TEST REPORT

No.25T04N000942-002-RF LTE

for

Sonim Technologies, Inc.

5G feature phone

Model Name: X530(S1501),X530(S1601),X530(S1504),X530(S1604),

X530(S1502),X530(S1602),X530(S1503),X530(S1603),X530(S1510),X530(S1610)

FCC ID: WYPS1501

with

Hardware Version: V1.0

Software Version: X53.0-01-15.0-10.07.00

Issued Date: 2025-08-26

Note:

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

Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
25T04N000942-002-RF LTE	Rev.0	1st edition	2025-08-26

CONTENTS

1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	5G feature phone
Model Name	X530(S1501),X530(S1601),X530(S1504),X530(S1604),X530(S1502), X530(S1602),X530(S1503),X530(S1603),X530(S1510),X530(S1610)
Brand Name	Sonim
Applicant's name	Sonim Technologies, Inc.
Manufacturer's Name	Sonim Technologies, Inc.

1.2. Test Standards

Please refer to "4. Reference Documents".

1.3. Test Result

All test items are passed. Please refer to "6 Summary of Test Results" for detail.

1.4. Testing Location

Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China 518000

1.5. Project Data

Testing Start Date: 2025-04-30 Testing End Date: 2025-08-14

1.6. Signature

Xie Chuhang
(Prepared this test report)

Huang Qiuqin
(Reviewed this test report)

Zhang Hao
(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

Company Name:	Sonim Technologies, Inc.
Address /Post:	4445 Eastgate Mall,Suite 200,San Diego, CA 92121,USA
Contact：	Avena.Xu /TA manager
Email：	Avena.xu@sonimtech.com
Telephone:	001-650-378-8100
Fax:	001-650-378-8100

2.2. Manufacturer Information

Company Name:	Sonim Technologies, Inc.
Address /Post:	4445 Eastgate Mall,Suite 200,San Diego, CA 92121,USA
Contact：	Avena.Xu /TA manager
Email：	Avena.xu@sonimtech.com
Telephone:	001-650-378-8100
Fax:	001-650-378-8100

3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)

3.1. About EUT

Description	5G feature phone
Model Name	X530(S1501),X530(S1601),X530(S1504),X530(S1604),X530(S1502), X530(S1602),X530(S1503),X530(S1603),X530(S1510),X530(S1610)
FCC ID	WYPS1501
Frequency Bands	WCDMA Band 1/2/4/5/8, LTE Band 1/2/3/4/5/7/8/12/13/14/20/25/26/28/29/30/38/41/42/43/48/66/71, NR FR1: n2/5/7/14/25/28/38/41/48/66/71/77/78, Bluetooth, WLAN 2.4GHz/5GHz
Antenna	Integrated
Extreme vol. Limits	3.65V to 4.30V (nominal: 3.80V)
Condition of EUT as received	No abnormality in appearance

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of SAICT.

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
UT08aa	016724000001542	V1.0	X53.0-01-15.0-10.07.00	2025-04-30
UT10aa	016724000004264	V1.0	X53.0-01-15.0-10.07.00	2025-06-17

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

UT08aa are used for conduction test, UT10aa is used for radiation test.

3.3. Internal Identification of AE

AE ID*	Description
AE1	Battery
AE2	RF cable

AE1

Model	BAT-03500-11S
Manufacturer	Tianjin Lishen Juyuan New Energy Technology Co.,Ltd.
Capacity	3500mAh
Nominal Voltage	3.87V

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

AE: ancillary equipment

3.4. General Description

The Equipment Under Test (EUT) is a model X530 with integrated antenna. It consists of normal options: lithium battery, charger. Manual and specifications of the EUT were provided to fulfil the test. Samples undergoing test were selected by the Client.

Note: This report's FCC compliance evaluation covers the following frequency LTE bands: Band 2/4/

5/7/12/13/14/25/26/30/38/41/42/43/48/66/71. Operating Band information as follow:

LTE Operating Band	Uplink (UL)	Downlink (DL)
FDD Band 2	1850 MHz - 1910 MHz	1930 MHz - 1990 MHz
FDD Band 4	1710 MHz - 1755 MHz	2110 MHz - 2155 MHz
FDD Band 5	824 MHz - 849 MHz	869 MHz - 894 MHz
FDD Band 7	2500 MHz - 2570 MHz	2620 MHz - 2690 MHz
FDD Band 12	699 MHz - 716 MHz	729 MHz - 746 MHz
FDD Band 13	777 MHz - 787 MHz	746 MHz - 756 MHz
FDD Band 14	788 MHz - 798 MHz	758 MHz - 768 MHz
FDD Band 25	1850 MHz - 1915 MHz	1930 MHz - 1995 MHz
FDD Band 26	814 MHz - 849 MHz	859 MHz - 894 MHz
FDD Band 30	2305 MHz - 2315 MHz	2350 MHz - 2360 MHz
TDD Band 38	2570 MHz - 2620 MHz	2570 MHz - 2620 MHz
TDD Band 41	2496 MHz - 2690 MHz	2496 MHz - 2690 MHz
TDD Band 42	3400 MHz - 3600 MHz	3400 MHz - 3600 MHz
TDD Band 43	3600 MHz - 3800 MHz	3600 MHz - 3800 MHz
TDD Band 48	3550 MHz - 3700 MHz	3550 MHz - 3700 MHz
FDD Band 66	1710 MHz - 1780 MHz	2110 MHz - 2200 MHz
FDD Band 71	663 MHz - 698 MHz	617 MHz - 652 MHz

4. REFERENCE DOCUMENTS

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	10-1-23 Edition
FCC Part 22	PUBLIC MOBILE SERVICES	10-1-23 Edition
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	10-1-23 Edition
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	10-1-23 Edition
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	10-1-23 Edition
FCC Part 96	CITIZENS BROADBAND RADIO SERVICE	10-1-23 Edition
ANSI C63.26	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	2015
KDB971168 D01	Power Meas License Digital Systems	v03r01

5. LABORATORY ENVIRONMENT

Shielded room did not exceed following limits along the RF testing:

Temperature	Min. = 15 ˚C, Max. = 35 ˚C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz>60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	>2 MΩ
Ground system resistance	< 4 Ω

Fully-anechoic chamber did not exceed following limits along the EMC testing

Temperature	Min. = 15 ˚C, Max. = 35 ˚C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	> 2MΩ
Ground system resistance	< 4 Ω
Voltage Standing Wave Ratio (VSWR)	≤ 6 dB, from 1 to 18 GHz， 3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

6. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	F	Fail
	NA	Not applicable
	NM	Not measured

LTE Band 2

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	24.232	A.1	P
2	Field Strength of Spurious Radiation	2.1053/24.238	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	24.238	A.5	P
6	Band Edge Compliance	24.238	A.6	P
7	Conducted Spurious Emission	24.238	A.7	P
8	Peak-to-Average Power Ratio	24.232/KDB971168 D01	A.8	P

LTE Band 4

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 5

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	22.913	A.1	P
2	Field Strength of Spurious Radiation	2.1053/22.917	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	22.917	A.5	P
6	Band Edge Compliance	22.917	A.6	P
7	Conducted Spurious Emission	22.917	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

LTE Band 7/ Band 38/ Band 41

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 12

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 13

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 14

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	90.542	A.1	P
2	Field Strength of Spurious Radiation	2.1053/90.543	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	90.543	A.5	P
6	Band Edge Compliance	90.543	A.6	P
7	Conducted Spurious Emission	90.543	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

LTE Band 25

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	24.232	A.1	P
2	Field Strength of Spurious Radiation	2.1053/24.238	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	24.238	A.5	P
6	Band Edge Compliance	24.238	A.6	P
7	Conducted Spurious Emission	24.238	A.7	P
8	Peak-to-Average Power Ratio	24.232/KDB971168 D01	A.8	P

LTE Band 26(814MHz-824MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	90.635	A.1	P
2	Field Strength of Spurious Radiation	2.1053/90.691	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	2.1049	A.5	P
6	Band Edge Compliance	90.691	A.6	P
7	Conducted Spurious Emission	90.691	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

LTE band 26(824MHz-849MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	22.913	A.1	P
2	Field Strength of Spurious Radiation	2.1053/22.917	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	22.917	A.5	P
6	Band Edge Compliance	22.917	A.6	P
7	Conducted Spurious Emission	22.917	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

