

A Test Lab Techno Corp.

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SAR EVALUATION REPORT

Test Report No.	: 1807FS16-01
Applicant	: Netgear Incorporated
Product Type	: Mobile Router
Trade Name	: NETGEAR
Model Number	: MR1100-330
Date of Received	: Jan. 11, 2018
Test Period	: Jan. 25, 2018
Date of Issued	: Aug. 21, 2018
Test Environment	: Ambient Temperature : $22 \pm 2^{\circ} \text{C}$ Relative Humidity : 40 - 70 %
Standard	: ANSI/IEEE C95.1-1992 / IEEE Std. 1528-2013 47 CFR Part §2.1093 KDB 865664 D01 v01r04 / KDB 865664 D02 v01r02 KDB 447498 D01 v06 / KDB 941225 D01 v03r01 KDB 941225 D05 v02r05 / KDB 941225 D05A LTE v01r02 KDB 941225 D06 v02r01 / KDB 248227 D01 v02r02
Test Lab Location	: Chang-an Lab
Test Firm MRA designation number	: TW0010



1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
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Approved By : Yung-Tan Tsai

(Yung Tan Tsai)

Tested By : Yanzen Liao

(Yanzen Liao)



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1. Description of Equipment under Test (EUT)

Applicant	Netgear Incorporated 350 East Plumeria Drive, San Jose, California, United States 95134	
Manufacture	Netgear Inc. Suite 168 - 10760 Shellbridge Way, Richmond, BC Canada V6X 3H1	
Product Type	Mobile Router	
Trade Name	NETGEAR	
Model Number	MR1100-330	
IMEI No.	015161000	
FCC ID	PY317200378	
Class II Permissive Change	Add LTE Band 46 (only RX) by software	
RF Function	Operate Bands	Operate Frequency (MHz)
	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II	1852.4 - 1907.6
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band V	826.4 - 846.6
	LTE Band 2 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1850.0 - 1910.0
	LTE Band 4 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1710.0 - 1754.9
	LTE Band 5 (BW 1.4, 3, 5, 10 MHz)	824.0 - 849.0
	LTE Band 7 (BW 5, 10, 15, 20 MHz)	2500.0 - 2570.0
	LTE Band 12 (BW 1.4, 3, 5, 10 MHz)	699.0 - 716.0
	LTE Band 14 (BW 5, 10 MHz)	788 - 798
	LTE Band 30 (BW 5, 10 MHz)	2305.0 - 2315.0
	LTE Band 66 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1710.0 - 1755.0
	IEEE 802.11b / 802.11g	2412 - 2462
	IEEE 802.11n 2.4GHz 20MHz (256QAM)	
	IEEE 802.11n 2.4GHz 40MHz (256QAM)	2422 - 2452
	IEEE 802.11a	5180 - 5825
	IEEE 802.11n 5GHz 20MHz	5180 - 5825
	IEEE 802.11ac 20MHz	
	IEEE 802.11n 5GHz 40MHz	5190 - 5795
	IEEE 802.11ac 40MHz	
IEEE 802.11ac 80MHz	5210 - 5775	
CA Spec: LTE Band 46(BW 20 MHz) 2CA Band 2A+46A_DL CA 3CA Band 2A+46C_DL CA 4CA Band 2A+46D_DL CA 2CA Band 66A+46A_DL CA 3CA Band 66A+46C_DL CA 4CA Band 66A+46D_DL CA		
Antenna Type	PIFA Antenna	



Battery Option	Standard
	(1) Trade mark: NETGEAR Model Name: W-10a Spec: 3.85V, 5040mAh (2) Trade mark: NETGEAR Model Name: W-10 Spec: 3.8V, 5040mAh
Device Category	Portable Device
Application Type	Certification

Note: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

EUT Modify Description :

Add LTE Band 46 (only RX) by software. There are no modifications made to the hardware.
Original Report : 1802FS11-01 Modify : 1807FS16-01



2. Introduction

The A Test Lab Techno Corp. has performed measurements of the maximum potential exposure to the user of **Netgear Incorporated Trade Name : NETGEAR Model(s) : MR1100-330**. The test procedures, as described in American National Standards, Institute C95.1-1999 [1] were employed and they specify the maximum exposure limit of 1.6mW/g as averaged over any 1 gram of tissue for portable devices being used within 20cm between user and EUT in the uncontrolled environment. A description of the product and operating configuration, detailed summary of the test results, methodology and procedures used in the equipment used are included within this test report.

