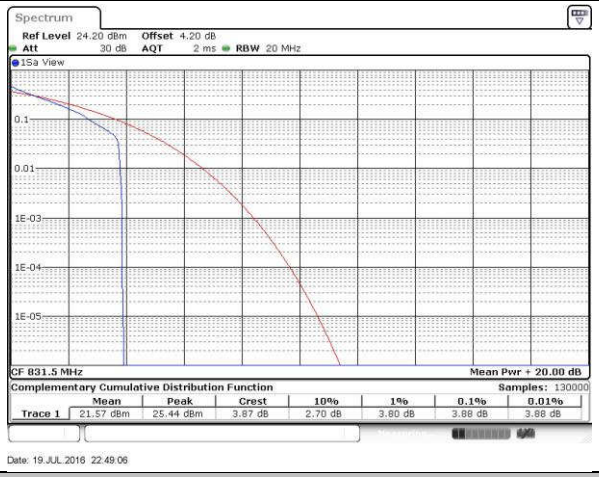
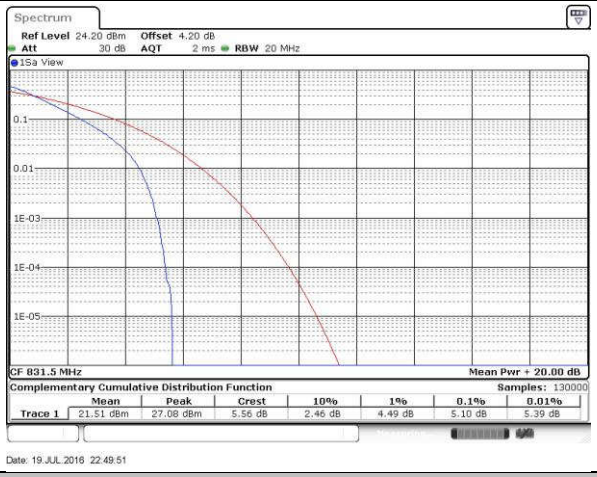
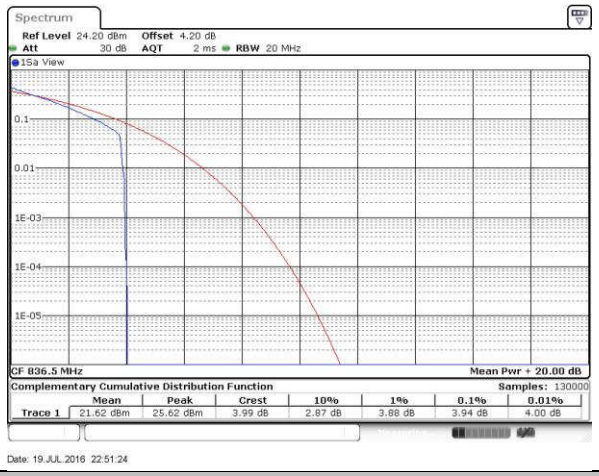
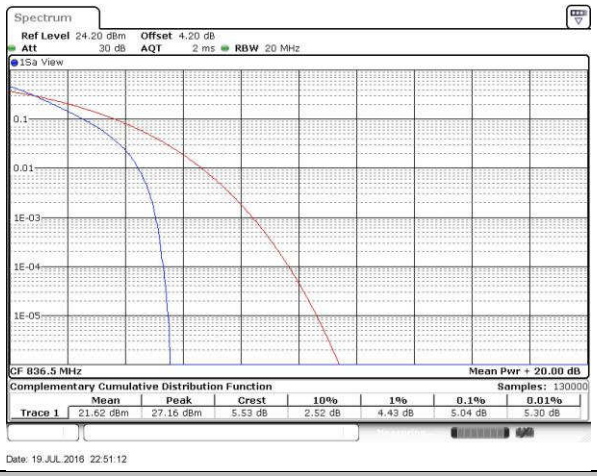
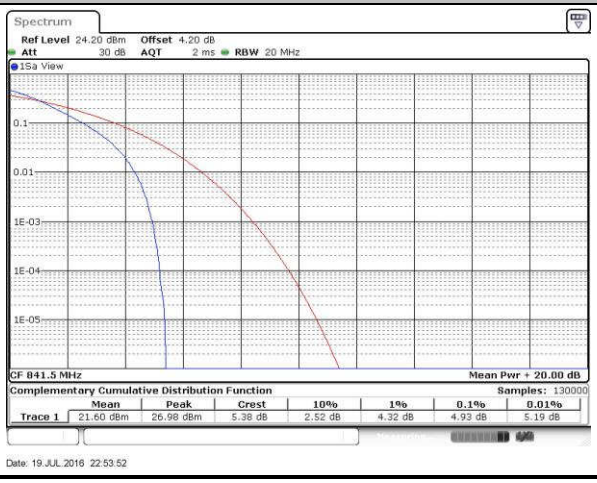
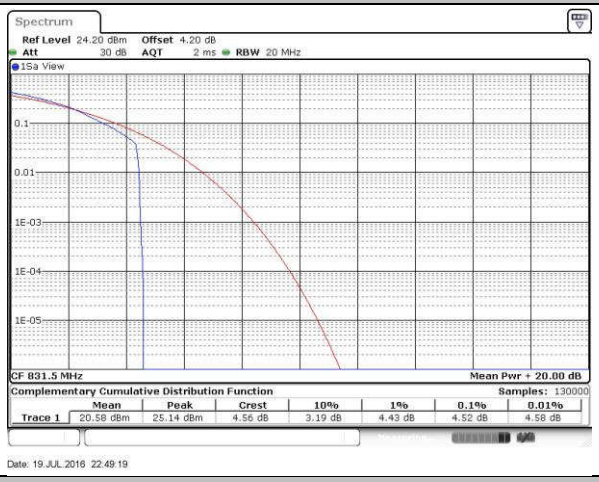
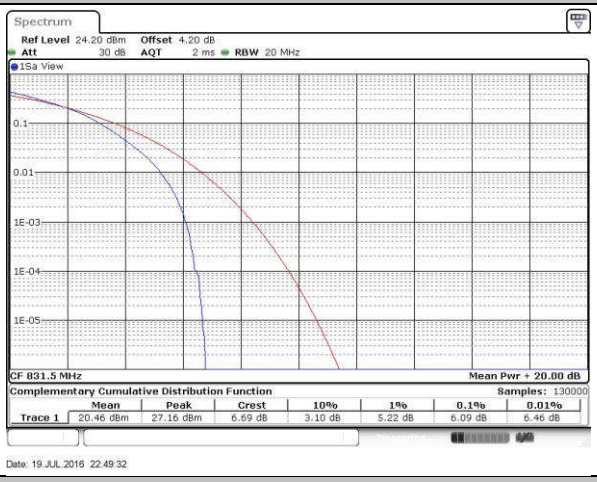
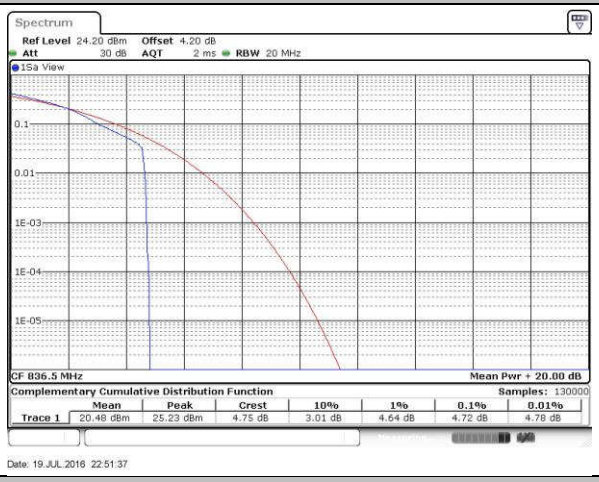
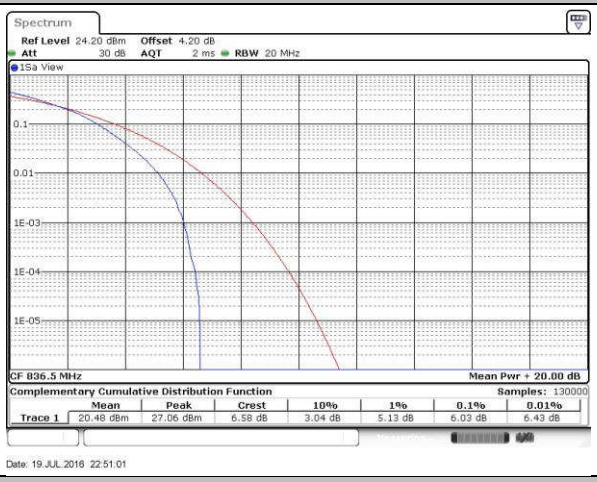
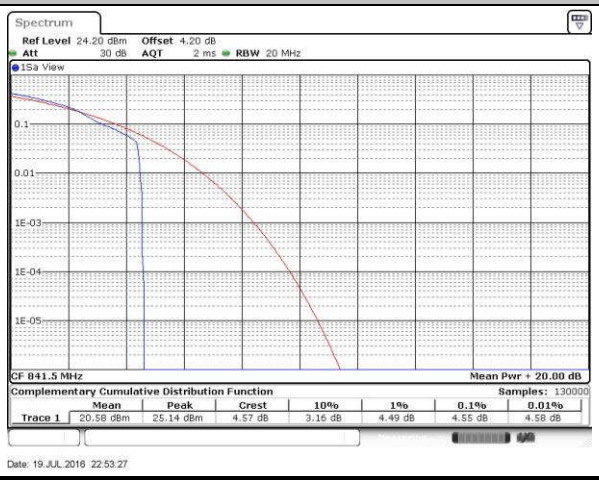
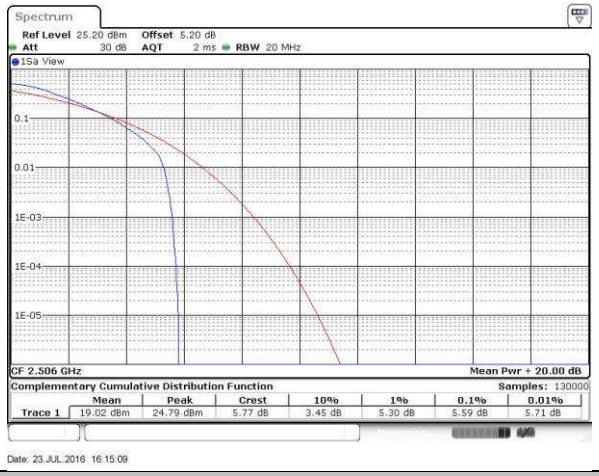
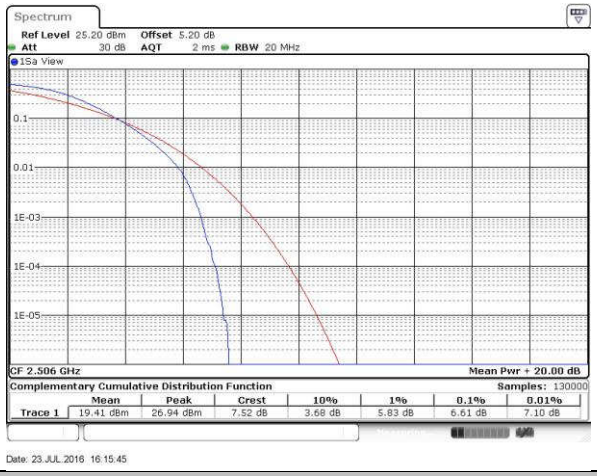
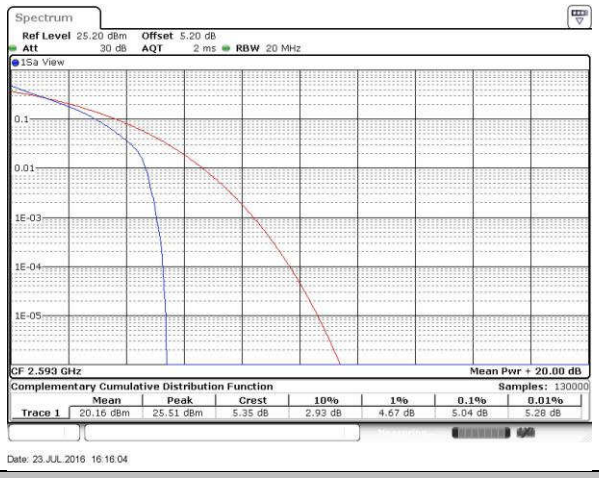
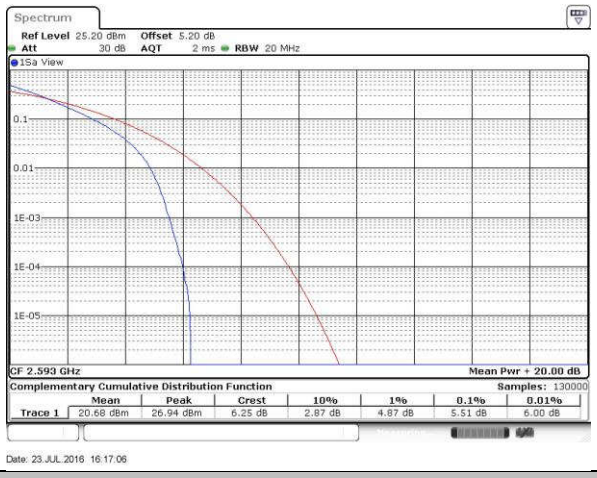
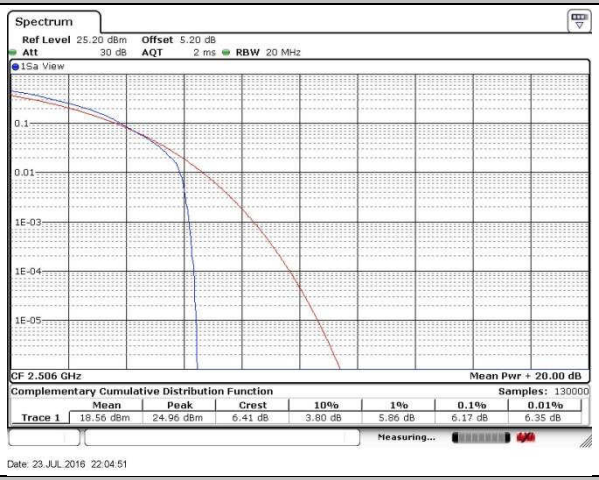
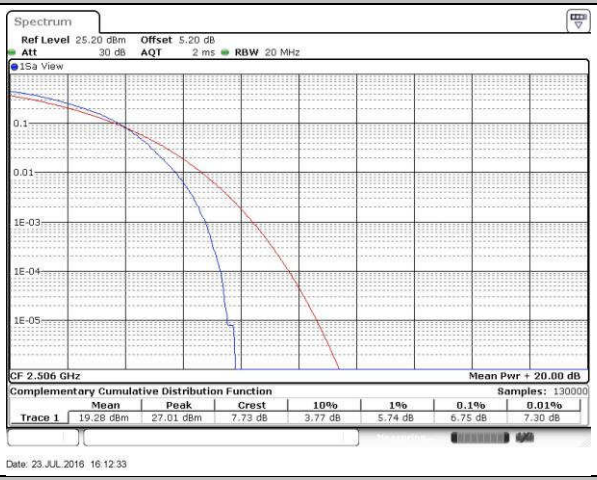
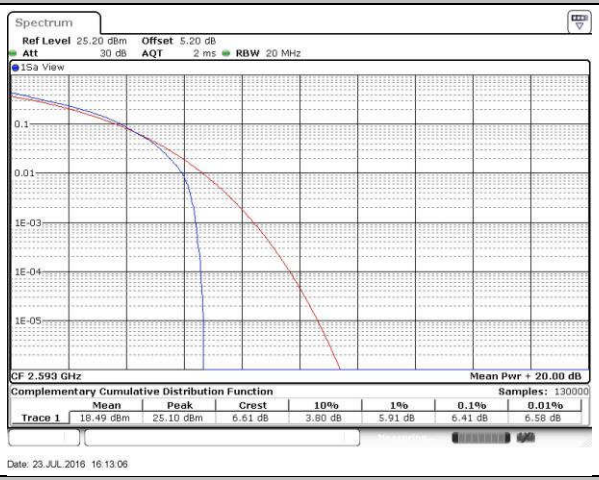
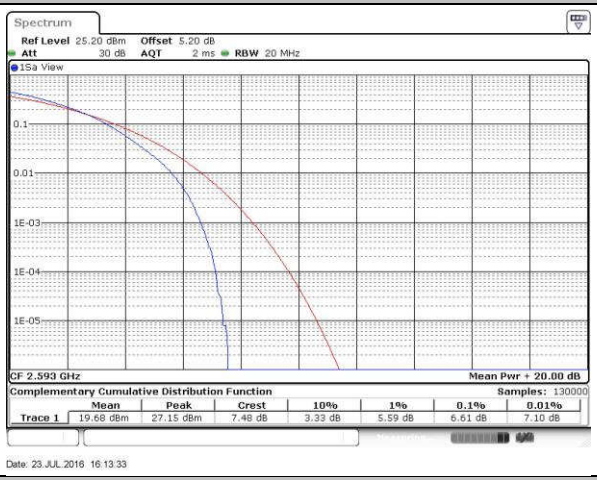
| LTE Band 26 / 15MHz / QPSK | |
|---|---|
| **Lowest Channel / 1RB** | **Lowest Channel / Full RB** |
|  |  |
| **Middle Channel / 1RB** | **Middle Channel / Full RB** |
|  |  |
| **Highest Channel / 1RB** | **Highest Channel / Full RB** |
| |  |