LTE Band 30

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 42(3450MHz-3550MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 42(3550MHz-3600MHz)/ Band 48

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	96.41	A.1	P
2	Field Strength of Spurious Radiation	2.1053/96.41	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	96.41	A.5	P
6	Band Edge Compliance	96.41	A.6	P
7	Conducted Spurious Emission	96.41	A.7	P
8	Peak-to-Average Power Ratio	96.41/KDB971168 D01	A.8	P

LTE Band 43(3600MHz-3700MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	96.41	A.1	P
2	Field Strength of Spurious Radiation	2.1053/96.41	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	96.41	A.5	P
6	Band Edge Compliance	96.41	A.6	P
7	Conducted Spurious Emission	96.41	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 48

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	96.41	A.1	P
2	Field Strength of Spurious Radiation	2.1053/96.41	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	96.41	A.5	P
6	Band Edge Compliance	96.41	A.6	P
7	Conducted Spurious Emission	96.41	A.7	P
8	Peak-to-Average Power Ratio	96.41/KDB971168 D01	A.8	P
9	End User Device Additional Requirements (CBSD Protocol)	96.47	A.9	P

LTE Band 66

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

LTE Band 71

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53	A.2	P
3	Frequency Stability	2.1055	A.3	P
4	Occupied Bandwidth	2.1049	A.4	P
5	Emission Bandwidth	27.53	A.5	P
6	Band Edge Compliance	27.53	A.6	P
7	Conducted Spurious Emission	27.53	A.7	P
8	Peak-to-Average Power Ratio	27.50/KDB971168 D01	A.8	P

7. STATEMENT

Since the information of samples in this report is provided by the client, the laboratory is not responsible for the authenticity of sample information.

This report takes measured values as criterion of test conclusion. The test conclusion meets the limit requirements.

8. TEST EQUIPMENTS UTILIZED

No.	Description	Type	Manufacture	Series Number	Cal Due Date
1	Test Receiver	ESR7	R&S	101676	2025-11-21
2	Hybrid antenna	VULB 9163	Schwarzbeck	330	2027-04-21
3	Horn Antenna	3117	ETS-Lindgren	00227733	2026-08-01
4	Horn Antenna	QSH-SL-18-26-S-20	Q-par	17013	2026-02-01
5	Antenna	BBHA 9120D	Schwarzbeck	1593	2025-10-24
6	Antenna	QWH-SL-18-40-K-SG	Q-par	15979	2026-01-30
7	preamplifier	83017A	Agilent	MY39501110	/
8	Signal Generator	SMB100A	R&S	179725	2025-11-21
9	Fully Anechoic Chamber	FACT3-2.0	ETS-Lindgren	1285	2027-05-27
10	Spectrum Analyzer	FSV40	R&S	101192	2026-01-09
11	Universal Radio Communication Tester	CMU200	R&S	114544	2025-08-27
12	Universal Radio Communication Tester	CMW500	R&S	152499	2026-07-10
13	Software	EMC32	R&S	V10.50.40	/
14	Power Supply	HMC8042	R&S	103284	2026-05-06
15	Universal Radio Communication Tester	CMW500	R&S	129146	2026-05-06
16	Spectrum Analyzer	FSW26	R&S	102197	2026-05-06
17	Signal Analyzer	N9020B	Keysight	MY60112379	2026-08-25
18	Temperature Chamber	SH-241	ESPEC	92007516	2026-05-06
19	Software	FCC/IC 2/3/4G·RF Test	/	V2.1.5	/

ANNEX A: MEASUREMENT RESULTS

A.1 OUTPUT POWER

A.1.1 Summary

During the process of testing, the EUT was controlled via Rhode & Schwarz Digital Radio Communication tester (CMW500) to ensure max power transmission and proper modulation.
This result contains peak output power and ERP/EIRP measurements for the EUT.
In all cases, output power is within the specified limits.

A.1.2 Conducted

A.1.2.1 Method of Measurements

The EUT was set up for the max output power with pseudo random data modulation.
These measurements were done at 3 frequencies (bottom, middle and top of operational frequency range) for each bandwidth.

A.1.2.2 Measurement result

LTE band 2

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
1.4MHz	1 RB high	1909.3	22.53	21.77	20.49	17.48
		1880.0	22.64	21.70	20.46	17.49
		1850.7	22.80	21.88	20.57	17.70
	1 RB low	1909.3	22.51	21.74	20.68	17.46
		1880.0	22.66	21.70	20.86	17.51
		1850.7	22.82	21.90	20.64	17.60
	50% RB mid	1909.3	22.60	21.75	20.43	17.58
		1880.0	22.70	21.81	20.47	17.44
		1850.7	22.88	21.95	20.65	17.65
	100% RB	1909.3	21.60	20.53	19.35	17.46
		1880.0	21.64	20.73	19.44	17.47
		1850.7	21.82	20.83	19.60	17.64
3MHz	1 RB high	1908.5	22.56	21.75	20.47	17.43
		1880.0	22.56	21.65	20.38	17.38
		1851.5	22.78	21.80	20.62	17.64
	1 RB low	1908.5	22.45	21.56	20.72	17.48
		1880.0	22.56	21.76	20.75	17.48
		1851.5	22.74	21.97	20.89	17.63
	50% RB mid	1908.5	21.67	20.67	19.38	17.51
		1880.0	21.66	20.70	19.40	17.38
		1851.5	21.88	20.99	19.75	17.58
	100% RB	1908.5	21.62	20.58	19.42	17.41
		1880.0	21.60	20.61	19.39	17.36
		1851.5	21.89	20.94	19.58	17.61
5MHz	1 RB high	1907.5	22.56	21.74	20.56	17.43

		1880.0	22.62	21.74	20.48	17.37
		1852.5	22.85	21.99	20.53	17.71
	1 RB low	1907.5	22.47	21.70	20.77	17.46
		1880.0	22.60	21.63	20.78	17.52
		1852.5	22.76	21.98	20.96	17.71
	50% RB mid	1907.5	21.57	20.62	19.48	17.46
		1880.0	21.61	20.59	19.41	17.49
		1852.5	21.84	20.98	19.62	17.61
	100% RB	1907.5	21.55	20.57	19.40	17.39
		1880.0	21.58	20.62	19.40	17.41
		1852.5	21.88	20.89	19.58	17.58
10MHz	1 RB high	1905.0	22.58	21.70	20.58	17.54
		1880.0	22.56	21.72	20.33	17.38
		1855.0	22.77	21.88	20.47	17.45
	1 RB low	1905.0	22.51	21.67	20.84	17.53
		1880.0	22.68	21.77	20.80	17.47
		1855.0	22.73	21.86	20.96	17.65
	50% RB mid	1905.0	21.59	20.67	19.44	17.51
		1880.0	21.68	20.67	19.37	17.40
		1855.0	21.82	20.83	19.48	17.54
	100% RB	1905.0	21.60	20.62	19.42	17.42
		1880.0	21.65	20.65	19.37	17.34
		1855.0	21.78	20.76	19.43	17.49
15MHz	1 RB high	1902.5	22.32	21.39	20.10	17.28
		1880.0	22.44	21.45	20.12	17.18
		1857.5	22.59	21.62	20.46	17.28
	1 RB low	1902.5	22.19	21.29	20.51	17.24
		1880.0	22.45	21.61	20.73	17.25
		1857.5	22.51	21.49	20.71	17.31
	50% RB mid	1902.5	21.47	20.44	19.20	17.23
		1880.0	21.51	20.55	19.21	17.18
		1857.5	21.71	20.68	19.33	17.30
	100% RB	1902.5	21.48	20.44	19.25	17.23
		1880.0	21.51	20.53	19.18	17.22
		1857.5	21.60	20.61	19.25	17.27
20MHz	1 RB high	1900.0	22.28	21.49	20.32	17.25
		1880.0	22.46	21.44	20.14	17.27
		1860.0	22.46	21.62	20.26	17.27
	1 RB low	1900.0	22.24	21.41	20.27	17.28
		1880.0	22.48	21.59	20.66	17.40
		1860.0	22.50	21.68	20.65	17.25
	50% RB mid	1900.0	21.43	20.44	19.22	17.23
		1880.0	21.54	20.53	19.24	17.24

