RF Test Report

Applicant	:	Netgear Incorporated
Product Type	:	Mobile Router
Trade Name	:	NETGEAR
Model Number	:	MR1100-330
Test Specification	:	FCC 47 CFR PART 22H FCC 47 CFR PART 24E FCC 47 CFR PART 27 ANSI/TIA-603-D 2010
Receive Date	:	Jan. 11, 2018
Test Period	:	Jan. 25, 2018
Issue Date	:	Feb. 07, 2018

Issue by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330

Test Firm MRA designation number: TW0010

Revision History

Rev.	Issue Date	Revisions	Revised By
00	Feb. 07, 2018	Initial Issue	Nina Lin

Verification of Compliance

Issued Date: Feb. 07, 2018

Applicant	:	Netgear Incorporated
Product Type	:	Mobile Router
Trade Name	:	NETGEAR
Model Number	:	MR1100-330
FCC ID	:	PY317200378
EUT Rated Voltage	:	DC 5V, 2A
Test Voltage	:	3.85Vdc
Applicable Standard	:	FCC 47 CFR PART 22H FCC 47 CFR PART 24E FCC 47 CFR PART 27 ANSI/TIA-603-D 2010
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 33465, Taiwan (R.O.C) Tel：+886-3-2710188 / Fax：+886-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330 http://www.atl-lab.com.tw/e-index.htm

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By	:	Fly Lu	Reviewed By	: Eric Ou Yang
(Manager)		(Fly Lu)	(Testing Engineer)	(Eric Ou Yang)

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1 General Information

1.1. EUT Description

Applicant	Netgear Incorporated 350 East Plumeria Drive,San Jose, California, United States 95134		
Manufacturer	Netgear Inc. Suite 168 – 10760 Shellbridge Way, Richmond, BC Canada V6X 3H1		
Product Type	Mobile Router		
Trade Name	NETGEAR		
Model Number	MR1100-330		
FCC ID	PY317200378		
IMEI No.	015161000		
Class II Permissive Change	Add Band46 (only Rx) by software. The model name is also changed from MR1100-320 to MR1100-330.		
Operate Band	Frequency Range (MHz)	Modulation	Channel Bandwidth
LTE Band 2	UL: 1850 ~ 1910	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz
	DL: 1930 ~ 1990	QPSK, 16QAM	
LTE Band 4	UL: 1710 ~ 1755	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz
	DL: 2110 ~ 2155	QPSK, 16QAM	
LTE Band 5	UL: 824 ~ 849	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz
	DL: 869 ~ 894	QPSK, 16QAM	
LTE Band 7	UL: 2500 ~ 2570	QPSK, 16QAM	5MHz, 10MHz, 15MHz, 20MHz
	DL: 2620 ~ 2690	QPSK, 16QAM	
LTE Band 12	UL: 699 ~ 716	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz
	DL: 729 ~ 746	QPSK, 16QAM	
LTE Band 14	UL: 788 ~ 798	QPSK, 16QAM	5MHz, 10MHz
	DL: 758 ~ 768	QPSK, 16QAM	
LTE Band 30	UL: 2305 ~ 2315	QPSK, 16QAM	5MHz, 10MHz
	DL: 2350 ~ 2360	QPSK, 16QAM	
LTE Band 46	UL: N/A	N/A	20MHz
	DL: 5150 ~ 5925	QPSK, 16QAM	
	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		
LTE Band 66	UL: 1710 ~ 1755	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz
	DL: 2110 ~ 2155	QPSK, 16QAM	
Type of Antenna	PIFA Antenna		

Antenna Gain	LTE Band 2	1.36 dBi
	LTE Band 4	1.64 dBi
	LTE Band 5	-0.63 dBi
	LTE Band 7	0.62 dBi
	LTE Band 12	-0.01 dBi
	LTE Band 30	1.19 dBi
	LTE Band 66	1.64 dBi
Operate Temp. Range	0 ~ 50 ℃	

