



## Attestation Letter

Date: 22-Nov-18

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia MD 21046  
Subject: Request for Confidentiality  
FCC ID : XIA-NTC224

To Whom It May Concern:

For LTE Band 2 / LTE Band 4:

- The spec of this device supports only 25RB (half) in 10MHz 16QAM and it does not support full RB, so OBW is only about 5MHz.
- In 15MHz & 20MHz this device only supports 1RB and it does not support Half & Full RB, so OBW is only about 2MHz.

For LTE Band 12:

- The spec of this device supports only 25RB (half) in 10MHz 16QAM and it does not support full RB, so OBW is only about 5MHz.



The detail information please refer to the below table:

For LTE Band 2 / LTE Band 4:

Channel BW	Modulation scheme	RB@RB Offset	3GPP RB allocation for Cat 1
1.4MHz	QPSK	<u>1@0</u>	Yes
		<u>1@3</u>	Yes
		<u>1@5</u>	Yes
		<u>3@0</u>	Yes
		<u>3@1</u>	Yes
		<u>3@3</u>	Yes
		<u>6@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@3</u>	Yes
		<u>1@5</u>	Yes
		<u>3@0</u>	Yes
		<u>3@1</u>	Yes
		<u>3@3</u>	Yes
		<u>6@0</u>	Yes
3MH	QPSK	<u>1@0</u>	Yes
		<u>1@7</u>	Yes
		<u>1@14</u>	Yes
		<u>8@0</u>	Yes
		<u>8@4</u>	Yes
		<u>8@7</u>	Yes
		<u>15@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@7</u>	Yes
		<u>1@14</u>	Yes
		<u>8@0</u>	Yes
		<u>8@4</u>	Yes
		<u>8@7</u>	Yes
		<u>15@0</u>	Yes
5MH	QPSK	<u>1@0</u>	Yes
		<u>1@12</u>	Yes
		<u>1@24</u>	Yes
		<u>12@0</u>	Yes
		<u>12@6</u>	Yes
		<u>12@11</u>	Yes
		<u>25@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@12</u>	Yes
		<u>1@24</u>	Yes
		<u>12@0</u>	Yes
		<u>12@6</u>	Yes
		<u>12@11</u>	Yes
		<u>25@0</u>	Yes
10MHz	QPSK	<u>1@0</u>	Yes
		<u>1@24</u>	Yes
		<u>1@49</u>	Yes
		<u>25@0</u>	Yes
		<u>25@12</u>	Yes
		<u>25@24</u>	Yes
		<u>50@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@24</u>	Yes



		<u>1@49</u>	Yes
		<u>25@0</u>	Yes
		<u>25@12</u>	Yes
		<u>25@24</u>	Yes
		<u>50@0</u>	No
15MHz	QPSK	<u>1@0</u>	Yes
		<u>1@37</u>	Yes
		<u>1@74</u>	Yes
		<u>36@0</u>	Yes
		<u>36@17</u>	Yes
		<u>36@35</u>	Yes
		<u>75@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@37</u>	Yes
		<u>1@74</u>	Yes
		<u>36@0</u>	No
		<u>36@17</u>	No
		<u>36@35</u>	No
		<u>75@0</u>	No
20MH	QPSK	<u>1@0</u>	Yes
		<u>1@49</u>	Yes
		<u>1@99</u>	Yes
		<u>50@0</u>	Yes
		<u>50@24</u>	Yes
		<u>50@49</u>	Yes
		<u>100@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@49</u>	Yes
		<u>1@99</u>	Yes
		<u>50@0</u>	No
		<u>50@24</u>	No
		<u>50@49</u>	No
		<u>100@0</u>	No



For LTE Band 12:

Channel BW	Modulation scheme	RB@RB Offset	3GPP RB allocation for Cat 1
1.4MHz	QPSK	<u>1@0</u>	Yes
		<u>1@3</u>	Yes
		<u>1@5</u>	Yes
		<u>3@0</u>	Yes
		<u>3@1</u>	Yes
		<u>3@3</u>	Yes
		<u>6@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@3</u>	Yes
		<u>1@5</u>	Yes
		<u>3@0</u>	Yes
		<u>3@1</u>	Yes
		<u>3@3</u>	Yes
		<u>6@0</u>	Yes
3MH	QPSK	<u>1@0</u>	Yes
		<u>1@7</u>	Yes
		<u>1@14</u>	Yes
		<u>8@0</u>	Yes
		<u>8@4</u>	Yes
		<u>8@7</u>	Yes
		<u>15@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@7</u>	Yes
		<u>1@14</u>	Yes
		<u>8@0</u>	Yes
		<u>8@4</u>	Yes
		<u>8@7</u>	Yes
		<u>15@0</u>	Yes
5MH	QPSK	<u>1@0</u>	Yes
		<u>1@12</u>	Yes
		<u>1@24</u>	Yes
		<u>12@0</u>	Yes
		<u>12@6</u>	Yes
		<u>12@11</u>	Yes
		<u>25@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@12</u>	Yes
		<u>1@24</u>	Yes
		<u>12@0</u>	Yes
		<u>12@6</u>	Yes
		<u>12@11</u>	Yes
		<u>25@0</u>	Yes
10MHz	QPSK	<u>1@0</u>	Yes
		<u>1@24</u>	Yes
		<u>1@49</u>	Yes
		<u>25@0</u>	Yes
		<u>25@12</u>	Yes
		<u>25@24</u>	Yes
		<u>50@0</u>	Yes
	16-QAM UL	<u>1@0</u>	Yes
		<u>1@24</u>	Yes
		<u>1@49</u>	Yes



		<u>25@0</u>	Yes
		<u>25@12</u>	Yes
		<u>25@24</u>	Yes
		<u>50@0</u>	No

Sincerely,

Applicant's company name : NetComm Wireless Limited  
Applicant's company address : 18-20 Orion Road Lane Cove NSW 2066 Australia

Signature : 

Name : Pat Sinni  
E-Mail : pat.sinni@netcommwireless.com  
Tel : +61294242070