		1860.0	21.67	20.68	19.31	17.35
	100% RB	1900.0	21.42	20.42	19.23	17.22
		1880.0	21.49	20.48	19.22	17.25
		1860.0	21.61	20.63	19.31	17.30

LTE band 4

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
1.4MHz	1 RB high	1754.3	23.00	22.24	20.89	17.97
		1732.5	23.08	22.12	21.04	18.03
		1710.7	23.02	22.21	20.98	17.87
	1 RB low	1754.3	22.98	22.24	21.16	18.07
		1732.5	23.08	22.18	21.37	18.04
		1710.7	23.03	22.12	21.07	17.96
	50% RB mid	1754.3	23.09	22.25	21.05	17.93
		1732.5	23.16	22.26	20.83	17.92
		1710.7	23.12	22.25	21.06	17.85
	100% RB	1754.3	22.03	21.04	19.85	17.97
		1732.5	22.16	21.11	19.74	17.74
		1710.7	22.12	21.25	19.84	17.82
3MHz	1 RB high	1753.5	23.02	22.29	20.85	18.05
		1732.5	23.12	22.22	20.94	17.94
		1711.5	23.02	22.12	21.00	17.98
	1 RB low	1753.5	23.02	22.11	21.14	17.92
		1732.5	23.06	22.28	21.24	17.88
		1711.5	23.00	22.08	21.33	17.96
	50% RB mid	1753.5	22.15	21.16	19.88	17.95
		1732.5	22.19	21.18	19.82	17.86
		1711.5	22.18	21.29	19.99	18.01
	100% RB	1753.5	22.10	21.10	19.92	17.95
		1732.5	22.13	21.08	19.80	17.90
		1711.5	22.15	21.26	19.90	17.96
5MHz	1 RB high	1752.5	23.09	22.34	21.07	18.09
		1732.5	23.16	22.26	20.80	17.81
		1712.5	23.13	22.24	21.07	18.07
	1 RB low	1752.5	23.06	22.25	21.18	18.02
		1732.5	23.14	22.18	21.24	17.92
		1712.5	23.05	22.19	21.21	18.04
	50% RB mid	1752.5	22.15	21.18	19.93	18.01
		1732.5	22.14	21.16	19.77	17.88
		1712.5	22.16	21.24	19.95	18.03
	100% RB	1752.5	22.11	21.10	19.92	17.96
		1732.5	22.09	21.08	19.77	17.91

		1712.5	22.18	21.18	19.96	17.97
10MHz	1 RB high	1750.0	23	22.15	20.83	17.95
		1732.5	23.05	22.12	21.14	17.99
		1715.0	23.06	22.13	21.00	17.99
	1 RB low	1750.0	22.84	22.08	21.10	17.82
		1732.5	23.01	22.24	21.36	17.94
		1715.0	22.95	22.11	21.24	18.07
	50% RB mid	1750.0	22.06	20.99	19.92	17.99
		1732.5	22.11	21.10	19.82	17.91
		1715.0	22.15	21.14	19.96	17.97
	100% RB	1750.0	22.00	21.03	19.92	18.00
		1732.5	22.10	21.06	19.77	17.88
		1715.0	22.12	21.13	19.93	17.98
15MHz	1 RB high	1747.5	22.86	22.02	20.75	17.75
		1732.5	22.99	22.12	20.92	17.77
		1717.5	22.99	21.95	20.93	17.74
	1 RB low	1747.5	22.71	21.89	21.01	17.71
		1732.5	22.87	21.91	21.01	17.78
		1717.5	22.80	21.91	20.95	17.79
	50% RB mid	1747.5	21.89	20.88	19.71	17.80
		1732.5	21.97	20.92	19.73	17.76
		1717.5	21.94	20.94	19.71	17.73
	100% RB	1747.5	21.89	20.91	19.74	17.75
		1732.5	21.95	20.94	19.71	17.76
		1717.5	21.92	20.83	19.63	17.62
20MHz	1 RB high	1745.0	22.9	22.05	20.64	17.71
		1732.5	23.02	22.04	20.96	17.74
		1720.0	22.94	22.10	20.86	17.84
	1 RB low	1745.0	22.78	22.02	21.02	17.86
		1732.5	22.92	22.03	21.12	17.81
		1720.0	22.86	21.90	20.98	17.86
	50% RB mid	1745.0	21.89	20.89	19.73	17.77
		1732.5	21.89	20.92	19.74	17.84
		1720.0	21.85	20.90	19.63	17.73
	100% RB	1745.0	21.87	20.86	19.73	17.74
		1732.5	21.90	20.89	19.72	17.76
		1720.0	21.82	20.82	19.61	17.68

LTE band 5

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
1.4MHz	1 RB high	848.3	23.33	22.43	21.02	18.16
		836.5	23.16	22.29	21.14	18.02
		824.7	23.17	22.23	21.62	18.56
	1 RB low	848.3	23.39	22.40	21.53	18.05
		836.5	23.17	22.18	21.42	18.16
		824.7	23.18	22.24	21.31	18.64
	50% RB mid	848.3	23.44	22.51	21.10	18.22
		836.5	23.23	22.35	21.18	18.23
		824.7	23.24	22.31	21.60	18.65
	100% RB	848.3	22.39	21.34	20.09	18.18
		836.5	22.14	21.23	19.94	17.89
		824.7	22.19	21.29	20.56	18.54
3MHz	1 RB high	847.5	23.35	22.37	21.20	18.16
		836.5	23.14	22.28	21.08	18.15
		825.5	23.11	22.23	21.27	18.31
	1 RB low	847.5	23.30	22.47	21.50	18.16
		836.5	23.13	22.27	21.43	18.06
		825.5	23.11	22.21	21.25	18.32
	50% RB mid	847.5	22.45	21.51	20.18	18.18
		836.5	22.24	21.26	20.01	18.12
		825.5	22.30	21.35	20.27	18.18
	100% RB	847.5	22.39	21.42	20.10	18.10
		836.5	22.15	21.15	20.05	18.09
		825.5	22.24	21.23	20.19	18.21
5MHz	1 RB high	846.5	23.41	22.57	21.19	18.09
		836.5	23.28	22.39	21.28	18.20
		826.5	23.20	22.37	21.26	18.37
	1 RB low	846.5	23.35	22.56	21.51	18.22
		836.5	23.13	22.22	21.18	18.17
		826.5	23.19	22.31	21.30	18.29
	50% RB mid	846.5	22.37	21.38	20.04	18.12
		836.5	22.21	21.27	20.13	18.05
		826.5	22.24	21.30	20.24	18.22
	100% RB	846.5	22.35	21.35	20.02	18.08
		836.5	22.18	21.19	19.99	18.05
		826.5	22.21	21.27	20.18	18.22
10MHz	1 RB high	844.0	23.27	22.39	21.14	18.18
		836.5	23.23	22.41	21.12	18.12
		829.0	23.17	22.39	21.29	18.27
	1 RB low	844.0	23.27	22.30	21.43	18.18

		836.5	23.14	22.40	21.42	18.12
		829.0	23.07	22.32	21.42	18.21
	50% RB mid	844.0	22.30	21.38	20.07	18.09
		836.5	22.23	21.26	20.08	18.09
		829.0	22.24	21.28	20.22	18.19
	100% RB	844.0	22.31	21.27	20.06	18.07
		836.5	22.21	21.17	20.01	18.08
		829.0	22.25	21.25	20.21	18.20

LTE band 7

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	2567.5	22.31	21.30	20.18	17.18
		2535.0	22.10	21.26	19.97	16.94
		2502.5	22.06	21.14	19.50	16.57
	1 RB low	2567.5	22.27	21.22	20.38	17.26
		2535.0	22.04	21.05	20.11	16.81
		2502.5	22.02	21.22	20.15	16.51
	50% RB mid	2567.5	21.36	20.50	19.04	17.18
		2535.0	21.09	20.14	18.70	16.84
		2502.5	21.09	20.02	18.58	16.57
	100% RB	2567.5	21.31	20.30	19.02	17.09
		2535.0	21.07	20.09	18.75	16.80
		2502.5	21.03	20.05	18.54	16.53
10MHz	1 RB high	2565.0	22.27	21.38	20.09	17.21
		2535.0	22.13	21.35	19.89	16.84
		2505.0	22.00	21.17	19.83	16.87
	1 RB low	2565.0	22.25	21.37	20.39	17.08
		2535.0	21.90	21.15	20.21	16.87
		2505.0	21.98	21.18	20.13	17.15
	50% RB mid	2565.0	21.38	20.40	19.08	17.14
		2535.0	21.06	20.11	18.76	16.86
		2505.0	21.05	20.07	18.85	16.95
	100% RB	2565.0	21.35	20.34	19.06	17.14
		2535.0	21.07	20.07	18.79	16.85
		2505.0	21.00	20.01	18.78	16.93
15MHz	1 RB high	2562.5	22.07	21.14	19.85	16.76
		2535.0	21.99	21.26	19.76	16.67
		2507.5	21.79	20.81	19.83	16.61
	1 RB low	2562.5	22.07	21.14	20.21	17.07
		2535.0	21.71	20.74	19.90	16.64
		2507.5	21.80	20.89	19.97	16.56
	50% RB mid	2562.5	21.23	20.19	18.88	16.92

