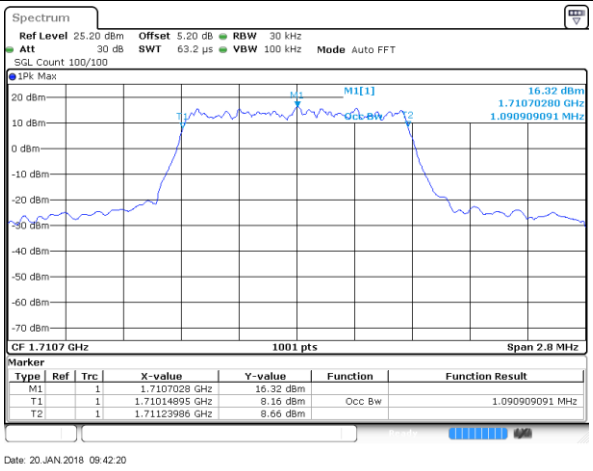
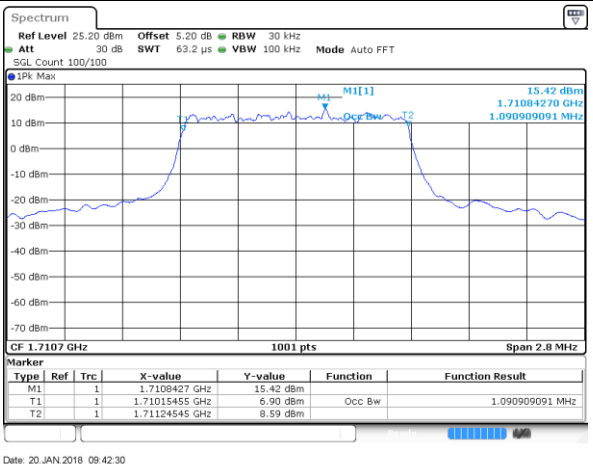
## LTE Band 4

