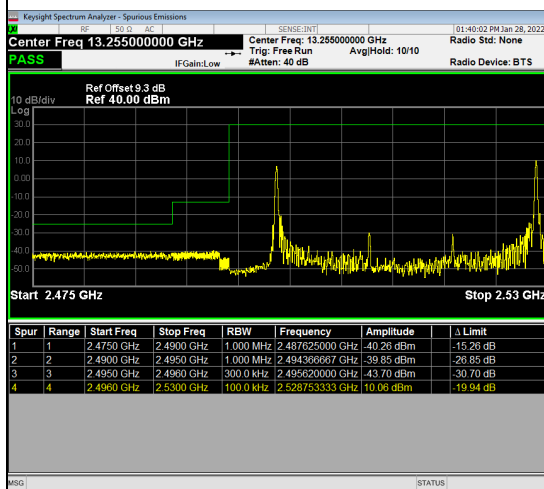
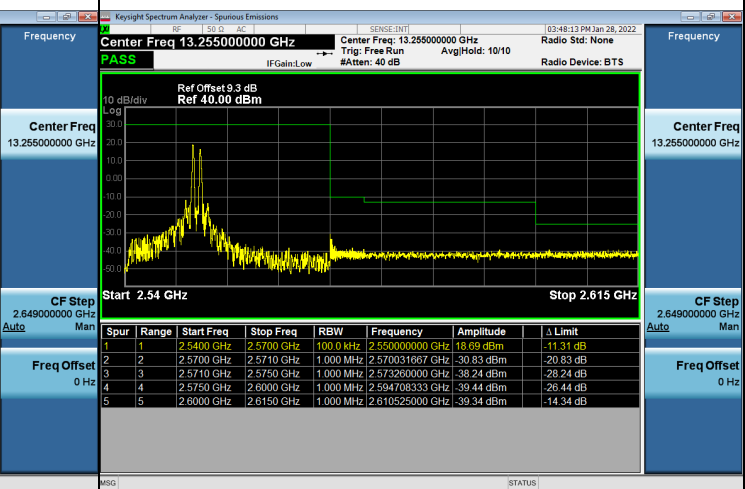