EUT Modify Description：

1) Add inter-band 2CA Band 2A+46A_DL CA 2) Add inter-band 3CA Band 2A+46C_DL CA 3) Add inter-band 4CA Band 2A+46D_DL CA 4) Add inter-band 2CA Band 66A+46A_DL CA 5) Add inter-band 3CA Band 66A+46C_DL CA 6) Add inter-band 4CA Band 66A+46D_DL CA 7) The model name is also changed from MR1100-320 to MR1100-330. There are no modifications made to the hardware.
Original Report : 1708FR26-01 Modify : 1801FR20

Band	Channel Bandwidth	Modulation	Maximum Average Power	
			(dBm)	(W)
LTE Band2A+46A_DL CA	5MHz	QPSK	23.07	0.203
	10MHz	QPSK	23.04	0.201
	20MHz	QPSK	23.18	0.208
LTE Band2A+46C_DL CA	5MHz	QPSK	23.02	0.200
	10MHz	QPSK	23.06	0.202
	20MHz	QPSK	23.16	0.207
LTE Band2A+46D_DL CA	5MHz	QPSK	22.99	0.199
	10MHz	QPSK	23.03	0.201
	20MHz	QPSK	23.15	0.207
LTE Band66A+46A_DL CA	5MHz	QPSK	23.07	0.203
	10MHz	QPSK	23.21	0.209
	20MHz	QPSK	23.27	0.212
LTE Band66A+46C_DL CA	5MHz	QPSK	23.09	0.204
	10MHz	QPSK	23.17	0.207
	20MHz	QPSK	23.31	0.214
LTE Band66A+46D_DL CA	5MHz	QPSK	23.04	0.201
	10MHz	QPSK	23.18	0.208
	20MHz	QPSK	23.26	0.212

1.2. Mode of Operation

Three channels had been tested for each channel bandwidth.

LTE Band 2						
Channel Bandwidth	5MHz		10MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	18625	1852.5	18650	1855.0	18700	1860.0
High CH	19175	1907.5	19150	1905.0	19100	1900.0

LTE Band 46_2CA (DL CA only)						
Channel Bandwidth	20MHz (Inter-Band SCC)		N/A		N/A	
	Channel	Frequency (MHz)	N/A	N/A	N/A	N/A
Low CH	46890	5160	N/A	N/A	N/A	N/A
High CH	54340	5905	N/A	N/A	N/A	N/A

LTE Band 46C_3CA (DL CA only)						
Channel Bandwidth	20MHz (Inter-Band SCC)		20MHz (Inter-Band SCC 1)		N/A	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	N/A	N/A
Low CH	46890	5160	47088	5179.8	N/A	N/A
High CH	54142	5885.2	54340	5905	N/A	N/A

LTE Band 46D_4CA (DL CA only)						
Channel Bandwidth	20MHz (Inter-Band SCC)		20MHz (Inter-Band SCC 1)		20MHz (Inter-Band SCC 2)	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	46892	5160.2	47090	5180	47288	5199.8
High CH	53942	5865.2	54140	5885	54338	5904.8

LTE Band 66						
Channel Bandwidth	5MHz		10MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	131997	1712.5	132022	1715.0	132072	1720.0
High CH	132397	1752.5	132372	1750.0	132322	1745.0

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

1.3. Test Instruments

For Conducted

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Cycle
Wideband Radio Communication Tester	R & S	CMW500	103168	11/05/2017	1 year
Spectrum Analyzer	Agilent	N9030A	MY53120541	01/02/2018	1 year
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	04/17/2017	1 year
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

1.4. Test Site Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	950

Test Setting Condition		
L.V.	Low Voltage	DC 3.27 V
N.V.	Normal Voltage	DC 3.85 V
H.V.	High Voltage	DC 4.43 V
L.T.	Low Temperature	0 ℃
N.T.	Normal Temperature	+25 ℃
H.T.	High Temperature	+50 ℃

1.5. Summary of Test Result

FCC Rule	Description	Result
§2.1046	Conducted Output Average Power	Pass
§22.913 §24.232 §27. 50 §27. 50	Equivalent Isotropic Radiated Power / Equivalent Radiated Power	Refer report number： 1708FR26-01
§2.1055 §22.355 §24.235 §27. 54	Frequency Stability	Refer report number： 1708FR26-01
§2.1049	Emission Bandwidth & Occupied Bandwidth	Refer report number： 1708FR26-01
§24.232 §27.50	Peak to average ratio	Refer report number： 1708FR26-01
§2.1051 §22.917 §24.238 §27.53	Band Edge	Refer report number： 1708FR26-01
§2.1051 §22.917 §24.238 §27.53	Conducted Spurious Emissions	Refer report number： 1708FR26-01
§2.1053 §22.917 §24.238 §27.53	Radiated Spurious Emissions	Refer report number： 1708FR26-01