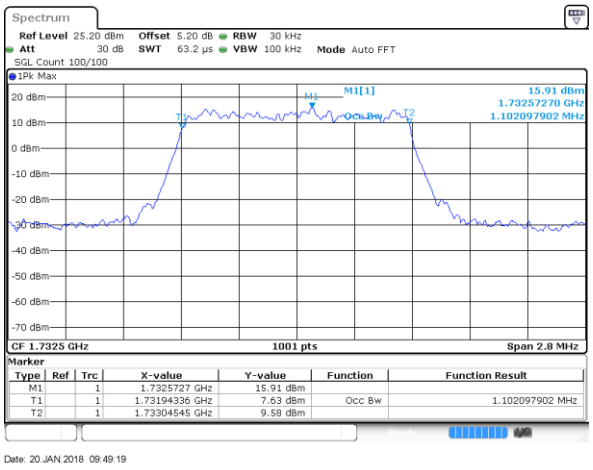
### Lowest Channel / 1.4MHz / QPSK



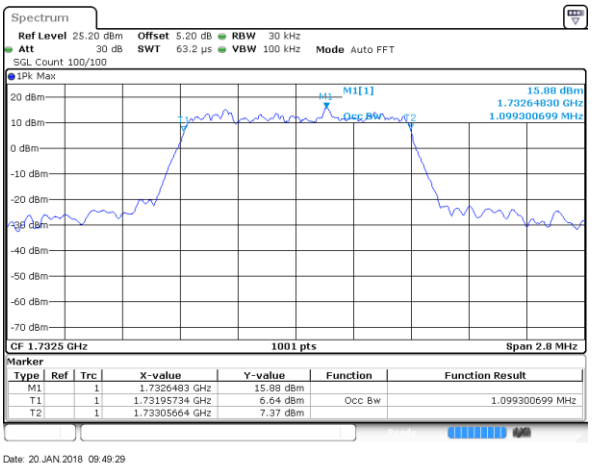

### Lowest Channel / 1.4MHz / 16QAM



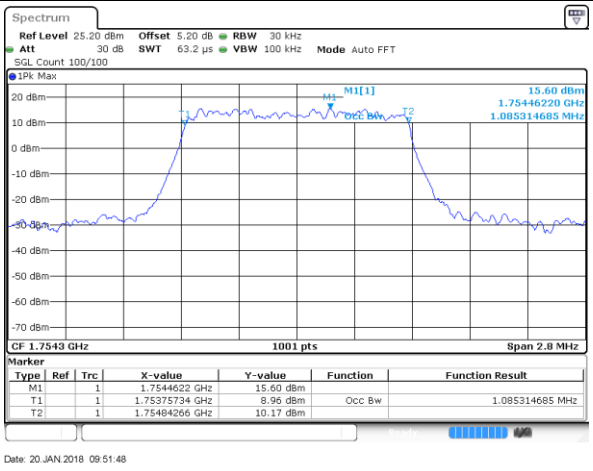

### Middle Channel / 1.4MHz / QPSK



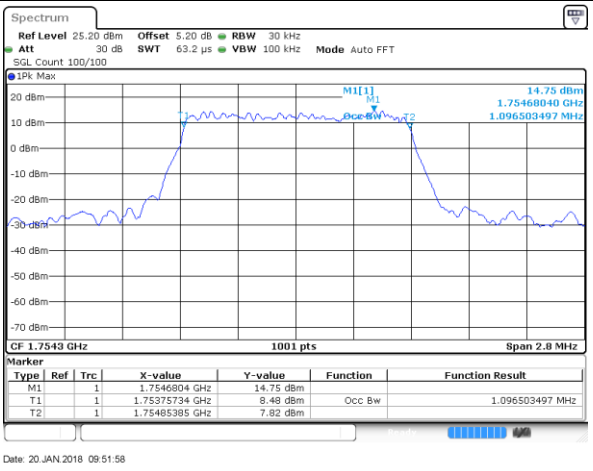

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

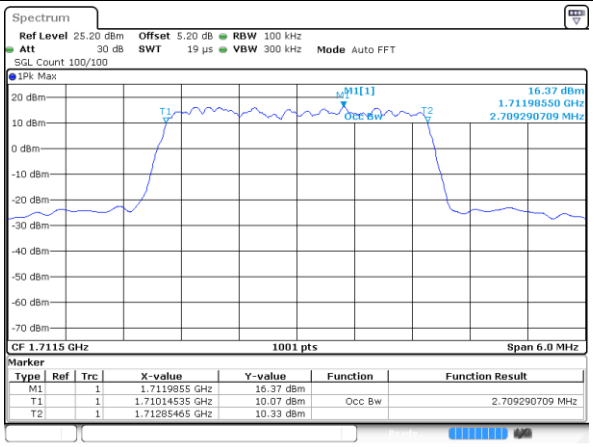



### Highest Channel / 1.4MHz / 16QAM

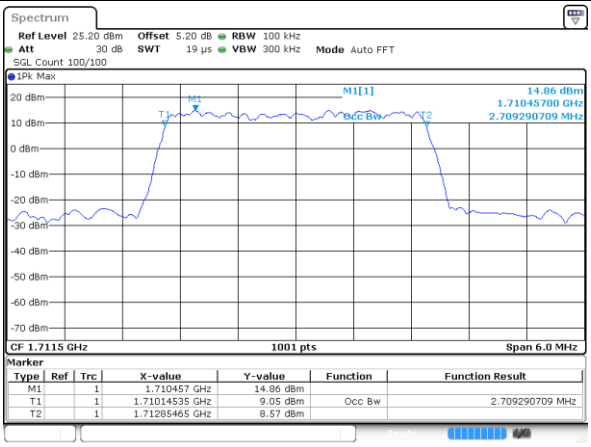


## LTE Band 4

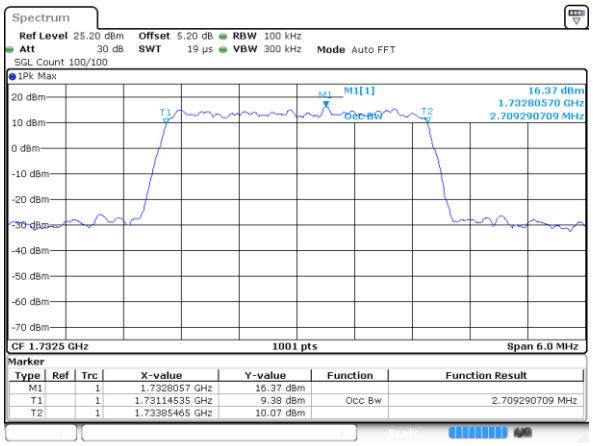
### Lowest Channel / 3MHz / QPSK



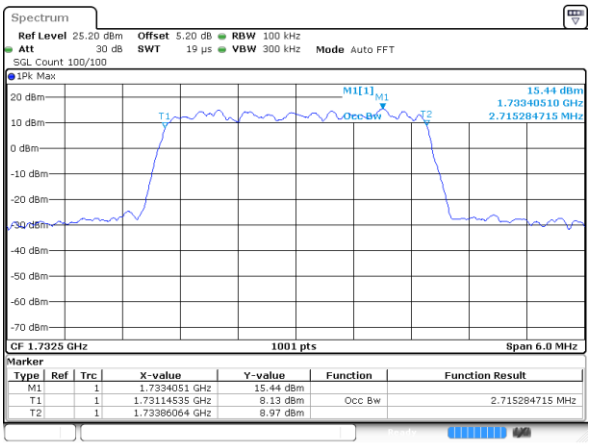

### Lowest Channel / 3MHz / 16QAM



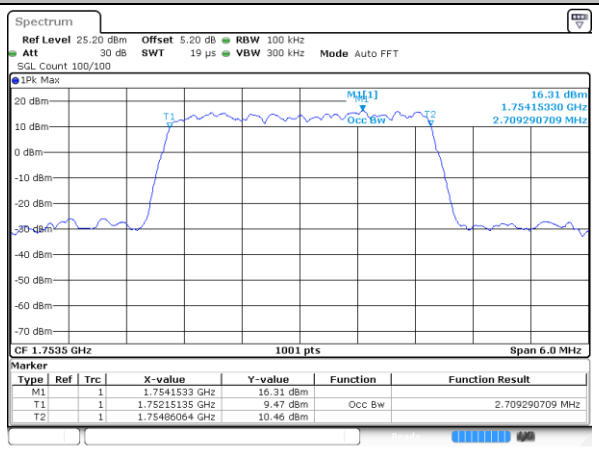

### Middle Channel / 3MHz / QPSK



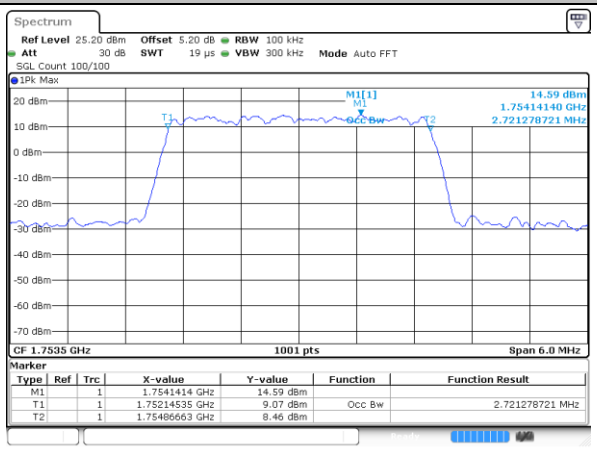

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

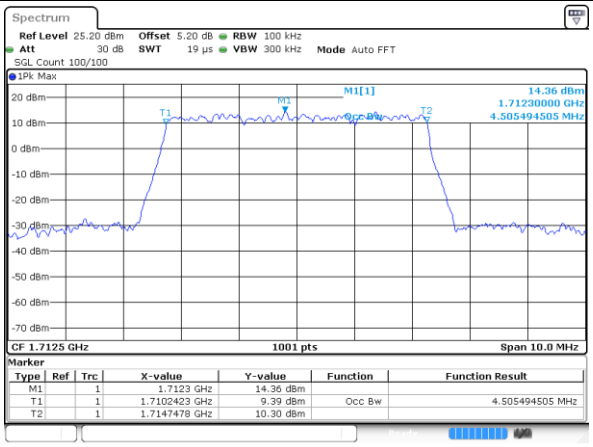



### Highest Channel / 3MHz / 16QAM

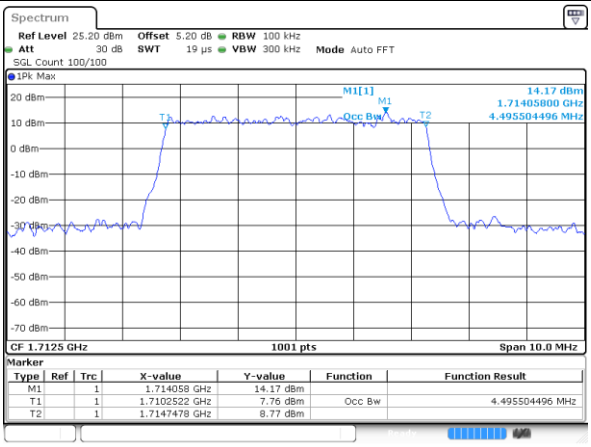


## LTE Band 4

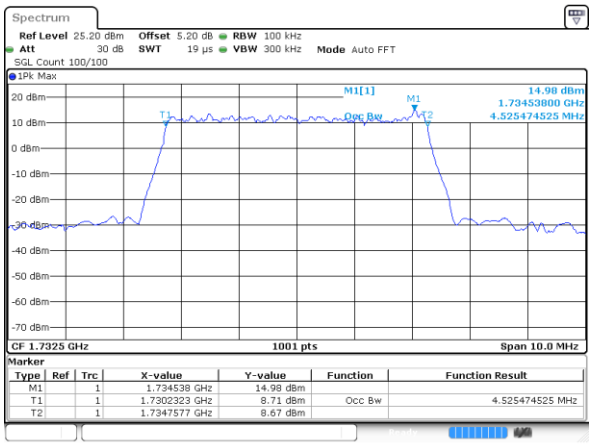
### Lowest Channel / 5MHz / QPSK



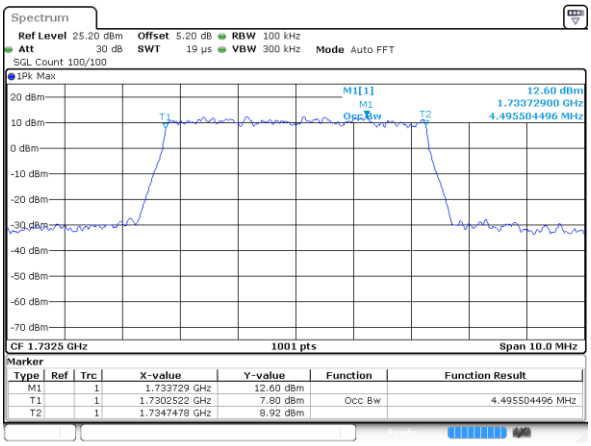

### Lowest Channel / 5MHz / 16QAM



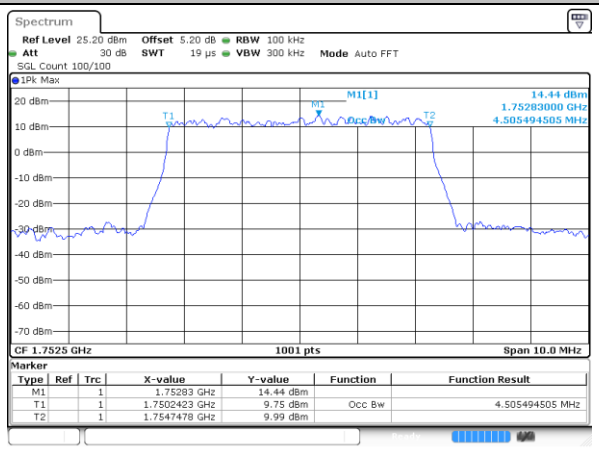

### Middle Channel / 5MHz / QPSK



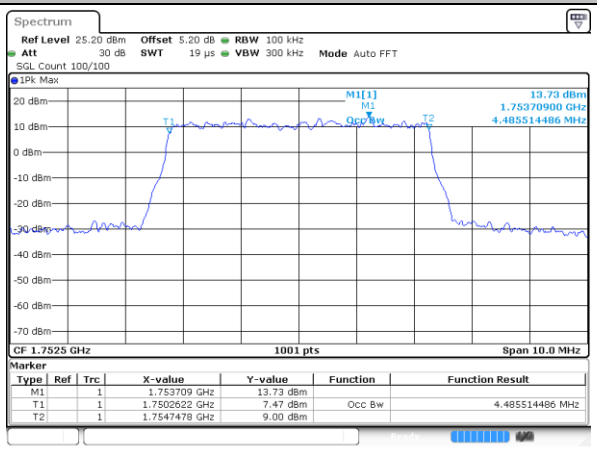

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

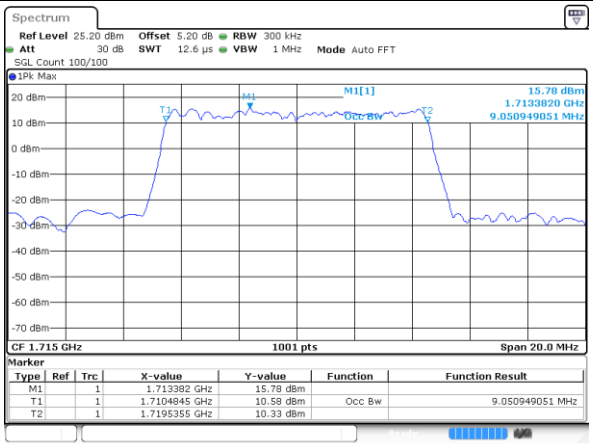



### Highest Channel / 5MHz / 16QAM

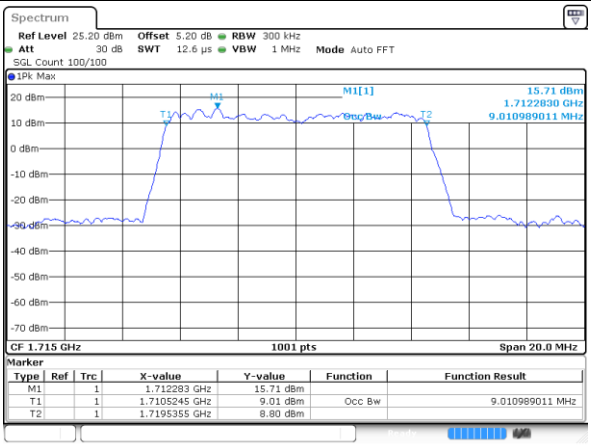


## LTE Band 4

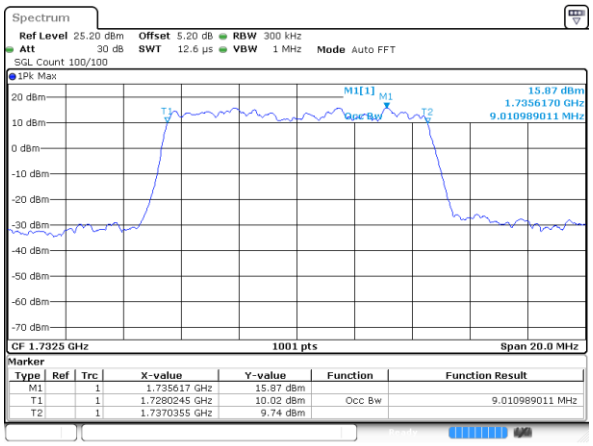
### Lowest Channel / 10MHz / QPSK



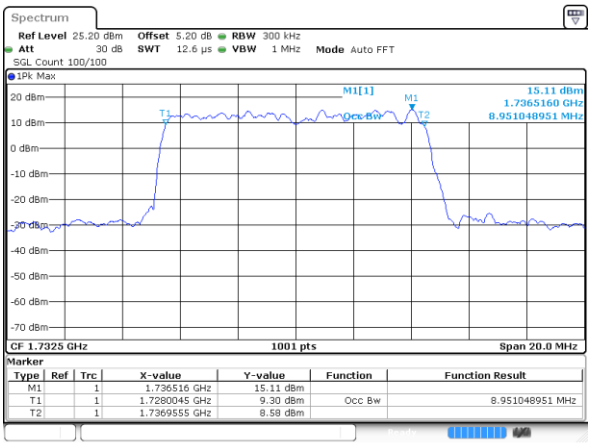

### Lowest Channel / 10MHz / 16QAM



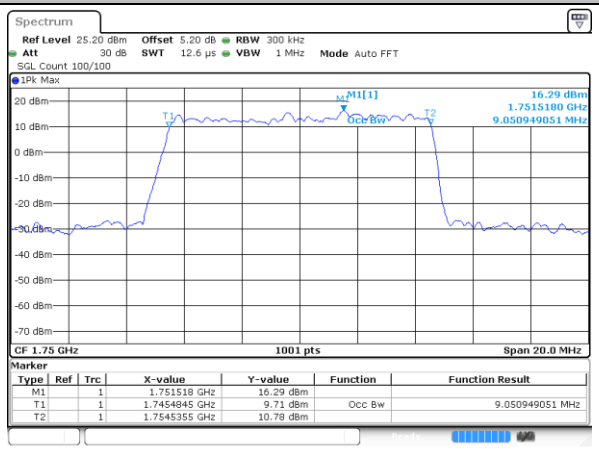

### Middle Channel / 10MHz / QPSK



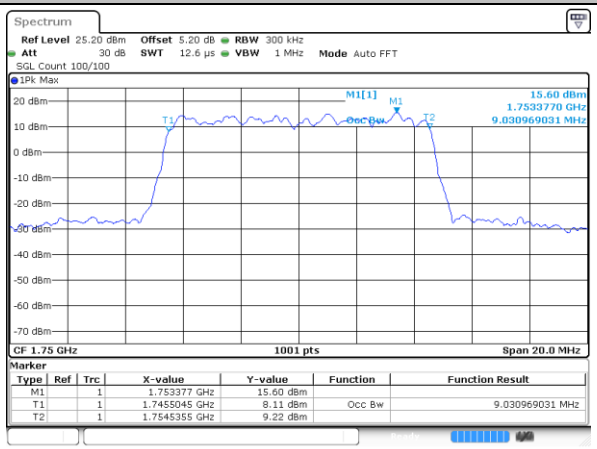

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

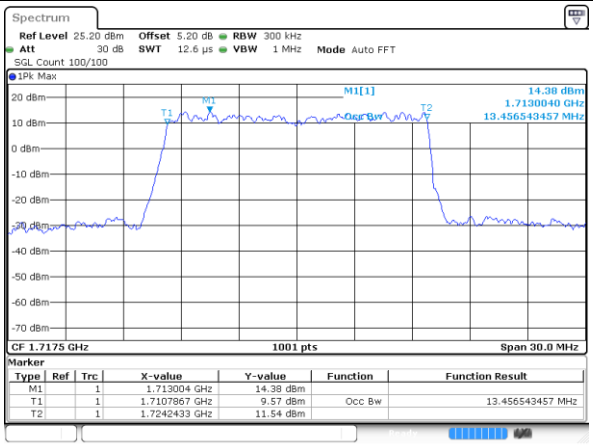



### Highest Channel / 10MHz / 16QAM

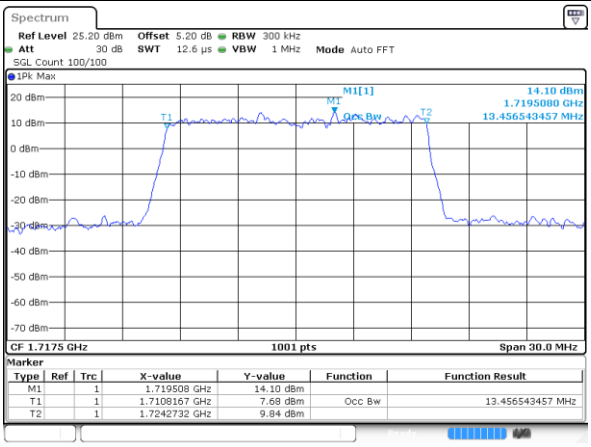


## LTE Band 4

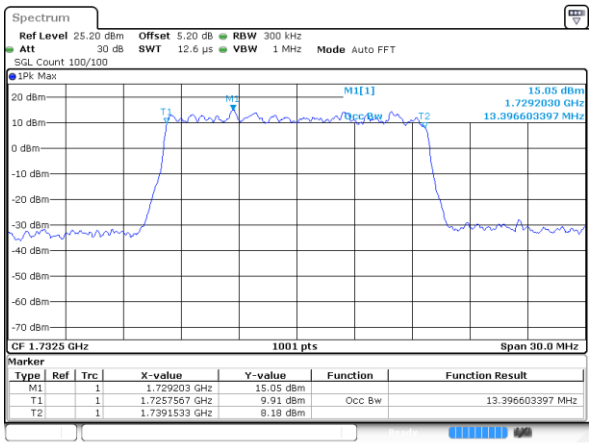
