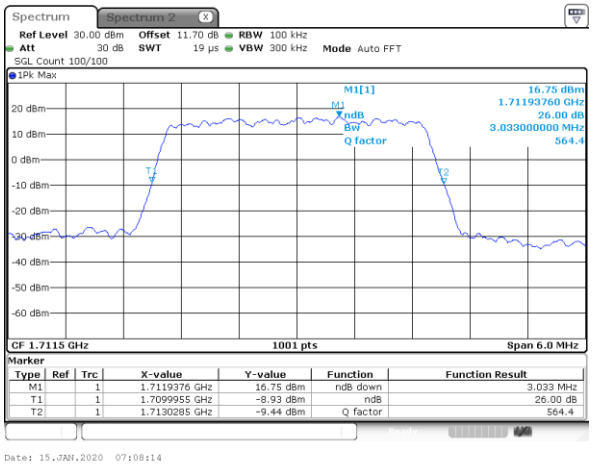
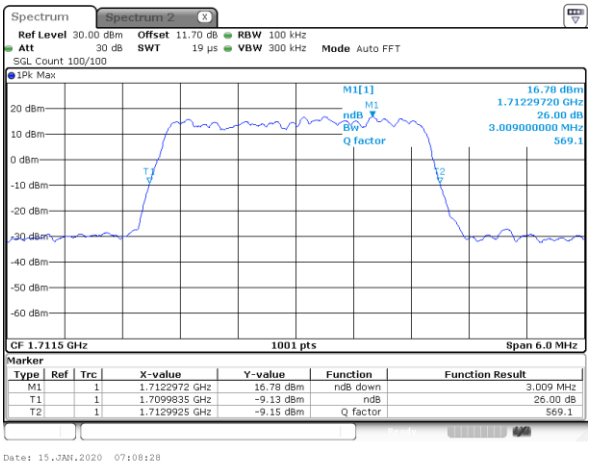
## LTE Band 66