| LTE Band 26 / 15MHz / 16QAM | |
|---|---|
| **Lowest Channel / 1RB** | **Lowest Channel / Full RB** |
|  |  |
| **Middle Channel / 1RB** | **Middle Channel / Full RB** |
|  |  |
| **Highest Channel / 1RB** | **Highest Channel / Full RB** |
|  | |

| LTE Band 41 / 20MHz / QPSK | |
|---|---|
| **Lowest Channel / 1RB** | **Lowest Channel / Full RB** |
|  |  |
| **Middle Channel / 1RB** | **Middle Channel / Full RB** |
|  |  |
| **Highest Channel / 1RB** | **Highest Channel / Full RB** |
| | |

| LTE Band 41 / 20MHz / 16QAM | |
|---|---|
| **Lowest Channel / 1RB** | **Lowest Channel / Full RB** |
|  |  |
| **Middle Channel / 1RB** | **Middle Channel / Full RB** |
|  |  |
| **Highest Channel / 1RB** | **Highest Channel / Full RB** |
| | |

# 26dB Bandwidth

| Mode | LTE Band 2 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.278 | 1.346 | 3.039 | 3.015 | 4.875 | 4.835 | 9.71 | 9.77 | 14.416 | 14.206 | 20.3 | 20.1 |
| Middle CH | 1.27 | 1.312 | 3.003 | 3.003 | 4.915 | 4.905 | 9.77 | 9.65 | 14.356 | 14.356 | 20.06 | 20.18 |
| Highest CH | 1.273 | 1.253 | 3.033 | 3.021 | 4.945 | 4.955 | 10.01 | 9.93 | 14.236 | 14.356 | 20.1 | 20.18 |

| Mode | LTE Band 4 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.248 | 1.27 | 2.973 | 2.997 | 4.965 | 4.835 | 9.81 | 9.69 | 14.446 | 14.206 | 20.1 | 20.18 |
| Middle CH | 1.264 | 1.264 | 3.027 | 3.009 | 5.025 | 4.935 | 9.77 | 9.71 | 14.266 | 14.296 | 20.02 | 20.14 |
| Highest CH | 1.267 | 1.248 | 2.997 | 3.003 | 4.905 | 4.945 | 9.91 | 9.87 | 14.206 | 14.356 | 20.3 | 20.22 |

| Mode | LTE Band 5 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.264 | 1.287 | 3.009 | 3.021 | 5.005 | 4.855 | 9.71 | 10.03 | - | - | - | - |
| Middle CH | 1.273 | 1.284 | 3.033 | 3.027 | 4.825 | 4.845 | 9.73 | 9.79 | - | - | - | - |
| Highest CH | 1.281 | 1.276 | 3.015 | 2.985 | 4.955 | 4.885 | 9.69 | 9.75 | - | - | - | - |

| Mode | LTE Band 7 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.945 | 4.935 | 9.79 | 9.69 | 14.326 | 14.565 | 20.1 | 20.06 |
| Middle CH | - | - | - | - | 4.875 | 4.845 | 9.79 | 9.85 | 14.505 | 14.625 | 20.14 | 20.42 |
| Highest CH | - | - | - | - | 4.895 | 4.975 | 9.83 | 9.67 | 14.655 | 14.356 | 20.1 | 20.22 |

| Mode | LTE Band 12 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.25 | 1.262 | 2.955 | 2.991 | 4.845 | 4.845 | 9.73 | 9.65 | - | - | - | - |
| Middle CH | 1.276 | 1.281 | 2.991 | 2.967 | 4.895 | 4.925 | 9.83 | 9.81 | - | - | - | - |
| Highest CH | 1.259 | 1.298 | 2.985 | 3.033 | 4.875 | 4.945 | 9.79 | 9.79 | - | - | - | - |

| Mode | LTE Band 17 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.965 | 4.805 | 9.87 | 9.79 | - | - | - | - |
| Middle CH | - | - | - | - | 4.905 | 4.875 | 9.73 | 9.79 | - | - | - | - |
| Highest CH | - | - | - | - | 4.885 | 4.915 | 9.73 | 9.93 | - | - | - | - |

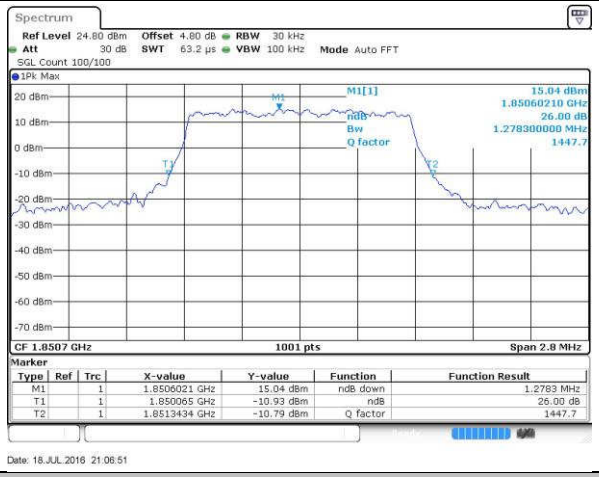
| Mode | LTE Band 25 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | - | - | - | - | - | - | - | - |
| Middle CH | - | - | - | - | - | - | - | - | - | - | - | - |
| Highest CH | 1.264 | 1.304 | 3.015 | 3.033 | 4.825 | 4.905 | 9.79 | 9.65 | 14.505 | 14.416 | 20.14 | 20.14 |

| Mode | LTE Band 26 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.253 | 1.231 | 3.009 | 2.997 | 4.925 | 4.875 | 9.79 | 9.93 | 14.296 | 14.535 | - | - |
| Middle CH | 1.248 | 1.259 | 3.027 | 2.997 | 4.885 | 4.945 | 9.77 | 9.79 | 14.326 | 14.296 | - | - |
| Highest CH | 1.292 | 1.276 | 2.991 | 2.997 | 4.875 | 4.905 | 9.75 | 9.79 | 14.565 | 14.356 | - | - |

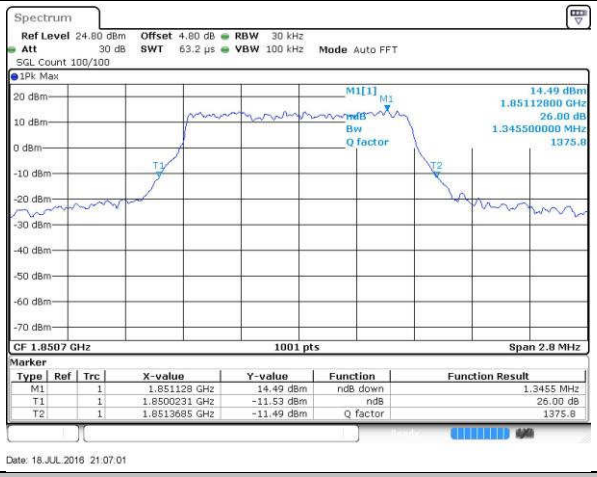
| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.835 | 4.965 | 9.69 | 9.71 | 14.236 | 14.356 | 20.1 | 20.14 |
| Middle CH | - | - | - | - | 4.925 | 4.935 | 9.67 | 9.67 | 14.595 | 14.505 | 20.18 | 20.34 |
| Highest CH | - | - | - | - | 4.755 | 4.815 | 9.67 | 9.61 | 14.416 | 14.356 | 20.02 | 20.1 |