### Lowest Channel / 15MHz / QPSK



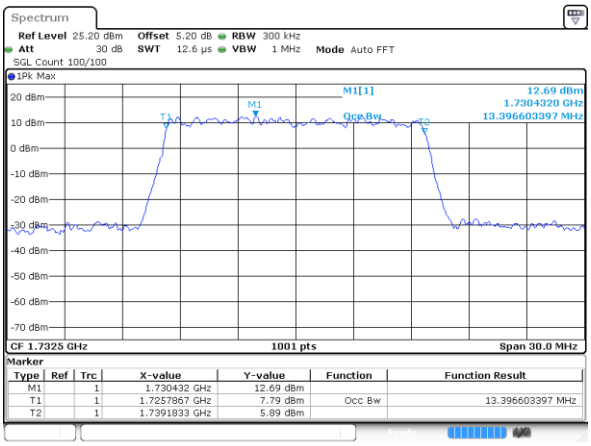

### Lowest Channel / 15MHz / 16QAM



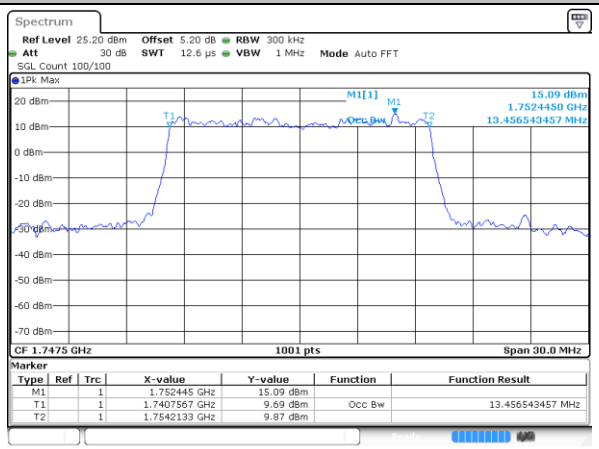

### Middle Channel / 15MHz / QPSK



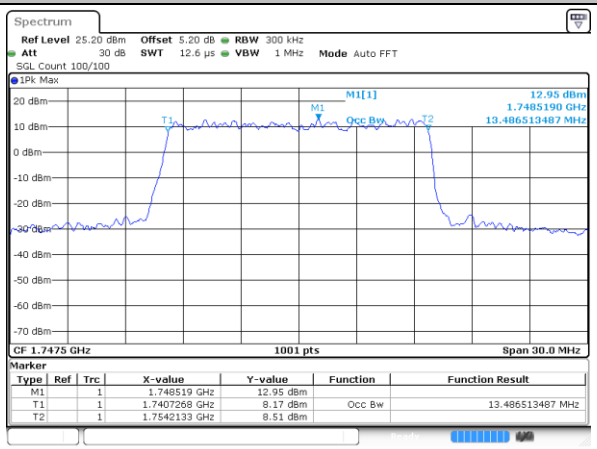

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

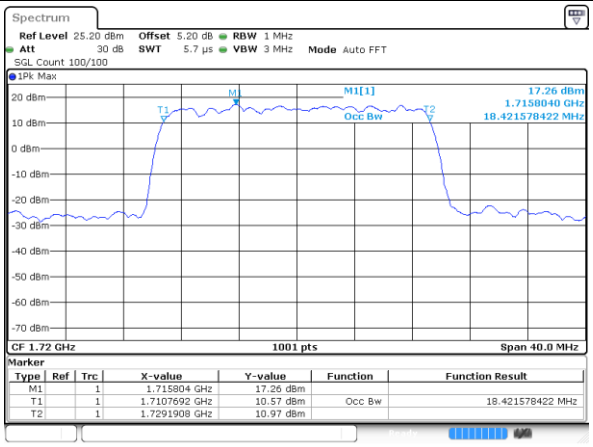



### Highest Channel / 15MHz / 16QAM

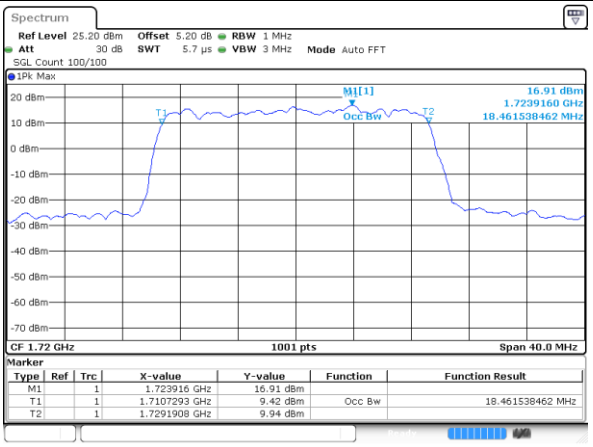


## LTE Band 4

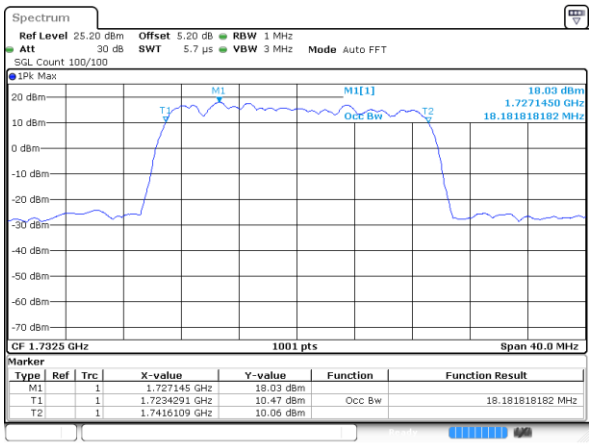
### Lowest Channel / 20MHz / QPSK



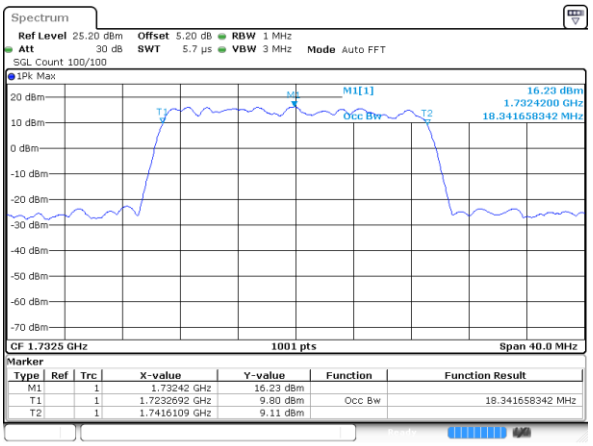

### Lowest Channel / 20MHz / 16QAM



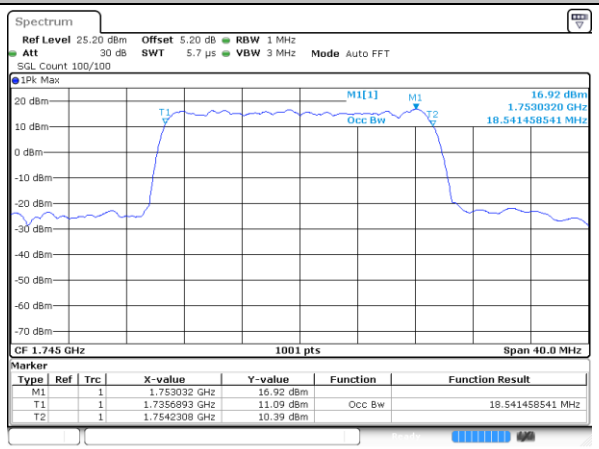

### Middle Channel / 20MHz / QPSK



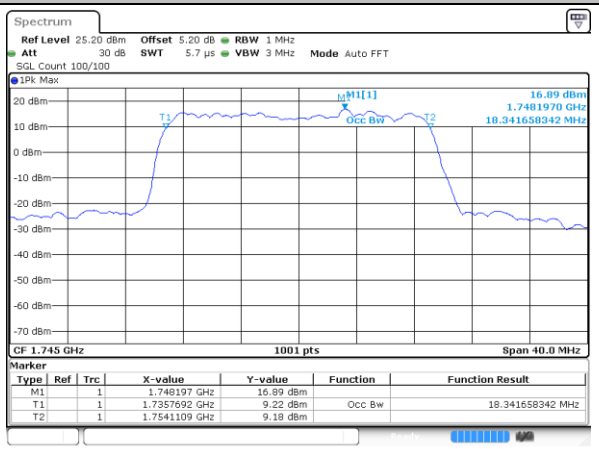

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

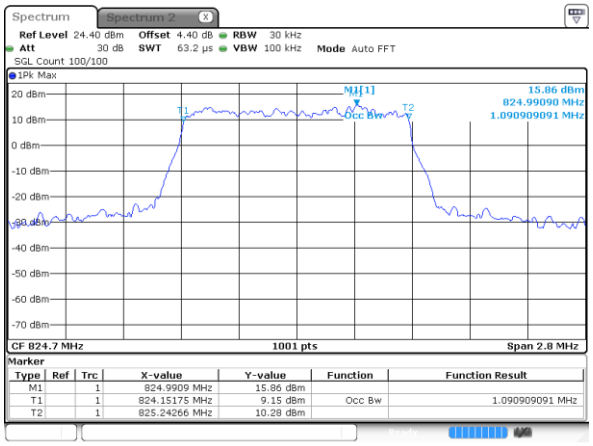



### Highest Channel / 20MHz / 16QAM



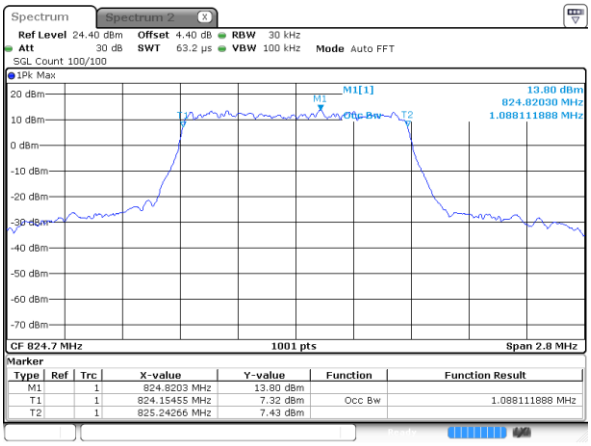
## LTE Band 5

### Lowest Channel / 1.4MHz / QPSK



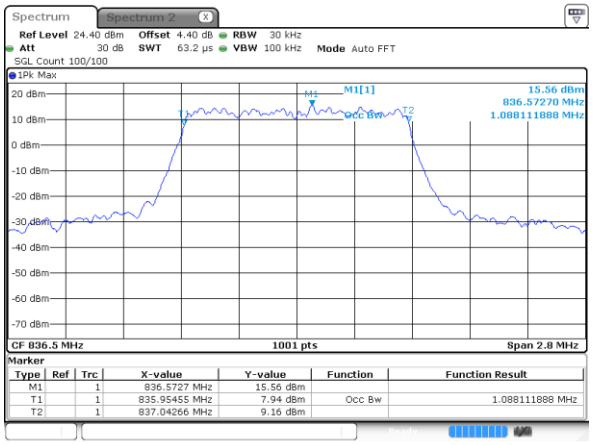

Date: 2.NOV.2017 23:16:33

### Lowest Channel / 1.4MHz / 16QAM



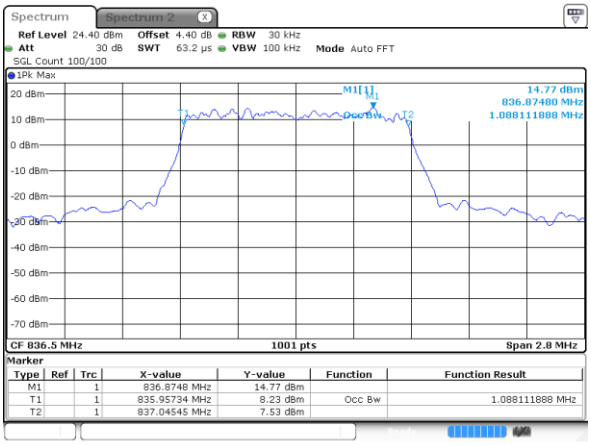

Date: 2.NOV.2017 23:16:43

### Middle Channel / 1.4MHz / QPSK



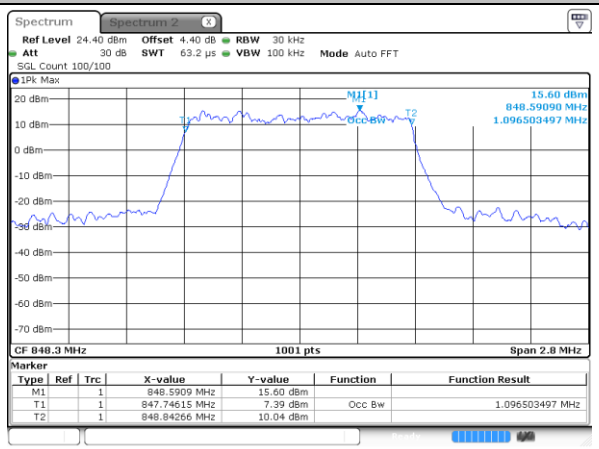

Date: 2.NOV.2017 23:25:31

### Middle Channel / 1.4MHz / 16QAM



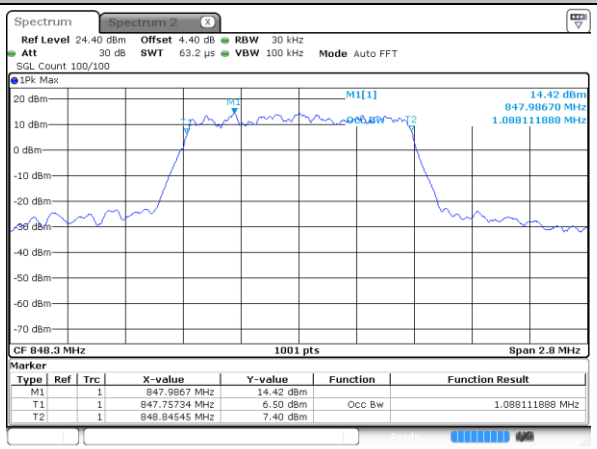

Date: 2.NOV.2017 23:25:41

### Highest Channel / 1.4MHz / QPSK




Date: 2.NOV.2017 23:27:59

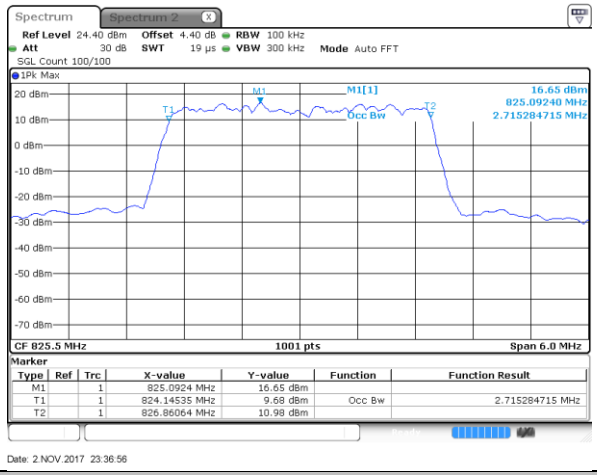
### Highest Channel / 1.4MHz / 16QAM



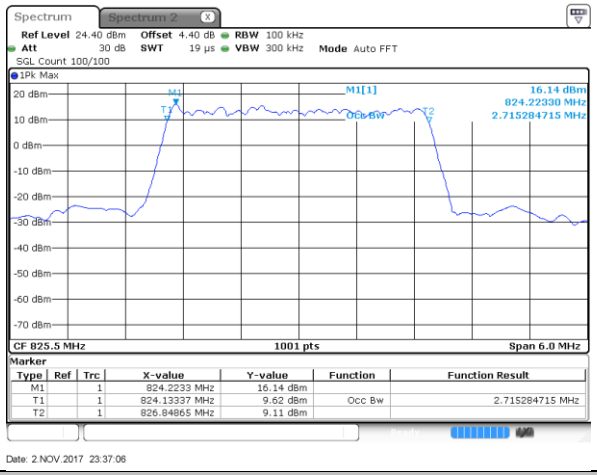

Date: 2.NOV.2017 23:28:09

## LTE Band 5

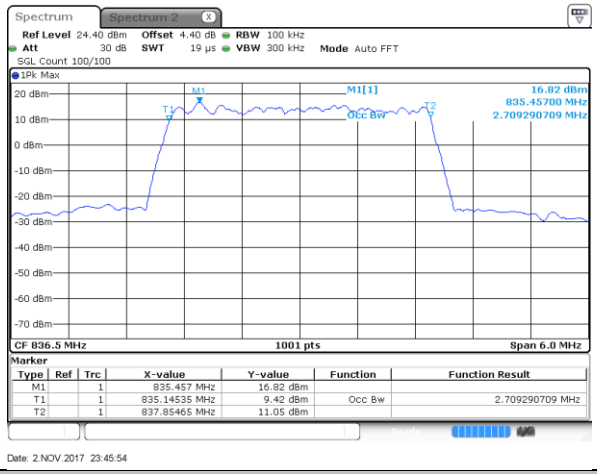
### Lowest Channel / 3MHz / QPSK



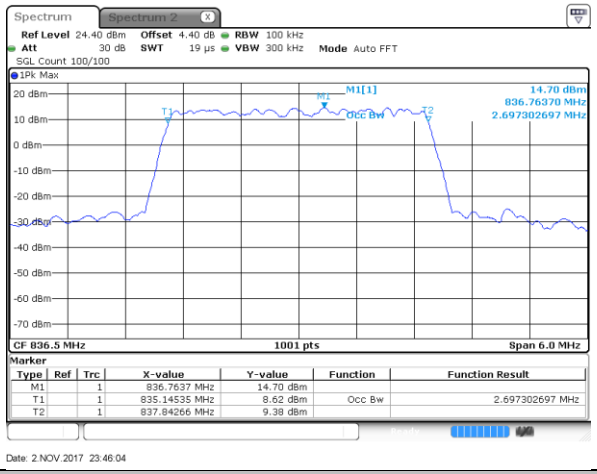

### Lowest Channel / 3MHz / 16QAM



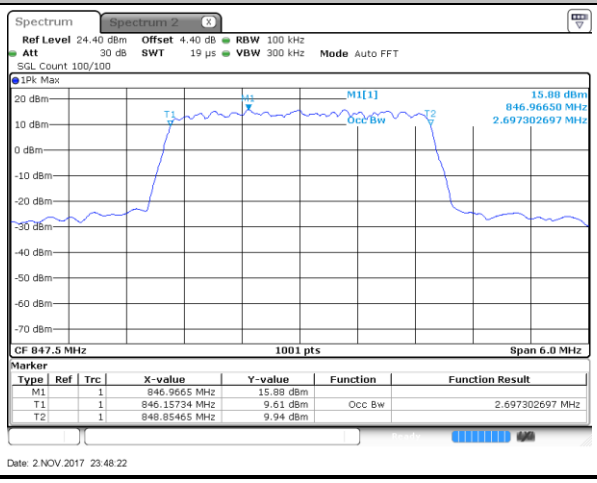

### Middle Channel / 3MHz / QPSK



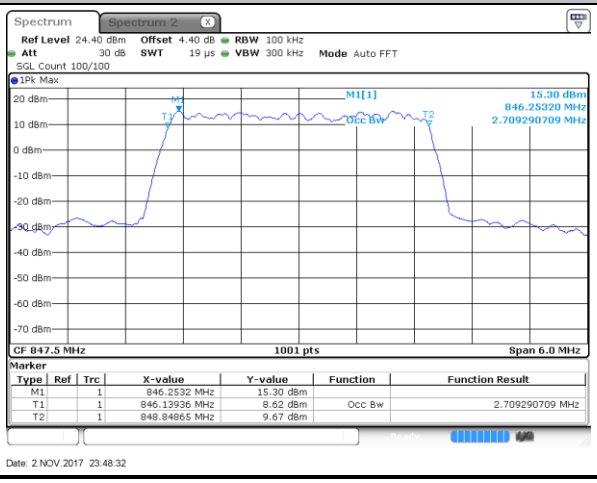

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

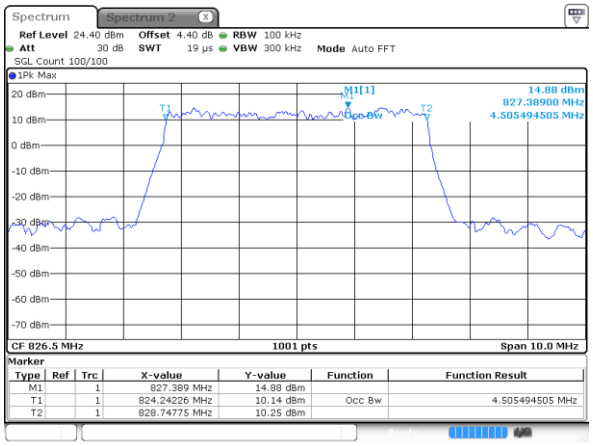