3. SAR Testing with RF Transmitters

3.1 Carrier Aggregation Measurements:

1. For others DL CA configurations, RX usually will not affect the TX function.

The single band power is already worst-case.

2. The device supports Carrier Aggregation(CA) on downlink for Inter-band contiguous.

Supported bands and bandwidths are provided in tables below.

The LTE release and version numbers of the 3GPP documents used to implement the specific device(s)

- a. 3GPP 36.521-1 V11.4.0 , Release 11
- b. EUT does not support LTE CA Uplink, support restricted to LTE CA Downlink operation configured only according to LTE-U protocol
- c. EUT not support SC-FDMA for uplink
- d. EUT does not support multiple transmit antennas for uplink MIMO
- e. UE category suppld UE downlink category 16
- f. SVLTE not supported

Band	Support bandwidth		
	(MHz)		
2A+46A	20+20	10+20	5+20
2A+46C	20+40	10+40	5+40
2A+46D	20+60	10+60	5+60
66A+46A	20+20	10+20	5+20
66A+46C	20+40	10+40	5+40
66A+46D	20+60	10+60	5+60



3.2 Conducted Power

LTE Band2A+46A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.07	18625	1852.5	QPSK	5MHz	1	0
		23.01	18625	1852.5	QPSK	5MHz	1	24
	Highest	22.96	18625	1852.5	QPSK	5MHz	8	0
		22.95	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.03	19175	1907.5	QPSK	5MHz	1	0
		22.96	19175	1907.5	QPSK	5MHz	1	24
	Highest	22.97	19175	1907.5	QPSK	5MHz	8	0
		22.98	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.04	18650	1855.0	QPSK	10MHz	1	0
		22.95	18650	1855.0	QPSK	10MHz	1	49
	Highest	22.88	18650	1855.0	QPSK	10MHz	12	0
		22.91	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.00	19150	1905.0	QPSK	10MHz	1	0
		22.93	19150	1905.0	QPSK	10MHz	1	49
	Highest	22.93	19150	1905.0	QPSK	10MHz	12	0
		22.89	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.18	18700	1860.0	QPSK	20MHz	1	0
		23.13	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.10	18700	1860.0	QPSK	20MHz	18	0
		23.15	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.04	19100	1900.0	QPSK	20MHz	1	0
		23.15	19100	1900.0	QPSK	20MHz	1	99
	Highest	22.99	19100	1900.0	QPSK	20MHz	18	0
		23.02	19100	1900.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.07	46890	5160.0	QPSK	20MHz	1	0
		23.01	46890	5160.0	QPSK	20MHz	1	99
	Highest	22.96	46890	5160.0	QPSK	20MHz	18	0
		22.95	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.03	54340	5905.0	QPSK	20MHz	1	0
		22.96	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.97	54340	5905.0	QPSK	20MHz	18	0
		22.98	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.04	46890	5160.0	QPSK	20MHz	1	0
		22.95	46890	5160.0	QPSK	20MHz	1	99
	Highest	22.88	46890	5160.0	QPSK	20MHz	18	0
		22.91	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.00	54340	5905.0	QPSK	20MHz	1	0
		22.93	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.93	54340	5905.0	QPSK	20MHz	18	0
		22.89	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.18	46890	5160.0	QPSK	20MHz	1	0
		23.13	46890	5160.0	QPSK	20MHz	1	99
	Highest	23.10	46890	5160.0	QPSK	20MHz	18	0
		23.15	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.04	54340	5905.0	QPSK	20MHz	1	0
		23.15	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.99	54340	5905.0	QPSK	20MHz	18	0
		23.02	54340	5905.0	QPSK	20MHz	18	82



