# Occupied Bandwidth

| Mode | LTE Band 2 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.091 | 1.097 | 2.727 | 2.727 | 4.486 | 4.496 | 9.071 | 9.051 | 13.457 | 13.457 | 18.422 | 18.462 |
| Middle CH | 1.097 | 1.097 | 2.721 | 2.721 | 4.505 | 4.496 | 9.091 | 9.031 | 13.427 | 13.457 | 18.302 | 18.262 |
| Highest CH | 1.099 | 1.097 | 2.721 | 2.727 | 4.505 | 4.496 | 9.031 | 9.051 | 13.427 | 13.487 | 18.342 | 18.382 |

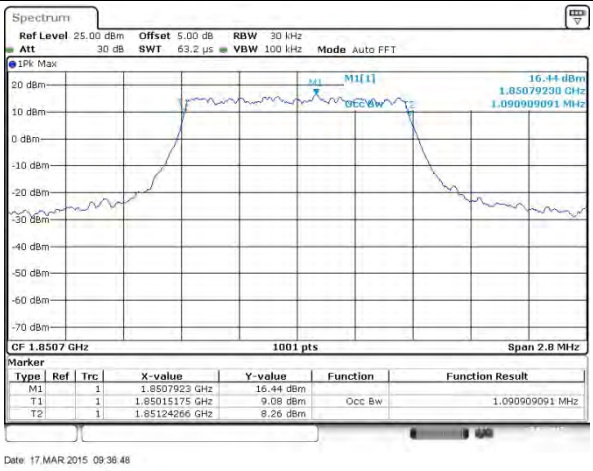
| Mode | LTE Band 4 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.094 | 1.097 | 2.727 | 2.721 | 4.496 | 4.486 | 9.071 | 9.031 | 13.487 | 13.457 | 18.342 | 18.422 |
| Middle CH | 1.097 | 1.097 | 2.727 | 2.727 | 4.496 | 4.496 | 9.071 | 9.051 | 13.516 | 13.487 | 18.422 | 18.581 |
| Highest CH | 1.097 | 1.097 | 2.727 | 2.733 | 4.496 | 4.505 | 9.051 | 9.051 | 13.457 | 13.457 | 18.222 | 18.142 |

| Mode | LTE Band 5 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.097 | 1.097 | 2.727 | 2.721 | 4.505 | 4.496 | 9.051 | 9.031 | - | - | - | - |
| Middle CH | 1.097 | 1.097 | 2.733 | 2.727 | 4.505 | 4.505 | 9.071 | 9.051 | - | - | - | - |
| Highest CH | 1.094 | 1.097 | 2.721 | 2.727 | 4.496 | 4.496 | 9.071 | 8.991 | - | - | - | - |

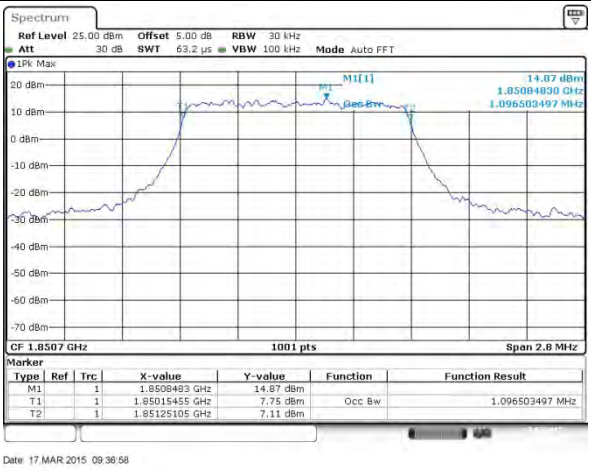
| Mode | LTE Band 12 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | 1.097 | 1.097 | 2.721 | 2.721 | 4.505 | 4.496 | 9.091 | 9.031 | - | - | - | - |
| Middle CH | 1.094 | 1.097 | 2.721 | 2.727 | 4.496 | 4.496 | 9.051 | 9.031 | - | - | - | - |
| Highest CH | 1.094 | 1.097 | 2.733 | 2.721 | 4.496 | 4.505 | 9.031 | 9.031 | - | - | - | - |