## LTE Band 2

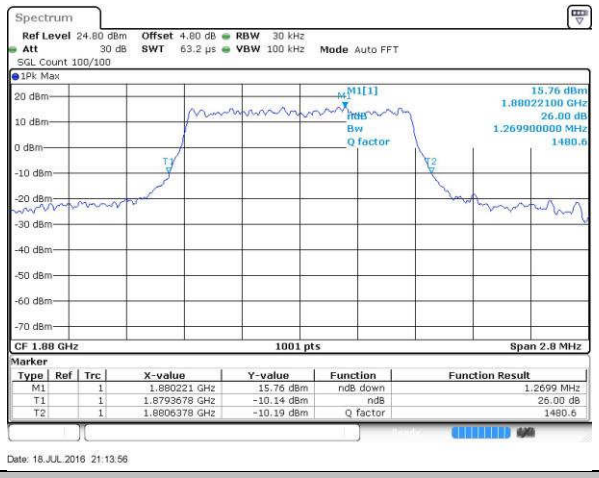
### Lowest Channel / 1.4MHz / QPSK



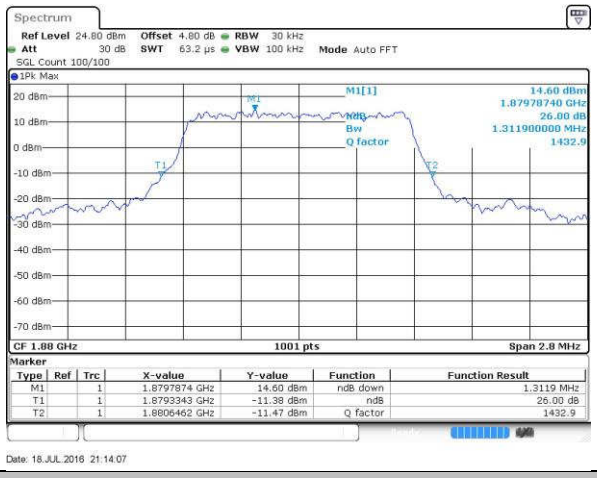

### Lowest Channel / 1.4MHz / 16QAM



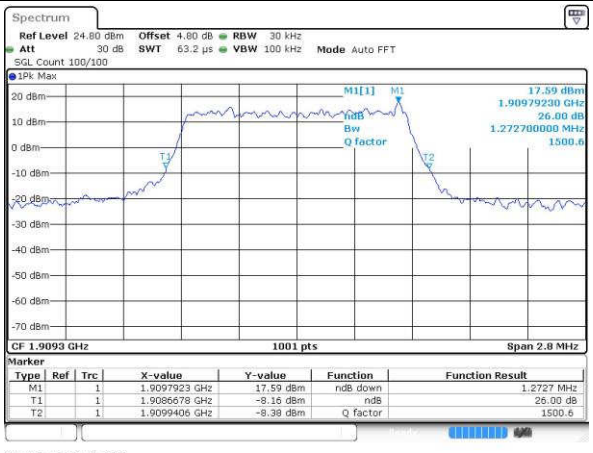

### Middle Channel / 1.4MHz / QPSK



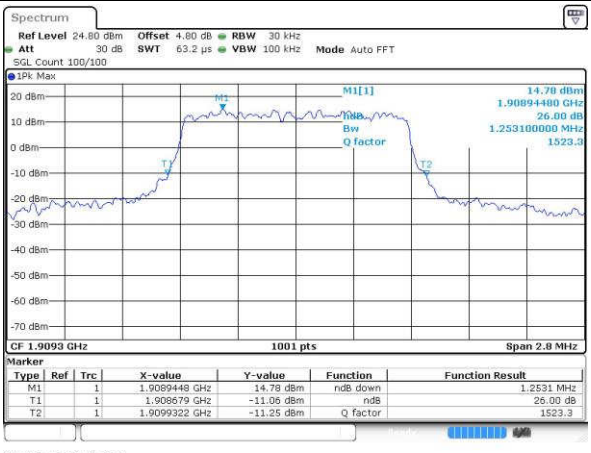

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

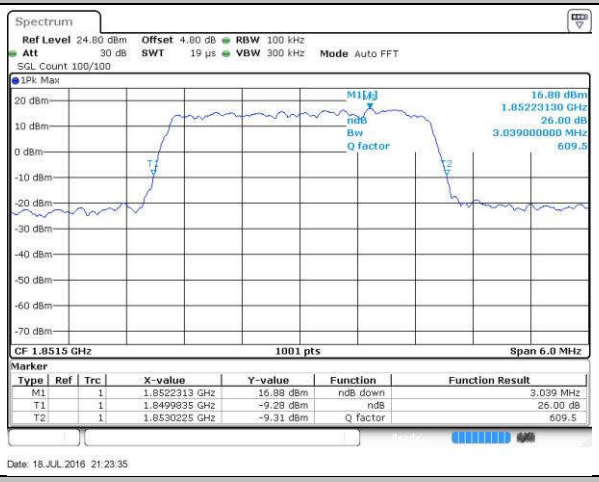



### Highest Channel / 1.4MHz / 16QAM

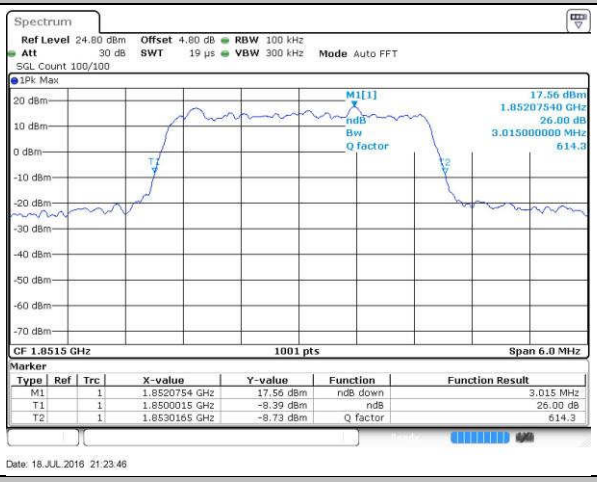


## LTE Band 2

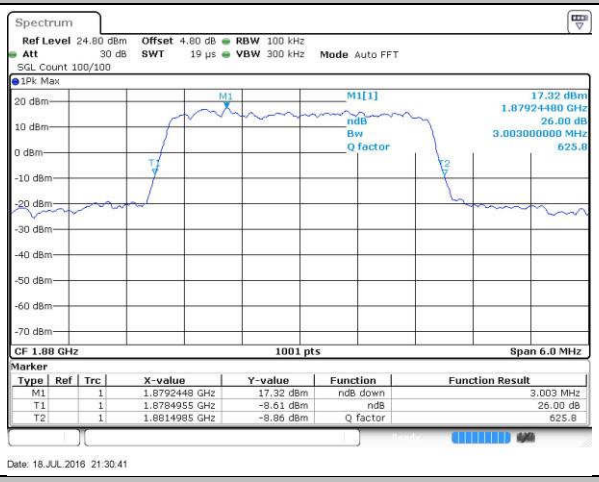
### Lowest Channel / 3MHz / QPSK



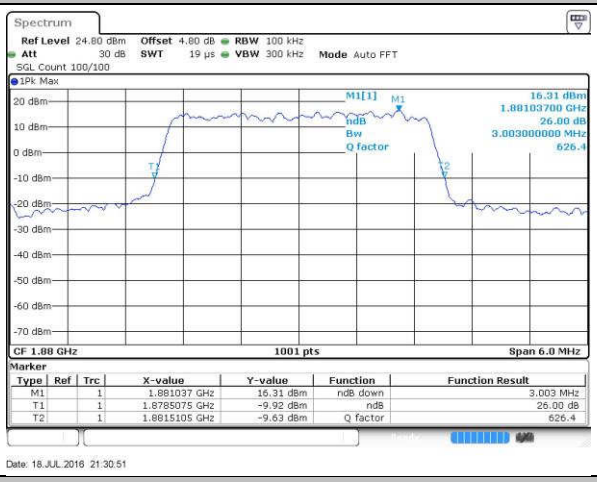

### Lowest Channel / 3MHz / 16QAM



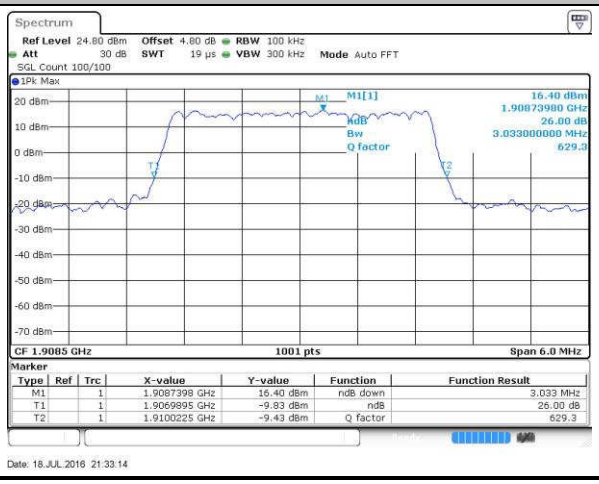

### Middle Channel / 3MHz / QPSK



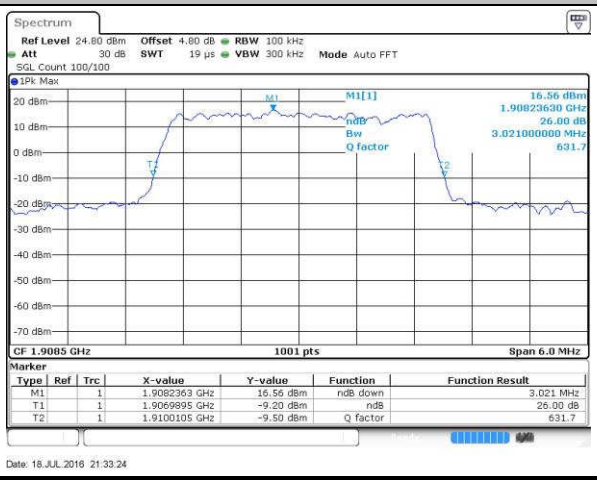

### Middle Channel /3MHz / 16QAM




### Highest Channel /3MHz / QPSK

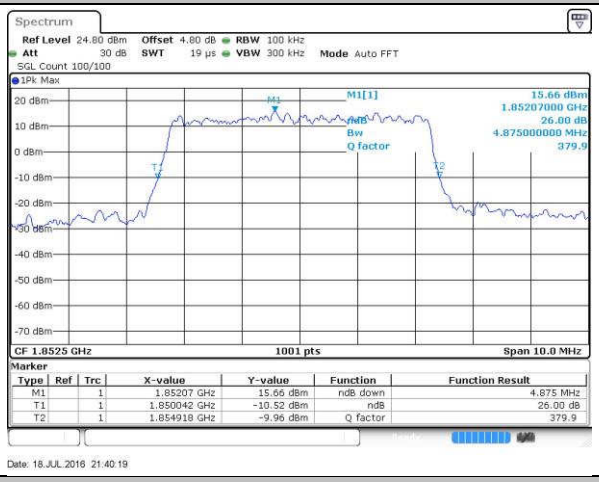



### Highest Channel /3MHz / 16QAM

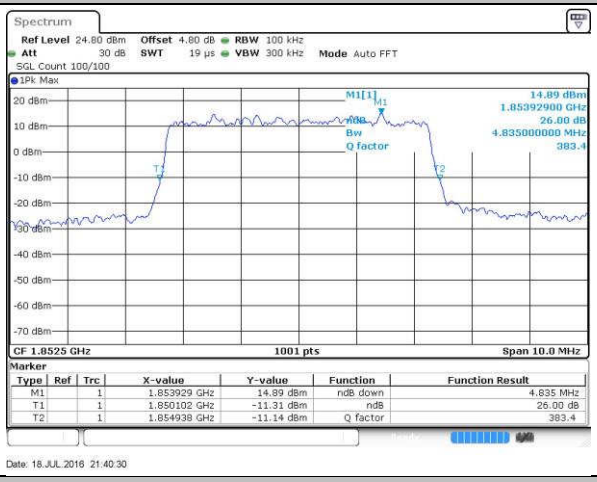


## LTE Band 2

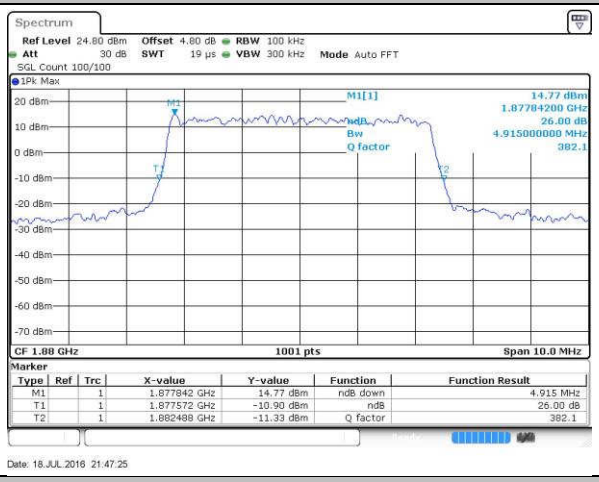
### Lowest Channel / 5MHz / QPSK



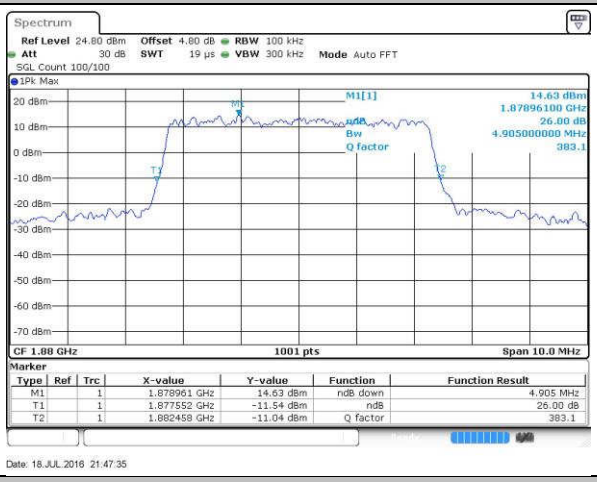