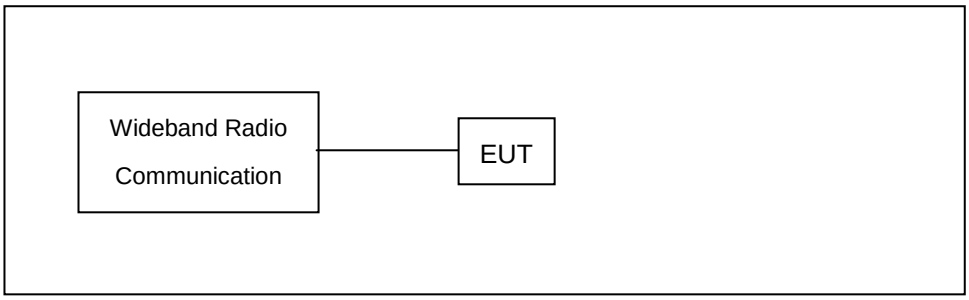
2 Measurement Procedure

2.1. Conducted Output Average Power Test

- **Limit**

  N/A

- **Test Setup**



- **Test Procedure**

  a. The EUT was set up for the maximum power with simulator.

  b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

- **Uncertainty**

  The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

3 Test Results

Conducted Output Average 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	QPSK	10MHz	1	0
		22.95	18650	1855	QPSK	10MHz	1	49
	Highest	22.88	18650	1855	QPSK	10MHz	12	0
		22.91	18650	1855	QPSK	10MHz	12	38
High	Lowest	23.00	19150	1905	QPSK	10MHz	1	0
		22.93	19150	1905	QPSK	10MHz	1	49
	Highest	22.93	19150	1905	QPSK	10MHz	12	0
		22.89	19150	1905	QPSK	10MHz	12	38
Low	Lowest	23.18	18700	1860	QPSK	20MHz	1	0
		23.13	18700	1860	QPSK	20MHz	1	99
	Highest	23.10	18700	1860	QPSK	20MHz	18	0
		23.15	18700	1860	QPSK	20MHz	18	82
High	Lowest	23.04	19100	1900	QPSK	20MHz	1	0
		23.15	19100	1900	QPSK	20MHz	1	99
	Highest	22.99	19100	1900	QPSK	20MHz	18	0
		23.02	19100	1900	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	QPSK	20MHz	1	0
		23.01	46890	5160	QPSK	20MHz	1	99
	Highest	22.96	46890	5160	QPSK	20MHz	18	0
		22.95	46890	5160	QPSK	20MHz	18	82
High	Lowest	23.03	54340	5905	QPSK	20MHz	1	0
		22.96	54340	5905	QPSK	20MHz	1	99
	Highest	22.97	54340	5905	QPSK	20MHz	18	0
		22.98	54340	5905	QPSK	20MHz	18	82
Low	Lowest	23.04	46890	5160	QPSK	20MHz	1	0
		22.95	46890	5160	QPSK	20MHz	1	99
	Highest	22.88	46890	5160	QPSK	20MHz	18	0
		22.91	46890	5160	QPSK	20MHz	18	82
High	Lowest	23.00	54340	5905	QPSK	20MHz	1	0
		22.93	54340	5905	QPSK	20MHz	1	99
	Highest	22.93	54340	5905	QPSK	20MHz	18	0
		22.89	54340	5905	QPSK	20MHz	18	82
Low	Lowest	23.18	46890	5160	QPSK	20MHz	1	0
		23.13	46890	5160	QPSK	20MHz	1	99
	Highest	23.10	46890	5160	QPSK	20MHz	18	0
		23.15	46890	5160	QPSK	20MHz	18	82
High	Lowest	23.04	54340	5905	QPSK	20MHz	1	0
		23.15	54340	5905	QPSK	20MHz	1	99
	Highest	22.99	54340	5905	QPSK	20MHz	18	0
		23.02	54340	5905	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	QPSK	10MHz	1	0
		22.95	18650	1855	QPSK	10MHz	1	49
	Highest	22.91	18650	1855	QPSK	10MHz	12	0
		22.87	18650	1855	QPSK	10MHz	12	38
High	Lowest	22.97	19150	1905	QPSK	10MHz	1	0
		22.96	19150	1905	QPSK	10MHz	1	49
	Highest	22.89	19150	1905	QPSK	10MHz	12	0
		22.92	19150	1905	QPSK	10MHz	12	38
Low	Lowest	23.16	18700	1860	QPSK	20MHz	1	0
		23.07	18700	1860	QPSK	20MHz	1	99
	Highest	23.00	18700	1860	QPSK	20MHz	18	0
		23.11	18700	1860	QPSK	20MHz	18	82
High	Lowest	23.03	19100	1900	QPSK	20MHz	1	0
		23.06	19100	1900	QPSK	20MHz	1	99
	Highest	22.95	19100	1900	QPSK	20MHz	18	0