LTE Band2A+46C_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	18625	1852.5	QPSK	5MHz	1	0
		22.91	18625	1852.5	QPSK	5MHz	1	24
	Highest	22.92	18625	1852.5	QPSK	5MHz	8	0
		22.87	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.01	19175	1907.5	QPSK	5MHz	1	0
		22.89	19175	1907.5	QPSK	5MHz	1	24
	Highest	22.95	19175	1907.5	QPSK	5MHz	8	0
		22.95	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.06	18650	1855.0	QPSK	10MHz	1	0
		22.95	18650	1855.0	QPSK	10MHz	1	49
	Highest	22.91	18650	1855.0	QPSK	10MHz	12	0
		22.87	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	22.97	19150	1905.0	QPSK	10MHz	1	0
		22.96	19150	1905.0	QPSK	10MHz	1	49
	Highest	22.89	19150	1905.0	QPSK	10MHz	12	0
		22.92	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.16	18700	1860.0	QPSK	20MHz	1	0
		23.07	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.00	18700	1860.0	QPSK	20MHz	18	0
		23.11	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.03	19100	1900.0	QPSK	20MHz	1	0
		23.06	19100	1900.0	QPSK	20MHz	1	99
	Highest	22.95	19100	1900.0	QPSK	20MHz	18	0
		22.95	19100	1900.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	46890	5160.0	QPSK	20MHz	1	0
		22.91	46890	5160.0	QPSK	20MHz	1	99
	Highest	22.92	46890	5160.0	QPSK	20MHz	18	0
		22.87	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.01	54142	5885.2	QPSK	20MHz	1	0
		22.89	54142	5885.2	QPSK	20MHz	1	99
	Highest	22.95	54142	5885.2	QPSK	20MHz	18	0
		22.95	54142	5885.2	QPSK	20MHz	18	82
Low	Lowest	23.06	46890	5160.0	QPSK	20MHz	1	0
		22.95	46890	5160.0	QPSK	20MHz	1	99
	Highest	22.91	46890	5160.0	QPSK	20MHz	18	0
		22.87	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	22.97	54142	5885.2	QPSK	20MHz	1	0
		22.96	54142	5885.2	QPSK	20MHz	1	99
	Highest	22.89	54142	5885.2	QPSK	20MHz	18	0
		22.92	54142	5885.2	QPSK	20MHz	18	82
Low	Lowest	23.16	46890	5160.0	QPSK	20MHz	1	0
		23.07	46890	5160.0	QPSK	20MHz	1	99
	Highest	23.00	46890	5160.0	QPSK	20MHz	18	0
		23.11	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.03	54142	5885.2	QPSK	20MHz	1	0
		23.06	54142	5885.2	QPSK	20MHz	1	99
	Highest	22.95	54142	5885.2	QPSK	20MHz	18	0
		22.95	54142	5885.2	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC1 (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	47088	5179.8	QPSK	20MHz	1	0
		22.91	47088	5179.8	QPSK	20MHz	1	99
	Highest	22.92	47088	5179.8	QPSK	20MHz	18	0
		22.87	47088	5179.8	QPSK	20MHz	18	82
High	Lowest	23.01	54340	5905.0	QPSK	20MHz	1	0
		22.89	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.95	54340	5905.0	QPSK	20MHz	18	0
		22.95	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.06	47088	5179.8	QPSK	20MHz	1	0
		22.95	47088	5179.8	QPSK	20MHz	1	99
	Highest	22.91	47088	5179.8	QPSK	20MHz	18	0
		22.87	47088	5179.8	QPSK	20MHz	18	82
High	Lowest	22.97	54340	5905.0	QPSK	20MHz	1	0
		22.96	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.89	54340	5905.0	QPSK	20MHz	18	0
		22.92	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.16	47088	5179.8	QPSK	20MHz	1	0
		23.07	47088	5179.8	QPSK	20MHz	1	99
	Highest	23.00	47088	5179.8	QPSK	20MHz	18	0
		23.11	47088	5179.8	QPSK	20MHz	18	82
High	Lowest	23.03	54340	5905.0	QPSK	20MHz	1	0
		23.06	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.95	54340	5905.0	QPSK	20MHz	18	0
		22.95	54340	5905.0	QPSK	20MHz	18	82



