, including tolerance, for the smaller band must be less than the larger band to qualify for the SAR test exclusion.
- d) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. 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 per KDB 941225 D05 SAR for LTE Devices.



N2 ANT 1 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	374000	376000	378000	Tune up
				1870.0MHz	1880.0MHz	1890.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.95	23.02	22.90	23.0±1.0
		1	108	23.14	23.20	23.11	
		1	214	23.10	23.22	23.09	
		108	0	22.71	22.84	22.74	23.0±1.0
		108	54	23.14	23.20	23.06	
		108	108	22.76	22.80	22.77	
		216	0	22.74	22.67	22.61	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.14	23.33	23.25	23.0±1.0
		1	108	23.07	23.18	23.10	
		1	214	23.06	23.13	23.04	
		108	0	22.07	22.00	22.05	23.0±1.0
		108	54	22.98	23.07	23.01	
		108	108	21.97	22.09	22.06	
		216	0	22.40	22.34	22.27	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.11	22.00	21.97	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.20	20.32	20.05	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.63	18.59	18.56	18.0±1.0
	CP-OFDM QPSK	1	1	21.60	21.78	21.65	21.5±1.0
	CP-OFDM 16QAM	1	1	21.23	21.04	20.95	21.0±1.0
	CP-OFDM 64QAM	1	1	19.43	19.59	19.31	19.0±1.0
	CP-OFDM 256QAM	1	1	16.46	16.60	16.43	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	373000	376000	379000	Tune up
				1865.0MHz	1880.0MHz	1895.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.18	23.05	23.11	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	372500	376000	379500	Tune up
				1862.5MHz	1880.0MHz	1897.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	23.08	23.00	23.03	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	372000	376000	380000	Tune up
				1860.0MHz	1880.0MHz	1900.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.03	23.00	23.09	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	371500	376000	380500	Tune up
				1857.5MHz	1880.0MHz	1902.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.06	23.12	23.00	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	371000	376000	381000	Tune up
				1855.0MHz	1880.0MHz	1905.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.10	23.16	23.15	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	370500	376000	381500	Tune up
				1852.5MHz	1880.0MHz	1907.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.10	23.17	23.13	23.0±1.0



N2 ANT 1 DSI 1 Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	374000	376000	378000	Tune up
				1870.0MHz	1880.0MHz	1890.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.00	17.00	16.82	17.0±1.0
		1	108	17.23	17.16	17.10	
		1	214	17.12	17.29	17.04	
		108	0	16.63	16.84	16.73	17.0±1.0
		108	54	17.13	17.21	17.04	
		108	108	16.70	16.76	16.75	
		216	0	16.74	16.67	16.65	16.5±1.0
	DFT-s-OFDM QPSK	1	1	17.22	17.27	17.29	17.0±1.0
		1	108	17.11	17.20	17.15	
		1	214	17.06	17.13	17.00	
		108	0	15.99	15.93	16.10	17.0±1.0
		108	54	16.99	17.13	16.94	
		108	108	15.97	16.14	16.06	
		216	0	16.50	16.29	16.32	16.0±1.0
	DFT-s-OFDM 16QAM	1	1	16.12	15.99	15.90	15.5±1.0
	DFT-s-OFDM 64QAM	1	1	14.21	14.26	14.03	14.0±1.0
	DFT-s-OFDM 256QAM	1	1	12.58	12.52	12.55	12.0±1.0
	CP-OFDM QPSK	1	1	15.58	15.88	15.56	15.5±1.0
	CP-OFDM 16QAM	1	1	15.20	15.09	15.02	14.5±1.0
	CP-OFDM 64QAM	1	1	13.52	13.59	13.24	13.0±1.0
	CP-OFDM 256QAM	1	1	10.51	10.69	10.37	10.0±1.0
Bandwidth	Modulation	RB size	RB offset	373000	376000	379000	Tune up
				1865.0MHz	1880.0MHz	1895.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	17.22	17.02	17.12	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	372500	376000	379500	Tune up
				1862.5MHz	1880.0MHz	1897.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	17.09	16.91	17.09	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	372000	376000	380000	Tune up
				1860.0MHz	1880.0MHz	1900.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	17.08	17.06	17.18	17.0±1.0



Bandwidth	Modulation	RB size	RB offset	371500	376000	380500	Tune up
				1857.5MHz	1880.0MHz	1902.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	16.97	17.15	17.04	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	371000	376000	381000	Tune up
				1855.0MHz	1880.0MHz	1905.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	17.01	17.06	17.07	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	370500	376000	381500	Tune up
				1852.5MHz	1880.0MHz	1907.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	17.03	17.10	17.11	17.0±1.0



N2 ANT 4 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	374000	376000	378000	Tune up
				1870.0MHz	1880.0MHz	1890.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.02	23.05	22.96	23.0±1.0
		1	108	23.21	22.94	22.92	
		1	214	23.05	23.01	22.92	
		108	0	22.80	22.49	22.54	23.0±1.0
		108	54	23.19	22.96	23.03	
		108	108	22.68	22.55	22.54	
		216	0	22.68	22.60	22.61	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.21	23.05	23.14	23.0±1.0
		1	108	23.20	23.08	23.05	
		1	214	23.17	22.94	23.02	
		108	0	22.26	21.97	22.00	23.0±1.0
		108	54	23.22	22.95	22.84	
		108	108	22.32	22.16	22.05	
		216	0	22.24	22.17	22.11	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.25	21.94	21.98	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.36	20.23	20.08	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.57	18.53	18.48	18.0±1.0
	CP-OFDM QPSK	1	1	21.79	21.67	21.52	21.5±1.0
	CP-OFDM 16QAM	1	1	21.14	20.94	20.98	21.0±1.0
	CP-OFDM 64QAM	1	1	19.41	19.40	19.17	19.0±1.0
	CP-OFDM 256QAM	1	1	16.52	16.39	16.20	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	373000	376000	379000	Tune up
				1865.0MHz	1880.0MHz	1895.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.23	23.08	23.05	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	372500	376000	379500	Tune up
				1862.5MHz	1880.0MHz	1897.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	23.19	23.02	22.95	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	372000	376000	380000	Tune up
				1860.0MHz	1880.0MHz	1900.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.16	22.89	22.92	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	371500	376000	380500	Tune up
				1857.5MHz	1880.0MHz	1902.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.13	23.10	23.08	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	371000	376000	381000	Tune up
				1855.0MHz	1880.0MHz	1905.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.09	23.02	23.25	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	370500	376000	381500	Tune up
				1852.5MHz	1880.0MHz	1907.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.05	23.12	23.01	23.0±1.0



N2 ANT 4 DSI 1 Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	374000	376000	378000	Tune up
				1870.0MHz	1880.0MHz	1890.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.02	17.92	17.80	17.5±1.0
		1	108	18.13	17.83	17.74	
		1	214	18.05	17.97	17.80	
		108	0	17.67	17.42	17.52	17.5±1.0
		108	54	18.07	17.94	17.96	
		108	108	17.50	17.43	17.46	
		216	0	17.51	17.50	17.59	17.0±1.0
	DFT-s-OFDM QPSK	1	1	18.08	17.98	17.96	17.5±1.0
		1	108	18.16	18.07	17.97	
		1	214	18.00	17.78	17.94	
		108	0	17.10	16.91	16.95	17.5±1.0
		108	54	18.04	17.92	17.68	
		108	108	17.30	17.08	16.88	
		216	0	17.22	17.01	17.03	16.5±1.0
	DFT-s-OFDM 16QAM	1	1	17.13	16.79	16.95	16.5±1.0
	DFT-s-OFDM 64QAM	1	1	15.23	15.18	15.00	15.0±1.0
	DFT-s-OFDM 256QAM	1	1	13.41	13.42	13.41	13.0±1.0
	CP-OFDM QPSK	1	1	16.64	16.58	16.51	16.0±1.0
	CP-OFDM 16QAM	1	1	16.10	15.75	15.80	15.5±1.0
	CP-OFDM 64QAM	1	1	14.26	14.26	14.01	14.0±1.0
	CP-OFDM 256QAM	1	1	11.45	11.28	11.04	11.0±1.0
Bandwidth	Modulation	RB size	RB offset	373000	376000	379000	Tune up
				1865.0MHz	1880.0MHz	1895.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	18.12	17.97	17.99	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	372500	376000	379500	Tune up
				1862.5MHz	1880.0MHz	1897.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	18.09	17.86	17.81	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	372000	376000	380000	Tune up
				1860.0MHz	1880.0MHz	1900.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	18.01	17.82	17.95	17.5±1.0



Bandwidth	Modulation	RB size	RB offset	371500	376000	380500	Tune up
				1857.5MHz	1880.0MHz	1902.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	17.94	18.02	18.00	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	371000	376000	381000	Tune up
				1855.0MHz	1880.0MHz	1905.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	18.05	17.87	18.08	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	370500	376000	381500	Tune up
				1852.5MHz	1880.0MHz	1907.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	17.92	18.09	17.87	17.5±1.0



N5 ANT 3 Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.84	22.93	22.98	22.5±1.0
		1	53	23.00	23.09	23.11	
		1	104	22.94	23.04	22.96	
		50	0	22.44	22.41	22.45	22.5±1.0
		50	28	23.00	23.04	22.93	
		50	56	22.41	22.54	22.52	
		100	0	22.52	22.46	22.60	22.0±1.0
	DFT-s-OFDM QPSK	1	1	23.10	23.07	23.11	22.5±1.0
		1	53	23.03	23.13	22.95	
		1	104	22.96	22.93	23.06	
		50	0	21.95	22.06	21.99	22.5±1.0
		50	28	22.96	22.93	22.89	
		50	56	21.98	21.97	22.00	
		100	0	22.01	22.05	21.95	21.5±1.0
	DFT-s-OFDM 16QAM	1	1	22.13	21.99	22.03	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	20.14	20.33	20.03	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.53	18.64	18.56	18.5±1.0
	CP-OFDM QPSK	1	1	21.57	21.74	21.51	21.5±1.0
	CP-OFDM 16QAM	1	1	21.12	21.03	20.94	20.5±1.0
	CP-OFDM 64QAM	1	1	19.41	19.54	19.42	19.0±1.0
	CP-OFDM 256QAM	1	1	16.50	16.48	16.31	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.02	22.92	23.10	22.5±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.11	22.99	23.04	22.5±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.05	23.04	22.97	22.5±1.0



N5 ANT 3 DSI 1 power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.03	16.94	17.12	17.0±1.0
		1	53	17.02	17.24	17.24	
		1	104	17.05	17.12	17.08	
		50	0	16.52	16.45	16.47	17.0±1.0
		50	28	17.17	17.08	17.08	
		50	56	16.45	16.69	16.57	
		100	0	16.52	16.47	16.62	16.0±1.0
	DFT-s-OFDM QPSK	1	1	17.26	17.18	17.18	17.0±1.0
		1	53	17.14	17.29	17.10	
		1	104	17.13	17.11	17.19	
		50	0	16.05	16.20	16.13	17.0±1.0
		50	28	17.11	16.97	17.04	
		50	56	16.08	16.07	16.06	
		100	0	16.05	16.24	15.95	16.0±1.0
	DFT-s-OFDM 16QAM	1	1	16.28	16.06	16.18	16.0±1.0
	DFT-s-OFDM 64QAM	1	1	14.19	14.35	14.22	14.0±1.0
	DFT-s-OFDM 256QAM	1	1	12.60	12.84	12.59	12.5±1.0
	CP-OFDM QPSK	1	1	15.64	15.90	15.54	15.5±1.0
	CP-OFDM 16QAM	1	1	15.28	15.07	15.09	15.0±1.0
	CP-OFDM 64QAM	1	1	13.59	13.62	13.55	13.0±1.0
	CP-OFDM 256QAM	1	1	10.51	10.64	10.35	10.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	17.14	17.11	17.20	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	17.28	17.17	17.24	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	17.17	17.20	17.01	17.0±1.0



N5 ANT 5 Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.16	23.08	23.0±1.0
		1	53	23.01	23.15	23.12	
		1	104	23.02	23.08	22.96	
		50	0	22.53	22.71	22.61	23.0±1.0
		50	28	23.11	23.02	23.06	
		50	56	22.73	22.70	22.76	
		100	0	22.63	22.75	22.69	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.06	23.12	23.11	23.0±1.0
		1	53	23.04	23.17	23.05	
		1	104	23.20	23.23	23.16	
		50	0	22.15	22.21	22.09	23.0±1.0
		50	28	23.06	23.13	23.09	
		50	56	22.25	22.34	22.28	
		100	0	22.21	22.29	22.16	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.17	22.06	22.08	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.26	20.43	20.09	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.65	18.77	18.70	18.5±1.0
	CP-OFDM QPSK	1	1	21.69	21.83	21.66	21.5±1.0
	CP-OFDM 16QAM	1	1	21.27	21.21	21.08	20.5±1.0
	CP-OFDM 64QAM	1	1	19.57	19.58	19.08	19.0±1.0
	CP-OFDM 256QAM	1	1	16.65	16.62	16.50	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.15	23.08	23.09	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.17	23.06	23.08	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.11	23.23	23.16	23.0±1.0



N5 ANT 5 DSI 1 power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.95	16.95	16.84	16.5±1.0
		1	53	16.81	17.03	16.94	
		1	104	16.79	16.92	16.72	
		50	0	16.35	16.59	16.33	16.5±1.0
		50	28	16.98	16.79	16.90	
		50	56	16.59	16.59	16.52	
		100	0	16.35	16.61	16.49	16.0±1.0
	DFT-s-OFDM QPSK	1	1	16.87	16.89	16.88	16.5±1.0
		1	53	16.87	16.98	16.82	
		1	104	17.10	16.93	16.89	
		50	0	15.91	16.02	15.89	16.5±1.0
		50	28	16.79	16.99	16.83	
		50	56	16.01	16.10	16.12	
		100	0	15.93	16.15	15.94	15.5±1.0
	DFT-s-OFDM 16QAM	1	1	16.02	15.88	15.83	15.5±1.0
	DFT-s-OFDM 64QAM	1	1	14.05	14.22	13.85	14.0±1.0
	DFT-s-OFDM 256QAM	1	1	12.47	12.61	12.56	12.0±1.0
	CP-OFDM QPSK	1	1	15.39	15.54	15.38	15.0±1.0
	CP-OFDM 16QAM	1	1	15.08	14.92	14.91	14.5±1.0
	CP-OFDM 64QAM	1	1	13.29	13.36	12.81	13.0±1.0
	CP-OFDM 256QAM	1	1	10.42	10.40	10.30	10.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	16.90	16.89	16.86	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	16.98	16.80	16.84	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	16.82	17.11	16.90	16.5±1.0



N7 ANT 1 Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	504000	507000	510000	Tune up
				2520.0MHz	2535.0MHz	2550.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.69	23.75	23.77	23.5±1.0
		1	108	23.71	23.76	23.73	
		1	214	23.72	23.80	23.73	
		108	0	23.25	23.23	23.19	23.5±1.0
		108	54	23.74	23.78	23.75	
		108	108	23.17	23.28	23.14	
		216	0	23.21	23.27	23.30	23.0±1.0
	DFT-s-OFDM QPSK	1	1	23.87	23.82	23.80	23.5±1.0
		1	108	23.76	23.79	23.71	
		1	214	23.80	23.78	23.82	
		108	0	22.83	22.79	22.82	23.5±1.0
		108	54	23.78	23.70	23.82	
		108	108	22.87	22.90	22.79	
		216	0	22.77	22.93	22.83	22.5±1.0
	DFT-s-OFDM 16QAM	1	1	22.64	22.73	22.62	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	21.20	21.14	21.28	21.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.97	18.91	19.14	19.0±1.0
	CP-OFDM QPSK	1	1	22.25	22.06	22.19	22.0±1.0
	CP-OFDM 16QAM	1	1	21.53	21.65	21.59	21.0±1.0
	CP-OFDM 64QAM	1	1	20.28	20.16	20.35	20.0±1.0
	CP-OFDM 256QAM	1	1	17.24	17.11	17.45	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	503000	507000	511000	Tune up
				2515.0MHz	2535.0MHz	2555.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.64	23.77	23.59	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	502500	507000	511500	Tune up
				2512.5MHz	2535.0MHz	2557.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	23.74	23.72	23.68	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	502000	507000	512000	Tune up
				2510.0MHz	2535.0MHz	2560.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.84	23.83	23.90	23.5±1.0



Bandwidth	Modulation	RB size	RB offset	501500	507000	512500	Tune up
				2507.5MHz	2535.0MHz	2562.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.71	23.73	23.65	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513000	Tune up
				2505.0MHz	2535.0MHz	2565.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.83	23.72	23.79	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513500	Tune up
				2502.5MHz	2535.0MHz	2567.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.76	23.65	23.79	23.5±1.0



N7 ANT 1 DSI 1 power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	504000	507000	510000	Tune up
				2520.0MHz	2535.0MHz	2550.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.22	18.44	18.45	18.0±1.0
		1	108	18.33	18.27	18.28	
		1	214	18.27	18.46	18.23	
		108	0	17.80	17.87	17.82	18.0±1.0
		108	54	18.40	18.38	18.33	
		108	108	17.71	17.94	17.65	
		216	0	17.80	17.78	17.99	17.5±1.0
	DFT-s-OFDM QPSK	1	1	18.56	18.32	18.35	18.0±1.0
		1	108	18.34	18.42	18.37	
		1	214	18.31	18.31	18.52	
		108	0	17.34	17.48	17.46	18.0±1.0
		108	54	18.29	18.33	18.44	
		108	108	17.42	17.41	17.43	
		216	0	17.27	17.54	17.45	17.0±1.0
	DFT-s-OFDM 16QAM	1	1	17.22	17.38	17.26	17.0±1.0
	DFT-s-OFDM 64QAM	1	1	15.88	15.77	15.87	15.5±1.0
	DFT-s-OFDM 256QAM	1	1	13.53	13.43	13.71	13.0±1.0
	CP-OFDM QPSK	1	1	16.81	16.57	16.71	16.5±1.0
	CP-OFDM 16QAM	1	1	16.12	16.32	16.22	16.0±1.0
	CP-OFDM 64QAM	1	1	14.95	14.69	14.96	14.5±1.0
	CP-OFDM 256QAM	1	1	11.79	11.72	12.04	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	503000	507000	511000	Tune up
				2515.0MHz	2535.0MHz	2555.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	18.23	18.40	18.27	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	502500	507000	511500	Tune up
				2512.5MHz	2535.0MHz	2557.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	18.29	18.25	18.34	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	502000	507000	512000	Tune up
				2510.0MHz	2535.0MHz	2560.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	18.53	18.42	18.49	18.0±1.0



Bandwidth	Modulation	RB size	RB offset	501500	507000	512500	Tune up
				2507.5MHz	2535.0MHz	2562.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	18.21	18.23	18.25	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513000	Tune up
				2505.0MHz	2535.0MHz	2565.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	18.36	18.24	18.49	18.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513500	Tune up
				2502.5MHz	2535.0MHz	2567.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	18.26	18.30	18.33	18.0±1.0



N7 ANT 4 Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	504000	507000	510000	Tune up
				2520.0MHz	2535.0MHz	2550.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.32	23.43	23.28	23.0±1.0
		1	108	23.36	23.46	23.52	
		1	214	23.30	23.39	23.33	
		108	0	22.96	22.93	22.85	23.0±1.0
		108	54	23.39	23.34	23.26	
		108	108	22.92	22.76	22.88	
		216	0	22.95	22.94	22.97	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.43	23.50	23.34	23.0±1.0
		1	108	23.38	23.33	23.42	
		1	214	23.39	23.33	23.31	
		108	0	22.44	22.33	22.45	23.0±1.0
		108	54	23.41	23.24	23.37	
		108	108	22.37	22.38	22.32	
		216	0	22.54	22.52	22.50	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.26	22.15	22.22	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	21.03	20.94	21.11	21.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.89	18.75	19.05	19.0±1.0
	CP-OFDM QPSK	1	1	22.16	21.51	21.69	21.5±1.0
	CP-OFDM 16QAM	1	1	21.62	21.44	21.40	21.0±1.0
	CP-OFDM 64QAM	1	1	19.99	19.73	20.11	19.5±1.0
	CP-OFDM 256QAM	1	1	17.08	16.94	17.23	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	503000	507000	511000	Tune up
				2515.0MHz	2535.0MHz	2555.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.32	23.41	23.30	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	502500	507000	511500	Tune up
				2512.5MHz	2535.0MHz	2557.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	23.38	23.36	23.42	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	502000	507000	512000	Tune up
				2510.0MHz	2535.0MHz	2560.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.43	23.37	23.35	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	501500	507000	512500	Tune up
				2507.5MHz	2535.0MHz	2562.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.32	23.33	23.39	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513000	Tune up
				2505.0MHz	2535.0MHz	2565.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.43	23.33	23.38	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513500	Tune up
				2502.5MHz	2535.0MHz	2567.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.42	23.35	23.43	23.0±1.0



N7 ANT 4 DSI 1 power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	504000	507000	510000	Tune up
				2520.0MHz	2535.0MHz	2550.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.37	19.55	19.30	19.0±1.0
		1	108	19.43	19.56	19.56	
		1	214	19.37	19.45	19.35	
		108	0	19.10	19.02	18.99	19.0±1.0
		108	54	19.50	19.36	19.30	
		108	108	19.02	18.81	19.01	
		216	0	19.06	19.04	18.99	18.5±1.0
	DFT-s-OFDM QPSK	1	1	19.57	19.55	19.49	19.0±1.0
		1	108	19.39	19.46	19.42	
		1	214	19.41	19.47	19.37	
		108	0	18.59	18.41	18.57	19.0±1.0
		108	54	19.51	19.36	19.39	
		108	108	18.51	18.42	18.35	
		216	0	18.64	18.63	18.62	18.0±1.0
	DFT-s-OFDM 16QAM	1	1	18.33	18.27	18.31	18.0±1.0
	DFT-s-OFDM 64QAM	1	1	17.12	16.99	17.15	16.5±1.0
	DFT-s-OFDM 256QAM	1	1	15.04	14.79	15.18	14.5±1.0
	CP-OFDM QPSK	1	1	18.09	17.63	17.80	17.5±1.0
	CP-OFDM 16QAM	1	1	17.66	17.45	17.44	17.0±1.0
	CP-OFDM 64QAM	1	1	16.03	15.75	16.13	15.5±1.0
	CP-OFDM 256QAM	1	1	13.16	13.06	13.24	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	503000	507000	511000	Tune up
				2515.0MHz	2535.0MHz	2555.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	19.46	19.52	19.32	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	502500	507000	511500	Tune up
				2512.5MHz	2535.0MHz	2557.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	19.41	19.44	19.44	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	502000	507000	512000	Tune up
				2510.0MHz	2535.0MHz	2560.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	19.51	19.50	19.46	19.0±1.0