### Lowest Channel / 5MHz / 16QAM



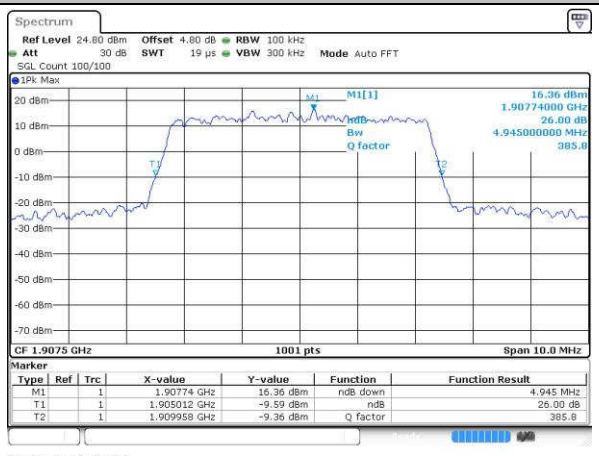

### Middle Channel / 5MHz / QPSK



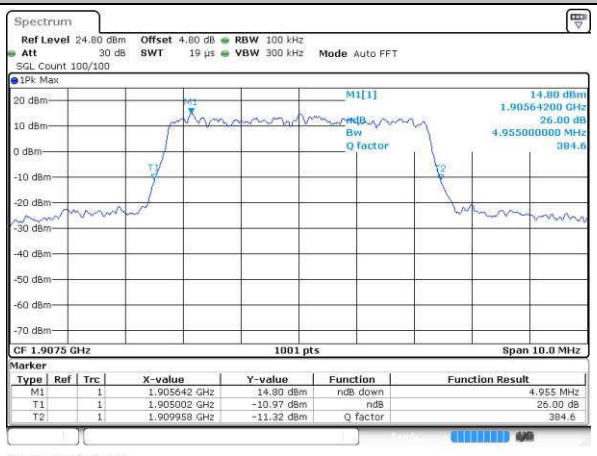

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

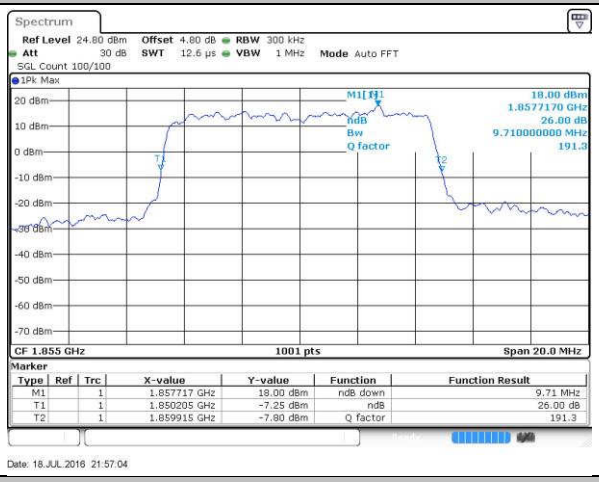



### Highest Channel / 5MHz / 16QAM

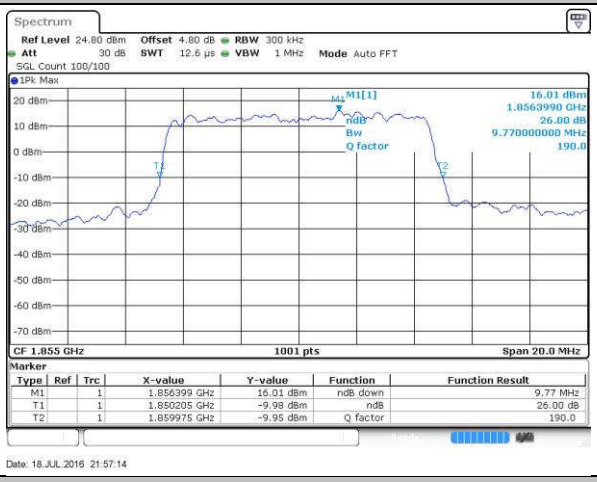


## LTE Band 2

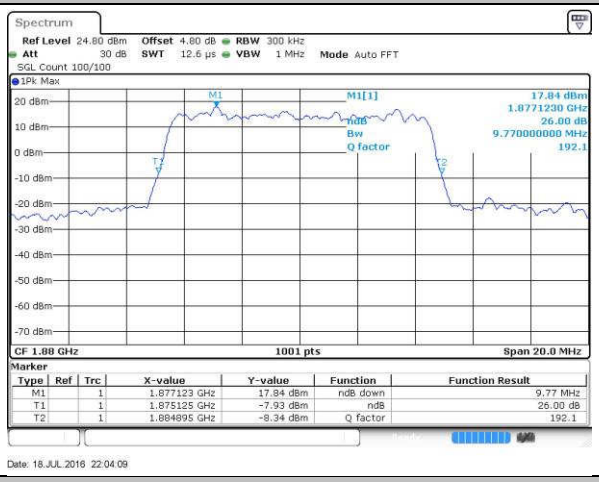
### Lowest Channel / 10MHz / QPSK



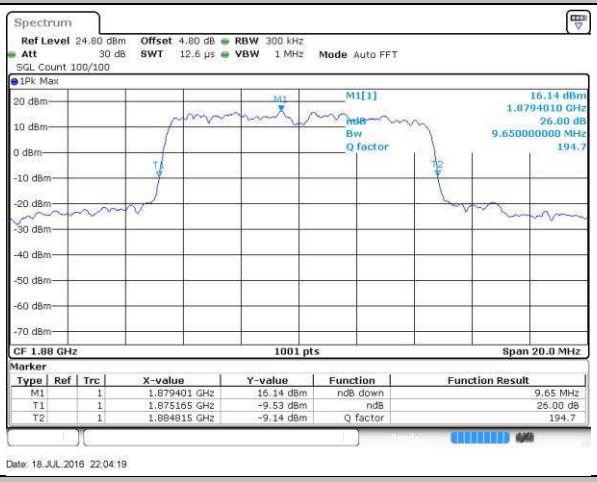

### Lowest Channel / 10MHz / 16QAM



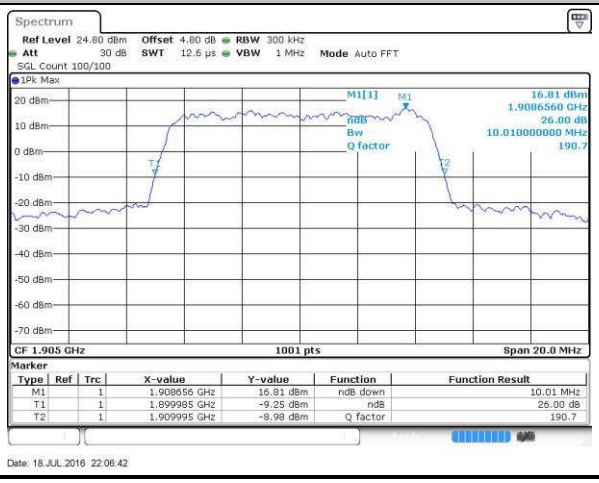

### Middle Channel / 10MHz / QPSK



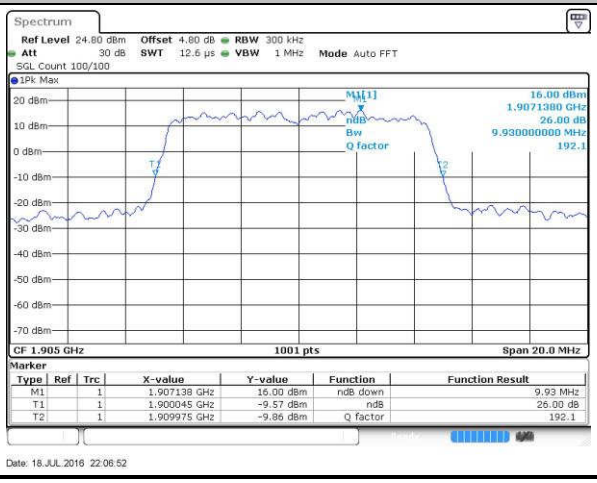

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

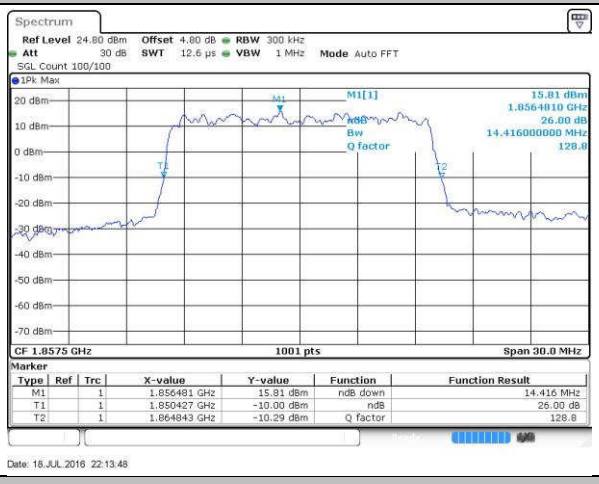



### Highest Channel / 10MHz / 16QAM

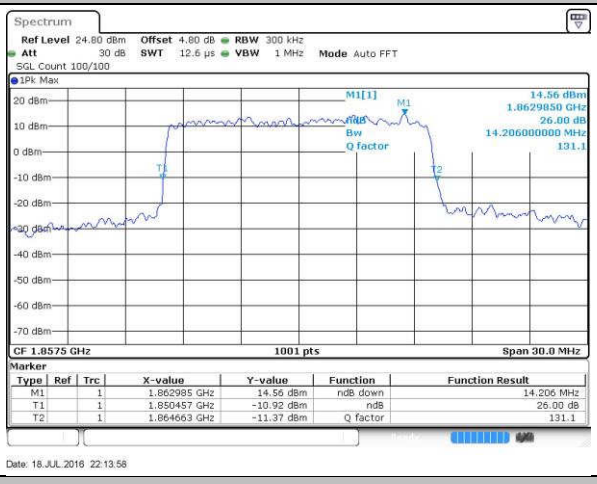


## LTE Band 2

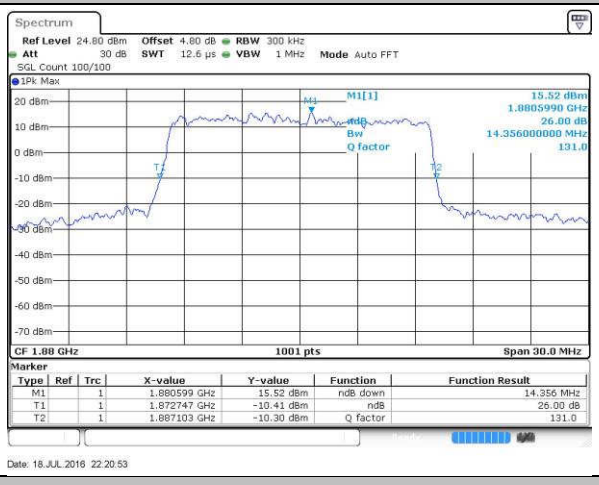
### Lowest Channel / 15MHz / QPSK



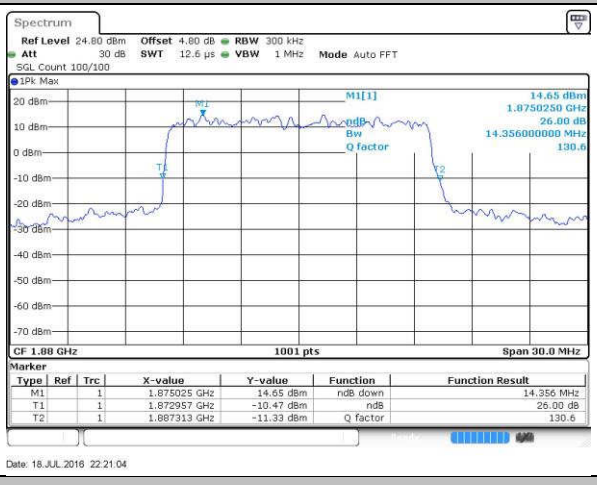

### Lowest Channel / 15MHz / 16QAM



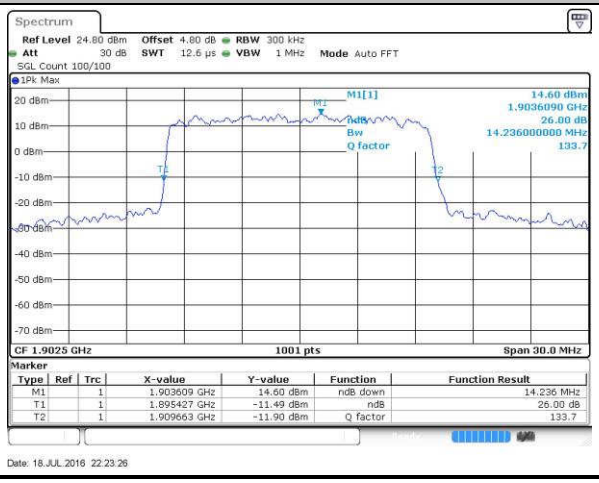

### Middle Channel / 15MHz / QPSK



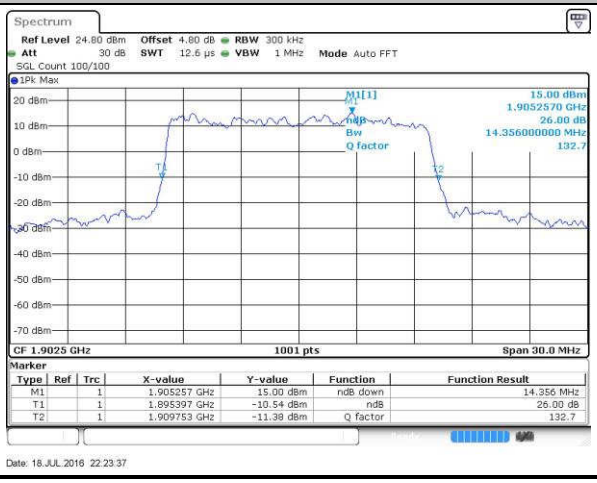