LTE Band2A+46D_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	22.99	18625	1852.5	QPSK	5MHz	1	0
		22.94	18625	1852.5	QPSK	5MHz	1	24
	Highest	22.95	18625	1852.5	QPSK	5MHz	8	0
		22.85	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	22.96	19175	1907.5	QPSK	5MHz	1	0
		22.93	19175	1907.5	QPSK	5MHz	1	24
	Highest	22.90	19175	1907.5	QPSK	5MHz	8	0
		22.89	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.03	18650	1855.0	QPSK	10MHz	1	0
		22.93	18650	1855.0	QPSK	10MHz	1	49
	Highest	22.86	18650	1855.0	QPSK	10MHz	12	0
		22.94	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	22.96	19150	1905.0	QPSK	10MHz	1	0
		22.87	19150	1905.0	QPSK	10MHz	1	49
	Highest	22.93	19150	1905.0	QPSK	10MHz	12	0
		22.96	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.15	18700	1860.0	QPSK	20MHz	1	0
		23.10	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.09	18700	1860.0	QPSK	20MHz	18	0
		23.09	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.04	19100	1900.0	QPSK	20MHz	1	0
		23.06	19100	1900.0	QPSK	20MHz	1	99
	Highest	22.93	19100	1900.0	QPSK	20MHz	18	0
		22.93	19100	1900.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	22.99	46892	5160.2	QPSK	20MHz	1	0
		22.94	46892	5160.2	QPSK	20MHz	1	99
	Highest	22.95	46892	5160.2	QPSK	20MHz	18	0
		22.85	46892	5160.2	QPSK	20MHz	18	82
High	Lowest	22.96	53942	5865.2	QPSK	20MHz	1	0
		22.93	53942	5865.2	QPSK	20MHz	1	99
	Highest	22.90	53942	5865.2	QPSK	20MHz	18	0
		22.89	53942	5865.2	QPSK	20MHz	18	82
Low	Lowest	23.03	46892	5160.2	QPSK	20MHz	1	0
		22.93	46892	5160.2	QPSK	20MHz	1	99
	Highest	22.86	46892	5160.2	QPSK	20MHz	18	0
		22.94	46892	5160.2	QPSK	20MHz	18	82
High	Lowest	22.96	53942	5865.2	QPSK	20MHz	1	0
		22.87	53942	5865.2	QPSK	20MHz	1	99
	Highest	22.93	53942	5865.2	QPSK	20MHz	18	0
		22.96	53942	5865.2	QPSK	20MHz	18	82
Low	Lowest	23.15	46892	5160.2	QPSK	20MHz	1	0
		23.10	46892	5160.2	QPSK	20MHz	1	99
	Highest	23.09	46892	5160.2	QPSK	20MHz	18	0
		23.09	46892	5160.2	QPSK	20MHz	18	82
High	Lowest	23.04	53942	5865.2	QPSK	20MHz	1	0
		23.06	53942	5865.2	QPSK	20MHz	1	99
	Highest	22.93	53942	5865.2	QPSK	20MHz	18	0
		22.93	53942	5865.2	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC1 (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	22.99	47090	5180.0	QPSK	20MHz	1	0
		22.94	47090	5180.0	QPSK	20MHz	1	99
	Highest	22.95	47090	5180.0	QPSK	20MHz	18	0
		22.85	47090	5180.0	QPSK	20MHz	18	82
High	Lowest	22.96	54140	5885.0	QPSK	20MHz	1	0
		22.93	54140	5885.0	QPSK	20MHz	1	99
	Highest	22.90	54140	5885.0	QPSK	20MHz	18	0
		22.89	54140	5885.0	QPSK	20MHz	18	82
Low	Lowest	23.03	47090	5180.0	QPSK	20MHz	1	0
		22.93	47090	5180.0	QPSK	20MHz	1	99
	Highest	22.86	47090	5180.0	QPSK	20MHz	18	0
		22.94	47090	5180.0	QPSK	20MHz	18	82
High	Lowest	22.96	54140	5885.0	QPSK	20MHz	1	0
		22.87	54140	5885.0	QPSK	20MHz	1	99
	Highest	22.93	54140	5885.0	QPSK	20MHz	18	0
		22.96	54140	5885.0	QPSK	20MHz	18	82
Low	Lowest	23.15	47090	5180.0	QPSK	20MHz	1	0
		23.10	47090	5180.0	QPSK	20MHz	1	99
	Highest	23.09	47090	5180.0	QPSK	20MHz	18	0
		23.09	47090	5180.0	QPSK	20MHz	18	82
High	Lowest	23.04	54140	5885.0	QPSK	20MHz	1	0
		23.06	54140	5885.0	QPSK	20MHz	1	99
	Highest	22.93	54140	5885.0	QPSK	20MHz	18	0
		22.93	54140	5885.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC2 (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	22.99	47288	5199.8	QPSK	20MHz	1	0
		22.94	47288	5199.8	QPSK	20MHz	1	99
	Highest	22.95	47288	5199.8	QPSK	20MHz	18	0
		22.85	47288	5199.8	QPSK	20MHz	18	82
High	Lowest	22.96	54338	5904.8	QPSK	20MHz	1	0
		22.93	54338	5904.8	QPSK	20MHz	1	99
	Highest	22.90	54338	5904.8	QPSK	20MHz	18	0
		22.89	54338	5904.8	QPSK	20MHz	18	82
Low	Lowest	23.03	47288	5199.8	QPSK	20MHz	1	0
		22.93	47288	5199.8	QPSK	20MHz	1	99
	Highest	22.86	47288	5199.8	QPSK	20MHz	18	0
		22.94	47288	5199.8	QPSK	20MHz	18	82
High	Lowest	22.96	54338	5904.8	QPSK	20MHz	1	0
		22.87	54338	5904.8	QPSK	20MHz	1	99
	Highest	22.93	54338	5904.8	QPSK	20MHz	18	0
		22.96	54338	5904.8	QPSK	20MHz	18	82
Low	Lowest	23.15	47288	5199.8	QPSK	20MHz	1	0
		23.10	47288	5199.8	QPSK	20MHz	1	99
	Highest	23.09	47288	5199.8	QPSK	20MHz	18	0
		23.09	47288	5199.8	QPSK	20MHz	18	82
High	Lowest	23.04	54338	5904.8	QPSK	20MHz	1	0
		23.06	54338	5904.8	QPSK	20MHz	1	99
	Highest	22.93	54338	5904.8	QPSK	20MHz	18	0
		22.93	54338	5904.8	QPSK	20MHz	18	82