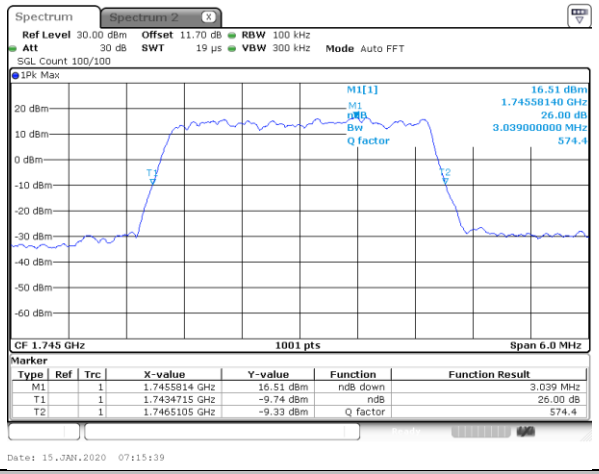
### Lowest Channel / 3MHz / QPSK



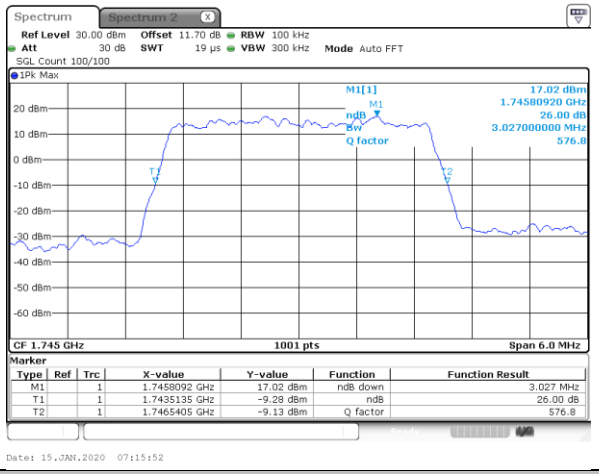

### Lowest Channel / 3MHz / 16QAM



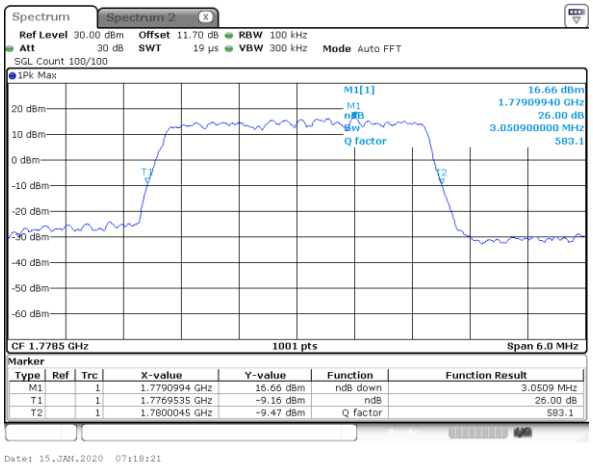

### Middle Channel / 3MHz / QPSK



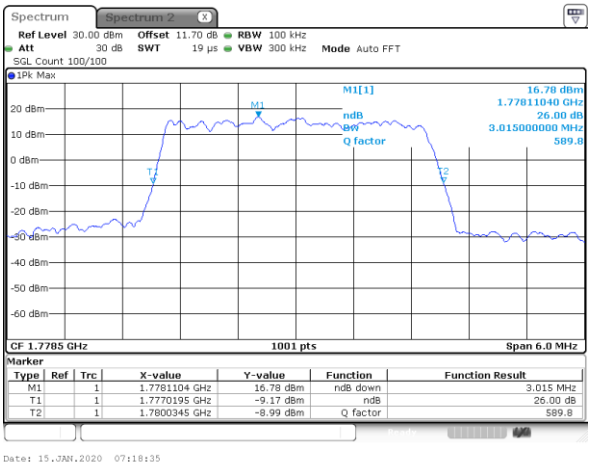

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

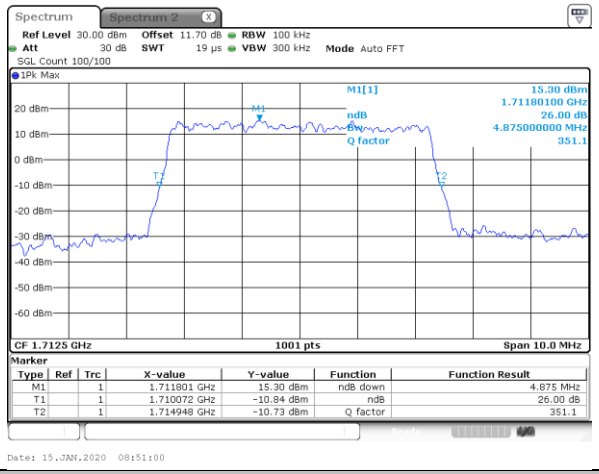



### Highest Channel / 3MHz / 16QAM

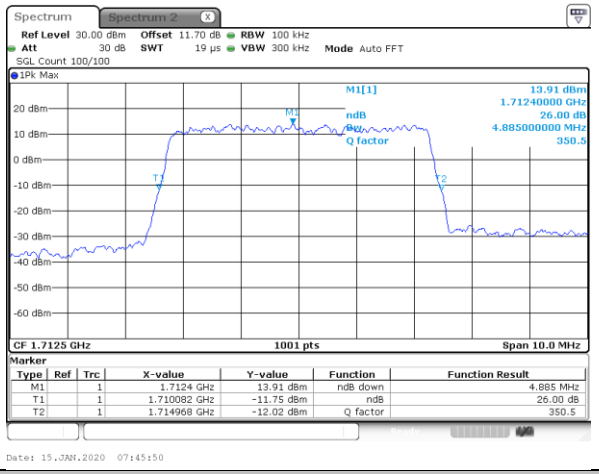


## LTE Band 66

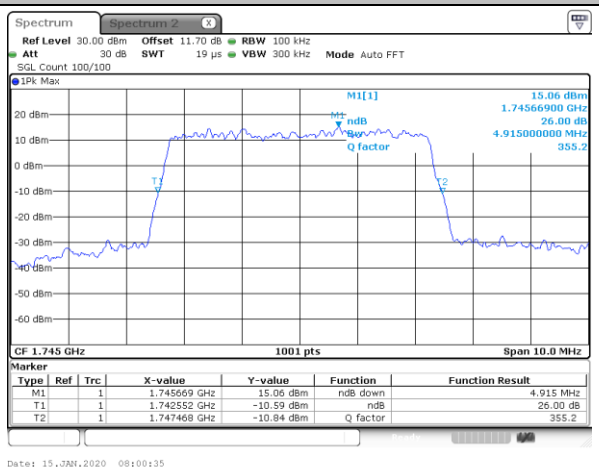
### Lowest Channel / 5MHz / QPSK



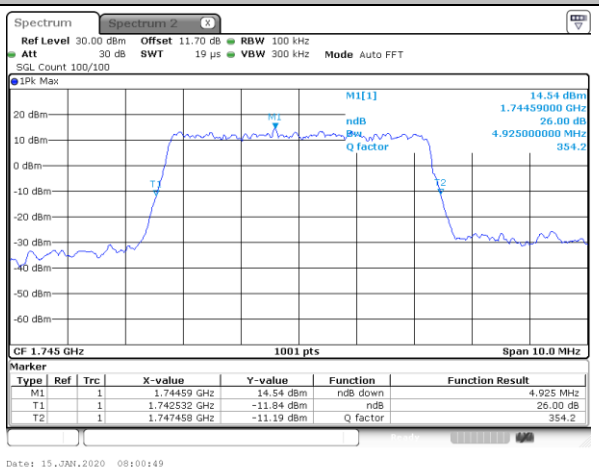

### Lowest Channel / 5MHz / 16QAM



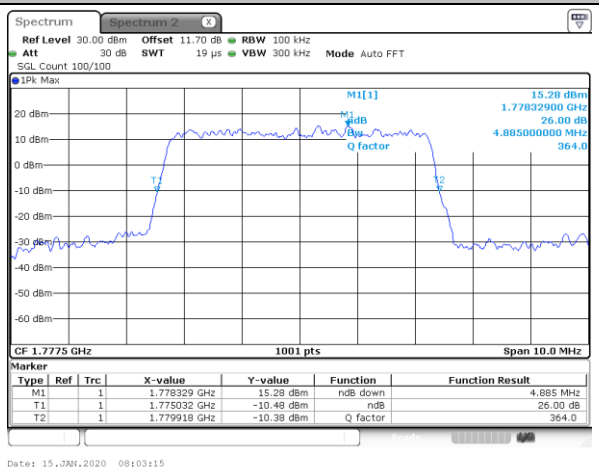

### Middle Channel / 5MHz / QPSK



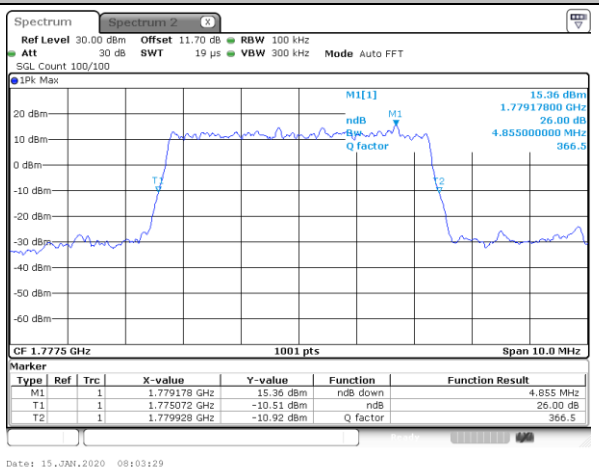

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

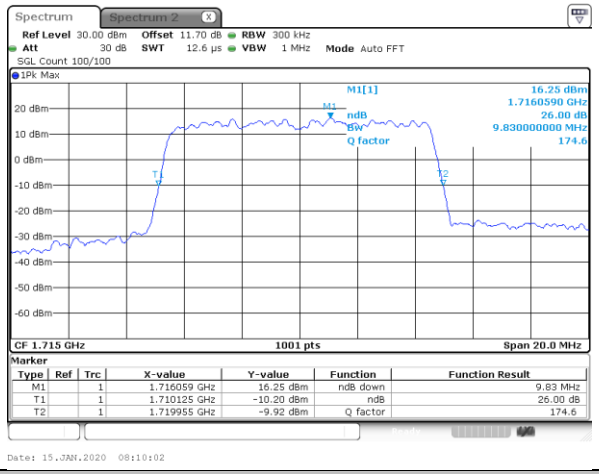



### Highest Channel / 5MHz / 16QAM

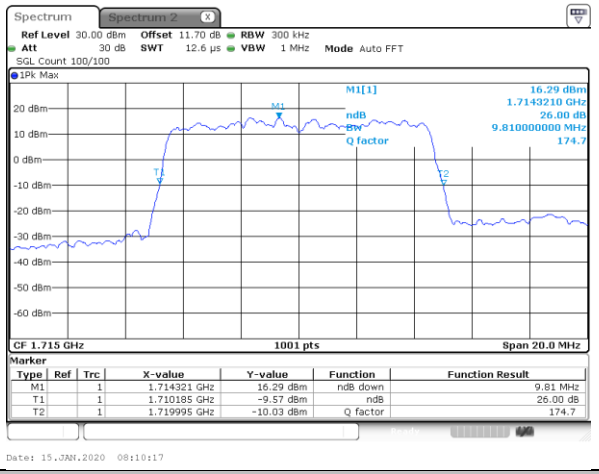


## LTE Band 66

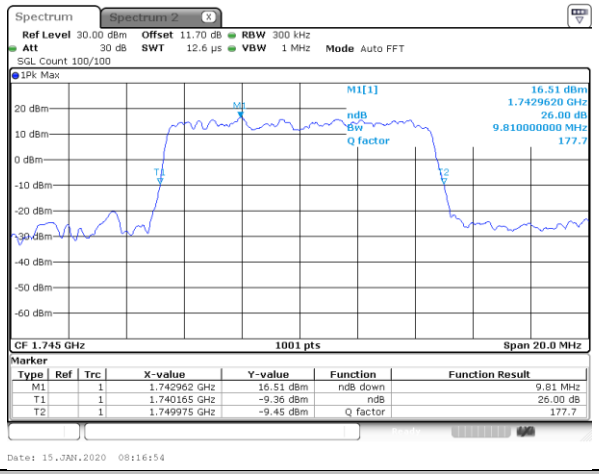
### Lowest Channel / 10MHz / QPSK



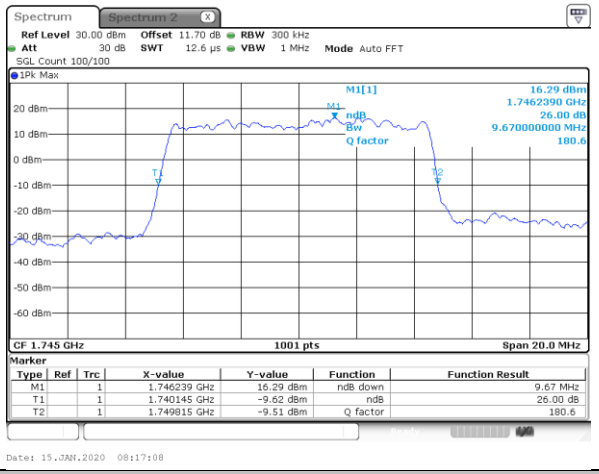

### Lowest Channel / 10MHz / 16QAM



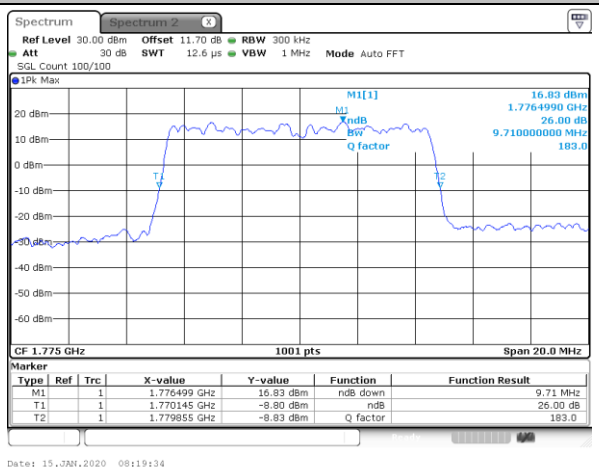