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

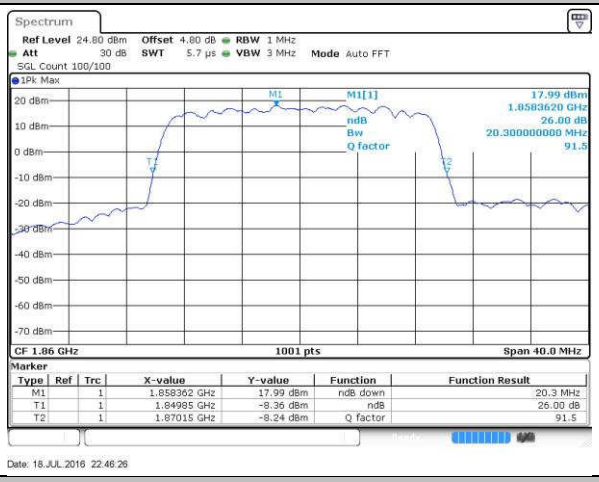



### Highest Channel / 15MHz / 16QAM

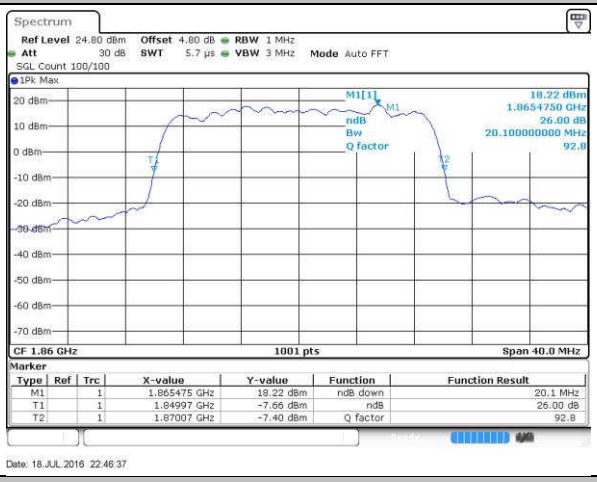


## LTE Band 2

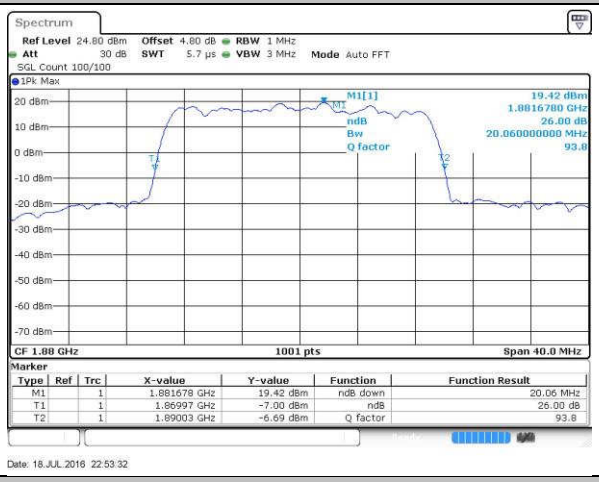
### Lowest Channel / 20MHz / QPSK



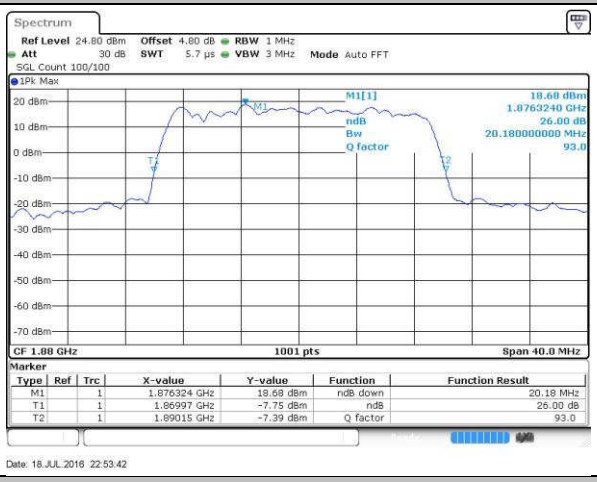

### Lowest Channel / 20MHz / 16QAM



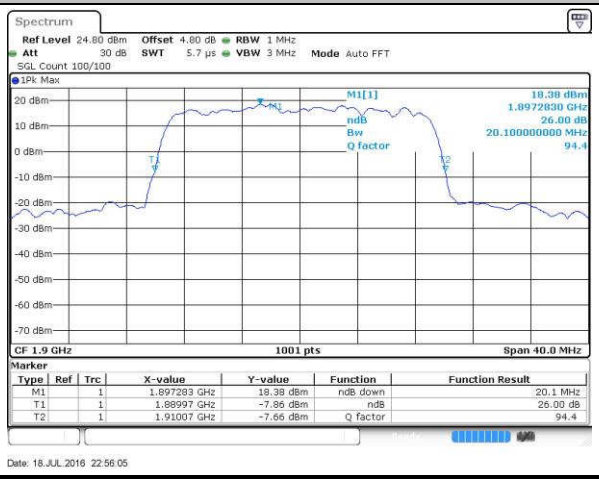

### Middle Channel / 20MHz / QPSK



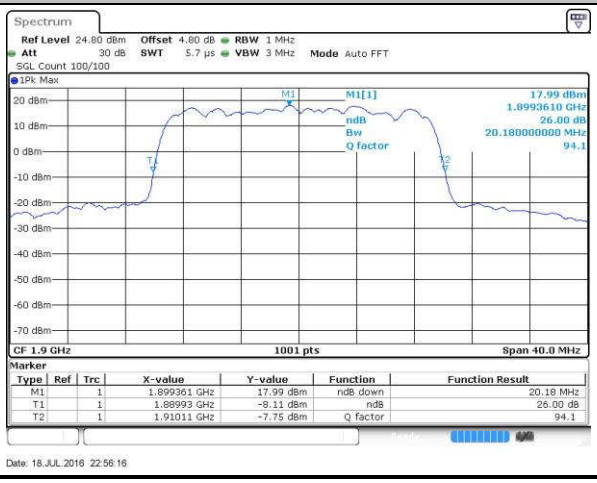

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

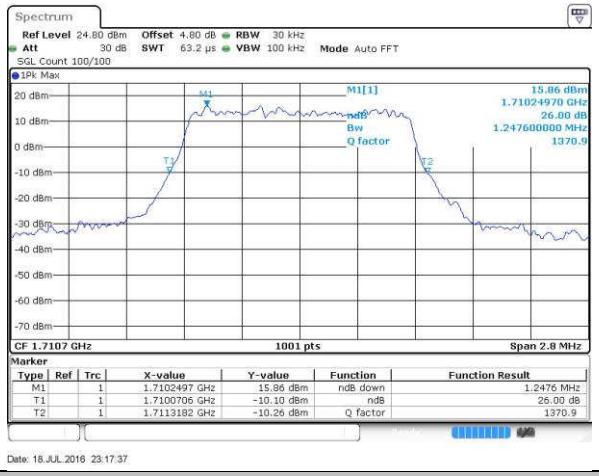



### Highest Channel / 20MHz / 16QAM

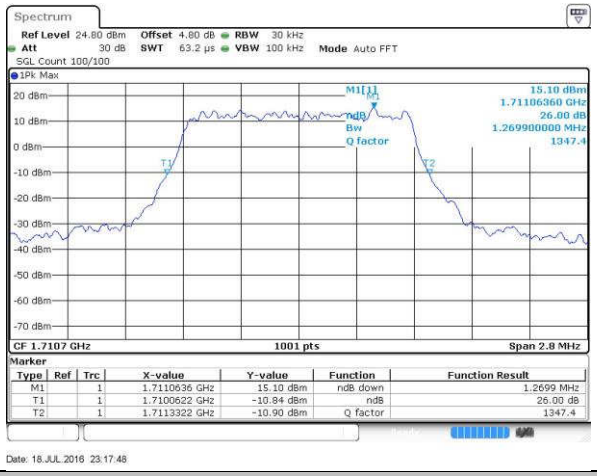


## LTE Band 4

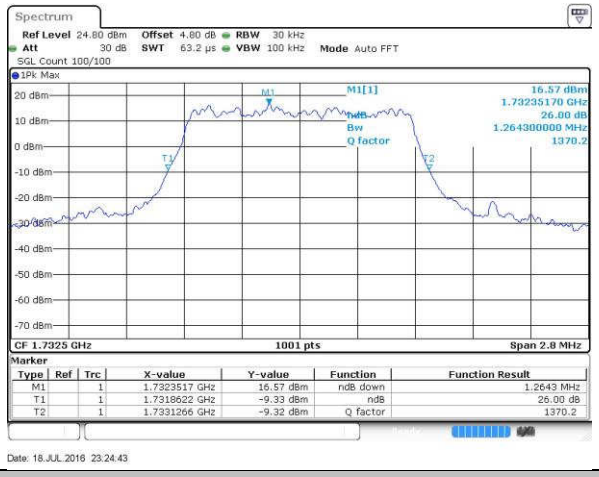
### Lowest Channel / 1.4MHz / QPSK



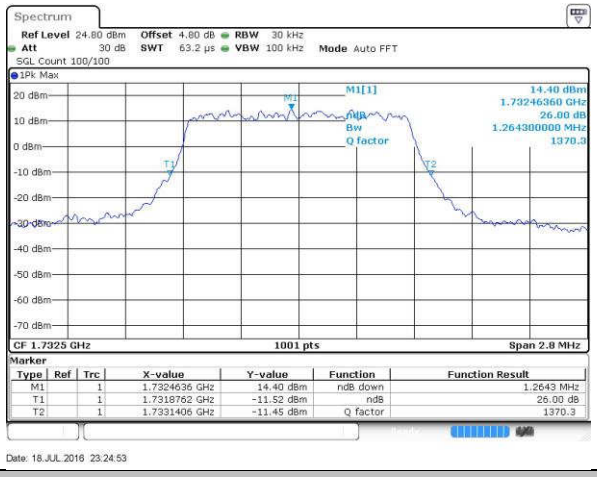

### Lowest Channel / 1.4MHz / 16QAM



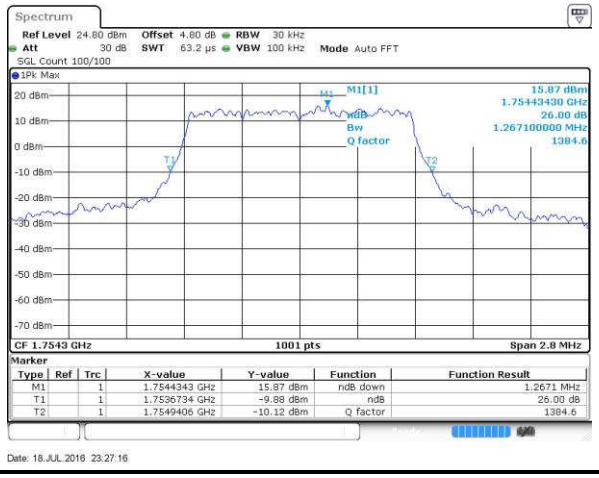

### Middle Channel / 1.4MHz / QPSK



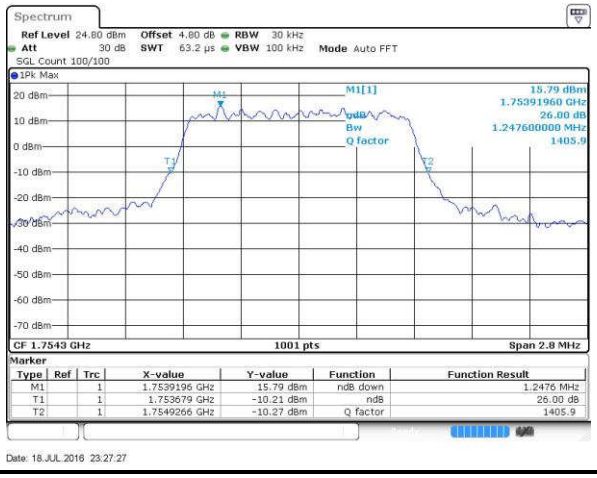

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

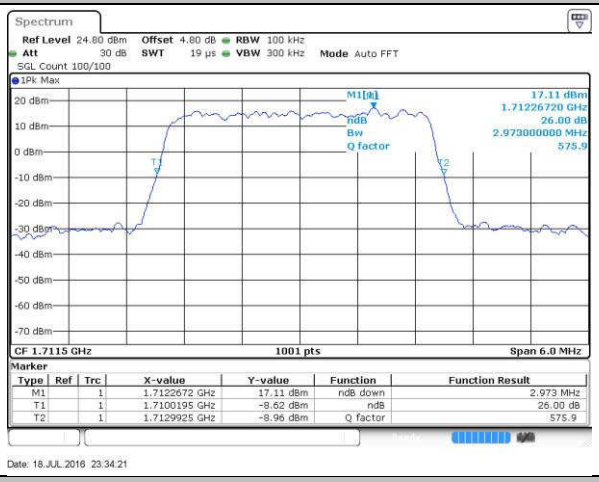



### Highest Channel / 1.4MHz / 16QAM

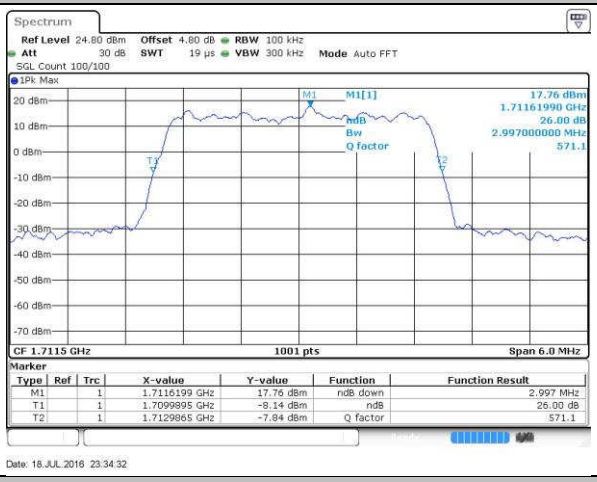