## LTE Band 2

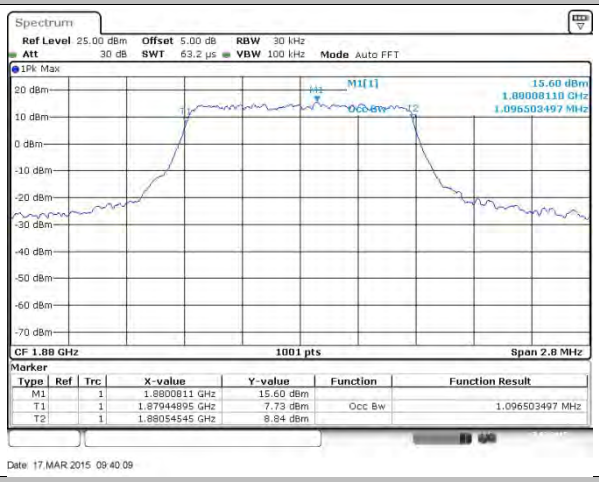
### Lowest Channel / 1.4MHz / QPSK



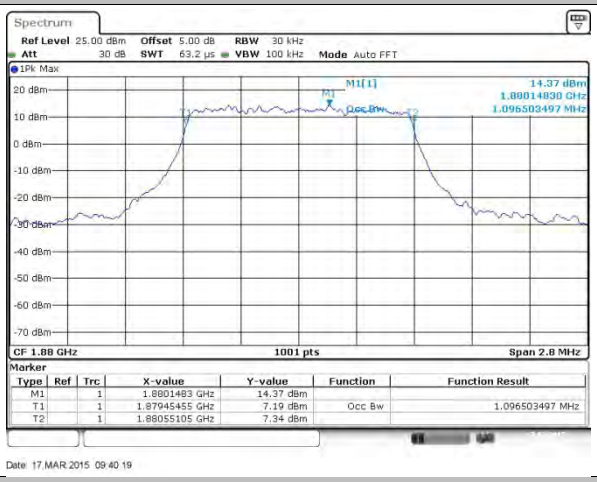

### Lowest Channel / 1.4MHz / 16QAM



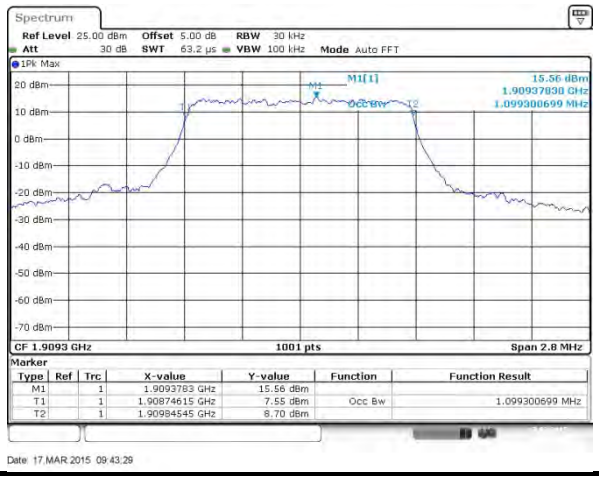

### Middle Channel / 1.4MHz / QPSK



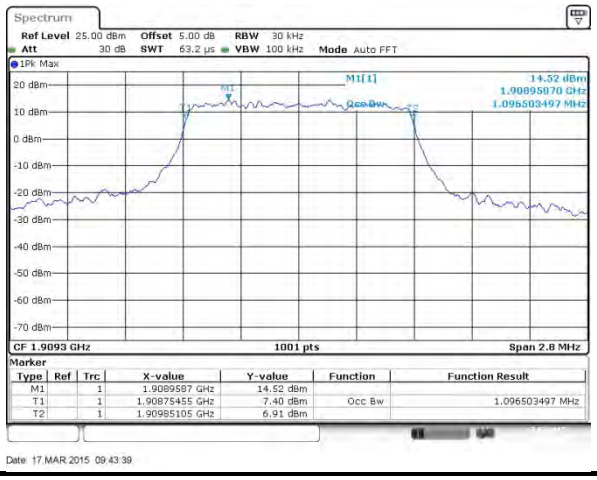

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

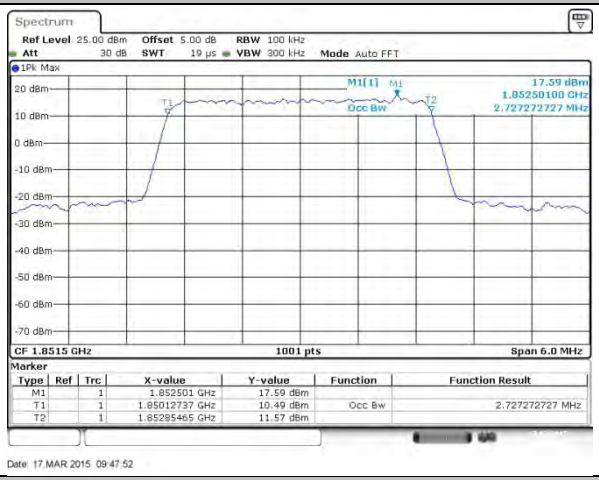



### Highest Channel / 1.4MHz / 16QAM

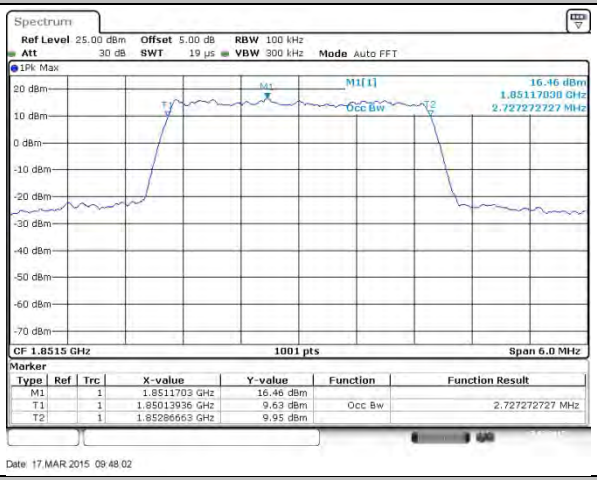


## LTE Band 2

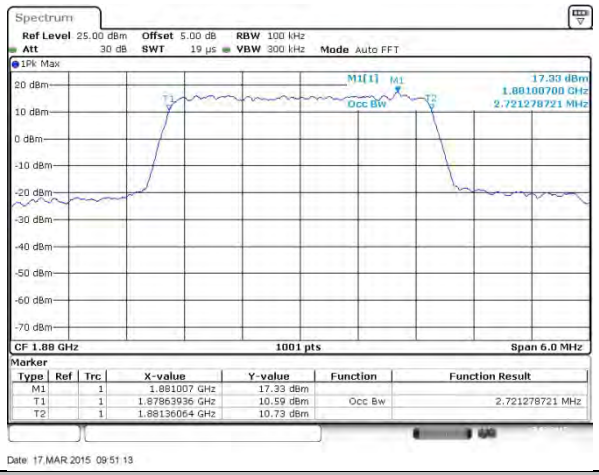
### Lowest Channel / 3MHz / QPSK



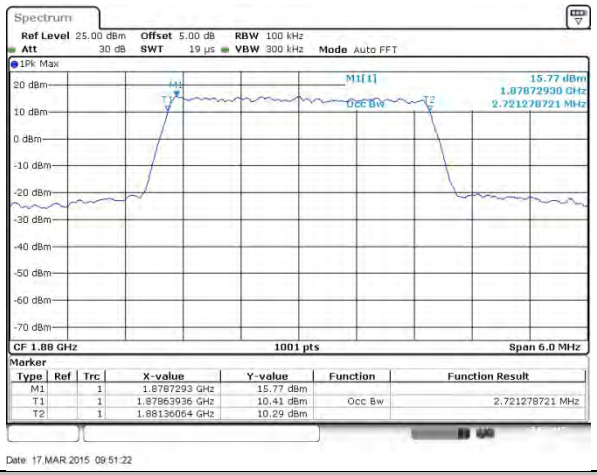

### Lowest Channel / 3MHz / 16QAM



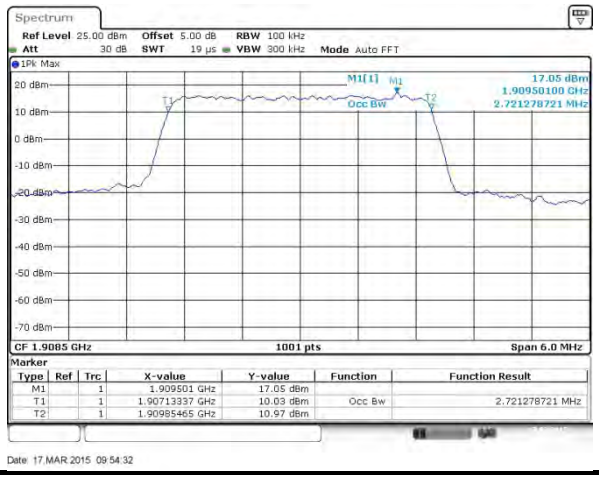

### Middle Channel / 3MHz / QPSK



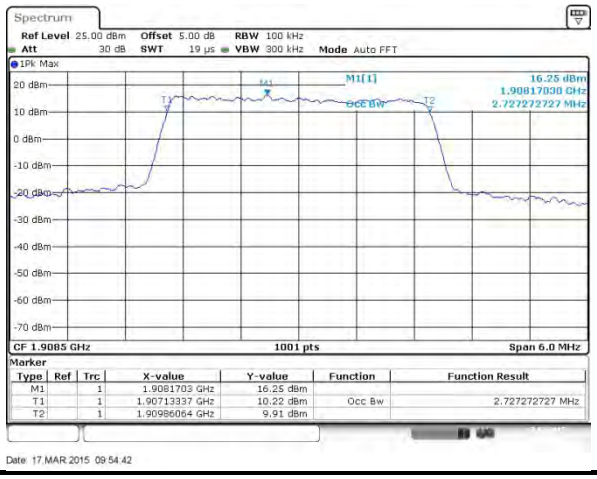

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

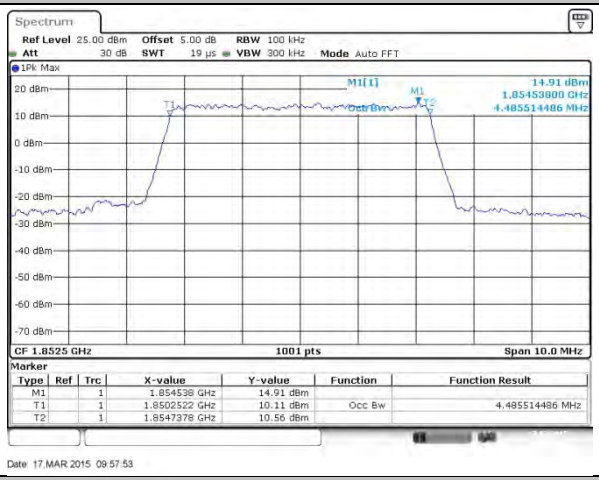



### Highest Channel / 3MHz / 16QAM

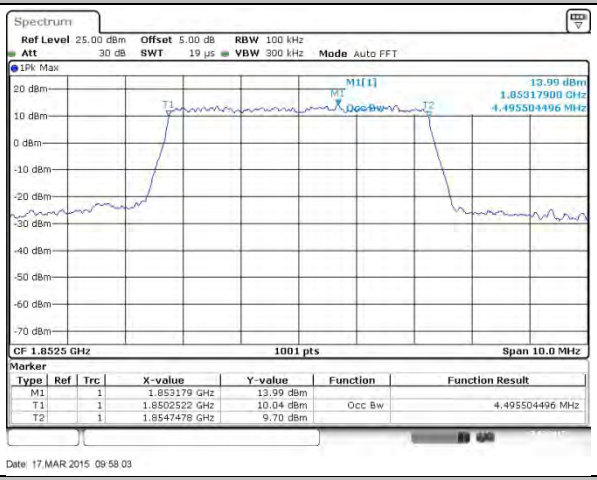


## LTE Band 2

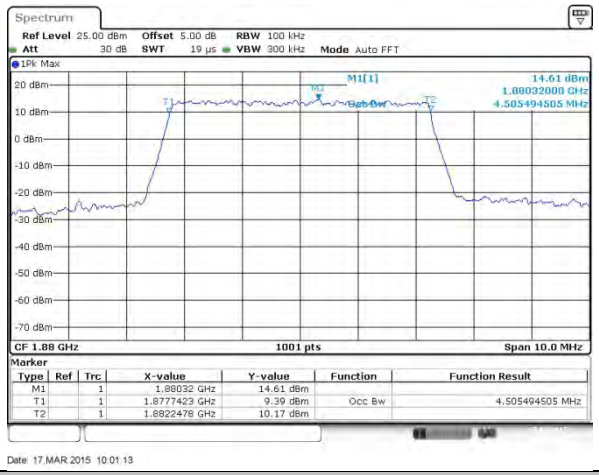
### Lowest Channel / 5MHz / QPSK



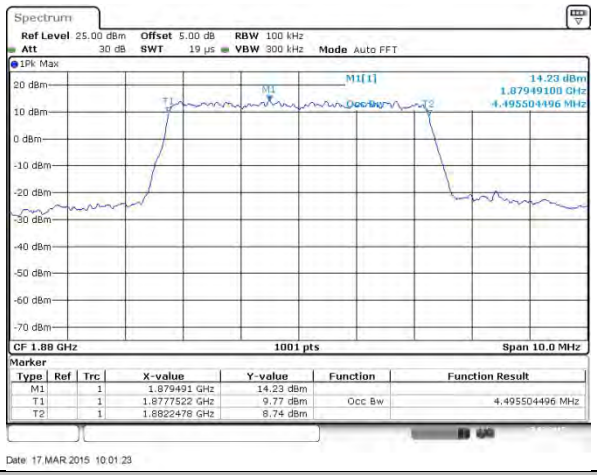

### Lowest Channel / 5MHz / 16QAM



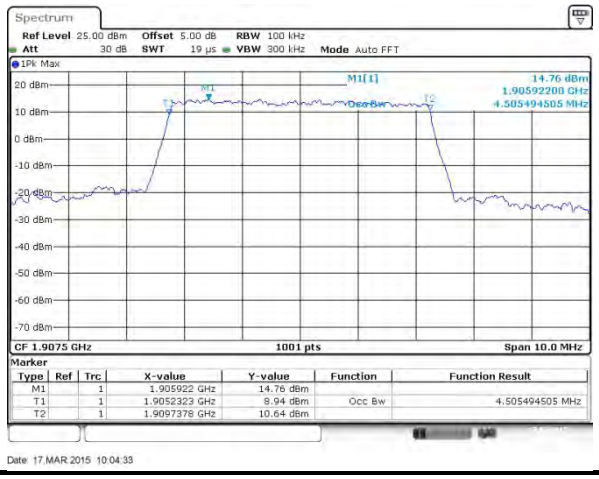

### Middle Channel / 5MHz / QPSK



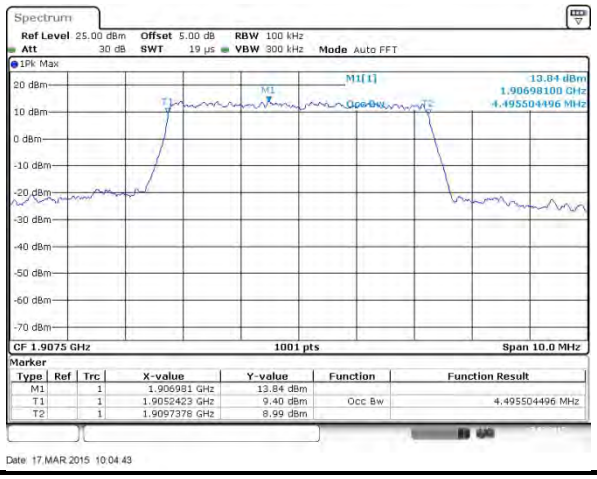

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

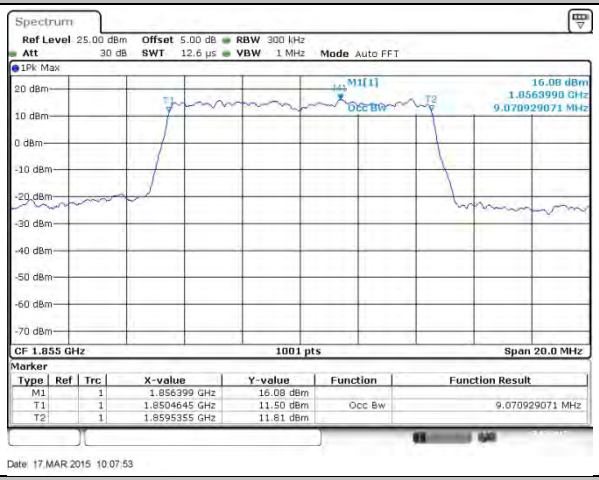



### Highest Channel / 5MHz / 16QAM

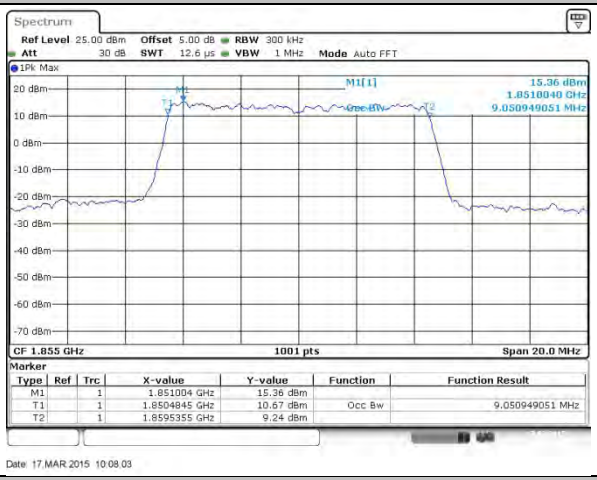


## LTE Band 2

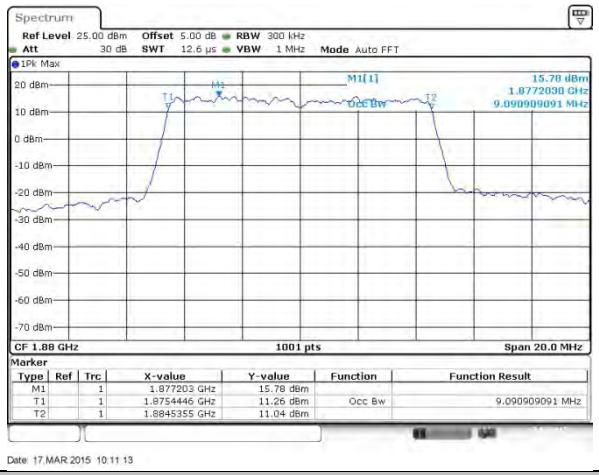
### Lowest Channel / 10MHz / QPSK



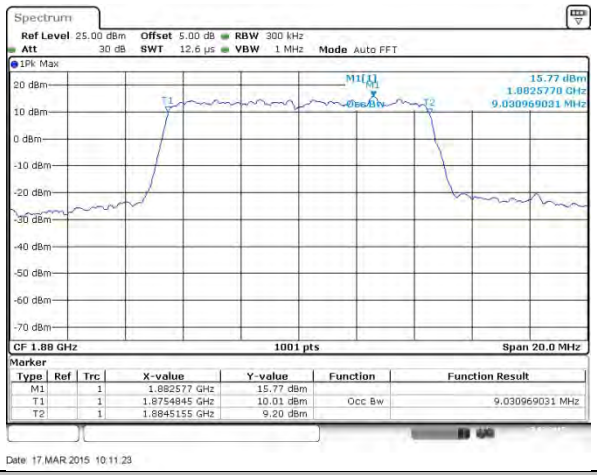

### Lowest Channel / 10MHz / 16QAM



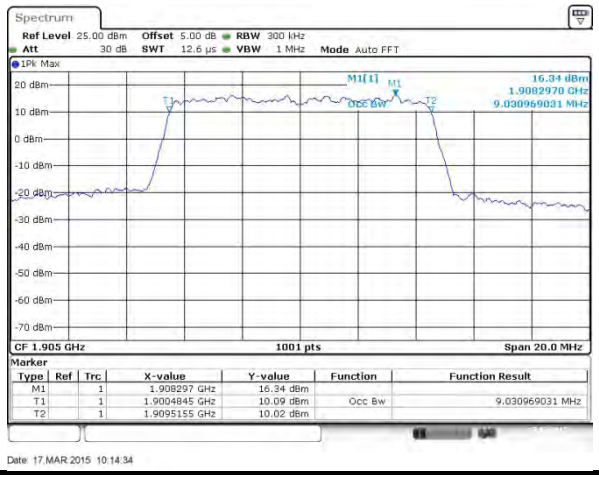

### Middle Channel / 10MHz / QPSK



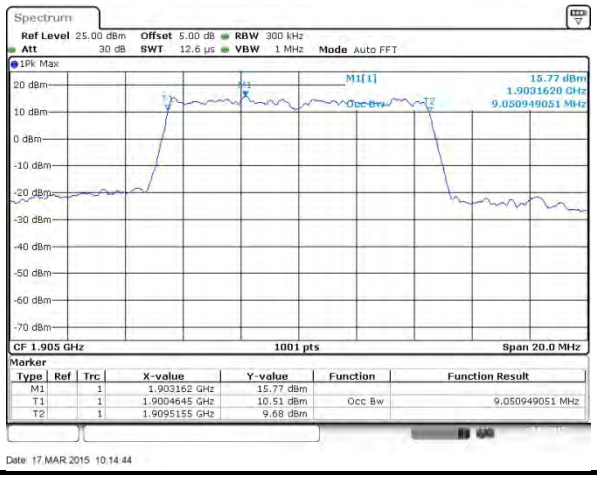

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

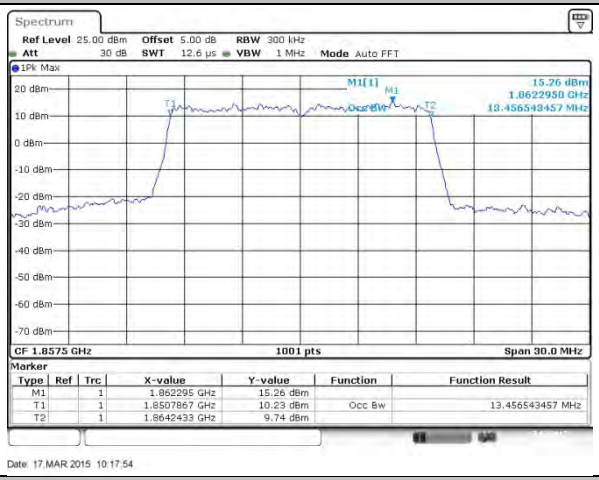



### Highest Channel / 10MHz / 16QAM

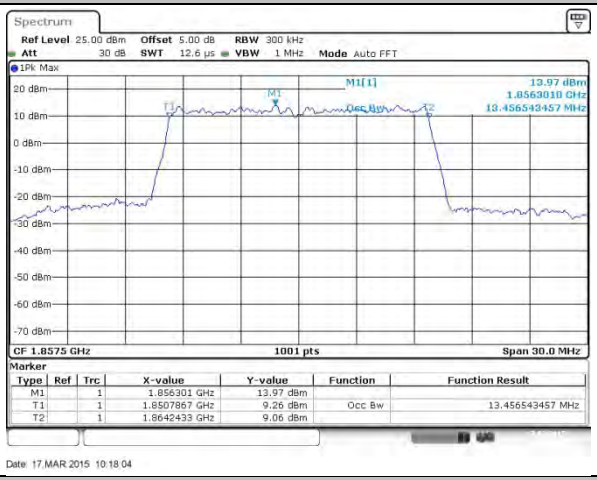


## LTE Band 2

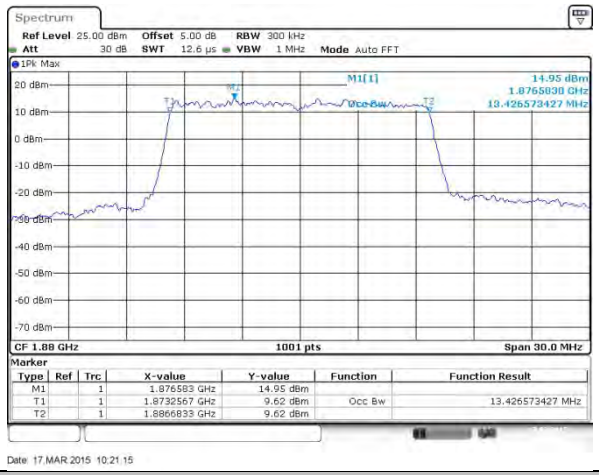
### Lowest Channel / 15MHz / QPSK



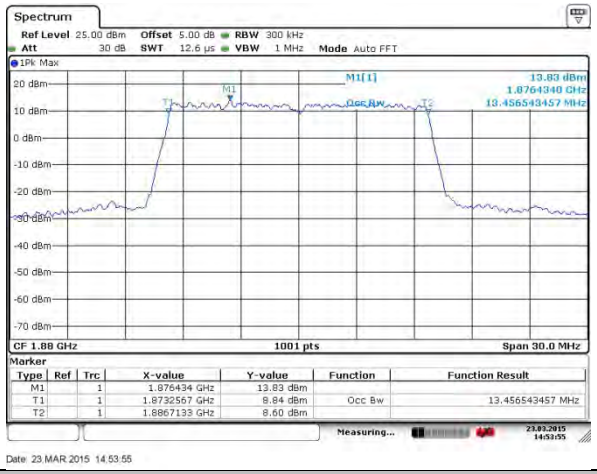

### Lowest Channel / 15MHz / 16QAM



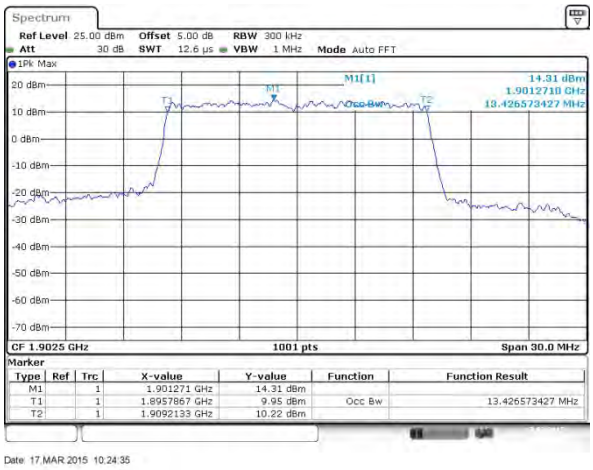

### Middle Channel / 15MHz / QPSK



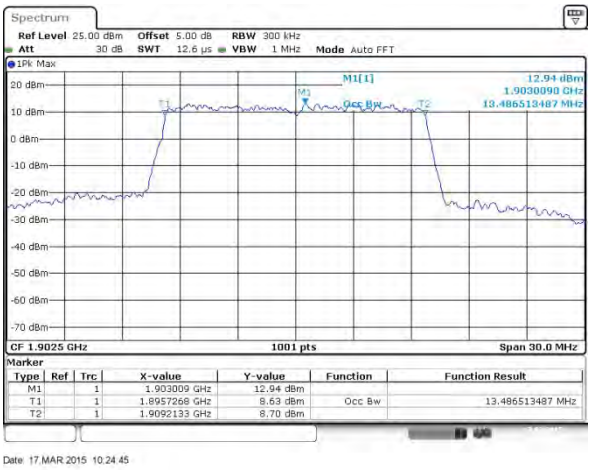

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

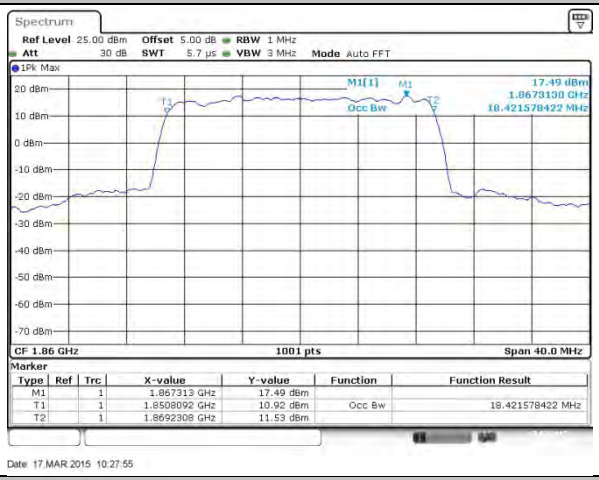



### Highest Channel / 15MHz / 16QAM

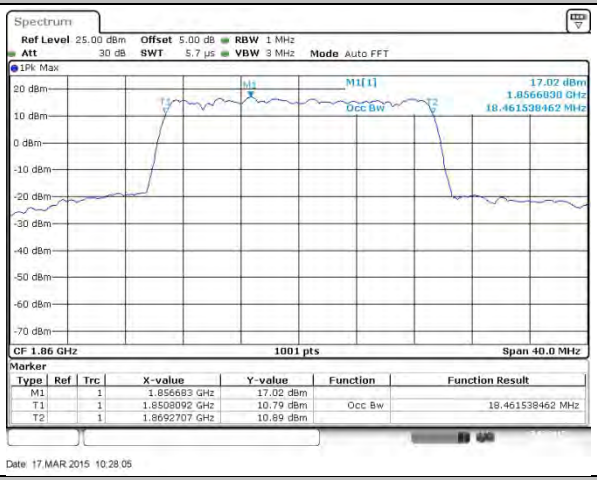


## LTE Band 2

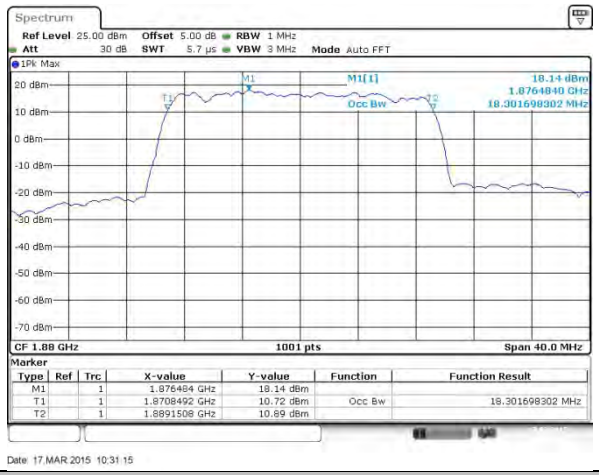
### Lowest Channel / 20MHz / QPSK



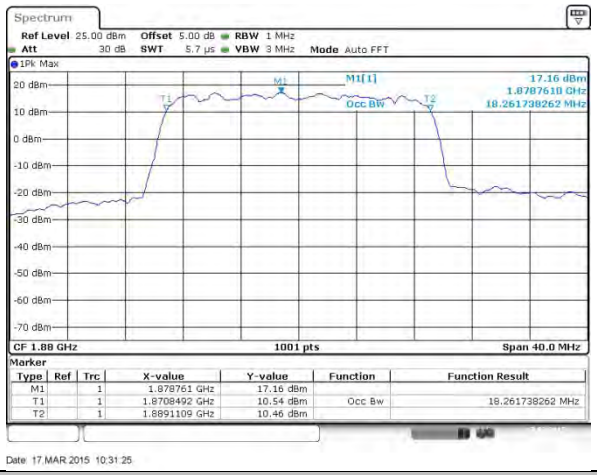

### Lowest Channel / 20MHz / 16QAM



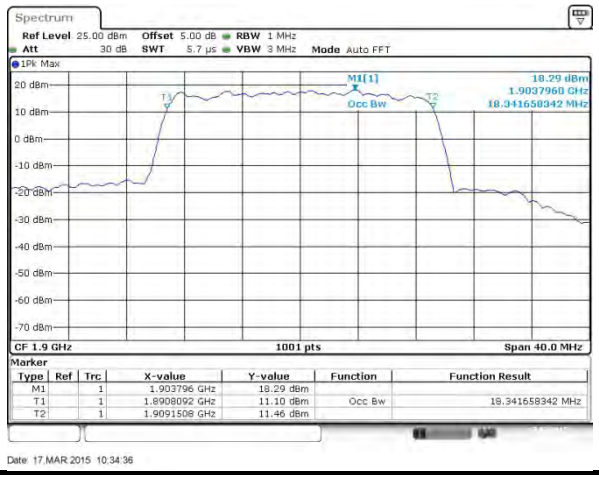

### Middle Channel / 20MHz / QPSK



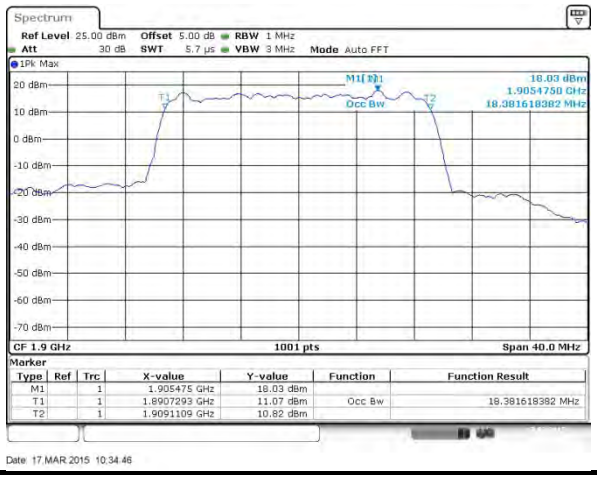

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

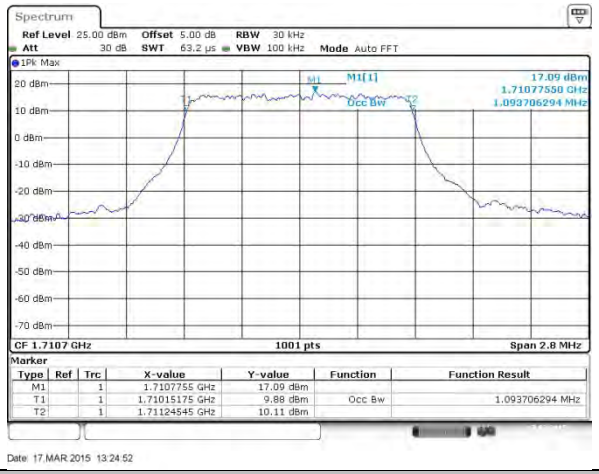



### Highest Channel / 20MHz / 16QAM

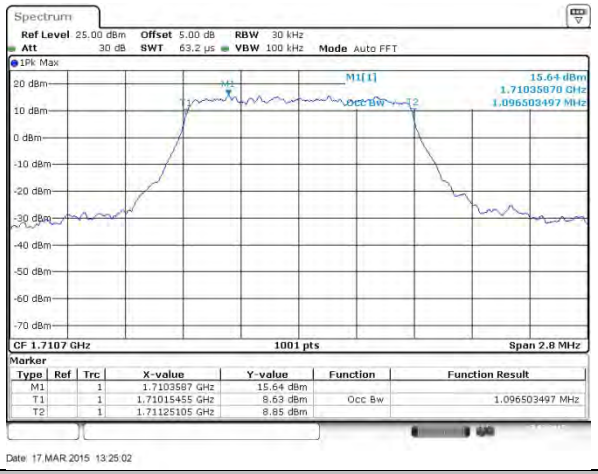


## LTE Band 4

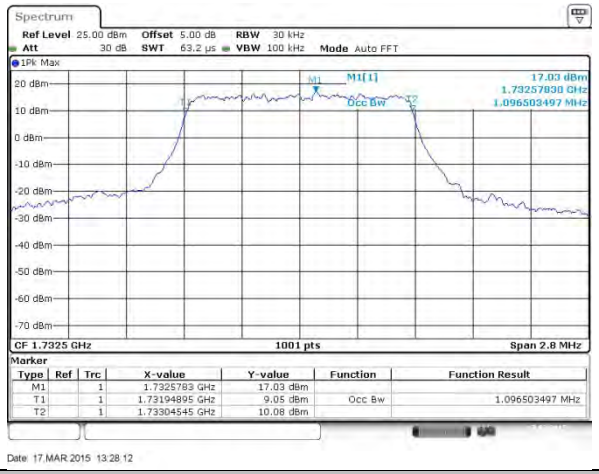
### Lowest Channel / 1.4MHz / QPSK



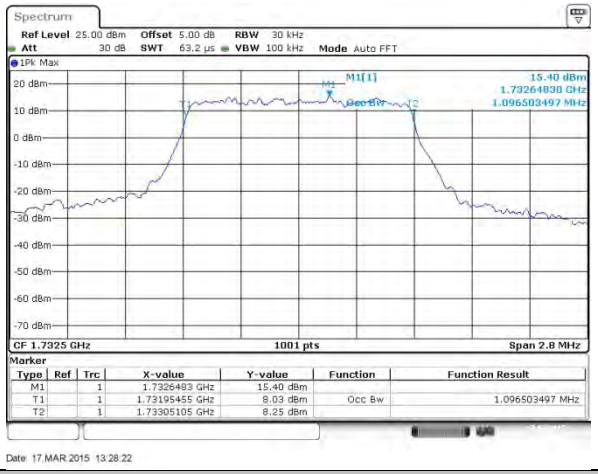

### Lowest Channel / 1.4MHz / 16QAM



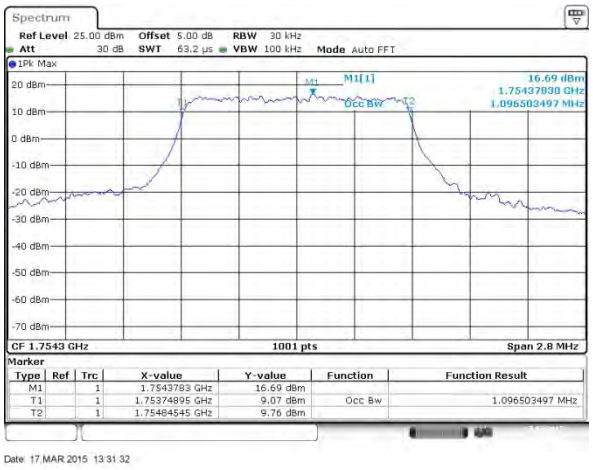

### Middle Channel / 1.4MHz / QPSK



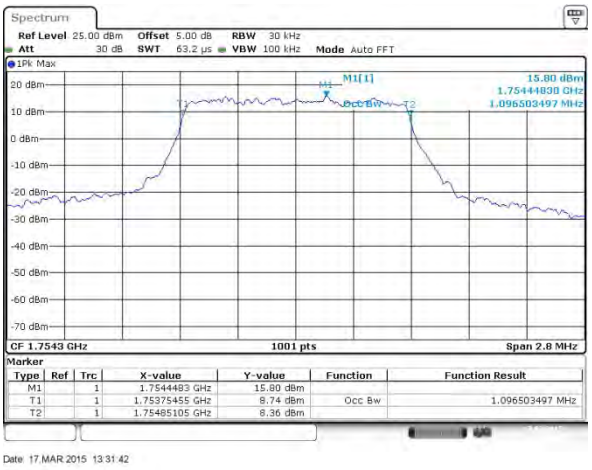

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

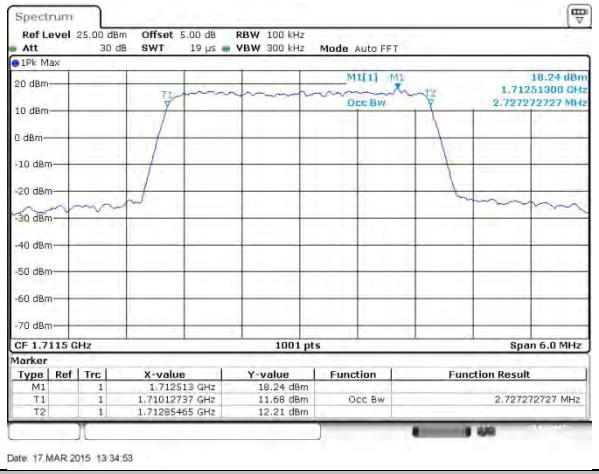



### Highest Channel / 1.4MHz / 16QAM

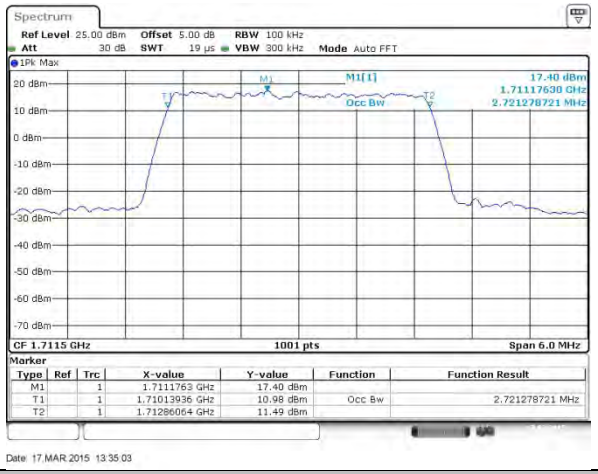


## LTE Band 4

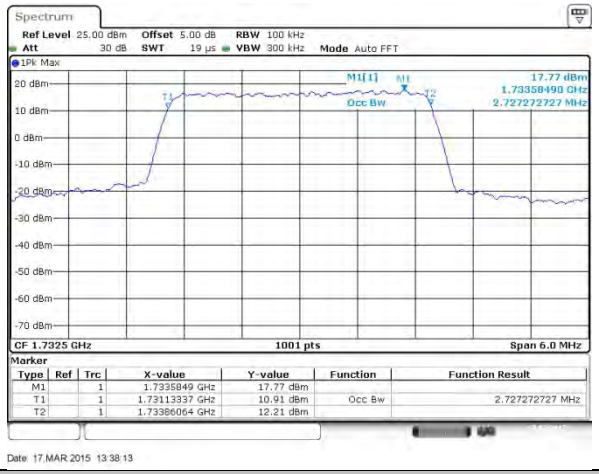
### Lowest Channel / 3MHz / QPSK



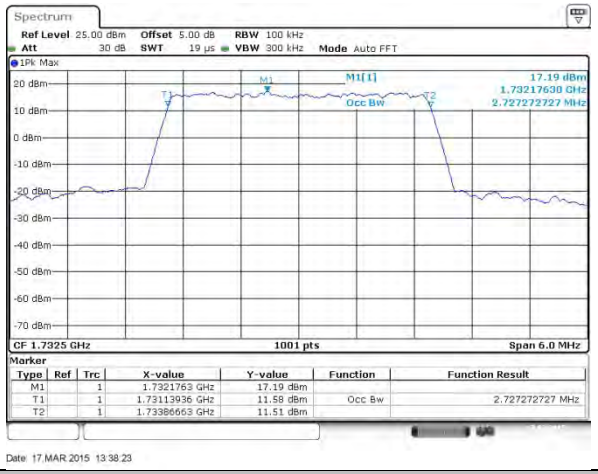

### Lowest Channel / 3MHz / 16QAM



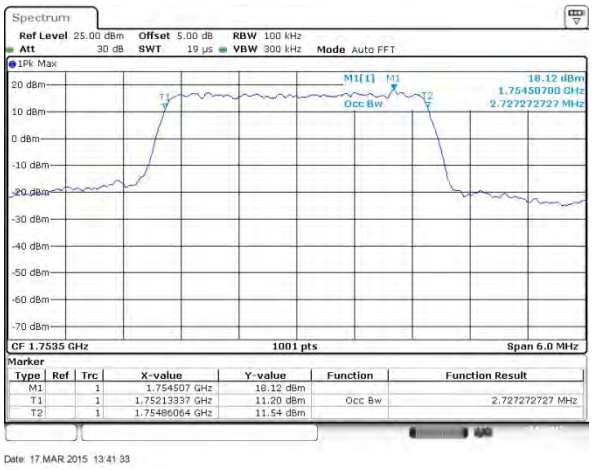

### Middle Channel / 3MHz / QPSK



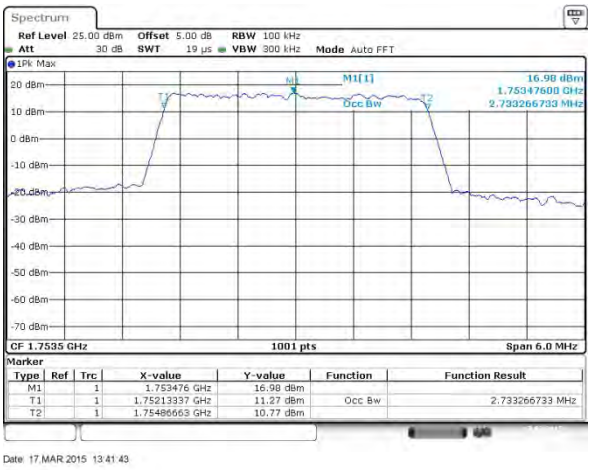

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

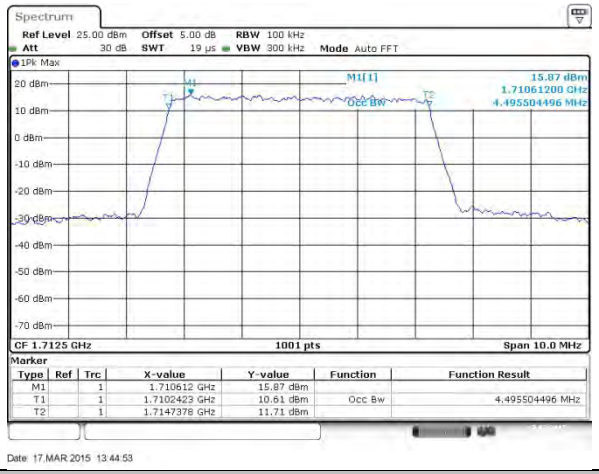



### Highest Channel / 3MHz / 16QAM

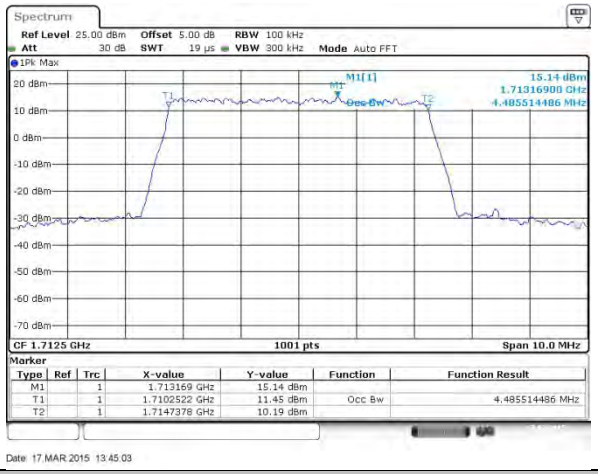


## LTE Band 4

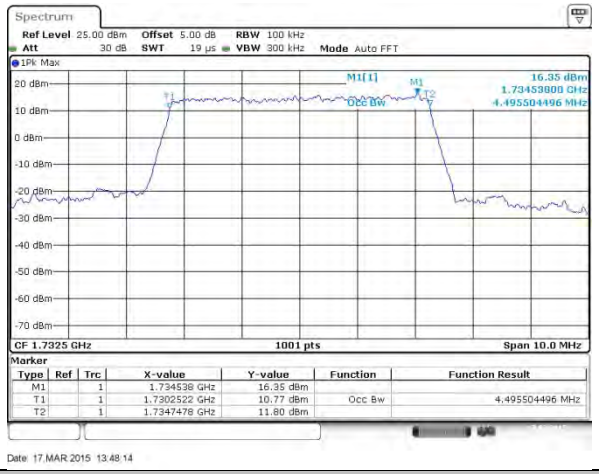
### Lowest Channel / 5MHz / QPSK



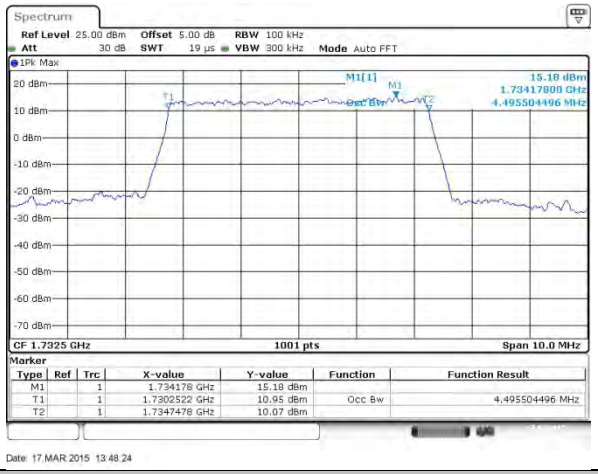

### Lowest Channel / 5MHz / 16QAM



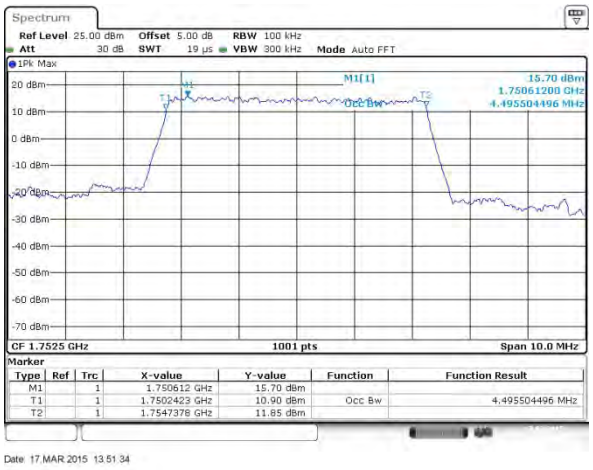

### Middle Channel / 5MHz / QPSK



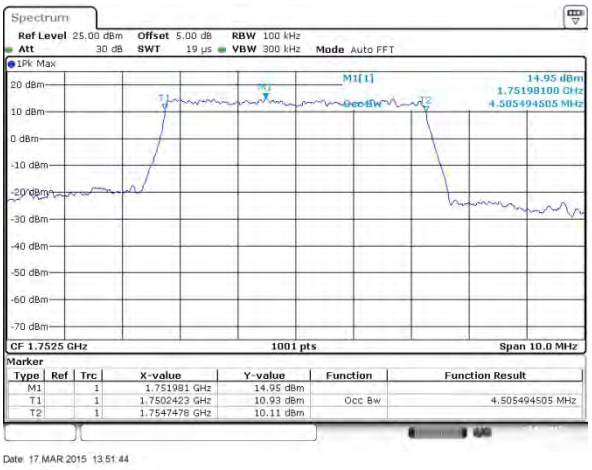

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

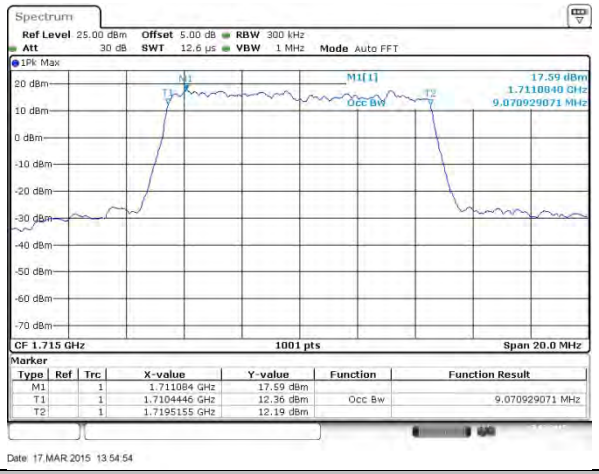



### Highest Channel / 5MHz / 16QAM

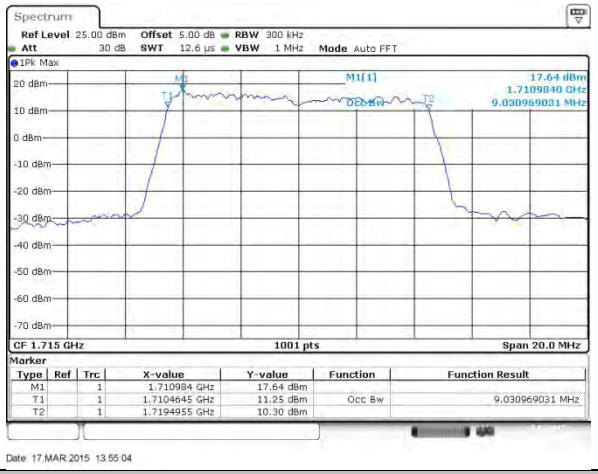