### Middle Channel / 10MHz / QPSK



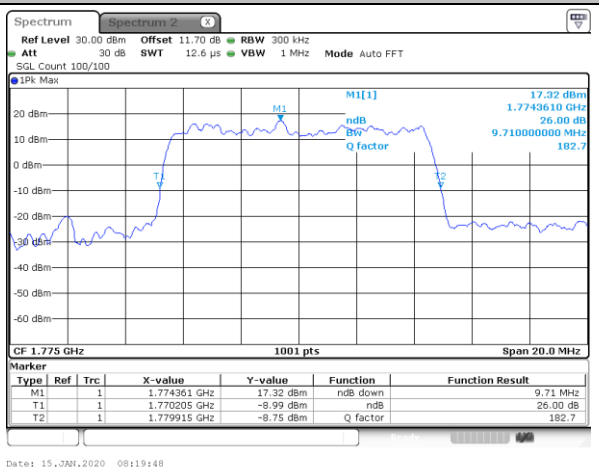

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

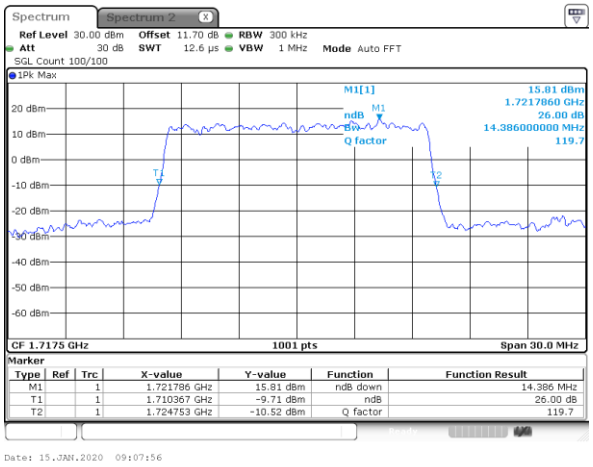



### Highest Channel / 10MHz / 16QAM

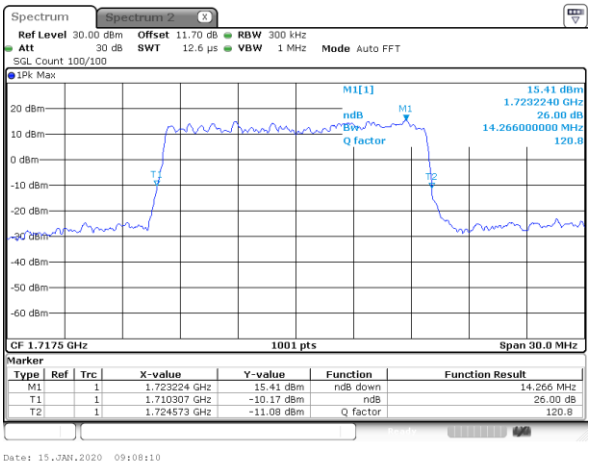


## LTE Band 66

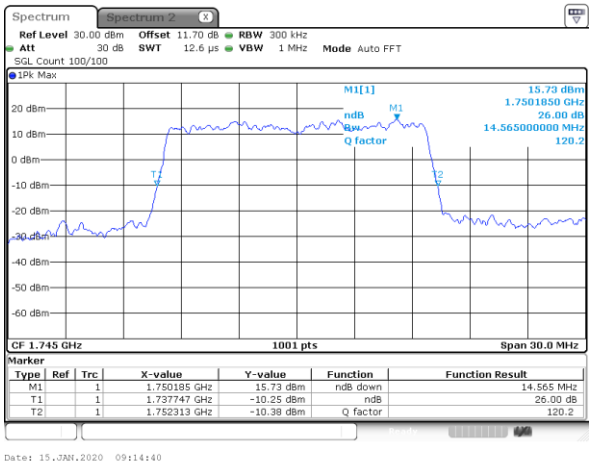
### Lowest Channel / 15MHz / QPSK



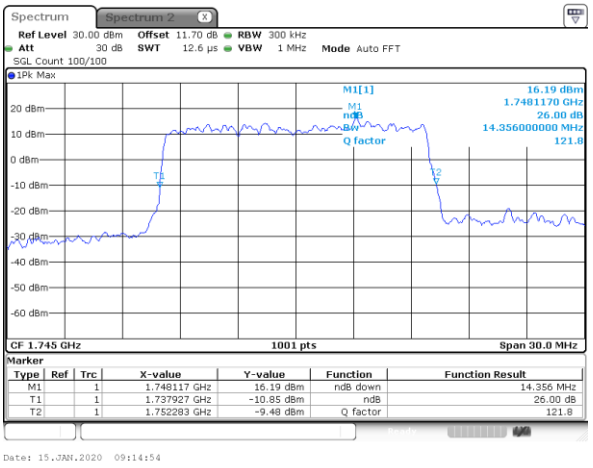

### Lowest Channel / 15MHz / 16QAM



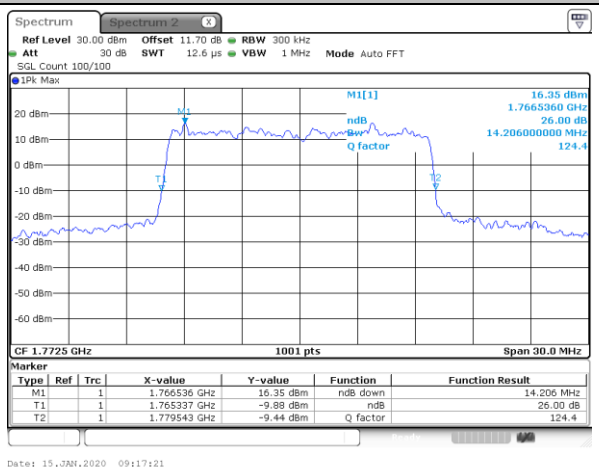

### Middle Channel / 15MHz / QPSK



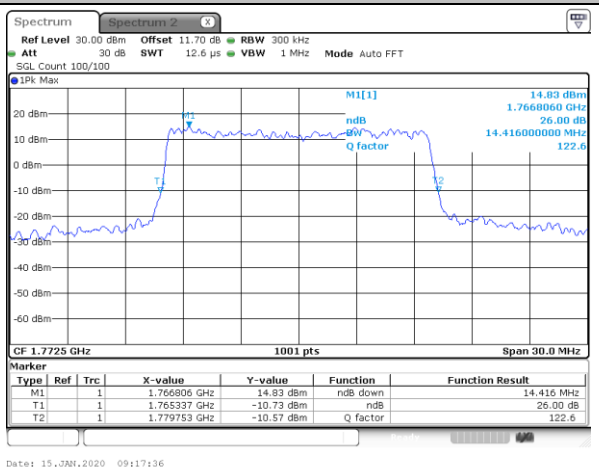

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

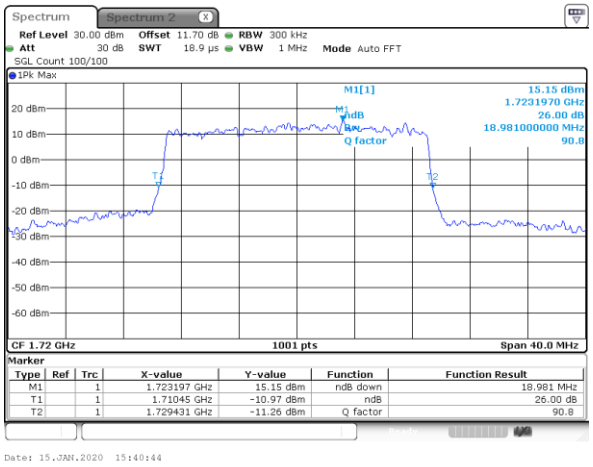



### Highest Channel / 15MHz / 16QAM

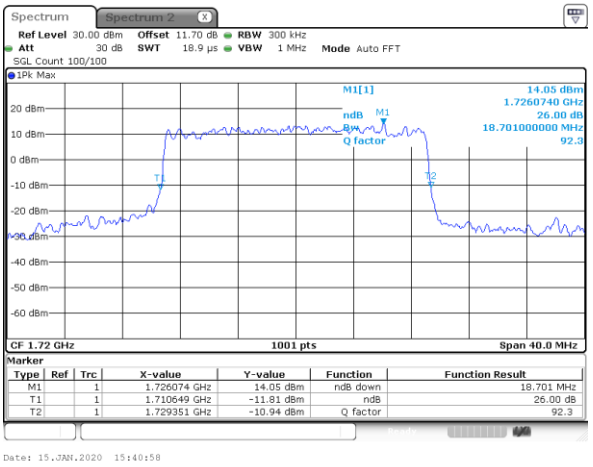


## LTE Band 66

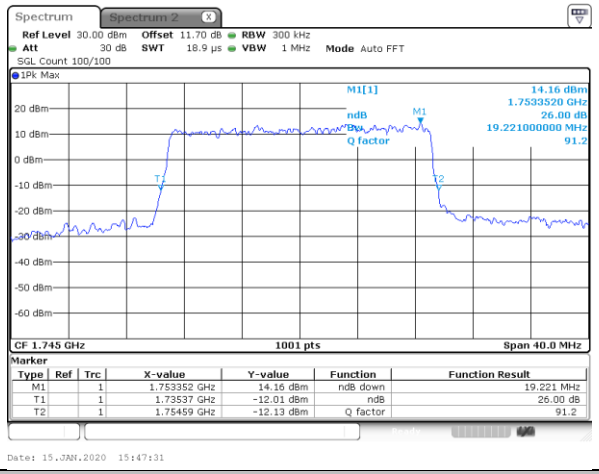
### Lowest Channel / 20MHz / QPSK



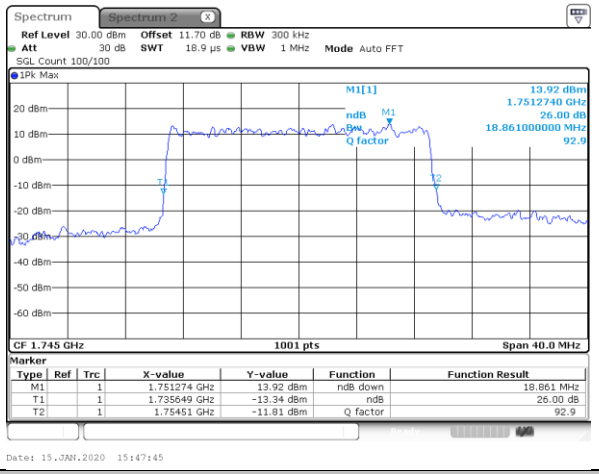

### Lowest Channel / 20MHz / 16QAM



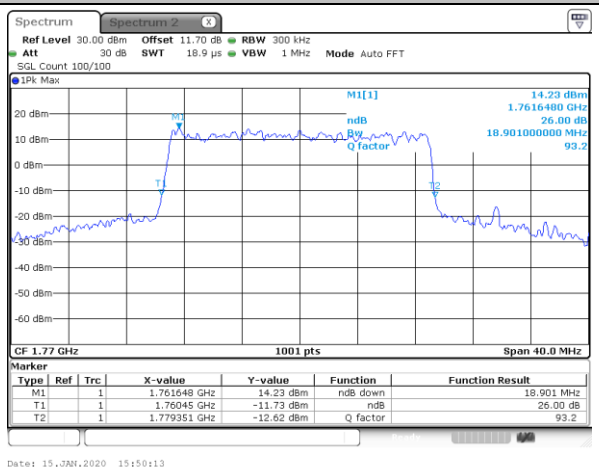

### Middle Channel / 20MHz / QPSK



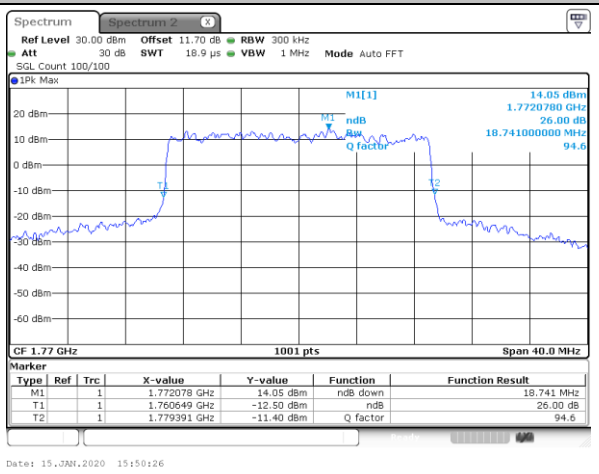

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