		2535.0	20.89	19.90	18.61	16.70
		2507.5	21.03	19.91	18.75	16.68
	100% RB	2562.5	21.20	20.19	18.85	16.93
		2535.0	20.95	19.94	18.64	16.69
		2507.5	20.89	19.88	18.57	16.65
20MHz	1 RB high	2560.0	22.18	21.15	19.77	16.89
		2535.0	22.02	21.28	19.67	16.75
		2510.0	21.83	21.02	19.58	16.57
	1 RB low	2560.0	22.01	21.18	20.12	16.97
		2535.0	21.75	20.77	19.72	16.58
		2510.0	21.90	20.89	19.81	16.69
	50% RB mid	2560.0	21.21	20.23	18.95	16.96
		2535.0	20.92	19.96	18.67	16.75
		2510.0	20.84	19.85	18.57	16.73
	100% RB	2560.0	21.21	20.18	18.90	17.00
		2535.0	20.89	19.88	18.65	16.73
		2510.0	20.83	19.86	18.62	16.71

LTE band 12

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
1.4MHz	1 RB high	715.3	23.08	22.09	21.00	17.99
		707.5	23.19	22.30	21.14	18.08
		699.7	23.33	22.29	21.83	18.91
	1 RB low	715.3	23.03	22.06	21.36	17.97
		707.5	23.20	22.27	21.41	18.01
		699.7	23.35	22.40	21.52	18.97
	50% RB mid	715.3	23.10	22.19	20.96	17.98
		707.5	23.20	22.32	21.11	18.20
		699.7	23.34	22.41	21.93	18.89
	100% RB	715.3	22.11	21.12	20.06	18.01
		707.5	22.18	21.19	20.09	18.03
		699.7	22.40	21.31	20.81	18.89
3MHz	1 RB high	714.5	23.00	22.34	21.02	18.16
		707.5	23.16	22.40	21.18	18.12
		700.5	23.28	22.44	21.20	18.16
	1 RB low	714.5	23.02	22.10	21.29	18.02
		707.5	23.10	22.22	21.42	17.98
		700.5	23.25	22.41	21.60	18.27
	50% RB mid	714.5	22.22	21.21	20.04	18.14
		707.5	22.36	21.35	20.10	18.11
		700.5	22.41	21.45	20.19	18.21
	100% RB	714.5	22.08	21.11	19.96	17.96

		707.5	22.20	21.21	19.99	18.11
		700.5	22.41	21.34	20.12	18.18
5MHz	1 RB high	713.5	23.10	22.22	21.25	18.20
		707.5	23.20	22.28	21.10	18.23
		701.5	23.28	22.49	21.20	18.19
	1 RB low	713.5	23.12	22.20	21.25	18.17
		707.5	23.15	22.29	21.29	18.27
		701.5	23.29	22.49	21.37	18.26
	50% RB mid	713.5	22.12	21.20	20.02	18.05
		707.5	22.23	21.18	20.06	18.18
		701.5	22.38	21.35	20.13	18.19
	100% RB	713.5	22.13	21.12	19.97	18.03
		707.5	22.16	21.15	20.13	18.09
		701.5	22.40	21.37	20.09	18.17
10MHz	1 RB high	711.0	23.09	22.33	21.10	18.15
		707.5	23.23	22.35	21.09	18.09
		704.0	23.22	22.42	21.15	18.16
	1 RB low	711.0	23.14	22.28	21.31	18.17
		707.5	23.23	22.34	21.48	18.15
		704.0	23.27	22.46	21.40	18.20
	50% RB mid	711.0	22.24	21.29	20.14	18.14
		707.5	22.23	21.20	20.11	18.14
		704.0	22.39	21.39	20.15	18.25
	100% RB	711.0	22.24	21.23	20.11	18.14
		707.5	22.21	21.18	20.06	18.07
		704.0	22.37	21.35	20.10	18.18

LTE band 13

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	784.5	23.20	22.25	21.29	18.25
		782.0	23.26	22.33	21.35	18.48
		779.5	23.29	22.38	21.23	18.31
	1 RB low	784.5	23.18	22.37	21.24	18.34
		782.0	23.25	22.39	21.41	18.29
		779.5	23.25	22.29	21.30	18.32
	50% RB mid	784.5	22.27	21.28	20.26	18.30
		782.0	22.26	21.33	20.24	18.23
		779.5	22.35	21.41	20.37	18.32
	100% RB	784.5	22.29	21.28	20.29	18.27
		782.0	22.22	21.24	20.16	18.21
		779.5	22.35	21.35	20.36	18.29
10MHz	1 RB high	782.0	23.19	22.29	21.20	18.24

	1 RB low	782.0	23.18	22.32	21.38	18.28
	50% RB mid	782.0	22.25	21.35	20.22	18.25
	100% RB	782.0	22.30	21.31	20.20	18.32

LTE band 14

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	795.5	23.16	22.25	21.06	18.04
		793.0	23.13	22.14	21.11	18.05
		790.5	23.11	22.28	21.23	18.15
	1 RB low	795.5	23.18	22.30	21.19	18.21
		793.0	23.12	22.29	21.35	18.06
		790.5	23.15	22.19	21.24	18.23
	50% RB mid	795.5	22.20	21.22	20.08	18.10
		793.0	22.14	21.24	19.97	18.03
		790.5	22.18	21.31	20.17	18.19
	100% RB	795.5	22.18	21.14	19.99	18.03
		793.0	22.11	21.11	20.00	18.00
		790.5	22.16	21.16	20.12	18.22
10MHz	1 RB high	793.0	23.06	22.11	21.29	17.98
	1 RB low	793.0	23.13	22.27	21.51	18.26
	50% RB mid	793.0	22.15	21.16	20.13	18.11
	100% RB	793.0	22.10	21.10	20.08	18.13

LTE band 25

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
1.4MHz	1 RB high	1914.3	22.61	21.74	20.40	17.47
		1882.5	22.63	21.68	20.30	17.40
		1850.7	22.77	21.88	20.26	17.06
	1 RB low	1914.3	22.56	21.62	20.76	17.31
		1882.5	22.56	21.73	20.77	17.53
		1850.7	22.78	21.86	20.96	17.04
	50% RB mid	1914.3	22.67	21.73	20.34	17.37
		1882.5	22.67	21.76	20.54	17.43
		1850.7	22.83	22.01	20.08	16.94
	100% RB	1914.3	21.65	20.67	19.32	17.44
		1882.5	21.65	20.54	19.35	17.49
		1850.7	21.82	20.88	18.99	16.97
3MHz	1 RB high	1913.5	22.65	21.77	20.40	17.39
		1882.5	22.55	21.78	20.28	17.43
		1851.5	22.77	21.97	20.87	17.74
	1 RB low	1913.5	22.59	21.79	20.76	17.41