## LTE CA\_7C\_10MHz+20MHz Spectrum Plot

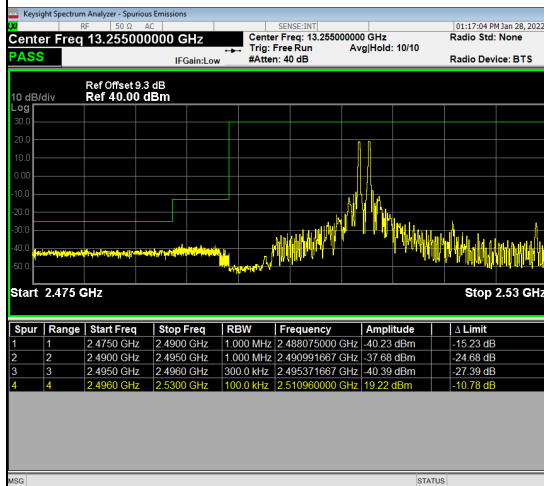
### 1RB#0+1RB#99\_Low Range



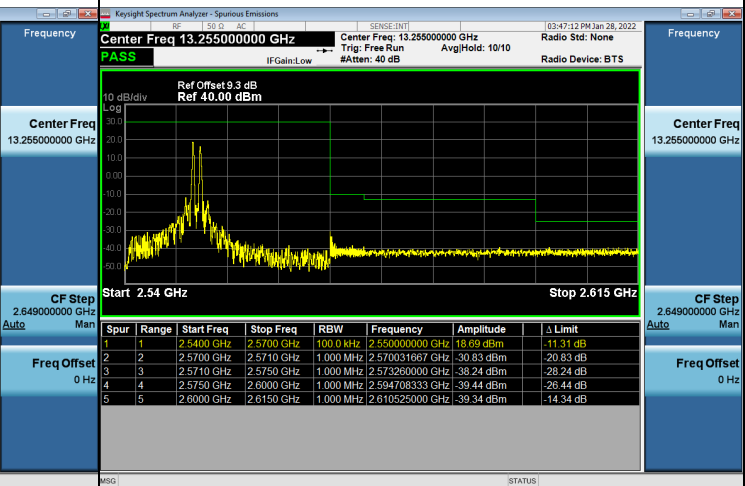
### 1RB#0+1RB#99\_High Range



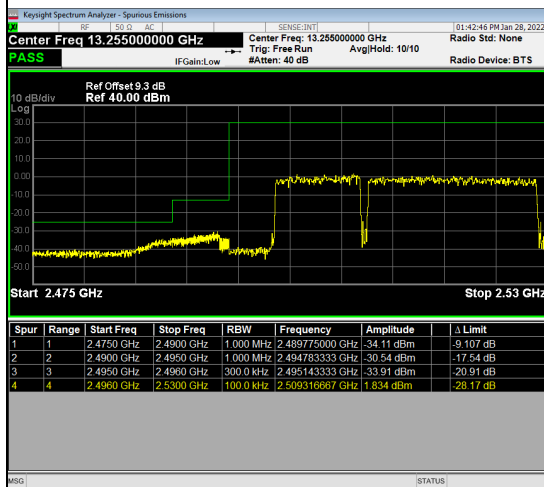
### 1RB#49+1RB#0\_Low Range



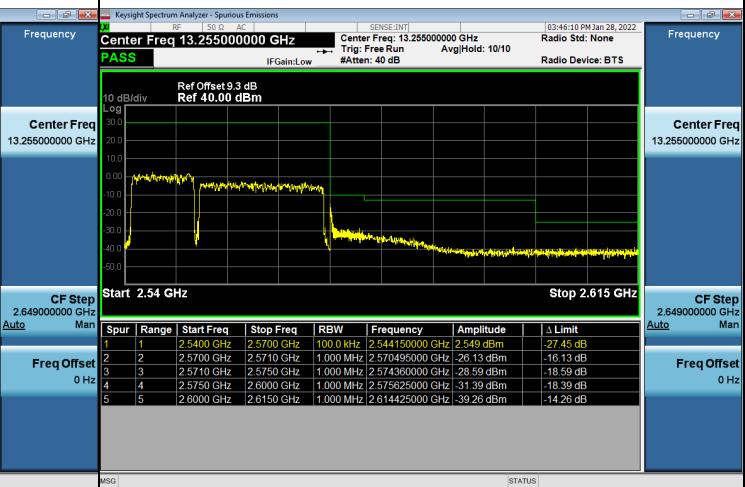
### 1RB#49+1RB#0\_High Range



### 50RB#0+100RB#0\_Low Range

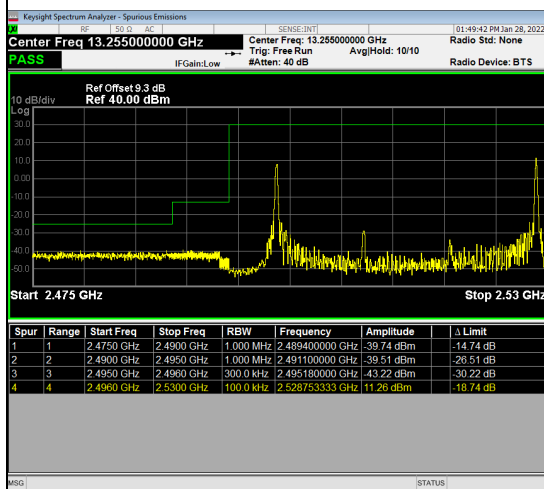


### 50RB#0+100RB#0\_High Range

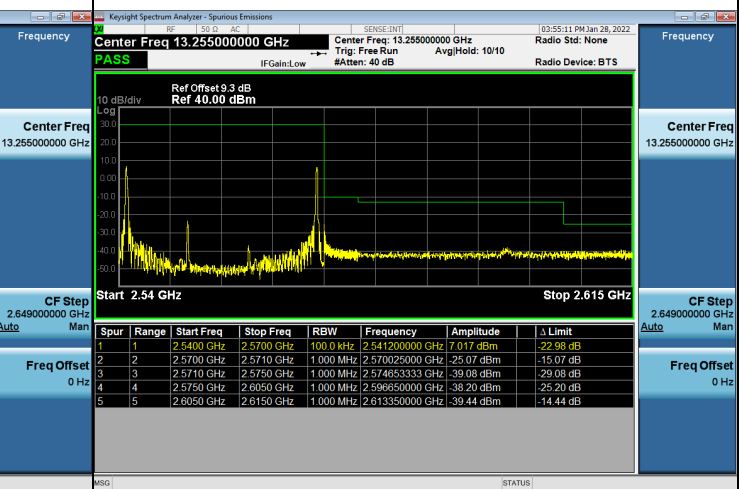


## LTE CA\_7C\_20MHz+10MHz Spectrum Plot

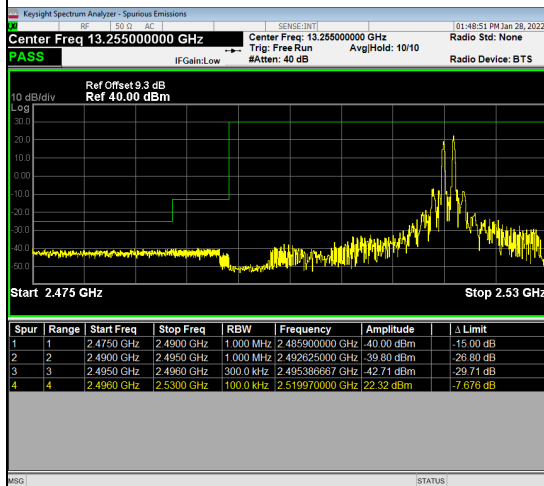
### 1RB#0+1RB#49\_Low Range



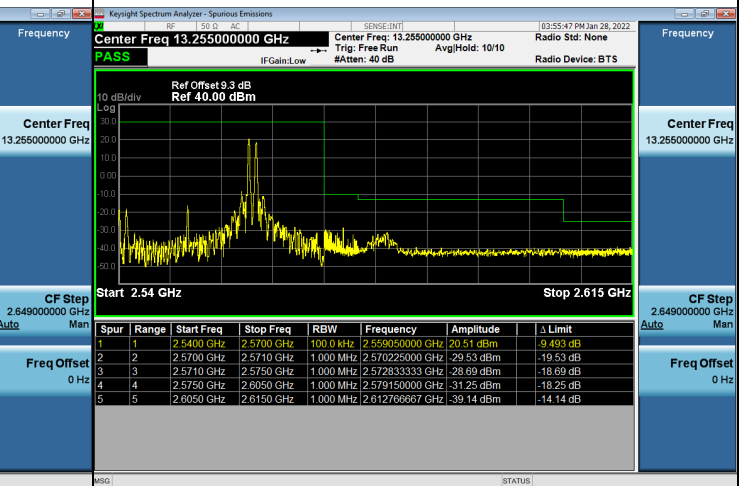
### 1RB#0+1RB#49\_High Range



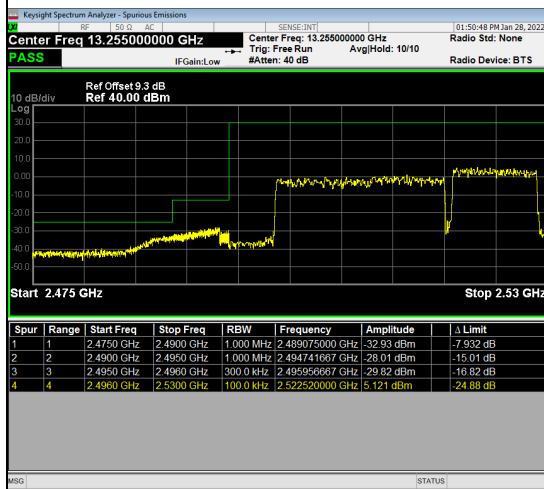
### 1RB#99+1RB#0\_Low Range



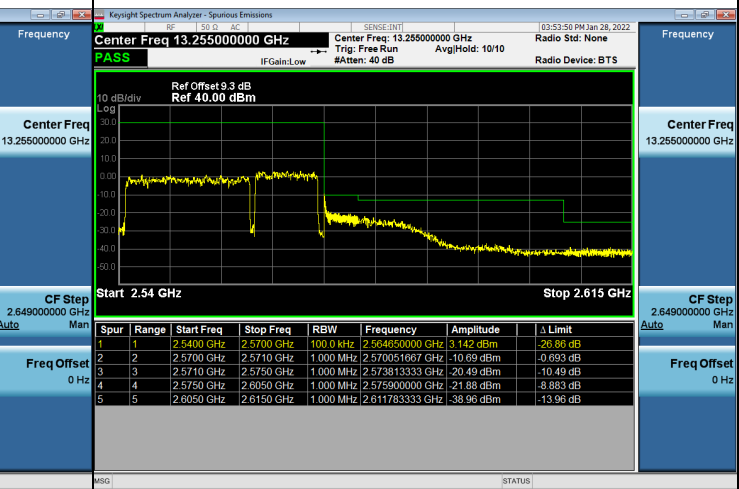
### 1RB#49+1RB#0\_High Range



### 100RB#0+50RB#0\_Low Range

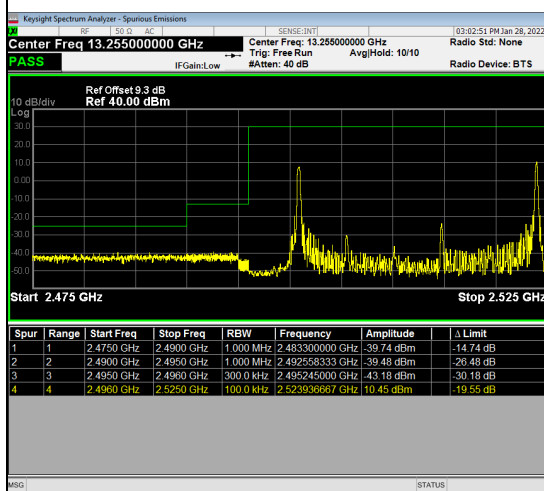


### 100RB#0+50RB#0\_High Range

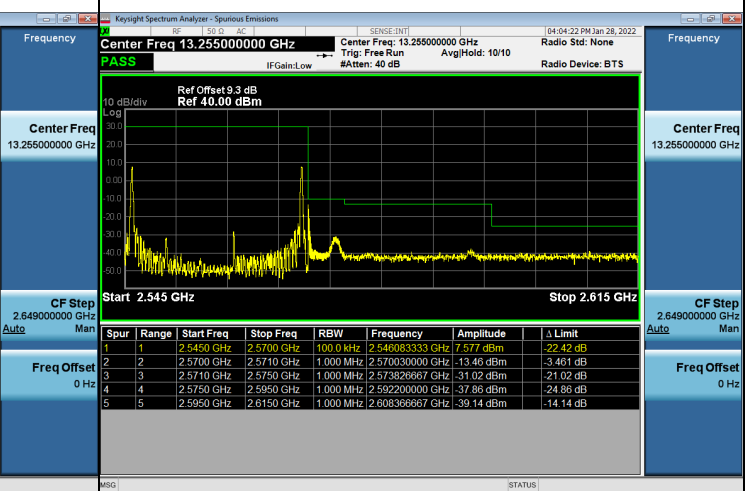