Bandwidth	Modulation	RB size	RB offset	501500	507000	512500	Tune up
				2507.5MHz	2535.0MHz	2562.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	19.35	19.48	19.50	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513000	Tune up
				2505.0MHz	2535.0MHz	2565.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	19.47	19.39	19.30	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	500500	507000	513500	Tune up
				2502.5MHz	2535.0MHz	2567.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	19.53	19.41	19.49	19.0±1.0



N26 ANT 3(Part 22) Full power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.85	22.93	22.89	22.5±1.0
		1	53	22.84	22.92	22.91	
		1	104	22.96	22.93	22.90	
		50	0	22.44	22.50	22.38	22.5±1.0
		50	28	22.90	22.96	22.93	
		50	56	22.47	22.52	22.43	
		100	0	22.43	22.48	22.41	22.0±1.0
	DFT-s-OFDM QPSK	1	1	22.95	23.02	22.93	22.5±1.0
		1	53	23.01	22.88	22.87	
		1	104	22.99	22.93	22.89	
		50	0	21.99	22.05	22.05	22.5±1.0
		50	28	23.02	23.04	23.00	
		50	56	22.03	22.04	22.00	
		100	0	22.10	22.01	22.03	21.5±1.0
	DFT-s-OFDM 16QAM	1	1	22.06	21.93	21.98	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	20.50	20.37	20.44	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.30	18.42	18.31	18.0±1.0
	CP-OFDM QPSK	1	1	21.48	21.64	21.35	21.0±1.0
	CP-OFDM 16QAM	1	1	21.09	21.09	20.78	20.5±1.0
	CP-OFDM 64QAM	1	1	19.52	19.26	19.40	19.5±1.0
	CP-OFDM 256QAM	1	1	16.24	16.58	16.41	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	22.90	22.98	23.01	22.5±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	22.97	22.91	22.85	22.5±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.00	22.89	22.95	22.5±1.0



N26 ANT 3(Part 22) DSI 1 power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.83	19.99	19.99	19.5±1.0
		1	53	19.85	19.86	19.91	
		1	104	20.01	19.83	19.86	
		50	0	19.46	19.57	19.31	19.5±1.0
		50	28	19.91	19.89	19.87	
		50	56	19.53	19.49	19.47	
		100	0	19.34	19.46	19.44	19.0±1.0
	DFT-s-OFDM QPSK	1	1	20.05	20.12	19.84	19.5±1.0
		1	53	19.92	19.91	19.89	
		1	104	19.93	20.02	19.86	
		50	0	19.06	18.95	19.09	19.5±1.0
		50	28	19.96	20.09	20.06	
		50	56	19.12	18.95	18.91	
		100	0	19.19	18.96	19.07	18.5±1.0
	DFT-s-OFDM 16QAM	1	1	19.09	18.84	18.91	18.5±1.0
	DFT-s-OFDM 64QAM	1	1	17.55	17.38	17.48	17.0±1.0
	DFT-s-OFDM 256QAM	1	1	15.38	15.49	15.22	15.0±1.0
	CP-OFDM QPSK	1	1	18.54	18.57	18.40	18.0±1.0
	CP-OFDM 16QAM	1	1	18.03	18.01	17.87	17.5±1.0
	CP-OFDM 64QAM	1	1	16.59	16.22	16.33	16.0±1.0
	CP-OFDM 256QAM	1	1	13.16	13.54	13.38	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	19.97	19.91	20.02	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	19.91	19.85	19.87	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	20.01	19.91	20.00	19.5±1.0



N26 ANT 5(Part 22) Full power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.08	23.03	23.01	22.5±1.0
		1	53	23.04	23.05	23.02	
		1	104	22.92	22.95	22.90	
		50	0	22.40	22.44	22.50	22.5±1.0
		50	28	23.02	22.94	23.03	
		50	56	22.29	22.33	22.32	
		100	0	22.40	22.48	22.34	22.0±1.0
	DFT-s-OFDM QPSK	1	1	23.17	23.10	23.05	22.5±1.0
		1	53	23.02	22.94	23.08	
		1	104	23.04	23.00	22.88	
		50	0	22.01	22.05	22.08	22.5±1.0
		50	28	23.03	23.00	23.07	
		50	56	22.09	22.06	22.02	
		100	0	22.01	22.05	22.03	21.5±1.0
	DFT-s-OFDM 16QAM	1	1	22.16	22.15	21.97	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	20.57	20.46	20.58	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.24	18.45	18.31	18.0±1.0
	CP-OFDM QPSK	1	1	21.69	21.91	21.78	21.0±1.0
	CP-OFDM 16QAM	1	1	21.27	21.20	21.01	21.5±1.0
	CP-OFDM 64QAM	1	1	19.71	19.37	19.48	19.5±1.0
	CP-OFDM 256QAM	1	1	16.88	16.94	16.82	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	22.94	23.02	22.91	22.5±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.08	23.01	22.96	22.5±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.03	22.97	23.04	22.5±1.0



N26 ANT 5(Part 22) DSI 1 power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	166800	167300	167800	Tune up
				834.0MHz	836.5MHz	839.0MHz	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.43	19.42	19.0±1.0
		1	53	19.42	19.46	19.38	
		1	104	19.23	19.39	19.29	
		50	0	18.81	18.80	18.81	19.0±1.0
		50	28	19.37	19.36	19.38	
		50	56	18.62	18.72	18.72	
		100	0	18.85	18.89	18.69	18.5±1.0
	DFT-s-OFDM QPSK	1	1	19.62	19.55	19.47	19.0±1.0
		1	53	19.41	19.37	19.39	
		1	104	19.41	19.44	19.21	
		50	0	18.32	18.49	18.39	19.0±1.0
		50	28	19.40	19.33	19.47	
		50	56	18.48	18.40	18.34	
		100	0	18.43	18.39	18.37	18.0±1.0
	DFT-s-OFDM 16QAM	1	1	18.51	18.57	18.29	18.0±1.0
	DFT-s-OFDM 64QAM	1	1	17.02	16.80	16.91	16.5±1.0
	DFT-s-OFDM 256QAM	1	1	14.68	14.88	14.75	14.5±1.0
	CP-OFDM QPSK	1	1	18.07	18.33	18.18	18.0±1.0
	CP-OFDM 16QAM	1	1	17.57	17.52	17.35	17.0±1.0
	CP-OFDM 64QAM	1	1	16.07	15.71	15.83	15.5±1.0
	CP-OFDM 256QAM	1	1	13.30	13.37	13.13	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	166300	167300	168300	Tune up
				831.5MHz	836.5MHz	841.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	19.36	19.44	19.32	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	165800	167300	168800	Tune up
				829.0MHz	836.5MHz	844.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	19.45	19.37	19.41	19.0±1.0
Bandwidth	Modulation	RB size	RB offset	165300	167300	169300	Tune up
				826.5MHz	836.5MHz	846.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	19.40	19.27	19.38	19.0±1.0



N26 ANT 3(Part 90) Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	/	163800	/	Tune up
				/	819.0MHz	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.89	/	22.5±1.0
		1	26	/	22.95	/	
		1	50	/	22.93	/	
		25	1	/	22.50	/	22.5±1.0
		25	12	/	22.92	/	
		25	25	/	22.45	/	
		50	0	/	22.43	/	22.0±1.0
	DFT-s-OFDM QPSK	1	1	/	23.01	/	22.5±1.0
		1	26	/	22.92	/	
		1	50	/	22.89	/	
		25	1	/	21.96	/	22.5±1.0
		25	12	/	22.92	/	
		25	25	/	21.87	/	
		50	0	/	21.86	/	21.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	21.72	/	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	19.72	/	19.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	17.70	/	17.5±1.0
	CP-OFDM QPSK	1	1	/	21.29	/	21.0±1.0
	CP-OFDM 16QAM	1	1	/	20.71	/	20.0±1.0
	CP-OFDM 64QAM	1	1	/	18.60	/	18.0±1.0
	CP-OFDM 256QAM	1	1	/	15.88	/	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	163300	163800	164300	Tune up
				816.5MHz	819.0MHz	821.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	22.93	22.84	22.88	22.5±1.0



N26 ANT 3(Part 90) Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	/	163800	/	Tune up
				/	819.0MHz	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.89	/	19.5±1.0
		1	26	/	20.00	/	
		1	50	/	19.96	/	
		25	1	/	19.55	/	19.5±1.0
		25	12	/	19.93	/	
		25	25	/	19.48	/	
		50	0	/	19.44	/	19.0±1.0
	DFT-s-OFDM QPSK	1	1	/	20.04	/	19.5±1.0
		1	26	/	19.96	/	
		1	50	/	19.91	/	
		25	1	/	18.99	/	19.5±1.0
		25	12	/	19.93	/	
		25	25	/	18.88	/	
		50	0	/	18.88	/	18.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	18.73	/	18.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	16.77	/	16.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	14.73	/	14.0±1.0
	CP-OFDM QPSK	1	1	/	18.32	/	18.0±1.0
	CP-OFDM 16QAM	1	1	/	17.75	/	17.0±1.0
	CP-OFDM 64QAM	1	1	/	15.64	/	15.0±1.0
	CP-OFDM 256QAM	1	1	/	12.91	/	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	163300	163800	164300	Tune up
				816.5MHz	819.0MHz	821.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	19.96	19.89	19.90	19.5±1.0



N26 ANT 5(Part 90) Full power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	/	163800	/	Tune up
				/	819.0MHz	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.14	/	22.5±1.0
		1	26	/	23.07	/	
		1	50	/	23.03	/	
		25	1	/	22.47	/	22.5±1.0
		25	12	/	22.94	/	
		25	25	/	22.38	/	
		50	0	/	22.39	/	22.0±1.0
	DFT-s-OFDM QPSK	1	1	/	23.11	/	22.5±1.0
		1	26	/	23.19	/	
		1	50	/	23.03	/	
		25	1	/	22.05	/	22.5±1.0
		25	12	/	23.01	/	
		25	25	/	22.02	/	
		50	0	/	22.01	/	21.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	21.70	/	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	20.01	/	19.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	17.93	/	17.5±1.0
	CP-OFDM QPSK	1	1	/	20.96	/	20.5±1.0
	CP-OFDM 16QAM	1	1	/	20.38	/	20.0±1.0
	CP-OFDM 64QAM	1	1	/	18.75	/	18.0±1.0
	CP-OFDM 256QAM	1	1	/	15.99	/	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	163300	163800	164300	Tune up
				816.5MHz	819.0MHz	821.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	22.98	23.03	22.92	22.5±1.0



N26 ANT 5(Part 90) DSI 1 power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	/	163800	/	Tune up
				/	819.0MHz	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.59	/	19.0±1.0
		1	26	/	19.38	/	
		1	50	/	19.42	/	
		25	1	/	18.81	/	19.0±1.0
		25	12	/	19.31	/	
		25	25	/	18.78	/	
		50	0	/	18.76	/	18.5±1.0
	DFT-s-OFDM QPSK	1	1	/	19.46	/	19.0±1.0
		1	26	/	19.53	/	
		1	50	/	19.38	/	
		25	1	/	18.43	/	19.0±1.0
		25	12	/	19.45	/	
		25	25	/	18.32	/	
		50	0	/	18.45	/	18.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	18.02	/	17.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	16.34	/	16.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	14.38	/	14.0±1.0
	CP-OFDM QPSK	1	1	/	17.26	/	17.0±1.0
	CP-OFDM 16QAM	1	1	/	16.69	/	16.0±1.0
	CP-OFDM 64QAM	1	1	/	15.16	/	14.5±1.0
	CP-OFDM 256QAM	1	1	/	12.31	/	12.0±1.0
Bandwidth	Modulation	RB size	RB offset	163300	163800	164300	Tune up
				816.5MHz	819.0MHz	821.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	19.34	19.39	19.36	19.0±1.0



N41 ANT 1 Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.23	26.19	26.14	26.0±1.0
		1	137	26.33	26.26	26.28	
		1	271	26.22	26.20	26.26	
		135	0	25.67	25.79	25.75	26.0±1.0
		135	69	26.31	26.17	26.24	
		135	138	25.74	25.66	25.75	
		270	0	25.75	25.72	25.59	25.0±1.0
	DFT-s-OFDM QPSK	1	1	26.29	26.44	26.26	26.0±1.0
		1	137	26.28	26.37	26.20	
		1	271	26.21	26.20	26.15	
		135	0	25.37	25.29	25.36	26.0±1.0
		135	69	26.36	26.30	26.21	
		135	138	25.25	25.28	25.24	
		270	0	25.30	25.21	25.24	25.0±1.0
	DFT-s-OFDM 16QAM	1	1	25.38	25.33	25.32	25.0±1.0
	DFT-s-OFDM 64QAM	1	1	23.67	23.69	23.53	23.0±1.0
	DFT-s-OFDM 256QAM	1	1	21.72	21.31	21.82	21.5±1.0
	CP-OFDM QPSK	1	1	24.70	24.68	24.75	24.5±1.0
	CP-OFDM 16QAM	1	1	24.12	23.94	24.12	23.5±1.0
	CP-OFDM 64QAM	1	1	22.60	22.77	22.72	22.5±1.0
	CP-OFDM 256QAM	1	1	19.78	19.73	19.88	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.42	26.51	26.40	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.23	26.21	26.31	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.31	26.41	26.47	26.0±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.15	26.40	26.30	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	26.46	26.41	26.31	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.15	26.27	26.19	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	26.24	26.49	26.37	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.52	26.35	26.49	26.0±1.0



N41 ANT 1 DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.46	13.38	13.28	13.0±1.0
		1	137	13.46	13.39	13.43	
		1	271	13.33	13.43	13.39	
		135	0	12.87	13.01	12.99	13.0±1.0
		135	69	13.56	13.32	13.35	
		135	138	12.96	12.90	12.92	
		270	0	12.95	12.92	12.79	12.5±1.0
	DFT-s-OFDM QPSK	1	1	13.47	13.59	13.48	13.0±1.0
		1	137	13.51	13.55	13.39	
		1	271	13.34	13.41	13.39	
		135	0	12.57	12.40	12.58	13.0±1.0
		135	69	13.49	13.46	13.42	
		135	138	12.47	12.50	12.34	
		270	0	12.48	12.42	12.45	12.0±1.0
	DFT-s-OFDM 16QAM	1	1	12.49	12.53	12.56	12.0±1.0
	DFT-s-OFDM 64QAM	1	1	10.89	10.91	10.63	10.5±1.0
	DFT-s-OFDM 256QAM	1	1	8.91	8.45	9.06	8.5±1.0
	CP-OFDM QPSK	1	1	11.90	11.84	11.95	11.5±1.0
	CP-OFDM 16QAM	1	1	11.32	11.15	11.27	11.0±1.0
	CP-OFDM 64QAM	1	1	9.76	9.98	9.94	9.5±1.0
	CP-OFDM 256QAM	1	1	6.98	6.84	7.12	6.5±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	13.67	13.71	13.59	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	13.45	13.40	13.48	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	13.41	13.66	13.66	13.0±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	13.39	13.58	13.47	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	13.70	13.60	13.50	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	13.40	13.46	13.44	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	13.39	13.62	13.59	13.0±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	13.66	13.53	13.68	13.0±1.0



N41 ANT 2 Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.26	23.19	23.16	23.0±1.0
		1	137	23.07	23.14	23.15	
		1	271	23.05	22.88	23.02	
		135	0	22.53	22.60	22.64	23.0±1.0
		135	69	23.14	23.17	23.20	
		135	138	22.49	22.60	22.55	
		270	0	22.69	22.75	22.57	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.27	23.20	23.24	23.0±1.0
		1	137	23.22	23.24	23.25	
		1	271	23.19	23.10	23.11	
		135	0	22.12	22.27	22.14	23.0±1.0
		135	69	23.12	23.21	23.20	
		135	138	22.25	22.24	22.21	
		270	0	22.24	22.10	22.15	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.14	22.01	21.99	21.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.77	20.79	20.69	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	18.66	18.53	18.55	18.0±1.0
	CP-OFDM QPSK	1	1	21.68	21.66	21.84	21.5±1.0
	CP-OFDM 16QAM	1	1	21.39	21.21	21.28	21.0±1.0
	CP-OFDM 64QAM	1	1	19.58	19.78	19.61	19.5±1.0
	CP-OFDM 256QAM	1	1	16.77	16.61	16.68	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	23.01	23.28	23.25	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	23.18	23.05	23.07	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	23.09	23.17	23.24	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	23.05	23.25	23.18	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	23.18	23.19	23.24	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	23.23	23.16	23.21	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.16	23.07	23.13	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.27	23.14	23.20	23.0±1.0



N41 ANT 2 DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	11.77	11.84	11.79	11.5±1.0
		1	137	11.57	11.71	11.82	
		1	271	11.57	11.45	11.56	
		135	0	11.08	11.21	11.22	11.5±1.0
		135	69	11.71	11.82	11.88	
		135	138	11.05	11.15	11.07	
		270	0	11.38	11.26	11.16	11.0±1.0
	DFT-s-OFDM QPSK	1	1	11.85	11.95	11.90	11.5±1.0
		1	137	11.85	11.83	11.91	
		1	271	11.74	11.70	11.69	
		135	0	10.68	10.90	10.67	11.5±1.0
		135	69	11.74	11.82	11.76	
		135	138	10.81	10.90	10.84	
		270	0	10.92	10.69	10.82	10.5±1.0
	DFT-s-OFDM 16QAM	1	1	10.66	10.58	10.55	10.0±1.0
	DFT-s-OFDM 64QAM	1	1	9.38	9.47	9.33	9.0±1.0
	DFT-s-OFDM 256QAM	1	1	7.29	7.08	7.23	7.0±1.0
	CP-OFDM QPSK	1	1	10.24	10.32	10.42	10.0±1.0
	CP-OFDM 16QAM	1	1	10.07	9.82	9.86	9.5±1.0
	CP-OFDM 64QAM	1	1	8.23	8.28	8.17	8.0±1.0
	CP-OFDM 256QAM	1	1	5.40	5.19	5.27	5.0±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	11.59	11.92	11.84	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	11.75	11.72	11.58	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	11.77	11.76	11.89	11.5±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	11.65	11.80	11.82	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	11.87	11.81	11.90	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	11.85	11.83	11.83	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	11.77	11.69	11.67	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	11.79	11.68	11.81	11.5±1.0



N41 ANT 3 Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.26	22.27	22.39	22.0±1.0
		1	137	22.38	22.49	22.36	
		1	271	22.16	22.36	22.27	
		135	0	22.07	22.24	22.27	22.0±1.0
		135	69	22.25	22.19	22.33	
		135	138	22.26	22.14	22.33	
		270	0	21.64	21.83	21.84	21.5±1.0
	DFT-s-OFDM QPSK	1	1	22.24	22.48	22.37	22.0±1.0
		1	137	22.45	22.51	22.37	
		1	271	22.38	22.27	22.19	
		135	0	22.22	22.27	22.22	22.0±1.0
		135	69	22.07	22.25	22.24	
		135	138	22.09	22.14	22.19	
		270	0	21.09	21.02	21.00	20.5±1.0
	DFT-s-OFDM 16QAM	1	1	20.95	20.83	20.71	20.5±1.0
	DFT-s-OFDM 64QAM	1	1	19.44	19.32	19.51	19.0±1.0
	DFT-s-OFDM 256QAM	1	1	17.62	17.48	17.40	17.0±1.0
	CP-OFDM QPSK	1	1	20.44	20.51	20.38	20.0±1.0
	CP-OFDM 16QAM	1	1	19.95	19.98	19.58	19.5±1.0
	CP-OFDM 64QAM	1	1	18.53	18.49	18.32	18.0±1.0
	CP-OFDM 256QAM	1	1	15.68	15.83	15.97	15.5±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	22.29	22.45	22.55	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	22.34	22.41	22.46	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	22.28	22.51	22.36	22.0±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	22.52	22.42	22.48	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	22.44	22.51	22.39	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	22.42	22.50	22.39	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	22.32	22.39	22.46	22.0±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	22.58	22.44	22.40	22.0±1.0



N41 ANT 3 DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	9.87	9.83	9.94	9.5±1.0
		1	137	9.93	10.11	10.01	
		1	271	9.75	10.01	9.84	
		135	0	9.69	9.93	9.80	9.5±1.0
		135	69	9.85	9.76	10.01	
		135	138	9.94	9.66	9.94	
		270	0	9.20	9.48	9.53	9.0±1.0
	DFT-s-OFDM QPSK	1	1	9.90	10.17	10.01	9.5±1.0
		1	137	10.11	10.14	9.99	
		1	271	9.89	9.79	9.83	
		135	0	9.81	9.87	9.82	9.5±1.0
		135	69	9.65	9.92	9.92	
		135	138	9.64	9.76	9.80	
		270	0	8.78	8.61	8.58	8.0±1.0
	DFT-s-OFDM 16QAM	1	1	8.46	8.36	8.23	8.0±1.0
	DFT-s-OFDM 64QAM	1	1	7.05	6.94	7.04	6.5±1.0
	DFT-s-OFDM 256QAM	1	1	5.17	5.14	4.97	4.5±1.0
	CP-OFDM QPSK	1	1	8.03	8.02	7.95	7.5±1.0
	CP-OFDM 16QAM	1	1	7.47	7.64	7.22	7.0±1.0
	CP-OFDM 64QAM	1	1	6.04	6.16	5.91	5.5±1.0
	CP-OFDM 256QAM	1	1	3.32	3.46	3.65	3.0±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	9.82	10.04	10.14	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	9.96	10.08	10.02	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	9.89	10.07	9.90	9.5±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	10.05	10.10	10.06	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	9.96	10.08	9.92	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	10.06	10.15	10.06	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	9.87	9.91	10.07	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	10.13	10.14	10.01	9.5±1.0



N41 ANT 4 Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	28.19	28.36	28.28	28.0±1.0
		1	137	28.32	28.24	28.29	
		1	271	28.20	28.16	28.13	
		135	0	27.70	27.65	27.69	28.0±1.0
		135	69	28.21	28.13	28.14	
		135	138	27.69	27.65	27.70	
		270	0	27.71	27.65	27.67	27.0±1.0
	DFT-s-OFDM QPSK	1	1	28.31	28.28	28.34	28.0±1.0
		1	137	28.23	28.27	28.29	
		1	271	28.29	28.14	28.20	
		135	0	27.27	27.20	27.40	28.0±1.0
		135	69	28.23	28.16	28.31	
		135	138	27.29	27.35	27.28	
		270	0	27.33	27.39	27.20	27.0±1.0
	DFT-s-OFDM 16QAM	1	1	27.00	27.07	27.18	26.5±1.0
	DFT-s-OFDM 64QAM	1	1	25.60	25.65	25.77	25.5±1.0
	DFT-s-OFDM 256QAM	1	1	23.60	23.76	23.59	23.5±1.0
	CP-OFDM QPSK	1	1	26.74	26.64	26.76	26.5±1.0
	CP-OFDM 16QAM	1	1	26.12	26.27	26.07	26.0±1.0
	CP-OFDM 64QAM	1	1	24.67	24.74	24.83	24.5±1.0
	CP-OFDM 256QAM	1	1	21.38	21.49	21.45	21.0±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	28.31	28.20	28.27	28.0±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	28.14	28.24	28.07	28.0±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	28.24	28.15	28.16	28.0±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	28.18	28.35	28.09	28.0±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	28.24	28.32	28.11	28.0±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	28.09	28.16	28.10	28.0±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	28.10	28.07	28.19	28.0±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	28.08	28.16	28.07	28.0±1.0