## LTE Band 4

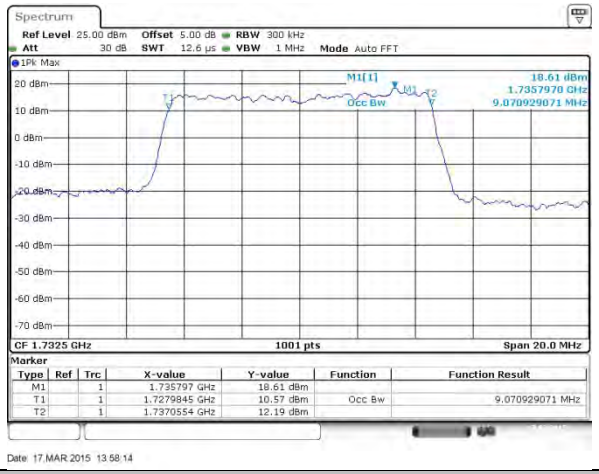
### Lowest Channel / 10MHz / QPSK



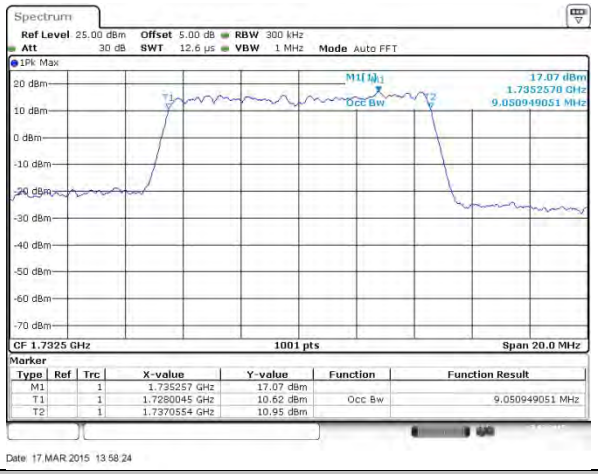

### Lowest Channel / 10MHz / 16QAM



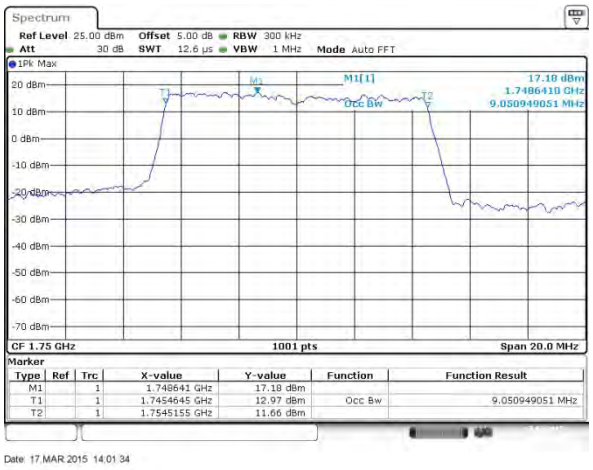

### Middle Channel / 10MHz / QPSK



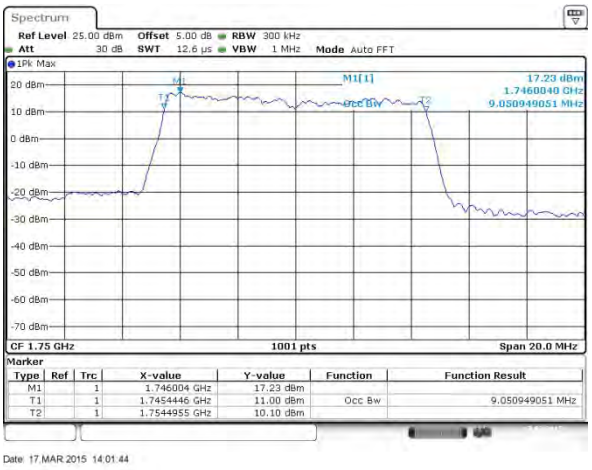

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

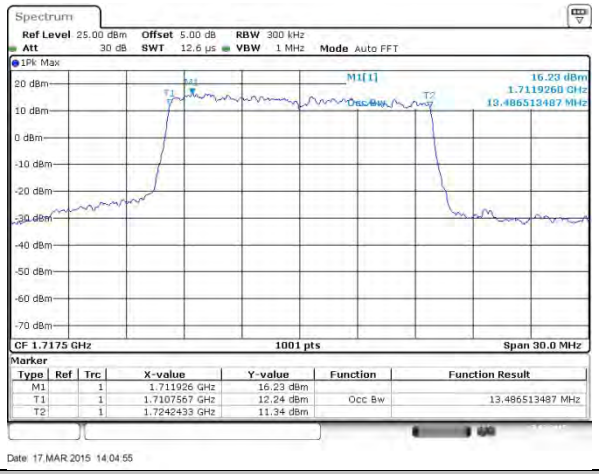



### Highest Channel / 10MHz / 16QAM

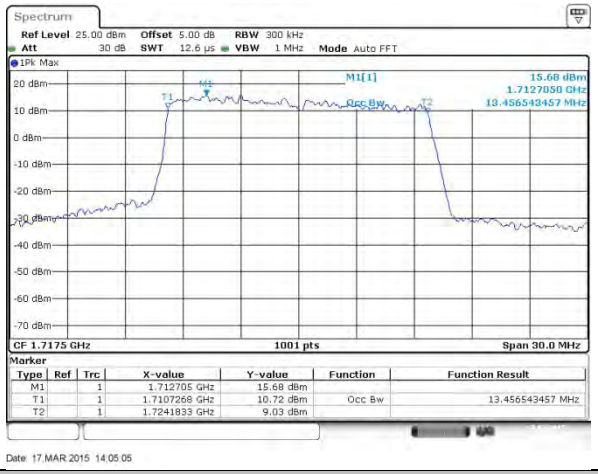


## LTE Band 4

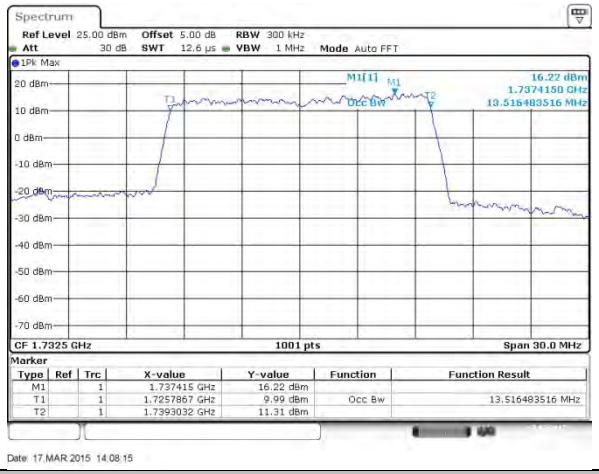
### Lowest Channel / 15MHz / QPSK



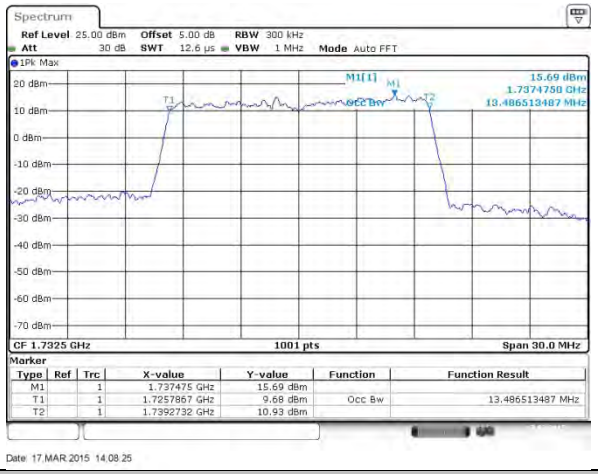

### Lowest Channel / 15MHz / 16QAM



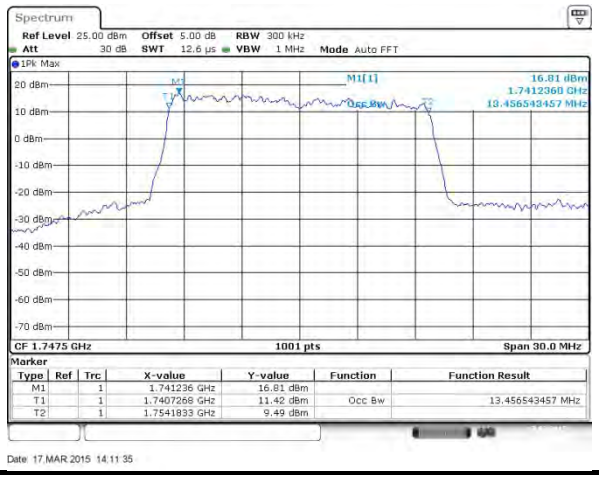

### Middle Channel / 15MHz / QPSK



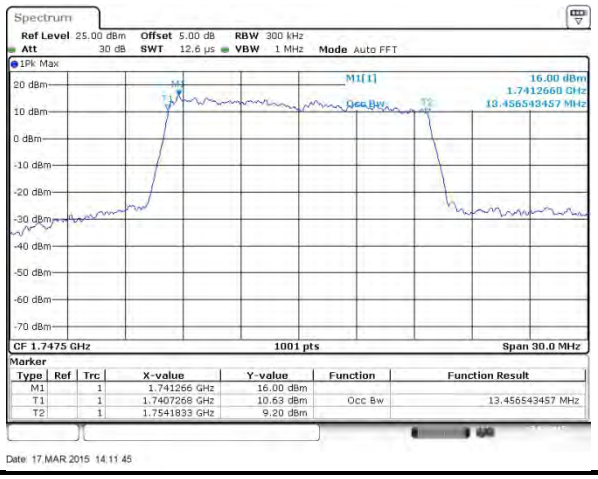

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

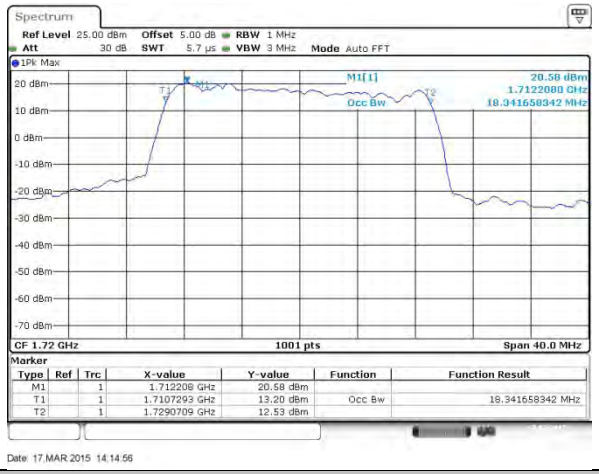



### Highest Channel / 15MHz / 16QAM

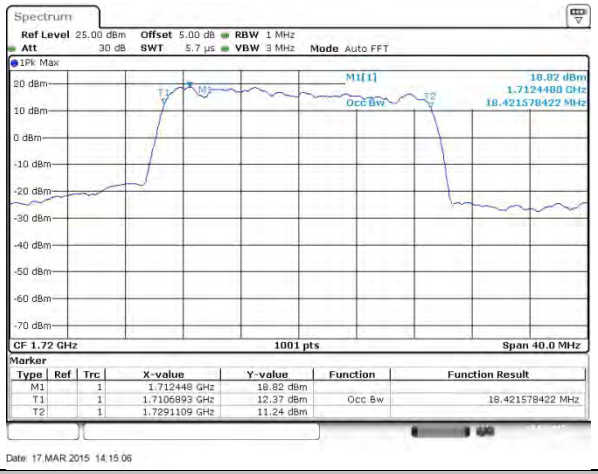


## LTE Band 4

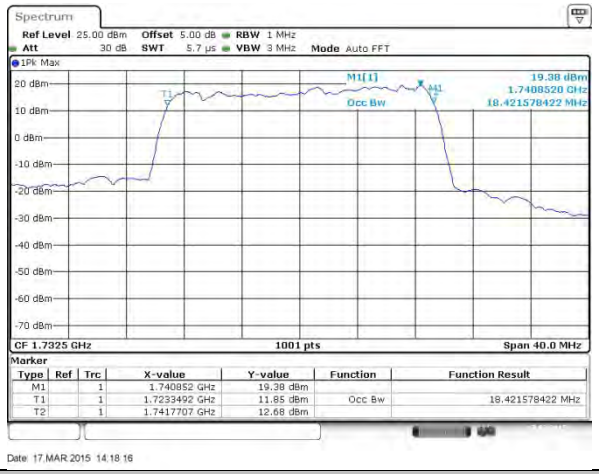
### Lowest Channel / 20MHz / QPSK



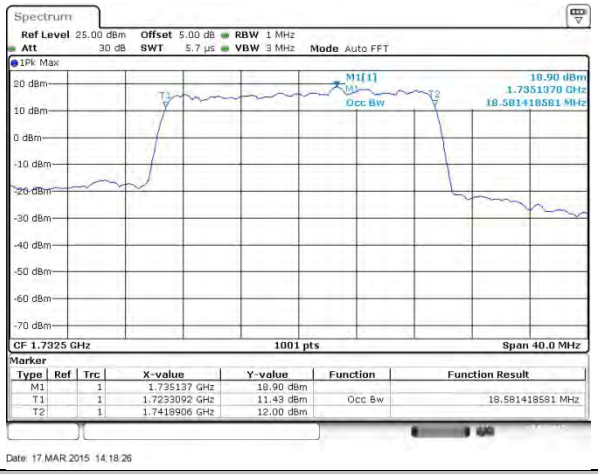

### Lowest Channel / 20MHz / 16QAM



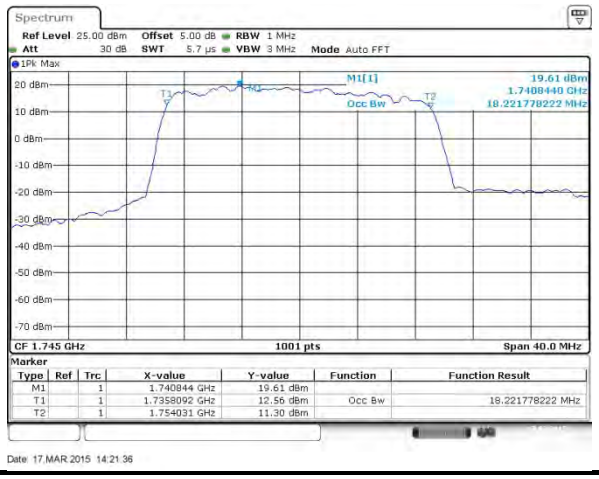

### Middle Channel / 20MHz / QPSK



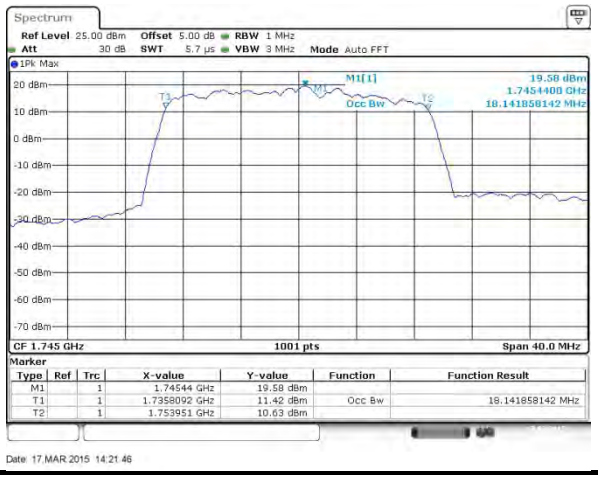

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

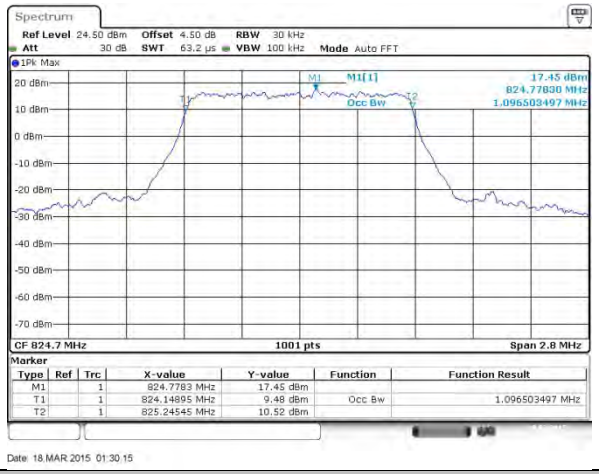



### Highest Channel / 20MHz / 16QAM

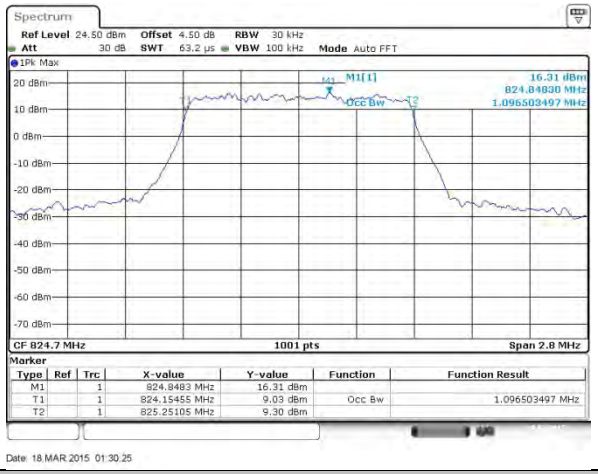


## LTE Band 5

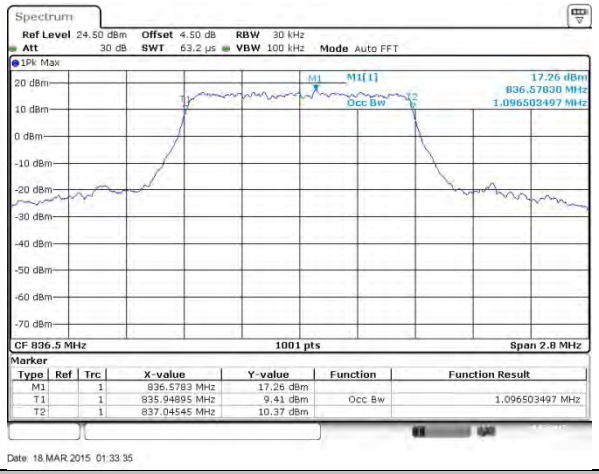
### Lowest Channel / 1.4MHz / QPSK



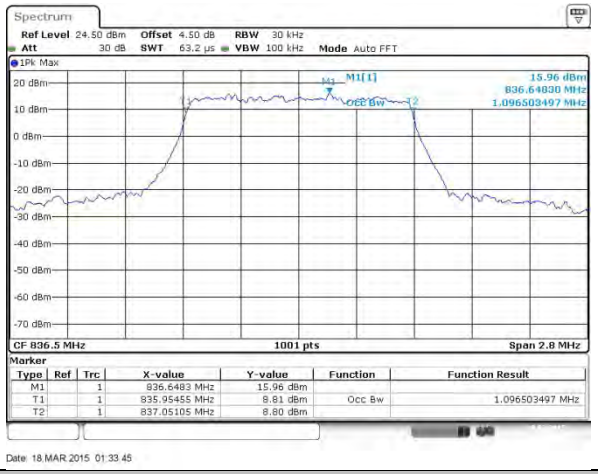

### Lowest Channel / 1.4MHz / 16QAM



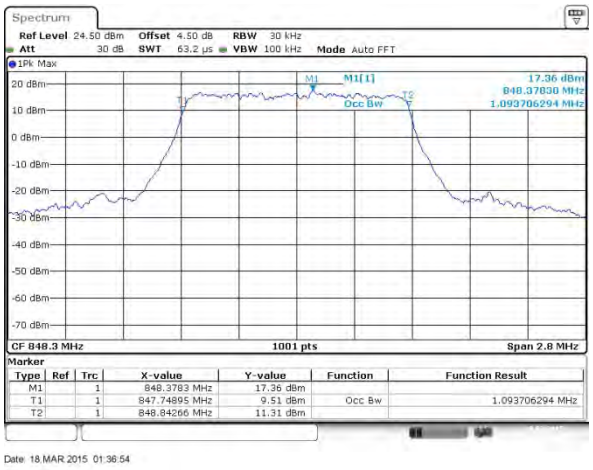

### Middle Channel / 1.4MHz / QPSK



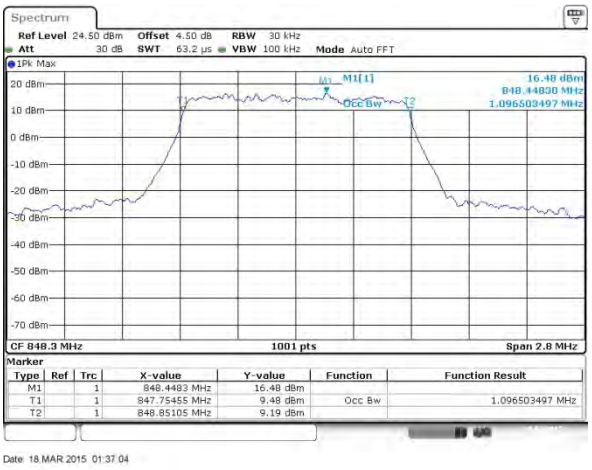

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

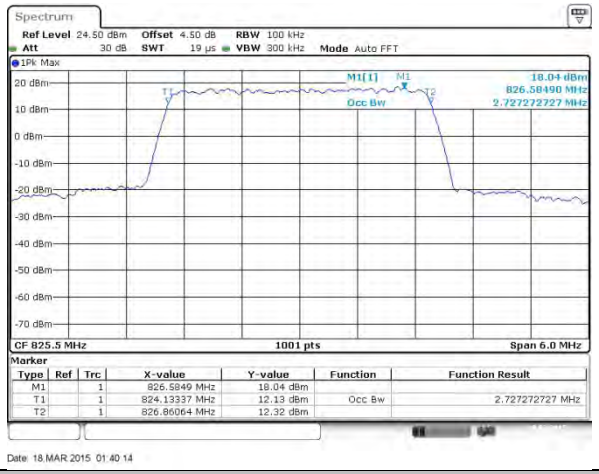



### Highest Channel / 1.4MHz / 16QAM

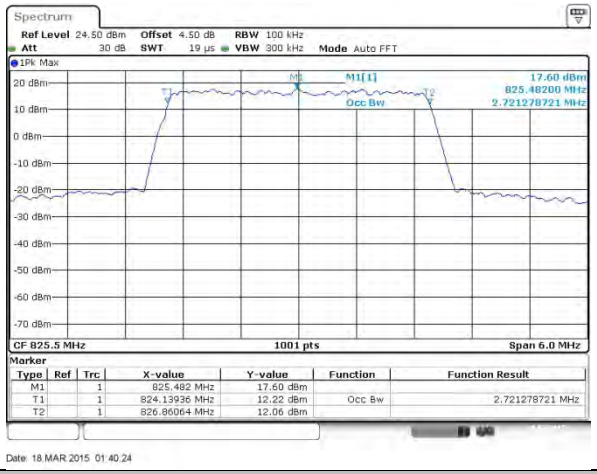


## LTE Band 5

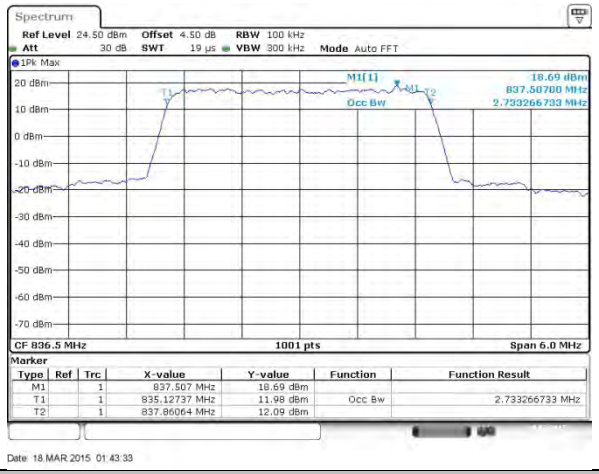
### Lowest Channel / 3MHz / QPSK



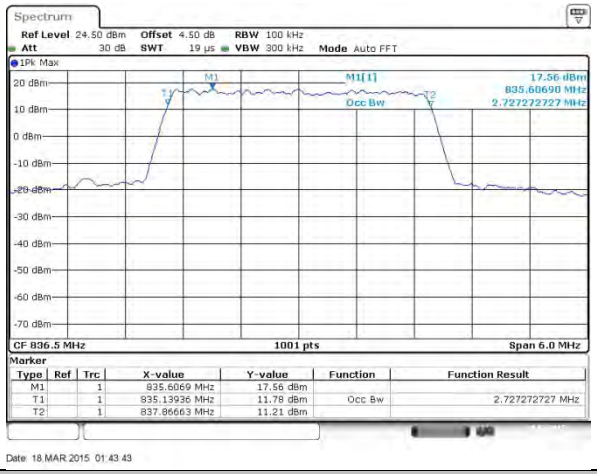

### Lowest Channel / 3MHz / 16QAM



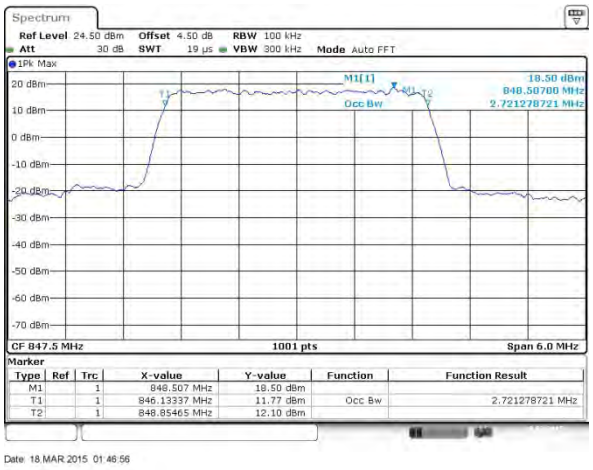

### Middle Channel / 3MHz / QPSK



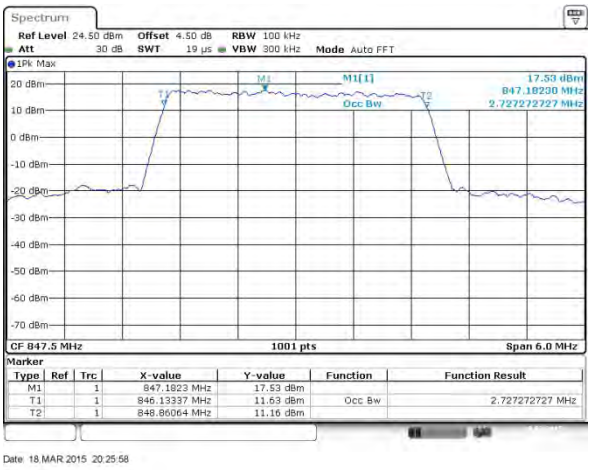

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

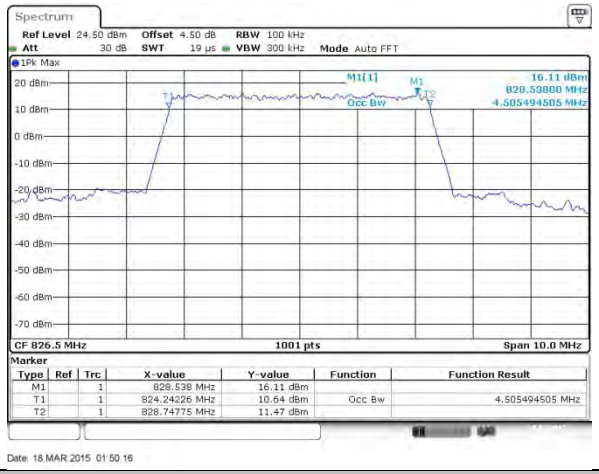



### Highest Channel / 3MHz / 16QAM

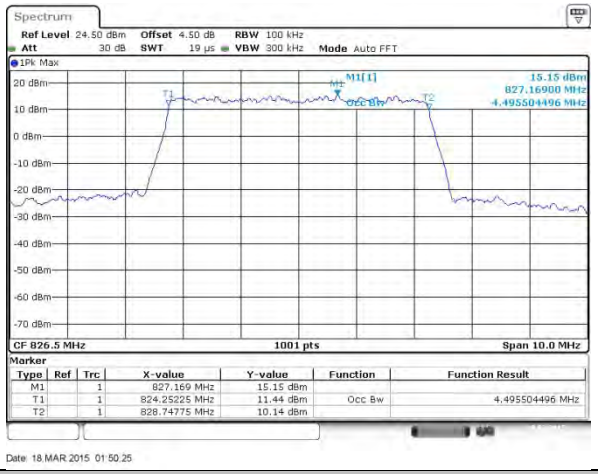


## LTE Band 5

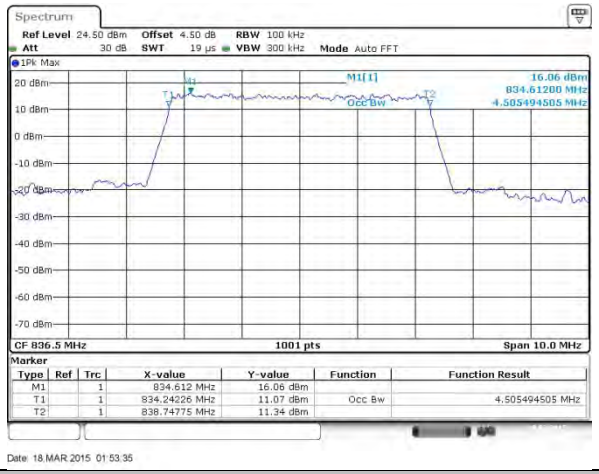
### Lowest Channel / 5MHz / QPSK



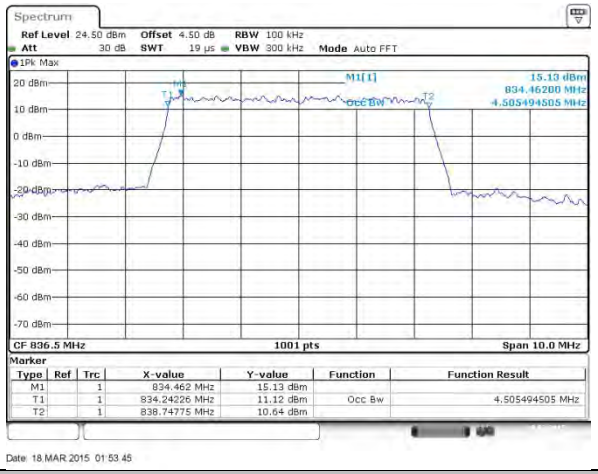

### Lowest Channel / 5MHz / 16QAM



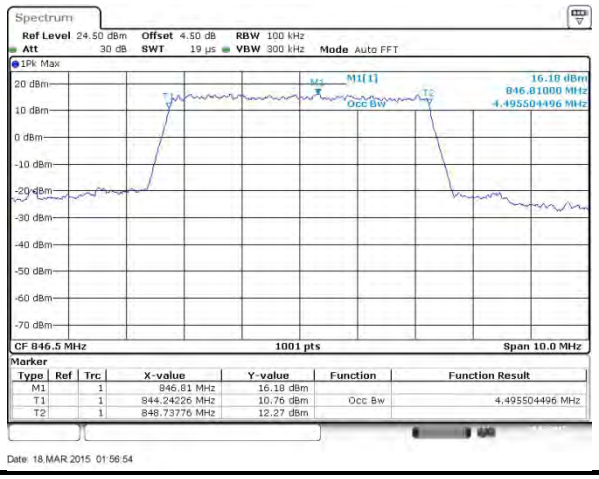

### Middle Channel / 5MHz / QPSK



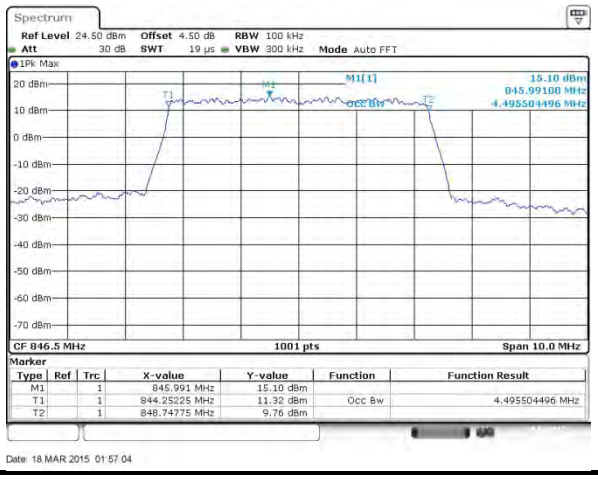

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

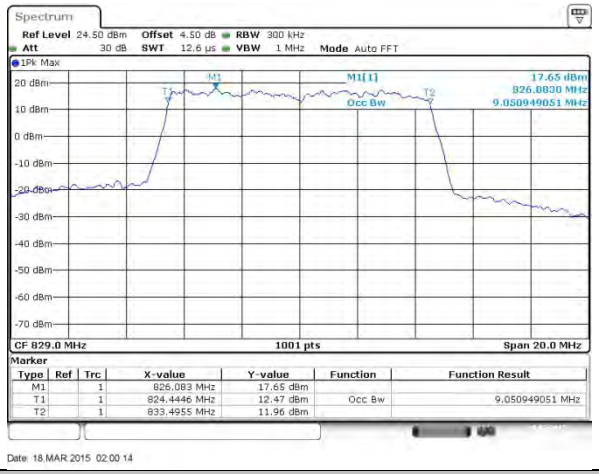



### Highest Channel / 5MHz / 16QAM

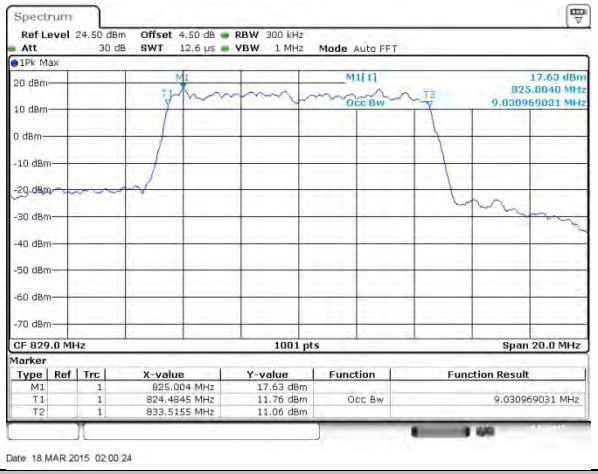


## LTE Band 5

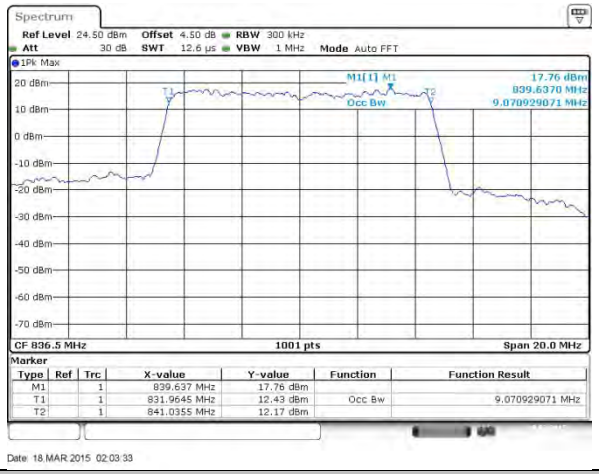
### Lowest Channel / 10MHz / QPSK



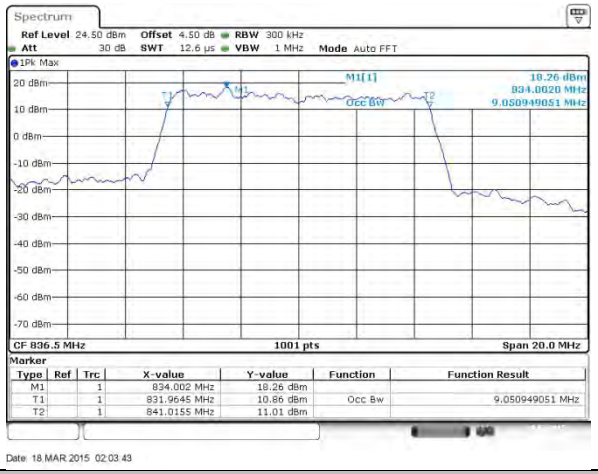

### Lowest Channel / 10MHz / 16QAM



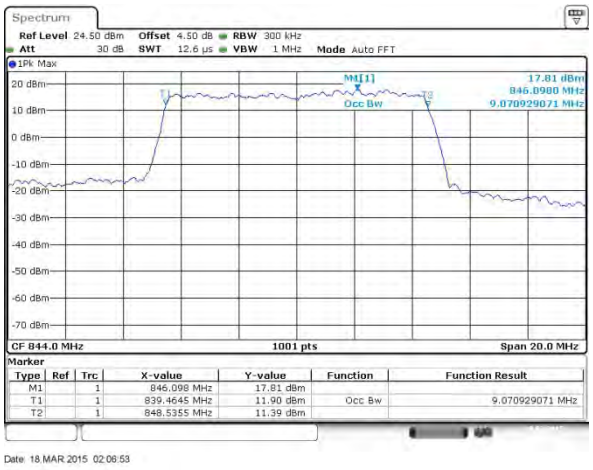

### Middle Channel / 10MHz / QPSK



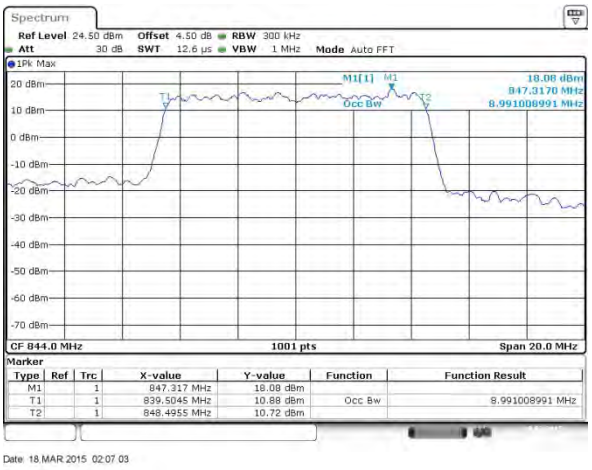

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

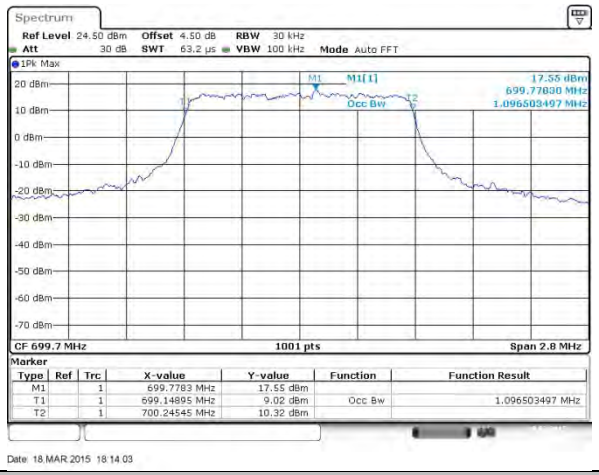



### Highest Channel / 10MHz / 16QAM

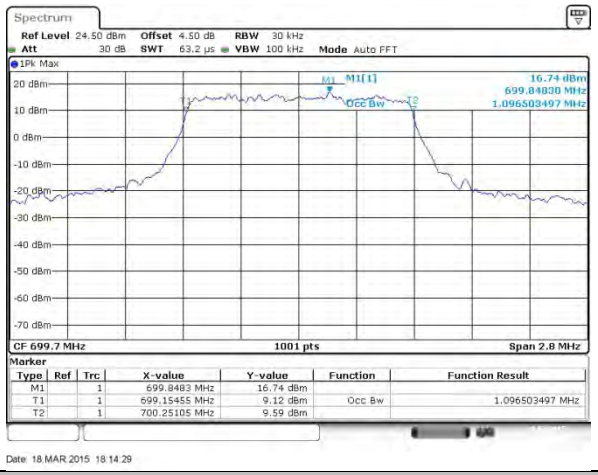


## LTE Band 12

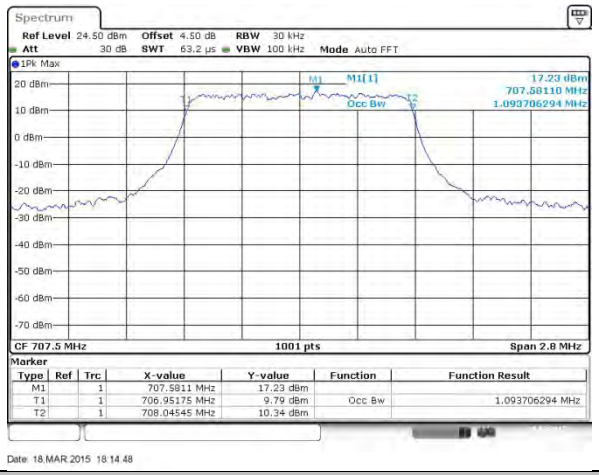
### Lowest Channel / 1.4MHz / QPSK



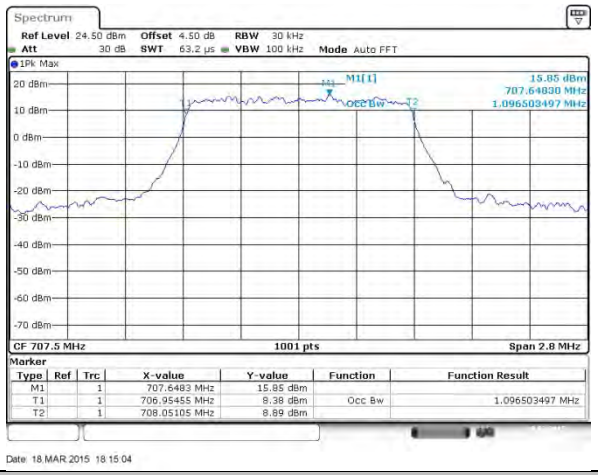

### Lowest Channel / 1.4MHz / 16QAM



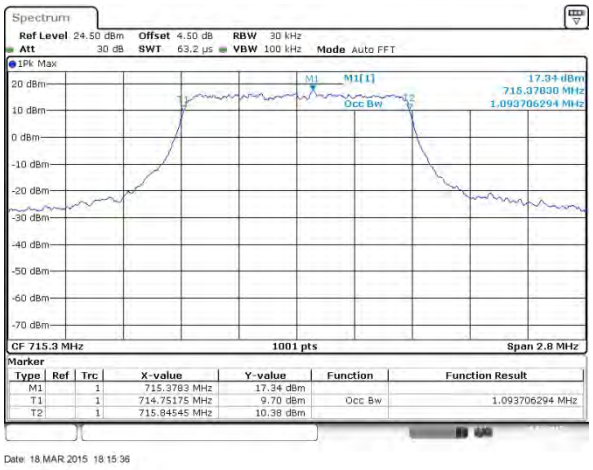

### Middle Channel / 1.4MHz / QPSK



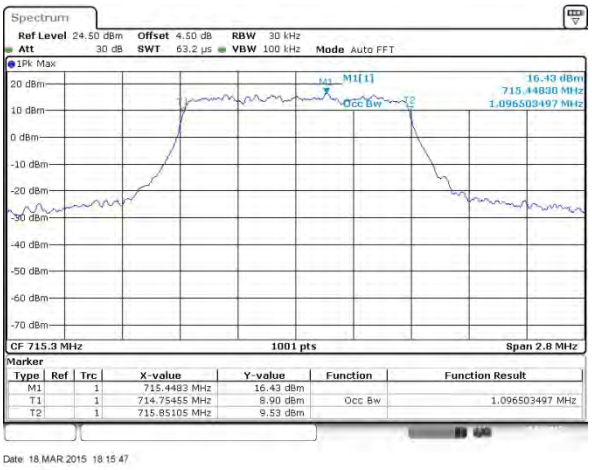

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

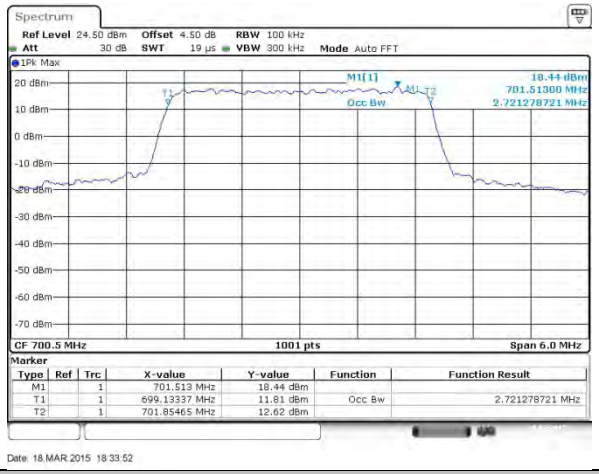



### Highest Channel / 1.4MHz / 16QAM

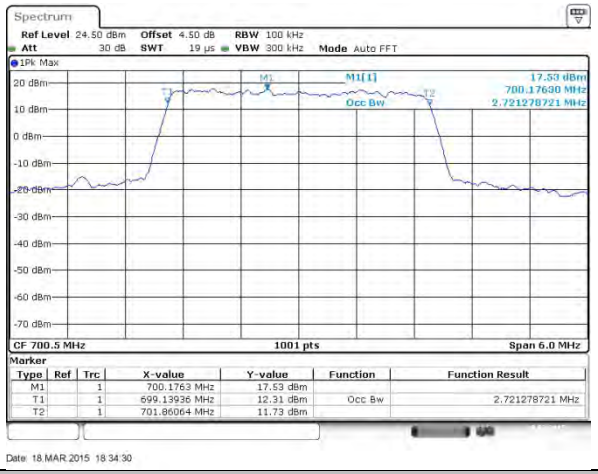


## LTE Band 12

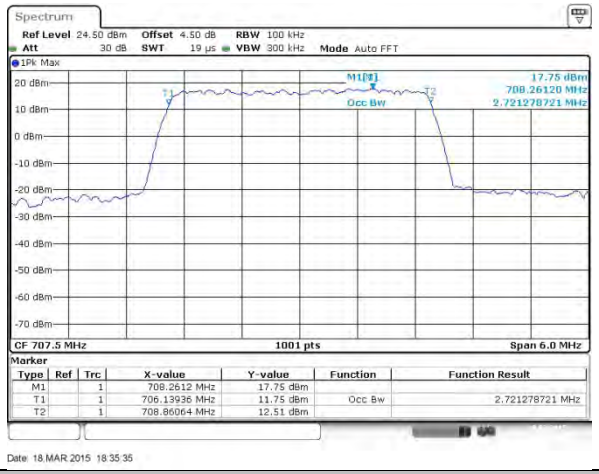
### Lowest Channel / 3MHz / QPSK



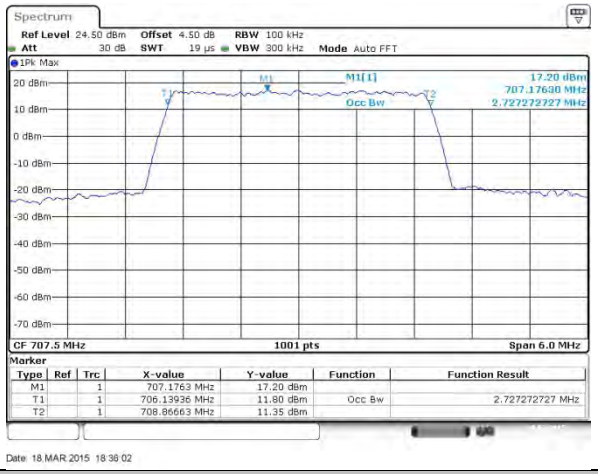

### Lowest Channel / 3MHz / 16QAM



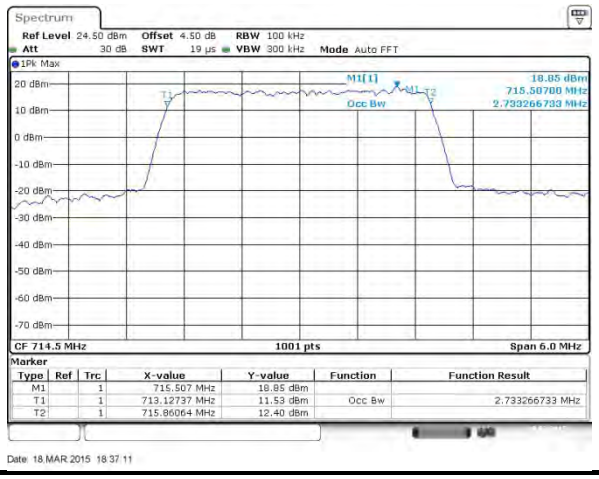

### Middle Channel / 3MHz / QPSK



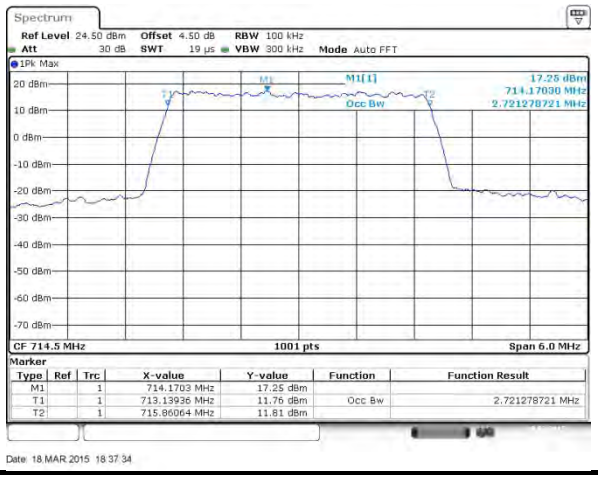

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

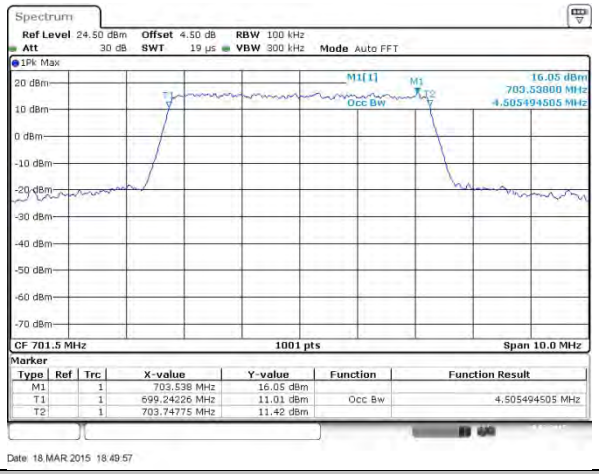



### Highest Channel / 3MHz / 16QAM

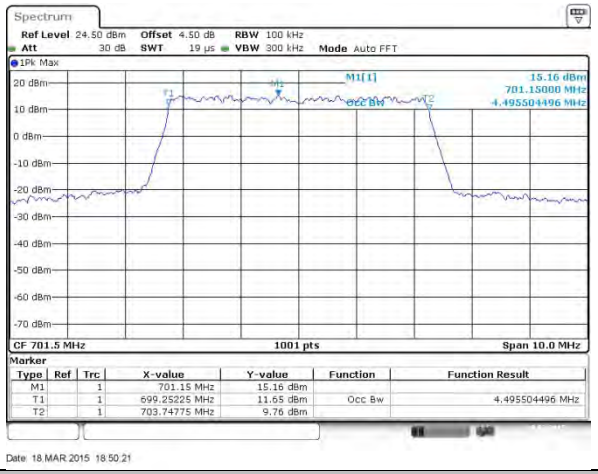