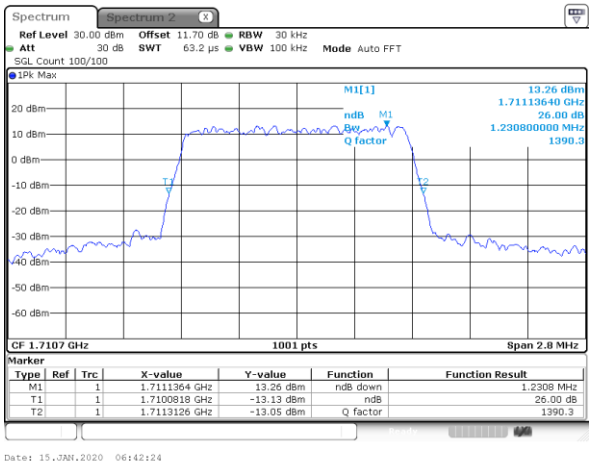



### Highest Channel / 20MHz / 16QAM

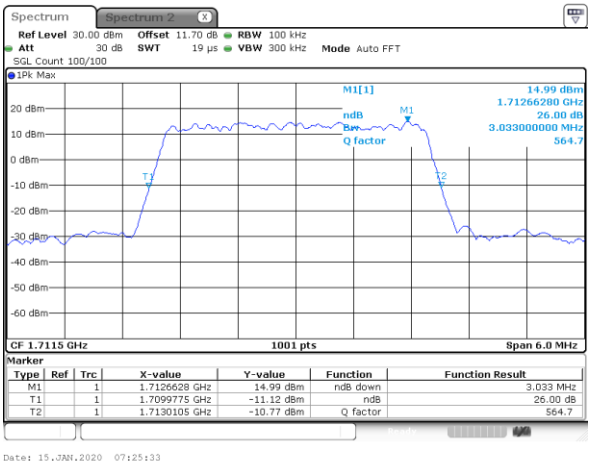


## LTE Band 66

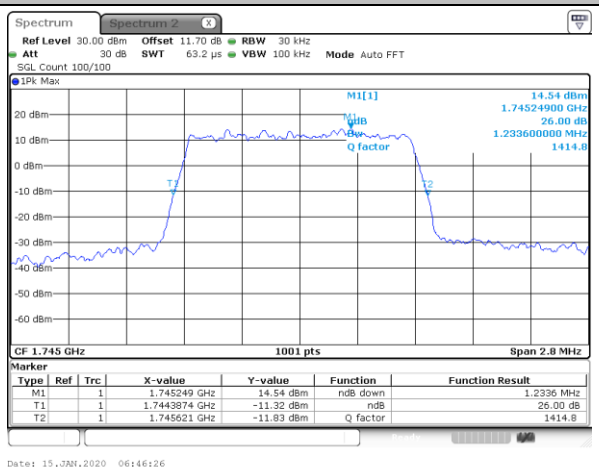
### Lowest Channel / 1.4MHz / 64QAM



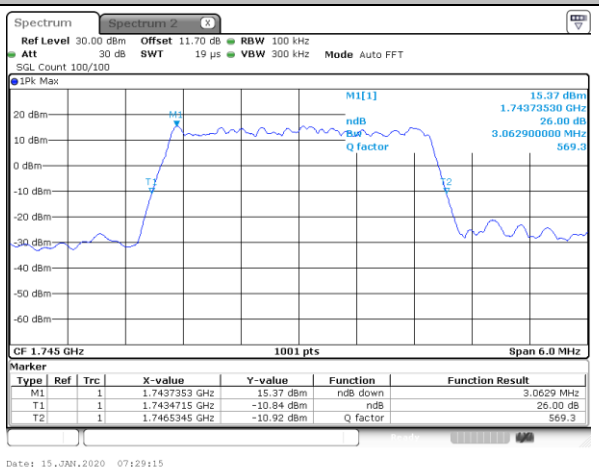

### Lowest Channel / 3MHz / 64QAM



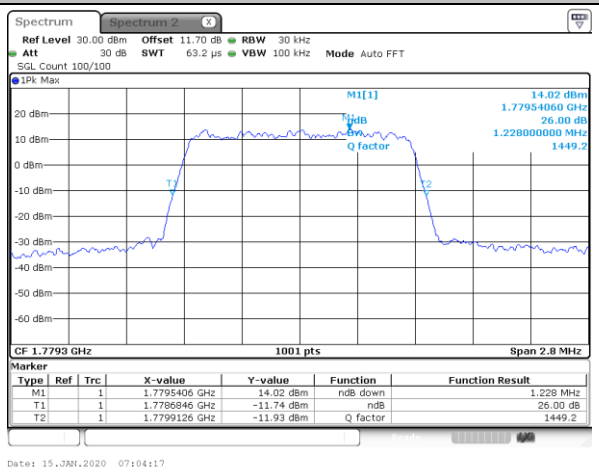

### Middle Channel / 20MHz / 64QAM



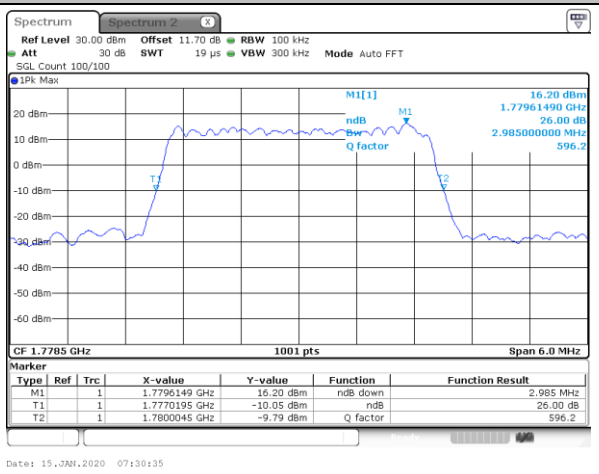

### Middle Channel / 3MHz / 64QAM




### Highest Channel / 20MHz / 64QAM

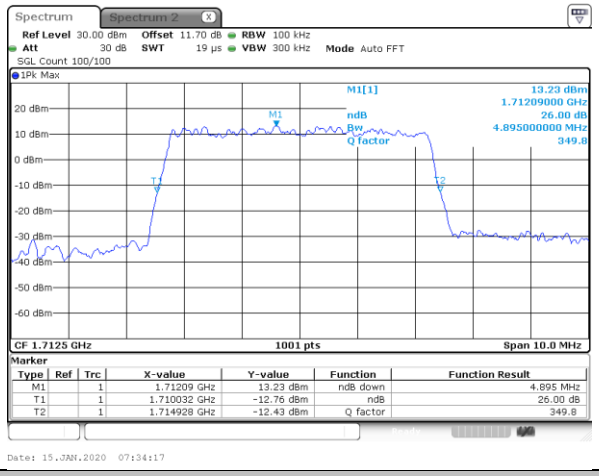



### Highest Channel / 3MHz / 64QAM

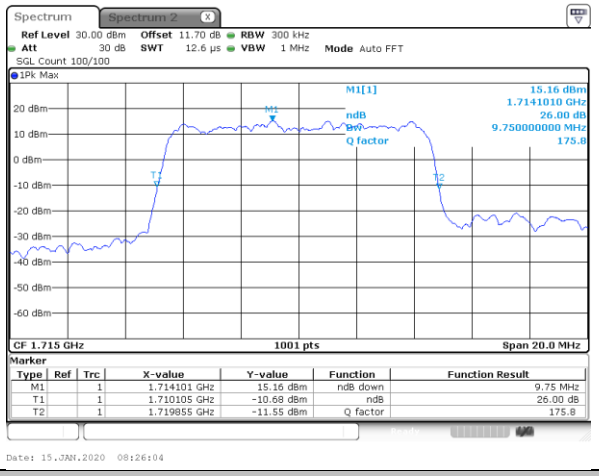


## LTE Band 66

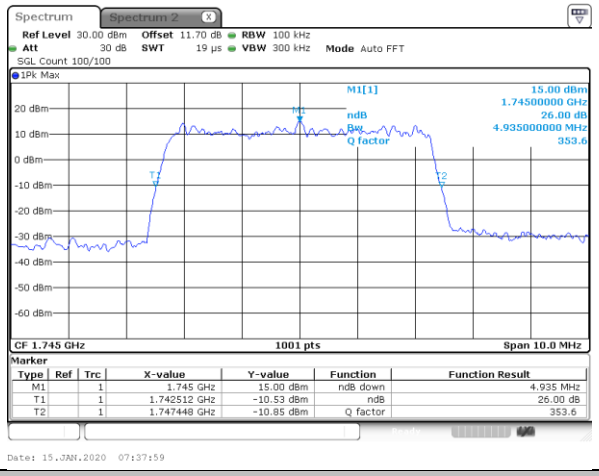
### Lowest Channel / 5MHz / 64QAM



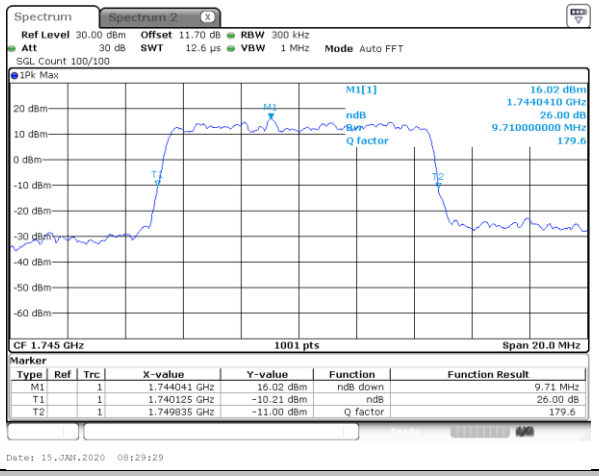

### Lowest Channel / 10MHz / 64QAM



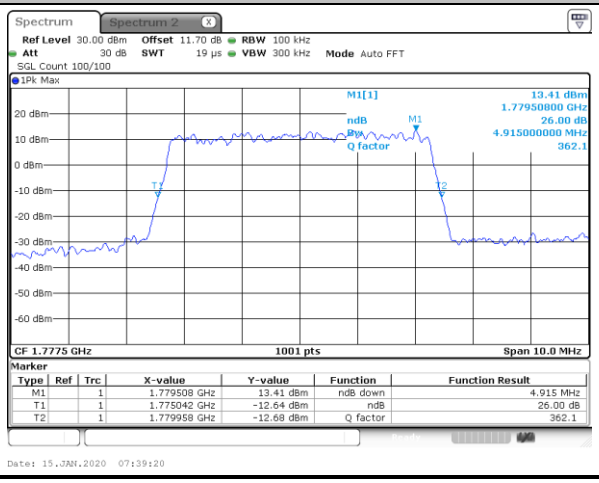

### Middle Channel / 5MHz / 64QAM



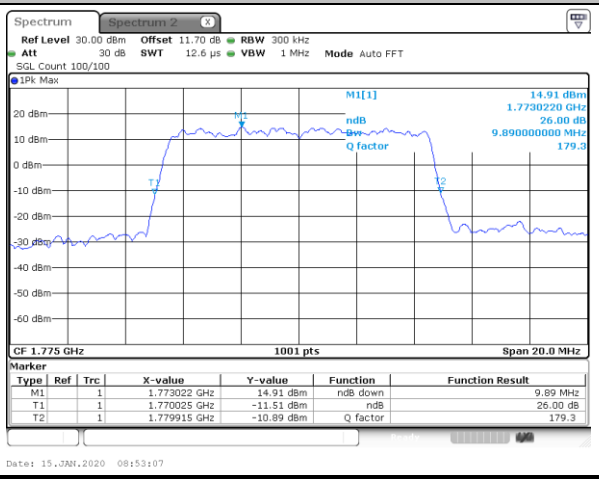

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

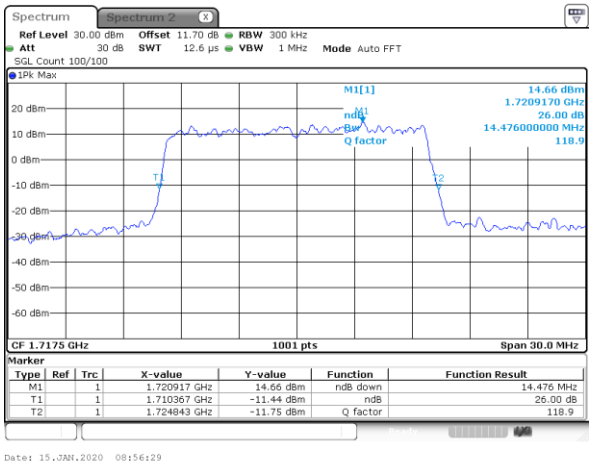



### Highest Channel / 10MHz / 64QAM

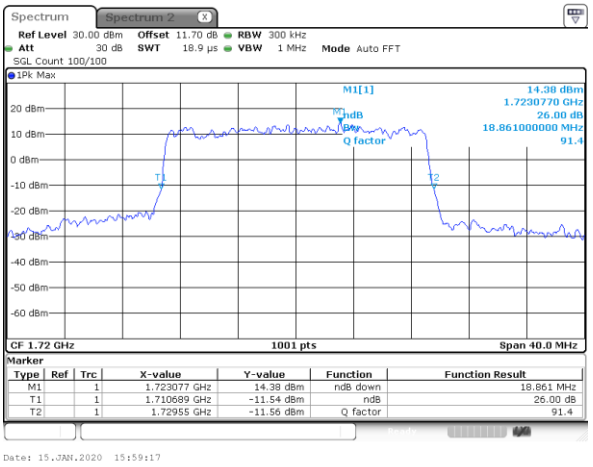