### Highest Channel / 3MHz / 16QAM



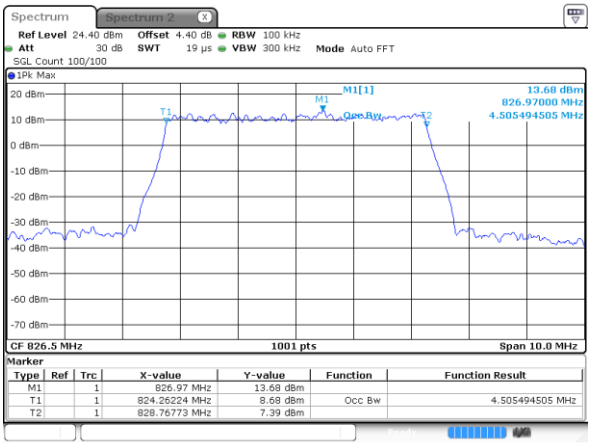
## LTE Band 5

### Lowest Channel / 5MHz / QPSK



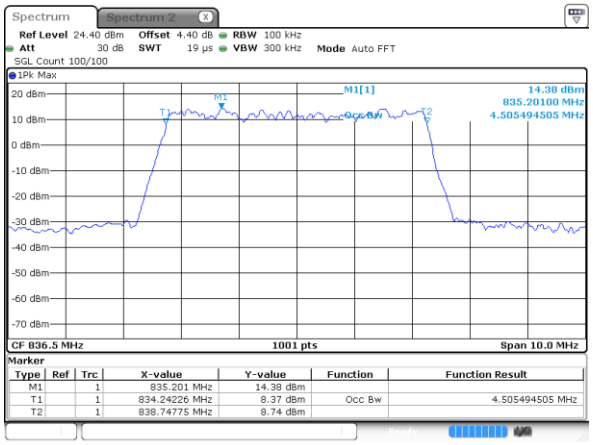

Date: 2.NOV.2017 23:57:20

### Lowest Channel / 5MHz / 16QAM



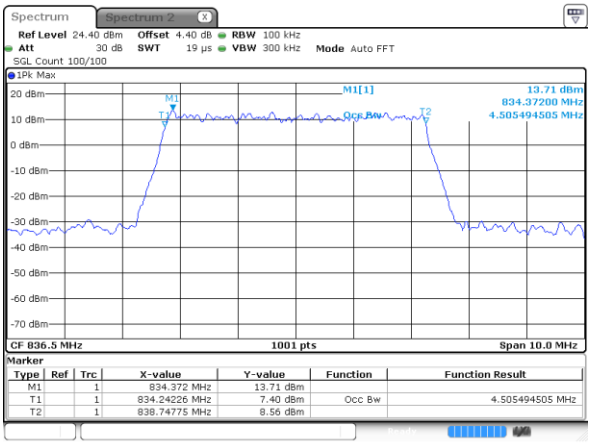

Date: 2.NOV.2017 23:57:30

### Middle Channel / 5MHz / QPSK



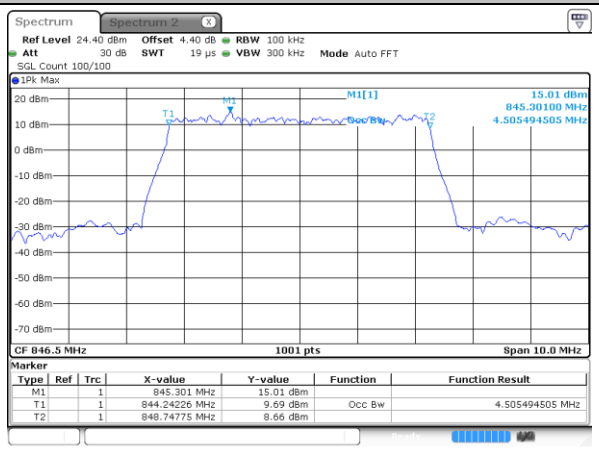

Date: 3.NOV.2017 00:06:18

### Middle Channel / 5MHz / 16QAM



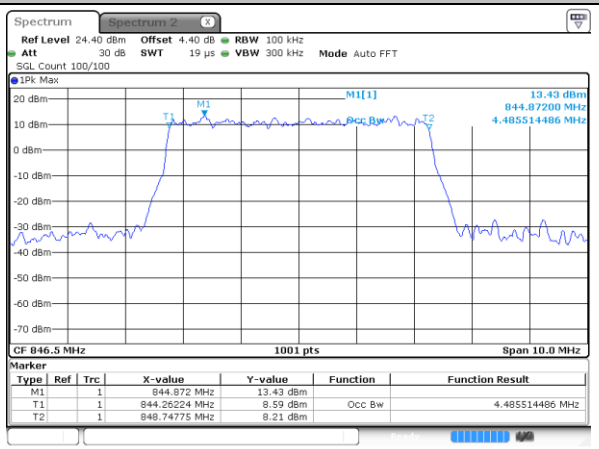

Date: 3.NOV.2017 00:06:28

### Highest Channel / 5MHz / QPSK




Date: 3.NOV.2017 00:08:46

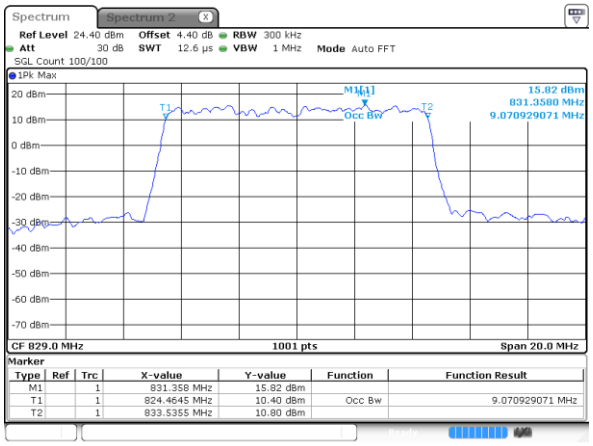
### Highest Channel / 5MHz / 16QAM




Date: 3.NOV.2017 00:08:56

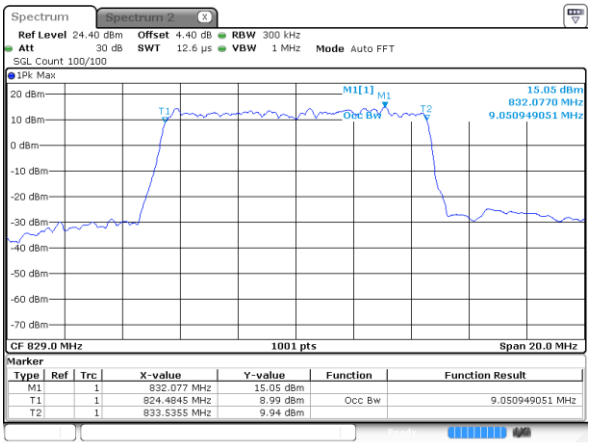
## LTE Band 5

### Lowest Channel / 10MHz / QPSK



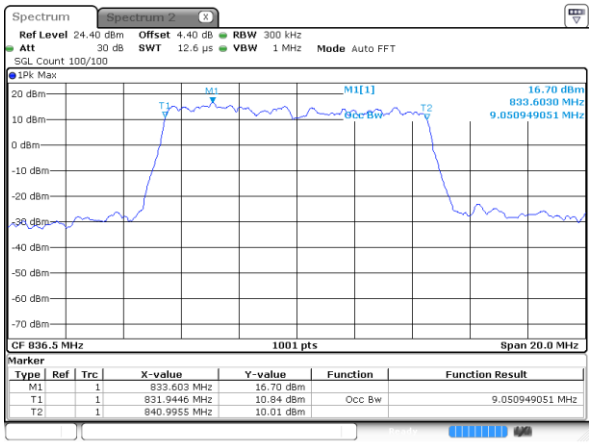

Date: 3.NOV.2017 00:17:44

### Lowest Channel / 10MHz / 16QAM



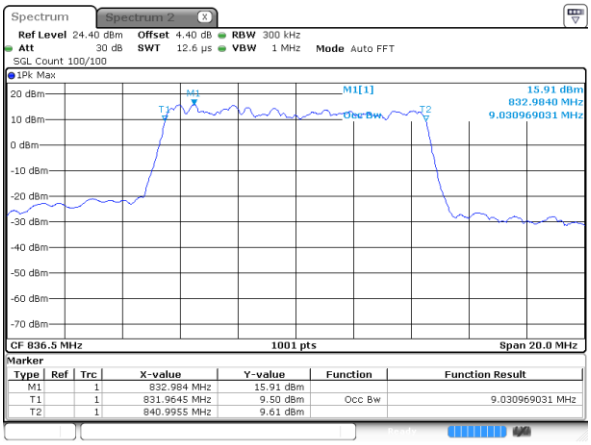

Date: 3.NOV.2017 00:17:54

### Middle Channel / 10MHz / QPSK



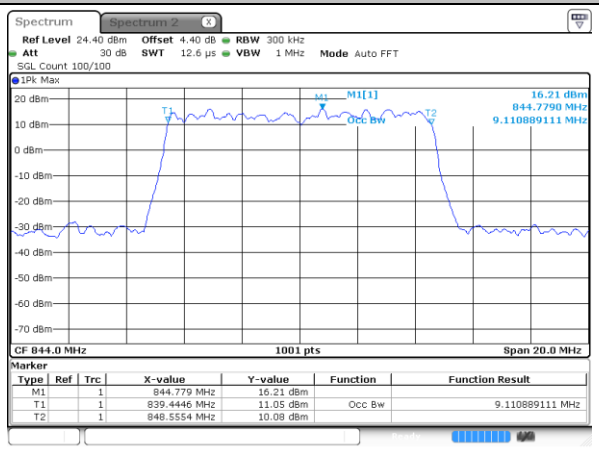

Date: 3.NOV.2017 00:26:41

### Middle Channel / 10MHz / 16QAM



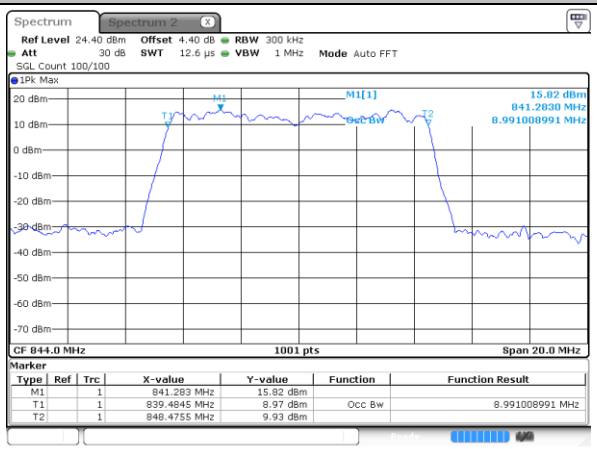

Date: 3.NOV.2017 00:26:51

### Highest Channel / 10MHz / QPSK




Date: 3.NOV.2017 00:29:09

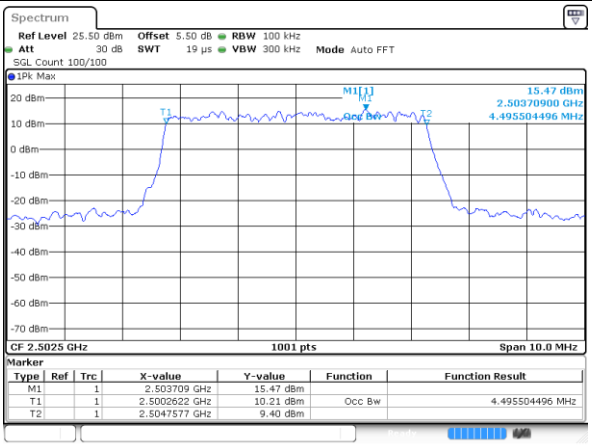
### Highest Channel / 10MHz / 16QAM



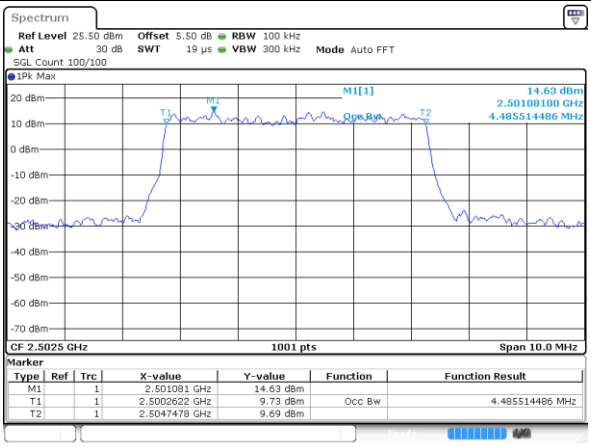

Date: 3.NOV.2017 00:29:19

## LTE Band 7

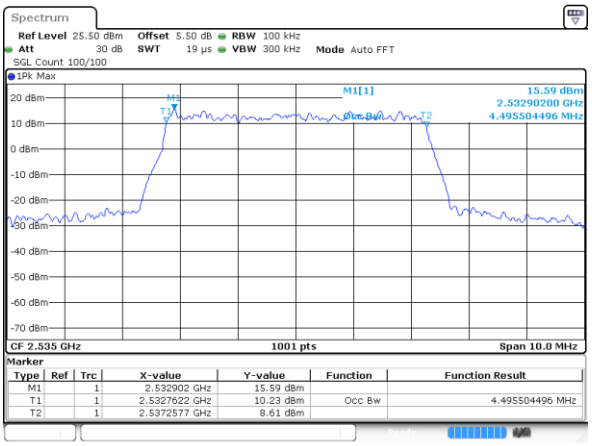
### Lowest Channel / 5MHz / QPSK



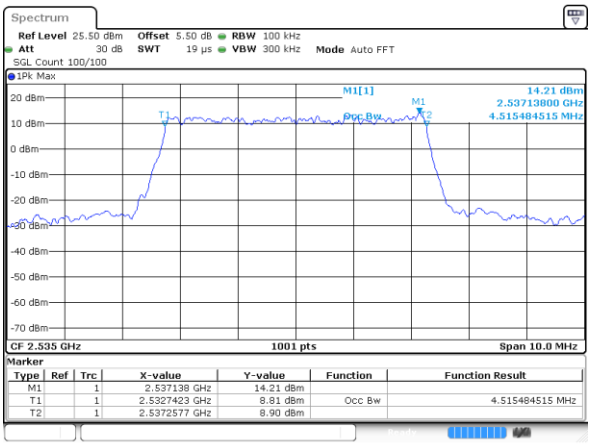

### Lowest Channel / 5MHz / 16QAM



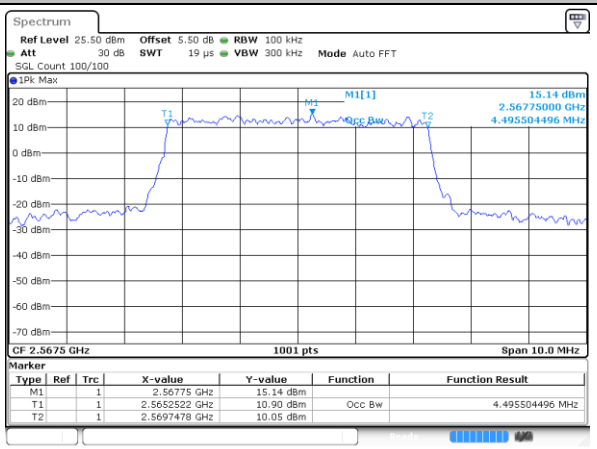

### Middle Channel / 5MHz / QPSK



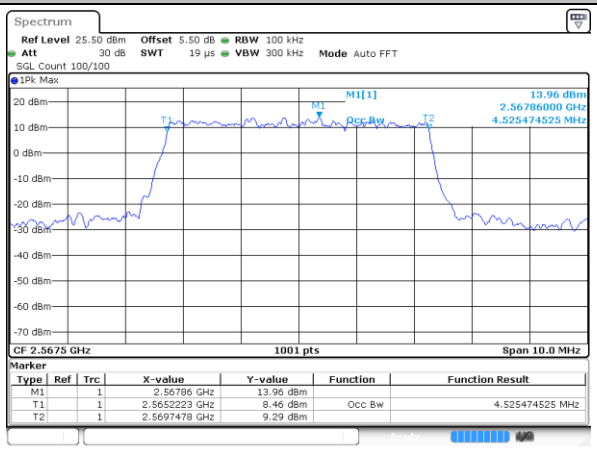

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

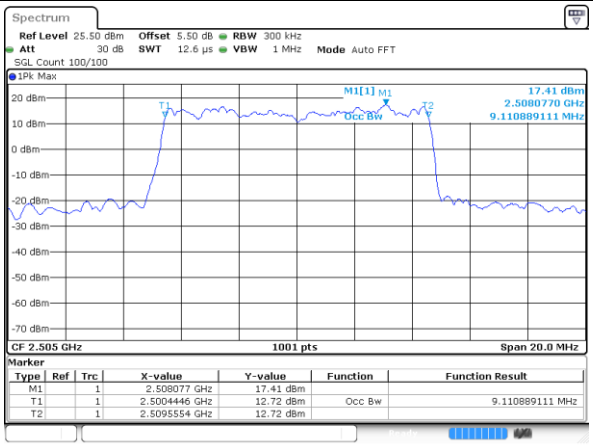



### Highest Channel / 5MHz / 16QAM

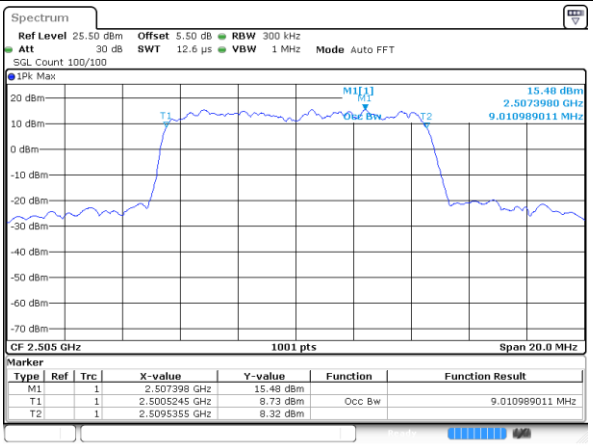


## LTE Band 7

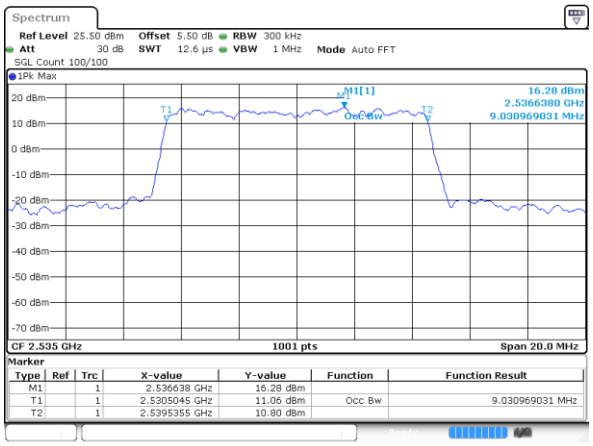
### Lowest Channel / 10MHz / QPSK



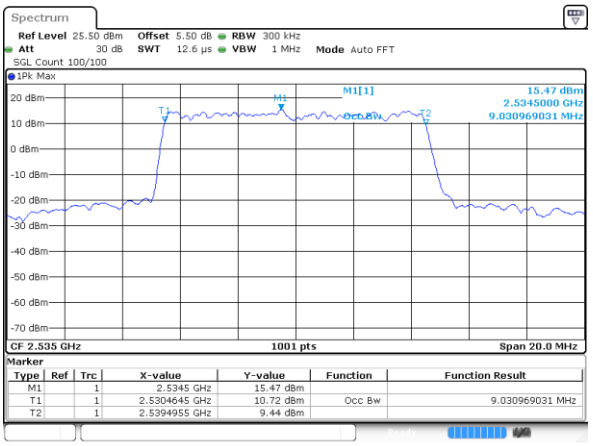