## LTE CA\_7C\_15MHz+10MHz Spectrum Plot

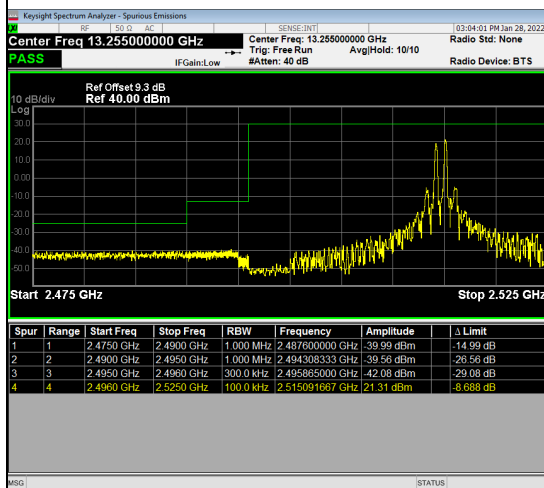
### 1RB#0+1RB#49\_Low Range



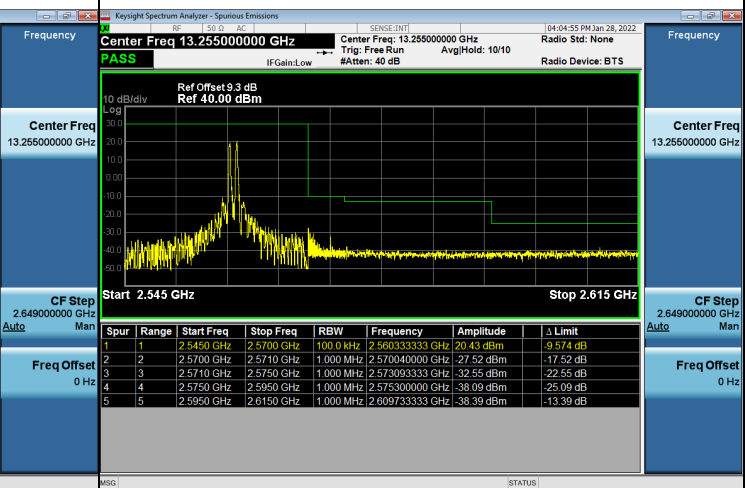
### 1RB#0+1RB#49\_High Range



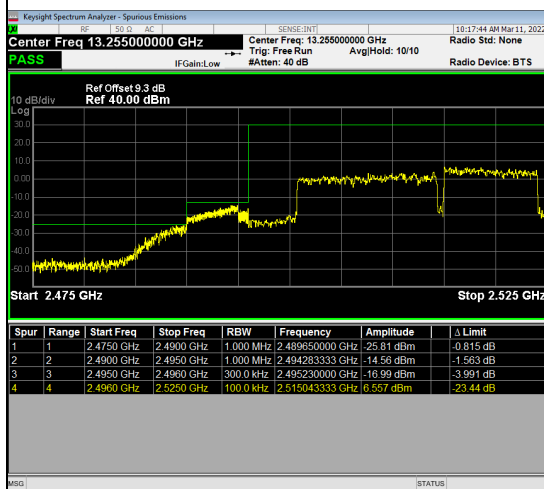
### 1RB#74+1RB#0\_Low Range



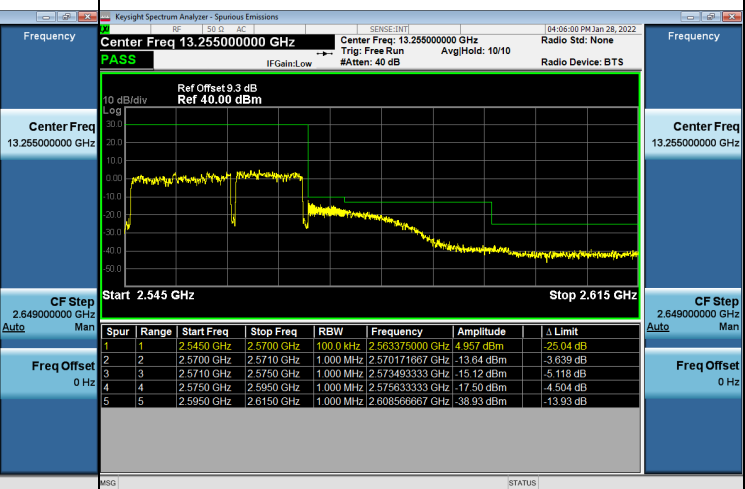
### 1RB#74+1RB#0\_High Range



### 75RB#0+50RB#0\_Low Range

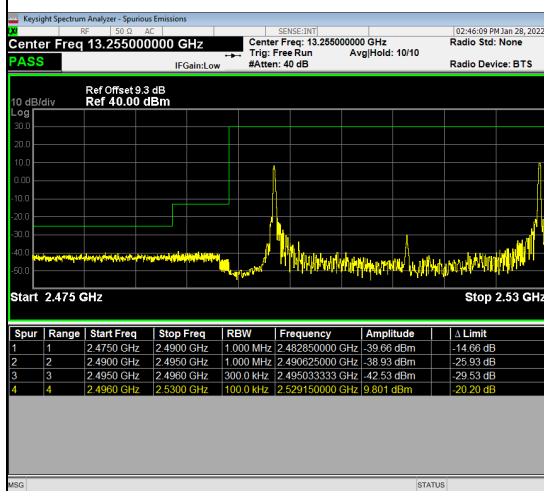


### 75RB#0+50RB#0\_High Range

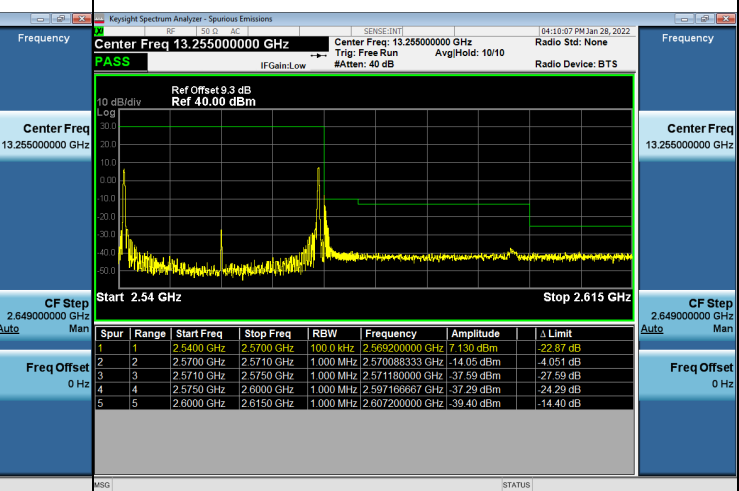


## LTE CA\_7C\_15MHz+15MHz Spectrum Plot

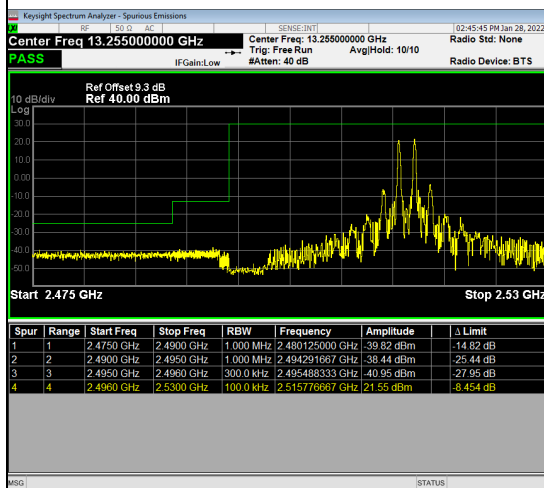
### 1RB#0+1RB#74\_Low Range



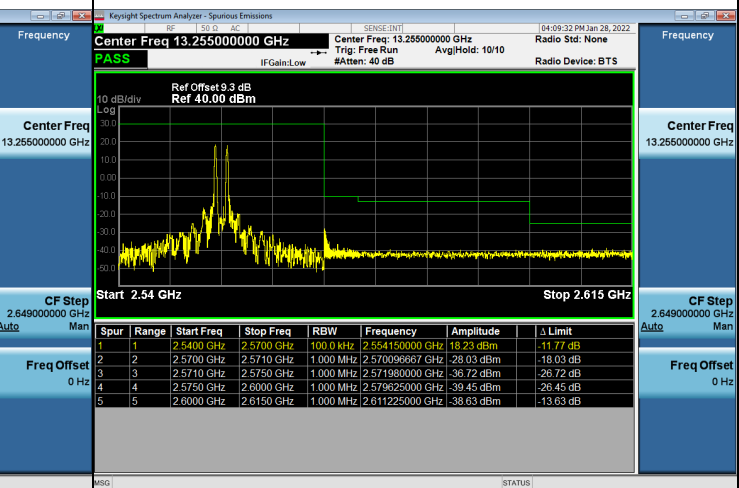
### 1RB#0+1RB#74\_High Range



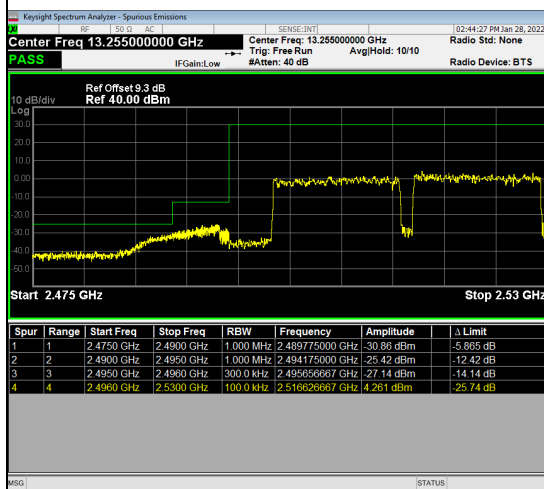
### 1RB#74+1RB#0\_Low Range



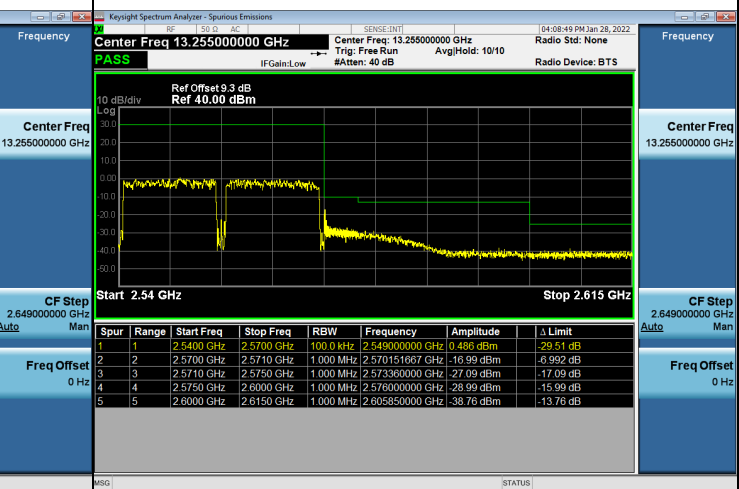
### 1RB#74+1RB#0\_High Range



### 75RB#0+75RB#0\_Low Range

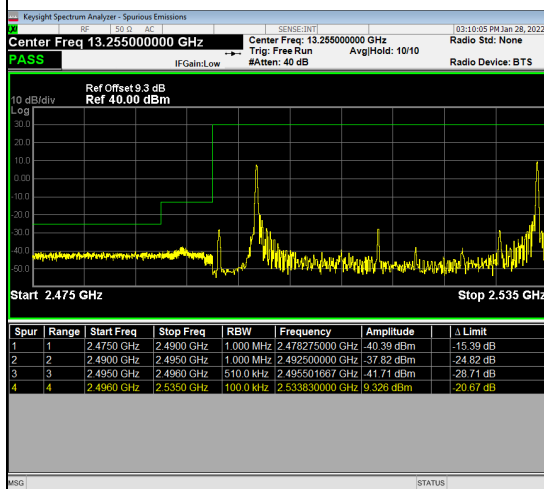