## LTE Band 12

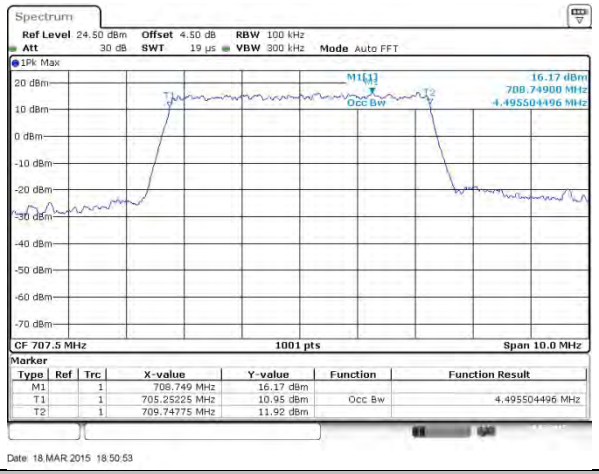
### Lowest Channel / 5MHz / QPSK



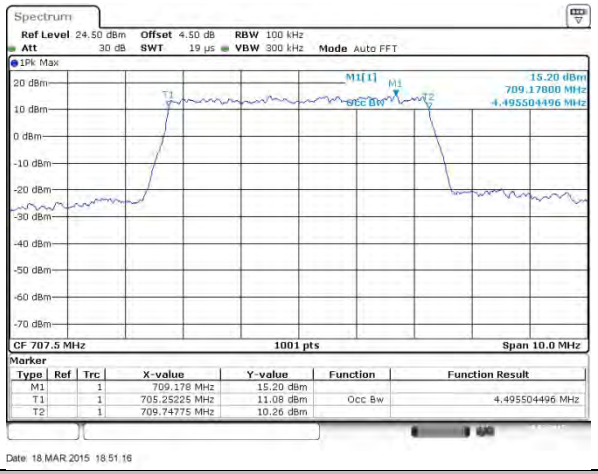

### Lowest Channel / 5MHz / 16QAM



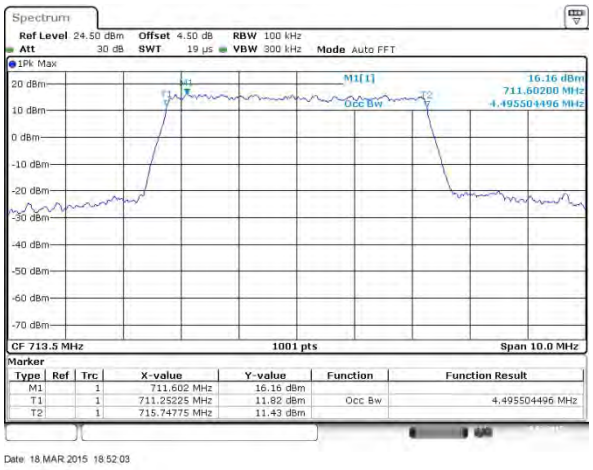

### Middle Channel / 5MHz / QPSK



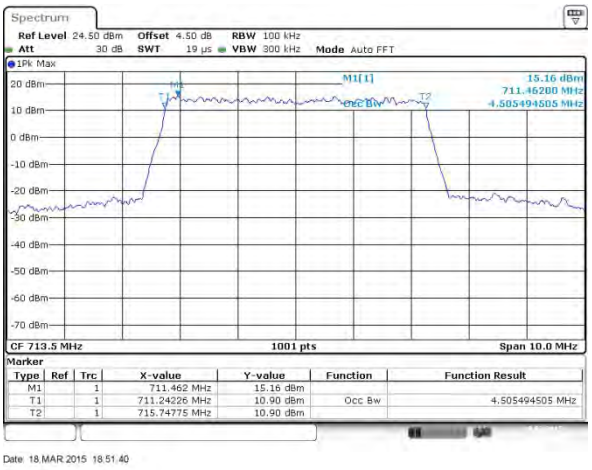

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

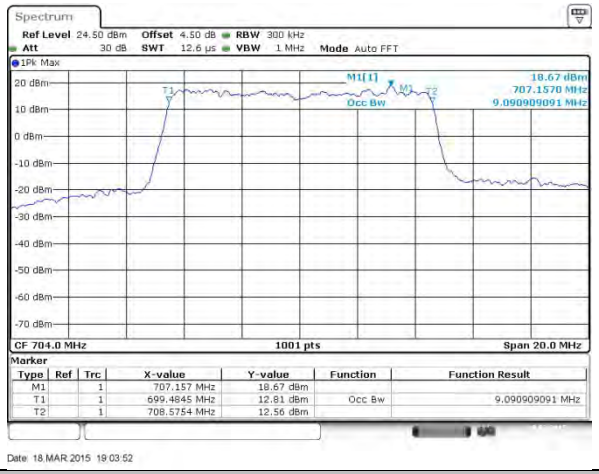



### Highest Channel / 5MHz / 16QAM

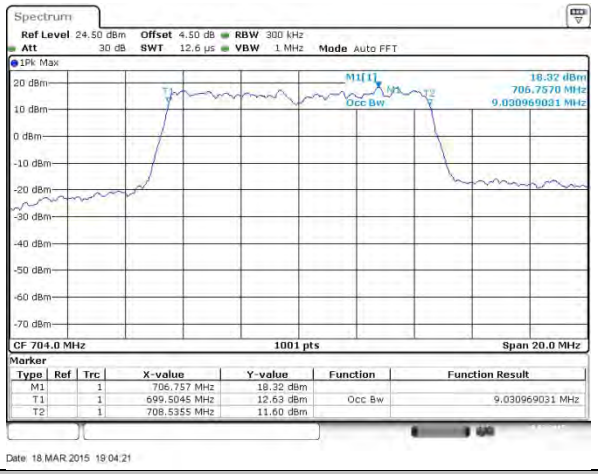


## LTE Band 12

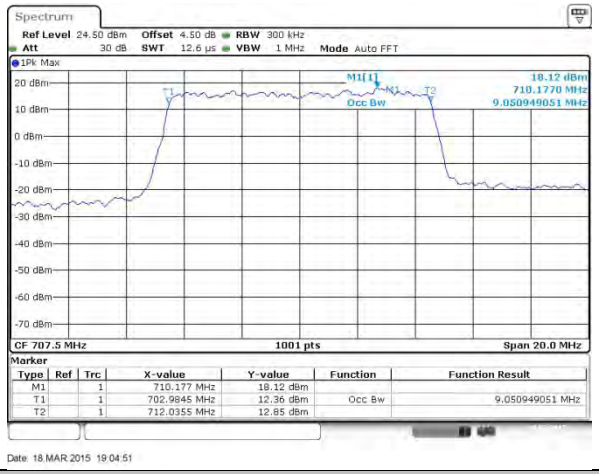
### Lowest Channel / 10MHz / QPSK



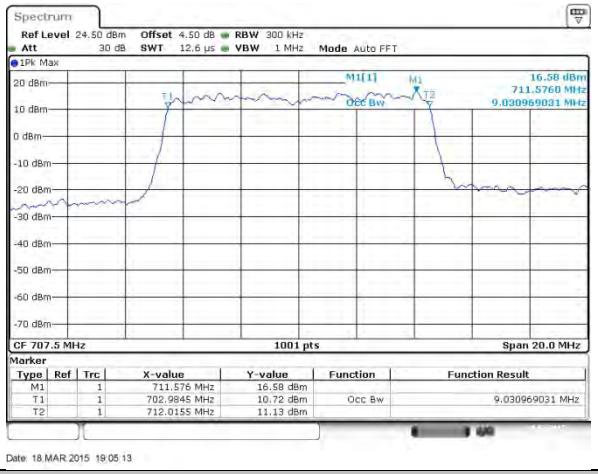

### Lowest Channel / 10MHz / 16QAM



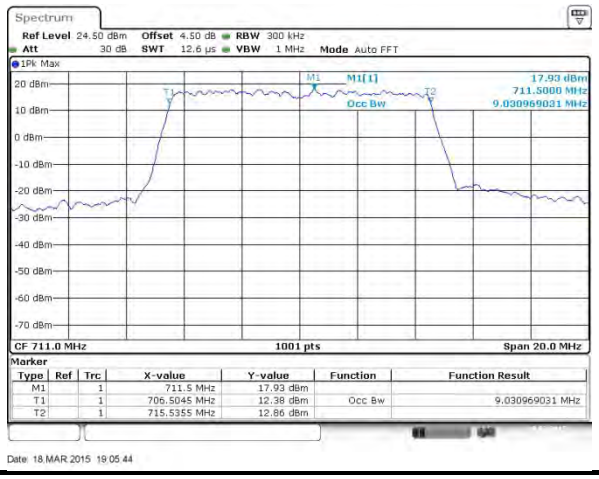

### Middle Channel / 10MHz / QPSK



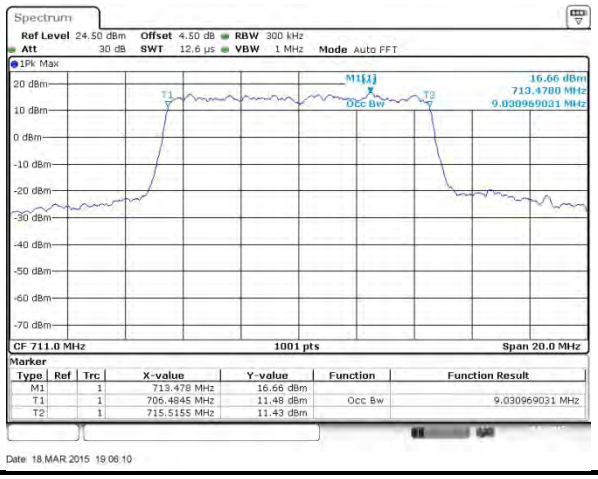

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK



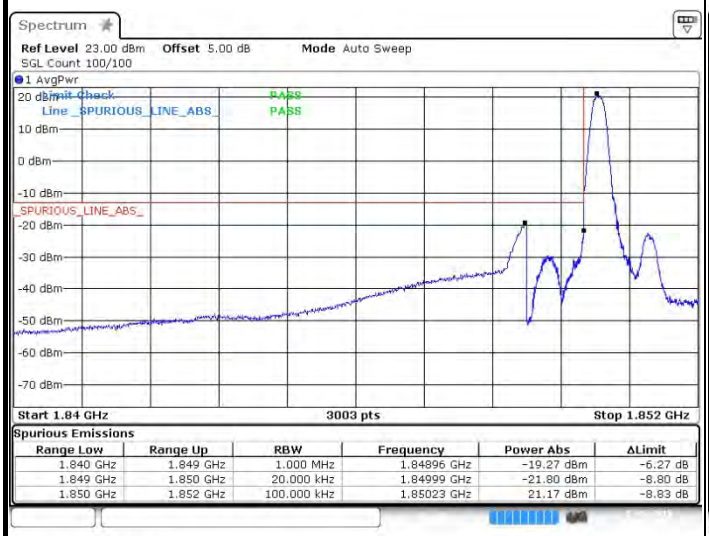

### Highest Channel / 10MHz / 16QAM



# Conducted Band Edge

## LTE Band 2 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

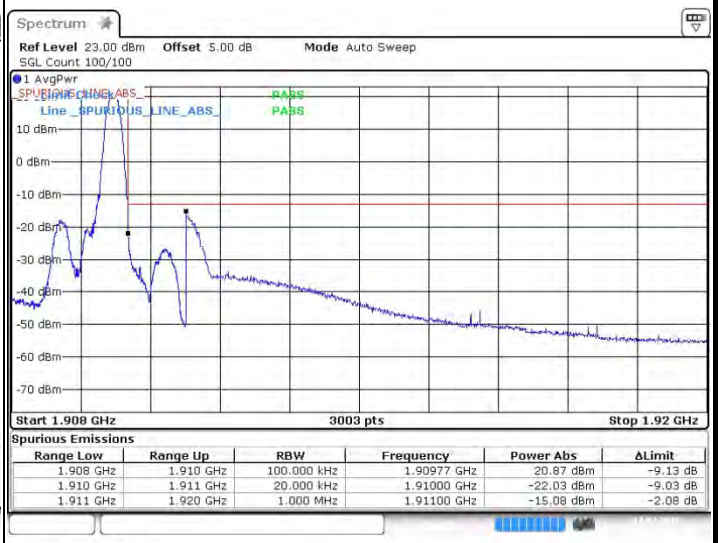



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84896 GHz | -19.27 dBm | -6.27 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.84999 GHz | -21.80 dBm | -8.80 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85023 GHz | 21.17 dBm | -8.83 dB |

Date: 17.MAR.2015 11:27:41

### Highest Band Edge / 1RB

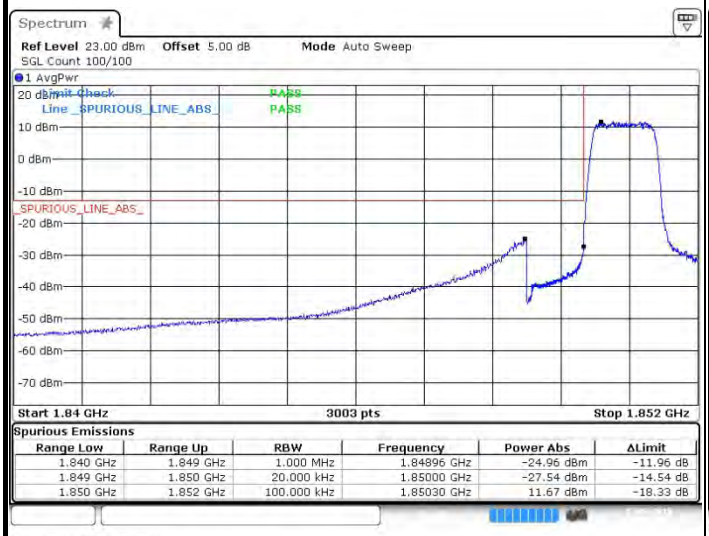



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90977 GHz | 20.87 dBm | -9.13 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91000 GHz | -22.03 dBm | -9.03 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91100 GHz | -15.08 dBm | -2.08 dB |

Date: 17.MAR.2015 11:39:09

### Lowest Band Edge / Full RB

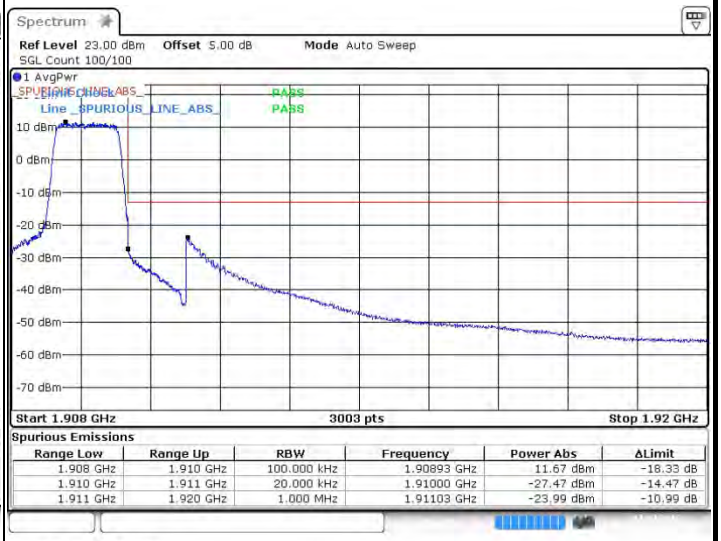



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84896 GHz | -24.96 dBm | -11.96 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.85000 GHz | -27.54 dBm | -14.54 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85030 GHz | 11.67 dBm | -18.33 dB |

Date: 17.MAR.2015 11:37:55

### Highest Band Edge / Full RB



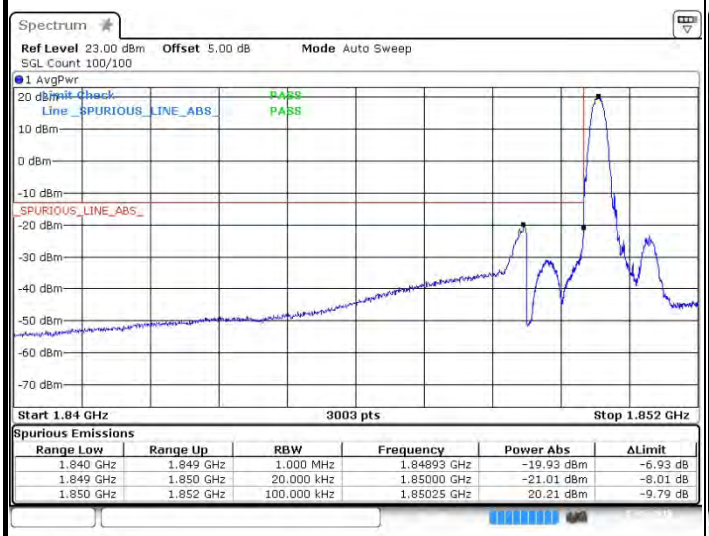

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90893 GHz | 11.67 dBm | -18.33 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91000 GHz | -27.47 dBm | -14.47 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91103 GHz | -23.99 dBm | -10.99 dB |

Date: 17.MAR.2015 11:43:37

## LTE Band 2 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

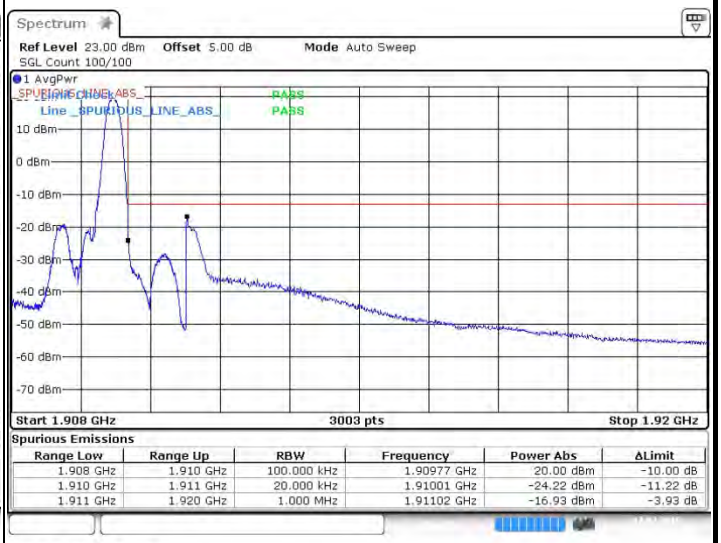



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84893 GHz | -19.93 dBm | -6.93 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.85000 GHz | -21.01 dBm | -8.01 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85025 GHz | 20.21 dBm | -9.79 dB |

Date: 17.MAR.2015 11:28:56

### Highest Band Edge / 1 RB

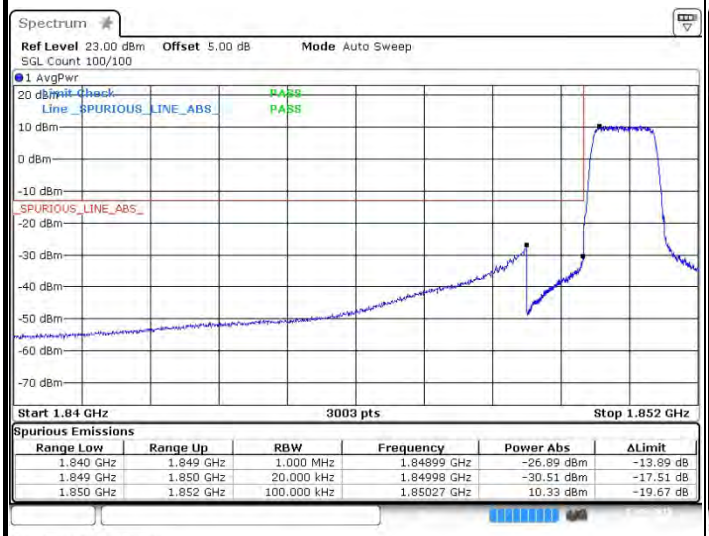



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90977 GHz | 20.00 dBm | -10.00 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91001 GHz | -24.22 dBm | -11.22 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91102 GHz | -16.93 dBm | -3.93 dB |

Date: 17.MAR.2015 11:40:29

### Lowest Band Edge / Full RB

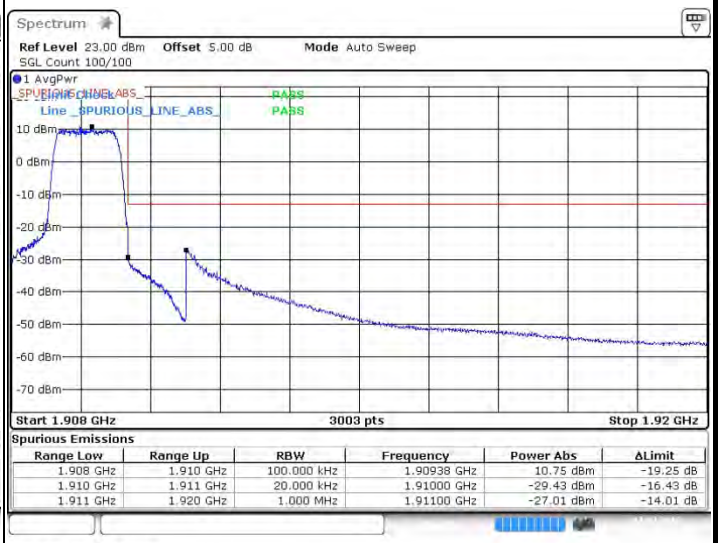



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84899 GHz | -26.89 dBm | -13.89 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.84998 GHz | -30.51 dBm | -17.51 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85027 GHz | 10.33 dBm | -19.67 dB |

Date: 17.MAR.2015 11:32:02

### Highest Band Edge / Full RB



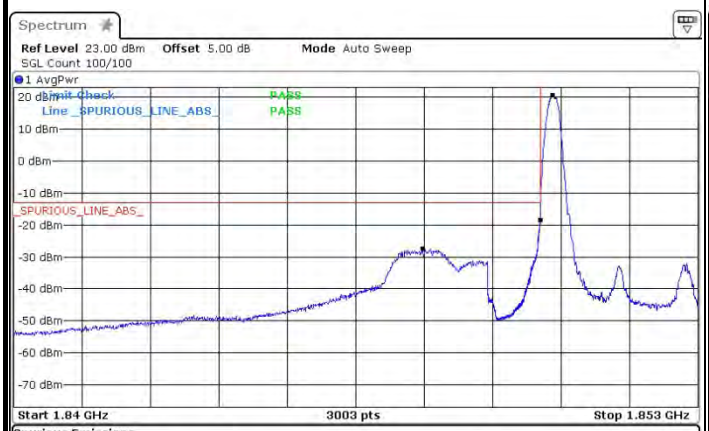

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90938 GHz | 10.75 dBm | -19.25 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91000 GHz | -29.43 dBm | -16.43 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91100 GHz | -27.01 dBm | -14.01 dB |

Date: 17.MAR.2015 11:42:19

## LTE Band 2 / 3MHz / QPSK

### Lowest Band Edge / 1RB

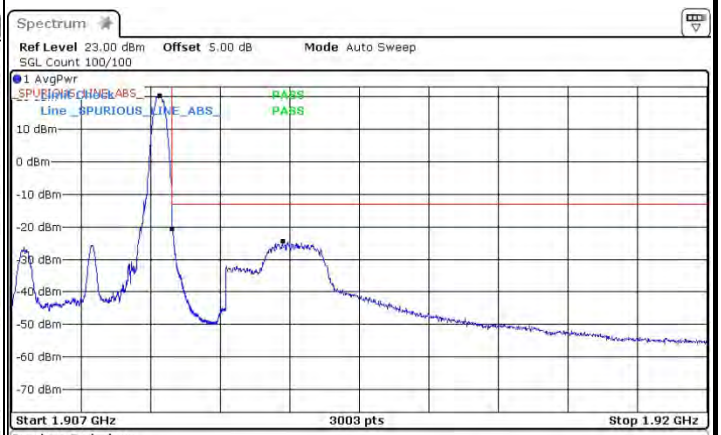



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84776 GHz | -27.40 dBm | -14.40 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -18.51 dBm | -5.51 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85023 GHz | 20.60 dBm | -9.40 dB |