N41 ANT 4 DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	509202	518598	528000	Tune up
				2546.01 MHz	2592.99 MHz	2640.00 MHz	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.75	13.99	13.82	13.5±1.0
		1	137	13.85	13.77	13.90	
		1	271	13.79	13.67	13.68	
		135	0	13.24	13.29	13.20	13.5±1.0
		135	69	13.84	13.68	13.71	
		135	138	13.23	13.17	13.22	
		270	0	13.22	13.29	13.24	13.0±1.0
	DFT-s-OFDM QPSK	1	1	13.86	13.89	13.95	13.5±1.0
		1	137	13.78	13.86	13.91	
		1	271	13.94	13.67	13.74	
		135	0	12.81	12.81	12.99	13.5±1.0
		135	69	13.78	13.80	13.82	
		135	138	12.94	12.96	12.78	
		270	0	12.88	13.00	12.73	12.5±1.0
	DFT-s-OFDM 16QAM	1	1	12.64	12.66	12.78	12.5±1.0
	DFT-s-OFDM 64QAM	1	1	11.24	11.29	11.29	11.0±1.0
	DFT-s-OFDM 256QAM	1	1	9.13	9.28	9.21	9.0±1.0
	CP-OFDM QPSK	1	1	12.37	12.21	12.33	12.0.±1.0
	CP-OFDM 16QAM	1	1	11.63	11.80	11.63	11.5±1.0
	CP-OFDM 64QAM	1	1	10.28	10.32	10.44	10.0±1.0
	CP-OFDM 256QAM	1	1	6.90	7.05	6.99	6.5±1.0
Bandwidth	Modulation	RB size	RB offset	508200	518598	528996	Tune up
				2541.00 MHz	2592.99 MHz	2644.98 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	13.83	13.82	13.85	13.5±1.0
Bandwidth	Modulation	RB size	RB offset	507204	518598	529998	Tune up
				2536.02 MHz	2592.99 MHz	2649.99 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	13.77	13.79	13.61	13.5±1.0
Bandwidth	Modulation	RB size	RB offset	506202	518598	531000	Tune up
				2531.01 MHz	2592.99 MHz	2655.00 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	13.87	13.76	13.69	13.5±1.0



Bandwidth	Modulation	RB size	RB offset	505200	518598	531996	Tune up
				2526.00 MHz	2592.99 MHz	2659.98 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	13.77	13.92	13.71	13.5±1.0
Bandwidth	Modulation	RB size	RB offset	504204	518598	532998	Tune up
				2521.02 MHz	2592.99 MHz	2664.99 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	13.80	13.86	13.62	13.5±1.0
Bandwidth	Modulation	RB size	RB offset	503202	518598	534000	Tune up
				2516.01 MHz	2592.99 MHz	2670.00 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	13.65	13.73	13.74	13.5±1.0
Bandwidth	Modulation	RB size	RB offset	502200	518598	534996	Tune up
				2511.00 MHz	2592.99 MHz	2674.98 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	13.61	13.65	13.72	13.5±1.0
Bandwidth	Modulation	RB size	RB offset	501204	518598	535998	Tune up
				2506.02 MHz	2592.99 MHz	2679.99 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	13.67	13.78	13.70	13.5±1.0



N66 ANT 1 Full Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	346000	349000	352000	Tune up
				1730.0MHz	1745.0MHz	1760.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.19	23.26	23.22	23.0±1.0
		1	108	23.18	23.31	23.19	
		1	214	23.11	23.14	23.19	
		108	0	22.84	22.78	22.80	23.0±1.0
		108	54	23.25	23.21	23.29	
		108	108	22.70	22.66	22.67	
		216	0	22.61	22.73	22.69	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.27	23.34	23.29	23.0±1.0
		1	108	23.28	23.19	23.21	
		1	214	23.18	23.32	23.25	
		108	0	22.23	22.16	22.19	23.0±1.0
		108	54	23.18	23.27	23.09	
		108	108	22.19	22.12	22.14	
		216	0	22.26	22.23	22.20	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.05	21.89	21.91	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	20.13	20.15	19.79	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.57	18.53	18.37	18.0±1.0
	CP-OFDM QPSK	1	1	21.50	21.55	21.39	21.0±1.0
	CP-OFDM 16QAM	1	1	21.10	21.06	20.84	20.5±1.0
	CP-OFDM 64QAM	1	1	19.25	19.45	19.28	19.0±1.0
	CP-OFDM 256QAM	1	1	16.38	16.55	16.24	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	345000	349000	353000	Tune up
				1725.0MHz	1745.0MHz	1765.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.15	23.26	23.04	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	344500	349000	353500	Tune up
				1722.5MHz	1745.0MHz	1767.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	23.28	23.27	23.06	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	344000	349000	354000	Tune up
				1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.35	23.46	23.30	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	343500	349000	354500	Tune up
				1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.20	23.22	23.10	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	343000	349000	355000	Tune up
				1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.11	23.09	23.25	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	342500	349000	355500	Tune up
				1712.5MHz	1745.0MHz	1777.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.15	23.18	23.03	23.0±1.0



N66 ANT 1 DSI 1 Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	346000	349000	352000	Tune up
				1730.0MHz	1745.0MHz	1760.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.44	16.55	16.41	16.0±1.0
		1	108	16.42	16.54	16.35	
		1	214	16.39	16.32	16.47	
		108	0	16.07	15.93	15.99	16.0±1.0
		108	54	16.44	16.47	16.50	
		108	108	15.94	15.93	15.94	
		216	0	15.87	15.94	15.99	15.5±1.0
	DFT-s-OFDM QPSK	1	1	16.52	16.63	16.57	16.0±1.0
		1	108	16.45	16.44	16.50	
		1	214	16.44	16.58	16.45	
		108	0	15.40	15.33	15.37	16.0±1.0
		108	54	16.45	16.43	16.30	
		108	108	15.46	15.33	15.39	
		216	0	15.48	15.42	15.36	15.0±1.0
	DFT-s-OFDM 16QAM	1	1	15.34	15.12	15.13	15.0±1.0
	DFT-s-OFDM 64QAM	1	1	13.32	13.39	12.96	13.0±1.0
	DFT-s-OFDM 256QAM	1	1	11.72	11.82	11.52	11.5±1.0
	CP-OFDM QPSK	1	1	14.68	14.76	14.65	14.5±1.0
	CP-OFDM 16QAM	1	1	14.30	14.35	14.11	14.0±1.0
	CP-OFDM 64QAM	1	1	12.45	12.62	12.55	12.0±1.0
	CP-OFDM 256QAM	1	1	9.55	9.78	9.52	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	345000	349000	353000	Tune up
				1725.0MHz	1745.0MHz	1765.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	16.40	16.51	16.28	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	344500	349000	353500	Tune up
				1722.5MHz	1745.0MHz	1767.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	16.52	16.57	16.29	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	344000	349000	354000	Tune up
				1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	16.63	16.68	16.52	16.0±1.0



Bandwidth	Modulation	RB size	RB offset	343500	349000	354500	Tune up
				1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	16.36	16.46	16.31	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	343000	349000	355000	Tune up
				1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	16.32	16.36	16.44	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	342500	349000	355500	Tune up
				1712.5MHz	1745.0MHz	1777.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	16.44	16.36	16.25	16.0±1.0



N66 ANT 4 Full Power			Conducted Power(dBm)				
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	346000	349000	352000	Tune up
				1730.0MHz	1745.0MHz	1760.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.24	23.20	23.31	23.0±1.0
		1	108	23.27	23.24	23.19	
		1	214	23.19	23.22	23.13	
		108	0	22.65	22.75	22.71	23.0±1.0
		108	54	23.09	23.27	23.24	
		108	108	22.75	22.72	22.69	
		216	0	22.91	22.79	22.84	22.5±1.0
	DFT-s-OFDM QPSK	1	1	23.21	23.35	23.32	23.0±1.0
		1	108	23.28	23.39	23.37	
		1	214	23.22	23.25	23.29	
		108	0	22.32	22.22	22.27	23.0±1.0
		108	54	23.24	23.19	23.22	
		108	108	22.18	22.31	22.25	
		216	0	22.31	22.18	22.28	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	22.03	22.27	22.22	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	20.22	20.54	20.45	20.0±1.0
	DFT-s-OFDM 256QAM	1	1	18.79	18.88	18.73	18.5±1.0
	CP-OFDM QPSK	1	1	21.60	21.96	21.87	21.5±1.0
	CP-OFDM 16QAM	1	1	21.17	21.36	21.20	21.0±1.0
	CP-OFDM 64QAM	1	1	19.75	19.84	19.89	19.5±1.0
	CP-OFDM 256QAM	1	1	16.72	16.87	16.64	16.5±1.0
Bandwidth	Modulation	RB size	RB offset	345000	349000	353000	Tune up
				1725.0MHz	1745.0MHz	1765.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.29	23.22	23.34	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	344500	349000	353500	Tune up
				1722.5MHz	1745.0MHz	1767.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	23.21	23.27	23.15	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	344000	349000	354000	Tune up
				1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.26	23.41	23.17	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	343500	349000	354500	Tune up
				1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	23.18	23.22	23.13	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	343000	349000	355000	Tune up
				1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	23.20	23.29	23.19	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	342500	349000	355500	Tune up
				1712.5MHz	1745.0MHz	1777.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	23.22	23.36	23.23	23.0±1.0



N66 ANT 4 DSI 1 Power		Conducted Power(dBm)					
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	346000	349000	352000	Tune up
				1730.0MHz	1745.0MHz	1760.0MHz	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.25	16.27	16.45	16.0±1.0
		1	108	16.35	16.37	16.26	
		1	214	16.23	16.28	16.23	
		108	0	15.71	15.83	15.79	16.0±1.0
		108	54	16.18	16.35	16.31	
		108	108	15.85	15.73	15.84	
		216	0	15.96	15.81	15.88	15.5±1.0
	DFT-s-OFDM QPSK	1	1	16.23	16.45	16.34	16.0±1.0
		1	108	16.29	16.49	16.38	
		1	214	16.22	16.39	16.40	
		108	0	15.40	15.36	15.41	16.0±1.0
		108	54	16.31	16.32	16.25	
		108	108	15.20	15.32	15.34	
		216	0	15.46	15.32	15.34	15.0±1.0
	DFT-s-OFDM 16QAM	1	1	15.07	15.42	15.27	15.0±1.0
	DFT-s-OFDM 64QAM	1	1	13.30	13.62	13.49	13.0±1.0
	DFT-s-OFDM 256QAM	1	1	11.83	11.89	11.80	11.5±1.0
	CP-OFDM QPSK	1	1	14.67	15.09	14.96	14.5±1.0
	CP-OFDM 16QAM	1	1	14.21	14.50	14.27	14.0±1.0
	CP-OFDM 64QAM	1	1	12.85	12.87	13.01	12.5±1.0
	CP-OFDM 256QAM	1	1	9.75	9.91	9.68	9.5±1.0
Bandwidth	Modulation	RB size	RB offset	345000	349000	353000	Tune up
				1725.0MHz	1745.0MHz	1765.0MHz	
30MHz	DFT-s-OFDM QPSK	1	1	16.35	16.31	16.40	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	344500	349000	353500	Tune up
				1722.5MHz	1745.0MHz	1767.5MHz	
25MHz	DFT-s-OFDM QPSK	1	1	16.31	16.41	16.27	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	344000	349000	354000	Tune up
				1720.0MHz	1745.0MHz	1770.0MHz	
20MHz	DFT-s-OFDM QPSK	1	1	16.35	16.54	16.28	16.0±1.0



Bandwidth	Modulation	RB size	RB offset	343500	349000	354500	Tune up
				1717.5MHz	1745.0MHz	1772.5MHz	
15MHz	DFT-s-OFDM QPSK	1	1	16.30	16.35	16.21	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	343000	349000	355000	Tune up
				1715.0MHz	1745.0MHz	1775.0MHz	
10MHz	DFT-s-OFDM QPSK	1	1	16.32	16.39	16.23	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	342500	349000	355500	Tune up
				1712.5MHz	1745.0MHz	1777.5MHz	
5MHz	DFT-s-OFDM QPSK	1	1	16.32	16.45	16.26	16.0±1.0



N77 ANT 2(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.26	/	23.0±1.0
		1	137	/	23.27	/	
		1	271	/	23.18	/	
		135	0	/	22.87	/	23.0±1.0
		135	69	/	23.28	/	
		135	138	/	22.85	/	
		270	0	/	22.93	/	22.5±1.0
	DFT-s-OFDM QPSK	1	1	/	23.35	/	23.0±1.0
		1	137	/	23.38	/	
		1	271	/	23.41	/	
		135	0	/	22.36	/	23.0±1.0
		135	69	/	23.45	/	
		135	138	/	22.44	/	
		270	0	/	22.35	/	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	21.84	/	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	20.39	/	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	18.51	/	18.0±1.0
	CP-OFDM QPSK	1	1	/	21.80	/	21.5±1.0
	CP-OFDM 16QAM	1	1	/	21.01	/	20.5±1.0
	CP-OFDM 64QAM	1	1	/	19.42	/	19.0±1.0
	CP-OFDM 256QAM	1	1	/	16.44	/	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	23.25	23.32	23.18	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	23.38	23.27	23.24	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	23.15	23.28	23.34	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	23.40	23.26	23.27	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	23.10	23.27	23.18	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	23.26	23.24	23.33	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.22	23.08	23.27	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.21	23.17	23.39	23.0±1.0



N77 ANT 2(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s- OFDM PI/2 BPSK	1	1	/	11.98	/	11.5±1.0
		1	137	/	11.94	/	
		1	271	/	11.84	/	
		135	0	/	11.41	/	11.5±1.0
		135	69	/	11.80	/	
		135	138	/	11.53	/	
		270	0	/	11.57	/	11.0±1.0
	DFT-s- OFDM QPSK	1	1	/	12.06	/	11.5±1.0
		1	137	/	12.02	/	
		1	271	/	12.04	/	
		135	0	/	11.03	/	11.5±1.0
		135	69	/	12.01	/	
		135	138	/	10.95	/	
		270	0	/	10.87	/	10.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	10.46	/	10.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	9.04	/	8.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	7.22	/	18.0±1.0
	CP-OFDM QPSK	1	1	/	10.38	/	10.0±1.0
	CP-OFDM 16QAM	1	1	/	9.72	/	9.0±1.0
	CP-OFDM 64QAM	1	1	/	8.06	/	7.5±1.0
	CP-OFDM 256QAM	1	1	/	5.06	/	4.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	11.82	11.84	11.83	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	12.11	11.83	11.96	11.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	11.75	11.93	11.99	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	12.10	11.79	11.93	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	11.74	11.78	11.80	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	11.82	11.77	11.86	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	11.83	11.80	11.90	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	11.90	11.81	11.98	11.5±1.0



N77 ANT 3(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.90	/	23.5±1.0
		1	137	/	23.78	/	
		1	271	/	23.87	/	
		135	0	/	23.36	/	23.5±1.0
		135	69	/	23.85	/	
		135	138	/	23.42	/	
		270	0	/	23.35	/	23.0±1.0
	DFT-s-OFDM QPSK	1	1	/	23.92	/	23.5±1.0
		1	137	/	23.86	/	
		1	271	/	23.81	/	
		135	0	/	22.82	/	23.5±1.0
		135	69	/	23.87	/	
		135	138	/	22.91	/	
		270	0	/	22.94	/	22.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	22.58	/	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	21.10	/	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	19.31	/	19.0±1.0
	CP-OFDM QPSK	1	1	/	22.56	/	22.0±1.0
	CP-OFDM 16QAM	1	1	/	21.65	/	21.0±1.0
	CP-OFDM 64QAM	1	1	/	20.17	/	20.0±1.0
	CP-OFDM 256QAM	1	1	/	17.51	/	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	23.75	23.81	23.82	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	23.86	23.87	23.77	23.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	23.91	23.67	23.76	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	23.85	24.02	23.94	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	23.88	23.77	23.92	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	23.74	23.76	23.82	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.79	23.74	23.81	23.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.95	23.76	23.82	23.5±1.0



N77 ANT 3(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.02	/	11.5±1.0
		1	137	/	11.92	/	
		1	271	/	12.02	/	
		135	0	/	11.59	/	11.5±1.0
		135	69	/	11.99	/	
		135	138	/	11.55	/	
		270	0	/	11.47	/	11.0±1.0
	DFT-s-OFDM QPSK	1	1	/	12.09	/	11.5±1.0
		1	137	/	11.97	/	
		1	271	/	11.99	/	
		135	0	/	11.04	/	11.5±1.0
		135	69	/	12.05	/	
		135	138	/	11.12	/	
		270	0	/	11.10	/	10.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	10.70	/	10.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	9.28	/	9.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	7.53	/	7.0±1.0
	CP-OFDM QPSK	1	1	/	10.75	/	10.5±1.0
	CP-OFDM 16QAM	1	1	/	9.82	/	9.5±1.0
	CP-OFDM 64QAM	1	1	/	8.29	/	8.0±1.0
	CP-OFDM 256QAM	1	1	/	5.61	/	5.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	11.86	12.02	12.00	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	12.06	11.99	11.90	11.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	12.06	11.82	11.90	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	12.02	12.17	12.12	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	12.08	11.96	12.05	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	11.89	11.90	12.01	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	12.01	11.86	12.03	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	12.09	11.91	12.03	11.5±1.0



N77 ANT 4(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.52	/	23.0±1.0
		1	137	/	23.40	/	
		1	271	/	23.44	/	
		135	0	/	23.04	/	23.0±1.0
		135	69	/	23.47	/	
		135	138	/	22.95	/	
		270	0	/	23.00	/	22.5±1.0
	DFT-s-OFDM QPSK	1	1	/	23.58	/	23.0±1.0
		1	137	/	23.55	/	
		1	271	/	23.49	/	
		135	0	/	22.43	/	23.0±1.0
		135	69	/	23.45	/	
		135	138	/	22.40	/	
		270	0	/	22.52	/	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	22.39	/	22.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	21.00	/	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	19.14	/	19.0±1.0
	CP-OFDM QPSK	1	1	/	22.34	/	22.0±1.0
	CP-OFDM 16QAM	1	1	/	21.54	/	21.0±1.0
	CP-OFDM 64QAM	1	1	/	20.06	/	19.5±1.0
	CP-OFDM 256QAM	1	1	/	17.33	/	17.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	23.54	23.40	23.48	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	23.47	23.24	23.39	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	23.60	23.44	23.49	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	23.32	23.53	23.50	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	23.37	23.55	23.52	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	23.47	23.43	23.48	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.35	23.49	23.42	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.44	23.23	23.41	23.0±1.0



N77 ANT 4(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.86	/	12.5±1.0
		1	137	/	12.82	/	
		1	271	/	12.77	/	
		135	0	/	12.37	/	12.5±1.0
		135	69	/	12.87	/	
		135	138	/	12.30	/	
		270	0	/	12.40	/	12.0±1.0
	DFT-s-OFDM QPSK	1	1	/	12.94	/	12.5±1.0
		1	137	/	12.90	/	
		1	271	/	12.83	/	
		135	0	/	11.85	/	12.5±1.0
		135	69	/	12.83	/	
		135	138	/	11.80	/	
		270	0	/	11.94	/	11.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	11.71	/	11.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	10.32	/	10.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	8.46	/	8.0±1.0
	CP-OFDM QPSK	1	1	/	11.75	/	11.5±1.0
	CP-OFDM 16QAM	1	1	/	10.88	/	10.5±1.0
	CP-OFDM 64QAM	1	1	/	9.37	/	9.0±1.0
	CP-OFDM 256QAM	1	1	/	6.76	/	6.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	12.89	12.74	12.81	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	12.77	12.55	12.80	12.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	12.92	12.86	12.87	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	12.67	12.88	12.92	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	12.72	12.85	12.90	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	12.86	12.84	12.80	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	12.70	12.81	12.79	12.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	12.84	12.56	12.80	12.5±1.0



N77 ANT 10(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.27	/	23.0±1.0
		1	137	/	23.18	/	
		1	271	/	23.23	/	
		135	0	/	22.72	/	23.0±1.0
		135	69	/	23.19	/	
		135	138	/	22.69	/	
		270	0	/	22.64	/	22.0±1.0
	DFT-s-OFDM QPSK	1	1	/	23.36	/	23.0±1.0
		1	137	/	23.42	/	
		1	271	/	23.23	/	
		135	0	/	22.36	/	23.0±1.0
		135	69	/	23.22	/	
		135	138	/	22.24	/	
		270	0	/	22.26	/	22.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	22.14	/	21.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	20.88	/	20.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	18.77	/	18.5±1.0
	CP-OFDM QPSK	1	1	/	21.72	/	21.0±1.0
	CP-OFDM 16QAM	1	1	/	21.02	/	20.5±1.0
	CP-OFDM 64QAM	1	1	/	19.78	/	19.5±1.0
	CP-OFDM 256QAM	1	1	/	16.72	/	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	23.30	23.14	23.34	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	23.15	23.10	23.39	23.0±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	23.15	23.02	23.28	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	23.03	23.11	23.15	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	23.28	23.21	23.09	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	23.32	23.15	23.24	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	23.31	23.03	23.25	23.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.20	23.0±1.0



N77 ANT 10(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.80	/	11.5±1.0
		1	137	/	11.81	/	
		1	271	/	11.77	/	
		135	0	/	11.30	/	11.5±1.0
		135	69	/	11.76	/	
		135	138	/	11.30	/	
		270	0	/	11.20	/	11.0±1.0
	DFT-s-OFDM QPSK	1	1	/	11.97	/	11.5±1.0
		1	137	/	12.02	/	
		1	271	/	11.76	/	
		135	0	/	10.90	/	11.5±1.0
		135	69	/	11.75	/	
		135	138	/	10.79	/	
		270	0	/	10.78	/	10.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	10.70	/	10.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	9.45	/	9.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	7.39	/	7.0±1.0
	CP-OFDM QPSK	1	1	/	10.28	/	10.0±1.0
	CP-OFDM 16QAM	1	1	/	9.62	/	9.0±1.0
	CP-OFDM 64QAM	1	1	/	8.29	/	8.0±1.0
	CP-OFDM 256QAM	1	1	/	5.23	/	5.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	11.91	11.65	11.89	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	11.75	11.63	11.92	11.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	11.68	11.61	11.81	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	11.56	11.72	11.75	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01 MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	11.83	11.81	11.72	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	11.94	11.70	11.82	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	11.85	11.71	11.82	11.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	11.63	11.76	11.74	11.5±1.0