LTE Band66A+46A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B66)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.05	131997	1712.5	QPSK	5MHz	1	0
		23.07	131997	1712.5	QPSK	5MHz	1	24
	Highest	22.92	131997	1712.5	QPSK	5MHz	8	0
		22.97	131997	1712.5	QPSK	5MHz	8	17
High	Lowest	22.92	132397	1752.5	QPSK	5MHz	1	0
		22.79	132397	1752.5	QPSK	5MHz	1	24
	Highest	22.86	132397	1752.5	QPSK	5MHz	8	0
		22.68	132397	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.21	132022	1715.0	QPSK	10MHz	1	0
		23.06	132022	1715.0	QPSK	10MHz	1	49
	Highest	23.05	132022	1715.0	QPSK	10MHz	12	0
		22.91	132022	1715.0	QPSK	10MHz	12	38
High	Lowest	22.86	132372	1750.0	QPSK	10MHz	1	0
		22.71	132372	1750.0	QPSK	10MHz	1	49
	Highest	22.75	132372	1750.0	QPSK	10MHz	12	0
		22.58	132372	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.25	132072	1720.0	QPSK	20MHz	1	0
		22.95	132072	1720.0	QPSK	20MHz	1	99
	Highest	23.14	132072	1720.0	QPSK	20MHz	18	0
		22.93	132072	1720.0	QPSK	20MHz	18	82
High	Lowest	23.27	132322	1745.0	QPSK	20MHz	1	0
		22.95	132322	1745.0	QPSK	20MHz	1	99
	Highest	23.21	132322	1745.0	QPSK	20MHz	18	0
		22.78	132322	1745.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.05	46890	5160.0	QPSK	20MHz	1	0
		23.07	46890	5160.0	QPSK	20MHz	1	99
	Highest	22.92	46890	5160.0	QPSK	20MHz	18	0
		22.97	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	22.92	54340	5905.0	QPSK	20MHz	1	0
		22.79	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.86	54340	5905.0	QPSK	20MHz	18	0
		22.68	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.21	46890	5160.0	QPSK	20MHz	1	0
		23.06	46890	5160.0	QPSK	20MHz	1	99
	Highest	23.05	46890	5160.0	QPSK	20MHz	18	0
		22.91	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	22.86	54340	5905.0	QPSK	20MHz	1	0
		22.71	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.75	54340	5905.0	QPSK	20MHz	18	0
		22.58	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.25	46890	5160.0	QPSK	20MHz	1	0
		22.95	46890	5160.0	QPSK	20MHz	1	99
	Highest	23.14	46890	5160.0	QPSK	20MHz	18	0
		22.93	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.27	54340	5905.0	QPSK	20MHz	1	0
		22.95	54340	5905.0	QPSK	20MHz	1	99
	Highest	23.21	54340	5905.0	QPSK	20MHz	18	0
		22.78	54340	5905.0	QPSK	20MHz	18	82