		22.95	19100	1900	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	QPSK	20MHz	1	0
		22.91	46890	5160	QPSK	20MHz	1	99
	Highest	22.92	46890	5160	QPSK	20MHz	18	0
		22.87	46890	5160	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	QPSK	20MHz	1	0
		22.95	46890	5160	QPSK	20MHz	1	99
	Highest	22.91	46890	5160	QPSK	20MHz	18	0
		22.87	46890	5160	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	QPSK	20MHz	1	0
		23.07	46890	5160	QPSK	20MHz	1	99
	Highest	23.00	46890	5160	QPSK	20MHz	18	0
		23.11	46890	5160	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	QPSK	20MHz	1	0
		22.89	54340	5905	QPSK	20MHz	1	99
	Highest	22.95	54340	5905	QPSK	20MHz	18	0
		22.95	54340	5905	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	QPSK	20MHz	1	0
		22.96	54340	5905	QPSK	20MHz	1	99
	Highest	22.89	54340	5905	QPSK	20MHz	18	0
		22.92	54340	5905	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	QPSK	20MHz	1	0
		23.06	54340	5905	QPSK	20MHz	1	99
	Highest	22.95	54340	5905	QPSK	20MHz	18	0
		22.95	54340	5905	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	QPSK	10MHz	1	0
		22.93	18650	1855	QPSK	10MHz	1	49
	Highest	22.86	18650	1855	QPSK	10MHz	12	0
		22.94	18650	1855	QPSK	10MHz	12	38
High	Lowest	22.96	19150	1905	QPSK	10MHz	1	0
		22.87	19150	1905	QPSK	10MHz	1	49
	Highest	22.93	19150	1905	QPSK	10MHz	12	0
		22.96	19150	1905	QPSK	10MHz	12	38
Low	Lowest	23.15	18700	1860	QPSK	20MHz	1	0
		23.10	18700	1860	QPSK	20MHz	1	99
	Highest	23.09	18700	1860	QPSK	20MHz	18	0
		23.09	18700	1860	QPSK	20MHz	18	82
High	Lowest	23.04	19100	1900	QPSK	20MHz	1	0
		23.06	19100	1900	QPSK	20MHz	1	99
	Highest	22.93	19100	1900	QPSK	20MHz	18	0
		22.93	19100	1900	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	QPSK	20MHz	1	0
		22.94	47090	5180	QPSK	20MHz	1	99
	Highest	22.95	47090	5180	QPSK	20MHz	18	0
		22.85	47090	5180	QPSK	20MHz	18	82
High	Lowest	22.96	54140	5885	QPSK	20MHz	1	0
		22.93	54140	5885	QPSK	20MHz	1	99
	Highest	22.90	54140	5885	QPSK	20MHz	18	0
		22.89	54140	5885	QPSK	20MHz	18	82
Low	Lowest	23.03	47090	5180	QPSK	20MHz	1	0
		22.93	47090	5180	QPSK	20MHz	1	99
	Highest	22.86	47090	5180	QPSK	20MHz	18	0
		22.94	47090	5180	QPSK	20MHz	18	82
High	Lowest	22.96	54140	5885	QPSK	20MHz	1	0
		22.87	54140	5885	QPSK	20MHz	1	99
	Highest	22.93	54140	5885	QPSK	20MHz	18	0
		22.96	54140	5885	QPSK	20MHz	18	82
Low	Lowest	23.15	47090	5180	QPSK	20MHz	1	0
		23.10	47090	5180	QPSK	20MHz	1	99
	Highest	23.09	47090	5180	QPSK	20MHz	18	0
		23.09	47090	5180	QPSK	20MHz	18	82
High	Lowest	23.04	54140	5885	QPSK	20MHz	1	0
		23.06	54140	5885	QPSK	20MHz	1	99
	Highest	22.93	54140	5885	QPSK	20MHz	18	0
		22.93	54140	5885	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