### 75RB#0+75RB#0\_High Range

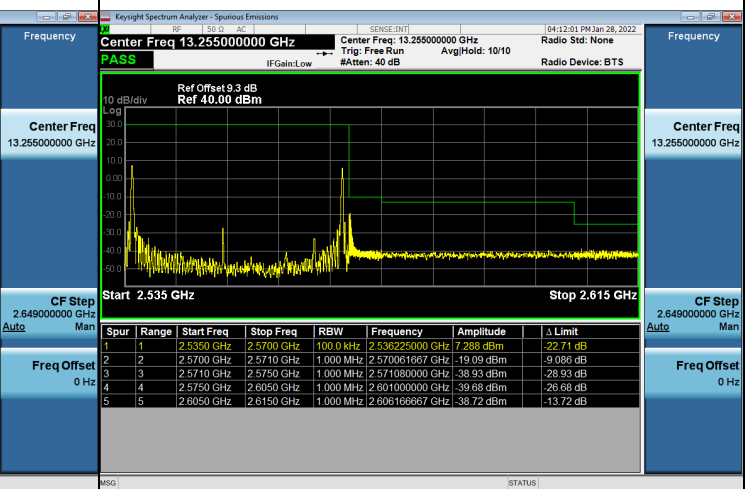


## LTE CA\_7C\_15MHz+20MHz Spectrum Plot

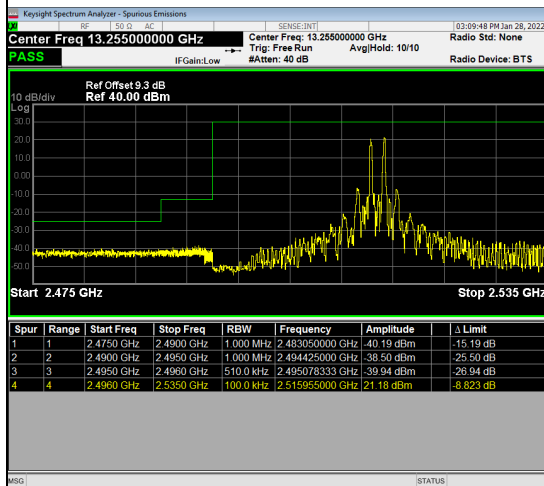
### 1RB#0+1RB#99\_Low Range



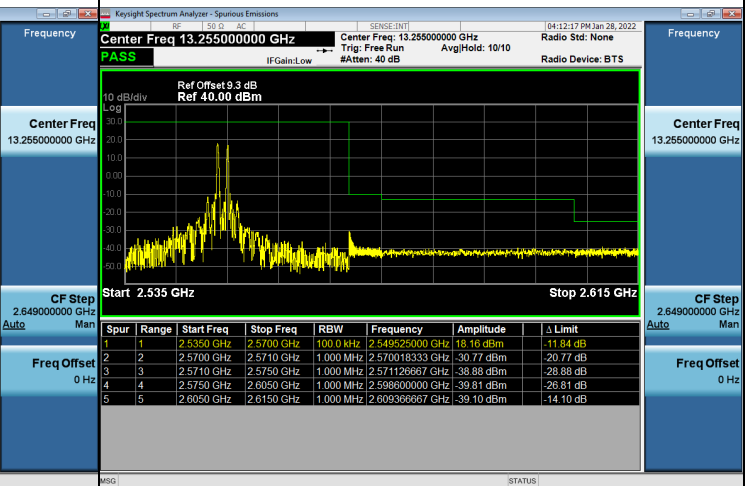
### 1RB#0+1RB#99\_High Range



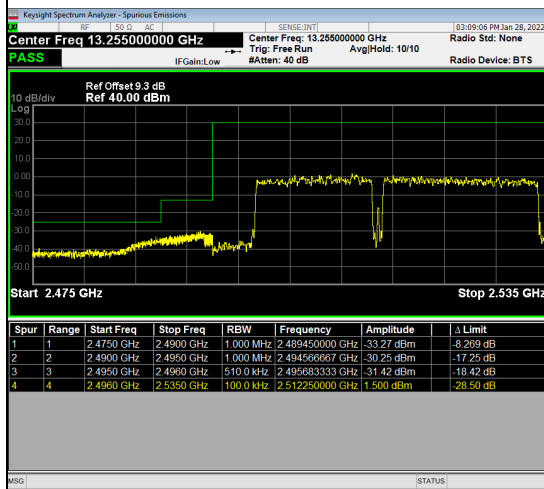
### 1RB#74+1RB#0\_Low Range



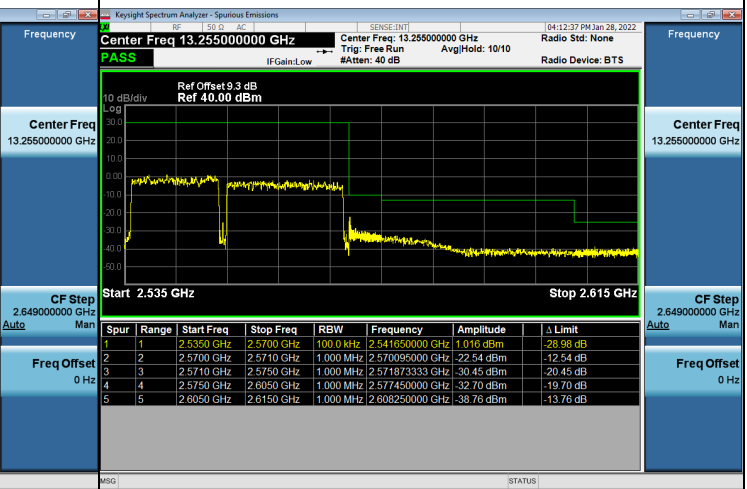
### 1RB#74+1RB#0\_High Range



### 75RB#0+100RB#0\_Low Range

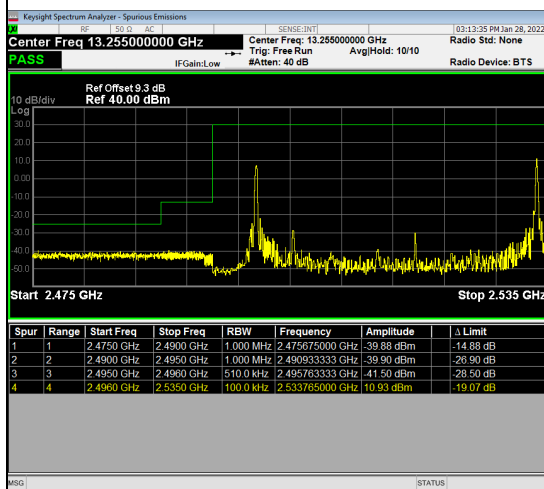


### 75RB#0+100RB#0\_High Range

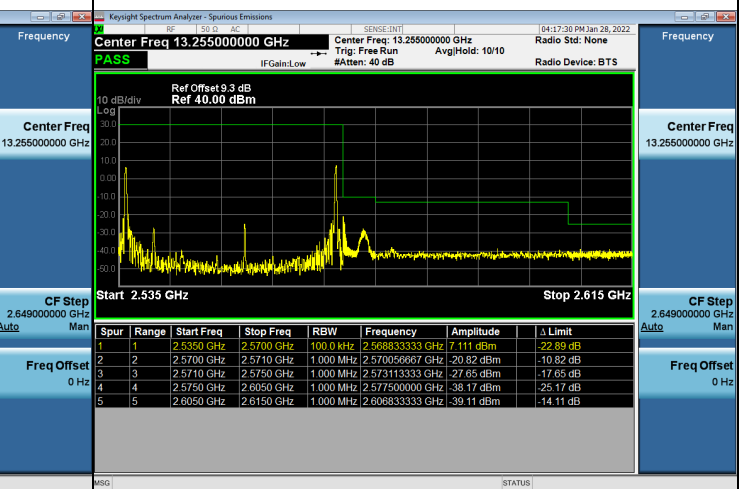


## LTE CA\_7C\_20MHz+15MHz Spectrum Plot

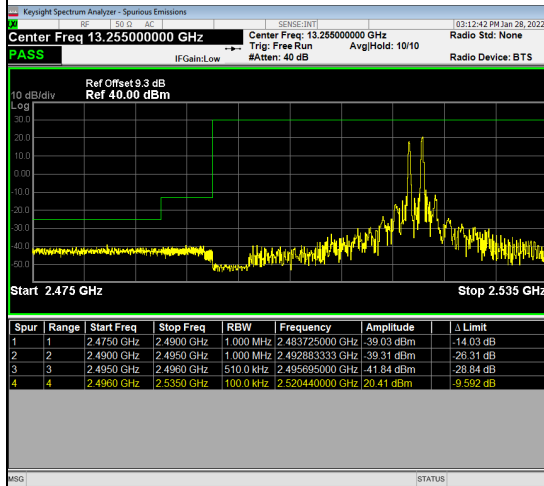
### 1RB#0+1RB#74\_Low Range



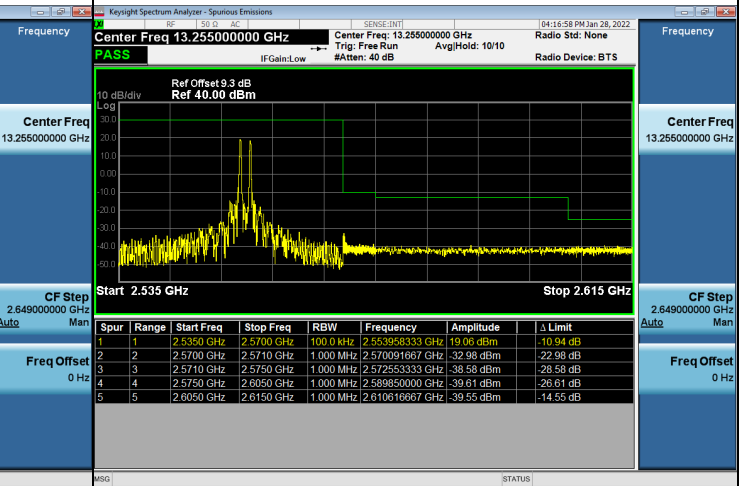
### 1RB#0+1RB#74\_High Range



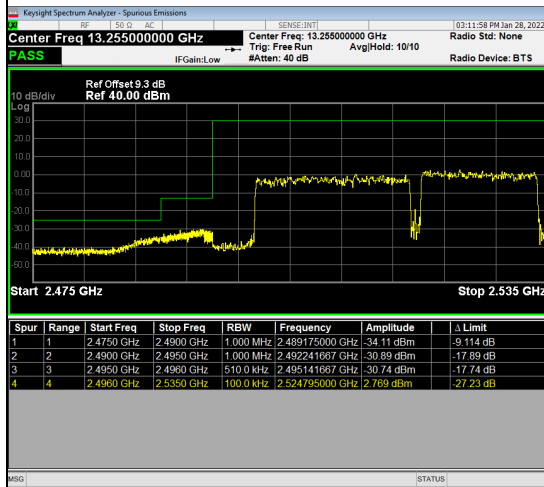
### 1RB#99+1RB#0\_Low Range



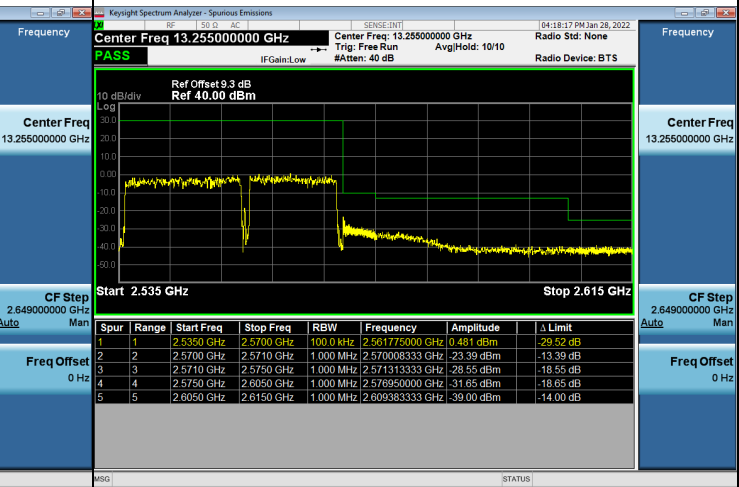
### 1RB#99+1RB#0\_High Range



### 100RB#0+75RB#0\_Low Range

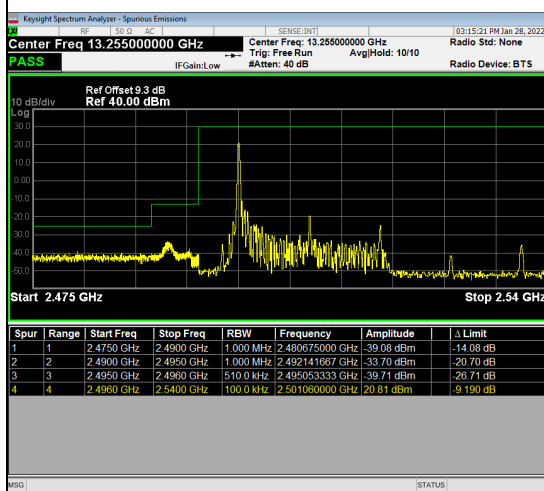