LTE Band66A+46C_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B66)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	131997	1712.5	QPSK	5MHz	1	0
		23.09	131997	1712.5	QPSK	5MHz	1	24
	Highest	22.93	131997	1712.5	QPSK	5MHz	8	0
		22.98	131997	1712.5	QPSK	5MHz	8	17
High	Lowest	22.97	132397	1752.5	QPSK	5MHz	1	0
		22.84	132397	1752.5	QPSK	5MHz	1	24
	Highest	22.87	132397	1752.5	QPSK	5MHz	8	0
		22.73	132397	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.17	132022	1715.0	QPSK	10MHz	1	0
		23.07	132022	1715.0	QPSK	10MHz	1	49
	Highest	23.03	132022	1715.0	QPSK	10MHz	12	0
		23.00	132022	1715.0	QPSK	10MHz	12	38
High	Lowest	22.85	132372	1750.0	QPSK	10MHz	1	0
		22.69	132372	1750.0	QPSK	10MHz	1	49
	Highest	22.77	132372	1750.0	QPSK	10MHz	12	0
		22.60	132372	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.28	132072	1720.0	QPSK	20MHz	1	0
		22.91	132072	1720.0	QPSK	20MHz	1	99
	Highest	23.10	132072	1720.0	QPSK	20MHz	18	0
		22.89	132072	1720.0	QPSK	20MHz	18	82
High	Lowest	23.31	132322	1745.0	QPSK	20MHz	1	0
		22.91	132322	1745.0	QPSK	20MHz	1	99
	Highest	23.21	132322	1745.0	QPSK	20MHz	18	0
		22.78	132322	1745.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	46890	5160.0	QPSK	20MHz	1	0
		23.09	46890	5160.0	QPSK	20MHz	1	99
	Highest	22.93	46890	5160.0	QPSK	20MHz	18	0
		22.98	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	22.97	54142	5885.2	QPSK	20MHz	1	0
		22.84	54142	5885.2	QPSK	20MHz	1	99
	Highest	22.87	54142	5885.2	QPSK	20MHz	18	0
		22.73	54142	5885.2	QPSK	20MHz	18	82
Low	Lowest	23.17	46890	5160.0	QPSK	20MHz	1	0
		23.07	46890	5160.0	QPSK	20MHz	1	99
	Highest	23.03	46890	5160.0	QPSK	20MHz	18	0
		23.00	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	22.85	54142	5885.2	QPSK	20MHz	1	0
		22.69	54142	5885.2	QPSK	20MHz	1	99
	Highest	22.77	54142	5885.2	QPSK	20MHz	18	0
		22.60	54142	5885.2	QPSK	20MHz	18	82
Low	Lowest	23.28	46890	5160.0	QPSK	20MHz	1	0
		22.91	46890	5160.0	QPSK	20MHz	1	99
	Highest	23.10	46890	5160.0	QPSK	20MHz	18	0
		22.89	46890	5160.0	QPSK	20MHz	18	82
High	Lowest	23.31	54142	5885.2	QPSK	20MHz	1	0
		22.91	54142	5885.2	QPSK	20MHz	1	99
	Highest	23.21	54142	5885.2	QPSK	20MHz	18	0
		22.78	54142	5885.2	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC1 (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	47088	5179.8	QPSK	20MHz	1	0
		23.09	47088	5179.8	QPSK	20MHz	1	99
	Highest	22.93	47088	5179.8	QPSK	20MHz	18	0
		22.98	47088	5179.8	QPSK	20MHz	18	82
High	Lowest	22.97	54340	5905.0	QPSK	20MHz	1	0
		22.84	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.87	54340	5905.0	QPSK	20MHz	18	0
		22.73	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.17	47088	5179.8	QPSK	20MHz	1	0
		23.07	47088	5179.8	QPSK	20MHz	1	99
	Highest	23.03	47088	5179.8	QPSK	20MHz	18	0
		23.00	47088	5179.8	QPSK	20MHz	18	82
High	Lowest	22.85	54340	5905.0	QPSK	20MHz	1	0
		22.69	54340	5905.0	QPSK	20MHz	1	99
	Highest	22.77	54340	5905.0	QPSK	20MHz	18	0
		22.60	54340	5905.0	QPSK	20MHz	18	82
Low	Lowest	23.28	47088	5179.8	QPSK	20MHz	1	0
		22.91	47088	5179.8	QPSK	20MHz	1	99
	Highest	23.10	47088	5179.8	QPSK	20MHz	18	0
		22.89	47088	5179.8	QPSK	20MHz	18	82
High	Lowest	23.31	54340	5905.0	QPSK	20MHz	1	0
		22.91	54340	5905.0	QPSK	20MHz	1	99
	Highest	23.21	54340	5905.0	QPSK	20MHz	18	0
		22.78	54340	5905.0	QPSK	20MHz	18	82