Date: 17.MAR.2015 11:18:28

### Highest Band Edge / 1 RB

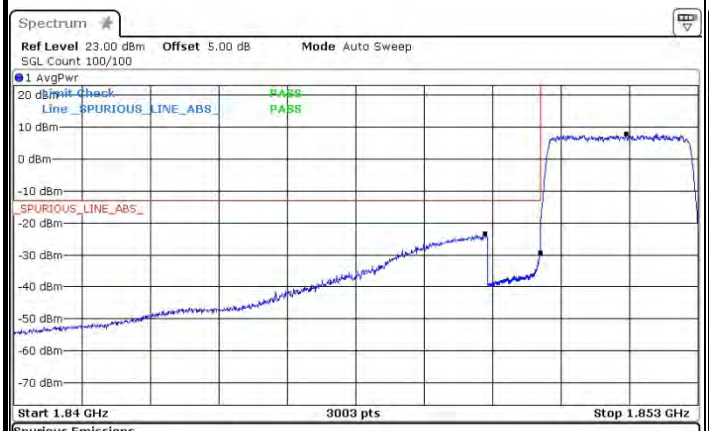



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90976 GHz | 20.36 dBm | -9.64 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91000 GHz | -20.74 dBm | -7.74 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91207 GHz | -24.56 dBm | -11.56 dB |

Date: 17.MAR.2015 11:21:54

### Lowest Band Edge / Full RB

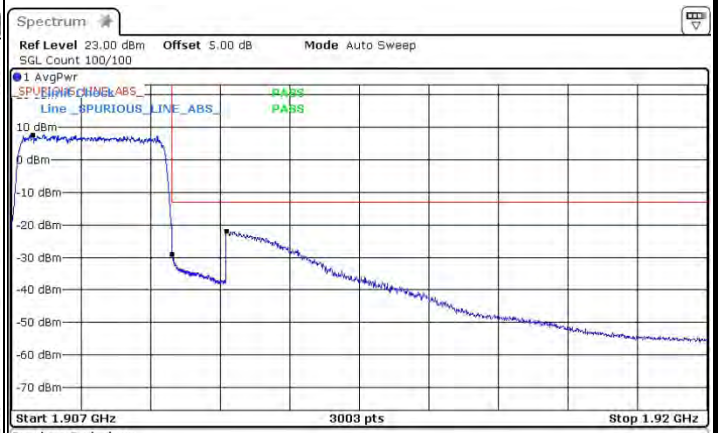



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84895 GHz | -23.30 dBm | -10.30 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -29.43 dBm | -16.43 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85163 GHz | 7.75 dBm | -22.25 dB |

Date: 17.MAR.2015 11:21:06

### Highest Band Edge / Full RB



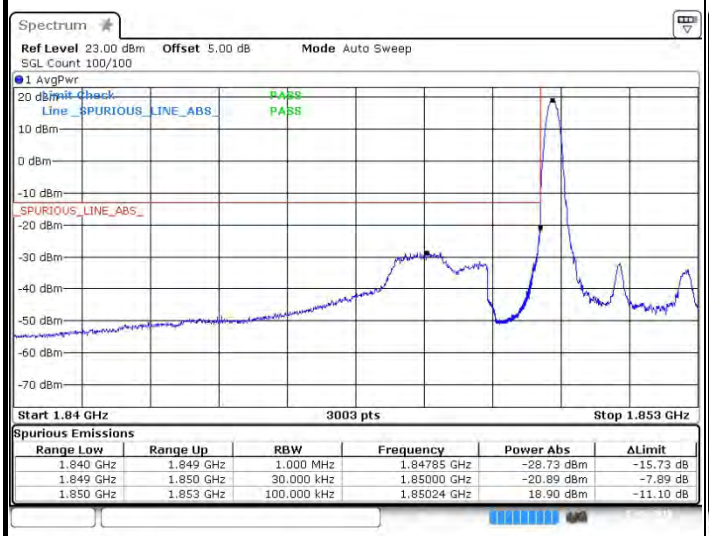

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90739 GHz | 7.68 dBm | -22.32 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91000 GHz | -28.98 dBm | -15.98 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91102 GHz | -21.86 dBm | -8.86 dB |

Date: 17.MAR.2015 11:24:25

## LTE Band 2 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

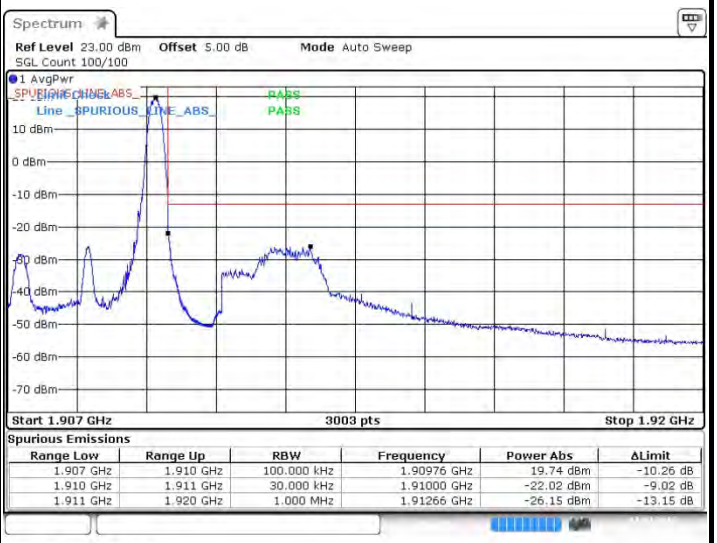



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84785 GHz | -28.73 dBm | -15.73 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -20.89 dBm | -7.89 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85024 GHz | 18.90 dBm | -11.10 dB |

Date: 17.MAR.2015 11:19:20

### Highest Band Edge /1 RB

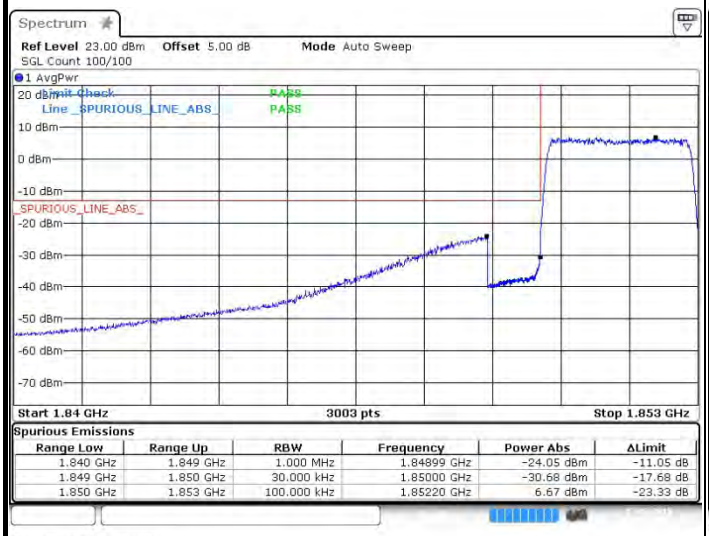



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90976 GHz | 19.74 dBm | -10.26 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91000 GHz | -22.02 dBm | -9.02 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91266 GHz | -26.15 dBm | -13.15 dB |

Date: 17.MAR.2015 11:26:01

### Lowest Band Edge / Full RB

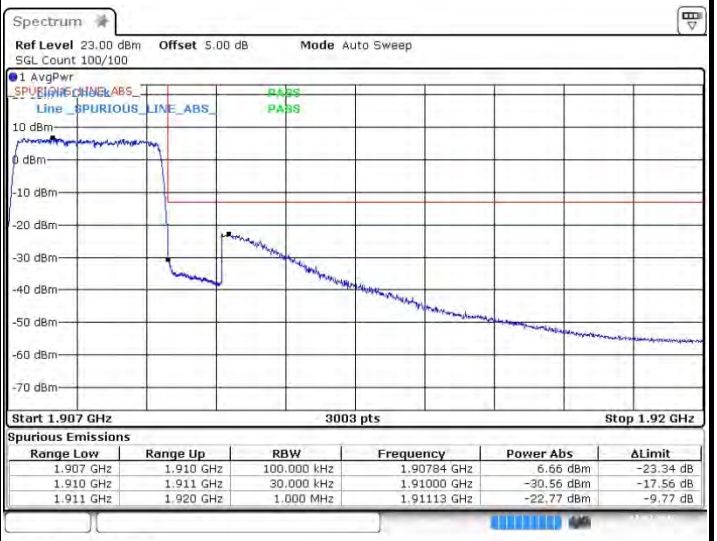



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84899 GHz | -24.05 dBm | -11.05 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -30.68 dBm | -17.68 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85220 GHz | 6.67 dBm | -23.33 dB |

Date: 17.MAR.2015 11:20:12

### Highest Band Edge / Full RB



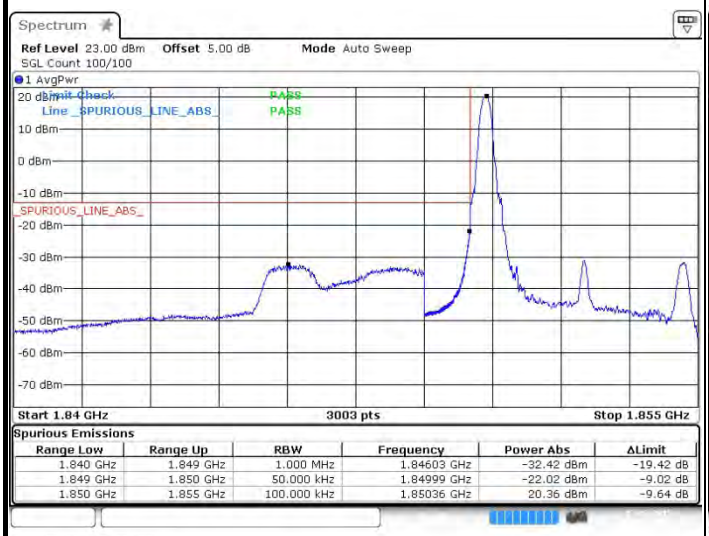

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90784 GHz | 6.66 dBm | -23.34 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91000 GHz | -30.56 dBm | -17.56 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91113 GHz | -22.77 dBm | -9.77 dB |

Date: 17.MAR.2015 11:23:38

## LTE Band 2 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

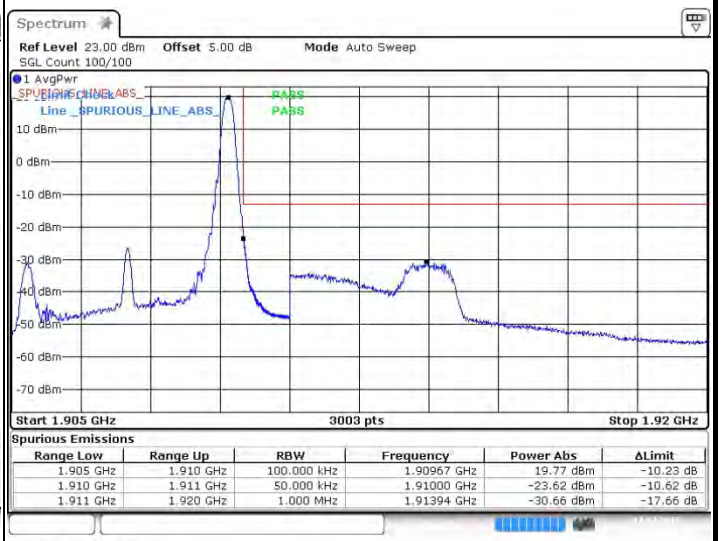



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84603 GHz | -32.42 dBm | -19.42 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.84999 GHz | -22.02 dBm | -9.02 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85036 GHz | 20.36 dBm | -9.64 dB |

Date: 17.MAR.2015 11:12:12

### Highest Band Edge / 1 RB

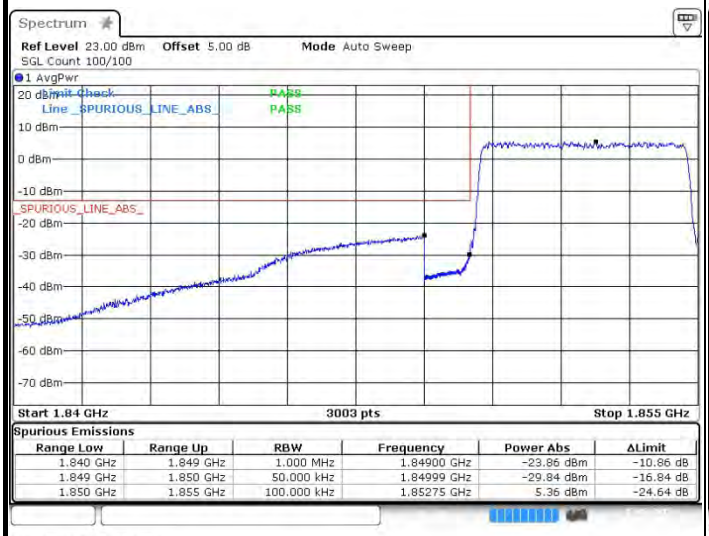



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90967 GHz | 19.77 dBm | -10.23 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -23.62 dBm | -10.62 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91394 GHz | -30.66 dBm | -17.66 dB |

Date: 17.MAR.2015 11:15:01

### Lowest Band Edge / Full RB

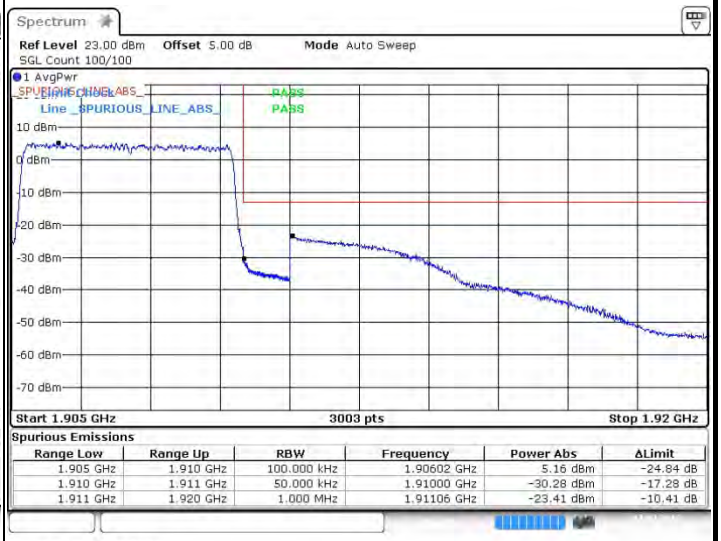



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84900 GHz | -23.86 dBm | -10.86 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.84999 GHz | -29.84 dBm | -16.84 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85275 GHz | 5.36 dBm | -24.64 dB |

Date: 17.MAR.2015 11:14:18

### Highest Band Edge / Full RB



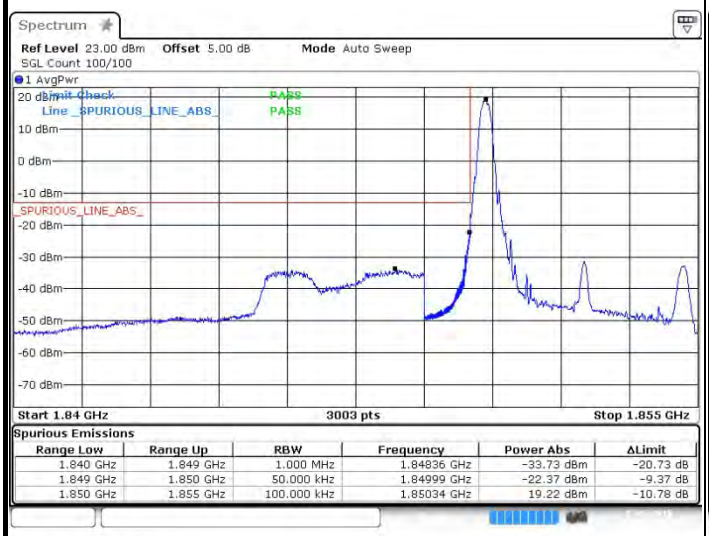

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90602 GHz | 5.16 dBm | -24.84 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -30.28 dBm | -17.28 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91106 GHz | -23.41 dBm | -10.41 dB |

Date: 17.MAR.2015 11:16:27

## LTE Band 2 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

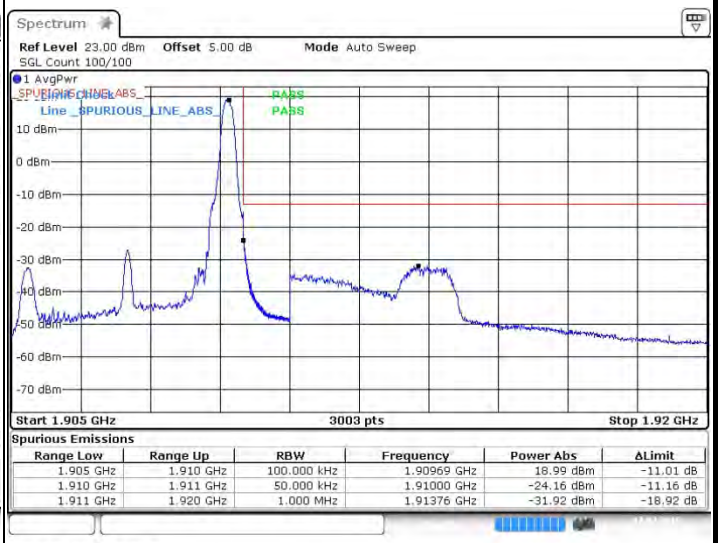



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84836 GHz | -33.73 dBm | -20.73 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.84999 GHz | -22.37 dBm | -9.37 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85034 GHz | 19.22 dBm | -10.78 dB |

Date: 17.MAR.2015 11:12:53

### Highest Band Edge / 1 RB

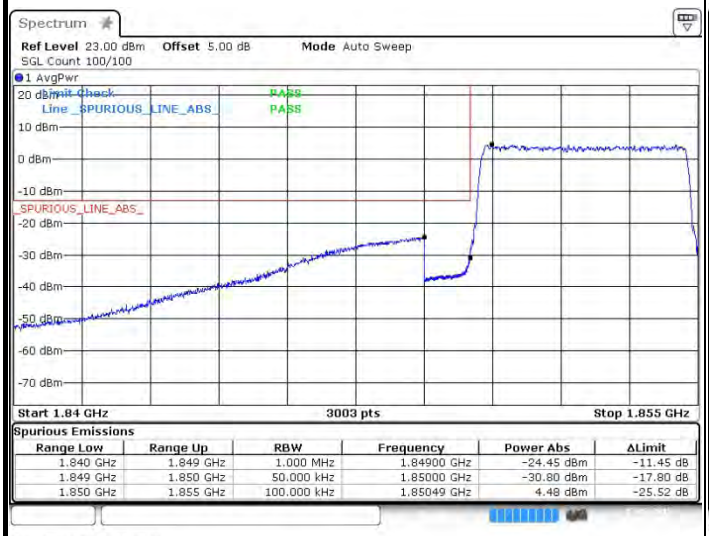



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90969 GHz | 18.99 dBm | -11.01 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -24.16 dBm | -11.16 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91376 GHz | -31.92 dBm | -18.92 dB |

Date: 17.MAR.2015 11:15:30

### Lowest Band Edge / Full RB

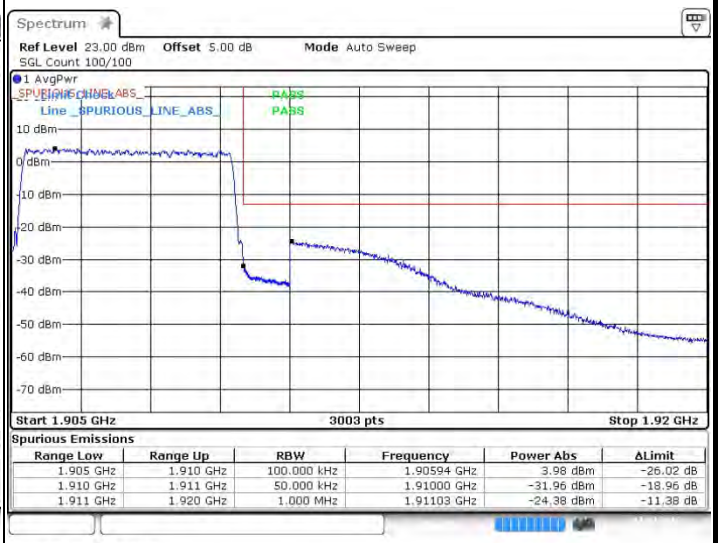



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84900 GHz | -24.45 dBm | -11.45 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.85000 GHz | -30.80 dBm | -17.80 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85049 GHz | 4.48 dBm | -25.52 dB |

Date: 17.MAR.2015 11:13:27

### Highest Band Edge / Full RB



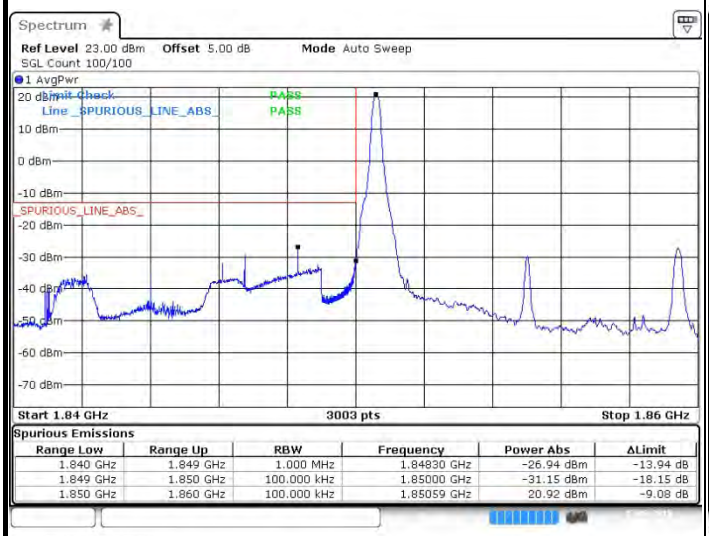

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90594 GHz | 3.98 dBm | -26.02 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -31.96 dBm | -18.96 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91103 GHz | -24.38 dBm | -11.38 dB |

Date: 17.MAR.2015 11:16:03

## LTE Band 2 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

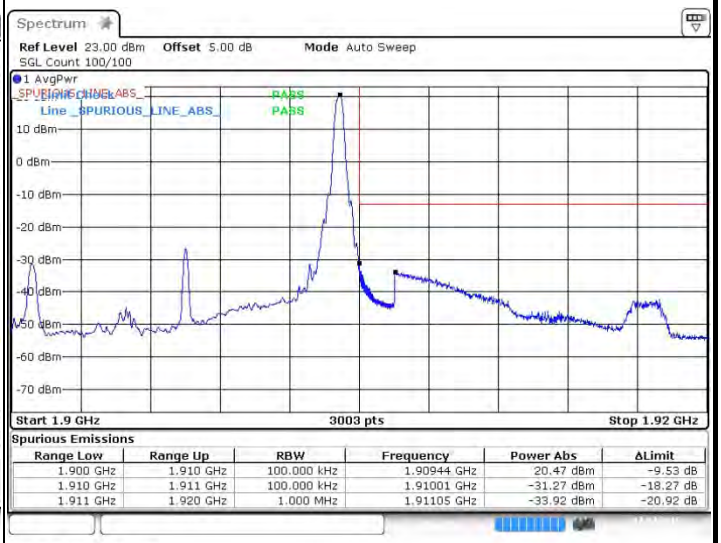



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84830 GHz | -26.94 dBm | -13.94 dB |
| 1.849 GHz | 1.850 GHz | 100.000 kHz | 1.85000 GHz | -31.15 dBm | -18.15 dB |
| 1.850 GHz | 1.860 GHz | 100.000 kHz | 1.85059 GHz | 20.92 dBm | -9.08 dB |

Date: 17.MAR.2015 10:51:19

### Highest Band Edge / 1 RB

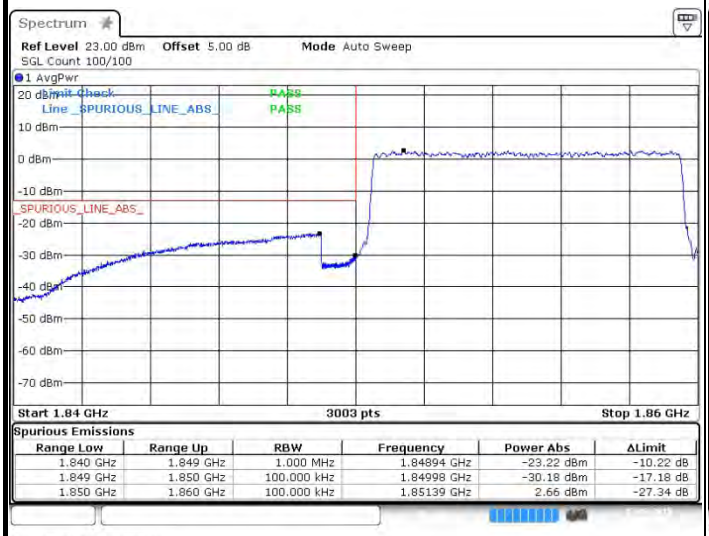



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.900 GHz | 1.910 GHz | 100.000 kHz | 1.90944 GHz | 20.47 dBm | -9.53 dB |
| 1.910 GHz | 1.911 GHz | 100.000 kHz | 1.91001 GHz | -31.27 dBm | -18.27 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91105 GHz | -33.92 dBm | -20.92 dB |

Date: 17.MAR.2015 10:53:15

### Lowest Band Edge / Full RB

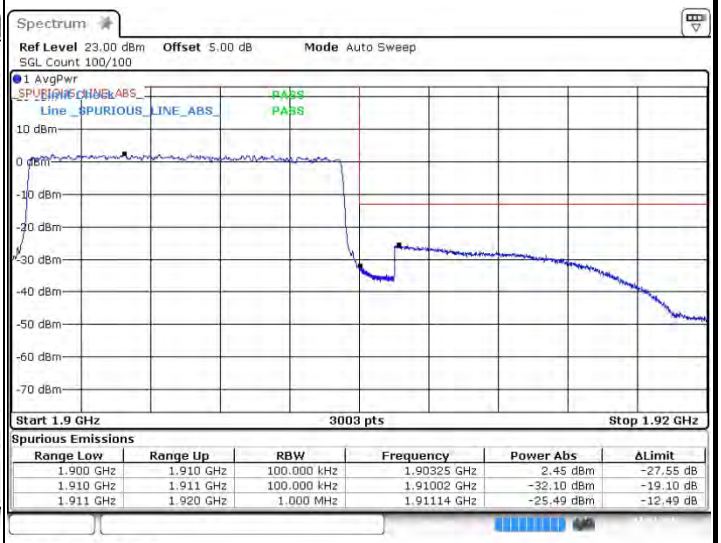



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84894 GHz | -23.22 dBm | -10.22 dB |
| 1.849 GHz | 1.850 GHz | 100.000 kHz | 1.84998 GHz | -30.18 dBm | -17.18 dB |
| 1.850 GHz | 1.860 GHz | 100.000 kHz | 1.85139 GHz | 2.66 dBm | -27.34 dB |

Date: 17.MAR.2015 10:52:46

### Highest Band Edge / Full RB



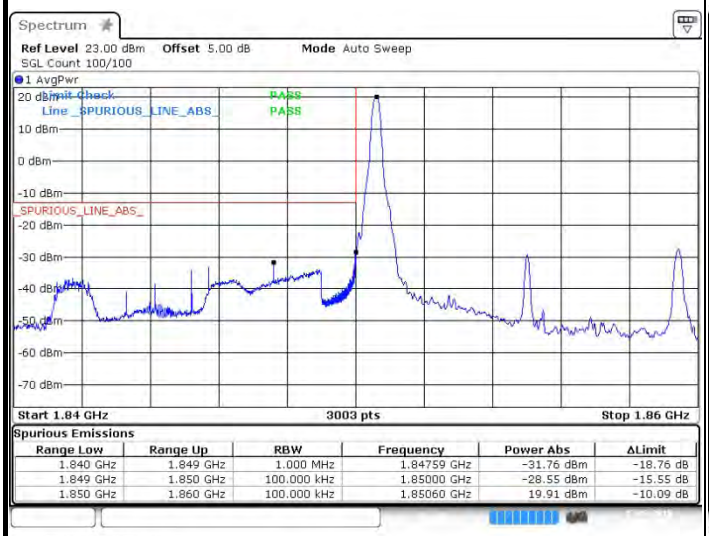

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.900 GHz | 1.910 GHz | 100.000 kHz | 1.90325 GHz | 2.45 dBm | -27.55 dB |
| 1.910 GHz | 1.911 GHz | 100.000 kHz | 1.91002 GHz | -32.10 dBm | -19.10 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91114 GHz | -25.49 dBm | -12.49 dB |

Date: 17.MAR.2015 11:11:05

## LTE Band 2 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

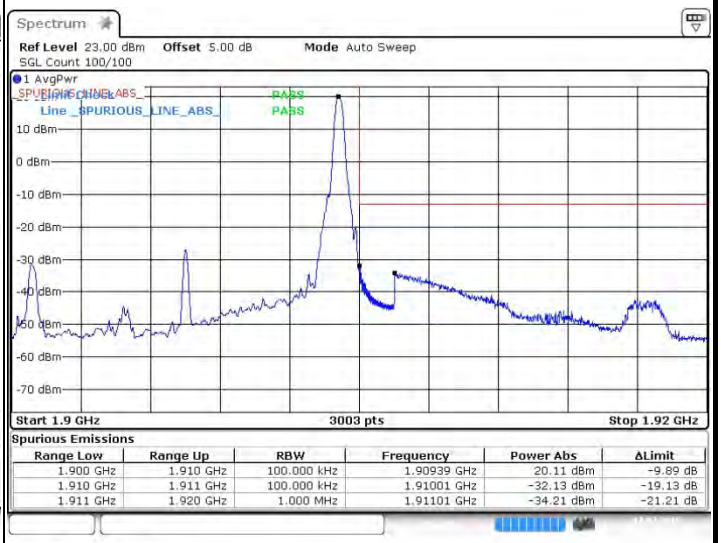



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84759 GHz | -31.76 dBm | -18.76 dB |
| 1.849 GHz | 1.850 GHz | 100.000 kHz | 1.85000 GHz | -28.55 dBm | -15.55 dB |
| 1.850 GHz | 1.860 GHz | 100.000 kHz | 1.85060 GHz | 19.91 dBm | -10.09 dB |

Date: 17.MAR.2015 10:51:44

### Highest Band Edge / 1 RB

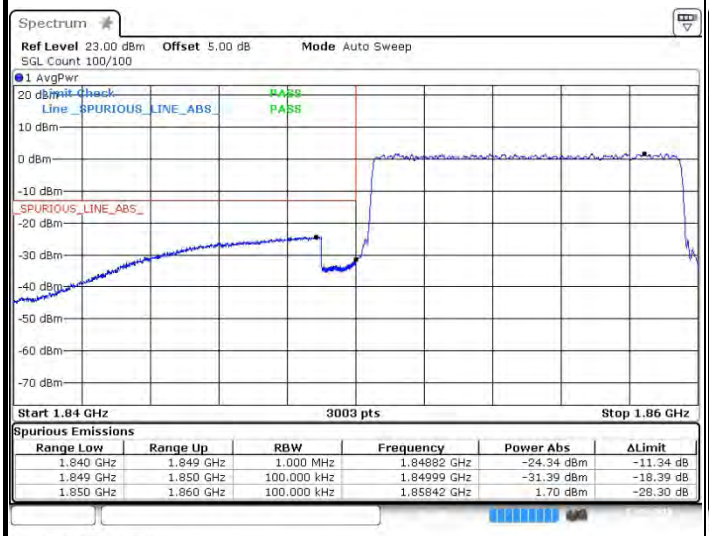



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.900 GHz | 1.910 GHz | 100.000 kHz | 1.90939 GHz | 20.11 dBm | -9.89 dB |
| 1.910 GHz | 1.911 GHz | 100.000 kHz | 1.91001 GHz | -32.13 dBm | -19.13 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91101 GHz | -34.21 dBm | -21.21 dB |