N78 ANT 2(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.25	/	26.0±1.0
		1	137	/	26.20	/	
		1	271	/	26.21	/	
		135	0	/	25.69	/	26.0±1.0
		135	69	/	26.20	/	
		135	138	/	25.72	/	
		270	0	/	25.73	/	25.5±1.0
	DFT-s-OFDM QPSK	1	1	/	26.34	/	26.0±1.0
		1	137	/	26.21	/	
		1	271	/	26.30	/	
		135	0	/	25.21	/	26.0±1.0
		135	69	/	26.28	/	
		135	138	/	25.23	/	
		270	0	/	25.33	/	25.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	25.40	/	25.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	24.37	/	24.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	21.79	/	21.5±1.0
	CP-OFDM QPSK	1	1	/	25.39	/	25.0±1.0
	CP-OFDM 16QAM	1	1	/	24.62	/	24.0±1.0
	CP-OFDM 64QAM	1	1	/	23.30	/	23.0±1.0
	CP-OFDM 256QAM	1	1	/	19.78	/	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.32	26.43	26.29	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.13	26.05	26.23	26.0±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.13	26.21	26.18	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.08	26.35	26.20	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	26.21	26.23	26.19	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.28	26.25	26.20	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	26.14	26.21	26.20	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.16	26.27	26.30	26.0±1.0



N78 ANT 2(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.90	/	17.5±1.0
		1	137	/	17.88	/	
		1	271	/	17.92	/	
		135	0	/	17.41	/	17.5±1.0
		135	69	/	17.80	/	
		135	138	/	17.44	/	
		270	0	/	17.32	/	17.0±1.0
	DFT-s-OFDM QPSK	1	1	/	17.96	/	17.5±1.0
		1	137	/	17.88	/	
		1	271	/	17.83	/	
		135	0	/	16.92	/	17.5±1.0
		135	69	/	17.81	/	
		135	138	/	16.76	/	
		270	0	/	16.88	/	16.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	17.08	/	16.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	16.07	/	15.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	13.36	/	13.0±1.0
	CP-OFDM QPSK	1	1	/	17.01	/	16.5±1.0
	CP-OFDM 16QAM	1	1	/	16.32	/	16.0±1.0
	CP-OFDM 64QAM	1	1	/	14.96	/	14.5±1.0
	CP-OFDM 256QAM	1	1	/	11.43	/	11.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	18.04	18.11	17.80	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	17.67	17.62	17.84	17.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	17.79	17.93	17.73	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	17.71	17.97	17.79	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	17.84	17.95	17.89	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	17.96	17.81	17.84	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	17.78	17.87	17.70	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	17.84	17.84	17.80	17.5±1.0



N78 ANT 3(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.95	/	26.5±1.0
		1	137	/	26.84	/	
		1	271	/	26.88	/	
		135	0	/	26.28	/	26.5±1.0
		135	69	/	26.81	/	
		135	138	/	26.35	/	
		270	0	/	26.32	/	26.0±1.0
	DFT-s-OFDM QPSK	1	1	/	26.99	/	26.5±1.0
		1	137	/	26.91	/	
		1	271	/	26.90	/	
		135	0	/	25.96	/	26.5±1.0
		135	69	/	26.84	/	
		135	138	/	25.85	/	
		270	0	/	25.97	/	25.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	25.66	/	25.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	24.57	/	24.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	21.94	/	21.5±1.0
	CP-OFDM QPSK	1	1	/	25.53	/	25.0±1.0
	CP-OFDM 16QAM	1	1	/	25.14	/	24.5±1.0
	CP-OFDM 64QAM	1	1	/	23.57	/	23.0±1.0
	CP-OFDM 256QAM	1	1	/	20.06	/	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.89	26.81	26.94	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.96	27.11	27.05	26.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.85	27.02	26.99	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.96	27.01	27.05	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	27.03	26.98	26.92	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.97	26.82	26.84	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	26.88	26.91	26.95	26.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.89	26.83	27.00	26.5±1.0



N78 ANT 3(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.13	/	18.5±1.0
		1	137	/	19.03	/	
		1	271	/	18.90	/	
		135	0	/	18.42	/	18.5±1.0
		135	69	/	18.89	/	
		135	138	/	18.52	/	
		270	0	/	18.43	/	18.0±1.0
	DFT-s-OFDM QPSK	1	1	/	19.17	/	18.5±1.0
		1	137	/	19.06	/	
		1	271	/	18.99	/	
		135	0	/	18.14	/	18.5±1.0
		135	69	/	18.89	/	
		135	138	/	18.05	/	
		270	0	/	18.04	/	17.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	17.69	/	17.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	16.71	/	16.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	13.94	/	13.5±1.0
	CP-OFDM QPSK	1	1	/	17.58	/	17.0±1.0
	CP-OFDM 16QAM	1	1	/	17.15	/	16.5±1.0
	CP-OFDM 64QAM	1	1	/	15.66	/	15.0±1.0
	CP-OFDM 256QAM	1	1	/	12.25	/	12.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	18.93	18.84	19.13	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	19.18	19.15	19.21	18.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.85	27.02	26.99	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	19.01	19.05	19.12	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	19.14	19.03	18.99	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	19.08	18.90	18.90	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	19.09	18.96	19.02	18.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	19.05	18.91	19.12	18.5±1.0



N78 ANT 4(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.47	/	26.0±1.0
		1	137	/	26.39	/	
		1	271	/	26.43	/	
		135	0	/	25.98	/	26.0±1.0
		135	69	/	26.44	/	
		135	138	/	26.04	/	
		270	0	/	26.00	/	25.5±1.0
	DFT-s-OFDM QPSK	1	1	/	26.57	/	26.0±1.0
		1	137	/	26.50	/	
		1	271	/	26.42	/	
		135	0	/	25.41	/	26.0±1.0
		135	69	/	26.48	/	
		135	138	/	25.63	/	
		270	0	/	25.49	/	25.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	25.26	/	25.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	24.24	/	24.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	21.64	/	21.0±1.0
	CP-OFDM QPSK	1	1	/	25.14	/	24.5±1.0
	CP-OFDM 16QAM	1	1	/	24.39	/	24.0±1.0
	CP-OFDM 64QAM	1	1	/	23.27	/	23.0±1.0
	CP-OFDM 256QAM	1	1	/	19.75	/	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.38	26.47	26.24	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.44	26.29	26.41	26.0±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.34	26.47	26.33	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.47	26.40	26.33	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	26.50	26.51	26.48	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.55	26.54	26.40	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	26.22	26.35	26.30	26.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.35	26.50	26.42	26.0±1.0



N78 ANT 4(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.95	/	17.5±1.0
		1	137	/	17.84	/	
		1	271	/	17.84	/	
		135	0	/	17.40	/	17.5±1.0
		135	69	/	17.86	/	
		135	138	/	17.45	/	
		270	0	/	17.45	/	17.0±1.0
	DFT-s-OFDM QPSK	1	1	/	17.97	/	17.5±1.0
		1	137	/	17.91	/	
		1	271	/	17.97	/	
		135	0	/	16.91	/	17.5±1.0
		135	69	/	17.91	/	
		135	138	/	17.20	/	
		270	0	/	17.02	/	16.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	16.69	/	16.0±1.0
	DFT-s-OFDM 64QAM	1	1	/	15.82	/	15.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	13.18	/	12.5±1.0
	CP-OFDM QPSK	1	1	/	16.67	/	16.0±1.0
	CP-OFDM 16QAM	1	1	/	15.90	/	15.5±1.0
	CP-OFDM 64QAM	1	1	/	14.77	/	14.5±1.0
	CP-OFDM 256QAM	1	1	/	11.34	/	11.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	17.88	17.89	17.74	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	17.89	17.79	17.86	17.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	17.77	17.94	17.85	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	18.05	17.94	17.73	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	18.08	18.02	17.93	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	18.08	18.04	17.85	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	17.70	17.85	17.83	17.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	17.81	17.93	17.92	17.5±1.0



N78 ANT 10(3450MHz-3550MHz) Full power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.08	/	25.5±1.0
		1	137	/	25.96	/	
		1	271	/	26.00	/	
		135	0	/	25.60	/	25.5±1.0
		135	69	/	26.03	/	
		135	138	/	25.51	/	
		270	0	/	25.56	/	25.0±1.0
	DFT-s-OFDM QPSK	1	1	/	26.14	/	25.5±1.0
		1	137	/	26.11	/	
		1	271	/	26.05	/	
		135	0	/	24.99	/	25.5±1.0
		135	69	/	26.01	/	
		135	138	/	24.96	/	
		270	0	/	25.08	/	24.5±1.0
	DFT-s-OFDM 16QAM	1	1	/	24.95	/	24.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	23.56	/	23.0±1.0
	DFT-s-OFDM 256QAM	1	1	/	21.70	/	21.0±1.0
	CP-OFDM QPSK	1	1	/	24.90	/	24.5±1.0
	CP-OFDM 16QAM	1	1	/	24.10	/	23.5±1.0
	CP-OFDM 64QAM	1	1	/	22.62	/	22.0±1.0
	CP-OFDM 256QAM	1	1	/	19.89	/	19.5±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	26.10	25.96	26.04	25.5±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	26.03	26.20	25.95	25.5±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	26.16	26.00	26.05	25.5±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	26.08	26.09	26.06	25.5±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	25.93	26.11	26.08	25.5±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	26.03	25.99	26.04	25.5±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	25.91	26.05	25.98	25.5±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	26.00	25.89	25.97	25.5±1.0



N78 ANT 10(3450MHz-3550MHz) DSI 1 power		Conducted Power(dBm)					
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	/	633334	/	Tune up
				/	3500.01 MHz	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.42	/	16.0±1.0
		1	137	/	16.12	/	
		1	271	/	16.46	/	
		135	0	/	16.07	/	16.0±1.0
		135	69	/	16.14	/	
		135	138	/	16.05	/	
		270	0	/	15.83	/	15.5±1.0
	DFT-s-OFDM QPSK	1	1	/	16.59	/	16.0±1.0
		1	137	/	16.37	/	
		1	271	/	16.38	/	
		135	0	/	15.27	/	16.0±1.0
		135	69	/	16.51	/	
		135	138	/	15.27	/	
		270	0	/	15.35	/	15.0±1.0
	DFT-s-OFDM 16QAM	1	1	/	15.16	/	14.5±1.0
	DFT-s-OFDM 64QAM	1	1	/	13.87	/	13.5±1.0
	DFT-s-OFDM 256QAM	1	1	/	12.06	/	11.5±1.0
	CP-OFDM QPSK	1	1	/	15.12	/	14.5±1.0
	CP-OFDM 16QAM	1	1	/	14.20	/	13.5±1.0
	CP-OFDM 64QAM	1	1	/	12.83	/	12.5±1.0
	CP-OFDM 256QAM	1	1	/	10.28	/	10.0±1.0
Bandwidth	Modulation	RB size	RB offset	633000	633334	633666	Tune up
				3495.00 MHz	3500.01 MHz	3504.99 MHz	
90MHz	DFT-s-OFDM QPSK	1	1	16.45	16.31	16.15	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	632668	633334	634000	Tune up
				3490.02 MHz	3500.01 MHz	3510.00 MHz	
80MHz	DFT-s-OFDM QPSK	1	1	16.28	16.40	16.43	16.0±1.0



Bandwidth	Modulation	RB size	RB offset	632334	633334	634332	Tune up
				3485.01 MHz	3500.01 MHz	3514.98 MHz	
70MHz	DFT-s-OFDM QPSK	1	1	16.56	16.44	16.44	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	632000	633334	634666	Tune up
				3480.00 MHz	3500.01 MHz	3519.99 MHz	
60MHz	DFT-s-OFDM QPSK	1	1	16.65	16.47	16.45	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	631668	633334	635000	Tune up
				3475.02 MHz	3500.01MHz	3525.00 MHz	
50MHz	DFT-s-OFDM QPSK	1	1	16.36	16.34	16.21	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	631334	633334	635332	Tune up
				3470.01 MHz	3500.01 MHz	3529.98 MHz	
40MHz	DFT-s-OFDM QPSK	1	1	16.31	16.18	16.33	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	631000	633334	635666	Tune up
				3465.00 MHz	3500.01 MHz	3534.99 MHz	
30MHz	DFT-s-OFDM QPSK	1	1	16.29	16.42	16.18	16.0±1.0
Bandwidth	Modulation	RB size	RB offset	630668	633334	636000	Tune up
				3460.02 MHz	3500.01 MHz	3540.00 MHz	
20MHz	DFT-s-OFDM QPSK	1	1	16.39	16.30	16.43	16.0±1.0

**BT:**

BT				
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_7 Output Power (dBm)
GFSK(1Mbps)	0	2402	16.13	15.23
	39	2441	16.59	15.11
	78	2480	15.58	14.17
$\pi/4$ -QPSK(2Mbps)	0	2402	13.59	14.58
	39	2441	14.96	14.76
	78	2480	13.42	13.39
8DPSK(3Mbps)	0	2402	14.06	15.14
	39	2441	15.44	15.20
	78	2480	13.94	13.79

BLE:

BLE				
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_7 Output Power (dBm)
GFSK(1Mbps)	0	2402	18.48	18.84
	19	2440	19.36	19.39
	39	2480	17.54	17.93
GFSK(2Mbps)	0	2402	18.35	18.71
	19	2440	19.28	19.43
	39	2480	17.43	17.78



2.4GWIFI					
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_7 Output Power (dBm)	ANT_6+7 Output Power (dBm)
802.11b	1	2412	18.04	18.17	NA
	6	2437	18.43	18.29	NA
	11	2462	18.22	18.36	NA
802.11g	1	2412	17.08	17.05	NA
	6	2437	17.38	17.22	NA
	11	2462	17.24	17.24	NA
802.11n20	1	2412	16.57	16.44	16.54
	6	2437	16.87	16.68	16.69
	11	2462	16.69	16.61	16.68
802.11 n40	3	2422	15.95	15.85	16.29
	6	2437	16.17	15.97	16.37
	9	2452	16.08	15.98	16.38
802.11ax20	1	2412	16.59	16.43	16.52
	6	2437	16.86	16.68	16.72
	11	2462	16.73	16.67	16.72
802.11ax40	3	2422	15.87	15.79	16.15
	6	2437	16.09	15.89	16.24
	9	2452	15.78	15.91	16.29



WIFI 5G U-NII-1					
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_8 Output Power (dBm)	ANT_6+8 Output Power (dBm)
802.11a	36	5180	17.52	17.38	N/A
	40	5200	17.49	17.20	N/A
	48	5240	17.53	17.09	N/A
802.11 n20	36	5180	16.21	16.38	16.58
	40	5200	16.31	16.35	16.46
	48	5240	16.38	16.25	16.41
802.11 n40	38	5190	15.11	15.46	15.29
	46	5230	15.33	15.39	15.39
802.11 ac20	36	5180	16.33	16.32	16.11
	40	5200	16.33	16.33	16.11
	48	5240	16.41	16.12	16.11
802.11 ac40	38	5190	15.08	15.55	15.42
	46	5230	15.27	15.34	15.39
802.11 ac80	42	5210	15.44	15.29	15.52
802.11 ax20	36	5180	16.36	16.47	16.06
	40	5200	16.14	16.42	16.07
	48	5240	16.33	16.19	16.10
802.11 ax40	38	5190	15.11	15.42	15.31
	46	5230	15.13	15.41	15.38
802.11 ax80	42	5210	15.35	15.30	15.55



WIFI 5G U-NII-2A					
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_8 Output Power (dBm)	ANT_6+8 Output Power (dBm)
802.11a	52	5260	17.48	17.04	N/A
	60	5300	17.36	17.15	N/A
	64	5320	17.28	16.98	N/A
802.11 n20	52	5260	16.33	16.26	16.43
	60	5300	16.22	16.13	16.34
	64	5320	16.01	16.35	16.17
802.11 n40	54	5270	15.33	15.35	15.44
	62	5310	15.26	15.30	15.32
802.11 ac20	52	5260	16.50	16.25	16.12
	60	5300	16.27	16.13	16.04
	64	5320	16.10	16.37	15.85
802.11 ac40	54	5270	15.38	15.38	15.39
	62	5310	15.22	15.28	15.32
802.11 ac80	58	5290	15.37	15.57	15.61
802.11 ac160	50	5250	12.90	12.77	13.07
802.11 ax20	52	5260	16.37	16.28	16.07
	60	5300	16.16	16.15	16.29
	64	5320	16.07	16.40	15.78
802.11 ax40	54	5270	15.20	15.30	15.42
	62	5310	15.05	15.23	15.26
802.11 ax80	58	5290	15.31	15.43	15.58
802.11 ax160	50	5250	12.57	12.39	12.72



WIFI 5G U-NII-2C					
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_8 Output Power (dBm)	ANT_6+8 Output Power (dBm)
802.11a	100	5500	17.56	17.54	N/A
	116	5580	17.78	17.88	N/A
	140	5700	17.14	17.48	N/A
802.11 n20	100	5500	16.20	16.30	16.61
	116	5580	16.61	16.65	16.78
	140	5700	16.57	16.30	15.77
802.11 n40	102	5510	15.67	15.66	15.79
	110	5550	15.66	15.60	16.10
	134	5670	15.16	15.48	16.41
802.11 ac20	100	5500	16.35	16.32	15.78
	116	5580	16.51	16.49	15.79
	140	5700	16.42	16.25	16.38
802.11 ac40	102	5510	15.61	15.59	15.75
	110	5550	15.62	15.73	16.14
	134	5670	15.11	15.38	16.46
802.11 ac80	106	5530	15.80	15.79	15.67
	122	5610	15.65	15.52	15.75
802.11 ac160	114	5570	15.69	15.44	15.98
802.11 ax20	100	5500	15.69	16.36	15.88
	116	5580	16.33	16.71	16.61
	140	5700	16.56	16.30	16.78
802.11 ax40	102	5510	16.41	15.59	15.77
	110	5550	15.59	15.66	15.79
	134	5670	15.61	15.39	16.10
802.11 ax80	106	5530	15.00	15.88	16.41
	122	5610	15.73	15.58	15.78
802.11 ax160	114	5570	15.58	15.71	15.79



WIFI 5G U-NII-3					
Mode	Channel Number	Frequency (MHz)	ANT_6 Output Power (dBm)	ANT_8 Output Power (dBm)	ANT_6+8 Output Power (dBm)
802.11a	149	5745	17.35	17.54	N/A
	157	5785	17.43	17.34	N/A
	165	5825	17.72	17.60	N/A
802.11 n20	149	5745	16.28	16.37	16.67
	157	5785	16.29	16.24	16.77
	165	5825	16.65	16.41	16.97
802.11 n40	151	5755	15.06	15.32	15.61
	159	5795	15.03	15.36	15.65
802.11 ac20	149	5745	16.15	16.17	16.45
	157	5785	16.24	16.22	16.31
	165	5825	16.65	16.39	16.61
802.11 ac40	151	5755	15.00	15.31	15.57
	159	5795	15.08	15.36	15.64
802.11 ac80	155	5775	15.06	15.30	15.81
802.11 ax20	149	5745	16.13	16.30	16.27
	157	5785	16.15	16.22	16.64
	165	5825	16.63	16.49	16.89
802.11 ax40	151	5755	15.39	15.22	15.56
	159	5795	15.40	15.36	15.64
802.11 ax80	155	5775	15.08	15.18	15.86

NFC Conducted Power

Frequency (MHz)	NFC Output Power(dBm)
	ASK
13.56	-84.80

Note:

- Per KDB 447498 D04v01 section 2.1.2: 1-mW(0dB) Test Exemption, SAR test for NFC is not required.



11. SAR Result Summary

SAR Result of GSM 850 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3									
GPRS (GMSK, 4-Slot)	Right Cheek	824.2	0.073	2.78	23.00	22.37	1.156	0.084	/
	Right Tilt	824.2	0.033	-0.57	23.00	22.37	1.156	0.038	/
	Left Cheek	824.2	0.078	3.58	23.00	22.37	1.156	0.090	/
	Left Tilt	824.2	0.046	-2.43	23.00	22.37	1.156	0.053	/
Sensor on/Reduced Power DSI 1 for ANT 5									
GPRS (GMSK, 4-Slot)	Right Cheek	836.6	0.220	1.08	23.50	23.09	1.099	0.242	/
	Right Tilt	836.6	0.092	-0.19	23.50	23.09	1.099	0.101	/
	Left Cheek	836.6	0.389	-3.00	23.50	23.09	1.099	0.428	1
	Left Tilt	836.6	0.101	2.35	23.50	23.09	1.099	0.111	/
SAR Result of GSM 850 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3									
GPRS (GMSK, 4-Slot)	Front Side	824.2	0.163	-0.59	23.00	22.37	1.156	0.188	/
	Back Side	824.2	0.229	0.79	23.00	22.37	1.156	0.265	/
	Left Side	824.2	0.173	-1.64	23.00	22.37	1.156	0.200	/
	Bottom Side	824.2	0.110	0.12	23.00	22.37	1.156	0.127	/
Sensor on/Reduced Power DSI 1 for ANT 5									
GPRS (GMSK, 4-Slot)	Front Side	836.6	0.223	3.69	23.50	23.09	1.099	0.245	/
	Back Side	836.6	0.305	0.54	23.50	23.09	1.099	0.335	/
	Right Side	836.6	0.375	0.66	23.50	23.09	1.099	0.412	2
SAR Result of GSM1900 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1									
GPRS (GMSK, 4-Slot)	Right Cheek	1880.0	0.421	-0.97	18.50	17.91	1.146	0.483	3
	Right Tilt	1880.0	0.133	0.33	18.50	17.91	1.146	0.152	/
	Left Cheek	1880.0	0.274	0.89	18.50	17.91	1.146	0.314	/
	Left Tilt	1880.0	0.082	0.70	18.50	17.91	1.146	0.094	/
Sensor on/Reduced Power DSI 1 for ANT 4									
GPRS	Right Cheek	1850.2	0.058	0.23	21.00	20.73	1.064	0.062	/



(GMSK, 4-Slot)	Right Tilt	1850.2	0.024	1.80	21.00	20.73	1.064	0.026	/
	Left Cheek	1850.2	0.064	-1.93	21.00	20.73	1.064	0.068	/
	Left Tilt	1850.2	0.030	-0.76	21.00	20.73	1.064	0.032	/
SAR Result of GSM1900 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1									
GPRS (GMSK, 4-Slot)	Front Side	1880.0	0.184	-2.84	18.50	17.91	1.146	0.211	/
	Back Side	1880.0	0.227	-3.90	18.50	17.91	1.146	0.260	/
	Left Side	1880.0	0.146	0.67	18.50	17.91	1.146	0.167	/
	Top Side	1880.0	0.063	-0.14	18.50	17.91	1.146	0.072	/
Sensor on/Reduced Power DSI 1 for ANT 4									
GPRS (GMSK, 4-Slot)	Front Side	1850.2	0.167	-0.28	21.00	20.73	1.064	0.178	/
	Back Side	1850.2	0.122	1.30	21.00	20.73	1.064	0.130	/
	Right Side	1850.2	0.089	2.61	21.00	20.73	1.064	0.095	/
	Bottom Side	1850.2	0.268	-1.06	21.00	20.73	1.064	0.285	4