## LTE Band 66

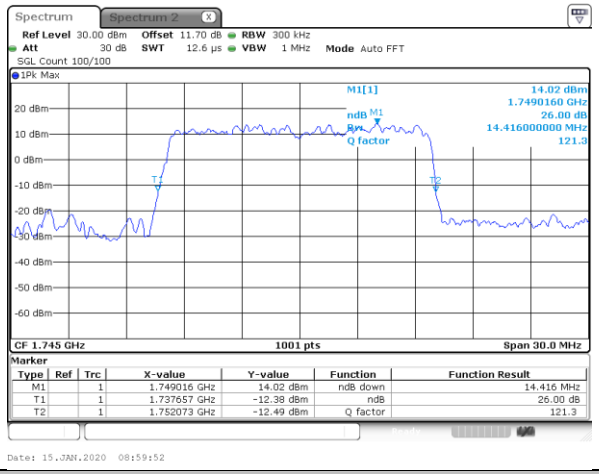
### Lowest Channel / 15MHz / 64QAM



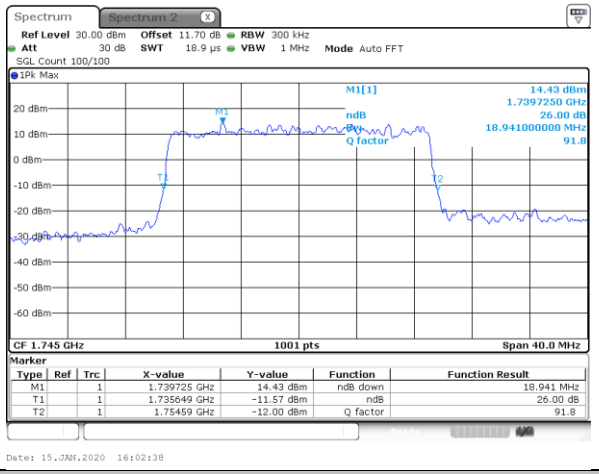

### Lowest Channel / 20MHz / 64QAM



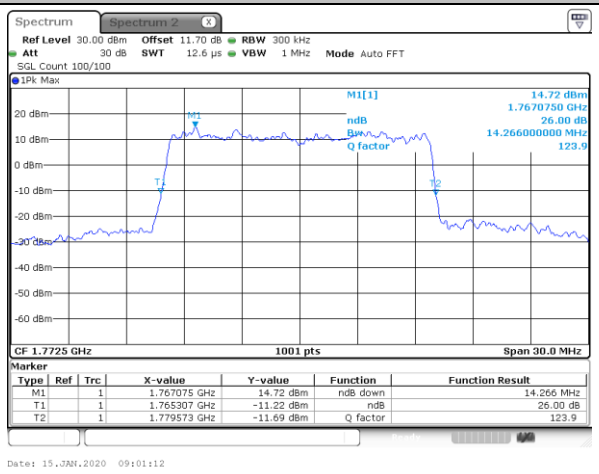

### Middle Channel / 15MHz / 64QAM



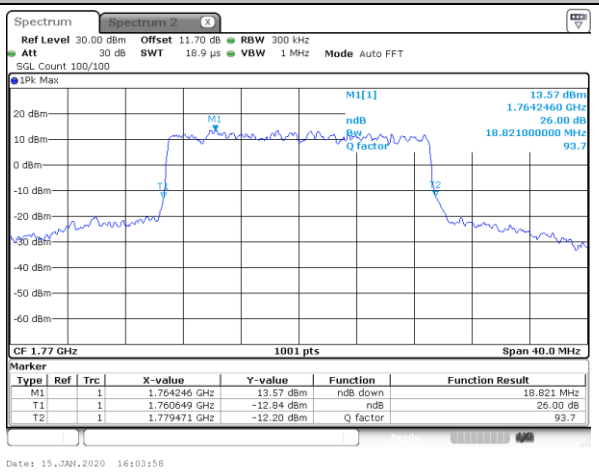

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM




### Highest Channel / 20MHz / 64QAM

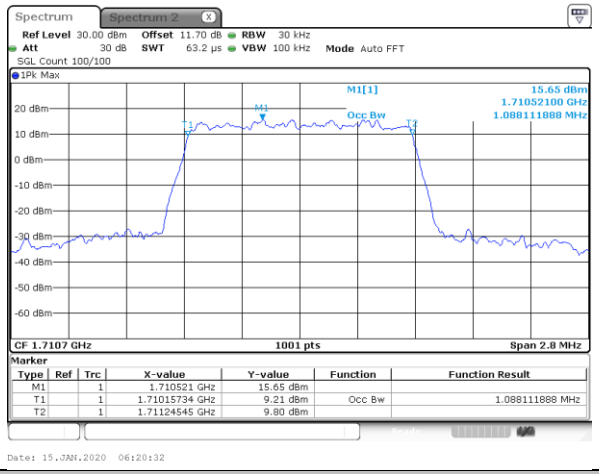


# Occupied Bandwidth

| Mode | LTE Band 66 : 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 | 1.09 | 1.09 | 2.72 | 2.72 | 4.51 | 4.51 | 9.09 | 9.05 | 13.40 | 13.46 | 17.90 | 17.86 |
| Middle CH | 1.09 | 1.09 | 2.71 | 2.72 | 4.49 | 4.48 | 9.05 | 8.99 | 13.43 | 13.55 | 17.94 | 17.94 |
| Highest CH | 1.09 | 1.09 | 2.72 | 2.72 | 4.50 | 4.48 | 9.07 | 9.01 | 13.40 | 13.49 | 17.90 | 17.82 |
| Mode | LTE Band 66 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | 1.09 | - | 2.71 | - | 4.46 | - | 9.01 | - | 13.43 | - | 17.86 | - |
| Middle CH | 1.09 | - | 2.71 | - | 4.49 | - | 9.03 | - | 13.43 | - | 17.90 | - |
| Highest CH | 1.09 | - | 2.72 | - | 4.49 | - | 9.05 | - | 13.43 | - | 17.90 | - |