Date: 17.MAR.2015 10:53:49

### Lowest Band Edge / Full RB

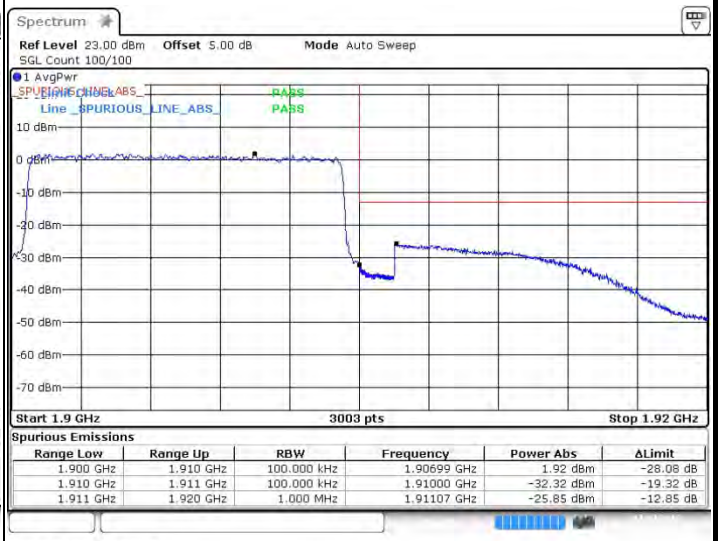



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84882 GHz | -24.34 dBm | -11.34 dB |
| 1.849 GHz | 1.850 GHz | 100.000 kHz | 1.84999 GHz | -31.39 dBm | -18.39 dB |
| 1.850 GHz | 1.860 GHz | 100.000 kHz | 1.85842 GHz | 1.70 dBm | -28.30 dB |

Date: 17.MAR.2015 10:52:19

### Highest Band Edge / Full RB



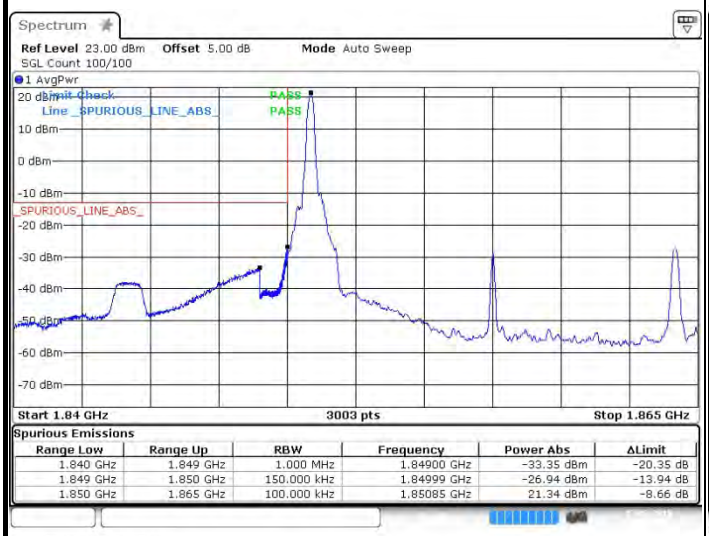

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.900 GHz | 1.910 GHz | 100.000 kHz | 1.90699 GHz | 1.92 dBm | -28.08 dB |
| 1.910 GHz | 1.911 GHz | 100.000 kHz | 1.91000 GHz | -32.32 dBm | -19.32 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91107 GHz | -25.85 dBm | -12.85 dB |

Date: 17.MAR.2015 10:59:05

## LTE Band 2 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

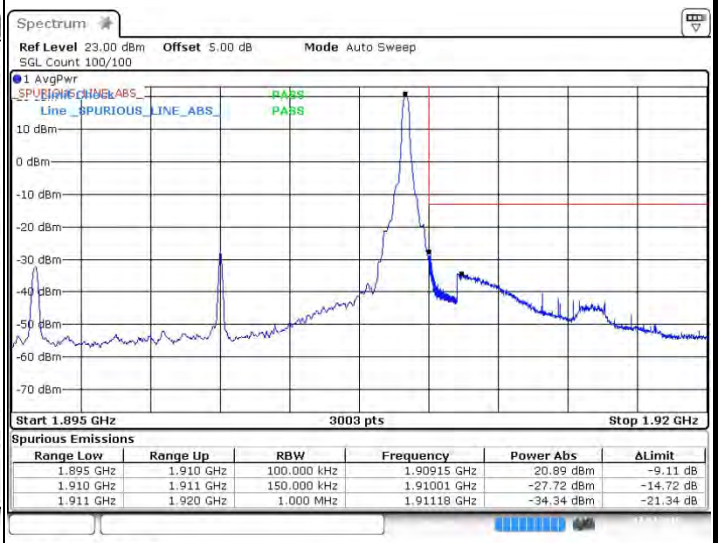



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84900 GHz | -33.35 dBm | -20.35 dB |
| 1.849 GHz | 1.850 GHz | 150.000 kHz | 1.84999 GHz | -26.94 dBm | -13.94 dB |
| 1.850 GHz | 1.865 GHz | 100.000 kHz | 1.85085 GHz | 21.34 dBm | -8.66 dB |

Date: 17.MAR.2015 10:45:20

### Highest Band Edge / 1 RB

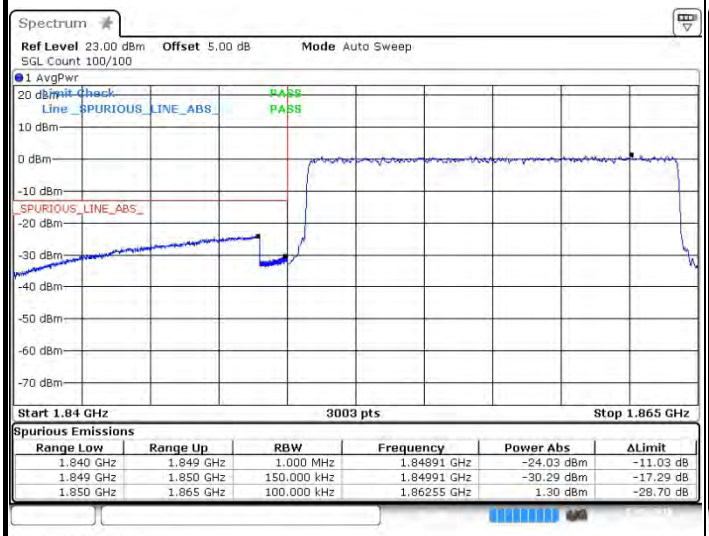



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.895 GHz | 1.910 GHz | 100.000 kHz | 1.90915 GHz | 20.89 dBm | -9.11 dB |
| 1.910 GHz | 1.911 GHz | 150.000 kHz | 1.91001 GHz | -27.72 dBm | -14.72 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91118 GHz | -34.34 dBm | -21.34 dB |

Date: 17.MAR.2015 10:48:30

### Lowest Band Edge / Full RB

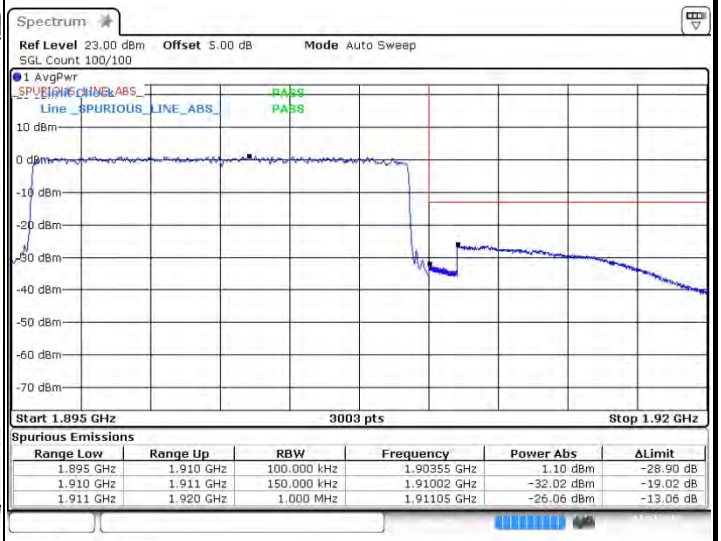



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84891 GHz | -24.03 dBm | -11.03 dB |
| 1.849 GHz | 1.850 GHz | 150.000 kHz | 1.84991 GHz | -30.29 dBm | -17.29 dB |
| 1.850 GHz | 1.865 GHz | 100.000 kHz | 1.86255 GHz | 1.30 dBm | -28.70 dB |

Date: 17.MAR.2015 10:47:16

### Highest Band Edge / Full RB



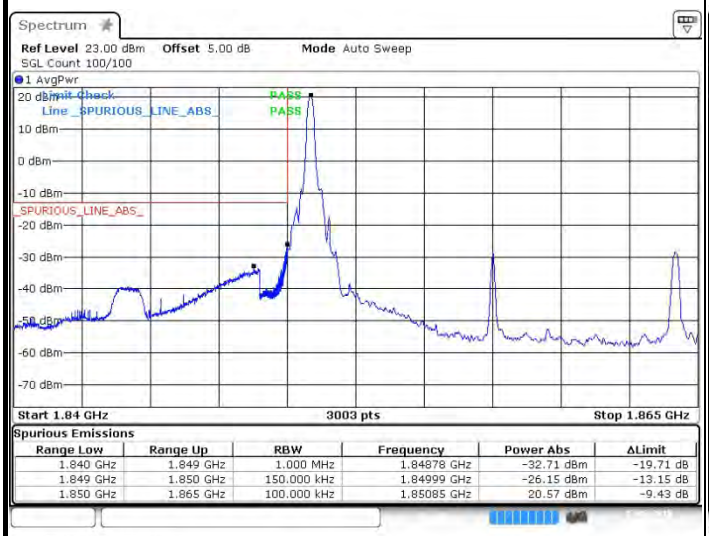

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.895 GHz | 1.910 GHz | 100.000 kHz | 1.90355 GHz | 1.10 dBm | -28.90 dB |
| 1.910 GHz | 1.911 GHz | 150.000 kHz | 1.91002 GHz | -32.02 dBm | -19.02 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91105 GHz | -26.06 dBm | -13.06 dB |

Date: 17.MAR.2015 10:50:22

## LTE Band 2 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

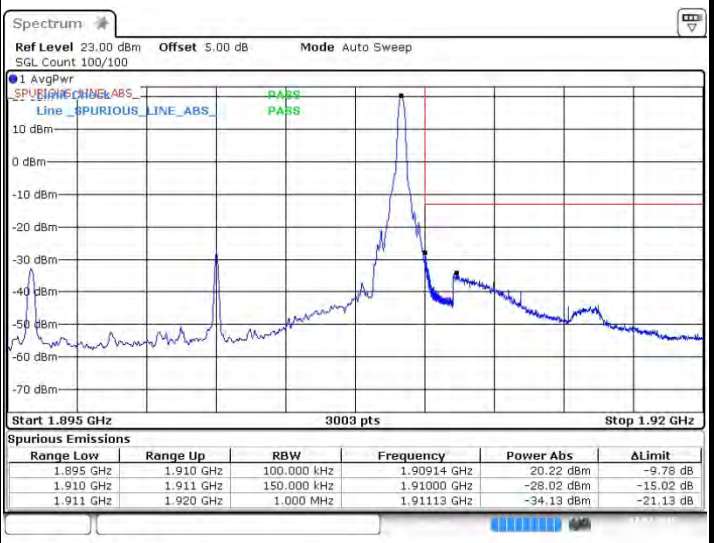



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84878 GHz | -32.71 dBm | -19.71 dB |
| 1.849 GHz | 1.850 GHz | 150.000 kHz | 1.84999 GHz | -26.15 dBm | -13.15 dB |
| 1.850 GHz | 1.865 GHz | 100.000 kHz | 1.85085 GHz | 20.57 dBm | -9.43 dB |

Date: 17.MAR.2015 10:45:49

### Highest Band Edge / 1 RB

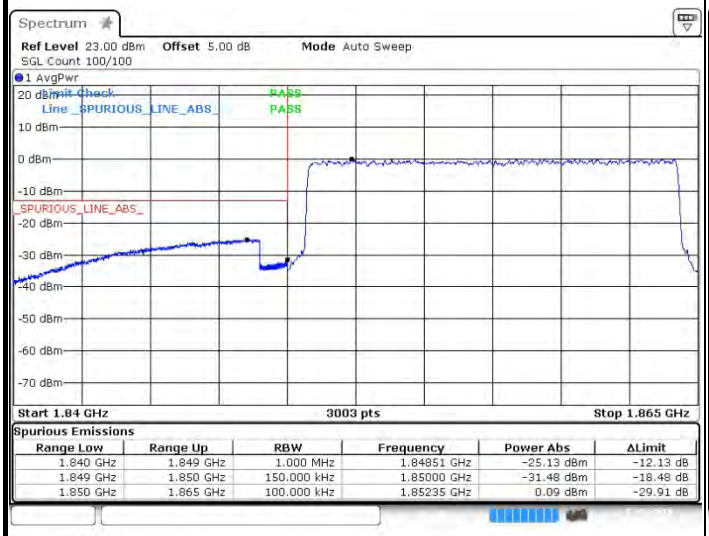



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.895 GHz | 1.910 GHz | 100.000 kHz | 1.90914 GHz | 20.22 dBm | -9.78 dB |
| 1.910 GHz | 1.911 GHz | 150.000 kHz | 1.91000 GHz | -28.02 dBm | -15.02 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91113 GHz | -34.13 dBm | -21.13 dB |

Date: 17.MAR.2015 10:49:04

### Lowest Band Edge / Full RB

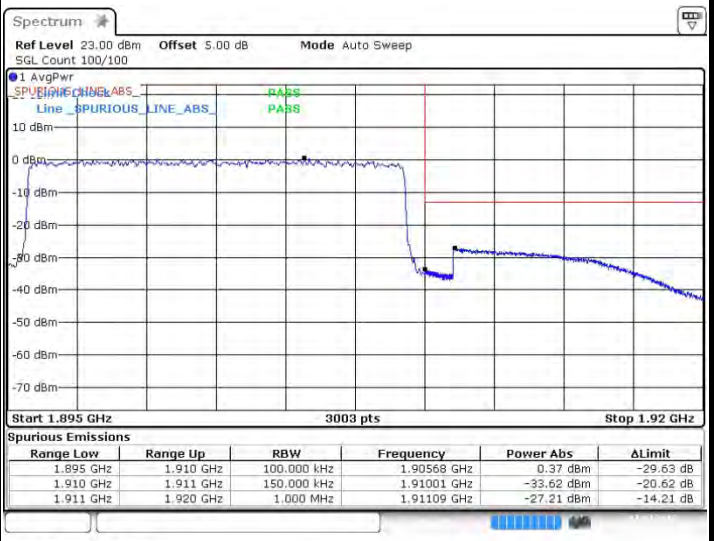



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84851 GHz | -25.13 dBm | -12.13 dB |
| 1.849 GHz | 1.850 GHz | 150.000 kHz | 1.85000 GHz | -31.48 dBm | -18.48 dB |
| 1.850 GHz | 1.865 GHz | 100.000 kHz | 1.85235 GHz | 0.09 dBm | -29.91 dB |

Date: 17.MAR.2015 10:46:25

### Highest Band Edge / Full RB



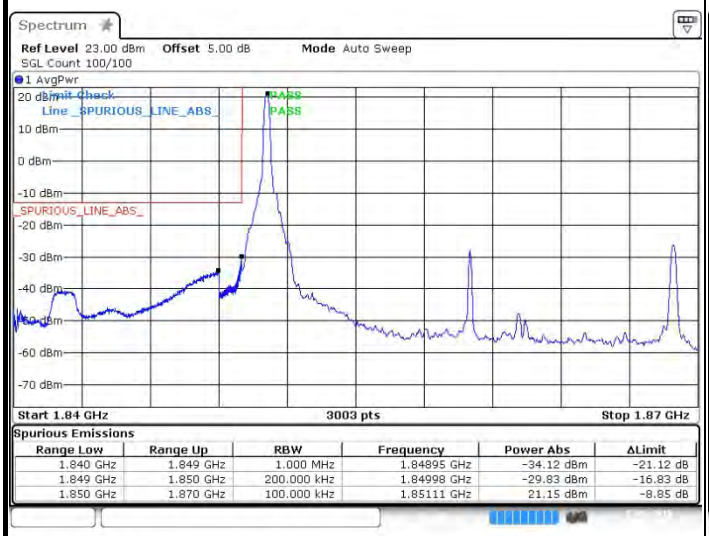

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.895 GHz | 1.910 GHz | 100.000 kHz | 1.90568 GHz | 0.37 dBm | -29.63 dB |
| 1.910 GHz | 1.911 GHz | 150.000 kHz | 1.91001 GHz | -33.62 dBm | -20.62 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91109 GHz | -27.21 dBm | -14.21 dB |

Date: 17.MAR.2015 10:49:31

## LTE Band 2 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

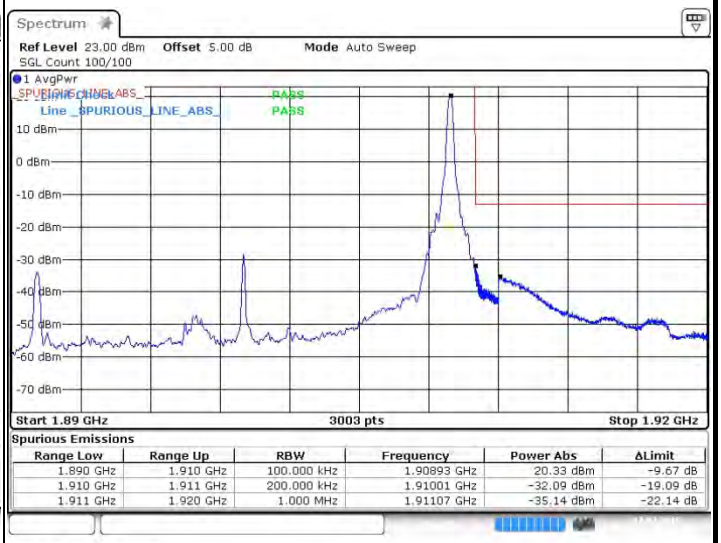



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84895 GHz | -34.12 dBm | -21.12 dB |
| 1.849 GHz | 1.850 GHz | 200.000 kHz | 1.84998 GHz | -29.83 dBm | -16.83 dB |
| 1.850 GHz | 1.870 GHz | 100.000 kHz | 1.85111 GHz | 21.15 dBm | -8.85 dB |

Date: 17.MAR.2015 10:40:58

### Highest Band Edge / 1 RB

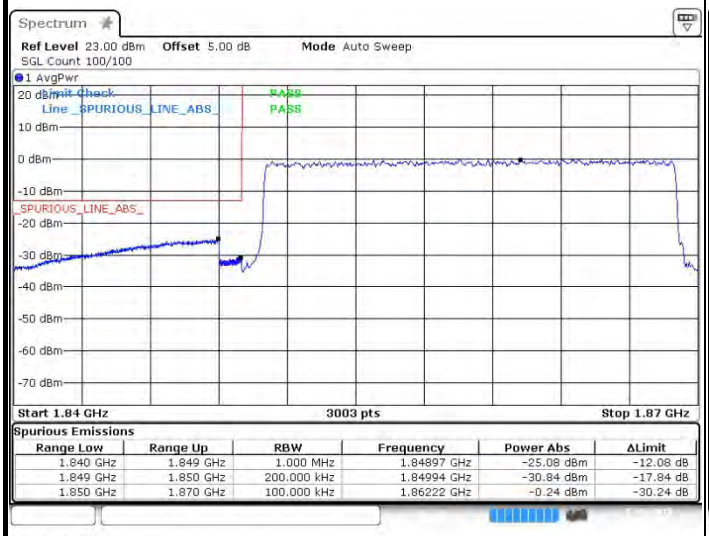



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.890 GHz | 1.910 GHz | 100.000 kHz | 1.90893 GHz | 20.33 dBm | -9.67 dB |
| 1.910 GHz | 1.911 GHz | 200.000 kHz | 1.91001 GHz | -32.09 dBm | -19.09 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91107 GHz | -35.14 dBm | -22.14 dB |

Date: 17.MAR.2015 10:43:02

### Lowest Band Edge / Full RB

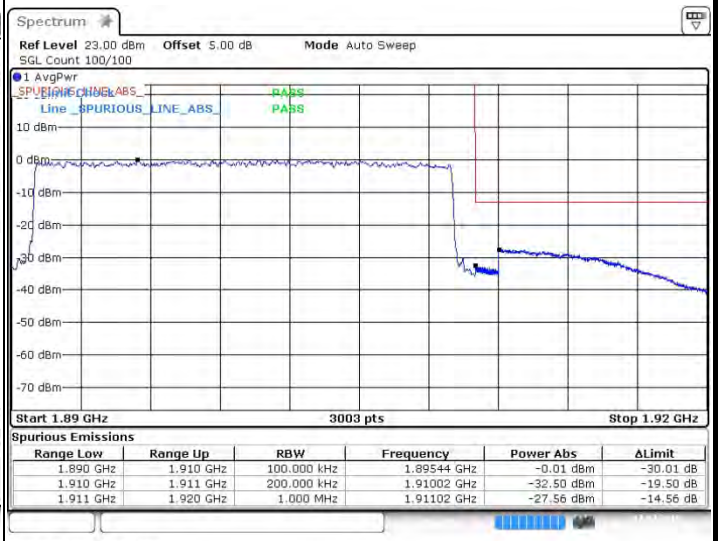



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84897 GHz | -25.08 dBm | -12.08 dB |
| 1.849 GHz | 1.850 GHz | 200.000 kHz | 1.84994 GHz | -30.84 dBm | -17.84 dB |
| 1.850 GHz | 1.870 GHz | 100.000 kHz | 1.86222 GHz | -0.24 dBm | -30.24 dB |

Date: 17.MAR.2015 10:42:25

### Highest Band Edge / Full RB



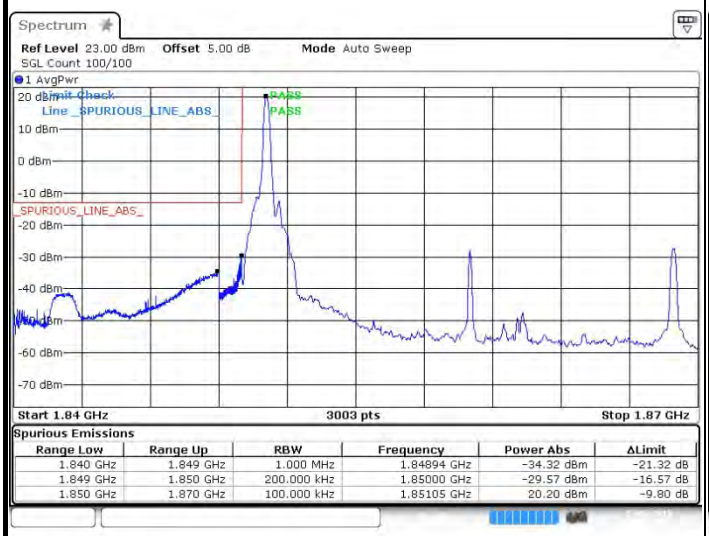

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.890 GHz | 1.910 GHz | 100.000 kHz | 1.89544 GHz | -0.01 dBm | -30.01 dB |
| 1.910 GHz | 1.911 GHz | 200.000 kHz | 1.91002 GHz | -32.50 dBm | -19.50 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91102 GHz | -27.56 dBm | -14.56 dB |

Date: 17.MAR.2015 10:44:17

## LTE Band 2 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

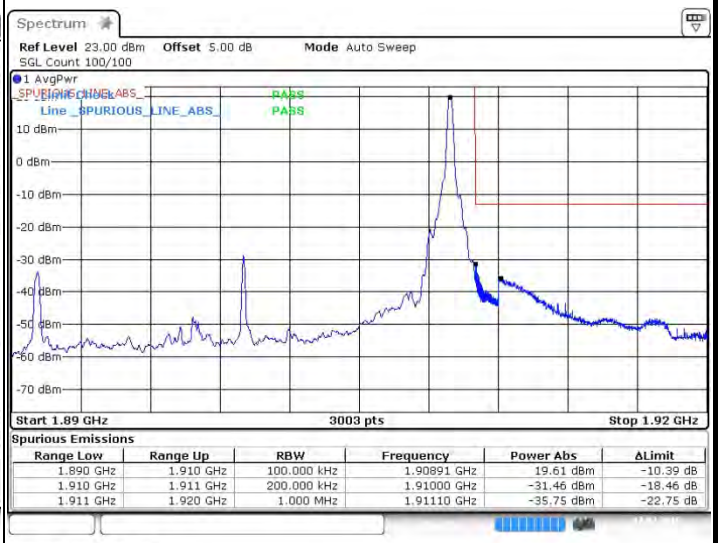



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84894 GHz | -34.32 dBm | -21.32 dB |
| 1.849 GHz | 1.850 GHz | 200.000 kHz | 1.85000 GHz | -29.57 dBm | -16.57 dB |
| 1.850 GHz | 1.870 GHz | 100.000 kHz | 1.85105 GHz | 20.20 dBm | -9.80 dB |

Date: 17.MAR.2015 10:41:28

### Highest Band Edge / 1 RB

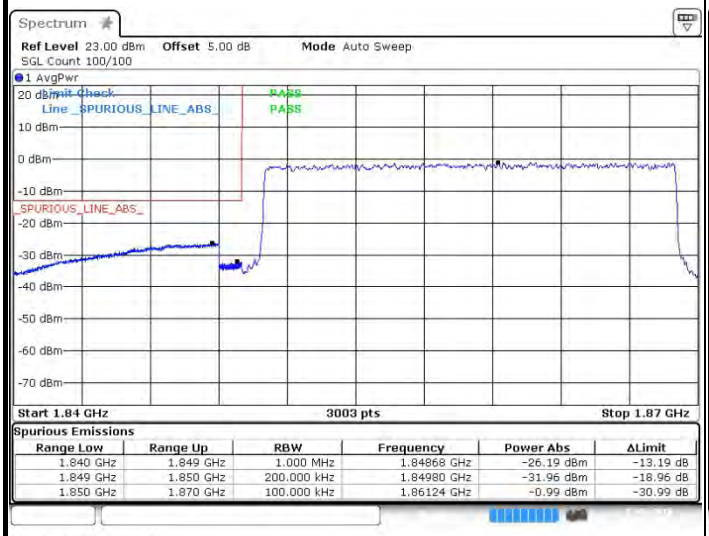



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.890 GHz | 1.910 GHz | 100.000 kHz | 1.90891 GHz | 19.61 dBm | -10.39 dB |
| 1.910 GHz | 1.911 GHz | 200.000 kHz | 1.91000 GHz | -31.46 dBm | -18.46 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91110 GHz | -35.75 dBm | -22.75 dB |

Date: 17.MAR.2015 10:43:25

### Lowest Band Edge / Full RB

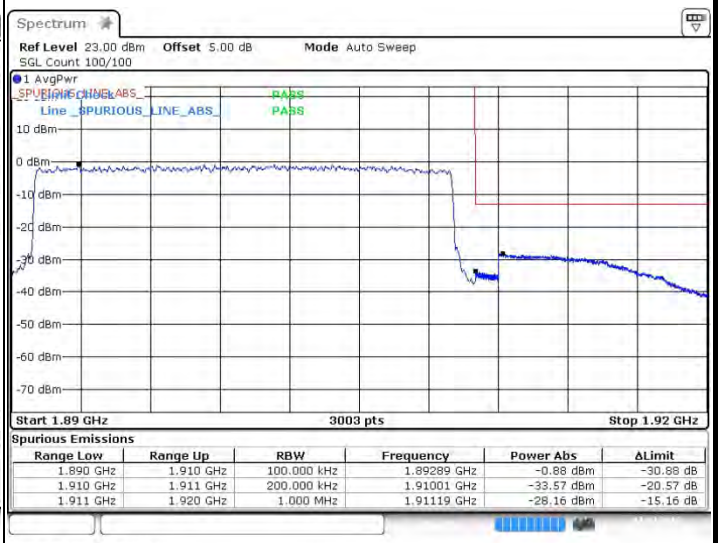



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84868 GHz | -26.19 dBm | -13.19 dB |
| 1.849 GHz | 1.850 GHz | 200.000 kHz | 1.84980 GHz | -31.96 dBm | -18.96 dB |
| 1.850 GHz | 1.870 GHz | 100.000 kHz | 1.86124 GHz | -0.99 dBm | -30.99 dB |

Date: 17.MAR.2015 10:42:02

### Highest Band Edge / Full RB



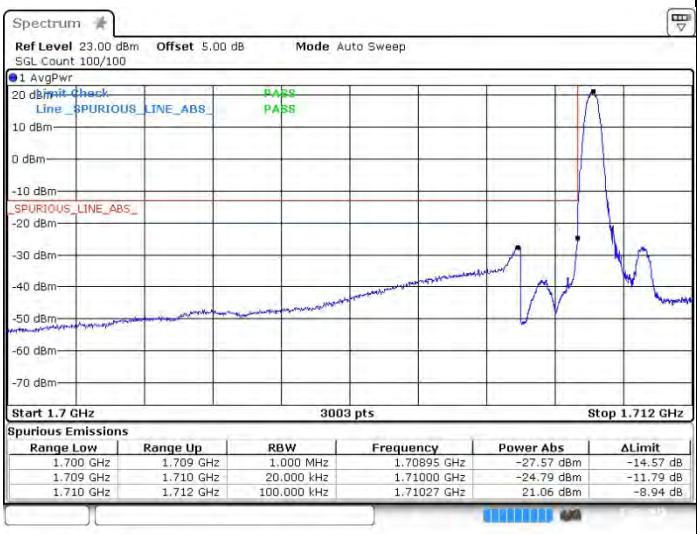

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.890 GHz | 1.910 GHz | 100.000 kHz | 1.89289 GHz | -0.88 dBm | -30.88 dB |
| 1.910 GHz | 1.911 GHz | 200.000 kHz | 1.91001 GHz | -33.57 dBm | -20.57 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91119 GHz | -28.16 dBm | -15.16 dB |

Date: 17.MAR.2015 10:43:54

## LTE Band 4 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

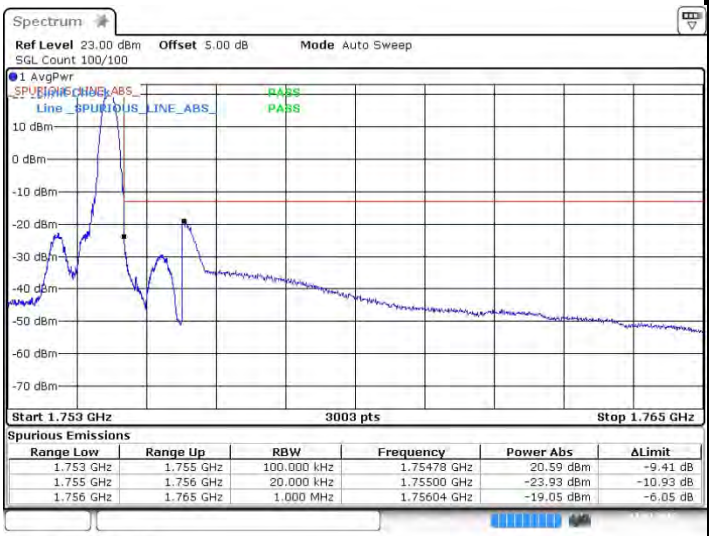



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -27.57 dBm | -14.57 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -24.79 dBm | -11.79 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71027 GHz | 21.06 dBm | -8.94 dB |

Date: 17.MAR.2015 14:59:31

### Highest Band Edge / 1RB

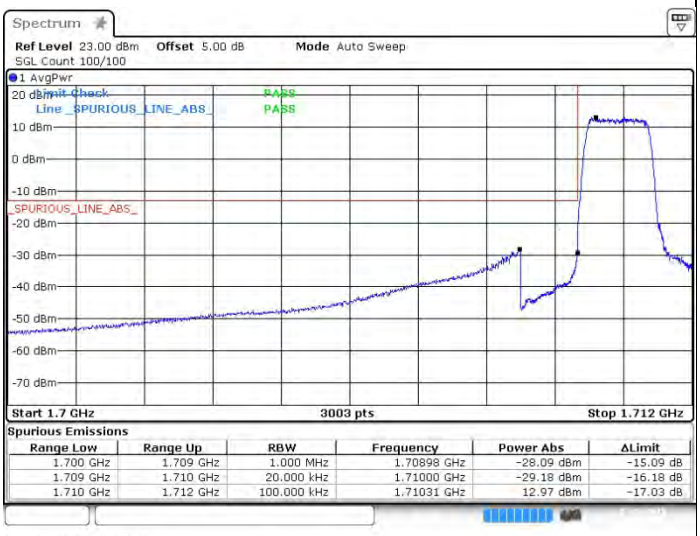



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75478 GHz | 20.59 dBm | -9.41 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -23.93 dBm | -10.93 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -19.05 dBm | -6.05 dB |

Date: 17.MAR.2015 15:04:41

### Lowest Band Edge / Full RB

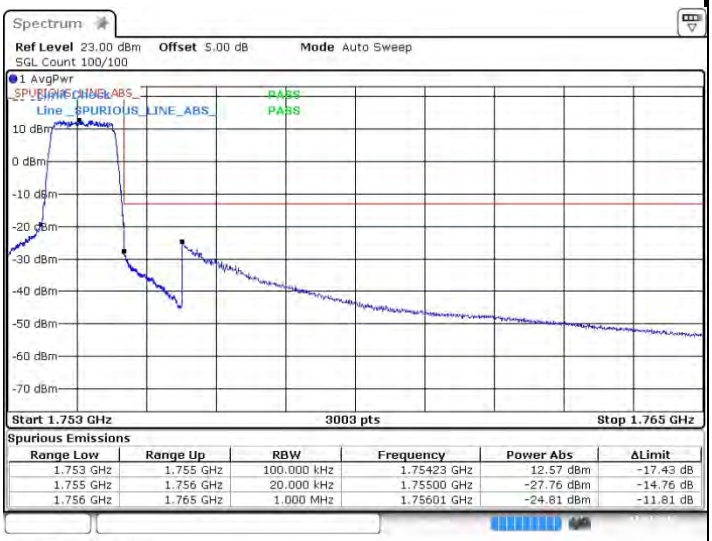



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -28.09 dBm | -15.09 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -29.18 dBm | -16.18 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71031 GHz | 12.97 dBm | -17.03 dB |