SAR Result of WCDMA Band 2 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1									
RMC	Right Cheek	1907.6	0.193	-1.54	18.50	18.27	1.054	0.203	5
	Right Tilt	1907.6	0.086	-0.31	18.50	18.27	1.054	0.091	/
	Left Cheek	1907.6	0.108	2.63	18.50	18.27	1.054	0.114	/
	Left Tilt	1907.6	0.045	-0.95	18.50	18.27	1.054	0.047	/
Sensor on/Reduced Power DSI 1 for ANT 4									
RMC	Right Cheek	1852.4	0.077	0.15	17.00	16.53	1.114	0.086	/
	Right Tilt	1852.4	0.031	1.39	17.00	16.53	1.114	0.035	/
	Left Cheek	1852.4	0.069	-4.17	17.00	16.53	1.114	0.077	/
	Left Tilt	1852.4	0.013	-1.89	17.00	16.53	1.114	0.014	/
SAR Result of WCDMA Band 2 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1									
RMC	Front Side	1907.6	0.098	-2.62	18.50	18.27	1.054	0.103	/
	Back Side	1907.6	0.124	1.52	18.50	18.27	1.054	0.131	/
	Left Side	1907.6	0.059	0.06	18.50	18.27	1.054	0.062	/
	Top Side	1907.6	0.028	-3.52	18.50	18.27	1.054	0.030	/



Sensor on/Reduced Power DSI 1 for ANT 4									
RMC	Front Side	1852.4	0.237	1.15	17.00	16.53	1.114	0.264	/
	Back Side	1852.4	0.399	4.10	17.00	16.53	1.114	0.444	/
	Right Side	1852.4	0.175	-0.37	17.00	16.53	1.114	0.195	/
	Bottom Side	1852.4	0.585	-3.78	17.00	16.53	1.114	0.652	6

SAR Result of WCDMA Band 4 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1									
RMC	Right Cheek	1712.4	0.214	2.60	19.00	18.28	1.180	0.253	7
	Right Tilt	1712.4	0.092	-1.51	19.00	18.28	1.180	0.109	/
	Left Cheek	1712.4	0.138	0.41	19.00	18.28	1.180	0.163	/
	Left Tilt	1712.4	0.054	0.96	19.00	18.28	1.180	0.064	/
Sensor on/Reduced Power DSI 1 for ANT 4									
RMC	Right Cheek	1732.4	0.094	-2.98	19.00	18.32	1.169	0.110	/
	Right Tilt	1732.4	0.038	1.74	19.00	18.32	1.169	0.044	/
	Left Cheek	1732.4	0.084	2.05	19.00	18.32	1.169	0.098	/
	Left Tilt	1732.4	0.016	3.12	19.00	18.32	1.169	0.019	/
SAR Result of WCDMA Band 4 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1									
RMC	Front Side	1712.4	0.083	-0.40	19.00	18.28	1.180	0.098	/
	Back Side	1712.4	0.104	3.19	19.00	18.28	1.180	0.123	/
	Left Side	1712.4	0.076	1.31	19.00	18.28	1.180	0.090	/
	Top Side	1712.4	0.030	0.12	19.00	18.28	1.180	0.035	/
Sensor on/Reduced Power DSI 1 for ANT 4									
RMC	Front Side	1732.4	0.259	0.98	19.00	18.32	1.169	0.303	/
	Back Side	1732.4	0.307	1.17	19.00	18.32	1.169	0.359	/
	Right Side	1732.4	0.091	-3.49	19.00	18.32	1.169	0.106	/
	Bottom Side	1732.4	0.412	0.62	19.00	18.32	1.169	0.482	8

SAR Result of WCDMA Band 5 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3									
RMC	Right Cheek	826.4	0.018	-2.32	20.00	19.45	1.135	0.020	/



	Right Tilt	826.4	0.010	0.73	20.00	19.45	1.135	0.011	/
	Left Cheek	826.4	0.017	-1.34	20.00	19.45	1.135	0.019	/
	Left Tilt	826.4	0.009	2.17	20.00	19.45	1.135	0.010	/
Sensor on/Reduced Power DSI 1 for ANT 5									
RMC	Right Cheek	826.4	0.295	3.13	20.00	19.39	1.151	0.340	/
	Right Tilt	826.4	0.115	2.06	20.00	19.39	1.151	0.132	/
	Left Cheek	826.4	0.425	0.32	20.00	19.39	1.151	0.489	9
	Left Tilt	826.4	0.152	-0.72	20.00	19.39	1.151	0.175	/
SAR Result of WCDMA Band 5 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3									
RMC	Front Side	826.4	0.076	2.74	20.00	19.45	1.135	0.086	/
	Back Side	826.4	0.103	-1.94	20.00	19.45	1.135	0.117	/
	Left Side	826.4	0.065	0.43	20.00	19.45	1.135	0.074	/
	Top Side	826.4	0.035	1.10	20.00	19.45	1.135	0.040	/
Sensor on/Reduced Power DSI 1 for ANT 5									
RMC	Front Side	826.4	0.229	-0.80	20.00	19.39	1.151	0.264	/
	Back Side	826.4	0.260	-1.02	20.00	19.39	1.151	0.299	/
	Right Side	826.4	0.459	3.37	20.00	19.39	1.151	0.528	10

SAR Result of LTE Band 2 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
20M	QPSK	1	49	Right Cheek	1900.0	0.480	2.95	19.00	18.55	1.109	0.532	11
		1	49	Right Tilt	1900.0	0.209	-1.75	19.00	18.55	1.109	0.232	/
		1	49	Left Cheek	1900.0	0.375	-0.54	19.00	18.55	1.109	0.416	/
		1	49	Left Tilt	1900.0	0.137	0.19	19.00	18.55	1.109	0.152	/
		50	24	Right Cheek	1900.0	0.428	-0.99	18.00	17.52	1.117	0.478	/
		50	24	Right Tilt	1900.0	0.188	2.05	18.00	17.52	1.117	0.210	/
		50	24	Left Cheek	1900.0	0.354	-3.25	18.00	17.52	1.117	0.395	/
		50	24	Left Tilt	1900.0	0.119	0.62	18.00	17.52	1.117	0.133	/
Sensor on/Reduced Power DSI 1 for ANT 4												
20M	QPSK	1	49	Right Cheek	1860.0	0.073	-3.47	19.00	18.29	1.178	0.086	/
		1	49	Right Tilt	1860.0	0.030	3.82	19.00	18.29	1.178	0.035	/
		1	49	Left Cheek	1860.0	0.067	0.09	19.00	18.29	1.178	0.079	/
		1	49	Left Tilt	1860.0	0.024	2.68	19.00	18.29	1.178	0.028	/



		50	24	Right Cheek	1860.0	0.066	0.41	18.00	17.36	1.159	0.076	/
		50	24	Right Tilt	1860.0	0.025	-1.25	18.00	17.36	1.159	0.029	/
		50	24	Left Cheek	1860.0	0.060	1.44	18.00	17.36	1.159	0.070	/
		50	24	Left Tilt	1860.0	0.021	-1.89	18.00	17.36	1.159	0.024	/

SAR Result of LTE Band 2 Body & Hotspot Test Data(10mm)

BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
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Sensor on/Reduced Power DSI 1 for ANT 1

20M	QPSK	1	49	Front Side	1900.0	0.272	-3.80	19.00	18.55	1.109	0.302	/
		1	49	Back Side	1900.0	0.168	-4.12	19.00	18.55	1.109	0.186	/
		1	49	Left Side	1900.0	0.127	1.54	19.00	18.55	1.109	0.141	/
		1	49	Top Side	1900.0	0.053	0.54	19.00	18.55	1.109	0.059	/
		50	24	Front Side	1900.0	0.205	-0.37	18.00	17.52	1.117	0.229	/
		50	24	Back Side	1900.0	0.126	2.72	18.00	17.52	1.117	0.141	/
		50	24	Left Side	1900.0	0.104	-1.65	18.00	17.52	1.117	0.116	/
		50	24	Top Side	1900.0	0.042	-0.58	18.00	17.52	1.117	0.047	/

Sensor on/Reduced Power DSI 1 for ANT 4

20M	QPSK	1	49	Front Side	1860.0	0.259	0.25	19.00	18.29	1.178	0.305	/
		1	49	Back Side	1860.0	0.350	-3.38	19.00	18.29	1.178	0.412	/
		1	49	Right Side	1860.0	0.114	1.24	19.00	18.29	1.178	0.134	/
		1	49	Bottom Side	1860.0	0.420	-2.09	19.00	18.29	1.178	0.495	12
		50	24	Front Side	1860.0	0.212	0.33	18.00	17.36	1.159	0.246	/
		50	24	Back Side	1860.0	0.309	-0.35	18.00	17.36	1.159	0.358	/
		50	24	Right Side	1860.0	0.095	-4.17	18.00	17.36	1.159	0.110	/
		50	24	Bottom Side	1860.0	0.371	2.85	18.00	17.36	1.159	0.430	/

SAR Result of LTE Band 5 Head Test Data(0mm)

BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
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Sensor on/Reduced Power DSI 1 for ANT 3

20M	QPSK	1	24	Right Cheek	829.0	0.054	2.40	19.00	18.36	1.159	0.063	/
		1	24	Right Tilt	829.0	0.022	1.14	19.00	18.36	1.159	0.025	/
		1	24	Left Cheek	829.0	0.048	-1.05	19.00	18.36	1.159	0.056	/
		1	24	Left Tilt	829.0	0.019	-0.43	19.00	18.36	1.159	0.022	/
		25	24	Right Cheek	829.0	0.048	-2.05	18.00	17.32	1.169	0.056	/
		25	24	Right Tilt	829.0	0.019	0.05	18.00	17.32	1.169	0.022	/
		25	24	Left Cheek	829.0	0.042	2.78	18.00	17.32	1.169	0.049	/



		25	24	Left Tilt	829.0	0.017	-1.88	18.00	17.32	1.169	0.020	/
Sensor on/Reduced Power DSI 1 for ANT 5												
20M	QPSK	1	0	Right Cheek	829.0	0.339	-2.83	19.00	18.37	1.156	0.392	/
		1	0	Right Tilt	829.0	0.123	-0.51	19.00	18.37	1.156	0.142	/
		1	0	Left Cheek	829.0	0.415	0.95	19.00	18.37	1.156	0.480	13
		1	0	Left Tilt	829.0	0.159	-1.52	19.00	18.37	1.156	0.184	/
		25	12	Right Cheek	829.0	0.304	-0.60	18.00	17.31	1.172	0.356	/
		25	12	Right Tilt	829.0	0.106	-4.16	18.00	17.31	1.172	0.124	/
		25	12	Left Cheek	829.0	0.362	0.57	18.00	17.31	1.172	0.424	/
		25	12	Left Tilt	829.0	0.140	2.97	18.00	17.31	1.172	0.164	/
SAR Result of LTE Band 5 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3												
20M	QPSK	1	24	Front Side	829.0	0.123	3.08	19.00	18.36	1.159	0.143	/
		1	24	Back Side	829.0	0.117	-3.60	19.00	18.36	1.159	0.136	/
		1	24	Left Side	829.0	0.105	2.98	19.00	18.36	1.159	0.122	/
		1	24	Bottom Side	829.0	0.055	-3.28	19.00	18.36	1.159	0.064	/
		25	24	Front Side	829.0	0.108	-0.46	18.00	17.32	1.169	0.126	/
		25	24	Back Side	829.0	0.104	-2.60	18.00	17.32	1.169	0.122	/
		25	24	Left Side	829.0	0.092	-0.19	18.00	17.32	1.169	0.108	/
		25	24	Bottom Side	829.0	0.047	1.16	18.00	17.32	1.169	0.055	/
Sensor on/Reduced Power DSI 1 for ANT 5												
20M	QPSK	1	0	Front Side	829.0	0.358	0.48	19.00	18.37	1.156	0.414	/
		1	0	Back Side	829.0	0.317	-3.00	19.00	18.37	1.156	0.366	/
		1	0	Right Side	829.0	0.518	0.39	19.00	18.37	1.156	0.599	14
		25	12	Front Side	829.0	0.310	-1.17	18.00	17.31	1.172	0.363	/
		25	12	Back Side	829.0	0.282	-3.30	18.00	17.31	1.172	0.331	/
		25	12	Right Side	829.0	0.451	1.31	18.00	17.31	1.172	0.529	/

SAR Result of LTE Band 7 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
20M	QPSK	1	0	Right Cheek	2535.0	0.493	1.82	16.00	15.53	1.114	0.549	15
		1	0	Right Tilt	2535.0	0.304	-3.98	16.00	15.53	1.114	0.339	/
		1	0	Left Cheek	2535.0	0.329	-0.52	16.00	15.53	1.114	0.367	/



		1	0	Left Tilt	2535.0	0.237	-0.78	16.00	15.53	1.114	0.264	/
		50	0	Right Cheek	2535.0	0.409	-3.29	15.00	14.57	1.104	0.452	/
		50	0	Right Tilt	2535.0	0.251	2.94	15.00	14.57	1.104	0.277	/
		50	0	Left Cheek	2535.0	0.287	2.41	15.00	14.57	1.104	0.317	/
		50	0	Left Tilt	2535.0	0.200	-2.63	15.00	14.57	1.104	0.221	/

Sensor on/Reduced Power DSI 1 for ANT 4

20M	QPSK	1	49	Right Cheek	2510.0	0.041	-0.97	16.00	15.71	1.069	0.044	/
		1	49	Right Tilt	2510.0	0.015	-2.31	16.00	15.71	1.069	0.016	/
		1	49	Left Cheek	2510.0	0.062	-3.86	16.00	15.71	1.069	0.066	/
		1	49	Left Tilt	2510.0	0.028	1.52	16.00	15.71	1.069	0.030	/
		50	49	Right Cheek	2535.0	0.035	3.09	15.00	14.74	1.062	0.037	/
		50	49	Right Tilt	2535.0	0.013	2.90	15.00	14.74	1.062	0.014	/
		50	49	Left Cheek	2535.0	0.054	0.15	15.00	14.74	1.062	0.057	/
		50	49	Left Tilt	2535.0	0.023	0.64	15.00	14.74	1.062	0.024	/

SAR Result of LTE Band 7 Body & Hotspot Test Data(10mm)

BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
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Sensor on/Reduced Power DSI 1 for ANT 1

20M	QPSK	1	0	Front Side	2535.0	0.202	1.78	16.00	15.53	1.114	0.225	/
		1	0	Back Side	2535.0	0.419	-2.37	16.00	15.53	1.114	0.467	/
		1	0	Left Side	2535.0	0.239	0.58	16.00	15.53	1.114	0.266	/
		1	0	Top Side	2535.0	0.552	4.06	16.00	15.53	1.114	0.615	/
		50	0	Front Side	2535.0	0.176	-1.83	15.00	14.57	1.104	0.194	/
		50	0	Back Side	2535.0	0.356	-2.24	15.00	14.57	1.104	0.393	/
		50	0	Left Side	2535.0	0.205	1.88	15.00	14.57	1.104	0.226	/
		50	0	Top Side	2535.0	0.469	-2.80	15.00	14.57	1.104	0.518	/

Sensor on/Reduced Power DSI 1 for ANT 4

20M	QPSK	1	49	Front Side	2510.0	0.206	-2.18	16.00	15.71	1.069	0.220	/
		1	49	Back Side	2510.0	0.335	-1.94	16.00	15.71	1.069	0.358	/
		1	49	Right Side	2510.0	0.187	0.37	16.00	15.71	1.069	0.200	/
		1	49	Bottom Side	2510.0	0.642	3.72	16.00	15.71	1.069	0.686	16
		50	49	Front Side	2535.0	0.178	1.95	15.00	14.74	1.062	0.189	/
		50	49	Back Side	2535.0	0.283	-3.16	15.00	14.74	1.062	0.301	/
		50	49	Right Side	2535.0	0.159	0.73	15.00	14.74	1.062	0.169	/
		50	49	Bottom Side	2535.0	0.547	-3.80	15.00	14.74	1.062	0.581	/

SAR Result of LTE Band 12/17 Head Test Data(0mm)

BW	Mod.	RB	RB	Test Position	Freq.	Result	Power	Max.	Meas.	Scaling	Scaled SAR	Meas.No.
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(MHz)		Size	offset			1g (W/Kg)	Drift(%)	Turn-up Power(dBm)	Output Power(dBm)	Factor	(W/Kg)	
Sensor on/Reduced Power DSI 1 for ANT 3												
20M	QPSK	1	24	Right Cheek	704.0	0.061	-3.65	20.00	19.66	1.081	0.066	/
		1	24	Right Tilt	704.0	0.026	2.27	20.00	19.66	1.081	0.028	/
		1	24	Left Cheek	704.0	0.056	-3.11	20.00	19.66	1.081	0.061	/
		1	24	Left Tilt	704.0	0.024	2.01	20.00	19.66	1.081	0.026	/
		25	24	Right Cheek	707.5	0.050	-0.32	19.00	18.74	1.062	0.053	/
		25	24	Right Tilt	707.5	0.022	-2.61	19.00	18.74	1.062	0.023	/
		25	24	Left Cheek	707.5	0.048	0.21	19.00	18.74	1.062	0.051	/
		25	24	Left Tilt	707.5	0.021	2.05	19.00	18.74	1.062	0.022	/
Sensor on/Reduced Power DSI 1 for ANT 5												
20M	QPSK	1	0	Right Cheek	707.5	0.293	0.98	20.00	19.46	1.132	0.332	/
		1	0	Right Tilt	707.5	0.099	1.83	20.00	19.46	1.132	0.112	/
		1	0	Left Cheek	707.5	0.556	-1.71	20.00	19.46	1.132	0.629	17
		1	0	Left Tilt	707.5	0.103	0.45	20.00	19.46	1.132	0.117	/
		25	24	Right Cheek	707.5	0.250	-3.26	19.00	18.59	1.099	0.275	/
		25	24	Right Tilt	707.5	0.082	-2.13	19.00	18.59	1.099	0.090	/
		25	24	Left Cheek	707.5	0.465	-1.22	19.00	18.59	1.099	0.511	/
		25	24	Left Tilt	707.5	0.088	2.04	19.00	18.59	1.099	0.097	/
SAR Result of LTE Band 12/17 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3												
20M	QPSK	1	24	Front Side	704.0	0.156	1.65	20.00	19.66	1.081	0.169	/
		1	24	Back Side	704.0	0.173	-1.17	20.00	19.66	1.081	0.187	/
		1	24	Left Side	704.0	0.152	1.59	20.00	19.66	1.081	0.164	/
		1	24	Bottom Side	704.0	0.081	2.23	20.00	19.66	1.081	0.088	/
		25	24	Front Side	707.5	0.131	2.93	19.00	18.74	1.062	0.139	/
		25	24	Back Side	707.5	0.150	-1.40	19.00	18.74	1.062	0.159	/
		25	24	Left Side	707.5	0.128	-0.88	19.00	18.74	1.062	0.136	/
		25	24	Bottom Side	707.5	0.071	0.50	19.00	18.74	1.062	0.075	/
Sensor on/Reduced Power DSI 1 for ANT 5												
20M	QPSK	1	0	Front Side	707.5	0.276	-1.39	20.00	19.46	1.132	0.312	/
		1	0	Back Side	707.5	0.356	2.73	20.00	19.46	1.132	0.403	/
		1	0	Right Side	707.5	0.464	-0.84	20.00	19.46	1.132	0.525	18
		25	24	Front Side	707.5	0.223	0.33	19.00	18.59	1.099	0.245	/
		25	24	Back Side	707.5	0.290	3.05	19.00	18.59	1.099	0.319	/



		25	24	Right Side	707.5	0.392	0.54	19.00	18.59	1.099	0.431	/
SAR Result of LTE Band 26 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3												
20M	QPSK	1	37	Right Cheek	831.5	0.064	-2.45	20.00	19.42	1.143	0.073	/
		1	37	Right Tilt	831.5	0.026	1.90	20.00	19.42	1.143	0.030	/
		1	37	Left Cheek	831.5	0.059	1.31	20.00	19.42	1.143	0.067	/
		1	37	Left Tilt	831.5	0.024	-1.11	20.00	19.42	1.143	0.027	/
		36	18	Right Cheek	841.5	0.054	3.16	19.00	18.43	1.140	0.062	/
		36	18	Right Tilt	841.5	0.022	-2.56	19.00	18.43	1.140	0.025	/
		36	18	Left Cheek	841.5	0.051	2.07	19.00	18.43	1.140	0.058	/
		36	18	Left Tilt	841.5	0.021	-1.62	19.00	18.43	1.140	0.024	/
Sensor on/Reduced Power DSI 1 for ANT 5												
20M	QPSK	1	0	Right Cheek	831.5	0.390	-1.66	20.00	19.46	1.132	0.441	/
		1	0	Right Tilt	831.5	0.132	-3.44	20.00	19.46	1.132	0.149	/
		1	0	Left Cheek	831.5	0.524	0.79	20.00	19.46	1.132	0.593	19
		1	0	Left Tilt	831.5	0.138	-3.87	20.00	19.46	1.132	0.156	/
		36	0	Right Cheek	831.5	0.320	-4.18	19.00	18.40	1.148	0.367	/
		36	0	Right Tilt	831.5	0.111	1.22	19.00	18.40	1.148	0.127	/
		36	0	Left Cheek	831.5	0.435	-0.66	19.00	18.40	1.148	0.499	/
		36	0	Left Tilt	831.5	0.119	2.05	19.00	18.40	1.148	0.137	/
SAR Result of LTE Band 26 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3												
20M	QPSK	1	37	Front Side	831.5	0.148	-0.51	20.00	19.42	1.143	0.169	/
		1	37	Back Side	831.5	0.195	2.93	20.00	19.42	1.143	0.223	/
		1	37	Left Side	831.5	0.140	-2.46	20.00	19.42	1.143	0.160	/
		1	37	Bottom Side	831.5	0.073	0.99	20.00	19.42	1.143	0.083	/
		36	18	Front Side	841.5	0.123	1.73	19.00	18.43	1.140	0.140	/
		36	18	Back Side	841.5	0.162	1.44	19.00	18.43	1.140	0.185	/
		36	18	Left Side	841.5	0.120	1.38	19.00	18.43	1.140	0.137	/
		36	18	Bottom Side	841.5	0.063	3.33	19.00	18.43	1.140	0.072	/
Sensor on/Reduced Power DSI 1 for ANT 5												
20M	QPSK	1	0	Front Side	831.5	0.379	2.75	20.00	19.46	1.132	0.429	/
		1	0	Back Side	831.5	0.317	-0.27	20.00	19.46	1.132	0.359	/