### Lowest Channel / 10MHz / 16QAM



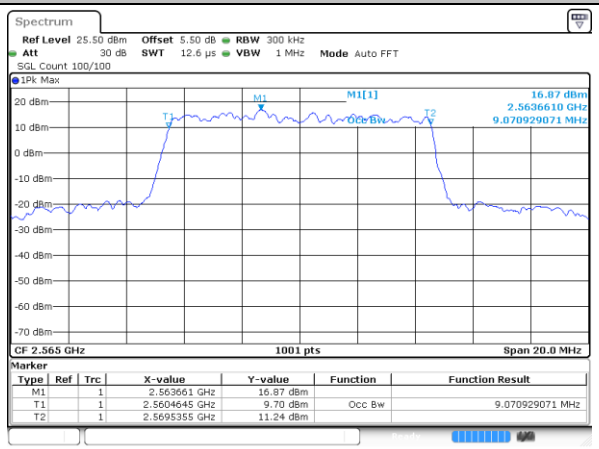

### Middle Channel / 10MHz / QPSK



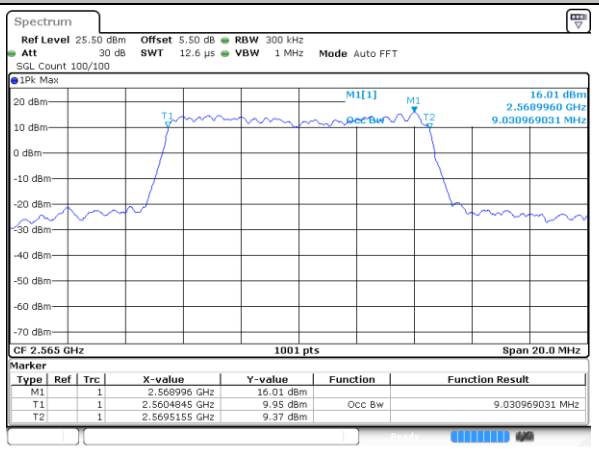

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

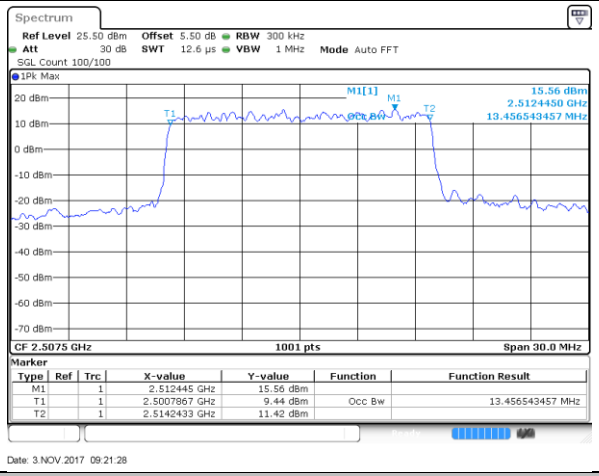



### Highest Channel / 10MHz / 16QAM

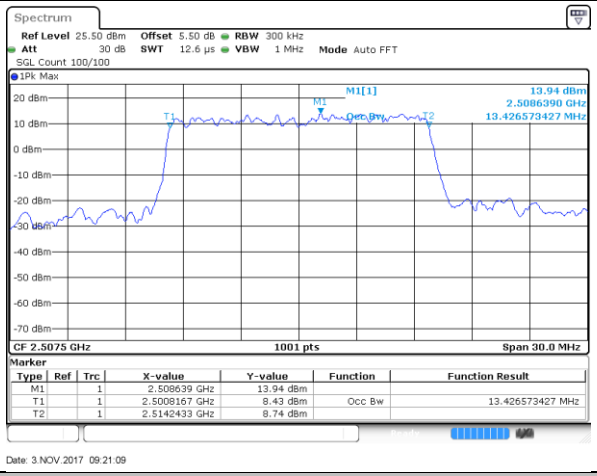


## LTE Band 7

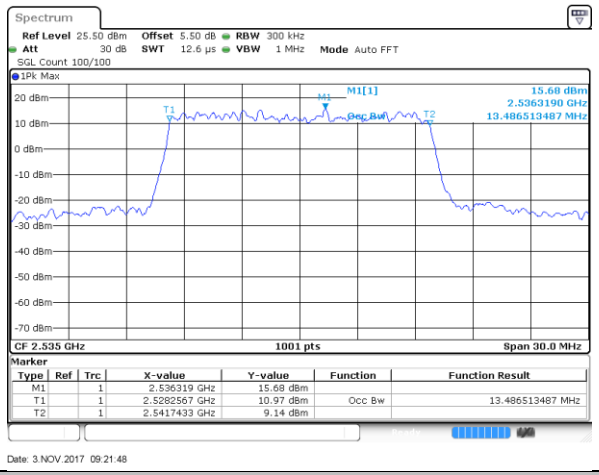
### Lowest Channel / 15MHz / QPSK



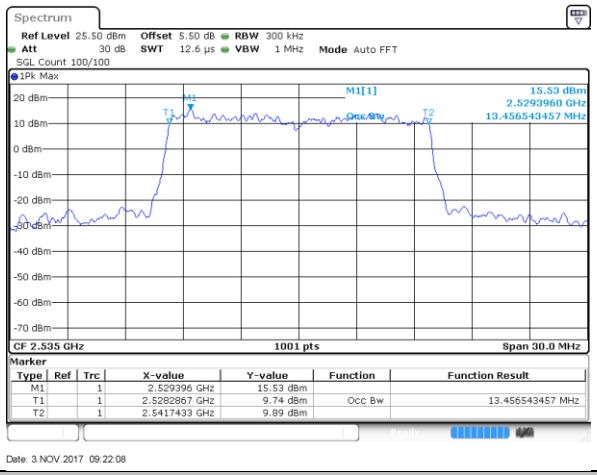

### Lowest Channel / 15MHz / 16QAM



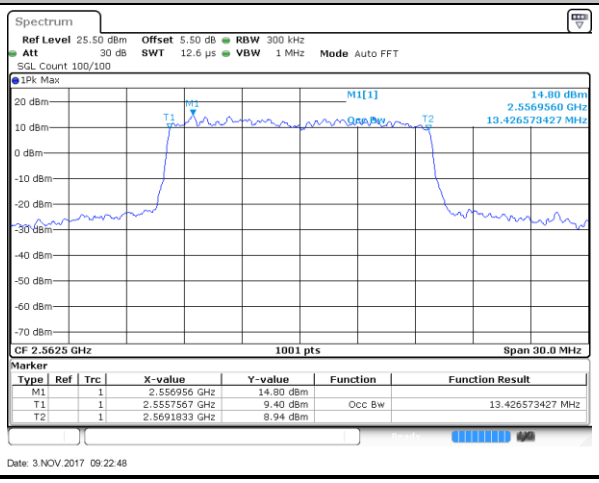

### Middle Channel / 15MHz / QPSK



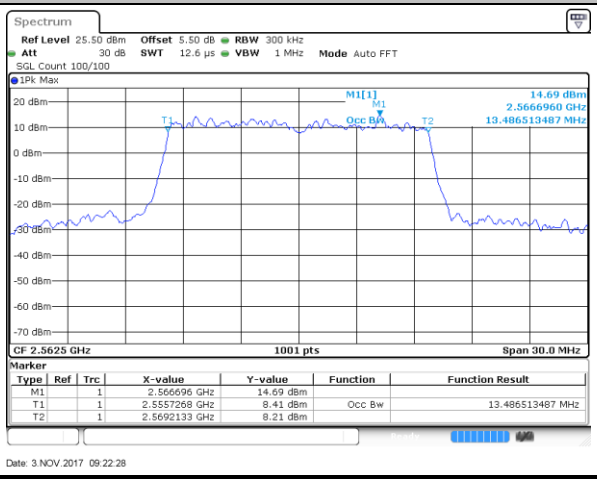

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

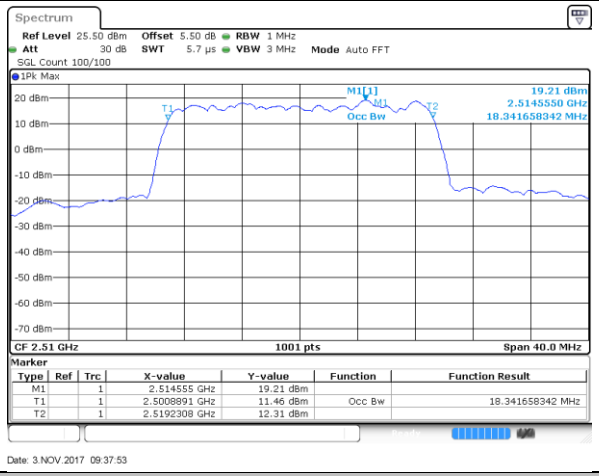



### Highest Channel / 15MHz / 16QAM

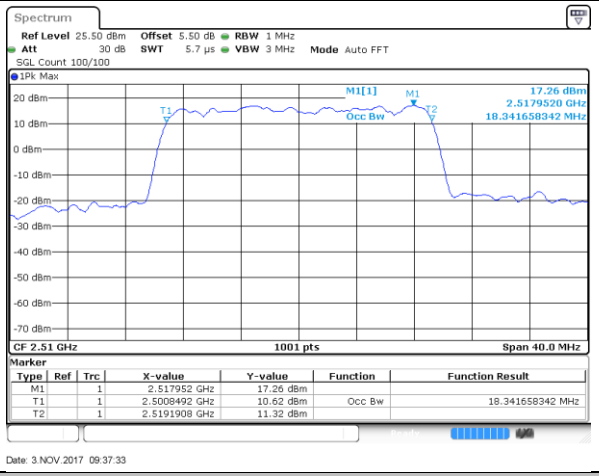


## LTE Band 7

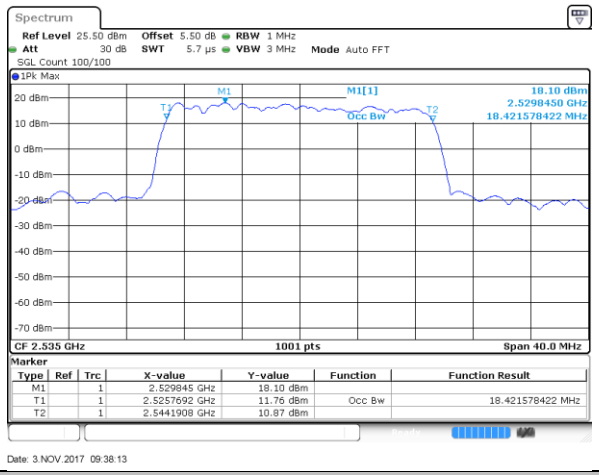
### Lowest Channel / 20MHz / QPSK



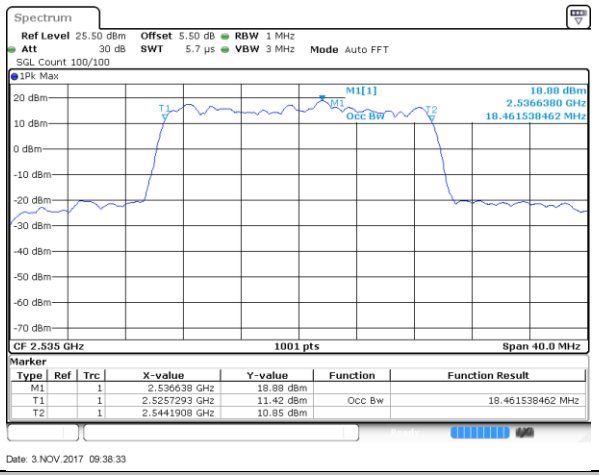

### Lowest Channel / 20MHz / 16QAM



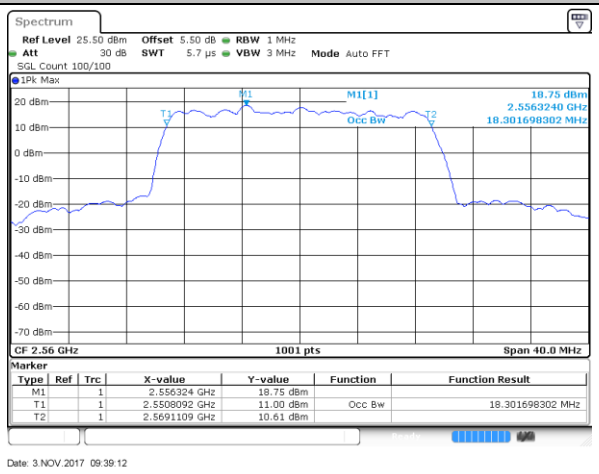

### Middle Channel / 20MHz / QPSK



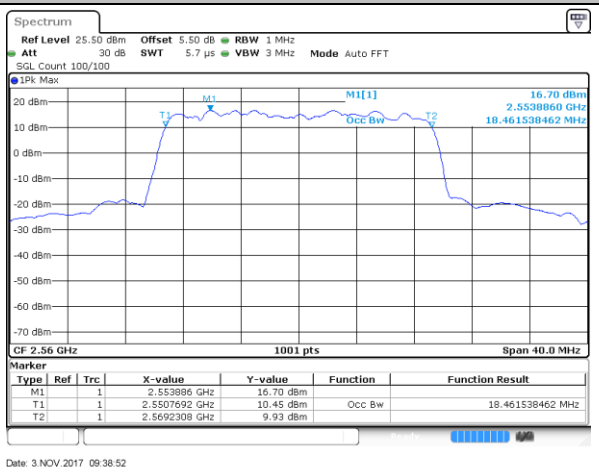

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

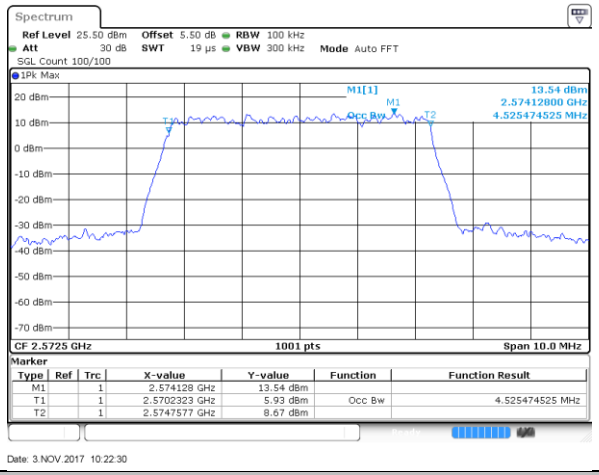



### Highest Channel / 20MHz / 16QAM

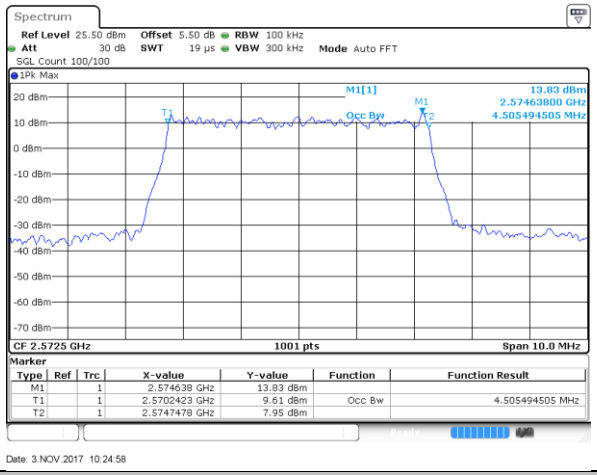


## LTE Band 38

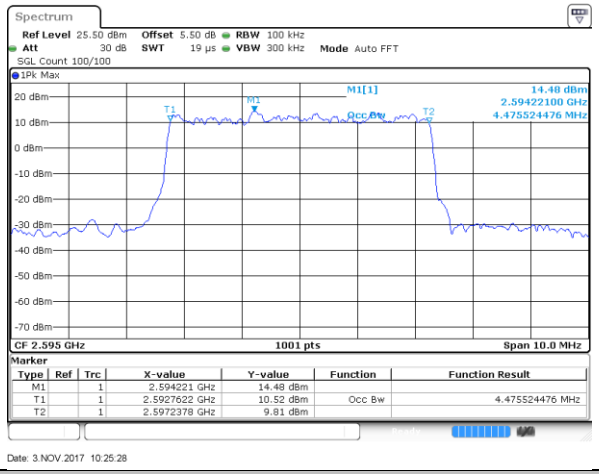
### Lowest Channel / 5MHz / QPSK



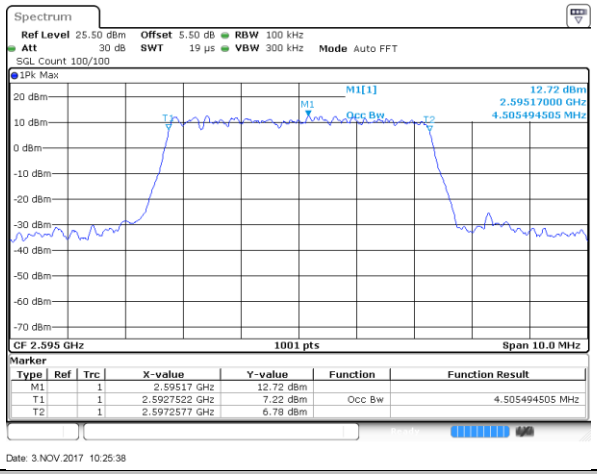

### Lowest Channel / 5MHz / 16QAM



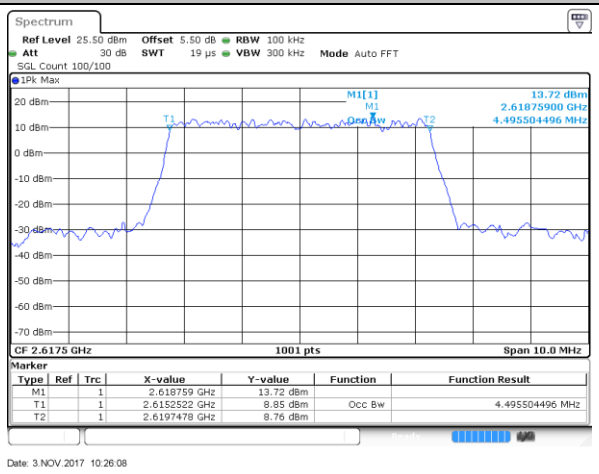

### Middle Channel / 5MHz / QPSK



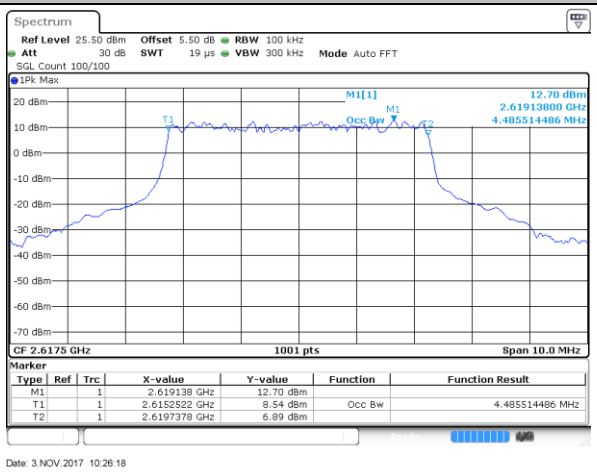

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

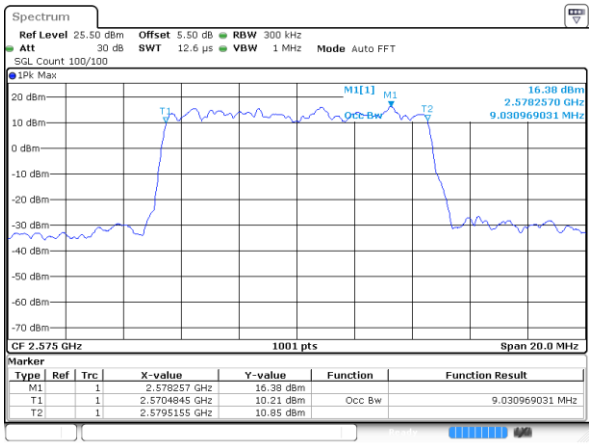



### Highest Channel / 5MHz / 16QAM

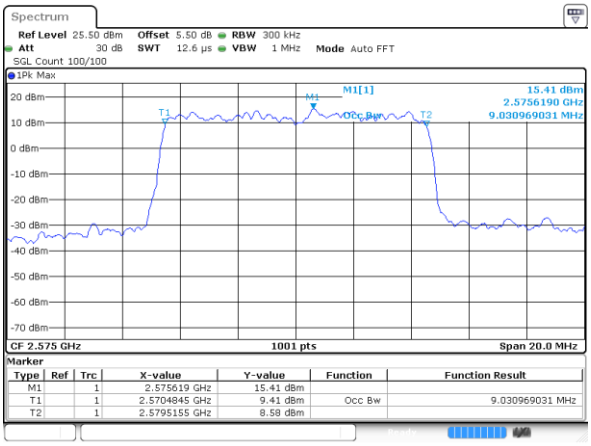


## LTE Band 38

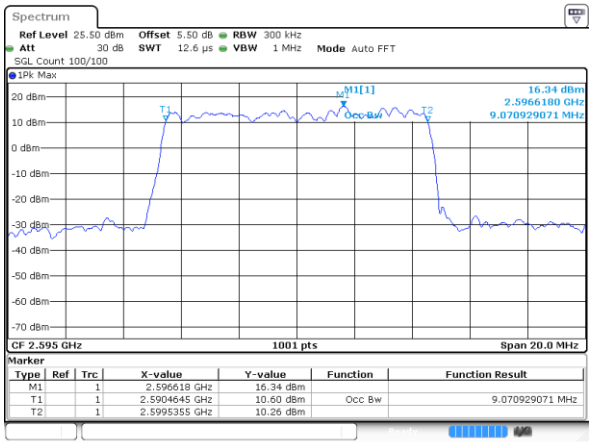
### Lowest Channel / 10MHz / QPSK



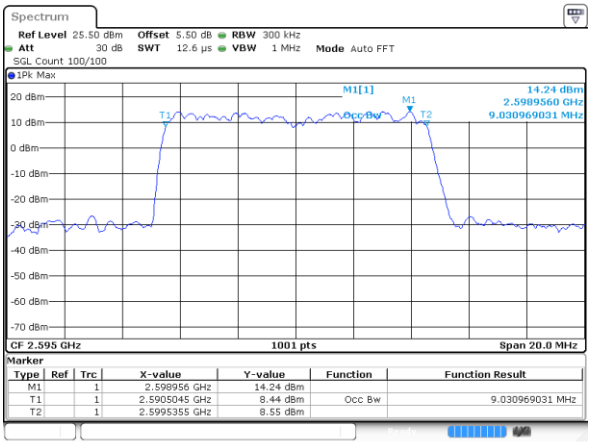

### Lowest Channel / 10MHz / 16QAM



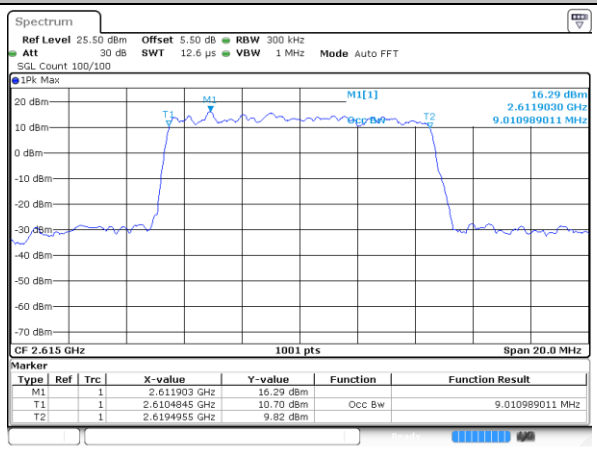