		1882.5	22.63	21.81	20.92	17.24
		1851.5	22.77	21.89	20.97	17.67
	50% RB mid	1913.5	21.69	20.76	19.42	17.36
		1882.5	21.61	20.71	19.35	17.42
		1851.5	21.89	20.91	19.63	17.63
	100% RB	1913.5	21.68	20.60	19.35	17.39
		1882.5	21.59	20.56	19.28	17.39
		1851.5	21.85	20.86	19.61	17.68
5MHz	1 RB high	1912.5	22.71	21.86	20.59	17.40
		1882.5	22.64	21.68	20.51	17.45
		1852.5	22.80	21.90	20.72	17.79
	1 RB low	1912.5	22.60	21.62	20.68	17.38
		1882.5	22.60	21.74	20.84	17.56
		1852.5	22.76	21.83	20.89	17.68
	50% RB mid	1912.5	21.65	20.77	19.41	17.45
		1882.5	21.65	20.74	19.37	17.39
		1852.5	21.86	20.93	19.71	17.75
	100% RB	1912.5	21.63	20.63	19.32	17.34
		1882.5	21.57	20.62	19.35	17.40
		1852.5	21.81	20.85	19.65	17.66
10MHz	1 RB high	1910.0	22.63	21.74	20.38	17.47
		1882.5	22.61	21.79	20.25	17.39
		1855.0	22.81	21.87	20.75	17.65
	1 RB low	1910.0	22.51	21.64	20.83	17.28
		1882.5	22.64	21.73	20.96	17.46
		1855.0	22.70	21.83	21.02	17.59
	50% RB mid	1910.0	21.66	20.63	19.32	17.35
		1882.5	21.65	20.68	19.33	17.41
		1855.0	21.75	20.79	19.53	17.64
	100% RB	1910.0	21.64	20.64	19.30	17.33
		1882.5	21.64	20.68	19.26	17.41
		1855.0	21.76	20.75	19.50	17.60
15MHz	1 RB high	1907.5	22.40	21.46	20.27	17.32
		1882.5	22.38	21.50	20.11	17.15
		1857.5	22.65	21.76	20.50	17.34
	1 RB low	1907.5	22.32	21.34	20.47	17.17
		1882.5	22.41	21.55	20.74	17.27
		1857.5	22.52	21.69	20.74	17.39
	50% RB mid	1907.5	21.49	20.49	19.11	17.12
		1882.5	21.49	20.51	19.17	17.17
		1857.5	21.67	20.65	19.35	17.34
	100% RB	1907.5	21.53	20.53	19.14	17.21
		1882.5	21.50	20.46	19.16	17.20

		1857.5	21.57	20.57	19.29	17.28
20MHz	1 RB high	1905.0	22.43	21.54	20.15	17.32
		1882.5	22.42	21.49	20.09	17.17
		1860.0	22.55	21.56	20.28	17.41
	1 RB low	1905.0	22.34	21.41	20.27	17.17
		1882.5	22.53	21.48	20.69	17.39
		1860.0	22.51	21.62	20.61	17.44
	50% RB mid	1905.0	21.50	20.52	19.19	17.20
		1882.5	21.51	20.48	19.21	17.22
		1860.0	21.64	20.61	19.38	17.37
	100% RB	1905.0	21.51	20.48	19.19	17.25
		1882.5	21.46	20.49	19.18	17.22
		1860.0	21.63	20.61	19.34	17.38

LTE band 26(814MHz~824MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	22.99	22.11	21.17
		819.0	22.97	22.08	21.20
		814.7	23.02	22.07	21.14
	1 RB low	823.3	22.98	22.12	21.15
		819.0	22.91	22.04	21.00
		814.7	23.08	22.14	21.19
	50% RB mid	823.3	23.06	22.18	21.18
		819.0	23.02	22.10	21.06
		814.7	23.04	22.14	21.16
	100% RB	823.3	22.01	21.06	20.05
		819.0	22.02	20.85	20.08
		814.7	22.03	21.11	20.03
3MHz	1 RB high	822.5	23.00	22.10	21.23
		819.0	22.98	21.92	21.02
		815.5	22.94	22.09	21.07
	1 RB low	822.5	23.06	22.12	21.06
		819.0	22.98	21.99	20.96
		815.5	22.93	22.10	21.00
	50% RB mid	822.5	22.08	21.13	20.23
		819.0	22.06	21.12	20.15
		815.5	22.08	21.14	20.16
	100% RB	822.5	22.09	21.08	20.10
		819.0	22.03	21.00	20.08
		815.5	22.03	21.05	20.05
5MHz	1 RB high	821.5	23.02	22.25	21.23
		819.0	23.03	22.15	21.21

		816.5	23.07	22.06	21.10
	1 RB low	821.5	23.04	22.29	21.19
		819.0	23.05	22.19	21.04
		816.5	22.98	22.10	21.12
	50% RB mid	821.5	22.12	21.09	20.07
		819.0	22.05	21.28	20.03
		816.5	22.08	21.11	20.10
	100% RB	821.5	22.05	21.11	20.09
		819.0	22.04	21.06	20.07
		816.5	22.08	21.06	20.04
10MHz	1 RB high	819.0	23.02	22.15	21.13
	1 RB low	819.0	23.02	22.17	21.36
	50% RB mid	819.0	22.10	21.08	20.11
	100% RB	819.0	22.10	21.07	20.11

LTE band 26(824MHz~849MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	23.14	22.25	21.47
		836.5	23.20	22.32	21.31
		824.7	23.09	22.02	21.35
	1 RB low	848.3	23.19	22.23	21.45
		836.5	23.24	22.27	21.34
		824.7	23.09	22.14	21.23
	50% RB mid	848.3	23.23	22.33	21.43
		836.5	23.26	22.36	21.37
		824.7	23.14	22.23	21.26
	100% RB	848.3	22.21	21.05	20.23
		836.5	22.24	21.27	20.23
		824.7	22.13	21.22	20.09
3MHz	1 RB high	847.5	23.12	22.25	21.19
		836.5	23.17	22.26	21.18
		825.5	23.17	22.34	21.43
	1 RB low	847.5	23.15	22.27	21.39
		836.5	23.12	22.16	21.35
		825.5	23.13	22.19	21.41
	50% RB mid	847.5	22.24	21.26	20.30
		836.5	22.23	21.26	20.19
		825.5	22.27	21.32	20.37
	100% RB	847.5	22.20	21.18	20.21
		836.5	22.22	21.22	20.23
		825.5	22.20	21.20	20.28
5MHz	1 RB high	846.5	23.21	22.42	21.27
		836.5	23.23	22.37	21.34

		826.5	23.22	22.34	21.46
	1 RB low	846.5	23.21	22.33	21.50
		836.5	23.20	22.34	21.37
		826.5	23.19	22.32	21.20
	50% RB mid	846.5	22.27	21.29	20.33
		836.5	22.29	21.29	20.31
		826.5	22.27	21.40	20.28
	100% RB	846.5	22.25	21.26	20.26
		836.5	22.20	21.24	20.28
		826.5	22.25	21.28	20.23
10MHz	1 RB high	844.0	23.15	22.28	21.45
		836.5	23.20	22.28	21.24
		829.0	23.18	22.38	21.53
	1 RB low	844.0	23.20	22.29	21.36
		836.5	23.17	22.27	21.30
		829.0	23.13	22.33	21.43
	50% RB mid	844.0	22.17	21.19	20.20
		836.5	22.24	21.25	20.28
		829.0	22.27	21.35	20.33
	100% RB	844.0	22.16	21.19	20.25
		836.5	22.19	21.24	20.25
		829.0	22.27	21.28	20.28
15MHz	1 RB high	841.5	22.94	22.06	21.04
		836.5	22.86	22.10	21.00
		831.5	22.88	22.02	21.17
	1 RB low	841.5	22.95	21.97	21.20
		836.5	22.92	21.94	21.11
		831.5	22.77	21.79	21.03
	50% RB mid	841.5	22.15	21.18	20.15
		836.5	22.08	21.10	20.07
		831.5	21.92	20.95	19.94
	100% RB	841.5	22.20	21.17	20.18
		836.5	22.09	21.07	20.07
		831.5	21.98	20.95	19.95

LTE band 30

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	2312.5	22.44	21.52	20.57	17.61
		2310.0	22.49	21.49	20.62	17.66
		2307.5	22.38	21.63	20.70	17.82
	1 RB low	2312.5	22.51	21.59	20.69	17.75
		2310.0	22.51	21.51	20.64	17.68

		2307.5	22.30	21.56	20.52	17.60
	50% RB mid	2312.5	21.53	20.54	19.63	17.60
		2310.0	21.49	20.57	19.52	17.51
		2307.5	21.57	20.57	19.63	17.63
	100% RB	2312.5	21.49	20.53	19.50	17.52
		2310.0	21.44	20.48	19.42	17.54
		2307.5	21.53	20.54	19.61	17.60
10MHz	1 RB high	2310.0	22.45	21.50	20.56	17.23
	1 RB low	2310.0	22.49	21.75	20.70	17.57
	50% RB mid	2310.0	21.50	20.52	19.52	17.55
	100% RB	2310.0	21.48	20.43	19.54	17.55