## LTE Band 4

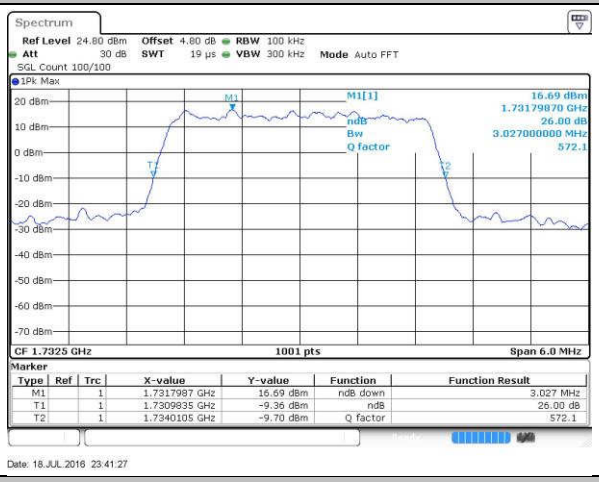
### Lowest Channel / 3MHz / QPSK



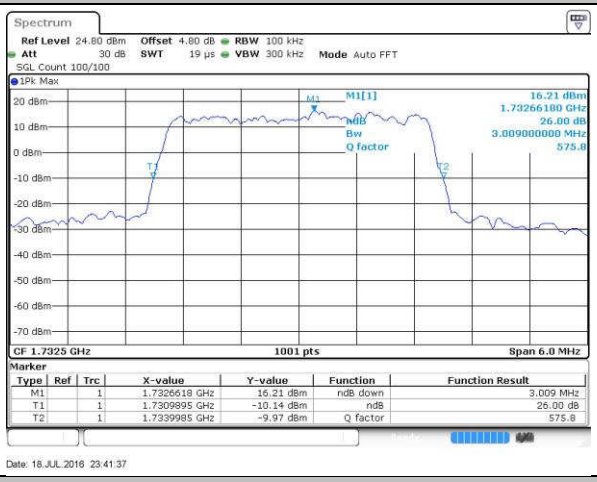

### Lowest Channel / 3MHz / 16QAM



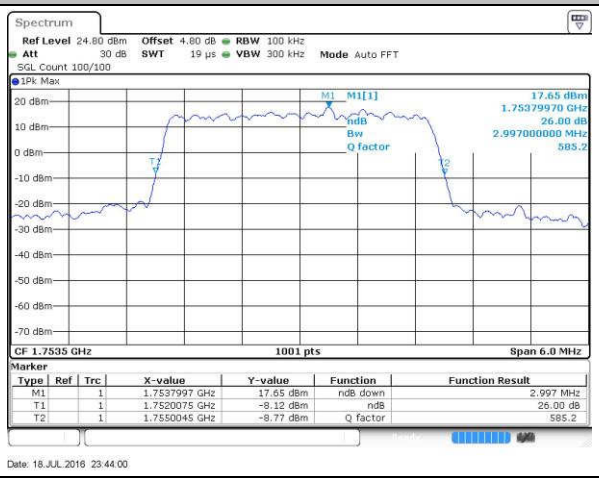

### Middle Channel / 3MHz / QPSK



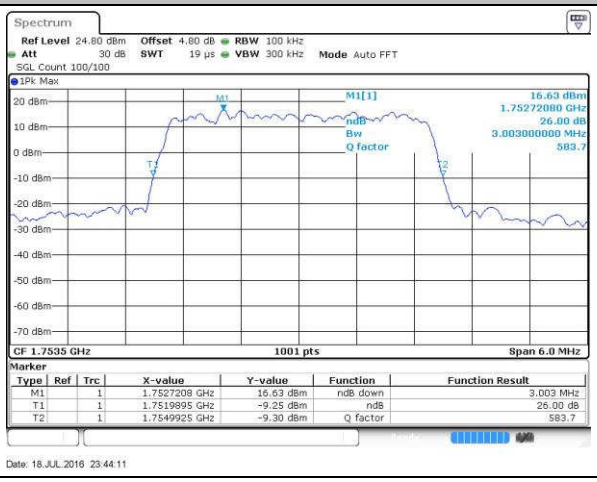

### Middle Channel /3MHz / 16QAM




### Highest Channel /3MHz / QPSK

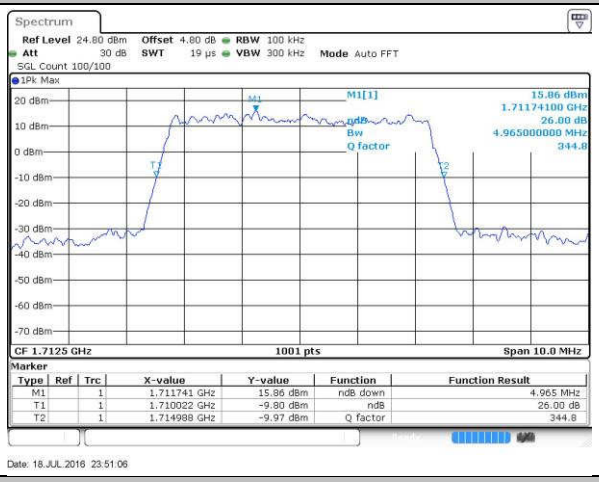



### Highest Channel /3MHz / 16QAM

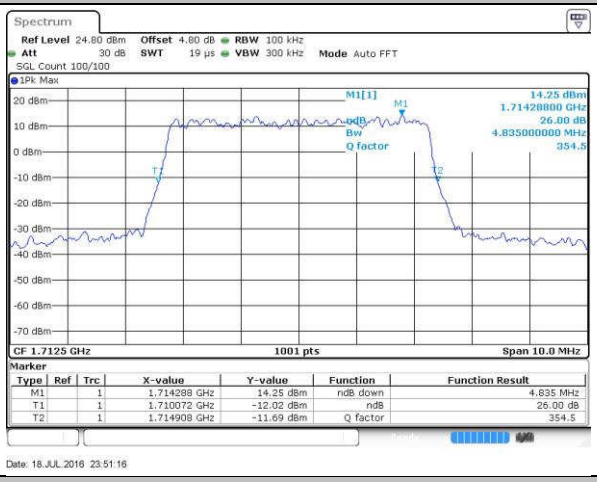


## LTE Band 4

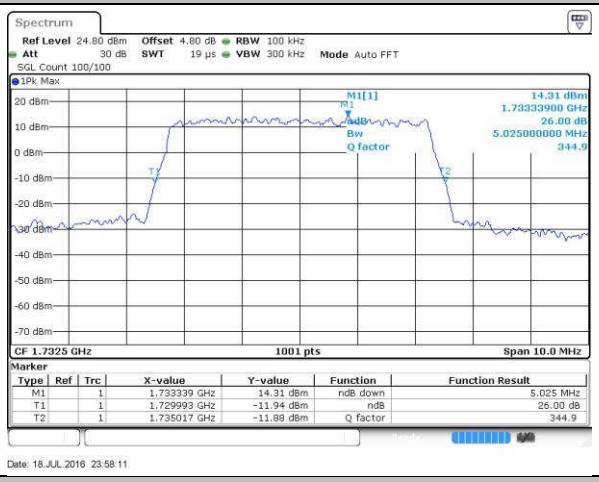
### Lowest Channel / 5MHz / QPSK



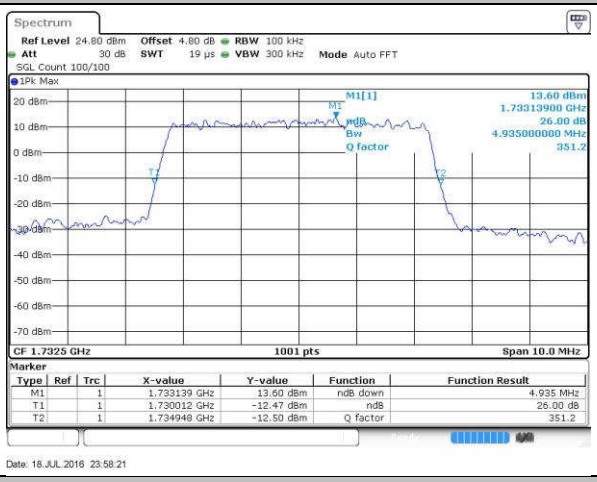

### Lowest Channel / 5MHz / 16QAM



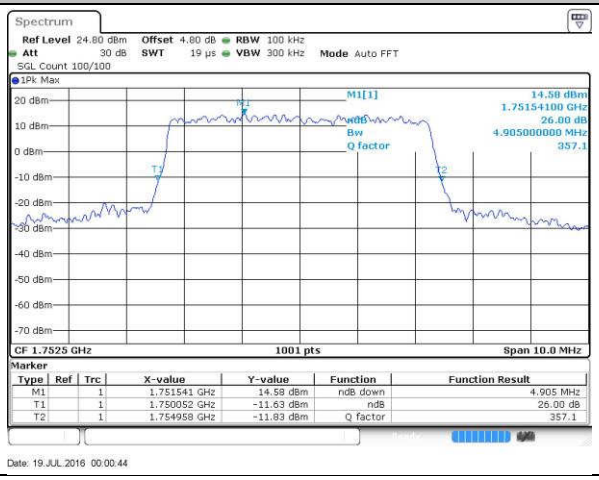

### Middle Channel / 5MHz / QPSK



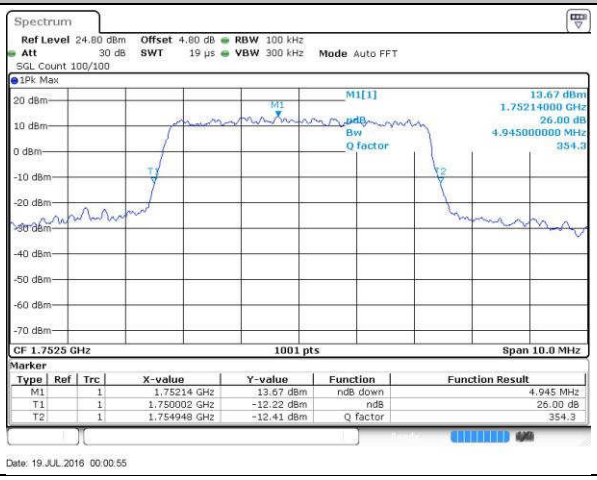

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

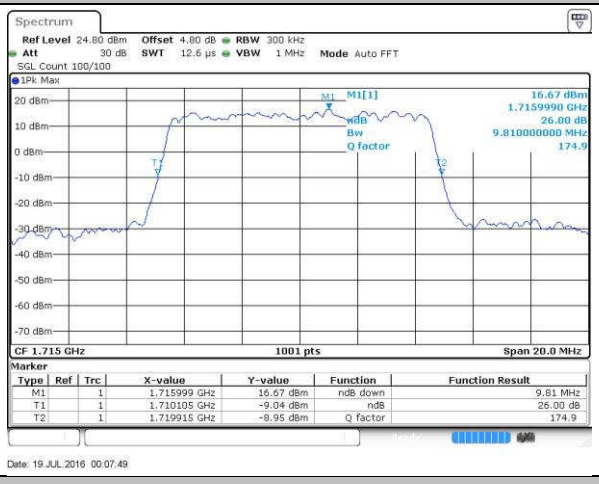



### Highest Channel / 5MHz / 16QAM

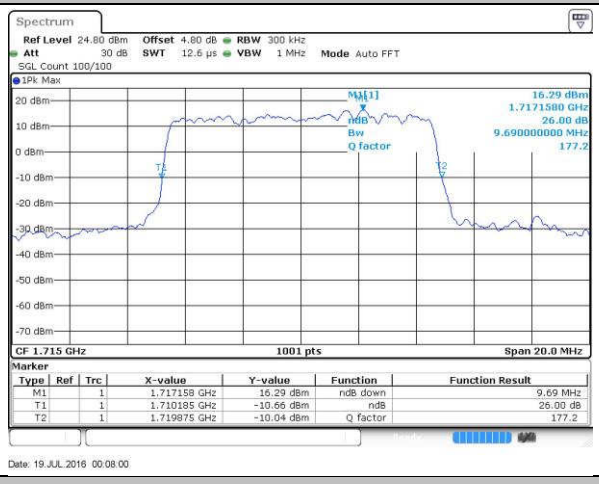


## LTE Band 4

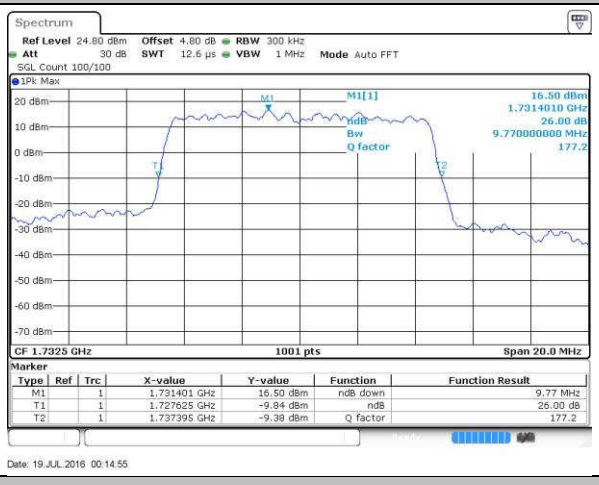
### Lowest Channel / 10MHz / QPSK



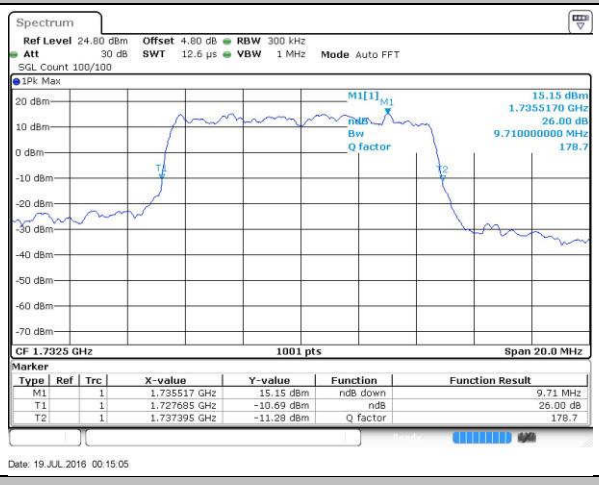