Date: 17.MAR.2015 15:03:21

### Highest Band Edge / Full RB



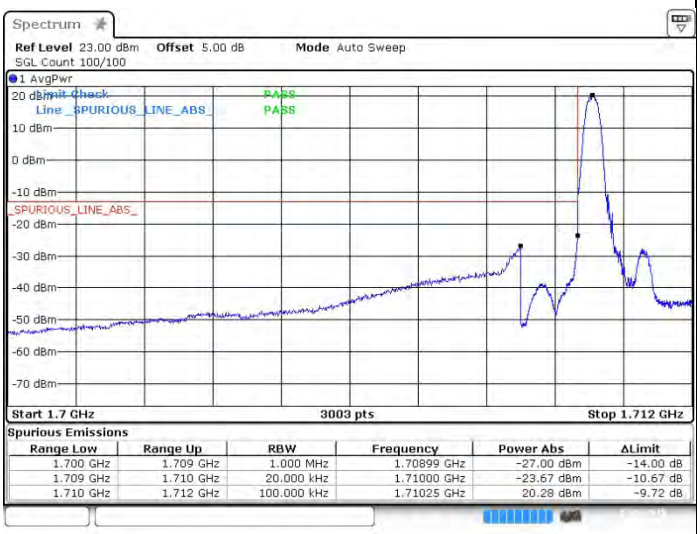

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75423 GHz | 12.57 dBm | -17.43 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -27.76 dBm | -14.76 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -24.81 dBm | -11.81 dB |

Date: 17.MAR.2015 15:11:11

## LTE Band 4 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

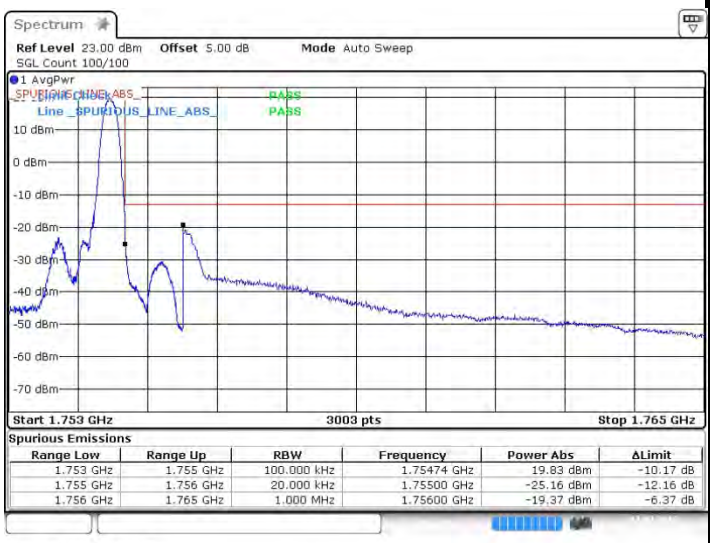



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -27.00 dBm | -14.00 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -23.67 dBm | -10.67 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71025 GHz | 20.28 dBm | -9.72 dB |

Date: 17.MAR.2015 15:00:45

### Highest Band Edge / 1 RB

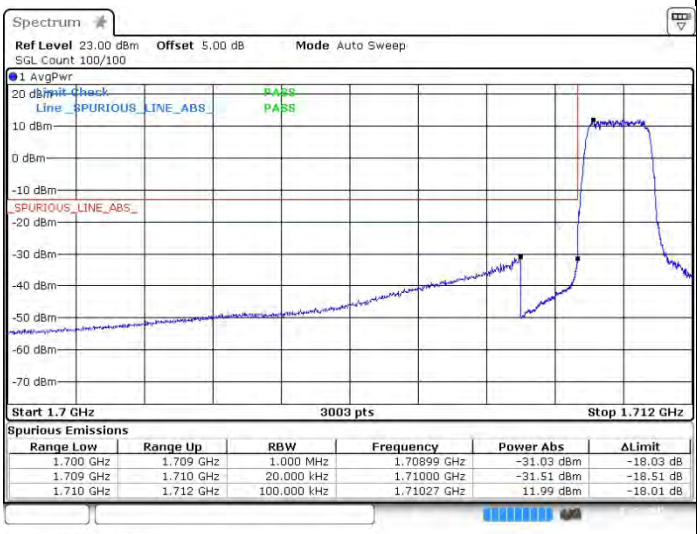



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75474 GHz | 19.83 dBm | -10.17 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -25.16 dBm | -12.16 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75600 GHz | -19.37 dBm | -6.37 dB |

Date: 17.MAR.2015 15:08:00

### Lowest Band Edge / Full RB

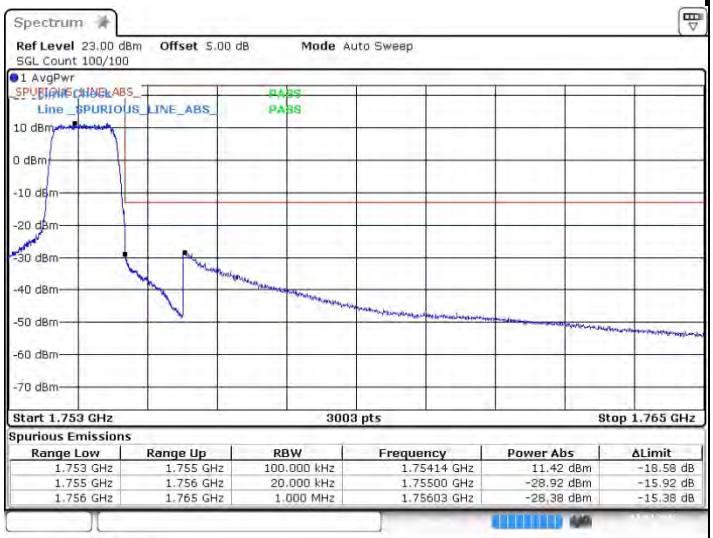



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -31.03 dBm | -18.03 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -31.51 dBm | -18.51 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71027 GHz | 11.99 dBm | -18.01 dB |

Date: 17.MAR.2015 15:02:12

### Highest Band Edge / Full RB



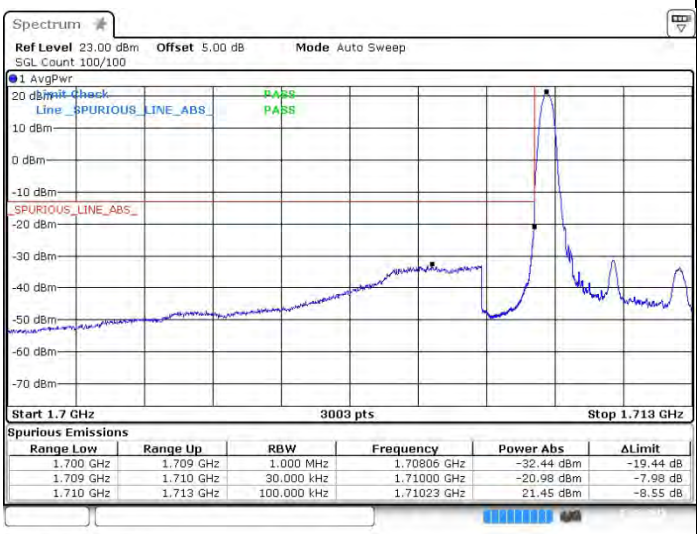

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75414 GHz | 11.42 dBm | -18.58 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -28.92 dBm | -15.92 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75603 GHz | -28.38 dBm | -15.38 dB |

Date: 17.MAR.2015 15:09:53

## LTE Band 4 / 3MHz / QPSK

### Lowest Band Edge / 1RB

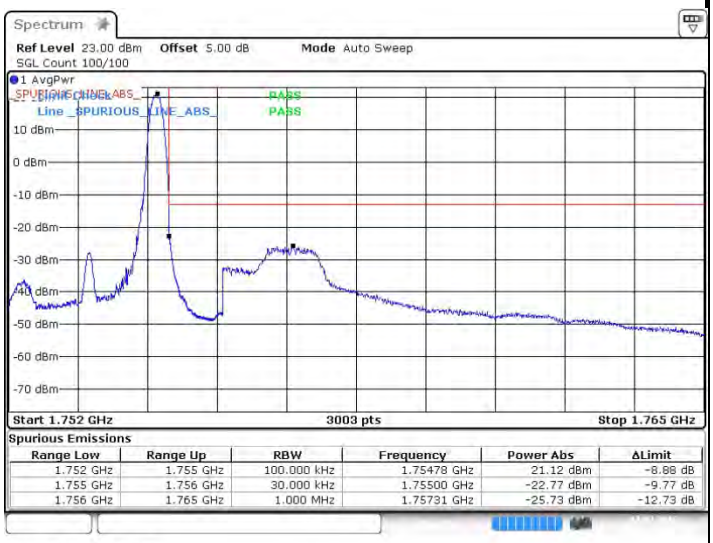



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70806 GHz | -32.44 dBm | -19.44 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -20.98 dBm | -7.98 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71023 GHz | 21.45 dBm | -8.55 dB |

Date: 17.MAR.2015 14:49:43

### Highest Band Edge / 1 RB

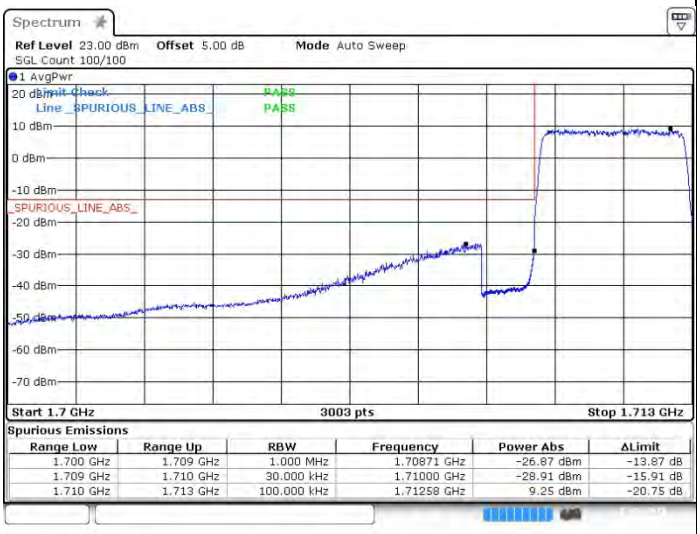



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75478 GHz | 21.12 dBm | -8.88 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -22.77 dBm | -9.77 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75731 GHz | -25.73 dBm | -12.73 dB |

Date: 17.MAR.2015 14:53:28

### Lowest Band Edge / Full RB

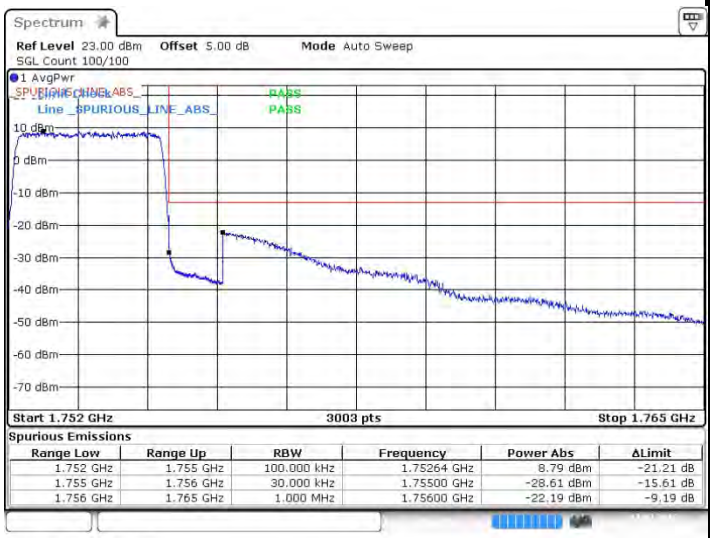



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70871 GHz | -26.87 dBm | -13.87 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -28.91 dBm | -15.91 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71258 GHz | 9.25 dBm | -20.75 dB |

Date: 17.MAR.2015 14:51:59

### Highest Band Edge / Full RB



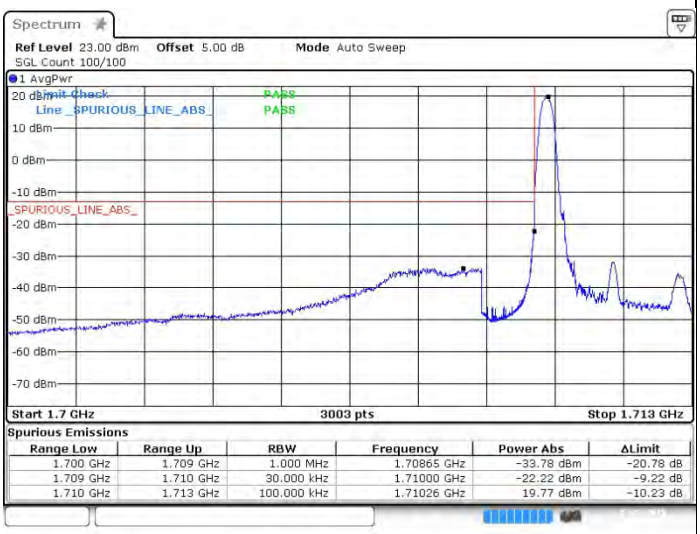

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75264 GHz | 8.79 dBm | -21.21 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -28.61 dBm | -15.61 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75600 GHz | -22.19 dBm | -9.19 dB |

Date: 17.MAR.2015 14:57:19

## LTE Band 4 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

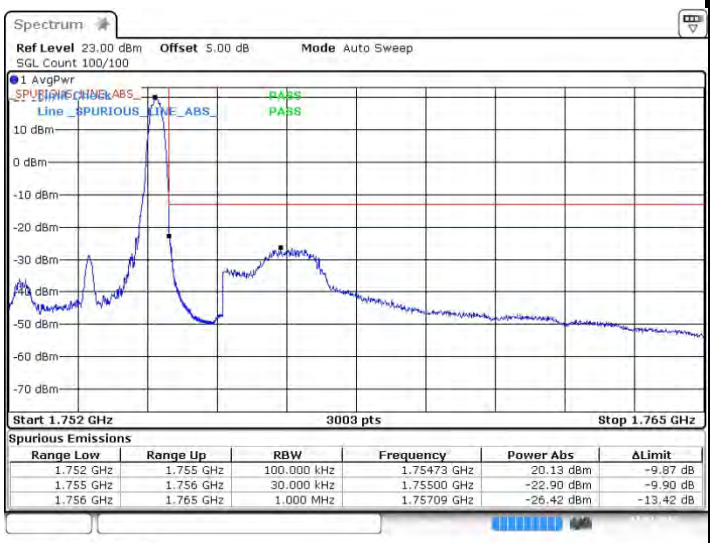



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70865 GHz | -33.78 dBm | -20.78 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -22.22 dBm | -9.22 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71026 GHz | 19.77 dBm | -10.23 dB |

Date: 17.MAR.2015 14:50:32

### Highest Band Edge /1 RB

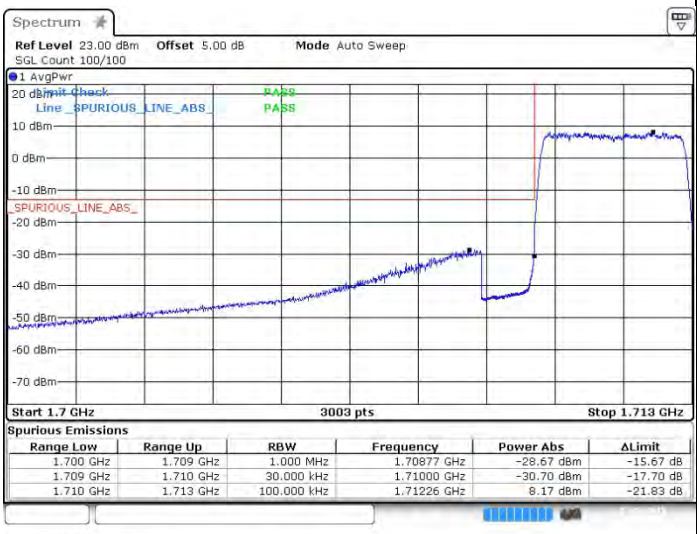



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75473 GHz | 20.13 dBm | -9.87 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -22.90 dBm | -9.90 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75709 GHz | -26.42 dBm | -13.42 dB |

Date: 17.MAR.2015 14:54:25

### Lowest Band Edge / Full RB

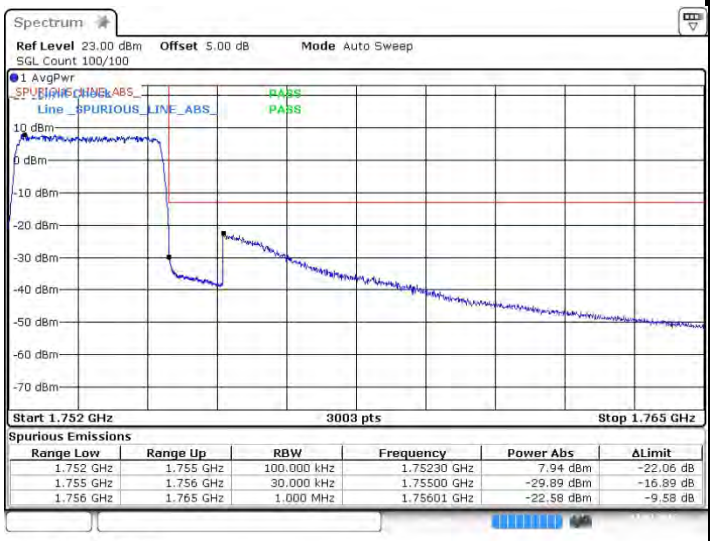



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70877 GHz | -28.67 dBm | -15.67 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -30.70 dBm | -17.70 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71226 GHz | 8.17 dBm | -21.83 dB |

Date: 17.MAR.2015 14:51:13

### Highest Band Edge / Full RB



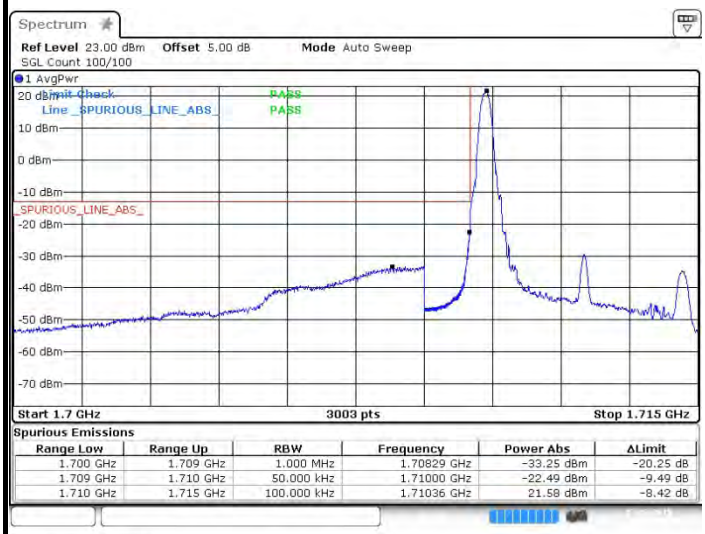

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75230 GHz | 7.94 dBm | -22.06 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -29.89 dBm | -16.89 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -22.58 dBm | -9.58 dB |

Date: 17.MAR.2015 14:55:29

## LTE Band 4 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

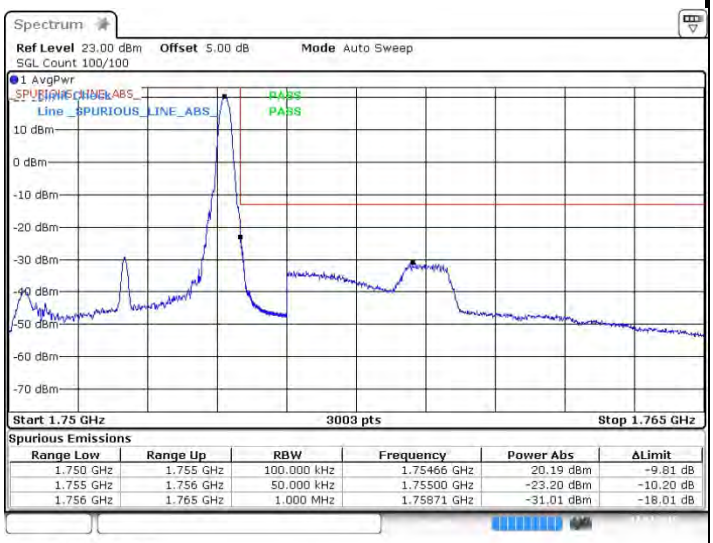



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70829 GHz | -33.25 dBm | -20.25 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -22.49 dBm | -9.49 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71036 GHz | 21.58 dBm | -8.42 dB |

Date: 17.MAR.2015 17:03:14

### Highest Band Edge / 1 RB

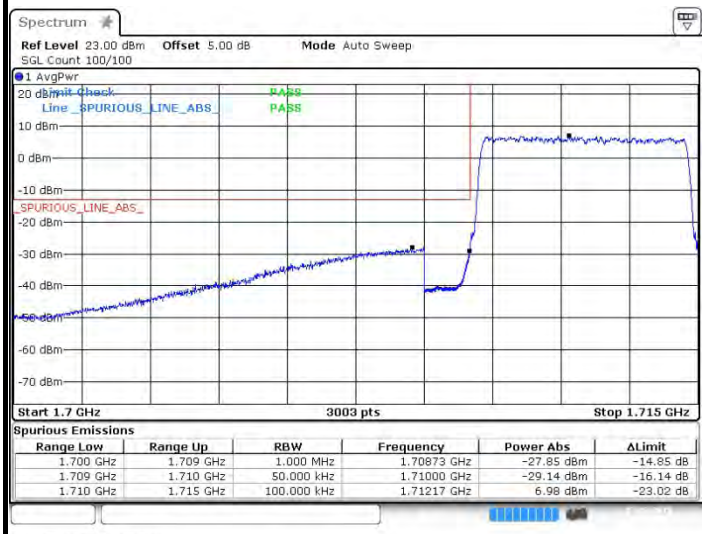



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75466 GHz | 20.19 dBm | -9.81 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -23.20 dBm | -10.20 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75871 GHz | -31.01 dBm | -18.01 dB |

Date: 17.MAR.2015 14:46:14

### Lowest Band Edge / Full RB

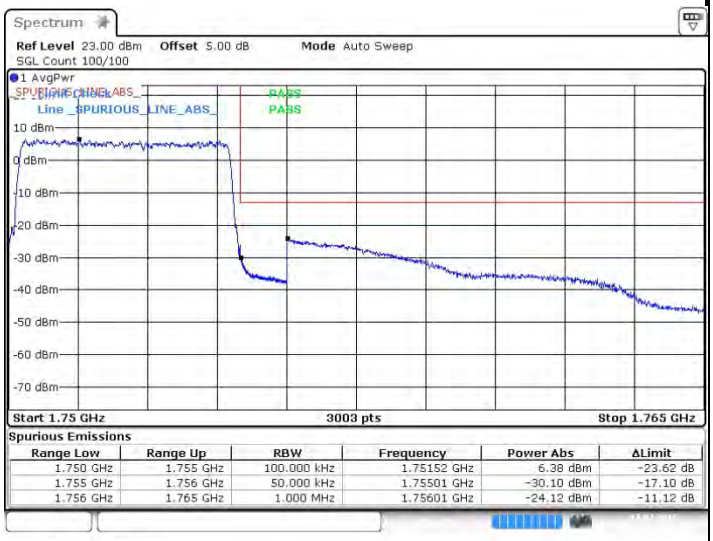



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70873 GHz | -27.85 dBm | -14.85 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -29.14 dBm | -16.14 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71217 GHz | 6.98 dBm | -23.02 dB |

Date: 17.MAR.2015 17:04:43

### Highest Band Edge / Full RB



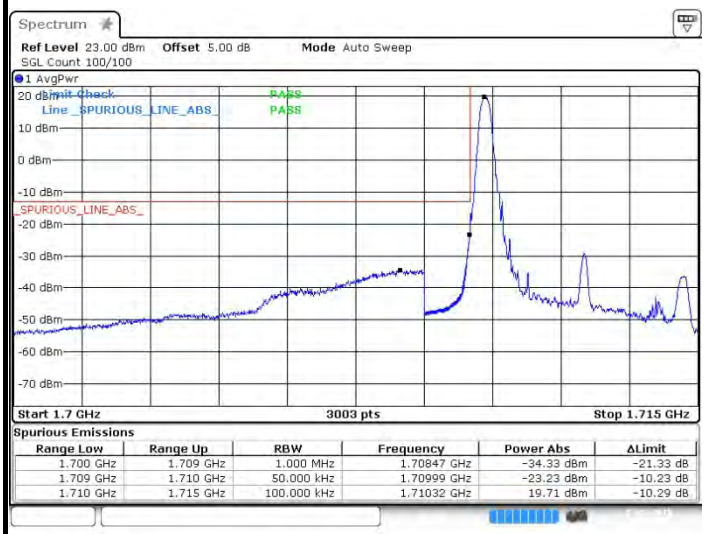

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75152 GHz | 6.38 dBm | -23.62 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75501 GHz | -30.10 dBm | -17.10 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -24.12 dBm | -11.12 dB |

Date: 17.MAR.2015 14:47:06

## LTE Band 4 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

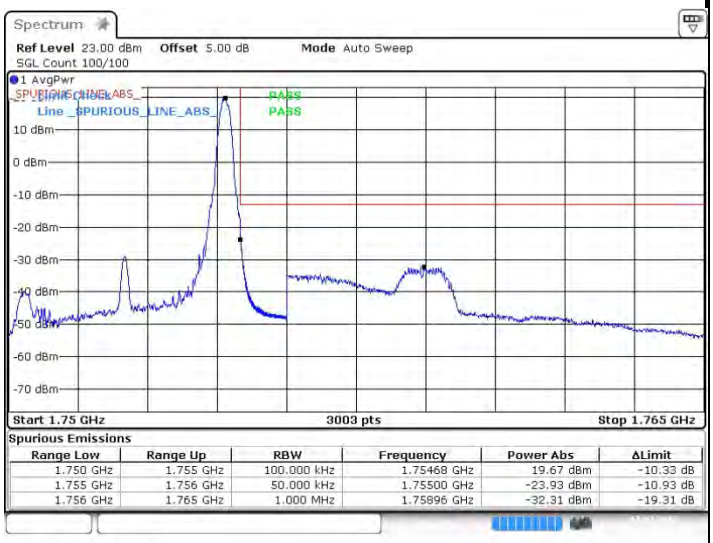



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70847 GHz | -34.33 dBm | -21.33 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.70999 GHz | -23.23 dBm | -10.23 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71032 GHz | 19.71 dBm | -10.29 dB |

Date: 17.MAR.2015 17:03:53

### Highest Band Edge / 1 RB

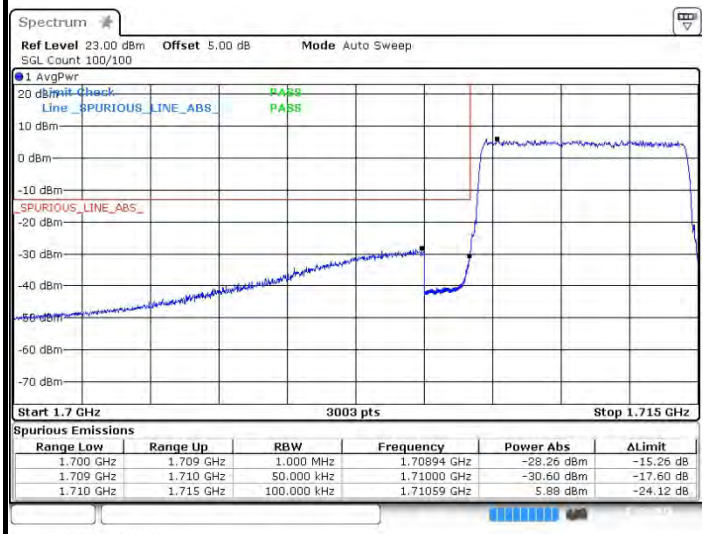



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75468 GHz | 19.67 dBm | -10.33 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -23.93 dBm | -10.93 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75896 GHz | -32.31 dBm | -19.31 dB |

Date: 17.MAR.2015 14:45:50

### Lowest Band Edge / Full RB

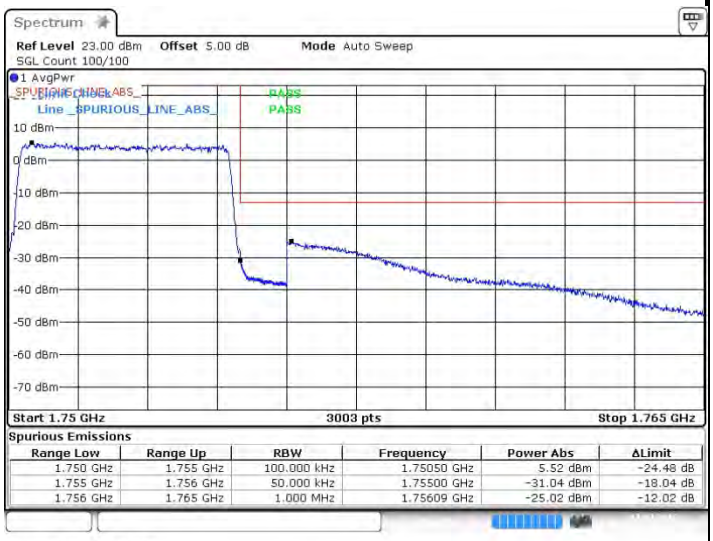



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -28.26 dBm | -15.26 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -30.60 dBm | -17.60 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71059 GHz | 5.88 dBm | -24.12 dB |

Date: 17.MAR.2015 17:04:20

### Highest Band Edge / Full RB



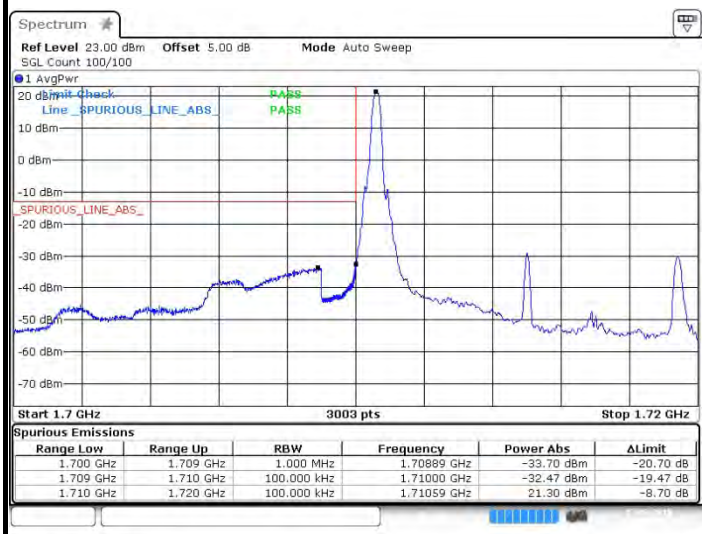

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75050 GHz | 5.52 dBm | -24.48 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -31.04 dBm | -18.04 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -25.02 dBm | -12.02 dB |

Date: 17.MAR.2015 14:47:57

## LTE Band 4 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

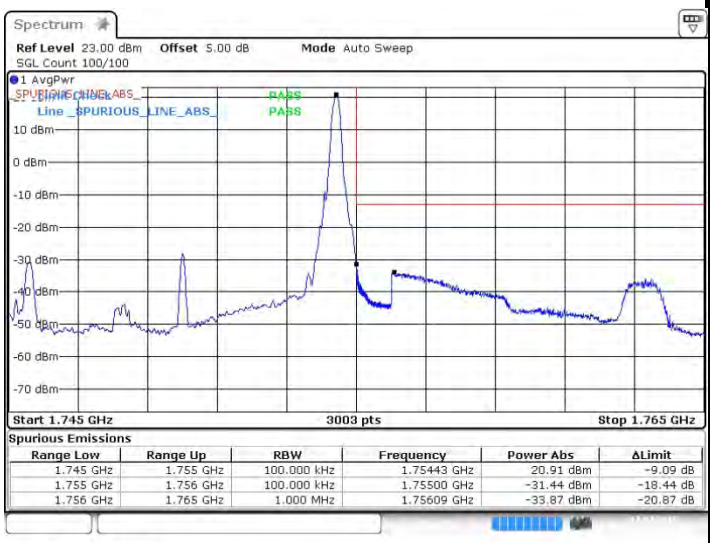



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70889 GHz | -33.70 dBm | -20.70 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -32.47 dBm | -19.47 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71059 GHz | 21.30 dBm | -8.70 dB |