LTE Band66A+46D_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B66)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	131997	1712.5	QPSK	5MHz	1	0
		23.04	131997	1712.5	QPSK	5MHz	1	24
	Highest	22.95	131997	1712.5	QPSK	5MHz	8	0
		22.97	131997	1712.5	QPSK	5MHz	8	17
High	Lowest	22.98	132397	1752.5	QPSK	5MHz	1	0
		22.81	132397	1752.5	QPSK	5MHz	1	24
	Highest	22.86	132397	1752.5	QPSK	5MHz	8	0
		22.63	132397	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.18	132022	1715.0	QPSK	10MHz	1	0
		23.02	132022	1715.0	QPSK	10MHz	1	49
	Highest	23.07	132022	1715.0	QPSK	10MHz	12	0
		22.96	132022	1715.0	QPSK	10MHz	12	38
High	Lowest	22.87	132372	1750.0	QPSK	10MHz	1	0
		22.70	132372	1750.0	QPSK	10MHz	1	49
	Highest	22.77	132372	1750.0	QPSK	10MHz	12	0
		22.58	132372	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.22	132072	1720.0	QPSK	20MHz	1	0
		22.96	132072	1720.0	QPSK	20MHz	1	99
	Highest	23.12	132072	1720.0	QPSK	20MHz	18	0
		22.86	132072	1720.0	QPSK	20MHz	18	82
High	Lowest	23.26	132322	1745.0	QPSK	20MHz	1	0
		22.94	132322	1745.0	QPSK	20MHz	1	99
	Highest	23.23	132322	1745.0	QPSK	20MHz	18	0
		22.79	132322	1745.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	46892	5160.2	QPSK	20MHz	1	0
		23.04	46892	5160.2	QPSK	20MHz	1	99
	Highest	22.95	46892	5160.2	QPSK	20MHz	18	0
		22.97	46892	5160.2	QPSK	20MHz	18	82
High	Lowest	22.98	53942	5865.2	QPSK	20MHz	1	0
		22.81	53942	5865.2	QPSK	20MHz	1	99
	Highest	22.86	53942	5865.2	QPSK	20MHz	18	0
		22.63	53942	5865.2	QPSK	20MHz	18	82
Low	Lowest	23.18	46892	5160.2	QPSK	20MHz	1	0
		23.02	46892	5160.2	QPSK	20MHz	1	99
	Highest	23.07	46892	5160.2	QPSK	20MHz	18	0
		22.96	46892	5160.2	QPSK	20MHz	18	82
High	Lowest	22.87	53942	5865.2	QPSK	20MHz	1	0
		22.70	53942	5865.2	QPSK	20MHz	1	99
	Highest	22.77	53942	5865.2	QPSK	20MHz	18	0
		22.58	53942	5865.2	QPSK	20MHz	18	82
Low	Lowest	23.22	46892	5160.2	QPSK	20MHz	1	0
		22.96	46892	5160.2	QPSK	20MHz	1	99
	Highest	23.12	46892	5160.2	QPSK	20MHz	18	0
		22.86	46892	5160.2	QPSK	20MHz	18	82
High	Lowest	23.26	53942	5865.2	QPSK	20MHz	1	0
		22.94	53942	5865.2	QPSK	20MHz	1	99
	Highest	23.23	53942	5865.2	QPSK	20MHz	18	0