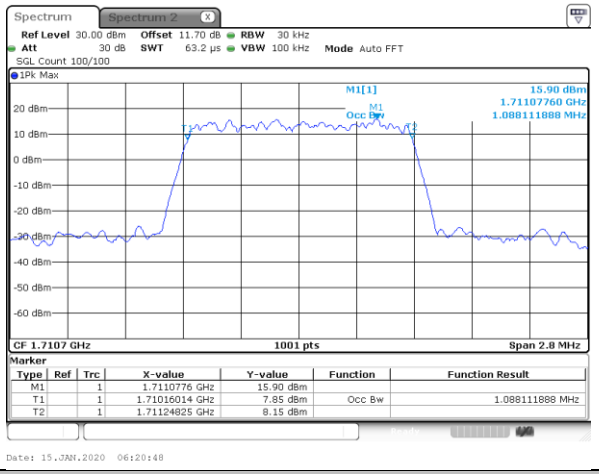
## LTE Band 66

### Lowest Channel / 1.4MHz / QPSK



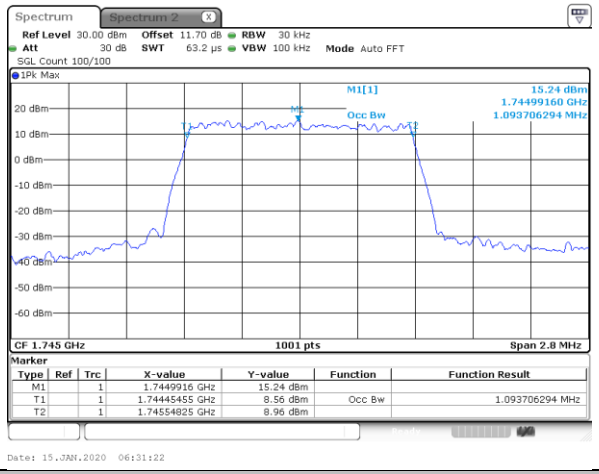

Date: 15.JAN.2020 06:20:32

### Lowest Channel / 1.4MHz / 16QAM



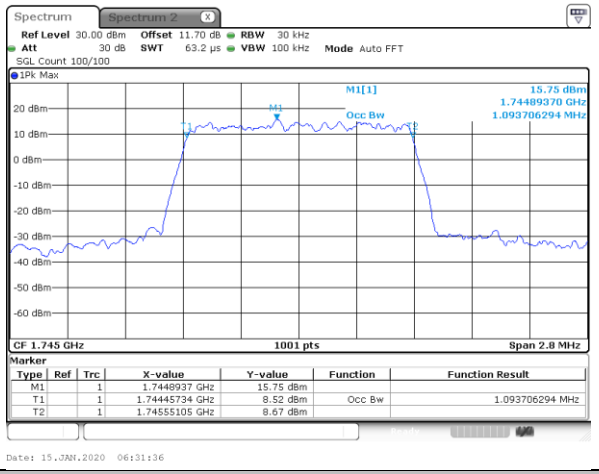

Date: 15.JAN.2020 06:20:48

### Middle Channel / 1.4MHz / QPSK



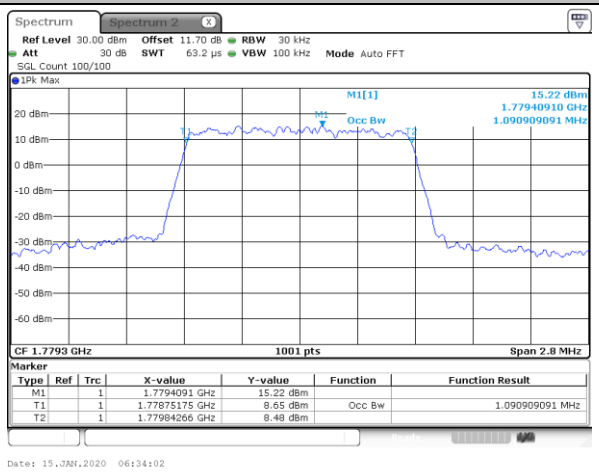

Date: 15.JAN.2020 06:31:22

### Middle Channel / 1.4MHz / 16QAM



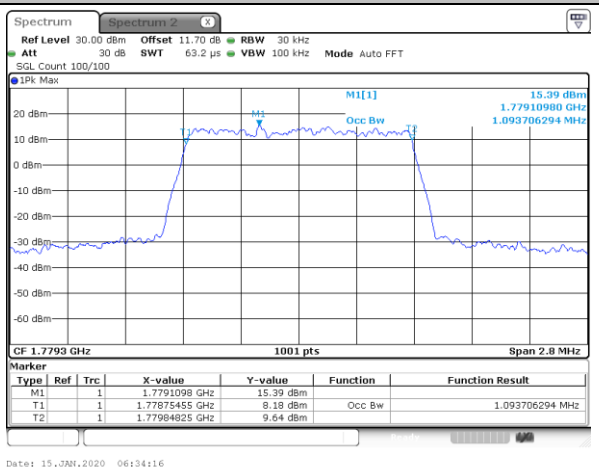

Date: 15.JAN.2020 06:31:36

### Highest Channel / 1.4MHz / QPSK




Date: 15.JAN.2020 06:34:02

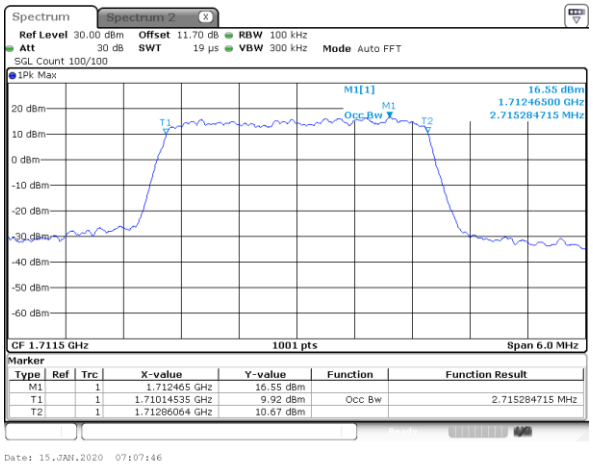
### Highest Channel / 1.4MHz / 16QAM



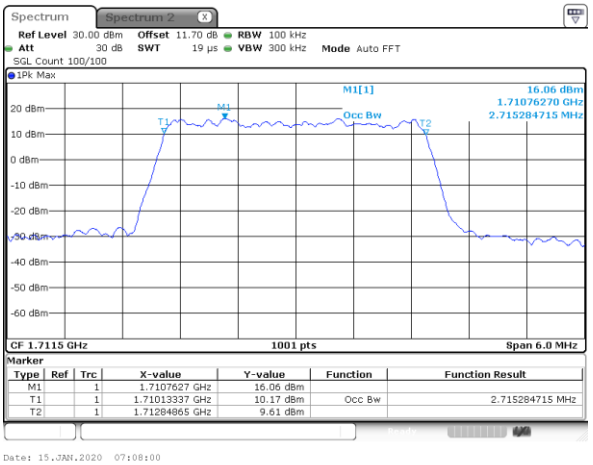

Date: 15.JAN.2020 06:34:16

## LTE Band 66

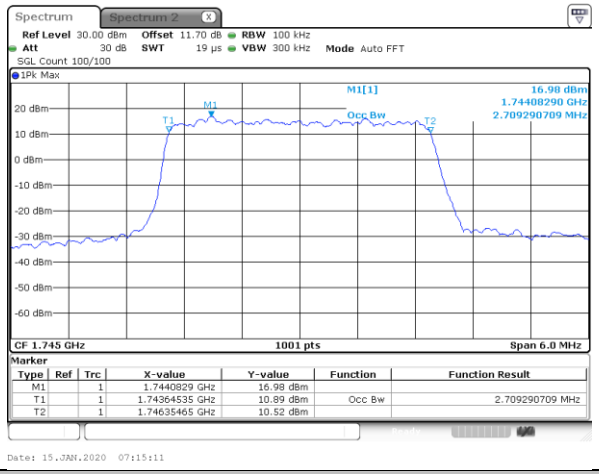
### Lowest Channel / 3MHz / QPSK



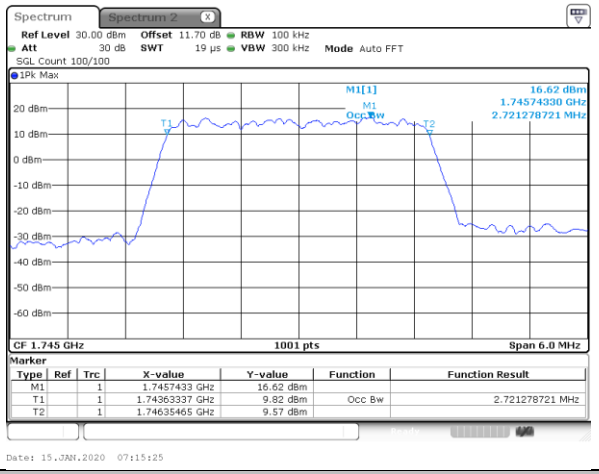

### Lowest Channel / 3MHz / 16QAM



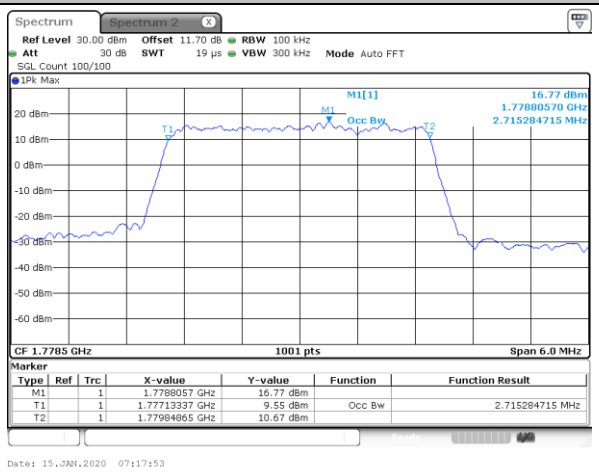

### Middle Channel / 3MHz / QPSK



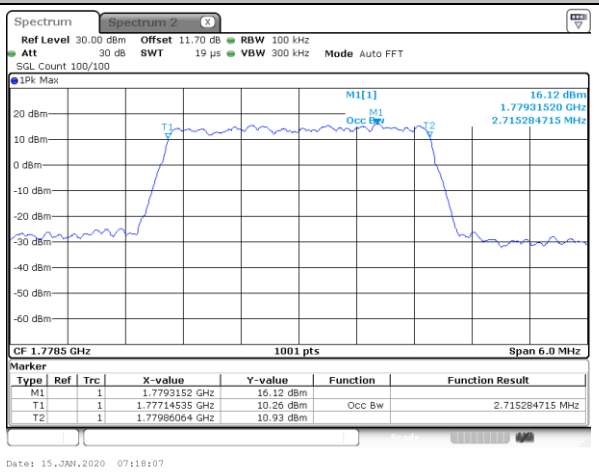