		1	0	Right Side	831.5	0.454	-1.10	20.00	19.46	1.132	0.514	20
		1	0	Front Side	831.5	0.318	-4.16	19.00	18.40	1.148	0.365	/
		36	0	Back Side	831.5	0.268	-2.96	19.00	18.40	1.148	0.308	/
		36	0	Right Side	831.5	0.385	-1.91	19.00	18.40	1.148	0.442	/

SAR Result of LTE Band 41 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
20M	QPSK	1	49	Right Cheek	2593.0	0.552	-0.21	20.00	19.58	1.102	0.608	21
		1	49	Right Tilt	2593.0	0.410	3.67	20.00	19.58	1.102	0.452	/
		1	49	Left Cheek	2593.0	0.488	-0.24	20.00	19.58	1.102	0.538	/
		1	49	Left Tilt	2593.0	0.356	-2.84	20.00	19.58	1.102	0.392	/
		50	49	Right Cheek	2680.0	0.466	2.05	19.00	18.55	1.109	0.517	/
		50	49	Right Tilt	2680.0	0.338	-1.10	19.00	18.55	1.109	0.375	/
		50	49	Left Cheek	2680.0	0.411	0.49	19.00	18.55	1.109	0.456	/
		50	49	Left Tilt	2680.0	0.311	-1.63	19.00	18.55	1.109	0.345	/
Sensor on/Reduced Power DSI 1 for ANT 4												
20M	QPSK	1	49	Right Cheek	2593.0	0.088	-2.30	20.00	19.30	1.175	0.103	/
		1	49	Right Tilt	2593.0	0.039	-2.61	20.00	19.30	1.175	0.046	/
		1	49	Left Cheek	2593.0	0.097	3.79	20.00	19.30	1.175	0.114	/
		1	49	Left Tilt	2593.0	0.043	-1.51	20.00	19.30	1.175	0.051	/
		50	49	Right Cheek	2506.0	0.075	2.55	19.00	18.37	1.156	0.087	/
		50	49	Right Tilt	2506.0	0.032	1.55	19.00	18.37	1.156	0.037	/
		50	49	Left Cheek	2506.0	0.081	-3.38	19.00	18.37	1.156	0.094	/
		50	49	Left Tilt	2506.0	0.037	-2.81	19.00	18.37	1.156	0.043	/
SAR Result of LTE Band 41 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
20M	QPSK	1	49	Front Side	2593.0	0.331	2.26	20.00	19.58	1.102	0.365	/
		1	49	Back Side	2593.0	0.256	1.21	20.00	19.58	1.102	0.282	/
		1	49	Left Side	2593.0	0.411	-3.83	20.00	19.58	1.102	0.453	/
		1	49	Top Side	2593.0	0.195	1.15	20.00	19.58	1.102	0.215	/
		50	49	Front Side	2680.0	0.276	-0.56	19.00	18.55	1.109	0.306	/
		50	49	Back Side	2680.0	0.210	1.44	19.00	18.55	1.109	0.233	/
		50	49	Left Side	2680.0	0.346	0.09	19.00	18.55	1.109	0.384	/



		50	49	Top Side	2680.0	0.171	0.21	19.00	18.55	1.109	0.190	/
Sensor on/Reduced Power DSI 1 for ANT 4												
20M	QPSK	1	49	Front Side	2593.0	0.366	-0.89	20.00	19.30	1.175	0.430	/
		1	49	Back Side	2593.0	0.464	3.02	20.00	19.30	1.175	0.545	/
		1	49	Right Side	2593.0	0.121	-1.49	20.00	19.30	1.175	0.142	/
		1	49	Bottom Side	2593.0	0.606	2.82	20.00	19.30	1.175	0.712	22
		50	49	Front Side	2506.0	0.311	3.18	19.00	18.37	1.156	0.360	/
		50	49	Back Side	2506.0	0.395	-3.46	19.00	18.37	1.156	0.457	/
		50	49	Right Side	2506.0	0.101	-2.04	19.00	18.37	1.156	0.117	/
		50	49	Bottom Side	2506.0	0.510	1.84	19.00	18.37	1.156	0.590	/

SAR Result of LTE Band 66/4 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
20M	QPSK	1	49	Right Cheek	1720.0	0.505	1.38	18.00	17.68	1.076	0.543	23
		1	49	Right Tilt	1720.0	0.371	-1.69	18.00	17.68	1.076	0.399	/
		1	49	Left Cheek	1720.0	0.396	0.14	18.00	17.68	1.076	0.426	/
		1	49	Left Tilt	1720.0	0.231	-0.67	18.00	17.68	1.076	0.249	/
		50	24	Right Cheek	1720.0	0.430	2.25	17.00	16.64	1.086	0.467	/
		50	24	Right Tilt	1720.0	0.304	-3.21	17.00	16.64	1.086	0.330	/
		50	24	Left Cheek	1720.0	0.334	-4.14	17.00	16.64	1.086	0.363	/
		50	24	Left Tilt	1720.0	0.197	-2.40	17.00	16.64	1.086	0.214	/
Sensor on/Reduced Power DSI 1 for ANT 4												
20M	QPSK	1	49	Right Cheek	1720.0	0.074	-1.49	18.00	17.72	1.067	0.079	/
		1	49	Right Tilt	1720.0	0.029	-3.29	18.00	17.72	1.067	0.031	/
		1	49	Left Cheek	1720.0	0.065	-2.22	18.00	17.72	1.067	0.069	/
		1	49	Left Tilt	1720.0	0.018	-0.12	18.00	17.72	1.067	0.019	/
		50	24	Right Cheek	1720.0	0.064	3.44	17.00	16.78	1.052	0.067	/
		50	24	Right Tilt	1720.0	0.024	1.82	17.00	16.78	1.052	0.025	/
		50	24	Left Cheek	1720.0	0.057	0.57	17.00	16.78	1.052	0.060	/
		50	24	Left Tilt	1720.0	0.015	-2.44	17.00	16.78	1.052	0.016	/
SAR Result of LTE Band 66/4 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
20M	QPSK	1	49	Front Side	1720.0	0.379	0.67	18.00	17.68	1.076	0.408	/



		1	49	Back Side	1720.0	0.228	-2.49	18.00	17.68	1.076	0.245	/
		1	49	Left Side	1720.0	0.323	-0.80	18.00	17.68	1.076	0.348	/
		1	49	Top Side	1720.0	0.161	-2.65	18.00	17.68	1.076	0.173	/
		50	24	Front Side	1720.0	0.316	-0.35	17.00	16.64	1.086	0.343	/
		50	24	Back Side	1720.0	0.191	-0.32	17.00	16.64	1.086	0.207	/
		50	24	Left Side	1720.0	0.267	1.13	17.00	16.64	1.086	0.290	/
		50	24	Top Side	1720.0	0.135	0.99	17.00	16.64	1.086	0.147	/
Sensor on/Reduced Power DSI 1 for ANT 4												
20M	QPSK	1	49	Front Side	1720.0	0.280	-1.22	18.00	17.72	1.067	0.299	/
		1	49	Back Side	1720.0	0.376	-2.69	18.00	17.72	1.067	0.401	/
		1	49	Right Side	1720.0	0.225	-2.05	18.00	17.72	1.067	0.240	/
		1	49	Bottom Side	1720.0	0.523	0.36	18.00	17.72	1.067	0.558	24
		50	24	Front Side	1720.0	0.241	1.57	17.00	16.78	1.052	0.254	/
		50	24	Back Side	1720.0	0.312	1.61	17.00	16.78	1.052	0.328	/
		50	24	Right Side	1720.0	0.185	-0.56	17.00	16.78	1.052	0.195	/
		50	24	Bottom Side	1720.0	0.436	3.03	17.00	16.78	1.052	0.459	/

SAR Result of N2 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Right Cheek	1890.0	0.406	-3.39	18.00	17.29	1.178	0.478	25
		1	1	Right Tilt	1890.0	0.236	-0.19	18.00	17.29	1.178	0.278	/
		1	1	Left Cheek	1890.0	0.299	-3.27	18.00	17.29	1.178	0.352	/
		1	1	Left Tilt	1890.0	0.164	-1.87	18.00	17.29	1.178	0.193	/
		108	54	Right Cheek	1880.0	0.379	0.95	18.00	17.13	1.222	0.463	/
		108	54	Right Tilt	1880.0	0.219	1.64	18.00	17.13	1.222	0.268	/
		108	54	Left Cheek	1880.0	0.273	-4.18	18.00	17.13	1.222	0.334	/
		108	54	Left Tilt	1880.0	0.148	1.07	18.00	17.13	1.222	0.181	/
Sensor on/Reduced Power DSI 1 for ANT 4												
15kHz 40M	DFT-s- OFDM QPSK	1	108	Right Cheek	1870.0	0.081	1.74	18.50	18.16	1.081	0.088	/
		1	108	Right Tilt	1870.0	0.032	2.76	18.50	18.16	1.081	0.035	/
		1	108	Left Cheek	1870.0	0.061	3.54	18.50	18.16	1.081	0.066	/
		1	108	Left Tilt	1870.0	0.024	0.02	18.50	18.16	1.081	0.026	/
		108	54	Right Cheek	1870.0	0.074	3.06	18.50	18.04	1.112	0.082	/
		108	54	Right Tilt	1870.0	0.030	0.88	18.50	18.04	1.112	0.033	/
		108	54	Left Cheek	1870.0	0.056	-0.90	18.50	18.04	1.112	0.062	/
		108	54	Left Tilt	1870.0	0.022	-2.82	18.50	18.04	1.112	0.024	/



SAR Result of N2 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Front Side	1890.0	0.359	-2.02	18.00	17.29	1.178	0.423	/
		1	1	Back Side	1890.0	0.210	-3.90	18.00	17.29	1.178	0.247	/
		1	1	Left Side	1890.0	0.343	0.13	18.00	17.29	1.178	0.404	/
		1	1	Top Side	1890.0	0.169	0.81	18.00	17.29	1.178	0.199	/
		108	54	Front Side	1880.0	0.329	-0.66	17.50	17.13	1.089	0.358	/
		108	54	Back Side	1880.0	0.192	0.36	17.50	17.13	1.089	0.209	/
		108	54	Left Side	1880.0	0.311	-2.03	17.50	17.13	1.089	0.339	/
		108	54	Top Side	1880.0	0.155	-0.58	17.50	17.13	1.089	0.169	/
Sensor on/Reduced Power DSI 1 for ANT 4												
15kHz 40M	DFT-s- OFDM QPSK	1	108	Front Side	1870.0	0.289	2.98	18.50	18.16	1.081	0.312	/
		1	108	Back Side	1870.0	0.325	1.71	18.50	18.16	1.081	0.351	/
		1	108	Right Side	1870.0	0.221	-1.86	18.50	18.16	1.081	0.239	/
		1	108	Bottom Side	1870.0	0.586	3.48	18.50	18.16	1.081	0.633	26
		108	54	Front Side	1870.0	0.265	2.45	18.50	18.04	1.112	0.295	/
		108	54	Back Side	1870.0	0.299	-0.08	18.50	18.04	1.112	0.332	/
		108	54	Right Side	1870.0	0.201	3.99	18.50	18.04	1.112	0.224	/
		108	54	Bottom Side	1870.0	0.540	-2.65	18.50	18.04	1.112	0.600	/

SAR Result of N5 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3												
15kHz 20M	DFT-s- OFDM QPSK	1	53	Right Cheek	836.5	0.064	-3.47	18.00	17.29	1.178	0.075	/
		1	53	Right Tilt	836.5	0.027	0.88	18.00	17.29	1.178	0.032	/
		1	53	Left Cheek	836.5	0.061	-4.15	18.00	17.29	1.178	0.072	/
		1	53	Left Tilt	836.5	0.024	0.75	18.00	17.29	1.178	0.028	/
		50	28	Right Cheek	834.0	0.059	2.09	18.00	17.11	1.227	0.072	/
		50	28	Right Tilt	834.0	0.024	-1.03	18.00	17.11	1.227	0.029	/
		50	28	Left Cheek	834.0	0.057	3.22	18.00	17.11	1.227	0.070	/
		50	28	Left Tilt	834.0	0.022	2.55	18.00	17.11	1.227	0.027	/
Sensor on/Reduced Power DSI 1 for ANT 5												
15kHz 20M	DFT-s- OFDM	1	104	Right Cheek	834.0	0.241	3.05	17.50	17.10	1.096	0.264	/
		1	104	Right Tilt	834.0	0.080	2.64	17.50	17.10	1.096	0.088	/



	QPSK	1	104	Left Cheek	834.0	0.457	-0.94	17.50	17.10	1.096	0.501	27
		1	104	Left Tilt	834.0	0.086	-2.81	17.50	17.10	1.096	0.094	/
		50	28	Right Cheek	836.5	0.223	1.58	17.50	16.99	1.125	0.251	/
		50	28	Right Tilt	836.5	0.073	0.87	17.50	16.99	1.125	0.082	/
		50	28	Left Cheek	836.5	0.420	3.55	17.50	16.99	1.125	0.473	/
		50	28	Left Tilt	836.5	0.079	-2.87	17.50	16.99	1.125	0.089	/

SAR Result of N5 Body & Hotspot Test Data(10mm)

BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
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Sensor on/Reduced Power DSI 1 for ANT 3

15kHz 20M	DFT-s- OFDM QPSK	1	53	Front Side	836.5	0.126	1.15	18.00	17.29	1.178	0.148	/
		1	53	Back Side	836.5	0.152	4.13	18.00	17.29	1.178	0.179	/
		1	53	Left Side	836.5	0.107	-0.22	18.00	17.29	1.178	0.126	/
		1	53	Bottom Side	836.5	0.063	-3.56	18.00	17.29	1.178	0.074	/
		50	28	Front Side	834.0	0.118	2.85	18.00	17.11	1.227	0.145	/
		50	28	Back Side	834.0	0.138	-0.84	18.00	17.11	1.227	0.169	/
		50	28	Left Side	834.0	0.097	-3.01	18.00	17.11	1.227	0.119	/
		50	28	Bottom Side	834.0	0.057	2.25	18.00	17.11	1.227	0.070	/

Sensor on/Reduced Power DSI 1 for ANT 5

15kHz 20M	DFT-s- OFDM QPSK	1	104	Front Side	834.0	0.376	-0.90	17.50	17.10	1.096	0.412	/
		1	104	Back Side	834.0	0.350	-2.79	17.50	17.10	1.096	0.384	/
		1	104	Right Side	834.0	0.552	0.56	17.50	17.10	1.096	0.605	28
		50	28	Front Side	836.5	0.350	1.12	17.50	16.99	1.125	0.394	/
		50	28	Back Side	836.5	0.306	-2.17	17.50	16.99	1.125	0.344	/
		50	28	Right Side	836.5	0.501	-0.94	17.50	16.99	1.125	0.564	/

SAR Result of N7 Head Test Data(0mm)

BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
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Sensor on/Reduced Power DSI 1 for ANT 1

15kHz 40M	DFT-s- OFDM QPSK	1	1	Right Cheek	2520.0	0.434	-2.85	19.00	18.56	1.107	0.480	29
		1	1	Right Tilt	2520.0	0.389	0.66	19.00	18.56	1.107	0.431	/
		1	1	Left Cheek	2520.0	0.393	-1.59	19.00	18.56	1.107	0.435	/
		1	1	Left Tilt	2520.0	0.361	1.72	19.00	18.56	1.107	0.400	/
		108	54	Right Cheek	2550.0	0.407	-0.73	19.00	18.44	1.138	0.463	/
		108	54	Right Tilt	2550.0	0.354	0.21	19.00	18.44	1.138	0.403	/
		108	54	Left Cheek	2550.0	0.355	1.68	19.00	18.44	1.138	0.404	/



		108	54	Left Tilt	2550.0	0.335	-0.13	19.00	18.44	1.138	0.381	/
Sensor on/Reduced Power DSI 1 for ANT 4												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Right Cheek	2520.0	0.026	-2.94	20.00	19.57	1.104	0.029	/
		1	1	Right Tilt	2520.0	0.011	1.09	20.00	19.57	1.104	0.012	/
		1	1	Left Cheek	2520.0	0.035	0.60	20.00	19.57	1.104	0.039	/
		1	1	Left Tilt	2520.0	0.015	-1.57	20.00	19.57	1.104	0.017	/
		108	54	Right Cheek	2520.0	0.024	-4.18	20.00	19.51	1.119	0.027	/
		108	54	Right Tilt	2520.0	0.010	-3.82	20.00	19.51	1.119	0.011	/
		108	54	Left Cheek	2520.0	0.032	-1.15	20.00	19.51	1.119	0.036	/
		108	54	Left Tilt	2520.0	0.014	3.91	20.00	19.51	1.119	0.016	/
SAR Result of N7 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Front Side	2520.0	0.145	-2.85	19.00	18.56	1.107	0.161	/
		1	1	Back Side	2520.0	0.234	-0.59	19.00	18.56	1.107	0.259	/
		1	1	Left Side	2520.0	0.151	2.55	19.00	18.56	1.107	0.167	/
		1	1	Top Side	2520.0	0.408	-1.24	19.00	18.56	1.107	0.452	/
		108	54	Front Side	2550.0	0.134	2.75	19.00	18.44	1.138	0.152	/
		108	54	Back Side	2550.0	0.211	0.60	19.00	18.44	1.138	0.240	/
		108	54	Left Side	2550.0	0.137	-3.73	19.00	18.44	1.138	0.156	/
		108	54	Top Side	2550.0	0.372	-3.68	19.00	18.44	1.138	0.423	/
Sensor on/Reduced Power DSI 1 for ANT 4												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Front Side	2520.0	0.212	-1.16	20.00	19.57	1.104	0.234	/
		1	1	Back Side	2520.0	0.332	-0.55	20.00	19.57	1.104	0.367	/
		1	1	Right Side	2520.0	0.133	0.18	20.00	19.57	1.104	0.147	/
		1	1	Bottom Side	2520.0	0.520	-3.77	20.00	19.57	1.104	0.574	30
		108	54	Front Side	2520.0	0.198	-2.32	20.00	19.51	1.119	0.222	/
		108	54	Back Side	2520.0	0.300	0.92	20.00	19.51	1.119	0.336	/
		108	54	Right Side	2520.0	0.122	2.01	20.00	19.51	1.119	0.137	/
		108	54	Bottom Side	2520.0	0.480	1.70	20.00	19.51	1.119	0.537	/

SAR Result of N26 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 3												
15kHz	DFT-s-	1	1	Right Cheek	836.5	0.034	-0.51	20.50	20.12	1.091	0.037	/



20M	OFDM	1	1	Right Tilt	836.5	0.016	-3.99	20.50	20.12	1.091	0.017	/
	QPSK	1	1	Left Cheek	836.5	0.030	-1.30	20.50	20.12	1.091	0.033	/
		1	1	Left Tilt	836.5	0.015	-2.08	20.50	20.12	1.091	0.016	/
		50	28	Right Cheek	836.5	0.031	-0.65	20.50	20.09	1.099	0.034	/
		50	28	Right Tilt	836.5	0.015	0.25	20.50	20.09	1.099	0.016	/
		50	28	Left Cheek	836.5	0.027	2.29	20.50	20.09	1.099	0.030	/
		50	28	Left Tilt	836.5	0.014	1.64	20.50	20.09	1.099	0.015	/

Sensor on/Reduced Power DSI 1 for ANT 5

15kHz 20M	DFT-s-OFDM QPSK	1	1	Right Cheek	834.0	0.298	1.64	20.00	19.62	1.091	0.325	/
		1	1	Right Tilt	834.0	0.090	-0.81	20.00	19.62	1.091	0.098	/
		1	1	Left Cheek	834.0	0.372	-0.49	20.00	19.62	1.091	0.406	31
		1	1	Left Tilt	834.0	0.113	-1.75	20.00	19.62	1.091	0.123	/
		50	28	Right Cheek	834.0	0.280	0.28	20.00	19.40	1.148	0.321	/
		50	28	Right Tilt	834.0	0.083	-2.55	20.00	19.40	1.148	0.095	/
		50	28	Left Cheek	834.0	0.340	1.98	20.00	19.40	1.148	0.390	/
		50	28	Left Tilt	834.0	0.103	-3.86	20.00	19.40	1.148	0.118	/

SAR Result of N26 Body & Hotspot Test Data(10mm)

BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
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Sensor on/Reduced Power DSI 1 for ANT 3

15kHz 20M	DFT-s-OFDM QPSK	1	1	Front Side	836.5	0.102	-2.17	20.50	20.12	1.091	0.111	/
		1	1	Back Side	836.5	0.151	0.99	20.50	20.12	1.091	0.165	/
		1	1	Left Side	836.5	0.109	-0.59	20.50	20.12	1.091	0.119	/
		1	1	Bottom Side	836.5	0.067	0.05	20.50	20.12	1.091	0.073	/
		50	28	Front Side	836.5	0.092	-2.04	20.50	20.09	1.099	0.101	/
		50	28	Back Side	836.5	0.138	0.75	20.50	20.09	1.099	0.152	/
		50	28	Left Side	836.5	0.102	3.69	20.50	20.09	1.099	0.112	/
		50	28	Bottom Side	836.5	0.061	0.42	20.50	20.09	1.099	0.067	/

Sensor on/Reduced Power DSI 1 for ANT 5

15kHz 20M	DFT-s-OFDM QPSK	1	1	Front Side	834.0	0.332	3.84	20.00	19.62	1.091	0.362	/
		1	1	Back Side	834.0	0.308	0.44	20.00	19.62	1.091	0.336	/
		1	1	Right Side	834.0	0.412	-2.17	20.00	19.62	1.091	0.449	32
		50	28	Front Side	834.0	0.308	-0.82	20.00	19.40	1.148	0.354	/
		50	28	Back Side	834.0	0.279	0.98	20.00	19.40	1.148	0.320	/
		50	28	Right Side	834.0	0.375	-0.93	20.00	19.40	1.148	0.431	/