LTE band 38

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	2617.5	22.33	21.39	20.47	17.33
		2595.0	22.33	21.39	20.46	17.38
		2572.5	22.59	21.60	20.70	17.87
	1 RB low	2617.5	22.27	21.45	20.38	17.42
		2595.0	22.40	21.56	20.51	17.44
		2572.5	22.61	21.66	20.69	17.90
	50% RB mid	2617.5	21.38	20.45	19.43	17.36
		2595.0	21.42	20.44	19.45	17.44
		2572.5	21.71	20.65	19.77	17.75
	100% RB	2617.5	21.36	20.32	19.37	17.33
		2595.0	21.39	20.38	19.42	17.44
		2572.5	21.63	20.62	19.62	17.66
10MHz	1 RB high	2615.0	22.18	21.36	20.59	17.39
		2595.0	22.30	21.34	20.39	17.27
		2575.0	22.50	21.59	20.66	17.57
	1 RB low	2615.0	22.17	21.37	20.52	17.44
		2595.0	22.44	21.52	20.62	17.65
		2575.0	22.57	21.55	20.60	17.66
	50% RB mid	2615.0	21.31	20.41	19.37	17.32
		2595.0	21.46	20.52	19.46	17.45
		2575.0	21.61	20.61	19.62	17.64
	100% RB	2615.0	21.29	20.28	19.30	17.30
		2595.0	21.41	20.40	19.42	17.49
		2575.0	21.58	20.59	19.59	17.60
15MHz	1 RB high	2612.5	22.04	21.19	20.28	17.33
		2595.0	21.98	21.11	20.20	17.17
		2577.5	22.24	21.35	20.47	17.65
	1 RB low	2612.5	22.10	21.27	20.29	17.33

		2595.0	22.21	21.42	20.51	17.41
		2577.5	22.30	21.50	20.67	17.53
	50% RB mid	2612.5	21.21	20.21	19.21	17.21
		2595.0	21.26	20.27	19.27	17.26
		2577.5	21.47	20.46	19.47	17.45
	100% RB	2612.5	21.24	20.23	19.21	17.23
		2595.0	21.29	20.26	19.31	17.27
		2577.5	21.48	20.44	19.44	17.45
20MHz	1 RB high	2610.0	22.07	21.28	20.21	17.18
		2595.0	21.97	21.22	20.16	17.16
		2580.0	22.16	21.34	20.51	17.46
	1 RB low	2610.0	22.14	21.20	20.25	17.29
		2595.0	22.29	21.45	20.49	17.37
		2580.0	22.38	21.49	20.65	17.45
	50% RB mid	2610.0	21.22	20.20	19.22	17.26
		2595.0	21.20	20.23	19.30	17.25
		2580.0	21.41	20.41	19.45	17.48
	100% RB	2610.0	21.21	20.20	19.21	17.24
		2595.0	21.27	20.27	19.21	17.24
		2580.0	21.40	20.39	19.42	17.43

LTE band 41

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	2687.5	25.80	24.86	23.97	20.98
		2593.0	25.90	24.89	24.13	21.04
		2498.5	25.36	24.36	23.38	20.33
	1 RB low	2687.5	25.77	24.83	23.86	20.91
		2593.0	25.93	25.04	24.09	20.91
		2498.5	25.43	24.41	23.55	20.30
	50% RB mid	2687.5	24.87	23.97	22.82	20.81
		2593.0	25.00	24.11	22.96	20.96
		2498.5	24.43	23.37	22.49	20.38
	100% RB	2687.5	24.81	23.84	22.84	20.74
		2593.0	24.94	23.90	22.90	20.91
		2498.5	24.36	23.32	22.27	20.32
10MHz	1 RB high	2685.0	25.78	24.85	23.90	20.68
		2593.0	25.84	24.96	23.98	20.89
		2501.0	25.27	24.35	23.58	20.30
	1 RB low	2685.0	25.86	24.91	24.02	20.83
		2593.0	25.89	24.95	24.08	20.97
		2501.0	25.47	24.50	23.47	20.31
	50% RB mid	2685.0	24.88	23.93	22.88	20.80

		2593.0	24.93	23.95	22.90	20.84
		2501.0	24.36	23.48	22.38	20.35
	100% RB	2685.0	24.84	23.85	22.83	20.77
		2593.0	24.92	23.87	22.86	20.84
		2501.0	24.35	23.30	22.29	20.26
15MHz	1 RB high	2682.5	25.70	24.95	24.11	20.74
		2593.0	25.61	24.76	23.80	20.74
		2503.5	24.99	24.06	23.21	19.96
	1 RB low	2682.5	25.87	24.96	24.13	20.98
		2593.0	25.70	24.87	23.89	20.87
		2503.5	25.16	24.32	23.40	20.22
	50% RB mid	2682.5	24.87	23.87	22.84	20.77
		2593.0	24.80	23.79	22.76	20.76
		2503.5	24.24	23.25	22.20	20.13
	100% RB	2682.5	24.89	23.89	22.88	20.79
		2593.0	24.88	23.80	22.77	20.71
		2503.5	24.24	23.21	22.20	20.12
20MHz	1 RB high	2680.0	25.71	24.94	24.07	20.74
		2593.0	25.69	24.92	23.82	20.75
		2506.0	25.07	24.20	23.13	20.25
	1 RB low	2680.0	26.06	25.16	24.21	21.04
		2593.0	25.91	25.02	24.00	20.87
		2506.0	25.27	24.45	23.26	20.38
	50% RB mid	2680.0	24.98	23.95	22.93	20.89
		2593.0	24.81	23.84	22.85	20.77
		2506.0	24.25	23.19	22.18	20.20
	100% RB	2680.0	24.94	23.93	22.98	20.90
		2593.0	24.80	23.79	22.78	20.77
		2506.0	24.23	23.22	22.23	20.15

LTE band 42(3450MHz~3550MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	3547.5	22.83	21.91	20.92	17.89
		3500.0	22.83	22.03	21.14	18.09
		3452.5	22.90	22.00	21.03	18.09
	1 RB low	3547.5	22.84	21.97	21.13	17.85
		3500.0	22.82	22.04	21.17	17.79
		3452.5	22.88	21.92	20.81	17.93
	50% RB mid	3547.5	21.91	20.93	19.98	17.83
		3500.0	21.98	21.01	20.00	17.91
		3452.5	22.00	20.95	19.98	17.92
	100% RB	3547.5	21.86	20.84	19.81	17.76
		3500.0	21.84	20.87	19.84	17.78
		3452.5	21.95	20.90	19.98	17.88
10MHz	1 RB high	3545.0	22.78	21.90	21.05	17.82
		3500.0	22.88	21.99	21.06	17.99
		3455.0	22.93	22.10	21.00	17.93
	1 RB low	3545.0	22.88	22.01	20.88	17.87
		3500.0	22.90	21.94	20.98	17.78
		3455.0	22.94	22.06	20.98	17.80
	50% RB mid	3545.0	21.88	20.94	19.91	17.82
		3500.0	21.88	20.87	19.89	17.82
		3455.0	21.98	21.01	20.04	17.95
	100% RB	3545.0	21.88	20.85	19.84	17.83
		3500.0	21.82	20.86	19.85	17.75
		3455.0	21.97	20.96	19.94	17.89
15MHz	1 RB high	3542.5	22.58	21.82	20.85	17.77
		3500.0	22.59	21.66	20.91	17.84
		3457.5	22.64	21.81	20.97	17.94
	1 RB low	3542.5	22.63	21.90	20.99	17.92
		3500.0	22.60	21.72	20.94	17.78
		3457.5	22.71	21.75	21.01	17.81
	50% RB mid	3542.5	21.79	20.86	19.81	17.75
		3500.0	21.73	20.78	19.73	17.65
		3457.5	21.85	20.84	19.84	17.74
	100% RB	3542.5	21.83	20.85	19.89	17.71
		3500.0	21.75	20.71	19.80	17.60
		3457.5	21.84	20.83	19.82	17.71
20MHz	1 RB high	3540.0	22.62	21.89	20.87	17.91
		3500.0	22.78	21.90	20.84	17.79
		3460.0	22.58	21.95	20.78	17.90
	1 RB low	3540.0	22.74	21.95	20.80	17.92