### Middle Channel / 10MHz / QPSK



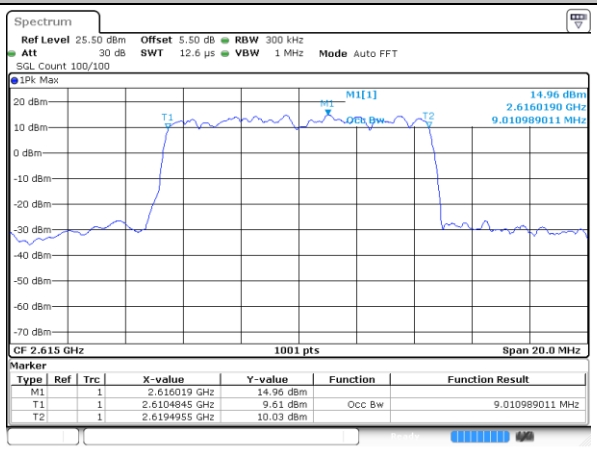

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

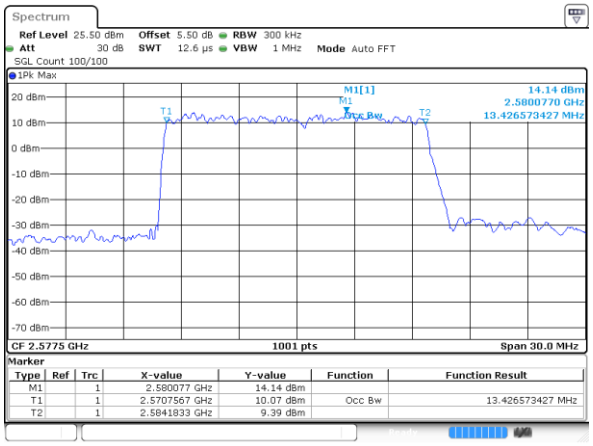



### Highest Channel / 10MHz / 16QAM



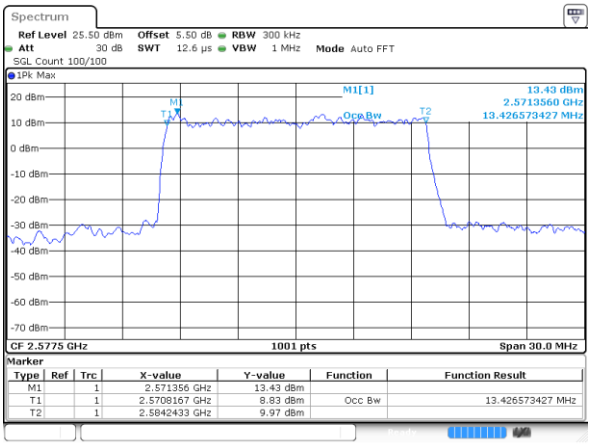
## LTE Band 38

### Lowest Channel / 15MHz / QPSK



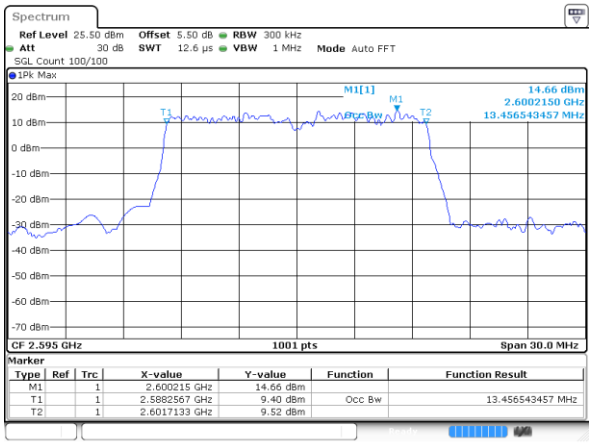

Date: 3.NOV.2017 10:29:05

### Lowest Channel / 15MHz / 16QAM



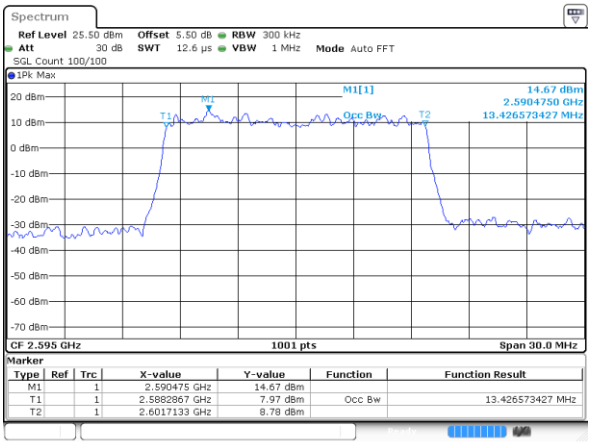

Date: 3.NOV.2017 10:29:15

### Middle Channel / 15MHz / QPSK



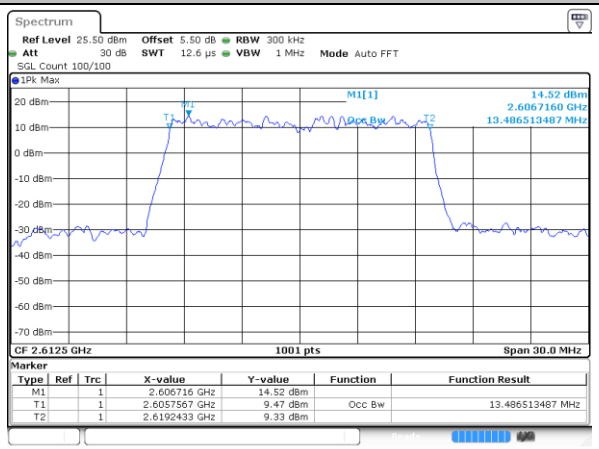

Date: 3.NOV.2017 10:29:44

### Middle Channel / 15MHz / 16QAM



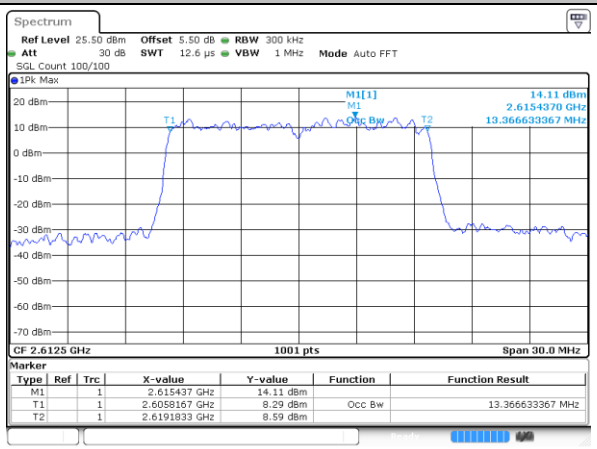

Date: 3.NOV.2017 10:29:54

### Highest Channel / 15MHz / QPSK




Date: 3.NOV.2017 10:30:24

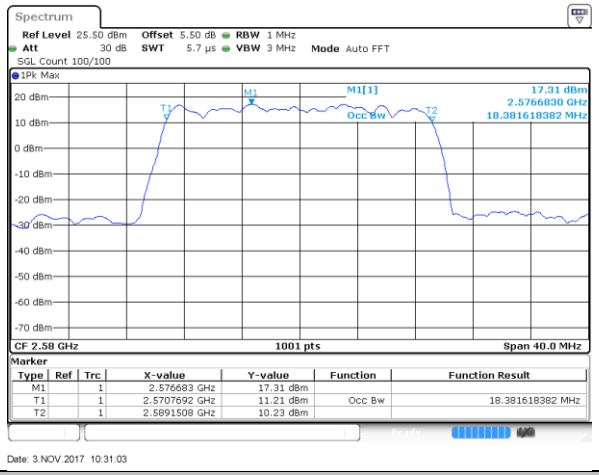
### Highest Channel / 15MHz / 16QAM




Date: 3.NOV.2017 10:30:34

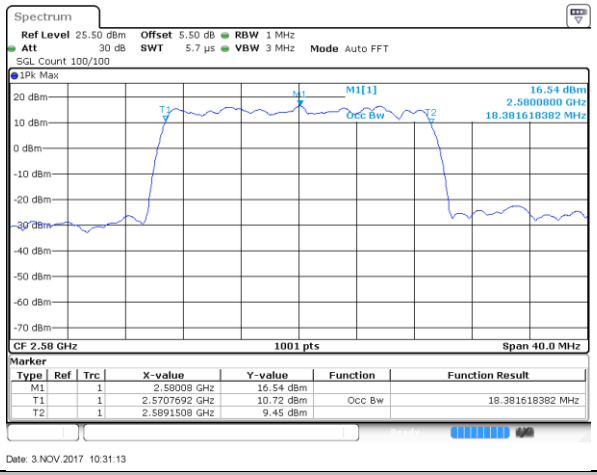
## LTE Band 38

### Lowest Channel / 20MHz / QPSK



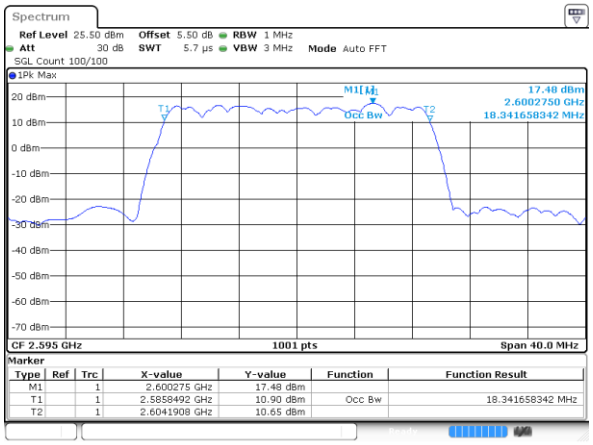

Date: 3.NOV.2017 10:31:03

### Lowest Channel / 20MHz / 16QAM



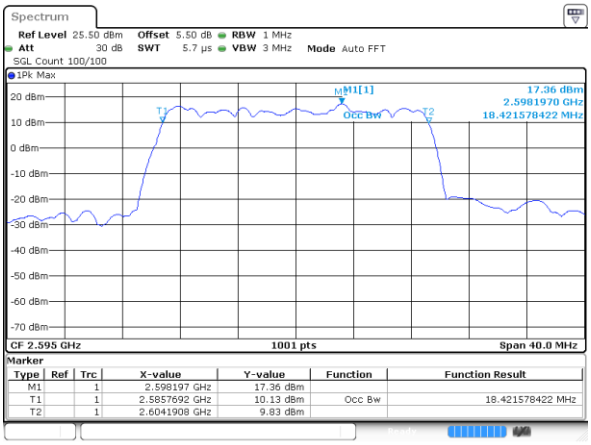

Date: 3.NOV.2017 10:31:13

### Middle Channel / 20MHz / QPSK



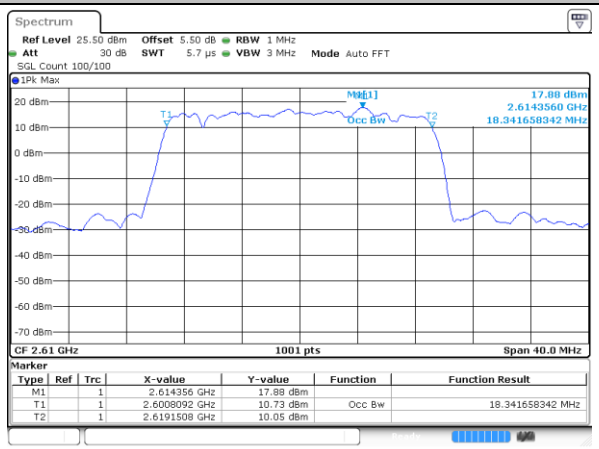

Date: 3.NOV.2017 10:31:43

### Middle Channel / 20MHz / 16QAM



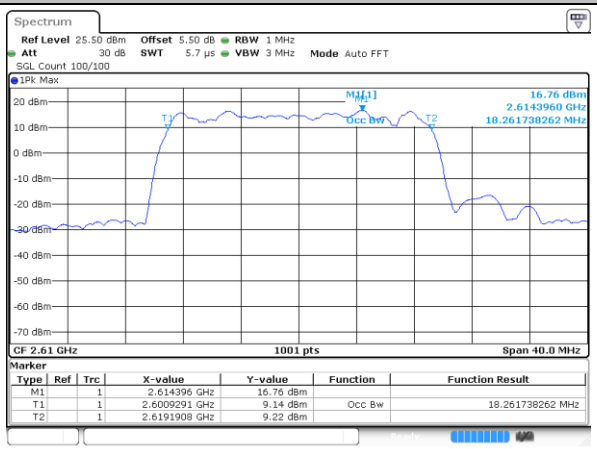

Date: 3.NOV.2017 10:31:53

### Highest Channel / 20MHz / QPSK




Date: 3.NOV.2017 10:32:23

### Highest Channel / 20MHz / 16QAM

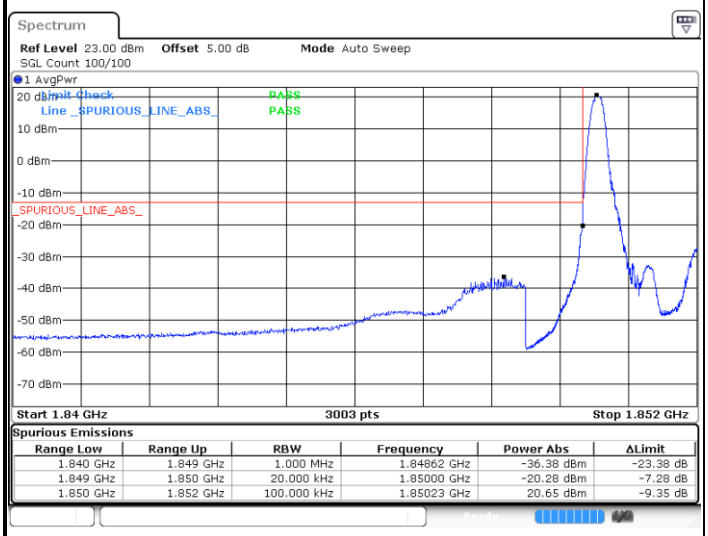



Date: 3.NOV.2017 10:32:33

# Conducted Band Edge

## LTE Band 2 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

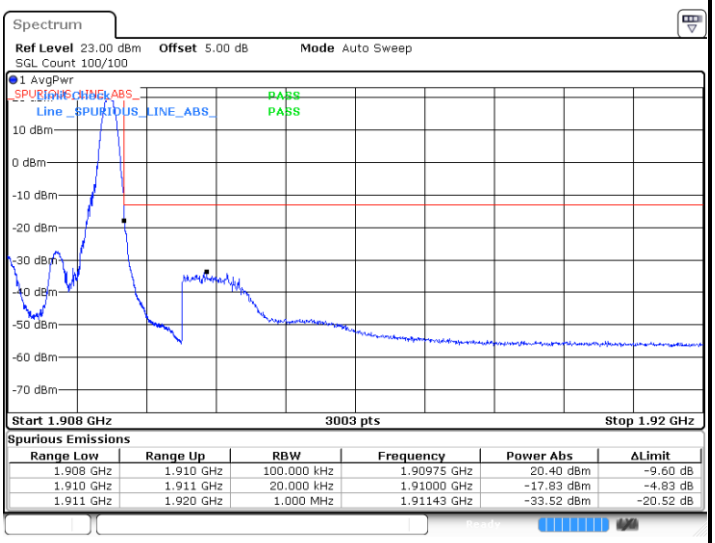



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84862 GHz | -36.38 dBm | -23.38 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.85000 GHz | -20.28 dBm | -7.28 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85023 GHz | 20.65 dBm | -9.35 dB |