SAR Result of N41 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	2592.99	0.438	1.99	14.00	13.59	1.099	0.481	33
		1	1	Right Tilt	2592.99	0.401	-1.57	14.00	13.59	1.099	0.441	/
		1	1	Left Cheek	2592.99	0.303	-2.02	14.00	13.59	1.099	0.333	/
		1	1	Left Tilt	2592.99	0.267	0.79	14.00	13.59	1.099	0.293	/
		135	69	Right Cheek	2546.01	0.393	-3.59	14.00	13.49	1.125	0.442	/
		135	69	Right Tilt	2546.01	0.342	-4.02	14.00	13.49	1.125	0.385	/
		135	69	Left Cheek	2546.01	0.275	1.00	14.00	13.49	1.125	0.309	/
		135	69	Left Tilt	2546.01	0.227	2.66	14.00	13.49	1.125	0.255	/
Sensor on/Reduced Power DSI 1 for ANT 2												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	2592.99	0.328	0.68	12.50	11.95	1.135	0.372	/
		1	1	Right Tilt	2592.99	0.101	-1.71	12.50	11.95	1.135	0.115	/
		1	1	Left Cheek	2592.99	0.259	0.03	12.50	11.95	1.135	0.294	/
		1	1	Left Tilt	2592.99	0.080	-1.07	12.50	11.95	1.135	0.091	/
		135	69	Right Cheek	2592.99	0.285	0.10	12.50	11.82	1.169	0.333	/
		135	69	Right Tilt	2592.99	0.083	1.45	12.50	11.82	1.169	0.097	/
		135	69	Left Cheek	2592.99	0.220	-0.99	12.50	11.82	1.169	0.257	/
		135	69	Left Tilt	2592.99	0.069	-3.13	12.50	11.82	1.169	0.081	/
Sensor on/Reduced Power DSI 1 for ANT 3												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	2592.99	0.042	2.05	10.50	10.17	1.079	0.045	/
		1	1	Right Tilt	2592.99	0.010	0.41	10.50	10.17	1.079	0.011	/
		1	1	Left Cheek	2592.99	0.054	0.26	10.50	10.17	1.079	0.058	/
		1	1	Left Tilt	2592.99	0.015	2.99	10.50	10.17	1.079	0.016	/
		135	69	Right Cheek	2592.99	0.038	1.34	10.50	9.92	1.143	0.043	/
		135	69	Right Tilt	2592.99	0.009	-0.38	10.50	9.92	1.143	0.010	/
		135	69	Left Cheek	2592.99	0.049	1.93	10.50	9.92	1.143	0.056	/
		135	69	Left Tilt	2592.99	0.014	-2.04	10.50	9.92	1.143	0.016	/
Sensor on/Reduced Power DSI 1 for ANT 4												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	2640.0	0.086	2.84	14.50	13.95	1.135	0.098	/
		1	1	Right Tilt	2640.0	0.022	-1.08	14.50	13.95	1.135	0.025	/
		1	1	Left Cheek	2640.0	0.073	0.10	14.50	13.95	1.135	0.083	/
		1	1	Left Tilt	2640.0	0.020	2.33	14.50	13.95	1.135	0.023	/
		108	54	Right Cheek	2640.0	0.080	0.92	14.50	13.82	1.169	0.094	/
		108	54	Right Tilt	2640.0	0.020	-1.46	14.50	13.82	1.169	0.023	/
		108	54	Left Cheek	2640.0	0.067	0.56	14.50	13.82	1.169	0.078	/



		108	54	Left Tilt	2640.0	0.018	-1.44	14.50	13.82	1.169	0.021	/
SAR Result of N41 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	2592.99	0.211	2.11	14.00	13.59	1.099	0.232	/
		1	1	Back Side	2592.99	0.341	-0.52	14.00	13.59	1.099	0.375	/
		1	1	Left Side	2592.99	0.579	-1.96	14.00	13.59	1.099	0.636	34
		1	1	Top Side	2592.99	0.121	1.24	14.00	13.59	1.099	0.133	/
		135	69	Front Side	2546.01	0.198	-0.08	14.00	13.49	1.125	0.223	/
		135	69	Back Side	2546.01	0.320	-2.66	14.00	13.49	1.125	0.360	/
		135	69	Left Side	2546.01	0.538	-0.62	14.00	13.49	1.125	0.605	/
		135	69	Top Side	2546.01	0.113	-0.52	14.00	13.49	1.125	0.127	/
Sensor on/Reduced Power DSI 1 for ANT 2												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	2592.99	0.393	-1.86	12.50	11.95	1.135	0.446	/
		1	1	Back Side	2592.99	0.291	-4.13	12.50	11.95	1.135	0.330	/
		1	1	Left Side	2592.99	0.434	0.52	12.50	11.95	1.135	0.493	/
		135	69	Front Side	2592.99	0.361	3.14	12.50	11.82	1.169	0.422	/
		135	69	Back Side	2592.99	0.273	-2.30	12.50	11.82	1.169	0.319	/
		135	69	Left Side	2592.99	0.400	3.92	12.50	11.82	1.169	0.468	/
Sensor on/Reduced Power DSI 1 for ANT 3												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	2592.99	0.242	-3.43	10.50	10.17	1.079	0.261	/
		1	1	Back Side	2592.99	0.313	2.39	10.50	10.17	1.079	0.338	/
		1	1	Left Side	2592.99	0.077	-1.49	10.50	10.17	1.079	0.083	/
		1	1	Bottom Side	2592.99	0.591	-3.93	10.50	10.17	1.079	0.638	/
		135	69	Front Side	2592.99	0.220	1.44	10.50	9.92	1.143	0.251	/
		135	69	Back Side	2592.99	0.294	0.57	10.50	9.92	1.143	0.336	/
		135	69	Left Side	2592.99	0.070	-2.20	10.50	9.92	1.143	0.080	/
		135	69	Bottom Side	2592.99	0.553	2.06	10.50	9.92	1.143	0.632	/
Sensor on/Reduced Power DSI 1 for ANT 4												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	2640.0	0.074	-0.30	14.50	13.95	1.135	0.084	/
		1	1	Back Side	2640.0	0.202	0.94	14.50	13.95	1.135	0.229	/
		1	1	Right Side	2640.0	0.013	3.17	14.50	13.95	1.135	0.015	/
		1	1	Bottom Side	2640.0	0.173	4.06	14.50	13.95	1.135	0.196	/
		108	54	Front Side	2640.0	0.069	-2.40	14.50	13.82	1.169	0.081	/
		108	54	Back Side	2640.0	0.183	3.17	14.50	13.82	1.169	0.214	/
		108	54	Right Side	2640.0	0.012	-2.29	14.50	13.82	1.169	0.014	/
		108	54	Bottom Side	2640.0	0.160	1.00	14.50	13.82	1.169	0.187	/



SAR Result of N66 Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Right Cheek	1745.0	0.566	-1.67	17.00	16.63	1.089	0.616	/
		1	1	Right Tilt	1745.0	0.498	0.03	17.00	16.63	1.089	0.542	/
		1	1	Left Cheek	1745.0	0.639	-1.81	17.00	16.63	1.089	0.696	35
		1	1	Left Tilt	1745.0	0.562	-4.19	17.00	16.63	1.089	0.612	/
		108	54	Right Cheek	1730.0	0.504	-3.74	17.00	16.45	1.135	0.572	/
		108	54	Right Tilt	1730.0	0.420	-2.01	17.00	16.45	1.135	0.477	/
		108	54	Left Cheek	1730.0	0.540	0.96	17.00	16.45	1.135	0.613	/
		108	54	Left Tilt	1730.0	0.477	2.70	17.00	16.45	1.135	0.541	/
Sensor on/Reduced Power DSI 1 for ANT 4												
15kHz 40M	DFT-s- OFDM QPSK	1	108	Right Cheek	1745.0	0.073	-3.15	17.00	16.49	1.125	0.082	/
		1	108	Right Tilt	1745.0	0.029	0.69	17.00	16.49	1.125	0.033	/
		1	108	Left Cheek	1745.0	0.056	-0.70	17.00	16.49	1.125	0.063	/
		1	108	Left Tilt	1745.0	0.018	-1.20	17.00	16.49	1.125	0.020	/
		108	54	Right Cheek	1745.0	0.067	-3.49	17.00	16.32	1.169	0.078	/
		108	54	Right Tilt	1745.0	0.026	-2.83	17.00	16.32	1.169	0.030	/
		108	54	Left Cheek	1745.0	0.052	-1.09	17.00	16.32	1.169	0.061	/
		108	54	Left Tilt	1745.0	0.017	-1.49	17.00	16.32	1.169	0.020	/
SAR Result of N66 Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 1												
15kHz 40M	DFT-s- OFDM QPSK	1	1	Front Side	1745.0	0.227	3.00	17.00	16.63	1.089	0.247	/
		1	1	Back Side	1745.0	0.374	-0.56	17.00	16.63	1.089	0.407	/
		1	1	Left Side	1745.0	0.181	1.07	17.00	16.63	1.089	0.197	/
		1	1	Top Side	1745.0	0.540	-0.66	17.00	16.63	1.089	0.588	/
		108	54	Front Side	1730.0	0.206	0.28	17.00	16.45	1.135	0.234	/
		108	54	Back Side	1730.0	0.340	1.78	17.00	16.45	1.135	0.386	/
		108	54	Left Side	1730.0	0.158	2.58	17.00	16.45	1.135	0.179	/
		108	54	Top Side	1730.0	0.492	-2.39	17.00	16.45	1.135	0.558	/
Sensor on/Reduced Power DSI 1 for ANT 4												
15kHz	DFT-s-	1	108	Front Side	1745.0	0.334	0.89	17.00	16.49	1.125	0.376	/
40M	OFDM	1	108	Back Side	1745.0	0.319	0.63	17.00	16.49	1.125	0.359	/



	QPSK	1	108	Right Side	1745.0	0.155	-0.21	17.00	16.49	1.125	0.174	/
		1	108	Bottom Side	1745.0	0.654	-3.14	17.00	16.49	1.125	0.736	36
		108	54	Front Side	1745.0	0.301	-0.34	17.00	16.32	1.169	0.352	/
		108	54	Back Side	1745.0	0.298	-4.09	17.00	16.32	1.169	0.348	/
		108	54	Right Side	1745.0	0.141	-2.81	17.00	16.32	1.169	0.165	/
		108	54	Bottom Side	1745.0	0.595	2.33	17.00	16.32	1.169	0.696	/

SAR Result of N77(3450-3550) Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 2												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	3500.01	0.257	0.12	12.50	12.06	1.107	0.284	/
		1	1	Right Tilt	3500.01	0.204	-2.65	12.50	12.06	1.107	0.226	/
		1	1	Left Cheek	3500.01	0.139	2.68	12.50	12.06	1.107	0.154	/
		1	1	Left Tilt	3500.01	0.106	0.68	12.50	12.06	1.107	0.117	/
		135	69	Right Cheek	3500.01	0.235	3.97	12.50	12.01	1.119	0.263	/
		135	69	Right Tilt	3500.01	0.190	3.43	12.50	12.01	1.119	0.213	/
		135	69	Left Cheek	3500.01	0.129	-1.26	12.50	12.01	1.119	0.144	/
		135	69	Left Tilt	3500.01	0.096	-3.66	12.50	12.01	1.119	0.107	/
Sensor on/Reduced Power DSI 1 for ANT 3												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	3500.01	0.085	3.89	12.50	12.09	1.099	0.093	/
		1	1	Right Tilt	3500.01	0.017	-0.76	12.50	12.09	1.099	0.019	/
		1	1	Left Cheek	3500.01	0.072	-1.10	12.50	12.09	1.099	0.079	/
		1	1	Left Tilt	3500.01	0.012	3.41	12.50	12.09	1.099	0.013	/
		135	69	Right Cheek	3500.01	0.078	0.70	12.50	12.05	1.109	0.087	/
		135	69	Right Tilt	3500.01	0.015	-1.60	12.50	12.05	1.109	0.017	/
		135	69	Left Cheek	3500.01	0.067	0.68	12.50	12.05	1.109	0.074	/
		135	69	Left Tilt	3500.01	0.011	1.64	12.50	12.05	1.109	0.012	/
Sensor on/Reduced Power DSI 1 for ANT 4												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	3500.01	0.061	-1.21	13.50	12.94	1.138	0.069	/
		1	1	Right Tilt	3500.01	0.023	1.90	13.50	12.94	1.138	0.026	/
		1	1	Left Cheek	3500.01	0.052	-1.39	13.50	12.94	1.138	0.059	/
		1	1	Left Tilt	3500.01	0.019	1.25	13.50	12.94	1.138	0.022	/
		135	69	Right Cheek	3500.01	0.055	2.43	13.50	12.83	1.167	0.064	/
		135	69	Right Tilt	3500.01	0.021	-0.32	13.50	12.83	1.167	0.025	/
		135	69	Left Cheek	3500.01	0.048	-1.04	13.50	12.83	1.167	0.056	/
		135	69	Left Tilt	3500.01	0.017	-3.08	13.50	12.83	1.167	0.020	/
Sensor on/Reduced Power DSI 1 for ANT 10												



30kHz 100M	DFT-s-OFDM QPSK	1	137	Right Cheek	3500.01	0.513	0.90	12.50	12.02	1.117	0.573	37
		1	137	Right Tilt	3500.01	0.473	-1.59	12.50	12.02	1.117	0.528	/
		1	137	Left Cheek	3500.01	0.308	-3.94	12.50	12.02	1.117	0.344	/
		1	137	Left Tilt	3500.01	0.278	2.24	12.50	12.02	1.117	0.311	/
		135	69	Right Cheek	3500.01	0.465	0.32	12.50	11.75	1.189	0.553	/
		135	69	Right Tilt	3500.01	0.429	-1.10	12.50	11.75	1.189	0.510	/
		135	69	Left Cheek	3500.01	0.278	1.62	12.50	11.75	1.189	0.331	/
		135	69	Left Tilt	3500.01	0.253	3.00	12.50	11.75	1.189	0.301	/
SAR Result of N77(3450-3550) Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 2												
30kHz 100M	DFT-s-OFDM QPSK	1	1	Front Side	3500.01	0.150	2.90	12.50	12.06	1.107	0.166	/
		1	1	Back Side	3500.01	0.262	-1.87	12.50	12.06	1.107	0.290	/
		1	1	Left Side	3500.01	0.428	0.19	12.50	12.06	1.107	0.474	38
		135	69	Front Side	3500.01	0.137	0.96	12.50	12.01	1.119	0.153	/
		135	69	Back Side	3500.01	0.241	2.27	12.50	12.01	1.119	0.270	/
		135	69	Left Side	3500.01	0.395	0.74	12.50	12.01	1.119	0.442	/
Sensor on/Reduced Power DSI 1 for ANT 3												
30kHz 100M	DFT-s-OFDM QPSK	1	1	Front Side	3500.01	0.175	2.15	12.50	12.09	1.099	0.192	/
		1	1	Back Side	3500.01	0.099	-0.81	12.50	12.09	1.099	0.109	/
		1	1	Left Side	3500.01	0.064	1.63	12.50	12.09	1.099	0.070	/
		1	1	Bottom Side	3500.01	0.201	-0.50	12.50	12.09	1.099	0.221	/
		135	69	Front Side	3500.01	0.159	-2.23	12.50	12.05	1.109	0.176	/
		135	69	Back Side	3500.01	0.090	2.58	12.50	12.05	1.109	0.100	/
		135	69	Left Side	3500.01	0.059	-3.04	12.50	12.05	1.109	0.065	/
		135	69	Bottom Side	3500.01	0.189	1.58	12.50	12.05	1.109	0.210	/
Sensor on/Reduced Power DSI 1 for ANT 4												
30kHz 100M	DFT-s-OFDM QPSK	1	1	Front Side	3500.01	0.139	0.30	13.50	12.94	1.138	0.158	/
		1	1	Back Side	3500.01	0.246	3.03	13.50	12.94	1.138	0.280	/
		1	1	Right Side	3500.01	0.170	-3.59	13.50	12.94	1.138	0.193	/
		1	1	Bottom Side	3500.01	0.089	2.29	13.50	12.94	1.138	0.101	/
		135	69	Front Side	3500.01	0.125	0.34	13.50	12.83	1.167	0.146	/
		135	69	Back Side	3500.01	0.228	0.16	13.50	12.83	1.167	0.266	/
		135	69	Right Side	3500.01	0.157	1.95	13.50	12.83	1.167	0.183	/
		135	69	Bottom Side	3500.01	0.081	-2.26	13.50	12.83	1.167	0.095	/
Sensor on/Reduced Power DSI 1 for ANT 10												



30kHz 100M	DFT-s-OFDM QPSK	1	137	Front Side	3500.01	0.145	-2.95	12.50	12.02	1.117	0.162	/
		1	137	Back Side	3500.01	0.205	-0.35	12.50	12.02	1.117	0.229	/
		1	137	Left Side	3500.01	0.015	0.62	12.50	12.02	1.117	0.017	/
		1	137	Top Side	3500.01	0.299	-0.24	12.50	12.02	1.117	0.334	/
		135	69	Front Side	3500.01	0.135	0.77	12.50	11.75	1.189	0.161	/
		135	69	Back Side	3500.01	0.188	1.29	12.50	11.75	1.189	0.224	/
		135	69	Left Side	3500.01	0.014	2.10	12.50	11.75	1.189	0.017	/
		135	69	Top Side	3500.01	0.271	3.93	12.50	11.75	1.189	0.322	/

SAR Result of N78(3450-3550) Head Test Data(0mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 2												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	3500.01	0.314	2.33	18.50	17.96	1.132	0.355	/
		1	1	Right Tilt	3500.01	0.085	0.96	18.50	17.96	1.132	0.096	/
		1	1	Left Cheek	3500.01	0.295	-2.30	18.50	17.96	1.132	0.334	/
		1	1	Left Tilt	3500.01	0.073	0.27	18.50	17.96	1.132	0.083	/
		135	69	Right Cheek	3500.01	0.286	-2.98	18.50	17.81	1.172	0.335	/
		135	69	Right Tilt	3500.01	0.080	1.16	18.50	17.81	1.172	0.094	/
		135	69	Left Cheek	3500.01	0.266	-0.58	18.50	17.81	1.172	0.312	/
		135	69	Left Tilt	3500.01	0.067	-1.05	18.50	17.81	1.172	0.079	/
Sensor on/Reduced Power DSI 1 for ANT 3												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	3500.01	0.104	-0.85	19.50	19.17	1.079	0.112	/
		1	1	Right Tilt	3500.01	0.030	1.18	19.50	19.17	1.079	0.032	/
		1	1	Left Cheek	3500.01	0.095	-2.47	19.50	19.17	1.079	0.103	/
		1	1	Left Tilt	3500.01	0.026	3.78	19.50	19.17	1.079	0.028	/
		135	69	Right Cheek	3500.01	0.096	1.07	19.50	18.89	1.151	0.110	/
		135	69	Right Tilt	3500.01	0.028	-1.00	19.50	18.89	1.151	0.032	/
		135	69	Left Cheek	3500.01	0.088	0.29	19.50	18.89	1.151	0.101	/
		135	69	Left Tilt	3500.01	0.024	0.39	19.50	18.89	1.151	0.028	/
Sensor on/Reduced Power DSI 1 for ANT 4												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Right Cheek	3500.01	0.058	-0.35	18.50	17.97	1.130	0.066	/
		1	1	Right Tilt	3500.01	0.025	3.71	18.50	17.97	1.130	0.028	/
		1	1	Left Cheek	3500.01	0.055	2.49	18.50	17.97	1.130	0.062	/
		1	1	Left Tilt	3500.01	0.020	-3.43	18.50	17.97	1.130	0.023	/
		135	69	Right Cheek	3500.01	0.052	-0.16	18.50	17.91	1.146	0.060	/
		135	69	Right Tilt	3500.01	0.023	-1.98	18.50	17.91	1.146	0.026	/



		135	69	Left Cheek	3500.01	0.050	-2.12	18.50	17.91	1.146	0.057	/
		135	69	Left Tilt	3500.01	0.018	1.49	18.50	17.91	1.146	0.021	/
Sensor on/Reduced Power DSI 1 for ANT 10												
30kHz 100M	DFT-s- OFDM QPSK	1	137	Right Cheek	3500.01	0.468	-0.55	17.00	16.59	1.099	0.514	39
		1	137	Right Tilt	3500.01	0.436	1.04	17.00	16.59	1.099	0.479	/
		1	137	Left Cheek	3500.01	0.234	3.07	17.00	16.59	1.099	0.257	/
		1	137	Left Tilt	3500.01	0.213	0.21	17.00	16.59	1.099	0.234	/
		135	69	Right Cheek	3500.01	0.423	-0.58	17.00	16.51	1.119	0.473	/
		135	69	Right Tilt	3500.01	0.385	-3.05	17.00	16.51	1.119	0.431	/
		135	69	Left Cheek	3500.01	0.213	-0.31	17.00	16.51	1.119	0.238	/
		135	69	Left Tilt	3500.01	0.192	1.13	17.00	16.51	1.119	0.215	/
SAR Result of N78(3450-3550) Body & Hotspot Test Data(10mm)												
BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor on/Reduced Power DSI 1 for ANT 2												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	3500.01	0.158	-2.29	18.50	17.96	1.132	0.179	/
		1	1	Back Side	3500.01	0.248	1.03	18.50	17.96	1.132	0.281	/
		1	1	Left Side	3500.01	0.466	-0.98	18.50	17.96	1.132	0.528	40
		135	69	Front Side	3500.01	0.147	-2.87	18.50	17.81	1.172	0.172	/
		135	69	Back Side	3500.01	0.232	1.62	18.50	17.81	1.172	0.272	/
		135	69	Left Side	3500.01	0.409	-0.48	18.50	17.81	1.172	0.479	/
Sensor on/Reduced Power DSI 1 for ANT 3												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	3500.01	0.179	-2.43	19.50	19.17	1.079	0.193	/
		1	1	Back Side	3500.01	0.102	-1.14	19.50	19.17	1.079	0.110	/
		1	1	Left Side	3500.01	0.066	-3.71	19.50	19.17	1.079	0.071	/
		1	1	Bottom Side	3500.01	0.207	2.05	19.50	19.17	1.079	0.223	/
		135	69	Front Side	3500.01	0.165	-0.19	19.50	18.89	1.151	0.190	/
		135	69	Back Side	3500.01	0.095	0.62	19.50	18.89	1.151	0.109	/
		135	69	Left Side	3500.01	0.061	-1.16	19.50	18.89	1.151	0.070	/
		135	69	Bottom Side	3500.01	0.189	-0.46	19.50	18.89	1.151	0.218	/
Sensor on/Reduced Power DSI 1 for ANT 4												
30kHz 100M	DFT-s- OFDM QPSK	1	1	Front Side	3500.01	0.121	-0.92	18.50	17.97	1.130	0.137	/
		1	1	Back Side	3500.01	0.268	2.09	18.50	17.97	1.130	0.303	/
		1	1	Right Side	3500.01	0.061	3.56	18.50	17.97	1.130	0.069	/
		1	1	Bottom Side	3500.01	0.157	1.24	18.50	17.97	1.130	0.177	/
		135	69	Front Side	3500.01	0.112	0.95	18.50	17.91	1.146	0.128	/
		135	69	Back Side	3500.01	0.246	-2.01	18.50	17.91	1.146	0.282	/



		135	69	Right Side	3500.01	0.055	3.26	18.50	17.91	1.146	0.063	/
		135	69	Bottom Side	3500.01	0.147	0.92	18.50	17.91	1.146	0.168	/
Sensor on/Reduced Power DSI 1 for ANT 10												
30kHz 100M	DFT-s- OFDM QPSK	1	137	Front Side	3500.01	0.144	0.35	17.00	16.59	1.099	0.158	/
		1	137	Back Side	3500.01	0.273	-0.20	17.00	16.59	1.099	0.300	/
		1	137	Left Side	3500.01	0.079	3.47	17.00	16.59	1.099	0.087	/
		1	137	Top Side	3500.01	0.396	-1.50	17.00	16.59	1.099	0.435	/
		135	69	Front Side	3500.01	0.133	0.59	17.00	16.51	1.119	0.149	/
		135	69	Back Side	3500.01	0.255	1.64	17.00	16.51	1.119	0.285	/
		135	69	Left Side	3500.01	0.073	2.48	17.00	16.51	1.119	0.082	/
		135	69	Top Side	3500.01	0.368	-2.88	17.00	16.51	1.119	0.412	/