		3500.0	22.59	21.55	20.87	17.80
		3460.0	22.83	22.07	20.72	17.85
	50% RB mid	3540.0	21.78	20.86	19.86	17.78
		3500.0	21.74	20.74	19.74	17.68
		3460.0	21.95	20.86	19.88	17.77
	100% RB	3540.0	21.81	20.82	19.86	17.76
		3500.0	21.73	20.74	19.71	17.64
		3460.0	21.90	20.84	19.83	17.75

LTE band 42(3550MHz~3600MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	3597.5	22.65	21.79	20.87	17.76
		3575.0	22.61	21.71	20.72	17.65
		3552.5	22.88	22.15	21.24	17.92
	1 RB low	3597.5	22.62	21.81	20.87	17.76
		3575.0	22.69	21.84	20.70	17.66
		3552.5	22.89	22.02	21.04	18.03
	50% RB mid	3597.5	21.72	20.72	19.78	17.62
		3575.0	21.67	20.74	19.68	17.63
		3552.5	21.94	20.98	20.04	17.88
	100% RB	3597.5	21.66	20.65	19.66	17.59
		3575.0	21.61	20.70	19.68	17.58
		3552.5	21.87	20.95	19.90	17.81
10MHz	1 RB high	3595.0	22.63	21.67	20.84	17.66
		3575.0	22.58	21.84	20.72	17.85
		3555.0	22.66	21.86	20.83	17.74
	1 RB low	3595.0	22.66	21.61	20.83	17.70
		3575.0	22.59	21.74	20.76	17.67
		3555.0	22.76	21.91	20.99	17.89
	50% RB mid	3595.0	21.67	20.68	19.64	17.61
		3575.0	21.66	20.75	19.71	17.62
		3555.0	21.78	20.83	19.87	17.76
	100% RB	3595.0	21.65	20.66	19.65	17.56
		3575.0	21.64	20.69	19.64	17.60
		3555.0	21.80	20.80	19.77	17.71
15MHz	1 RB high	3592.5	22.30	21.34	20.49	17.50
		3575.0	22.33	21.43	20.41	17.46
		3557.5	22.59	21.65	20.80	17.62
	1 RB low	3592.5	22.35	21.32	20.49	17.48
		3575.0	22.41	21.48	20.53	17.51

		3557.5	22.63	21.69	20.92	17.75
	50% RB mid	3592.5	21.48	20.53	19.47	17.40
		3575.0	21.50	20.57	19.52	17.42
		3557.5	21.76	20.77	19.69	17.67
	100% RB	3592.5	21.52	20.48	19.48	17.41
		3575.0	21.53	20.55	19.51	17.44
		3557.5	21.78	20.77	19.75	17.64
20MHz	1 RB high	3590.0	22.36	21.59	20.61	17.50
		3575.0	22.41	21.62	20.62	17.56
		3560.0	22.58	21.45	20.59	17.75
	1 RB low	3590.0	22.37	21.46	20.57	17.61
		3575.0	22.46	21.74	20.65	17.63
		3560.0	22.74	21.72	20.84	17.82
	50% RB mid	3590.0	21.45	20.46	19.48	17.40
		3575.0	21.53	20.55	19.52	17.43
		3560.0	21.79	20.82	19.81	17.72
	100% RB	3590.0	21.48	20.44	19.44	17.39
		3575.0	21.53	20.54	19.53	17.45
		3560.0	21.77	20.78	19.80	17.70

LTE band 43 (3600MHz~3700MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	3697.5	22.87	22.01	20.94	17.90
		3650.0	22.62	21.73	20.84	17.83
		3602.5	22.73	22.01	21.01	17.81
	1 RB low	3697.5	22.87	22.10	21.07	17.87
		3650.0	22.70	21.72	20.81	17.81
		3602.5	22.68	22.07	20.98	17.86
	50% RB mid	3697.5	21.97	20.95	19.96	17.91
		3650.0	21.76	20.82	19.89	17.68
		3602.5	21.82	20.86	19.85	17.81
	100% RB	3697.5	21.91	20.92	19.94	17.86
		3650.0	21.70	20.74	19.74	17.61
		3602.5	21.76	20.81	19.77	17.73
10MHz	1 RB high	3695.0	22.88	21.94	20.96	17.88
		3650.0	22.64	21.73	20.87	17.69
		3605.0	22.78	21.85	21.01	17.98
	1 RB low	3695.0	22.84	21.90	20.98	17.76
		3650.0	22.67	21.84	21.00	17.65
		3605.0	22.78	22.00	20.96	17.79

	50% RB mid	3695.0	21.90	20.99	19.93	17.89
		3650.0	21.73	20.75	19.78	17.73
		3605.0	21.92	21.01	19.94	17.86
	100% RB	3695.0	21.93	20.89	19.98	17.84
		3650.0	21.71	20.77	19.72	17.64
		3605.0	21.90	20.91	19.88	17.82
15MHz	1 RB high	3692.5	22.59	21.65	20.79	17.73
		3650.0	22.22	21.22	20.35	17.54
		3607.5	22.59	21.63	20.67	17.73
	1 RB low	3692.5	22.50	21.61	20.64	17.40
		3650.0	22.43	21.60	20.42	17.59
		3607.5	22.55	21.64	20.71	17.66
	50% RB mid	3692.5	21.68	20.68	19.72	17.64
		3650.0	21.36	20.50	19.53	17.47
		3607.5	21.72	20.68	19.72	17.68
	100% RB	3692.5	21.67	20.69	19.66	17.62
		3650.0	21.36	20.52	19.53	17.50
		3607.5	21.71	20.71	19.67	17.65
20MHz	1 RB high	3690.0	22.59	21.84	20.91	17.76
		3650.0	22.33	21.38	20.59	17.54
		3610.0	22.67	21.80	20.61	17.83
	1 RB low	3690.0	22.72	21.68	20.71	17.67
		3650.0	22.48	21.47	20.61	17.65
		3610.0	22.60	21.68	20.59	17.69
	50% RB mid	3690.0	21.69	20.75	19.71	17.70
		3650.0	21.45	20.55	19.57	17.49
		3610.0	21.87	20.84	19.76	17.71
	100% RB	3690.0	21.66	20.69	19.75	17.67
		3650.0	21.42	20.51	19.54	17.44
		3610.0	21.81	20.85	19.75	17.66

LTE band 48

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	3697.5	22.58	21.64	20.72	17.70
		3625.0	22.66	21.78	20.84	17.64
		3552.5	22.85	21.95	20.99	17.96
	1 RB low	3697.5	22.59	21.64	20.83	17.73
		3625.0	22.63	21.80	20.81	17.59
		3552.5	22.85	22.04	20.90	17.91
	50% RB mid	3697.5	21.72	20.77	19.71	17.65

		3625.0	21.72	20.70	19.74	17.66
		3552.5	21.93	21.00	19.90	17.91
	100% RB	3697.5	21.67	20.68	19.70	17.57
		3625.0	21.68	20.68	19.74	17.68
		3552.5	21.88	20.95	19.90	17.87
10MHz	1 RB high	3695.0	22.68	21.84	20.87	17.81
		3625.0	22.67	21.76	20.84	17.64
		3555.0	22.85	22.02	21.09	17.91
	1 RB low	3695.0	22.64	21.69	20.93	17.56
		3625.0	22.66	21.81	20.84	17.79
		3555.0	22.87	22.01	21.06	18.08
	50% RB mid	3695.0	21.68	20.73	19.72	17.63
		3625.0	21.78	20.81	19.78	17.67
		3555.0	21.95	21.04	19.98	17.88
	100% RB	3695.0	21.64	20.67	19.65	17.60
		3625.0	21.75	20.74	19.72	17.63
		3555.0	21.97	20.94	19.89	17.84
15MHz	1 RB high	3692.5	22.48	21.59	20.77	17.61
		3625.0	22.38	21.49	20.61	17.41
		3557.5	22.64	21.77	20.87	17.74
	1 RB low	3692.5	22.51	21.52	20.83	17.58
		3625.0	22.46	21.54	20.71	17.63
		3557.5	22.72	21.90	20.87	17.75
	50% RB mid	3692.5	21.69	20.67	19.67	17.59
		3625.0	21.55	20.60	19.56	17.48
		3557.5	21.79	20.75	19.75	17.73
	100% RB	3692.5	21.72	20.70	19.65	17.57
		3625.0	21.55	20.54	19.53	17.48
		3557.5	21.81	20.75	19.73	17.74
20MHz	1 RB high	3690.0	22.53	21.68	20.77	17.76
		3625.0	22.39	21.47	20.45	17.44
		3560.0	22.66	21.81	20.67	17.80
	1 RB low	3690.0	22.54	21.59	20.67	17.54
		3625.0	22.51	21.60	20.76	17.57
		3560.0	22.74	21.89	20.87	17.89
	50% RB mid	3690.0	21.63	20.66	19.65	17.52
		3625.0	21.51	20.57	19.53	17.51
		3560.0	21.83	20.85	19.83	17.81
	100% RB	3690.0	21.61	20.61	19.61	17.54
		3625.0	21.52	20.55	19.57	17.51
		3560.0	21.82	20.82	19.81	17.80