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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	23.05	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	QPSK	10MHz	1	0
		23.06	132022	1715	QPSK	10MHz	1	49
	Highest	23.05	132022	1715	QPSK	10MHz	12	0
		22.91	132022	1715	QPSK	10MHz	12	38
High	Lowest	22.86	132372	1750	QPSK	10MHz	1	0
		22.71	132372	1750	QPSK	10MHz	1	49
	Highest	22.75	132372	1750	QPSK	10MHz	12	0
		22.58	132372	1750	QPSK	10MHz	12	38
Low	Lowest	23.25	132072	1720	QPSK	20MHz	1	0
		22.95	132072	1720	QPSK	20MHz	1	99
	Highest	23.14	132072	1720	QPSK	20MHz	18	0
		22.93	132072	1720	QPSK	20MHz	18	82
High	Lowest	23.27	132322	1745	QPSK	20MHz	1	0
		22.95	132322	1745	QPSK	20MHz	1	99
	Highest	23.21	132322	1745	QPSK	20MHz	18	0
		22.78	132322	1745	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	QPSK	20MHz	1	0
		23.07	46890	5160	QPSK	20MHz	1	99
	Highest	22.92	46890	5160	QPSK	20MHz	18	0
		22.97	46890	5160	QPSK	20MHz	18	82
High	Lowest	22.92	54340	5905	QPSK	20MHz	1	0
		22.79	54340	5905	QPSK	20MHz	1	99
	Highest	22.86	54340	5905	QPSK	20MHz	18	0
		22.68	54340	5905	QPSK	20MHz	18	82
Low	Lowest	23.21	46890	5160	QPSK	20MHz	1	0
		23.06	46890	5160	QPSK	20MHz	1	99
	Highest	23.05	46890	5160	QPSK	20MHz	18	0
		22.91	46890	5160	QPSK	20MHz	18	82
High	Lowest	22.86	54340	5905	QPSK	20MHz	1	0
		22.71	54340	5905	QPSK	20MHz	1	99
	Highest	22.75	54340	5905	QPSK	20MHz	18	0
		22.58	54340	5905	QPSK	20MHz	18	82
Low	Lowest	23.25	46890	5160	QPSK	20MHz	1	0
		22.95	46890	5160	QPSK	20MHz	1	99
	Highest	23.14	46890	5160	QPSK	20MHz	18	0
		22.93	46890	5160	QPSK	20MHz	18	82
High	Lowest	23.27	54340	5905	QPSK	20MHz	1	0
		22.95	54340	5905	QPSK	20MHz	1	99
	Highest	23.21	54340	5905	QPSK	20MHz	18	0
		22.78	54340	5905	QPSK	20MHz	18	82