SAR Result of Bluetooth Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
GFSK (1Mbps)	Right Cheek	2440.0	0.032	-0.30	20.00	19.36	1.159	0.037	/
	Right Tilt	2440.0	0.015	-2.87	20.00	19.36	1.159	0.017	/
	Left Cheek	2440.0	0.055	3.88	20.00	19.36	1.159	0.064	/
	Left Tilt	2440.0	0.029	0.72	20.00	19.36	1.159	0.034	/
Sensor off/Full Power for ANT 7									
GFSK (2Mbps)	Right Cheek	2440.0	0.053	-0.52	20.00	19.43	1.140	0.060	/
	Right Tilt	2440.0	0.044	-0.39	20.00	19.43	1.140	0.050	/
	Left Cheek	2440.0	0.074	-3.74	20.00	19.43	1.140	0.084	41
	Left Tilt	2440.0	0.061	-0.38	20.00	19.43	1.140	0.070	/
SAR Result of Bluetooth Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
GFSK (1Mbps)	Front Side	2440.0	0.022	0.16	20.00	19.36	1.159	0.025	/
	Back Side	2440.0	0.063	-1.73	20.00	19.36	1.159	0.073	/
	Right Side	2440.0	0.070	1.15	20.00	19.36	1.159	0.081	/
	Top Side	2440.0	0.020	-2.96	20.00	19.36	1.159	0.023	/
Sensor off/Full Power for ANT 7									
GFSK (2Mbps)	Front Side	2440.0	0.069	-3.08	20.00	19.43	1.140	0.079	/
	Back Side	2440.0	0.093	0.77	20.00	19.43	1.140	0.106	/
	Right Side	2440.0	0.030	2.12	20.00	19.43	1.140	0.034	/
	Top Side	2440.0	0.115	-1.03	20.00	19.43	1.140	0.131	42



SAR Result of Wi-Fi 2.4G Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11b	Right Cheek	2437.0	0.040	-0.26	19.00	18.43	1.140	0.046	/
	Right Tilt	2437.0	0.024	-2.19	19.00	18.43	1.140	0.027	/
	Left Cheek	2437.0	0.091	-1.58	19.00	18.43	1.140	0.104	/
	Left Tilt	2437.0	0.048	0.42	19.00	18.43	1.140	0.055	/
Sensor off/Full Power for ANT 7									
802.11b	Right Cheek	2462.0	0.075	-1.24	19.00	18.36	1.159	0.087	/
	Right Tilt	2462.0	0.061	-2.87	19.00	18.36	1.159	0.071	/
	Left Cheek	2462.0	0.120	-3.01	19.00	18.36	1.159	0.139	43
	Left Tilt	2462.0	0.090	0.62	19.00	18.36	1.159	0.104	/
Sensor off/Full Power for ANT 6+7 MIMO									
802.11ax20	Right Cheek	2437.0	0.032	-1.13	17.00	16.72	1.067	0.034	/
	Right Tilt	2437.0	0.035	2.85	17.00	16.72	1.067	0.037	/
	Left Cheek	2437.0	0.070	-1.46	17.00	16.72	1.067	0.075	/
	Left Tilt	2437.0	0.058	1.77	17.00	16.72	1.067	0.062	/
SAR Result of Wi-Fi 2.4G Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11b	Front Side	2437.0	0.033	0.51	19.00	18.43	1.140	0.038	/
	Back Side	2437.0	0.094	-3.42	19.00	18.43	1.140	0.107	/
	Right Side	2437.0	0.104	2.03	19.00	18.43	1.140	0.119	/
	Top Side	2437.0	0.028	-4.05	19.00	18.43	1.140	0.032	/
Sensor off/Full Power for ANT 7									
802.11b	Front Side	2462.0	0.109	2.72	19.00	18.36	1.159	0.126	/
	Back Side	2462.0	0.144	-0.07	19.00	18.36	1.159	0.167	/
	Right Side	2462.0	0.048	1.73	19.00	18.36	1.159	0.056	/
	Top Side	2462.0	0.181	-3.66	19.00	18.36	1.159	0.210	44
Sensor off/Full Power for ANT 6+7 MIMO									
802.11ax20	Front Side	2437.0	0.034	-3.61	17.00	16.72	1.067	0.036	/
	Back Side	2437.0	0.057	-1.09	17.00	16.72	1.067	0.061	/
	Right Side	2437.0	0.043	1.94	17.00	16.72	1.067	0.046	/
	Top Side	2437.0	0.054	2.51	17.00	16.72	1.067	0.058	/



SAR Result of WIFI 5G U-NII-1 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Right Cheek	5240.0	0.067	-2.86	18.00	17.53	1.114	0.075	/
	Right Tilt	5240.0	0.021	-1.96	18.00	17.53	1.114	0.023	/
	Left Cheek	5240.0	0.100	-1.03	18.00	17.53	1.114	0.111	/
	Left Tilt	5240.0	0.040	-0.33	18.00	17.53	1.114	0.045	/
Sensor off/Full Power for ANT 8									
802.11a	Right Cheek	5180.0	0.115	0.29	18.00	17.38	1.153	0.133	/
	Right Tilt	5180.0	0.086	-0.72	18.00	17.38	1.153	0.099	/
	Left Cheek	5180.0	0.259	0.16	18.00	17.38	1.153	0.299	45
	Left Tilt	5180.0	0.202	3.05	18.00	17.38	1.153	0.233	/
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Right Cheek	5180.0	0.065	-0.16	17.00	16.58	1.102	0.072	/
	Right Tilt	5180.0	0.056	0.22	17.00	16.58	1.102	0.062	/
	Left Cheek	5180.0	0.144	-2.63	17.00	16.58	1.102	0.159	/
	Left Tilt	5180.0	0.135	-0.15	17.00	16.58	1.102	0.149	/
SAR Result of WIFI 5G U-NII-1 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Front Side	5240.0	0.032	2.20	18.00	17.53	1.114	0.036	/
	Back Side	5240.0	0.095	-1.88	18.00	17.53	1.114	0.106	/
	Right Side	5240.0	0.106	1.58	18.00	17.53	1.114	0.118	/
	Top Side	5240.0	0.027	-0.27	18.00	17.53	1.114	0.030	/
Sensor off/Full Power for ANT 8									
802.11a	Front Side	5180.0	0.081	-2.75	18.00	17.38	1.153	0.093	/
	Back Side	5180.0	0.108	1.21	18.00	17.38	1.153	0.125	/
	Right Side	5180.0	0.035	-0.51	18.00	17.38	1.153	0.040	/
	Top Side	5180.0	0.135	1.88	18.00	17.38	1.153	0.156	46
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Front Side	5180.0	0.040	3.29	17.00	16.58	1.102	0.044	/
	Back Side	5180.0	0.068	-1.69	17.00	16.58	1.102	0.075	/
	Right Side	5180.0	0.052	0.42	17.00	16.58	1.102	0.057	/
	Top Side	5180.0	0.064	-0.41	17.00	16.58	1.102	0.071	/



SAR Result of WIFI 5G U-NII-2A Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Right Cheek	5260.0	0.047	-3.08	18.00	17.48	1.127	0.053	/
	Right Tilt	5260.0	0.019	-2.18	18.00	17.48	1.127	0.021	/
	Left Cheek	5260.0	0.062	0.40	18.00	17.48	1.127	0.070	/
	Left Tilt	5260.0	0.025	0.25	18.00	17.48	1.127	0.028	/
Sensor off/Full Power for ANT 8									
802.11a	Right Cheek	5300.0	0.092	-2.90	17.50	17.15	1.084	0.100	/
	Right Tilt	5300.0	0.069	-0.48	17.50	17.15	1.084	0.075	/
	Left Cheek	5300.0	0.185	1.03	17.50	17.15	1.084	0.201	47
	Left Tilt	5300.0	0.130	-3.11	17.50	17.15	1.084	0.141	/
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Right Cheek	5260.0	0.054	-0.94	17.00	16.43	1.140	0.062	/
	Right Tilt	5260.0	0.046	-1.97	17.00	16.43	1.140	0.052	/
	Left Cheek	5260.0	0.093	0.01	17.00	16.43	1.140	0.106	/
	Left Tilt	5260.0	0.085	-0.37	17.00	16.43	1.140	0.097	/
SAR Result of WIFI 5G U-NII-2A Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Front Side	5260.0	0.030	-0.84	18.00	17.48	1.127	0.034	/
	Back Side	5260.0	0.089	-3.65	18.00	17.48	1.127	0.100	/
	Right Side	5260.0	0.095	-2.62	18.00	17.48	1.127	0.107	/
	Top Side	5260.0	0.026	0.54	18.00	17.48	1.127	0.029	/
Sensor off/Full Power for ANT 8									
802.11a	Front Side	5300.0	0.074	0.62	17.50	17.15	1.084	0.080	/
	Back Side	5300.0	0.101	-1.99	17.50	17.15	1.084	0.109	/
	Right Side	5300.0	0.033	1.26	17.50	17.15	1.084	0.036	/
	Top Side	5300.0	0.124	0.43	17.50	17.15	1.084	0.134	48
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Front Side	5260.0	0.040	-2.44	17.00	16.43	1.140	0.046	/
	Back Side	5260.0	0.062	-0.33	17.00	16.43	1.140	0.071	/
	Right Side	5260.0	0.052	-0.59	17.00	16.43	1.140	0.059	/
	Top Side	5260.0	0.054	-1.21	17.00	16.43	1.140	0.062	/



SAR Result of WIFI 5G U-NII-2C Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Right Cheek	5580.0	0.063	-0.90	18.50	17.78	1.180	0.074	/
	Right Tilt	5580.0	0.027	-3.69	18.50	17.78	1.180	0.032	/
	Left Cheek	5580.0	0.088	0.12	18.50	17.78	1.180	0.104	/
	Left Tilt	5580.0	0.035	-1.83	18.50	17.78	1.180	0.041	/
Sensor off/Full Power for ANT 8									
802.11a	Right Cheek	5580.0	0.089	-1.37	18.50	17.88	1.153	0.103	/
	Right Tilt	5580.0	0.066	2.81	18.50	17.88	1.153	0.076	/
	Left Cheek	5580.0	0.196	-0.45	18.50	17.88	1.153	0.226	49
	Left Tilt	5580.0	0.184	-2.80	18.50	17.88	1.153	0.212	/
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Right Cheek	5580.0	0.048	0.69	17.50	16.78	1.180	0.057	/
	Right Tilt	5580.0	0.041	2.14	17.50	16.78	1.180	0.048	/
	Left Cheek	5580.0	0.105	0.95	17.50	16.78	1.180	0.124	/
	Left Tilt	5580.0	0.094	-1.98	17.50	16.78	1.180	0.111	/
SAR Result of WIFI 5G U-NII-2C Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Front Side	5580.0	0.083	-1.72	18.50	17.78	1.180	0.098	/
	Back Side	5580.0	0.165	2.60	18.50	17.78	1.180	0.195	/
	Right Side	5580.0	0.204	0.34	18.50	17.78	1.180	0.241	/
	Top Side	5580.0	0.072	-0.05	18.50	17.78	1.180	0.085	/
Sensor off/Full Power for ANT 8									
802.11a	Front Side	5580.0	0.152	-0.55	18.50	17.88	1.153	0.175	/
	Back Side	5580.0	0.204	0.17	18.50	17.88	1.153	0.235	/
	Right Side	5580.0	0.067	1.26	18.50	17.88	1.153	0.077	/
	Top Side	5580.0	0.229	-3.21	18.50	17.88	1.153	0.264	50
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Front Side	5580.0	0.049	-0.87	17.50	16.78	1.180	0.058	/
	Back Side	5580.0	0.082	0.42	17.50	16.78	1.180	0.097	/
	Right Side	5580.0	0.064	2.01	17.50	16.78	1.180	0.076	/
	Top Side	5580.0	0.074	-1.95	17.50	16.78	1.180	0.087	/



SAR Result of WIFI 5G U-NII-3 Head Test Data(0mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Right Cheek	5825.0	0.076	0.14	18.00	17.72	1.067	0.081	/
	Right Tilt	5825.0	0.030	2.11	18.00	17.72	1.067	0.032	/
	Left Cheek	5825.0	0.104	-0.60	18.00	17.72	1.067	0.111	/
	Left Tilt	5825.0	0.043	-0.30	18.00	17.72	1.067	0.046	/
Sensor off/Full Power for ANT 8									
802.11a	Right Cheek	5825.0	0.089	0.91	18.00	17.60	1.096	0.098	/
	Right Tilt	5825.0	0.065	-3.13	18.00	17.60	1.096	0.071	/
	Left Cheek	5825.0	0.194	-2.03	18.00	17.60	1.096	0.213	51
	Left Tilt	5825.0	0.183	-0.57	18.00	17.60	1.096	0.201	/
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Right Cheek	5825.0	0.050	1.81	17.50	16.97	1.130	0.057	/
	Right Tilt	5825.0	0.043	-0.70	17.50	16.97	1.130	0.049	/
	Left Cheek	5825.0	0.108	-3.38	17.50	16.97	1.130	0.122	/
	Left Tilt	5825.0	0.103	-2.53	17.50	16.97	1.130	0.116	/
SAR Result of WIFI 5G U-NII-3 Body & Hotspot Test Data(10mm)									
Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
Sensor off/Full Power for ANT 6									
802.11a	Front Side	5825.0	0.035	-1.81	18.00	17.72	1.067	0.037	/
	Back Side	5825.0	0.103	-0.32	18.00	17.72	1.067	0.110	/
	Right Side	5825.0	0.110	3.43	18.00	17.72	1.067	0.117	/
	Top Side	5825.0	0.030	-2.75	18.00	17.72	1.067	0.032	/
Sensor off/Full Power for ANT 8									
802.11a	Front Side	5825.0	0.116	-2.96	18.00	17.60	1.096	0.127	/
	Back Side	5825.0	0.156	-0.70	18.00	17.60	1.096	0.171	/
	Right Side	5825.0	0.051	1.69	18.00	17.60	1.096	0.056	/
	Top Side	5825.0	0.194	1.22	18.00	17.60	1.096	0.213	52
Sensor off/Full Power for ANT 6+8 MIMO									
802.11n20	Front Side	5825.0	0.059	0.77	17.50	16.97	1.130	0.067	/
	Back Side	5825.0	0.099	-2.61	17.50	16.97	1.130	0.112	/
	Right Side	5825.0	0.077	3.92	17.50	16.97	1.130	0.087	/
	Top Side	5825.0	0.085	1.59	17.50	16.97	1.130	0.096	/



Note:

1. Per KDB 447498 D04, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. Scaled SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
2. Per KDB 248227- When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
3. Per KDB 865664 D01, Repeated measurement is not required when the original highest measured SAR is <0.80 W/kg
4. When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "Portable Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.

**Simultaneous Multi-band Transmission Evaluation**

Application Simultaneous Transmission information:

Simultaneous State	Does it support	
	Head	Body & Hotspot
1.WLAN 5GHz SISO/MIMO+ Bluetooth CH0/CH1	Y	Y
2.WWAN+ Bluetooth CH0/ CH1	Y	Y
3.WWAN+WLAN 2.4GHz SISO/MIMO	Y	Y
4.WWAN+WLAN 5GHz SISO/MIMO	Y	Y
5.WWAN+ WLAN 5GHz SISO/MIMO+ Bluetooth CH0/CH1	Y	Y
6.WWAN+ WLAN 2.4GHz SISO/MIMO +WLAN 5GHz SISO/MIMO	Y	Y

NOTE:

1. WWAN cannot transmit simultaneously.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.



WLAN 5GHz SISO/MIMO+ Bluetooth CH0/CH1

RF Exposure Conditions	SARmax (W/kg)					Summed	Summed	Summed	Summed	Summed	Summed
	1	2	3	4	5	SAR	SAR	SAR	SAR	SAR	SAR
	WLAN 5GHz ANT 6	WLAN 5GHz ANT 8	WLAN 5GHz MIMO ANT6+8	Bluetooth ANT 6	Bluetooth ANT7	1+4	1+5	2+4	2+5	3+4	3+5
Head (0mm)	0.111	0.299	0.159	0.064	0.084	0.175	0.195	0.363	0.383	0.223	0.243
Body & Hotspot Test Data (10mm)	0.241	0.264	0.112	0.081	0.106	0.322	0.347	0.345	0.37	0.193	0.218

WWAN+ Bluetooth CH0/CH1

RF Exposure Conditions	SARmax (W/kg)			Summed SAR	Summed SAR
	1	2	3		
	WWAN	Bluetooth ANT 6	Bluetooth ANT7	1+2	1+3
Head (0mm)	0.696	0.064	0.084	0.175	0.195
Body & Hotspot Test Data (10mm)	0.736	0.081	0.106	0.322	0.347

WWAN+WLAN 2.4GHz SISO/MIMO

RF Exposure Conditions	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR
	1	2	3	4			
	WWAN	WLAN 2.4GHz ANT 6	WLAN 2.4GHz ANT 7	WLAN 2.4GHz MIMO ANT6+7	1+2	1+3	1+4
Head (0mm)	0.696	0.104	0.139	0.075	0.800	0.835	0.771
Body & Hotspot Test Data (10mm)	0.736	0.119	0.210	0.058	0.855	0.946	0.794



WWAN+WLAN 5GHz SISO/MIMO

RF Exposure Conditions	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR
	1	2	3	4			
	WWAN	WLAN 5GHz ANT 6	WLAN 5GHz ANT 8	WLAN 5GHz MIMO ANT6+8	1+2	1+3	1+4
Head (0mm)	0.696	0.111	0.299	0.159	0.807	0.995	0.855
Body & Hotspot Test Data (10mm)	0.736	0.241	0.264	0.112	0.977	1.000	0.848

WWAN+WLAN 5GHz SISO/MIMO+ Bluetooth CH0/CH1

RF Exposure Conditions	SARmax (W/kg)						Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR
	1	2	3	4	5	6						
	WWAN	WLAN 5GHz ANT 6	WLAN 5GHz ANT 8	WLAN 5GHz MIMO ANT6+8	Bluetooth ANT 6	Bluetooth ANT7	1+2+5	1+2+6	1+3+5	1+3+6	1+4+5	1+4+6
Head (0mm)	0.696	0.111	0.299	0.159	0.064	0.084	0.871	0.891	1.059	1.079	0.919	0.939
Body & Hotspot Test Data (10mm)	0.736	0.241	0.264	0.112	0.081	0.106	1.058	1.083	1.081	1.106	0.929	0.954



WWAN+ WLAN 2.4GHz SISO/MIMO +WLAN 5GHz SISO/MIMO

RF Exposure Conditions	SARmax (W/kg)							Summed	Summed
	1	2	3	4	5	6	7	SAR	SAR
	WWAN	WLAN 2.4GHz ANT 6	WLAN 2.4GHz ANT 7	WLAN 2.4GHz MIMO ANT6+7	WLAN 5GHz ANT 6	WLAN 5GHz ANT 8	WLAN 5GHz MIMO ANT6+8	1+2+5	1+2+6
Head (0mm)	0.696	0.104	0.139	0.075	0.111	0.299	0.159	0.911	1.099
Body & Hotspot Test Data (10mm)	0.736	0.119	0.210	0.058	0.241	0.264	0.112	1.096	1.119

RF Exposure Conditions	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR	Summed SAR
	1+2+7	1+3+5	1+3+6	1+3+7	1+4+5	1+4+6	1+4+7
Head (0mm)	0.959	0.946	1.134	0.994	0.882	1.070	0.930
Body & Hotspot Test Data (10mm)	0.967	1.187	1.210	1.058	1.035	1.058	0.906

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
750MHz Dipole	MVG	SID750	SN 30/14 DIP0G750-331	2023.07.04	2026.07.03
835MHz Dipole	MVG	SID835	SN 30/14 DIP0G835-332	2023.07.04	2026.07.03
1800MHz Dipole	MVG	SID1800	5023-DIP1G800-747	2023.12.20	2026.12.19
1900MHz Dipole	MVG	SID1900	SN 30/14 DIP1G900-333	2023.09.14	2026.09.13
2450MHzDipole	MVG	SID2450	SN 30/14 DIP2G450-335	2023.07.04	2026.07.03
2600MHz Dipole	MVG	SID2600	SN 30/14 DIP2G600-336	2023.07.04	2026.07.03
3500MHz Dipole	MVG	SID3500	SN 08/21 DIP3G 500-553	2024-02-14	2027-02-13
Waveguide	MVG	SWG5500	SN 13/14 WGA32	2023.07.04	2026.07.03
E-Field Probe	MVG	SSE2	SN 08/21 EPOG352	2025.09.15	2025.09.14
Dielectric Probe Kit	MVG	SCLMP	SN 32/14 OCPG67	2025.09.15	2025.09.14
Antenna	MVG	ANTA3	SN 07/13 ZNTA52	N/A	N/A
Phantom1	MVG	SAM	SN 32/14 SAM115	N/A	N/A
Phantom3	MVG	SAM	SN 21/21 ELLI48	N/A	N/A
Phone holder	MVG	N/A	SN 32/14 MSH97	N/A	N/A
Laptop holder	MVG	N/A	SN 32/14 LSH29	N/A	N/A
Attenuator	Agilent	HXT-10-8-SMA	240327017	2025-02-22	2026-02-21
Directional coupler	Xi'an Xingbo	XBOH-OA08-20 dB	211123-4-3	2025-02-22	2026-02-21
Network Analyzer	Agilent	E5071C	MY46520378	2025-09-11	2026-09-10
Multi Meter	Keithley	Multi Meter 2000	4050073	2025-09-11	2026-09-10
Signal Generator	Agilent	N5182A	MY50140530	2025-09-11	2026-09-10
Wireless Communication Test Set	Agilent	8960-E5515C	MY48360751	2025-02-22	2026-02-21
Wireless Communication Test Set	R&S	CMW500	156324	2025-09-11	2026-09-10
Power Amplifier	DESAY	ZHL-42W	9638	2025-09-11	2026-09-10
Power Meter	R&S	NRP	100510	2025-09-11	2026-09-10
Power Sensor	R&S	NRP-Z11	101919	2025-09-11	2026-09-10
Power Sensor	Keysight	U2021XA	MY56280002	2025-09-11	2026-09-10
Temperature hygrometer	SuWei	SW-108	N/A	2025-10-13	2026-10-13
Thermograph	Elitech	RC-4	S/N EF7176501537	2025-10-13	2026-10-13



ANNEX A: System Validation Plots

(Please See Appendix A)

ANNEX B: SAR Test Plots

(Please See Appendix B)

ANNEX C: Probe Calibration and Dipole Calibration Report

(Please See Appendix C)

ANNEX D: SAR Test setup photo

(Please See Appendix D)

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