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

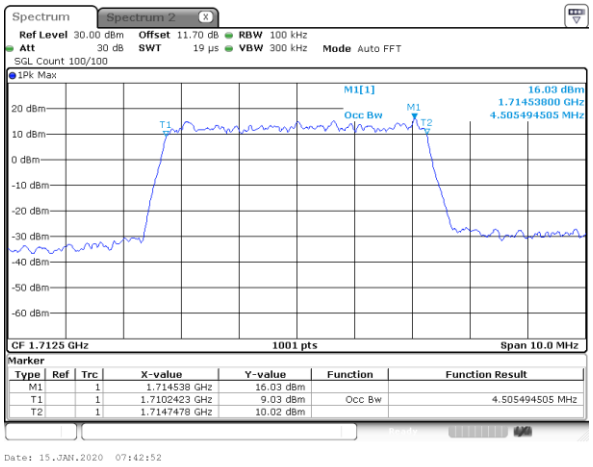



### Highest Channel / 3MHz / 16QAM

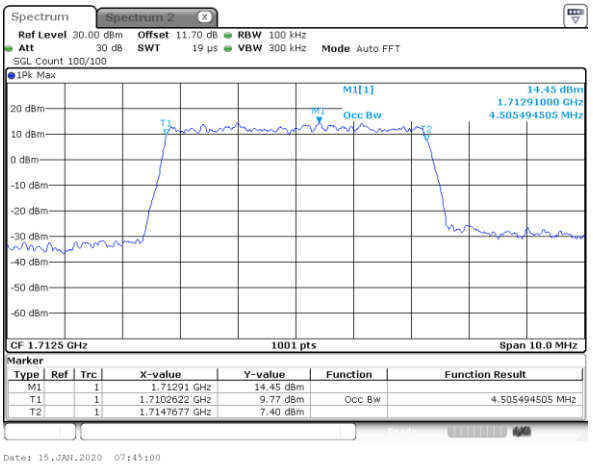


## LTE Band 66

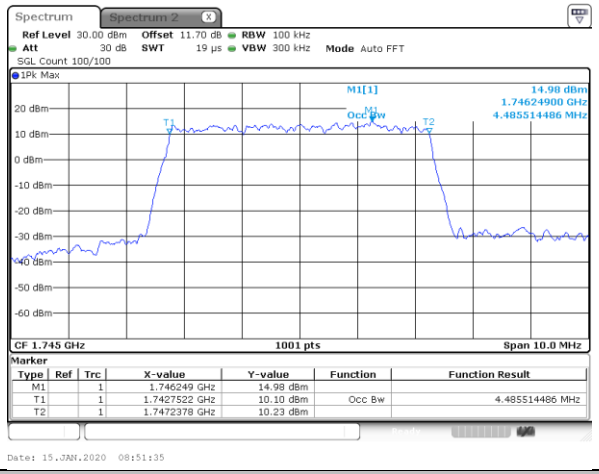
### Lowest Channel / 5MHz / QPSK



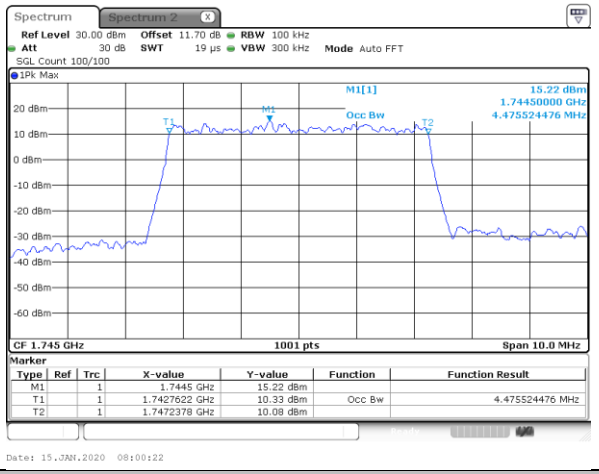

### Lowest Channel / 5MHz / 16QAM



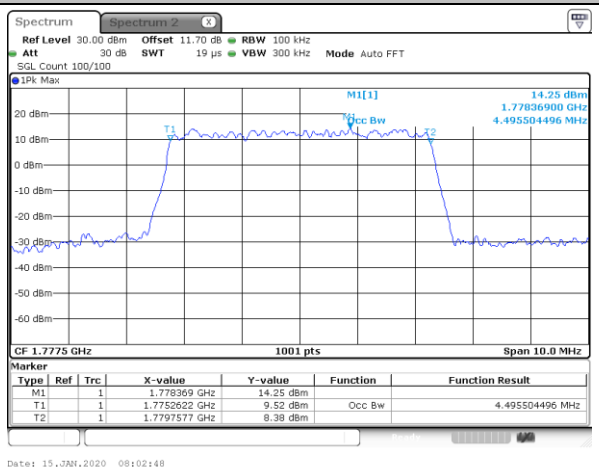

### Middle Channel / 5MHz / QPSK



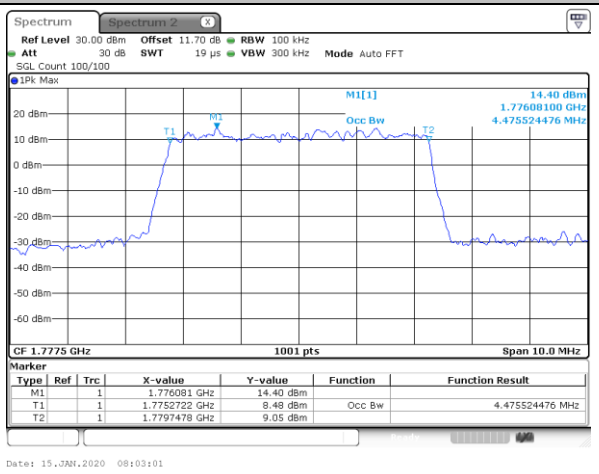

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

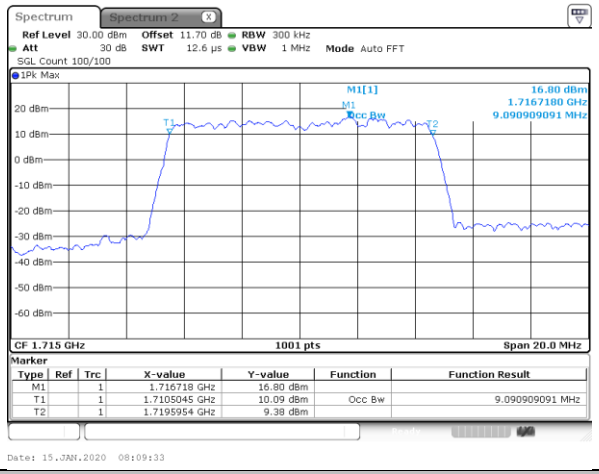



### Highest Channel / 5MHz / 16QAM

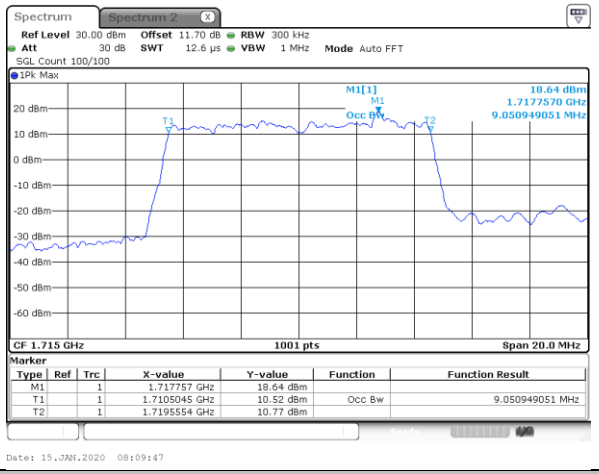


## LTE Band 66

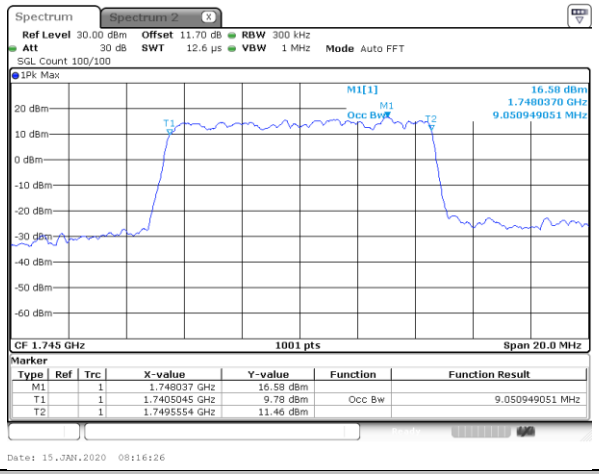
### Lowest Channel / 10MHz / QPSK



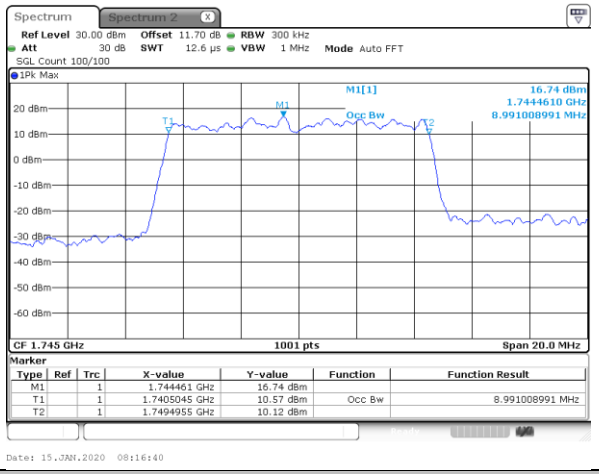

### Lowest Channel / 10MHz / 16QAM



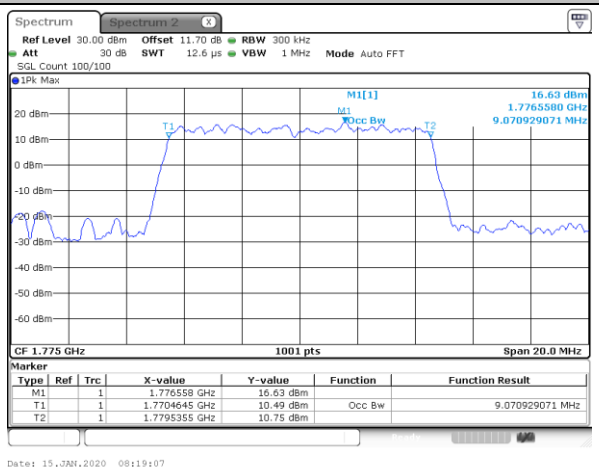

### Middle Channel / 10MHz / QPSK



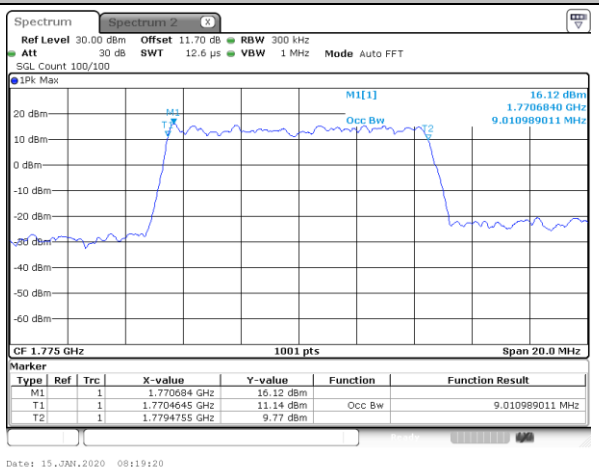

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