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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	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	QPSK	10MHz	1	0
		23.07	132022	1715	QPSK	10MHz	1	49
	Highest	23.03	132022	1715	QPSK	10MHz	12	0
		23.00	132022	1715	QPSK	10MHz	12	38
High	Lowest	22.85	132372	1750	QPSK	10MHz	1	0
		22.69	132372	1750	QPSK	10MHz	1	49
	Highest	22.77	132372	1750	QPSK	10MHz	12	0
		22.60	132372	1750	QPSK	10MHz	12	38
Low	Lowest	23.28	132072	1720	QPSK	20MHz	1	0
		22.91	132072	1720	QPSK	20MHz	1	99
	Highest	23.10	132072	1720	QPSK	20MHz	18	0
		22.89	132072	1720	QPSK	20MHz	18	82
High	Lowest	23.31	132322	1745	QPSK	20MHz	1	0
		22.91	132322	1745	QPSK	20MHz	1	99
	Highest	23.21	132322	1745	QPSK	20MHz	18	0
		22.78	132322	1745	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	QPSK	20MHz	1	0
		23.09	46890	5160	QPSK	20MHz	1	99
	Highest	22.93	46890	5160	QPSK	20MHz	18	0
		22.98	46890	5160	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	QPSK	20MHz	1	0
		23.07	46890	5160	QPSK	20MHz	1	99
	Highest	23.03	46890	5160	QPSK	20MHz	18	0
		23.00	46890	5160	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	QPSK	20MHz	1	0
		22.91	46890	5160	QPSK	20MHz	1	99
	Highest	23.10	46890	5160	QPSK	20MHz	18	0
		22.89	46890	5160	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	QPSK	20MHz	1	0
		22.84	54340	5905	QPSK	20MHz	1	99
	Highest	22.87	54340	5905	QPSK	20MHz	18	0
		22.73	54340	5905	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	QPSK	20MHz	1	0
		22.69	54340	5905	QPSK	20MHz	1	99
	Highest	22.77	54340	5905	QPSK	20MHz	18	0
		22.60	54340	5905	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	QPSK	20MHz	1	0
		22.91	54340	5905	QPSK	20MHz	1	99
	Highest	23.21	54340	5905	QPSK	20MHz	18	0
		22.78	54340	5905	QPSK	20MHz	18	82

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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	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	QPSK	10MHz	1	0
		23.02	132022	1715	QPSK	10MHz	1	49
	Highest	23.07	132022	1715	QPSK	10MHz	12	0
		22.96	132022	1715	QPSK	10MHz	12	38
High	Lowest	22.87	132372	1750	QPSK	10MHz	1	0
		22.70	132372	1750	QPSK	10MHz	1	49
	Highest	22.77	132372	1750	QPSK	10MHz	12	0
		22.58	132372	1750	QPSK	10MHz	12	38
Low	Lowest	23.22	132072	1720	QPSK	20MHz	1	0
		22.96	132072	1720	QPSK	20MHz	1	99
	Highest	23.12	132072	1720	QPSK	20MHz	18	0
		22.86	132072	1720	QPSK	20MHz	18	82
High	Lowest	23.26	132322	1745	QPSK	20MHz	1	0
		22.94	132322	1745	QPSK	20MHz	1	99
	Highest	23.23	132322	1745	QPSK	20MHz	18	0
		22.79	132322	1745	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	QPSK	20MHz	1	0
		23.04	47090	5180	QPSK	20MHz	1	99
	Highest	22.95	47090	5180	QPSK	20MHz	18	0
		22.97	47090	5180	QPSK	20MHz	18	82
High	Lowest	22.98	54140	5885	QPSK	20MHz	1	0
		22.81	54140	5885	QPSK	20MHz	1	99
	Highest	22.86	54140	5885	QPSK	20MHz	18	0
		22.63	54140	5885	QPSK	20MHz	18	82
Low	Lowest	23.18	47090	5180	QPSK	20MHz	1	0
		23.02	47090	5180	QPSK	20MHz	1	99
	Highest	23.07	47090	5180	QPSK	20MHz	18	0
		22.96	47090	5180	QPSK	20MHz	18	82
High	Lowest	22.87	54140	5885	QPSK	20MHz	1	0
		22.70	54140	5885	QPSK	20MHz	1	99
	Highest	22.77	54140	5885	QPSK	20MHz	18	0
		22.58	54140	5885	QPSK	20MHz	18	82
Low	Lowest	23.22	47090	5180	QPSK	20MHz	1	0
		22.96	47090	5180	QPSK	20MHz	1	99
	Highest	23.12	47090	5180	QPSK	20MHz	18	0
		22.86	47090	5180	QPSK	20MHz	18	82
High	Lowest	23.26	54140	5885	QPSK	20MHz	1	0
		22.94	54140	5885	QPSK	20MHz	1	99
	Highest	23.23	54140	5885	QPSK	20MHz	18	0
		22.79	54140	5885	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