### Lowest Channel / 10MHz / 16QAM



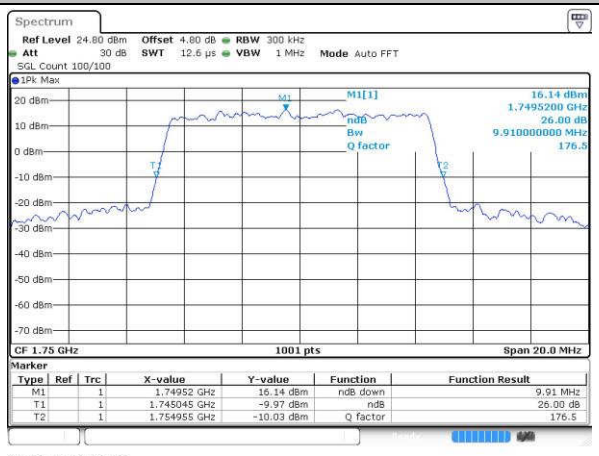

### Middle Channel / 10MHz / QPSK



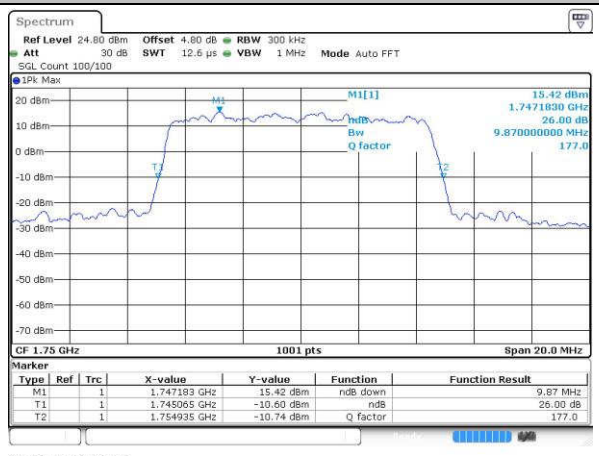

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

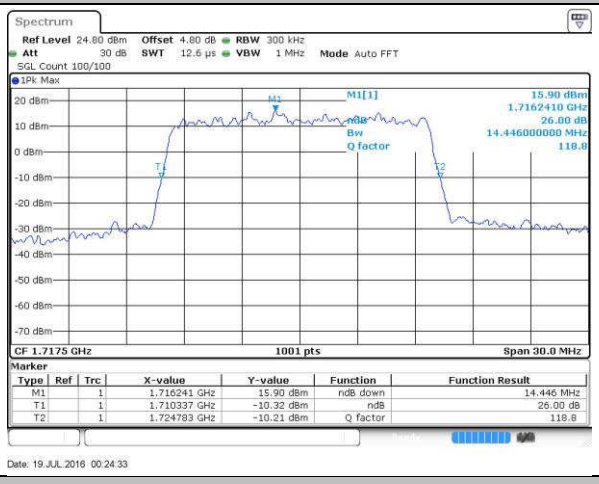



### Highest Channel / 10MHz / 16QAM

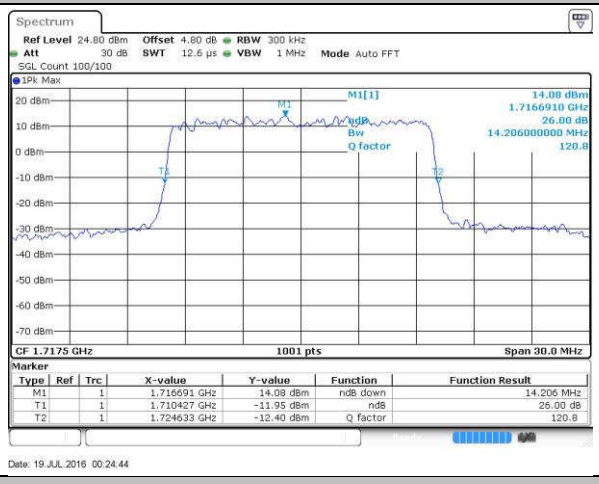


## LTE Band 4

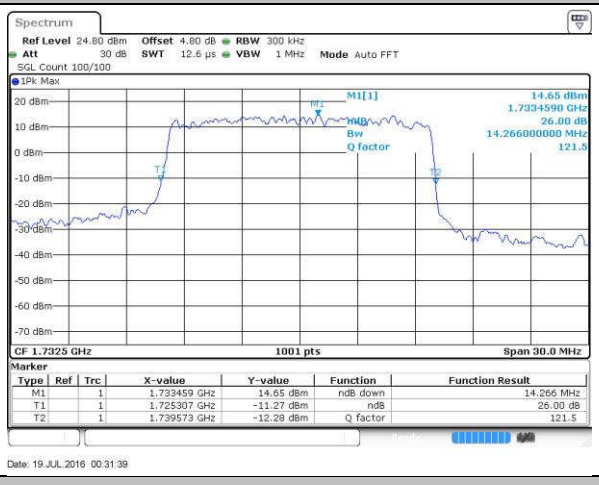
### Lowest Channel / 15MHz / QPSK



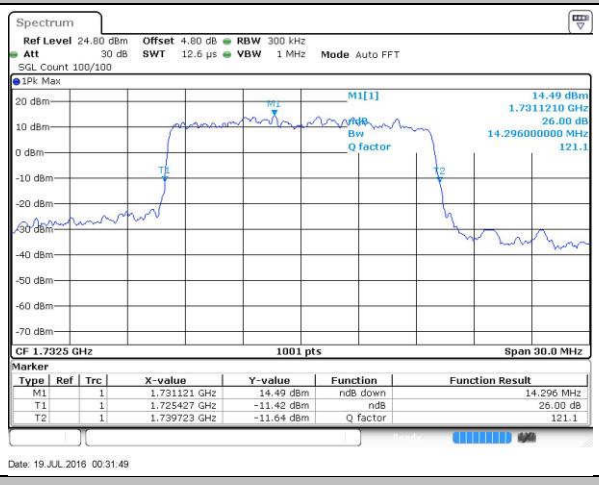

### Lowest Channel / 15MHz / 16QAM



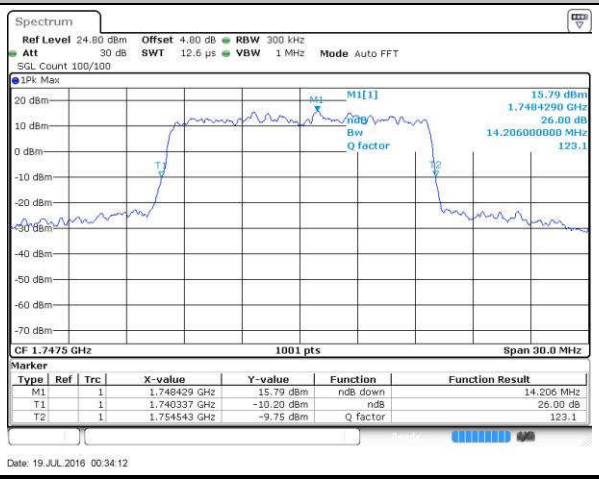

### Middle Channel / 15MHz / QPSK



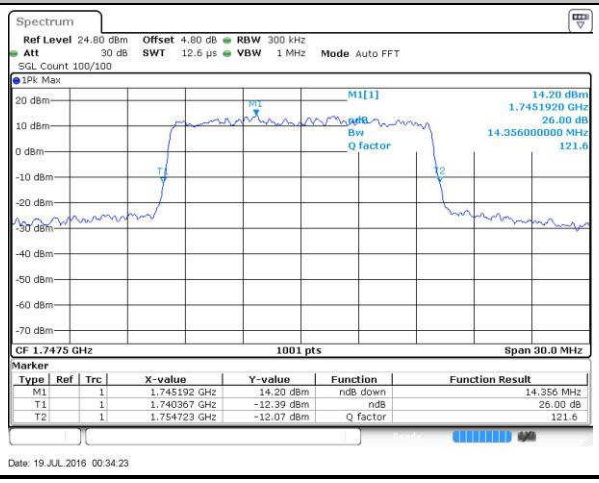

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

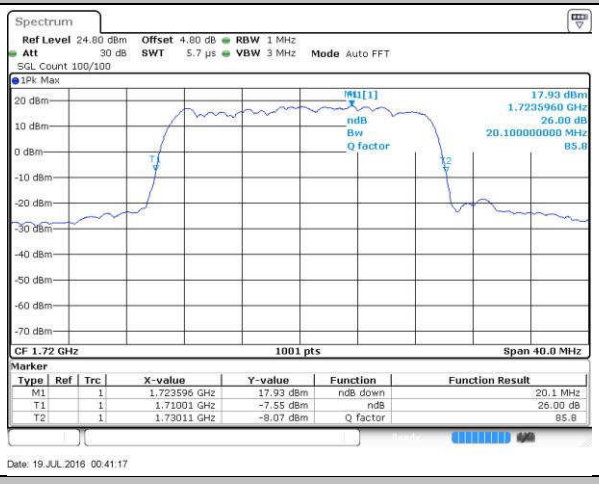



### Highest Channel / 15MHz / 16QAM

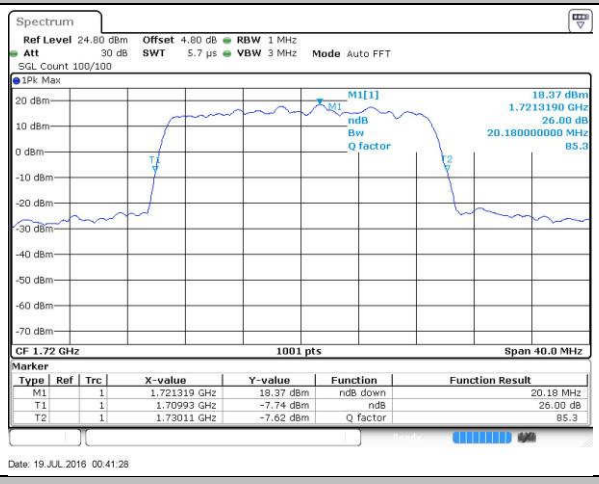


## LTE Band 4

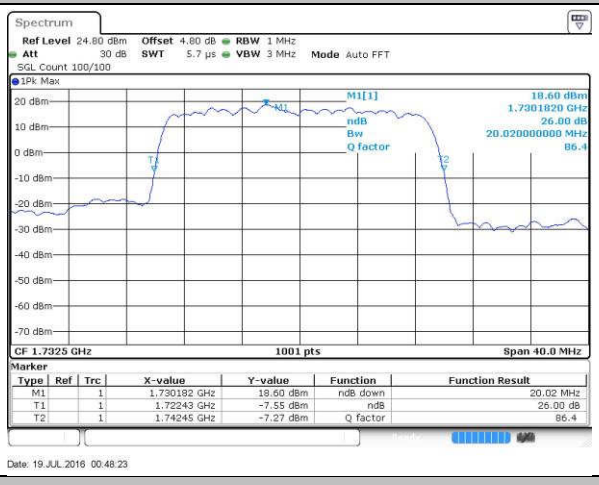
### Lowest Channel / 20MHz / QPSK



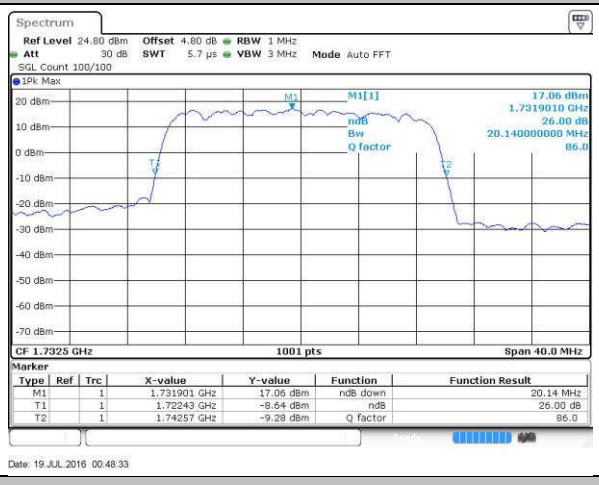

### Lowest Channel / 20MHz / 16QAM



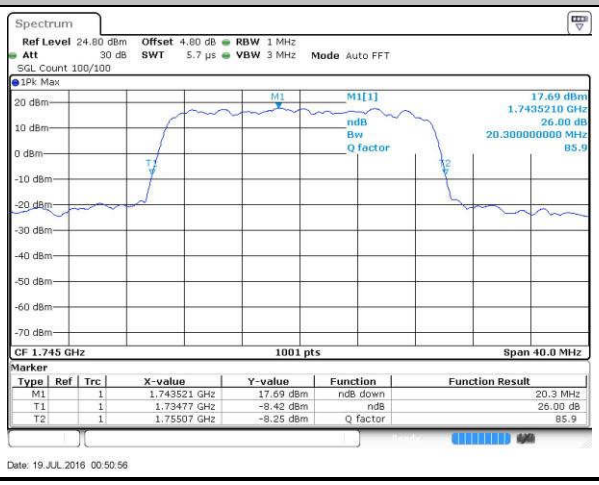