LTE band 66

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
1.4MHz	1 RB high	1779.3	22.76	21.79	20.72	17.94
		1745.0	22.73	21.75	20.88	18.02
		1710.7	22.52	21.67	20.75	17.84
	1 RB low	1779.3	22.76	21.77	20.85	17.77
		1745.0	22.76	21.80	21.03	17.98
		1710.7	22.53	21.68	20.71	17.78
	50% RB mid	1779.3	22.80	21.96	20.93	17.88
		1745.0	22.81	21.89	20.93	17.83
		1710.7	22.64	21.68	20.77	17.81
	100% RB	1779.3	21.75	20.76	19.80	17.97
		1745.0	21.73	20.75	19.72	17.86
		1710.7	21.59	20.60	19.57	17.62
3MHz	1 RB high	1778.5	22.67	21.89	20.78	17.86
		1745.0	22.64	21.82	20.83	17.76
		1711.5	22.85	21.94	20.98	18.02
	1 RB low	1778.5	22.73	21.89	20.85	17.93
		1745.0	22.72	21.85	20.85	17.98
		1711.5	22.88	21.98	21.02	18.01
	50% RB mid	1778.5	21.86	20.89	19.90	17.93
		1745.0	21.86	20.89	19.86	17.91
		1711.5	21.88	20.99	19.95	17.97
	100% RB	1778.5	21.83	20.82	19.82	17.90
		1745.0	21.73	20.74	19.81	17.83
		1711.5	21.89	20.89	19.89	17.98
5MHz	1 RB high	1777.5	22.78	22.03	20.89	17.90
		1745.0	22.76	21.83	20.77	17.93
		1712.5	22.90	22.10	21.14	18.12
	1 RB low	1777.5	22.78	21.96	20.99	17.92
		1745.0	22.81	21.94	21.01	17.94
		1712.5	22.93	22.05	21.19	18.13
	50% RB mid	1777.5	21.82	20.88	19.88	17.97
		1745.0	21.74	20.86	19.94	17.85
		1712.5	21.95	20.98	20.10	18.09
	100% RB	1777.5	21.80	20.84	19.83	17.88
		1745.0	21.73	20.67	19.75	17.84
		1712.5	21.93	20.94	19.92	18.03
10MHz	1 RB high	1775.0	22.7	21.86	20.90	17.90
		1745.0	22.67	21.80	20.85	17.90
		1715.0	22.79	21.86	20.98	17.91

	1 RB low	1775.0	22.75	21.97	20.89	17.91
		1745.0	22.69	21.88	20.87	18.00
		1715.0	22.86	21.88	21.07	18.04
	50% RB mid	1775.0	21.85	20.92	19.88	17.93
		1745.0	21.74	20.75	19.77	17.83
		1715.0	21.95	20.98	19.93	17.98
	100% RB	1775.0	21.80	20.81	19.81	17.94
		1745.0	21.72	20.72	19.73	17.81
		1715.0	21.88	20.91	19.94	18.00
15MHz	1 RB high	1772.5	22.51	21.71	20.67	17.67
		1745.0	22.57	21.66	20.92	17.78
		1717.5	22.57	21.69	20.83	17.72
	1 RB low	1772.5	22.53	21.65	20.78	17.66
		1745.0	22.62	21.75	20.82	17.76
		1717.5	22.60	21.64	20.88	17.94
	50% RB mid	1772.5	21.66	20.67	19.67	17.66
		1745.0	21.61	20.62	19.62	17.63
		1717.5	21.66	20.66	19.63	17.68
	100% RB	1772.5	21.68	20.65	19.65	17.66
		1745.0	21.63	20.60	19.61	17.64
		1717.5	21.68	20.67	19.64	17.61
20MHz	1 RB high	1770.0	22.49	21.52	20.66	17.63
		1745.0	22.67	21.78	20.72	17.69
		1720.0	22.63	21.81	20.71	17.62
	1 RB low	1770.0	22.56	21.71	20.58	17.53
		1745.0	22.70	21.85	20.85	17.82
		1720.0	22.74	21.82	20.90	17.87
	50% RB mid	1770.0	21.61	20.64	19.62	17.68
		1745.0	21.60	20.64	19.65	17.70
		1720.0	21.62	20.65	19.65	17.68
	100% RB	1770.0	21.60	20.64	19.63	17.70
		1745.0	21.62	20.62	19.62	17.66
		1720.0	21.61	20.60	19.62	17.67

LTE band 71

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)			
			QPSK	16QAM	64QAM	256QAM
5MHz	1 RB high	695.5	23.12	22.20	21.23	18.41
		680.5	23.26	22.36	21.32	18.33
		665.5	23.62	22.77	21.65	18.71
	1 RB low	695.5	23.19	22.27	21.40	18.32
		680.5	23.27	22.37	21.37	18.36
		665.5	23.63	22.73	21.80	18.66
	50% RB mid	695.5	22.23	21.24	20.23	18.26
		680.5	22.21	21.27	20.23	18.28
		665.5	22.68	21.67	20.69	18.69
	100% RB	695.5	22.23	21.22	20.19	18.23
		680.5	22.17	21.17	20.26	18.23
		665.5	22.66	21.62	20.65	18.66
10MHz	1 RB high	693.0	23.09	22.20	21.36	18.33
		680.5	23.16	22.26	21.46	18.46
		668.0	23.18	22.40	21.40	18.44
	1 RB low	693.0	23.19	22.41	21.47	18.31
		680.5	23.24	22.32	21.47	18.19
		668.0	23.23	22.42	21.51	18.33
	50% RB mid	693.0	22.25	21.24	20.23	18.26
		680.5	22.24	21.25	20.22	18.27
		668.0	22.32	21.32	20.25	18.36
	100% RB	693.0	22.20	21.19	20.20	18.26
		680.5	22.24	21.25	20.21	18.24
		668.0	22.29	21.27	20.30	18.35
15MHz	1 RB high	690.5	22.85	21.93	21.01	18.41
		680.5	22.85	21.96	21.25	18.26
		670.5	22.93	22.08	21.26	18.37
	1 RB low	690.5	23.04	22.16	21.28	18.24
		680.5	22.99	22.12	21.27	18.12
		670.5	22.94	22.05	21.21	18.29
	50% RB mid	690.5	22.04	21.04	20.04	18.09
		680.5	22.06	21.07	20.14	18.14
		670.5	22.13	21.14	20.14	18.16
	100% RB	690.5	22.04	21.06	20.07	18.06
		680.5	22.09	21.08	20.06	18.09
		670.5	22.18	21.19	20.18	18.21
20MHz	1 RB high	688.0	23.04	22.19	21.22	18.22
		680.5	23.04	22.05	21.31	18.32
		673.0	23.13	22.28	21.21	18.42
	1 RB low	688.0	23.16	22.28	21.38	18.39

		680.5	23.13	22.34	21.36	18.16
		673.0	23.08	22.16	21.23	18.13
	50% RB mid	688.0	22.11	21.14	20.14	18.16
		680.5	22.11	21.13	20.15	18.21
		673.0	22.21	21.21	20.23	18.21
	100% RB	688.0	22.09	21.11	20.06	18.18
		680.5	22.12	21.14	20.16	18.20
		673.0	22.21	21.22	20.19	18.26

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96