Date: 17.MAR.2015 17:05:19

### Highest Band Edge / 1 RB

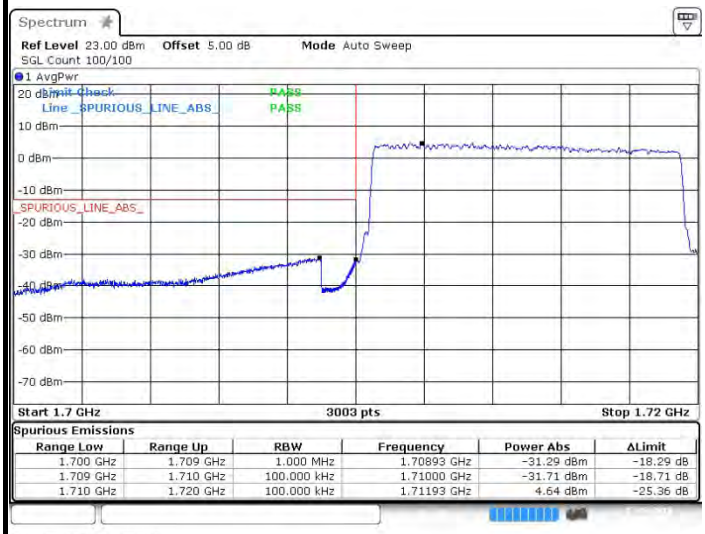



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75443 GHz | 20.91 dBm | -9.09 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -31.44 dBm | -18.44 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -33.87 dBm | -20.87 dB |

Date: 17.MAR.2015 14:40:04

### Lowest Band Edge / Full RB

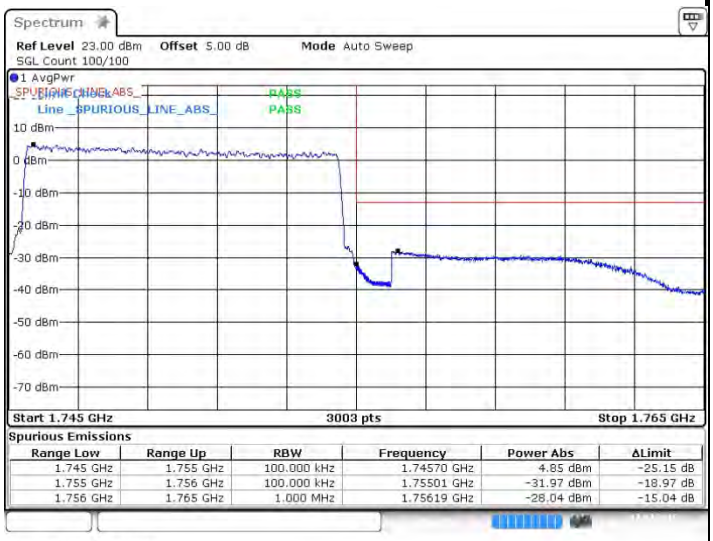



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70893 GHz | -31.29 dBm | -18.29 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -31.71 dBm | -18.71 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71193 GHz | 4.64 dBm | -25.36 dB |

Date: 17.MAR.2015 17:06:27

### Highest Band Edge / Full RB



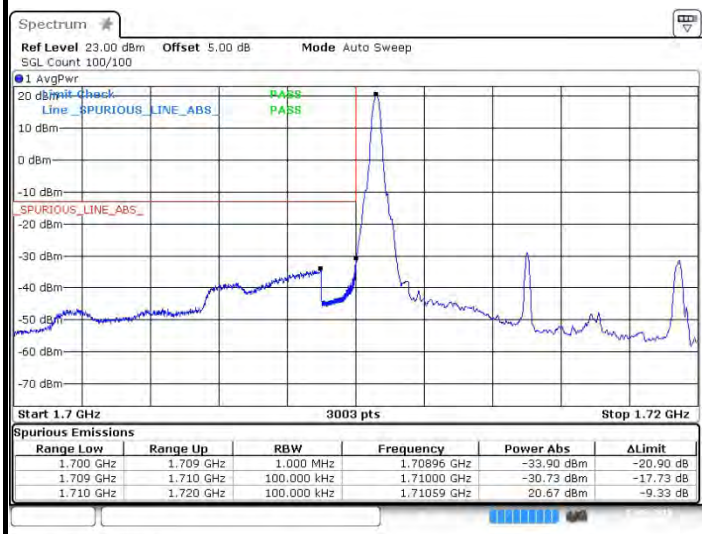

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.74570 GHz | 4.85 dBm | -25.15 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75501 GHz | -31.97 dBm | -18.97 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75619 GHz | -28.04 dBm | -15.04 dB |

Date: 17.MAR.2015 14:41:47

## LTE Band 4 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

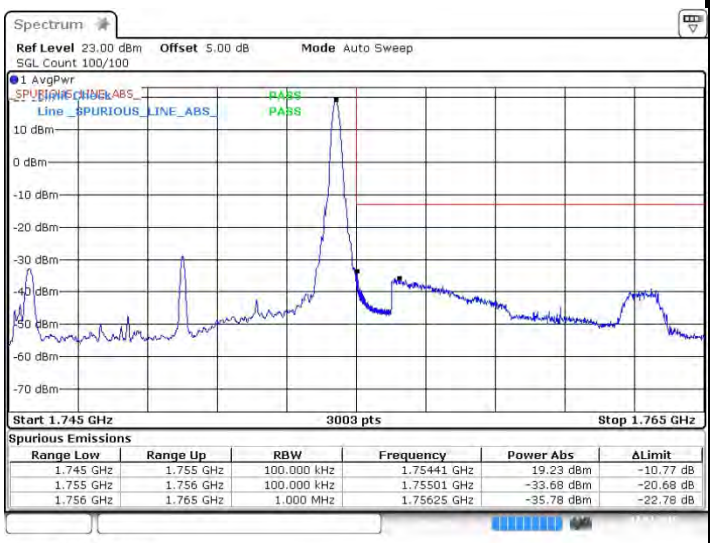



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70896 GHz | -33.90 dBm | -20.90 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -30.73 dBm | -17.73 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71059 GHz | 20.67 dBm | -9.33 dB |

Date: 17.MAR.2015 17:05:41

### Highest Band Edge / 1 RB

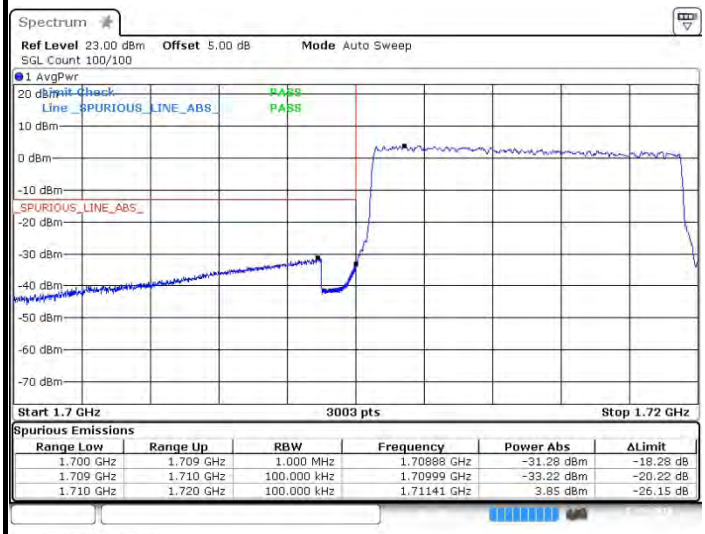



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75441 GHz | 19.23 dBm | -10.77 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75501 GHz | -33.68 dBm | -20.68 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75625 GHz | -35.78 dBm | -22.78 dB |

Date: 17.MAR.2015 14:40:22

### Lowest Band Edge / Full RB

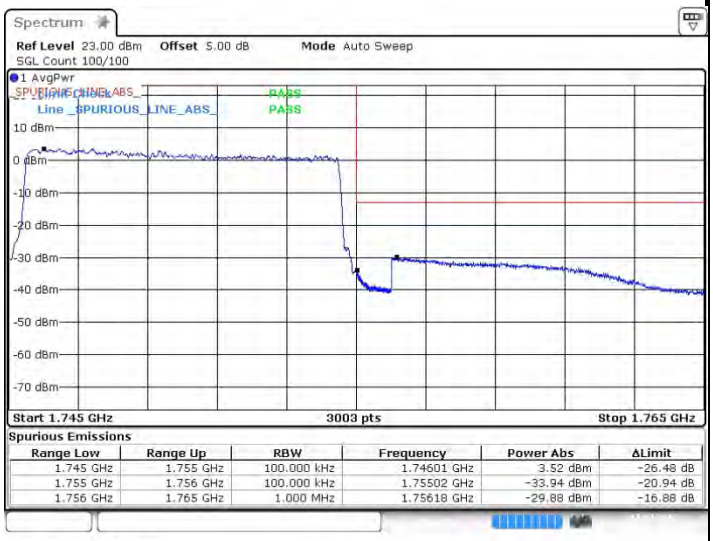



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70888 GHz | -31.28 dBm | -18.28 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -33.22 dBm | -20.22 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71141 GHz | 3.85 dBm | -26.15 dB |

Date: 17.MAR.2015 17:06:03

### Highest Band Edge / Full RB



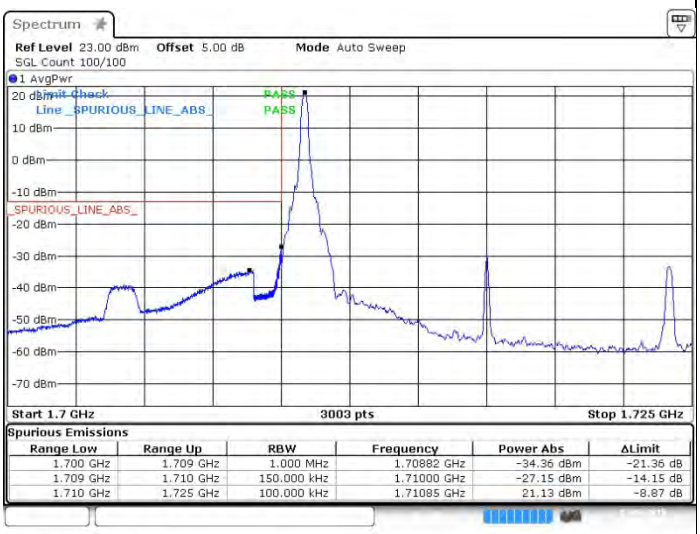

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.74601 GHz | 3.52 dBm | -26.48 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75502 GHz | -33.94 dBm | -20.94 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75618 GHz | -29.88 dBm | -16.88 dB |

Date: 17.MAR.2015 14:41:10

## LTE Band 4 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

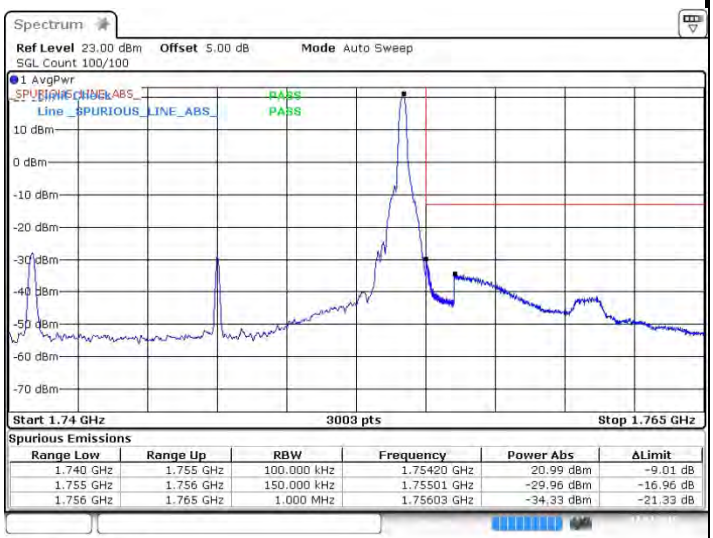



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70882 GHz | -34.36 dBm | -21.36 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.71000 GHz | -27.15 dBm | -14.15 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71085 GHz | 21.13 dBm | -8.87 dB |

Date: 17.MAR.2015 14:32:45

### Highest Band Edge / 1 RB

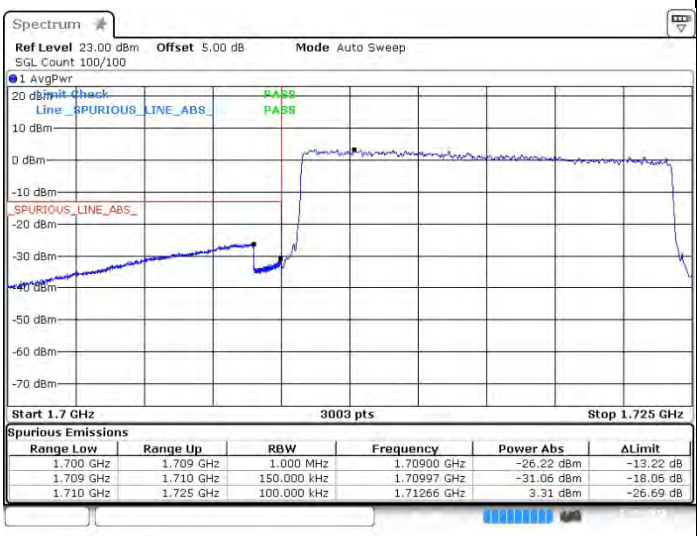



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75420 GHz | 20.99 dBm | -9.01 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -29.96 dBm | -16.96 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75603 GHz | -34.33 dBm | -21.33 dB |

Date: 17.MAR.2015 14:34:45

### Lowest Band Edge / Full RB

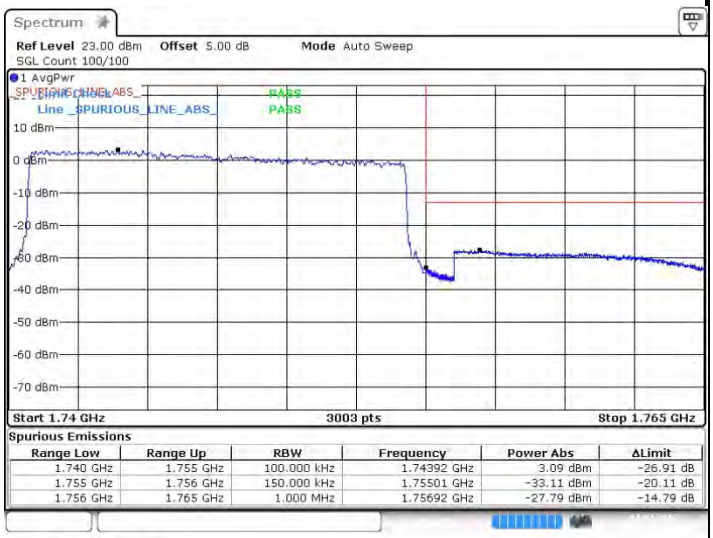



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -26.22 dBm | -13.22 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70997 GHz | -31.06 dBm | -18.06 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71266 GHz | 3.31 dBm | -26.69 dB |

Date: 17.MAR.2015 14:33:52

### Highest Band Edge / Full RB



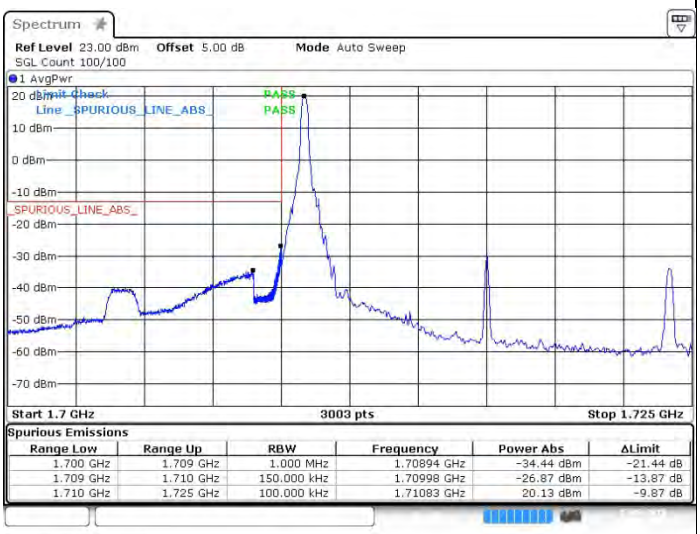

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.74392 GHz | 3.09 dBm | -26.91 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -33.11 dBm | -20.11 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75692 GHz | -27.79 dBm | -14.79 dB |

Date: 17.MAR.2015 14:36:04

## LTE Band 4 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

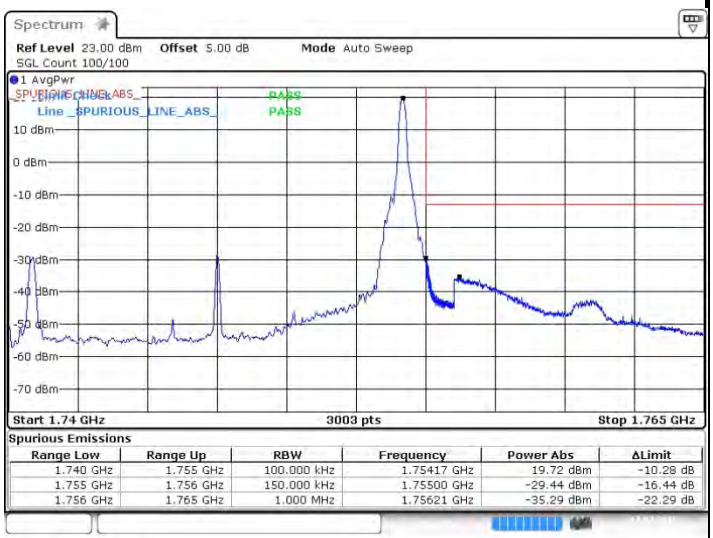



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -34.44 dBm | -21.44 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70998 GHz | -26.87 dBm | -13.87 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71083 GHz | 20.13 dBm | -9.87 dB |

Date: 17.MAR.2015 14:33:09

### Highest Band Edge / 1 RB

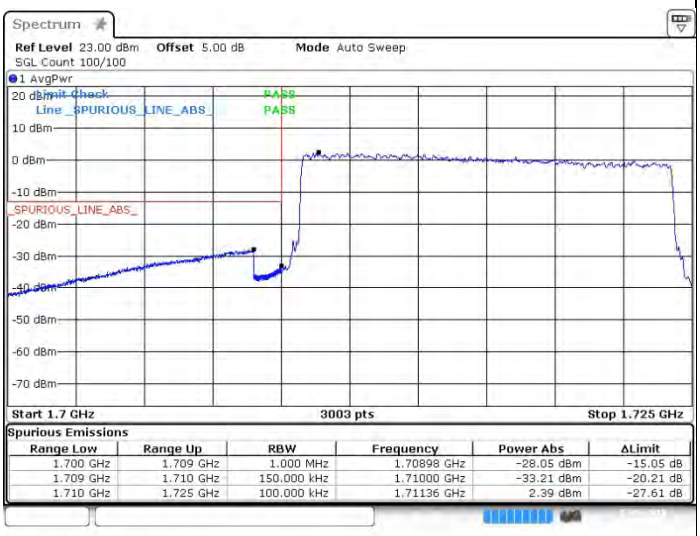



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75417 GHz | 19.72 dBm | -10.28 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75500 GHz | -29.44 dBm | -16.44 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75621 GHz | -35.29 dBm | -22.29 dB |

Date: 17.MAR.2015 14:35:14

### Lowest Band Edge / Full RB

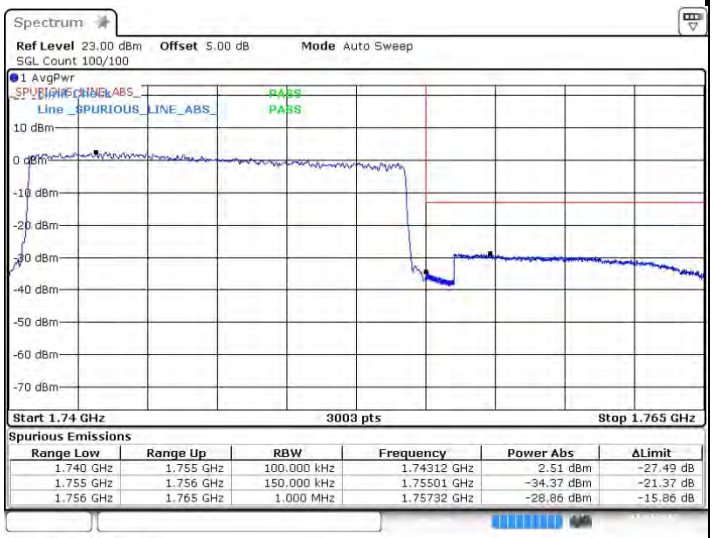



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -28.05 dBm | -15.05 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.71000 GHz | -33.21 dBm | -20.21 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71136 GHz | 2.39 dBm | -27.61 dB |

Date: 17.MAR.2015 14:33:33

### Highest Band Edge / Full RB



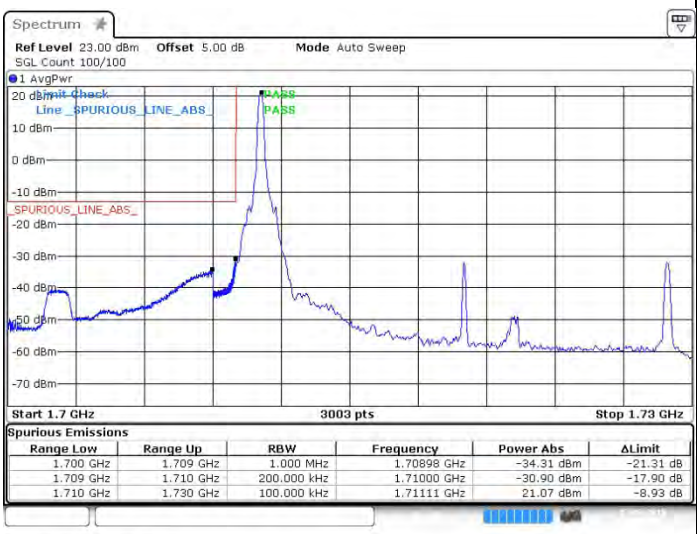

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.74312 GHz | 2.51 dBm | -27.49 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -34.37 dBm | -21.37 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75732 GHz | -28.86 dBm | -15.86 dB |

Date: 17.MAR.2015 14:35:40

## LTE Band 4 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

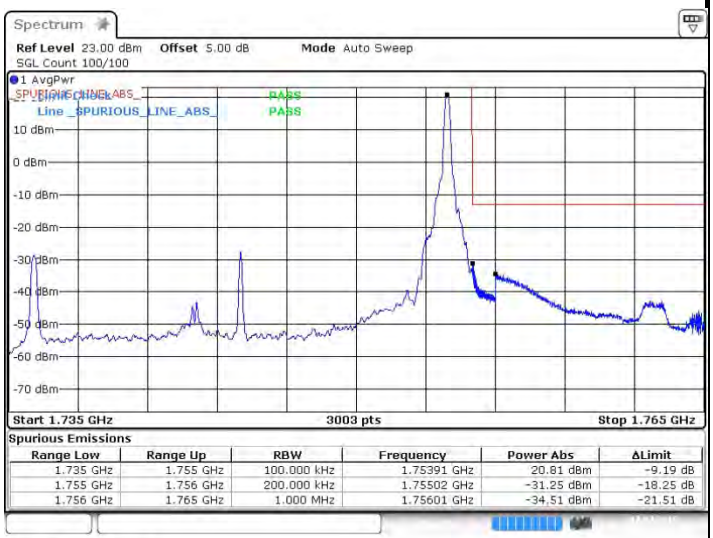



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -34.31 dBm | -21.31 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.71000 GHz | -30.90 dBm | -17.90 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71111 GHz | 21.07 dBm | -8.93 dB |

Date: 17.MAR.2015 14:29:07

### Highest Band Edge / 1 RB

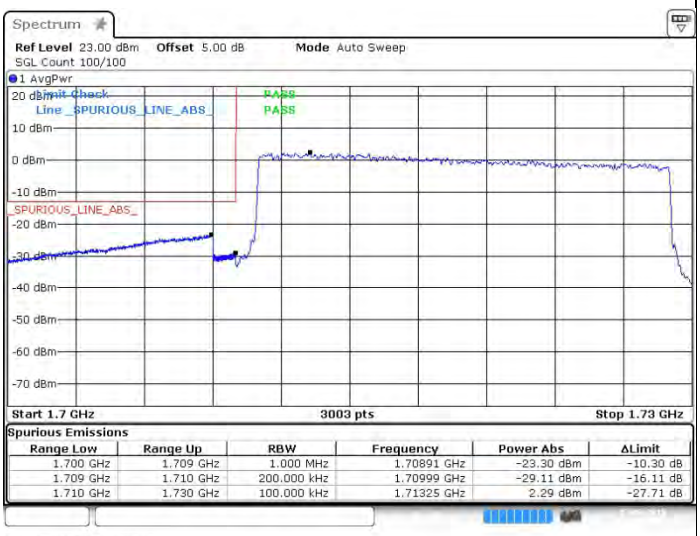



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75391 GHz | 20.81 dBm | -9.19 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75502 GHz | -31.25 dBm | -18.25 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -34.51 dBm | -21.51 dB |

Date: 17.MAR.2015 14:31:11

### Lowest Band Edge / Full RB

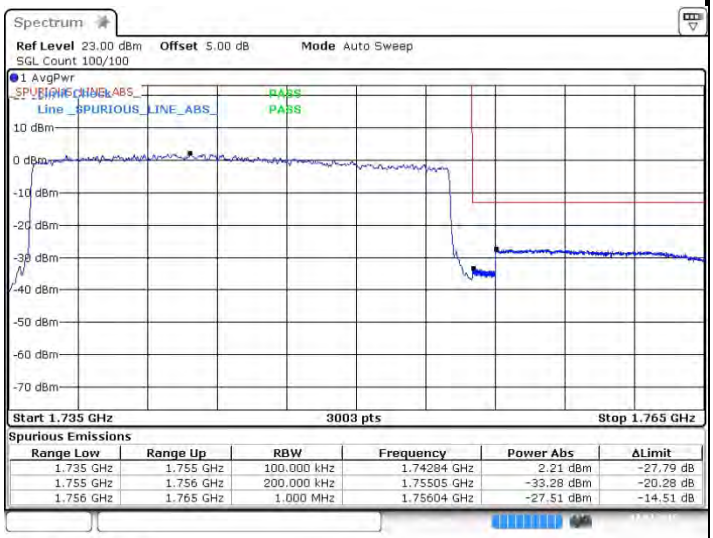



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70891 GHz | -23.30 dBm | -10.30 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -29.11 dBm | -16.11 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71325 GHz | 2.29 dBm | -27.71 dB |

Date: 17.MAR.2015 14:30:31

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.74284 GHz | 2.21 dBm | -27.79 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75505 GHz | -33.28 dBm | -20.28 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -27.51 dBm | -14.51 dB |

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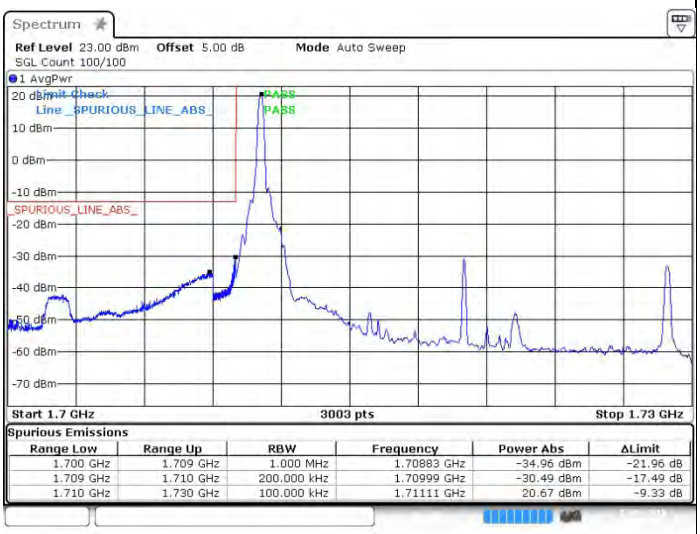
## LTE Band 4 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70883 GHz | -34.96 dBm | -21.96 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -30.49 dBm | -17.49 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71111 GHz | 20.67 dBm | -9.33 dB |

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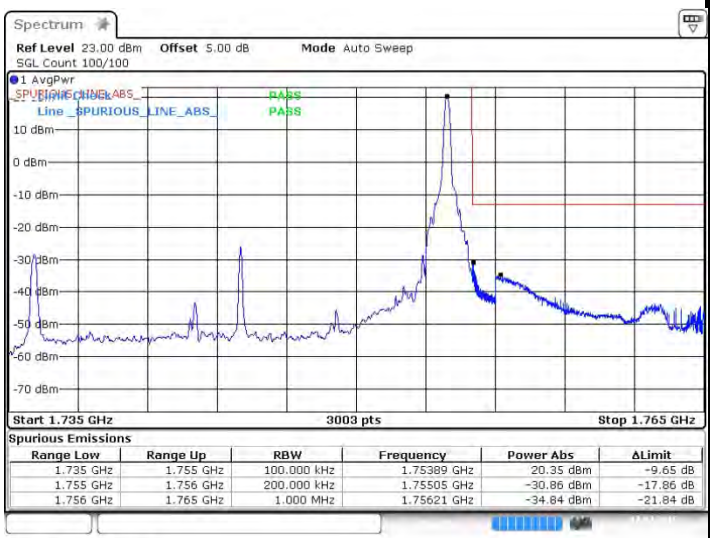
### Highest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75389 GHz | 20.35 dBm | -9.65 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75505 GHz | -30.86 dBm | -17.86 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75621 GHz | -34.84 dBm | -21.84 dB |

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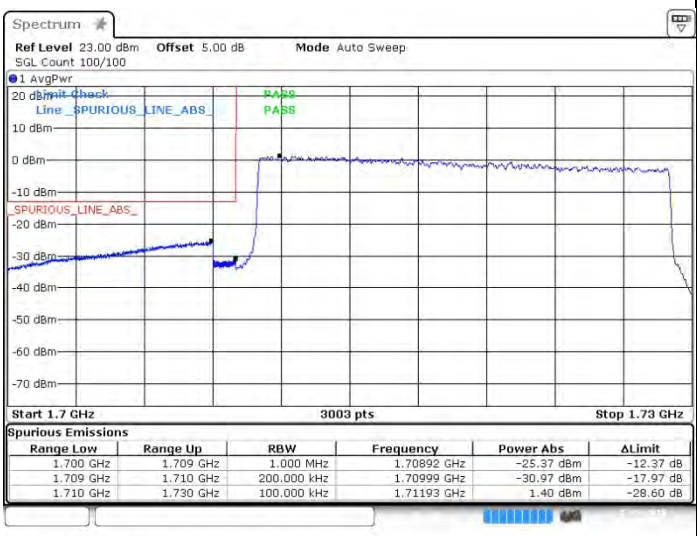
### Lowest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70892 GHz | -25.37 dBm | -12.37 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -30.97 dBm | -17.97 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71193 GHz | 1.40 dBm | -28.60 dB |

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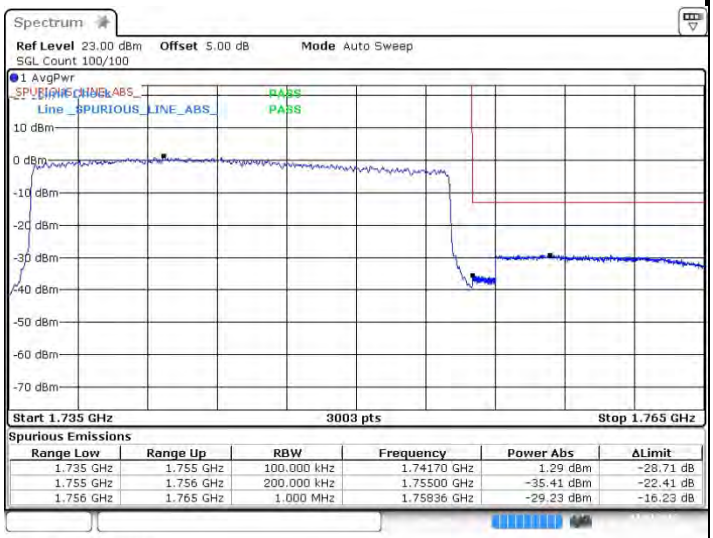
### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.74170 GHz | 1.29 dBm | -28.71 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75500 GHz | -35.41 dBm | -22.41 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75836 GHz | -29.23 dBm | -16.23 dB |

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