### Middle Channel / 20MHz / QPSK



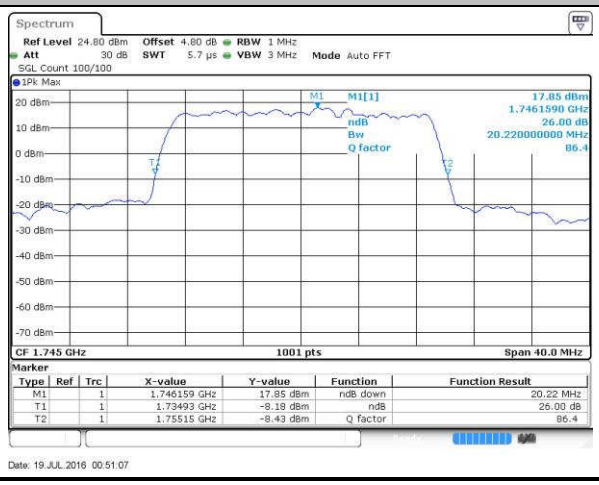

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

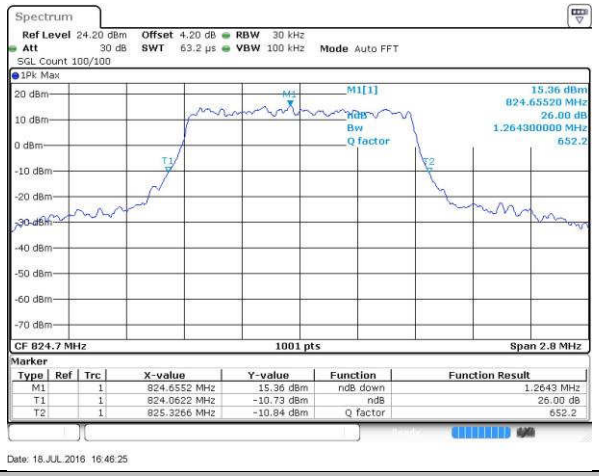



### Highest Channel / 20MHz / 16QAM

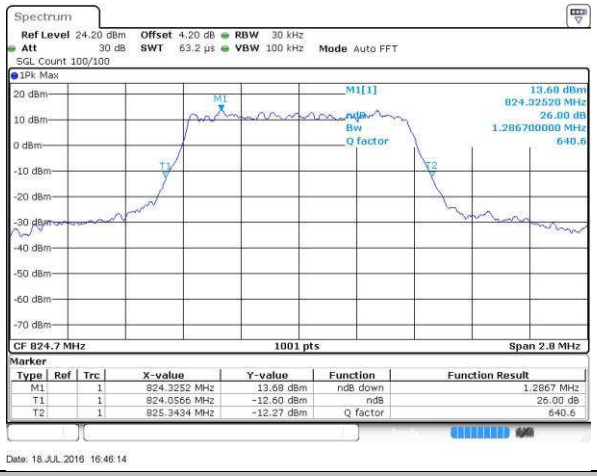


## LTE Band 5

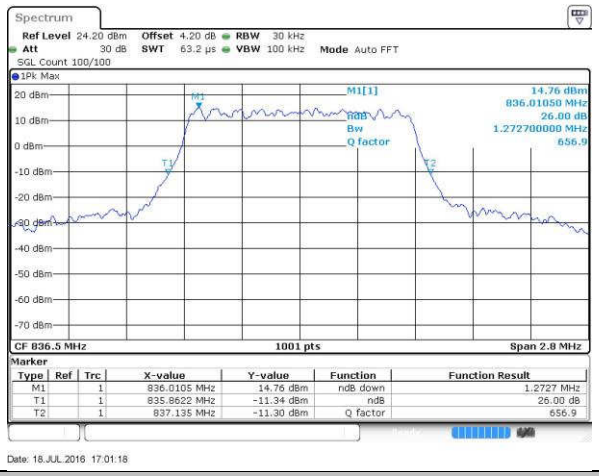
### Lowest Channel / 1.4MHz / QPSK



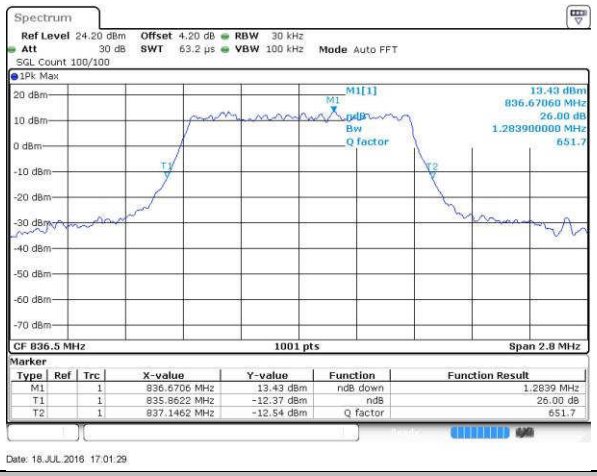

### Lowest Channel / 1.4MHz / 16QAM



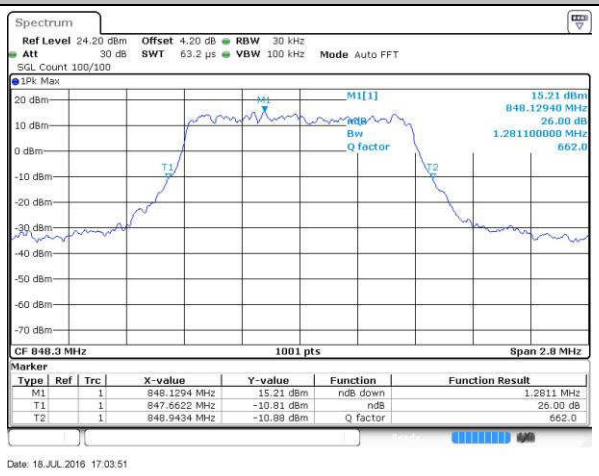

### Middle Channel / 1.4MHz / QPSK



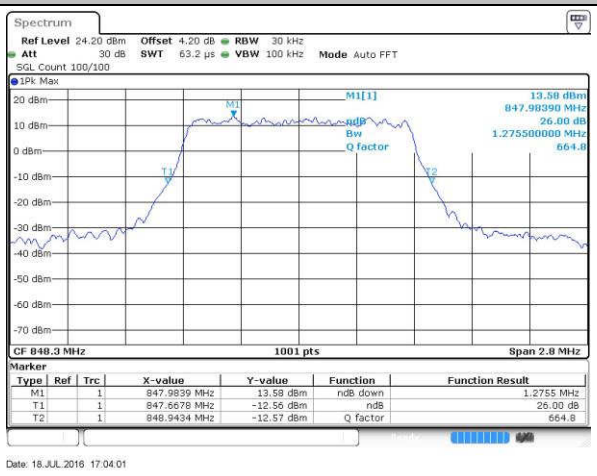

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

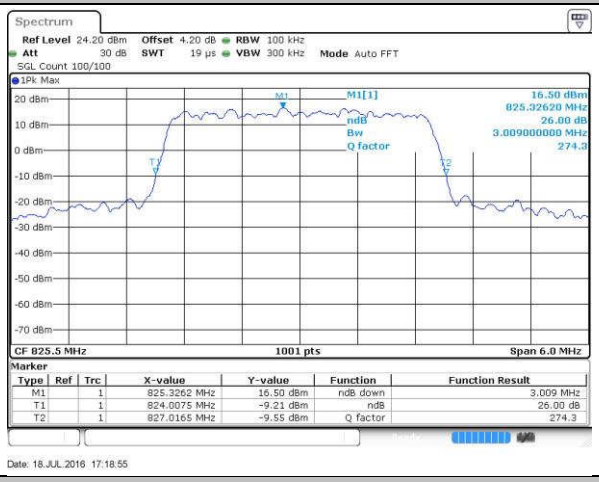



### Highest Channel / 1.4MHz / 16QAM

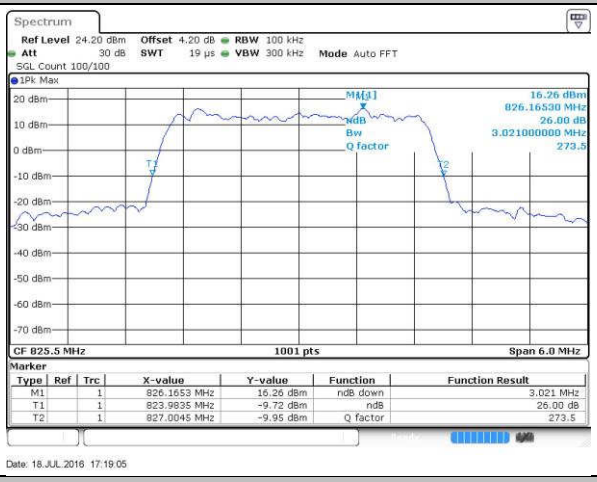


## LTE Band 5

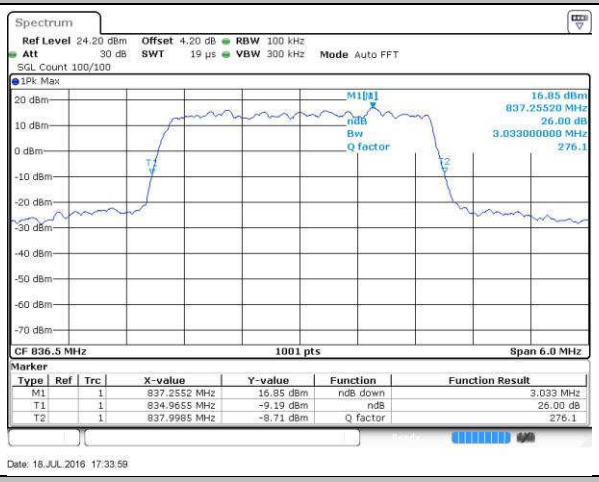
### Lowest Channel / 3MHz / QPSK



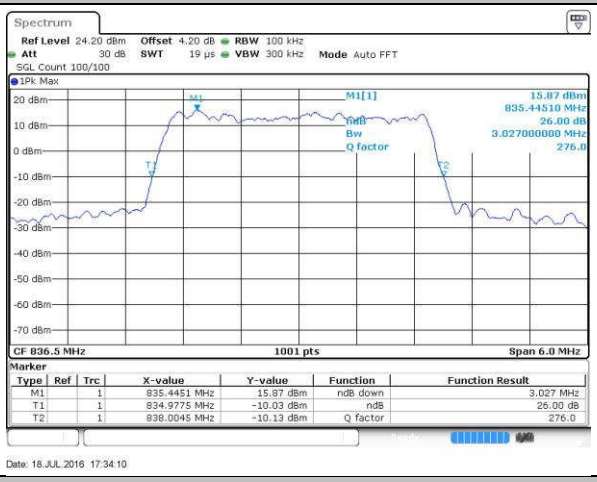

### Lowest Channel / 3MHz / 16QAM



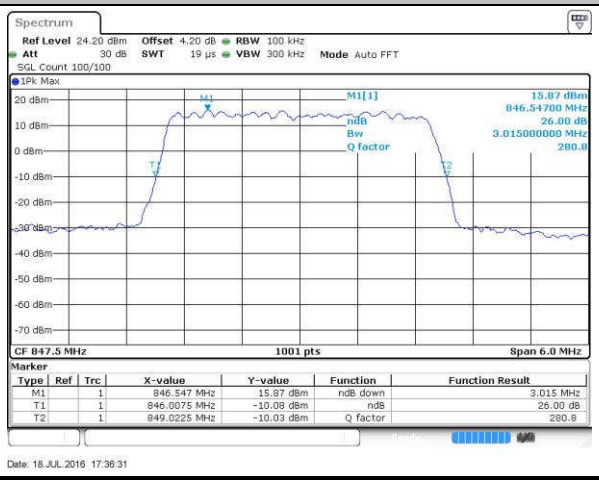

### Middle Channel / 3MHz / QPSK

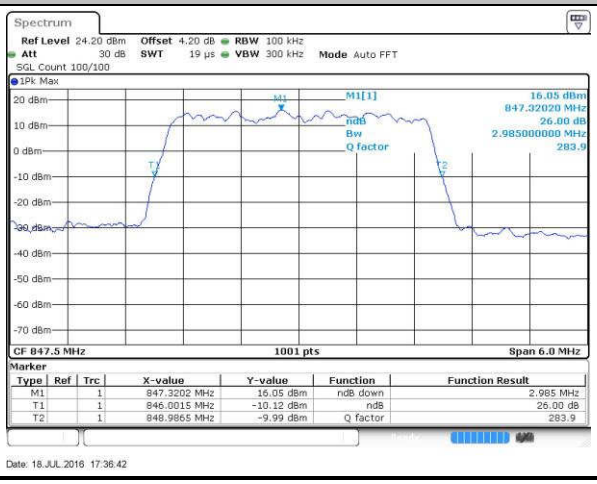



### Middle Channel /3MHz / 16QAM




### Highest Channel /3MHz / QPSK




### Highest Channel /3MHz / 16QAM