		22.79	53942	5865.2	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC1 (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	47090	5180.0	QPSK	20MHz	1	0
		23.04	47090	5180.0	QPSK	20MHz	1	99
	Highest	22.95	47090	5180.0	QPSK	20MHz	18	0
		22.97	47090	5180.0	QPSK	20MHz	18	82
High	Lowest	22.98	54140	5885.0	QPSK	20MHz	1	0
		22.81	54140	5885.0	QPSK	20MHz	1	99
	Highest	22.86	54140	5885.0	QPSK	20MHz	18	0
		22.63	54140	5885.0	QPSK	20MHz	18	82
Low	Lowest	23.18	47090	5180.0	QPSK	20MHz	1	0
		23.02	47090	5180.0	QPSK	20MHz	1	99
	Highest	23.07	47090	5180.0	QPSK	20MHz	18	0
		22.96	47090	5180.0	QPSK	20MHz	18	82
High	Lowest	22.87	54140	5885.0	QPSK	20MHz	1	0
		22.70	54140	5885.0	QPSK	20MHz	1	99
	Highest	22.77	54140	5885.0	QPSK	20MHz	18	0
		22.58	54140	5885.0	QPSK	20MHz	18	82
Low	Lowest	23.22	47090	5180.0	QPSK	20MHz	1	0
		22.96	47090	5180.0	QPSK	20MHz	1	99
	Highest	23.12	47090	5180.0	QPSK	20MHz	18	0
		22.86	47090	5180.0	QPSK	20MHz	18	82
High	Lowest	23.26	54140	5885.0	QPSK	20MHz	1	0
		22.94	54140	5885.0	QPSK	20MHz	1	99
	Highest	23.23	54140	5885.0	QPSK	20MHz	18	0
		22.79	54140	5885.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band SCC2 (B46)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.02	47288	5199.8	QPSK	20MHz	1	0
		23.04	47288	5199.8	QPSK	20MHz	1	99
	Highest	22.95	47288	5199.8	QPSK	20MHz	18	0
		22.97	47288	5199.8	QPSK	20MHz	18	82
High	Lowest	22.98	54338	5904.8	QPSK	20MHz	1	0
		22.81	54338	5904.8	QPSK	20MHz	1	99
	Highest	22.86	54338	5904.8	QPSK	20MHz	18	0
		22.63	54338	5904.8	QPSK	20MHz	18	82
Low	Lowest	23.18	47288	5199.8	QPSK	20MHz	1	0
		23.02	47288	5199.8	QPSK	20MHz	1	99
	Highest	23.07	47288	5199.8	QPSK	20MHz	18	0
		22.96	47288	5199.8	QPSK	20MHz	18	82
High	Lowest	22.87	54338	5904.8	QPSK	20MHz	1	0
		22.70	54338	5904.8	QPSK	20MHz	1	99
	Highest	22.77	54338	5904.8	QPSK	20MHz	18	0
		22.58	54338	5904.8	QPSK	20MHz	18	82
Low	Lowest	23.22	47288	5199.8	QPSK	20MHz	1	0
		22.96	47288	5199.8	QPSK	20MHz	1	99
	Highest	23.12	47288	5199.8	QPSK	20MHz	18	0
		22.86	47288	5199.8	QPSK	20MHz	18	82
High	Lowest	23.26	54338	5904.8	QPSK	20MHz	1	0
		22.94	54338	5904.8	QPSK	20MHz	1	99
	Highest	23.23	54338	5904.8	QPSK	20MHz	18	0
		22.79	54338	5904.8	QPSK	20MHz	18	82