Date: 22.JAN.2018 08:38:26

### Highest Band Edge / 1RB

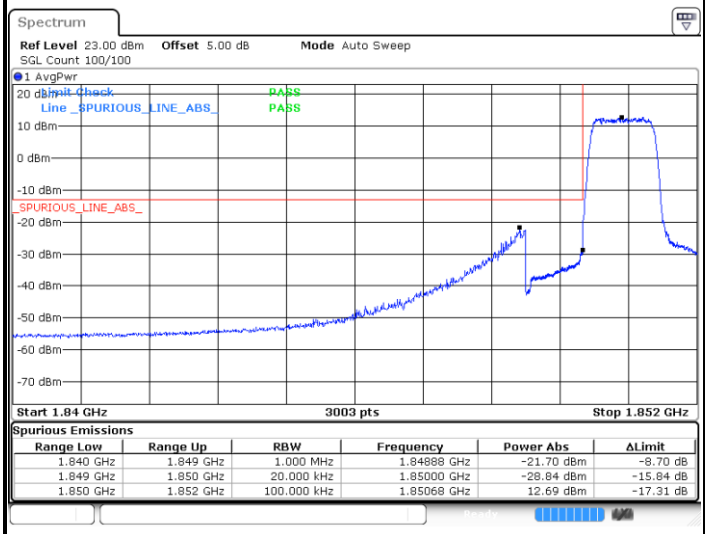



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90975 GHz | 20.40 dBm | -9.60 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91000 GHz | -17.83 dBm | -4.83 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91143 GHz | -33.52 dBm | -20.52 dB |

Date: 22.JAN.2018 08:48:07

### Lowest Band Edge / Full RB

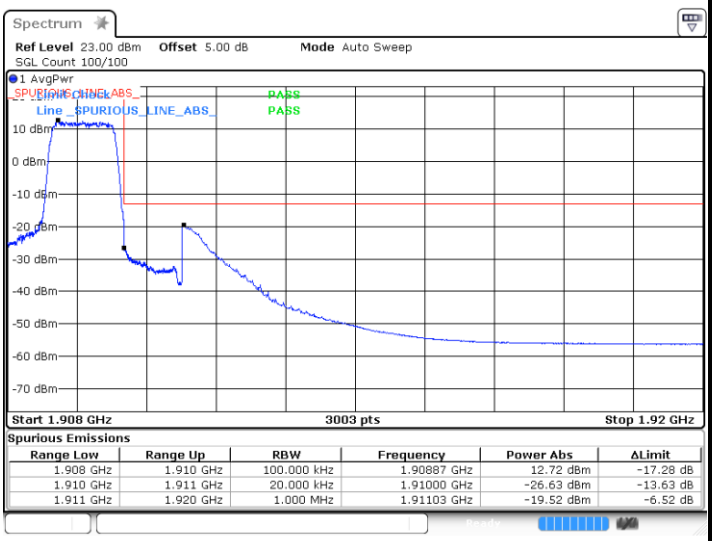



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84888 GHz | -21.70 dBm | -8.70 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.85000 GHz | -28.84 dBm | -15.84 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85068 GHz | 12.69 dBm | -17.31 dB |

Date: 22.JAN.2018 08:40:44

### Highest Band Edge / Full RB



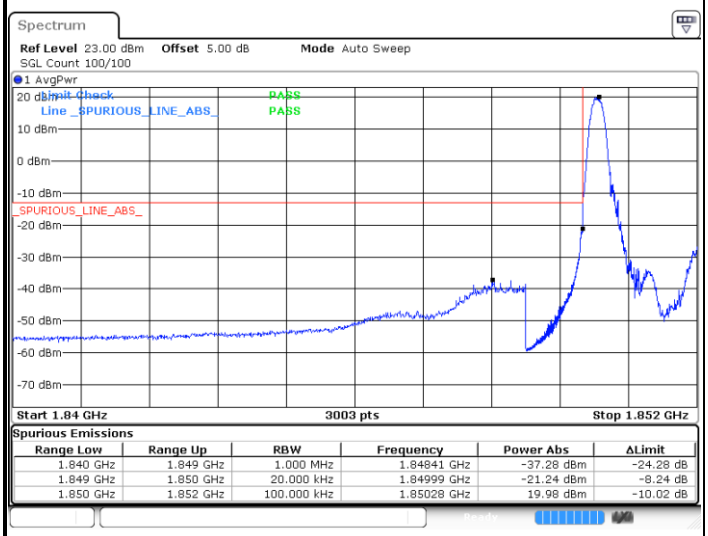

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90887 GHz | 12.72 dBm | -17.28 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91000 GHz | -26.63 dBm | -13.63 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91103 GHz | -19.52 dBm | -6.52 dB |

Date: 22.JAN.2018 10:59:52

## LTE Band 2 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

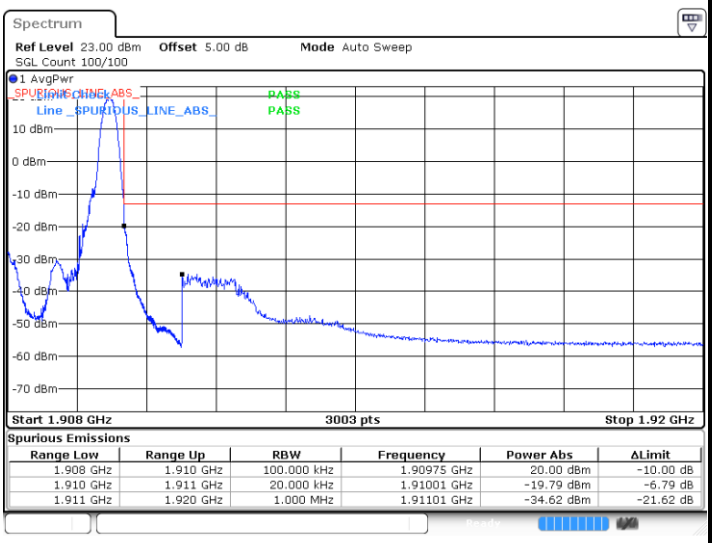



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84841 GHz | -37.28 dBm | -24.28 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.84999 GHz | -21.24 dBm | -8.24 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85028 GHz | 19.98 dBm | -10.02 dB |

Date: 22.JAN.2018 08:39:35

### Highest Band Edge / 1 RB

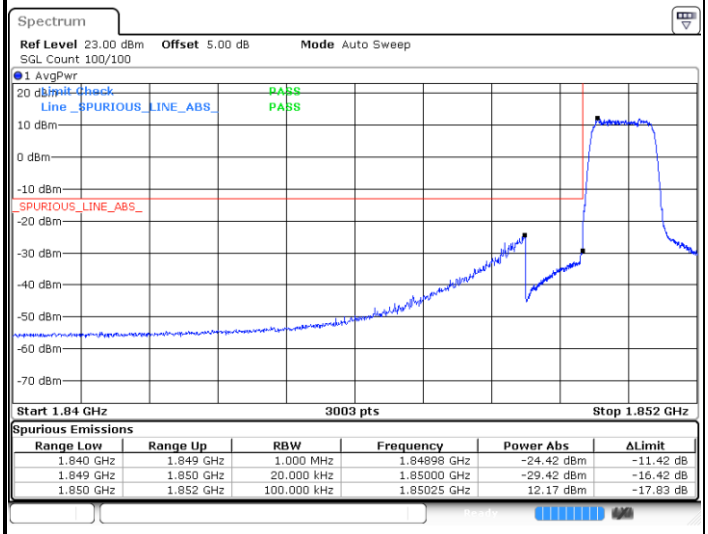



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90975 GHz | 20.00 dBm | -10.00 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91001 GHz | -19.79 dBm | -6.79 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91101 GHz | -34.62 dBm | -21.62 dB |

Date: 22.JAN.2018 08:49:17

### Lowest Band Edge / Full RB

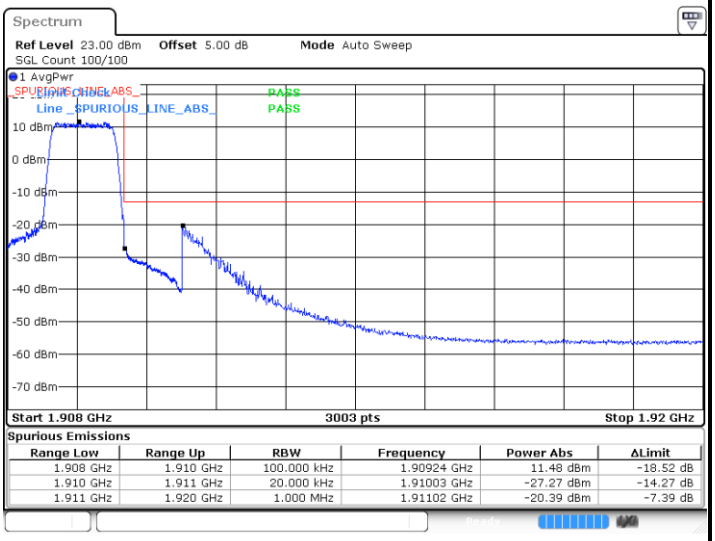



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84898 GHz | -24.42 dBm | -11.42 dB |
| 1.849 GHz | 1.850 GHz | 20.000 kHz | 1.85000 GHz | -29.42 dBm | -16.42 dB |
| 1.850 GHz | 1.852 GHz | 100.000 kHz | 1.85025 GHz | 12.17 dBm | -17.83 dB |

Date: 22.JAN.2018 08:41:53

### Highest Band Edge / Full RB



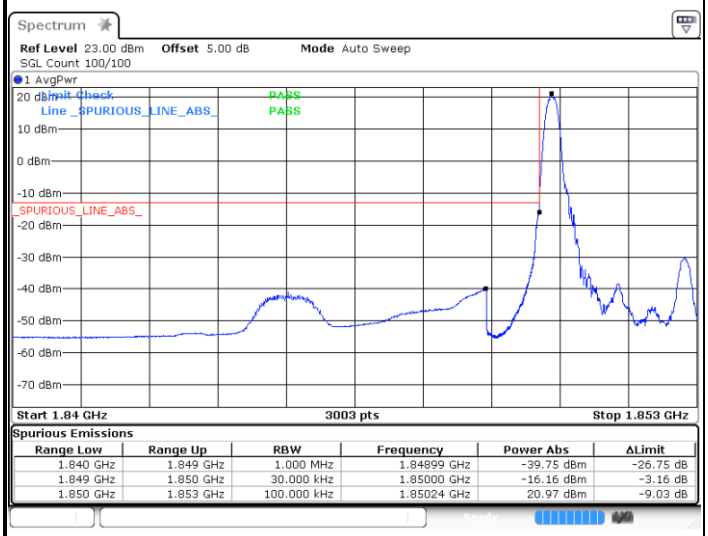

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.908 GHz | 1.910 GHz | 100.000 kHz | 1.90924 GHz | 11.48 dBm | -18.52 dB |
| 1.910 GHz | 1.911 GHz | 20.000 kHz | 1.91003 GHz | -27.27 dBm | -14.27 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91102 GHz | -20.39 dBm | -7.39 dB |

Date: 22.JAN.2018 08:51:35

## LTE Band 2 / 3MHz / QPSK

### Lowest Band Edge / 1RB

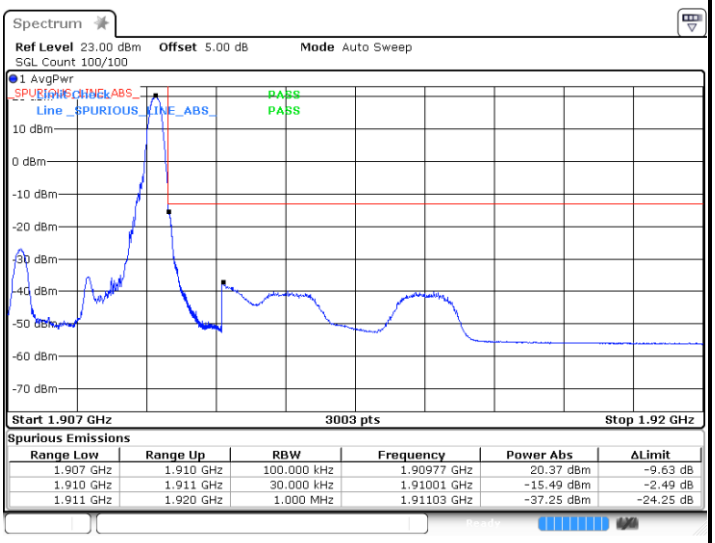



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84899 GHz | -39.75 dBm | -26.75 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -16.16 dBm | -3.16 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85024 GHz | 20.97 dBm | -9.03 dB |

Date: 22.JAN.2018 10:57:35

### Highest Band Edge / 1 RB

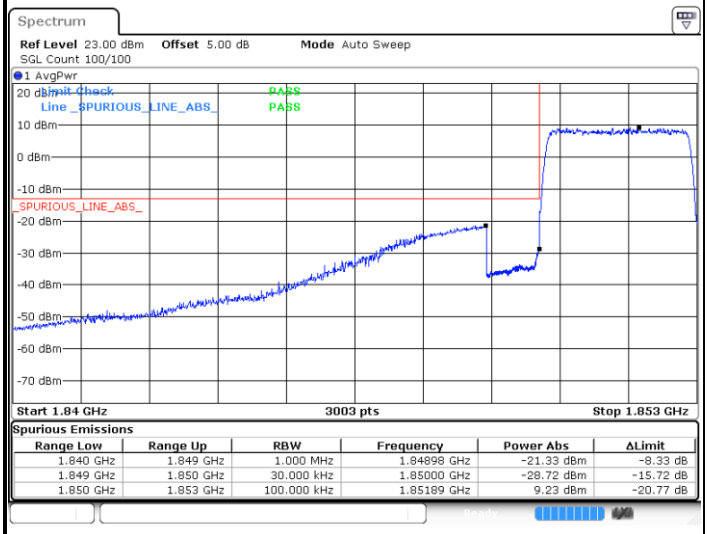



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90977 GHz | 20.37 dBm | -9.63 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91001 GHz | -15.49 dBm | -2.49 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91103 GHz | -37.25 dBm | -24.25 dB |

Date: 22.JAN.2018 10:54:48

### Lowest Band Edge / Full RB

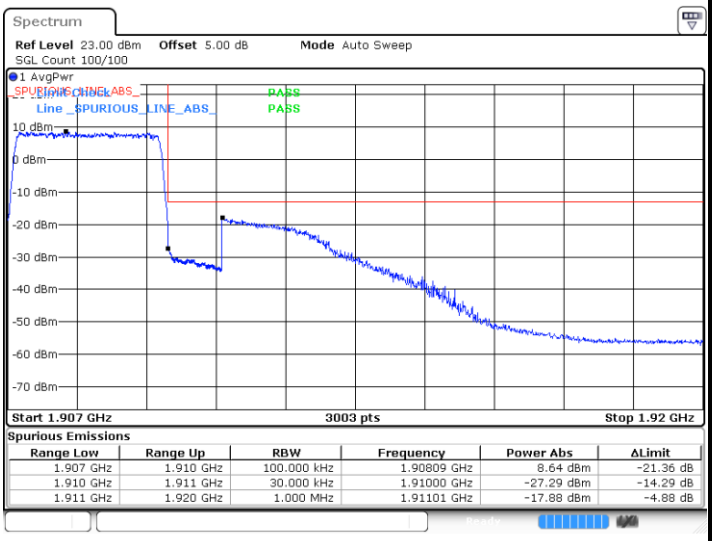



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84898 GHz | -21.33 dBm | -8.33 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -28.72 dBm | -15.72 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85189 GHz | 9.23 dBm | -20.77 dB |

Date: 22.JAN.2018 08:57:35

### Highest Band Edge / Full RB



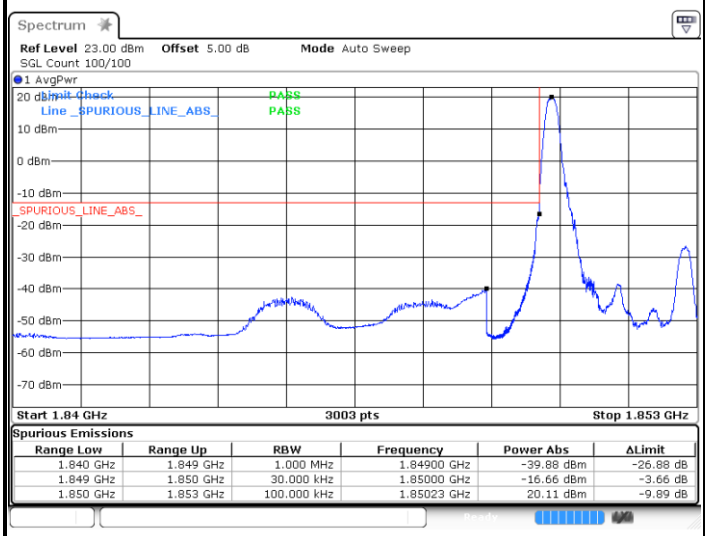

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90809 GHz | 8.64 dBm | -21.36 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91000 GHz | -27.29 dBm | -14.29 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91101 GHz | -17.88 dBm | -4.88 dB |