### 100RB#0+75RB#0\_High Range

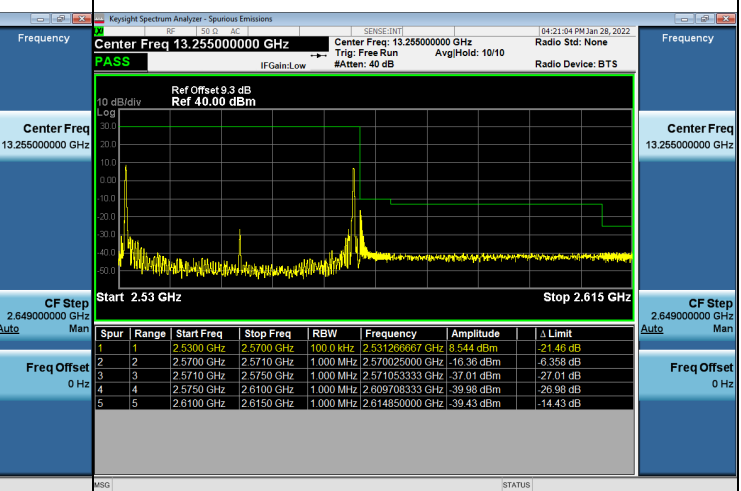


## LTE CA\_7C\_20MHz+20MHz Spectrum Plot

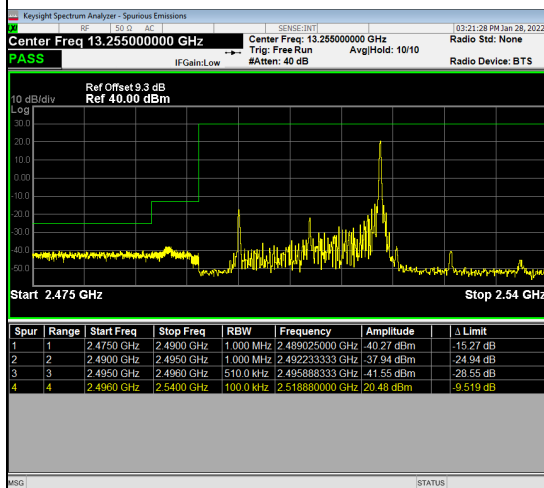
### 1RB#0+1RB#99\_Low Range



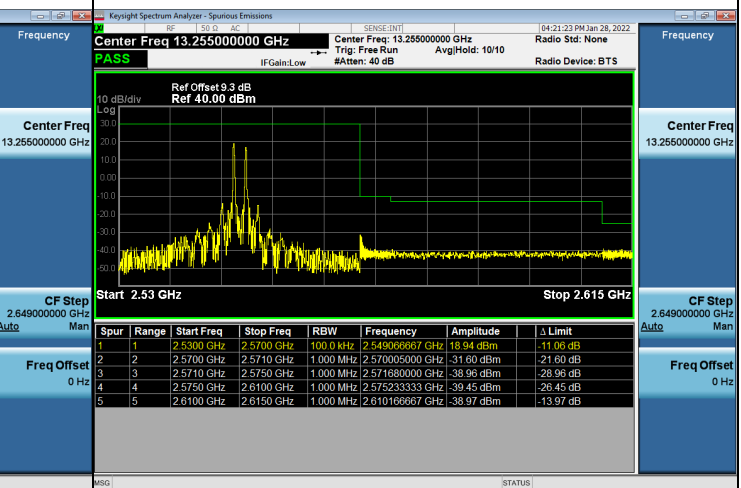
### 1RB#0+1RB#99\_High Range



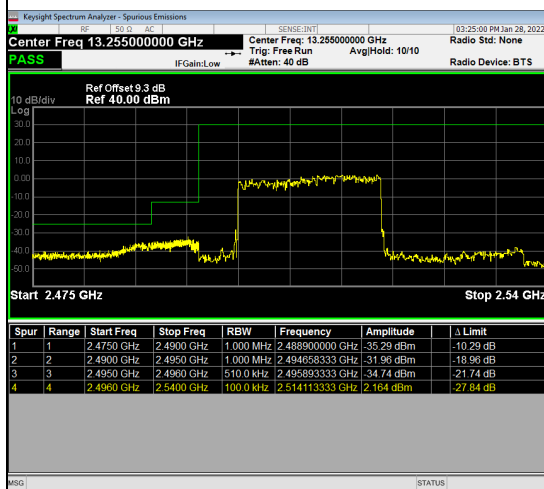
### 1RB#99+1RB#0\_Low Range



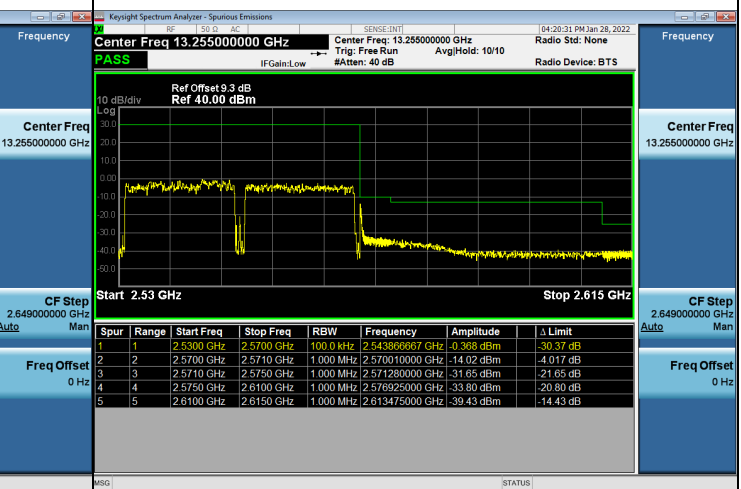
### 1RB#99+1RB#0\_High Range



### 100RB#0+100RB#0\_Low Range

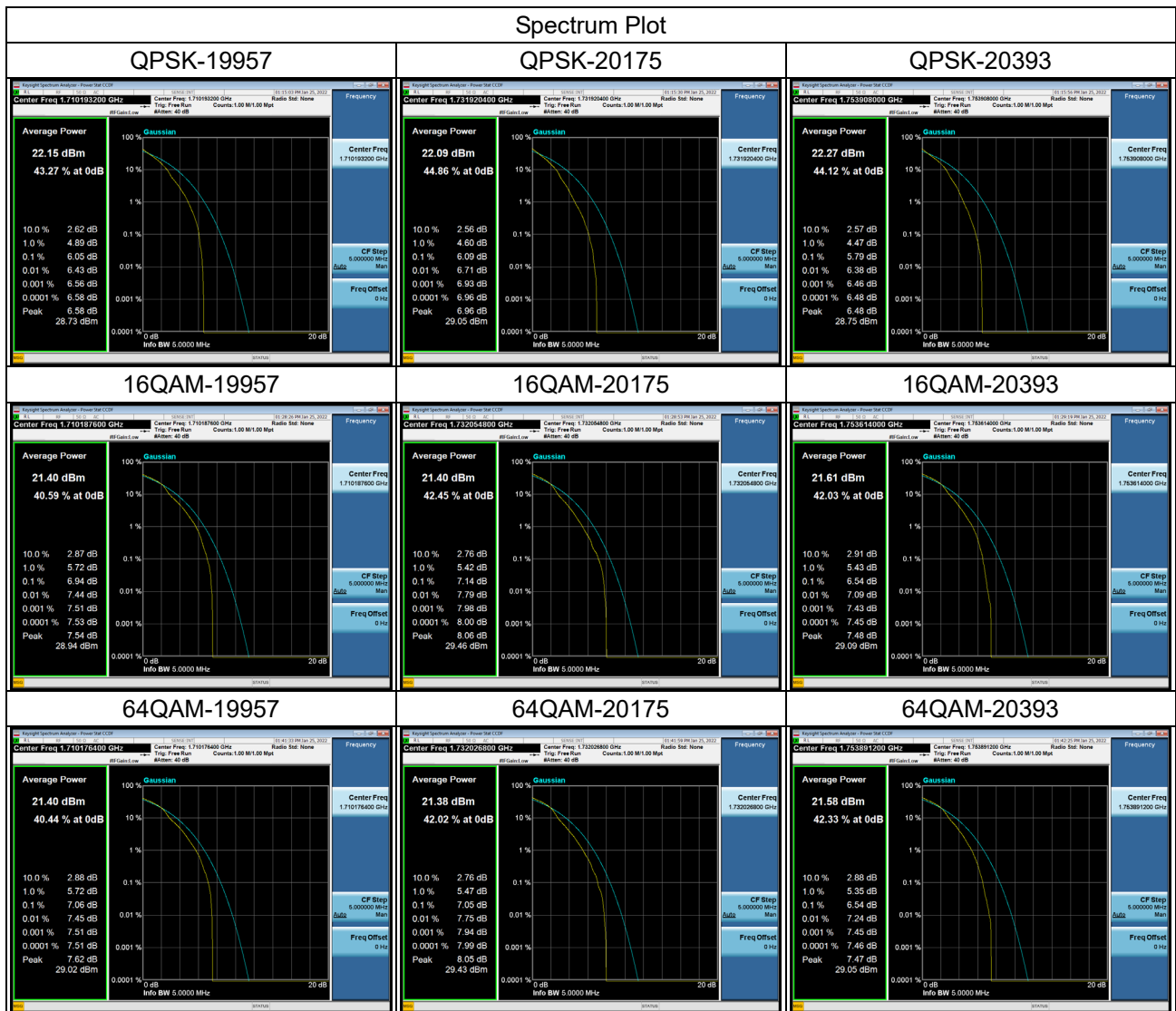


### 100RB#0+100RB#0\_High Range

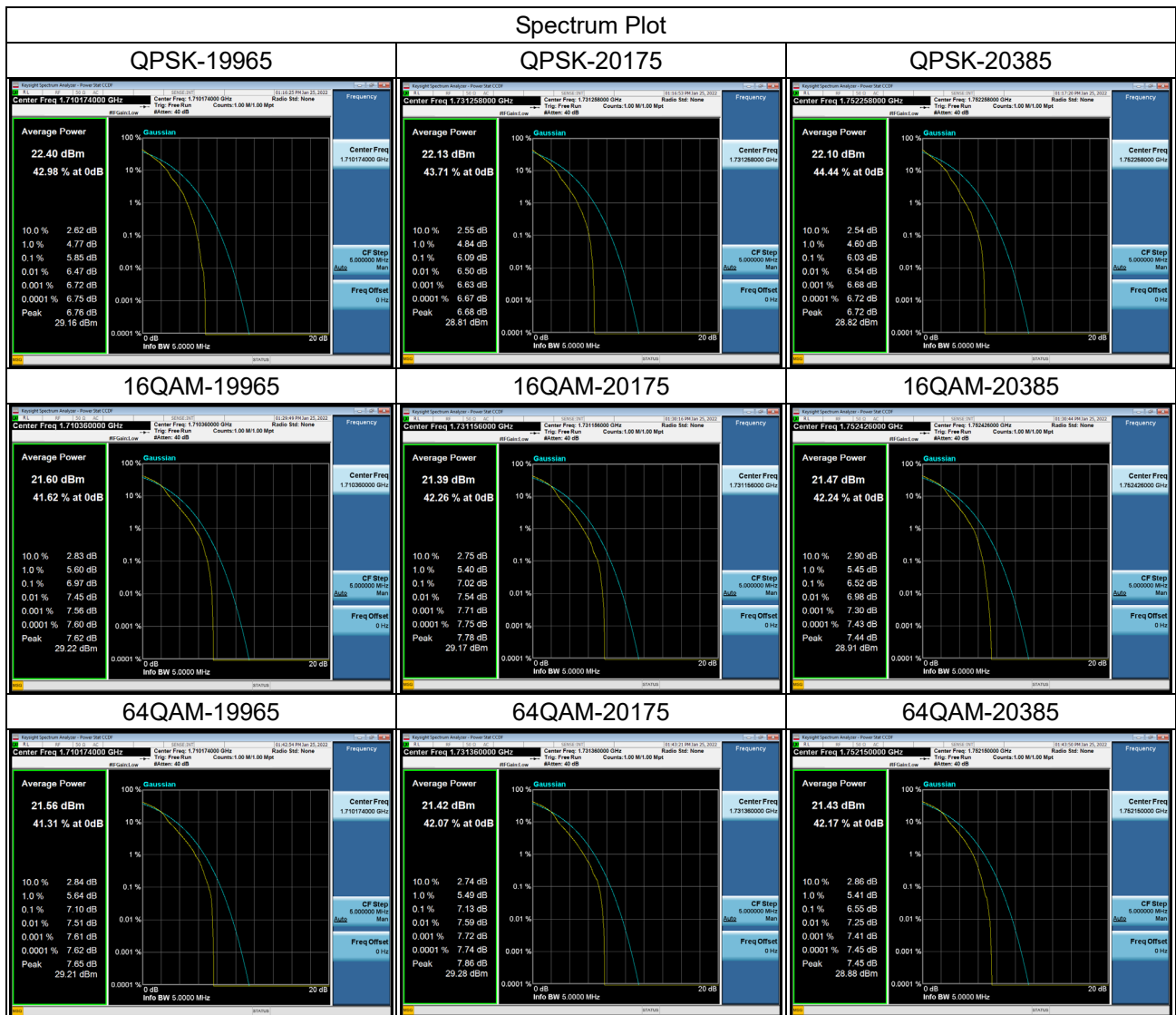


## APPENDIX H - PEAK TO AVERAGE RATIO

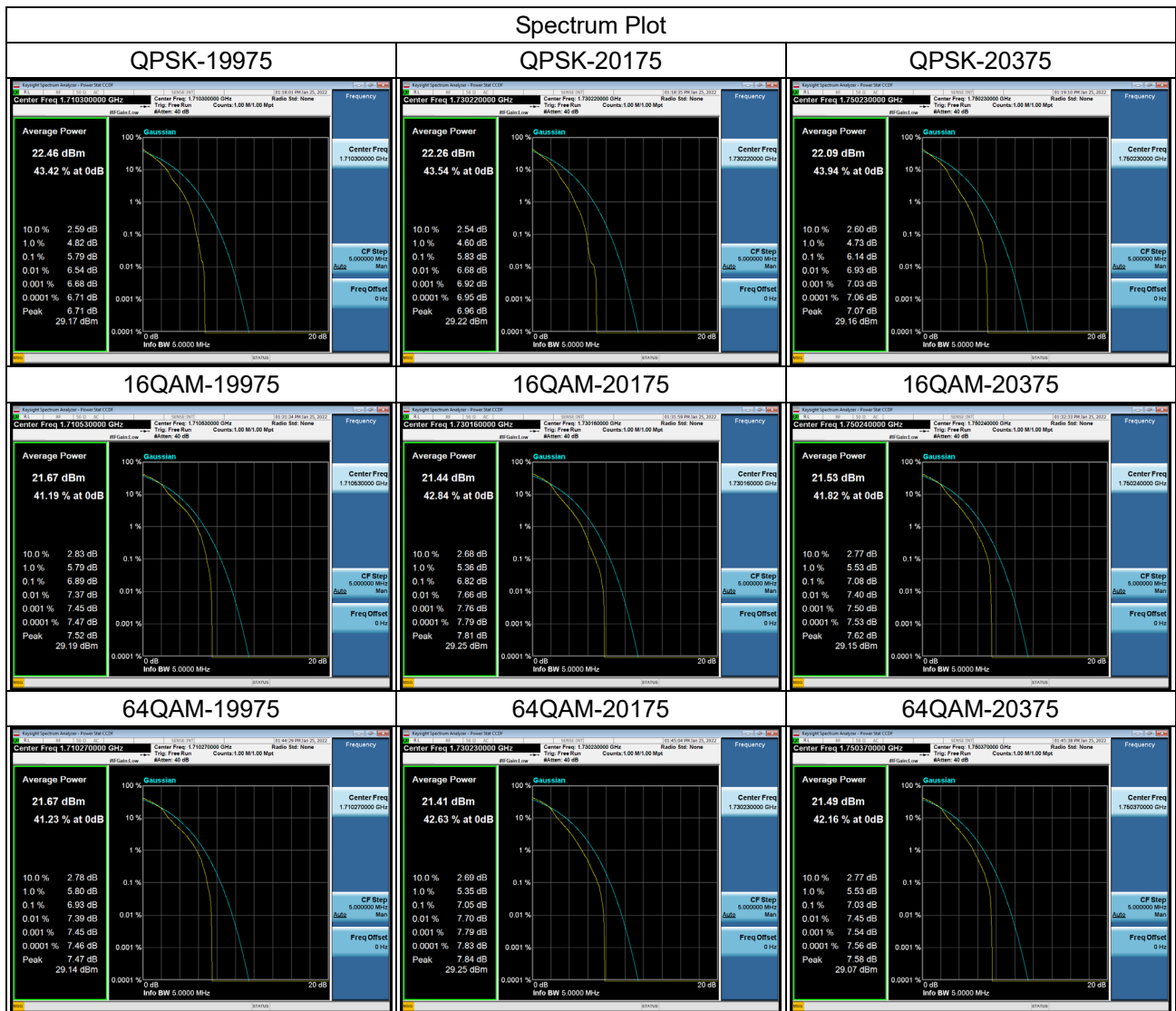
| LTE Band 4_1.4MHz |                 |                            |       |       |                 |        |
|-------------------|-----------------|----------------------------|-------|-------|-----------------|--------|
| Channel           | Frequency (MHz) | Peak To Average Ratio (dB) |       |       | Max. Limit (dB) | Result |
|                   |                 | QPSK                       | 16QAM | 64QAM |                 |        |
| 19957             | 1710.7          | 6.05                       | 6.94  | 7.06  | 13              | Pass   |
| 20175             | 1732.5          | 6.09                       | 7.14  | 7.05  | 13              | Pass   |
| 20393             | 1754.3          | 5.79                       | 6.54  | 6.54  | 13              | Pass   |



| LTE Band 4_3MHz |                 |                            |       |       |                 |        |
|-----------------|-----------------|----------------------------|-------|-------|-----------------|--------|
| Channel         | Frequency (MHz) | Peak To Average Ratio (dB) |       |       | Max. Limit (dB) | Result |
|                 |                 | QPSK                       | 16QAM | 64QAM |                 |        |
| 19965           | 1711.5          | 5.85                       | 6.97  | 7.10  | 13              | Pass   |
| 20175           | 1732.5          | 6.09                       | 7.02  | 7.13  | 13              | Pass   |
| 20385           | 1753.5          | 6.03                       | 6.52  | 6.55  | 13              | Pass   |



| LTE Band 4_5MHz |                 |                            |       |       |                 |        |
|-----------------|-----------------|----------------------------|-------|-------|-----------------|--------|
| Channel         | Frequency (MHz) | Peak To Average Ratio (dB) |       |       | Max. Limit (dB) | Result |
|                 |                 | QPSK                       | 16QAM | 64QAM |                 |        |
| 19975           | 1712.5          | 5.79                       | 6.89  | 6.93  | 13              | Pass   |
| 20175           | 1732.5          | 5.83                       | 6.82  | 7.05  | 13              | Pass   |
| 20375           | 1752.5          | 6.14                       | 7.08  | 7.03  | 13              | Pass   |



| LTE Band 4_10MHz |                 |                            |       |       |                 |        |
|------------------|-----------------|----------------------------|-------|-------|-----------------|--------|
| Channel          | Frequency (MHz) | Peak To Average Ratio (dB) |       |       | Max. Limit (dB) | Result |
|                  |                 | QPSK                       | 16QAM | 64QAM |                 |        |
| 20000            | 1715            | 5.98                       | 7.02  | 6.99  | 13              | Pass   |
| 20175            | 1732.5          | 5.88                       | 6.87  | 6.96  | 13              | Pass   |
| 20350            | 1715            | 6.13                       | 6.53  | 6.61  | 13              | Pass   |