Date: 22.JAN.2018 09:07:16

## LTE Band 2 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

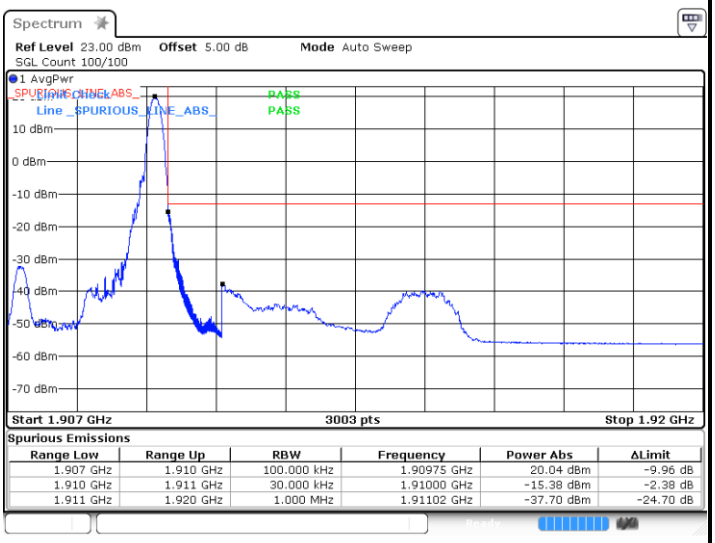



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84900 GHz | -39.88 dBm | -26.88 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -16.66 dBm | -3.66 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85023 GHz | 20.11 dBm | -9.89 dB |

Date: 22.JAN.2018 10:56:41

### Highest Band Edge /1 RB

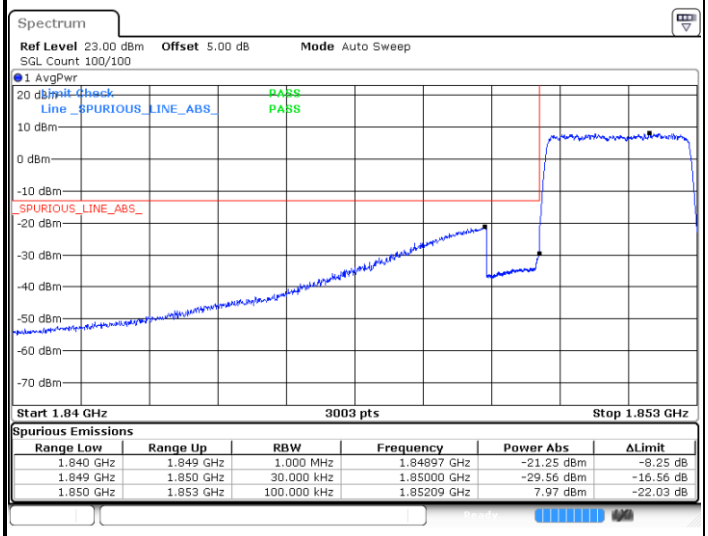



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90975 GHz | 20.04 dBm | -9.96 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91000 GHz | -15.38 dBm | -2.38 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91102 GHz | -37.70 dBm | -24.70 dB |

Date: 22.JAN.2018 10:55:49

### Lowest Band Edge / Full RB

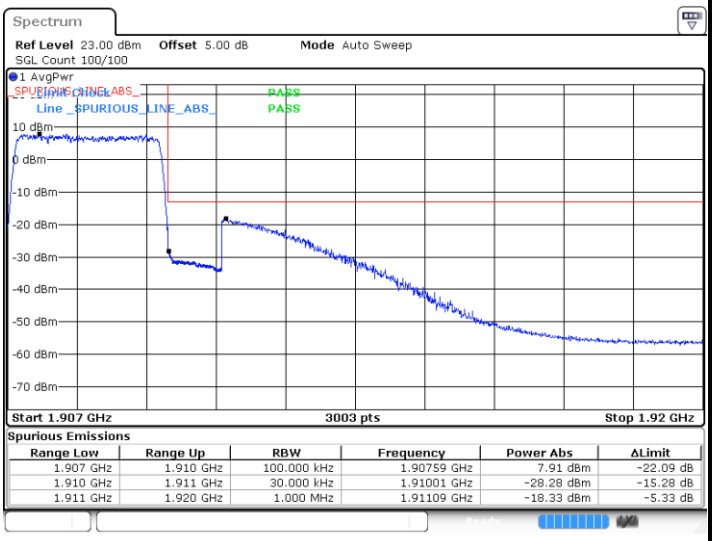



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84897 GHz | -21.25 dBm | -8.25 dB |
| 1.849 GHz | 1.850 GHz | 30.000 kHz | 1.85000 GHz | -29.56 dBm | -16.56 dB |
| 1.850 GHz | 1.853 GHz | 100.000 kHz | 1.85209 GHz | 7.97 dBm | -22.03 dB |

Date: 22.JAN.2018 08:58:44

### Highest Band Edge / Full RB



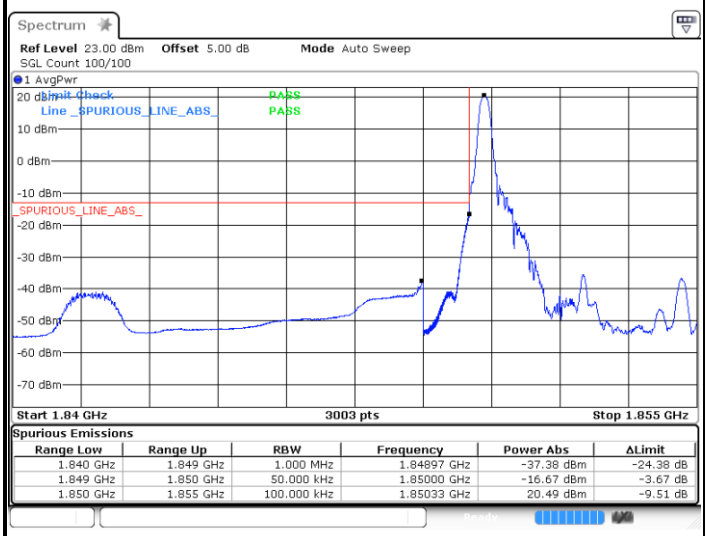

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.907 GHz | 1.910 GHz | 100.000 kHz | 1.90759 GHz | 7.91 dBm | -22.09 dB |
| 1.910 GHz | 1.911 GHz | 30.000 kHz | 1.91001 GHz | -28.28 dBm | -15.28 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91109 GHz | -18.33 dBm | -5.33 dB |

Date: 22.JAN.2018 09:08:26

## LTE Band 2 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

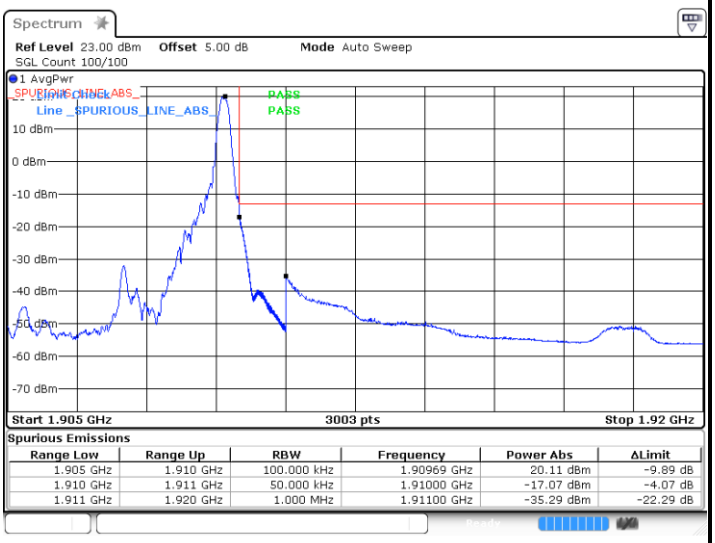



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84897 GHz | -37.38 dBm | -24.38 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.85000 GHz | -16.67 dBm | -3.67 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85033 GHz | 20.49 dBm | -9.51 dB |

Date: 22.JAN.2018 10:51:13

### Highest Band Edge / 1 RB

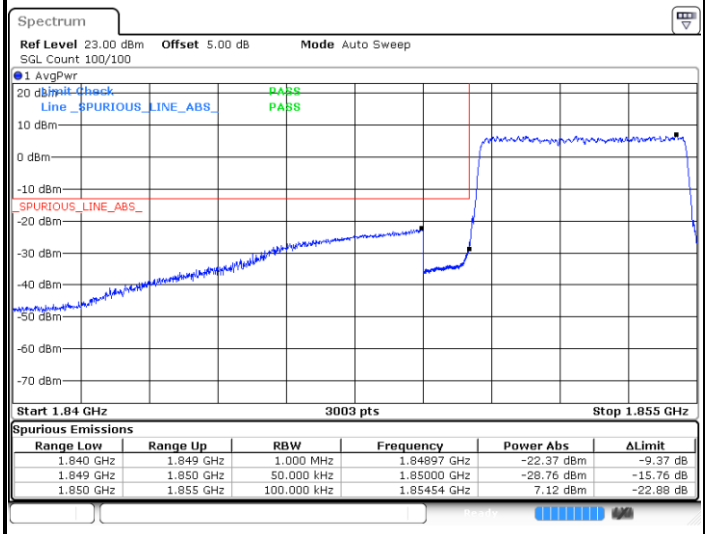



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90969 GHz | 20.11 dBm | -9.89 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -17.07 dBm | -4.07 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91100 GHz | -35.29 dBm | -22.29 dB |

Date: 22.JAN.2018 10:53:07

### Lowest Band Edge / Full RB

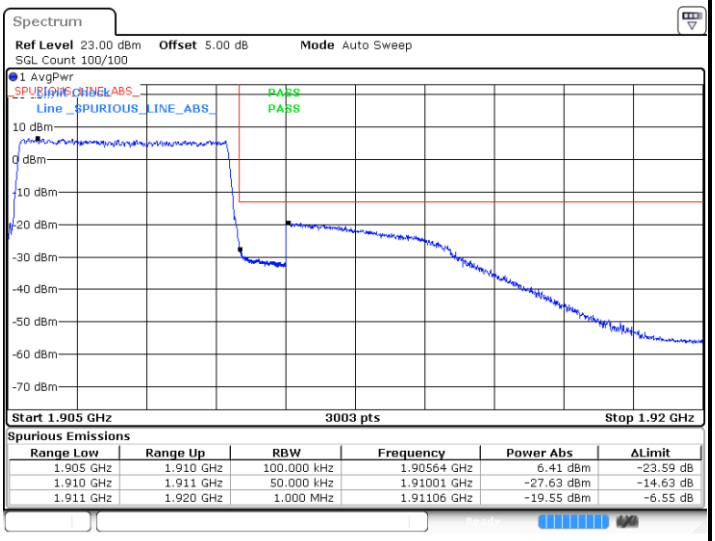



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84897 GHz | -22.37 dBm | -9.37 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.85000 GHz | -28.76 dBm | -15.76 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85454 GHz | 7.12 dBm | -22.88 dB |

Date: 22.JAN.2018 09:18:28

### Highest Band Edge / Full RB



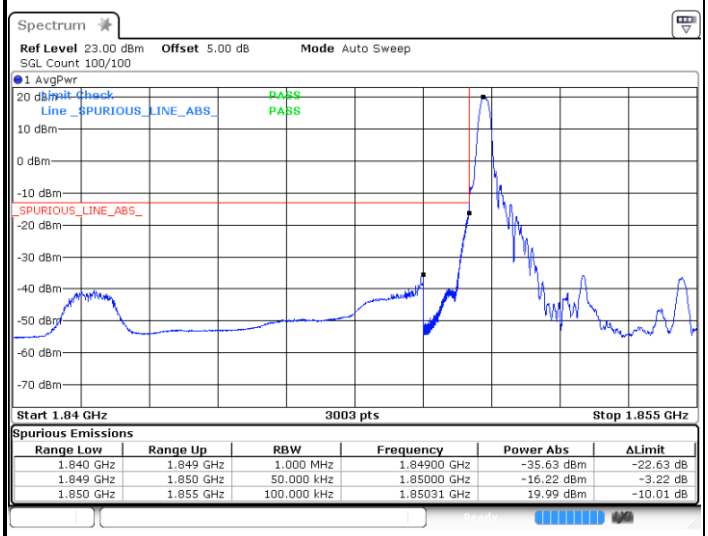

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90564 GHz | 6.41 dBm | -23.59 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91001 GHz | -27.63 dBm | -14.63 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91106 GHz | -19.55 dBm | -6.55 dB |

Date: 22.JAN.2018 09:28:11

## LTE Band 2 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

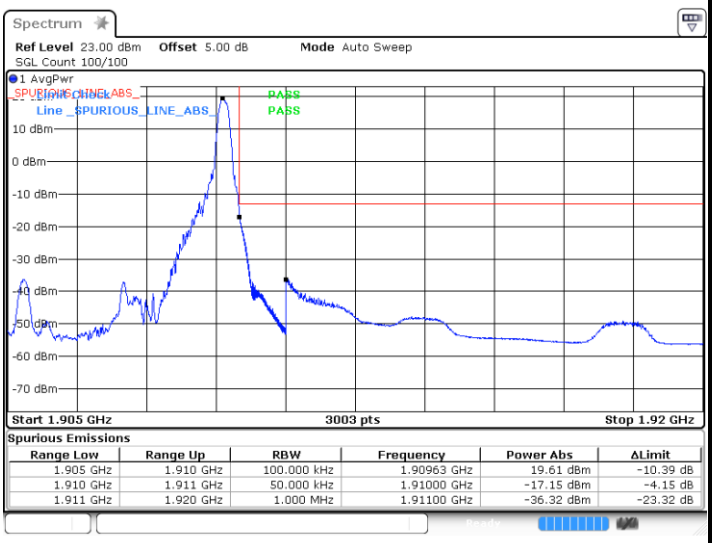



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.840 GHz | 1.849 GHz | 1.000 MHz | 1.84900 GHz | -35.63 dBm | -22.63 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.85000 GHz | -16.22 dBm | -3.22 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85031 GHz | 19.99 dBm | -10.01 dB |

Date: 22.JAN.2018 10:51:47

### Highest Band Edge / 1 RB

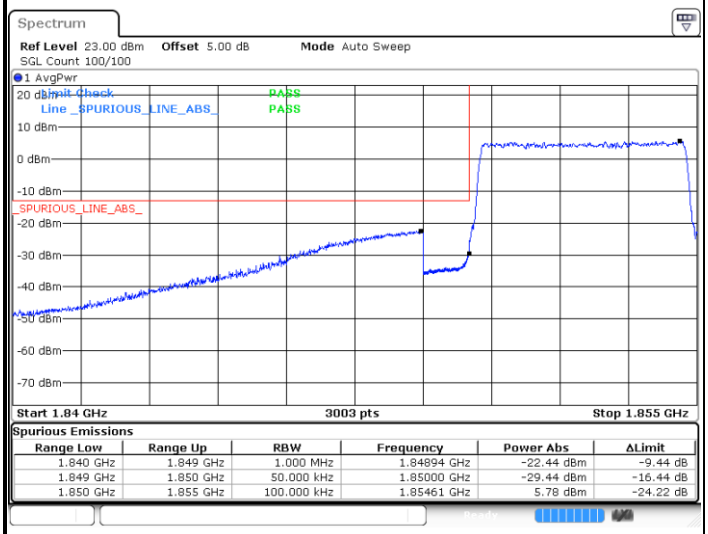



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90963 GHz | 19.61 dBm | -10.39 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -17.15 dBm | -4.15 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91100 GHz | -36.32 dBm | -23.32 dB |

Date: 22.JAN.2018 10:52:27

### 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 | -22.44 dBm | -9.44 dB |
| 1.849 GHz | 1.850 GHz | 50.000 kHz | 1.85000 GHz | -29.44 dBm | -16.44 dB |
| 1.850 GHz | 1.855 GHz | 100.000 kHz | 1.85461 GHz | 5.78 dBm | -24.22 dB |

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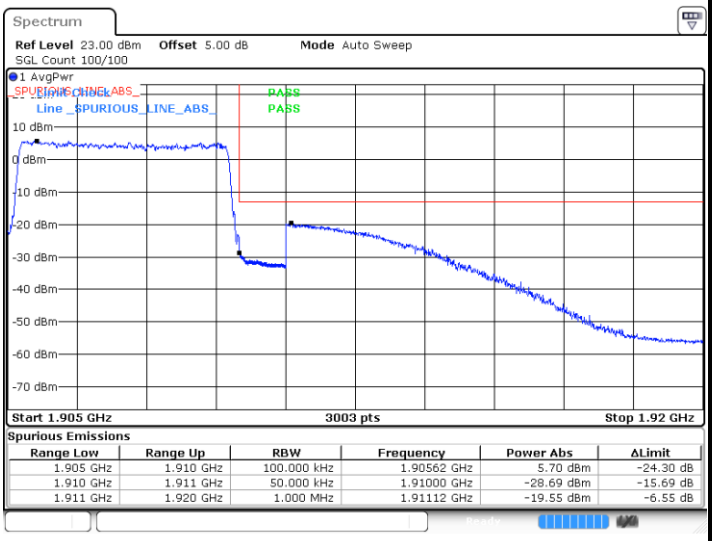
### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.905 GHz | 1.910 GHz | 100.000 kHz | 1.90562 GHz | 5.70 dBm | -24.30 dB |
| 1.910 GHz | 1.911 GHz | 50.000 kHz | 1.91000 GHz | -28.69 dBm | -15.69 dB |
| 1.911 GHz | 1.920 GHz | 1.000 MHz | 1.91112 GHz | -19.55 dBm | -6.55 dB |

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