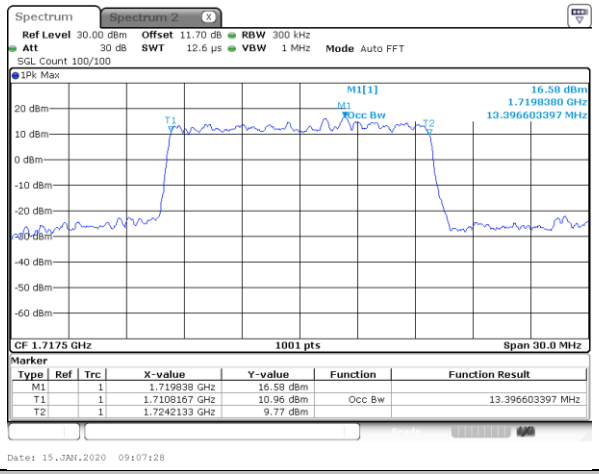



### Highest Channel / 10MHz / 16QAM

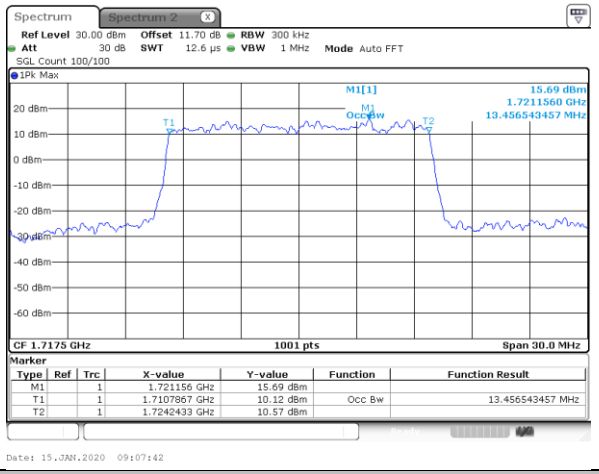


## LTE Band 66

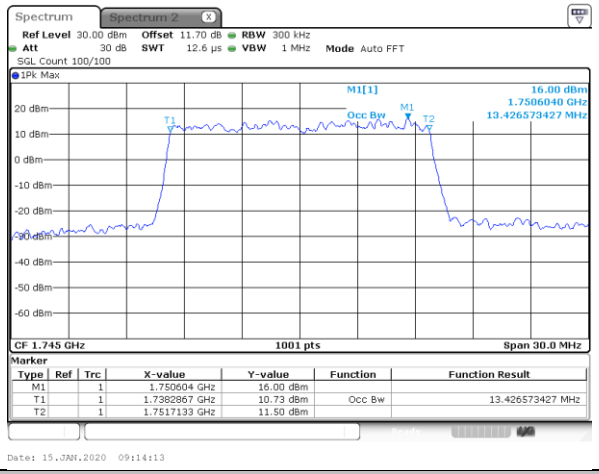
### Lowest Channel / 15MHz / QPSK



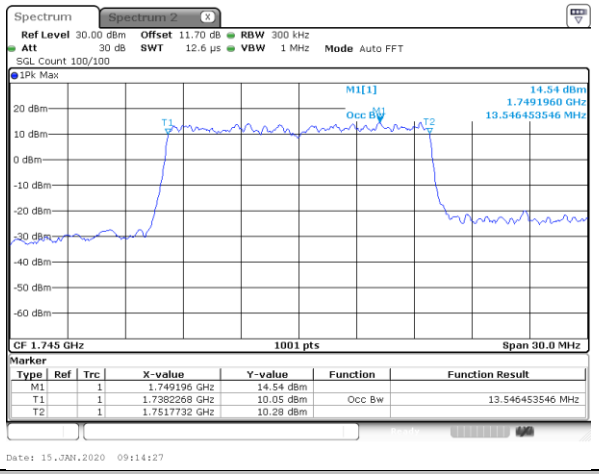

### Lowest Channel / 15MHz / 16QAM



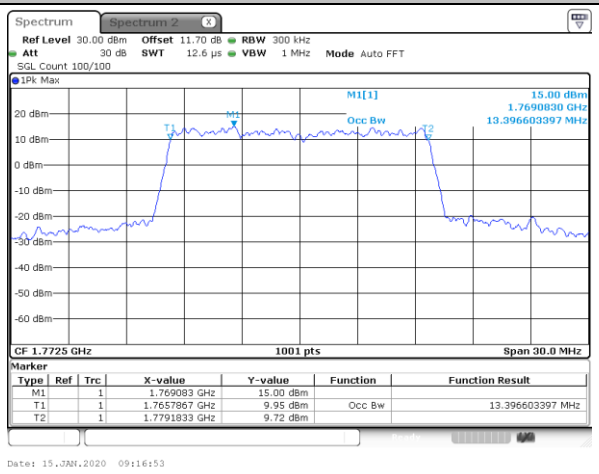

### Middle Channel / 15MHz / QPSK



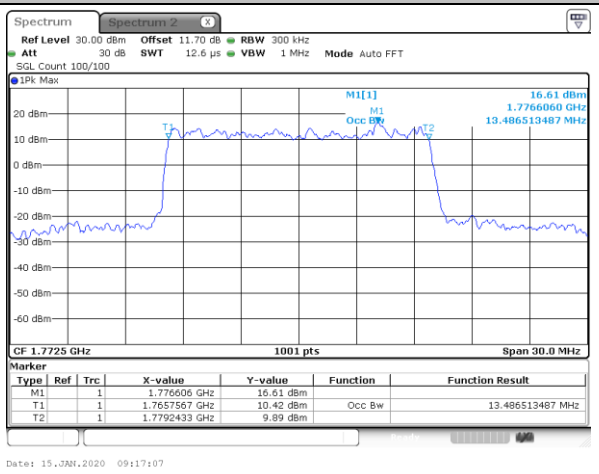

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

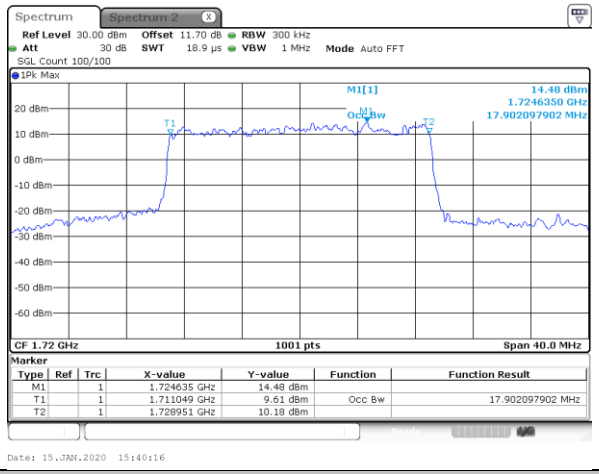



### Highest Channel / 15MHz / 16QAM



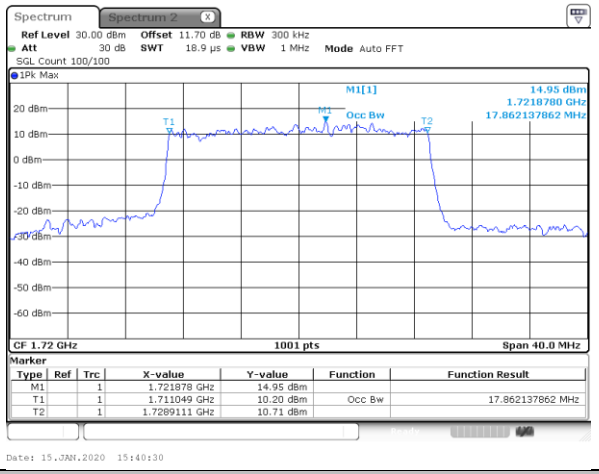
## LTE Band 66

### Lowest Channel / 20MHz / QPSK



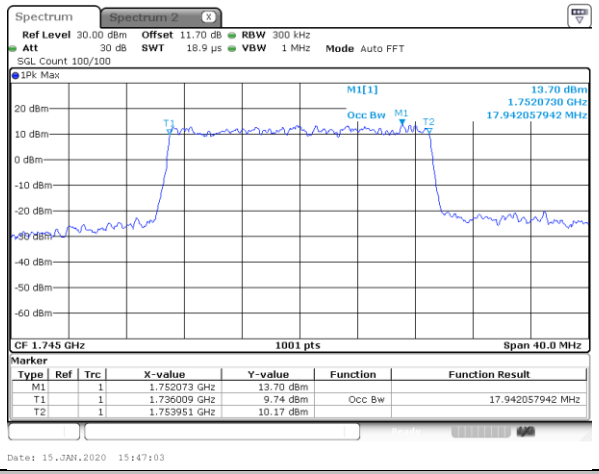

Date: 15.JAN.2020 15:40:16

### Lowest Channel / 20MHz / 16QAM



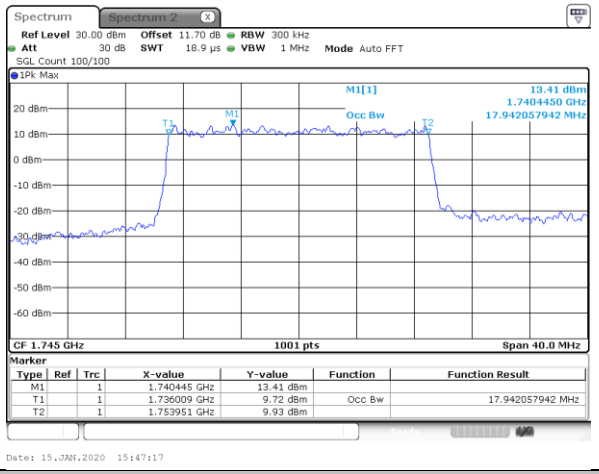

Date: 15.JAN.2020 15:40:30

### Middle Channel / 20MHz / QPSK



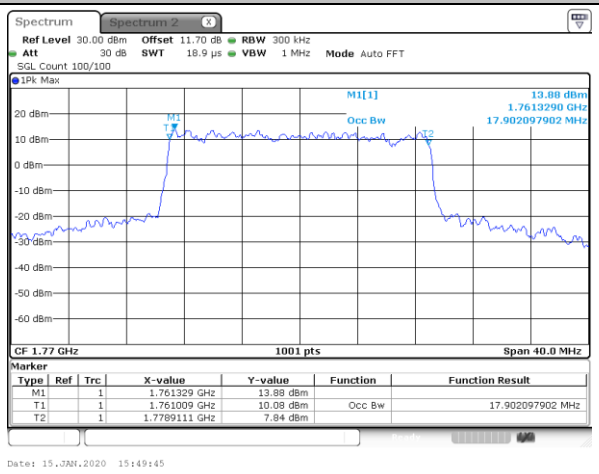

Date: 15.JAN.2020 15:47:03

### Middle Channel / 20MHz / 16QAM



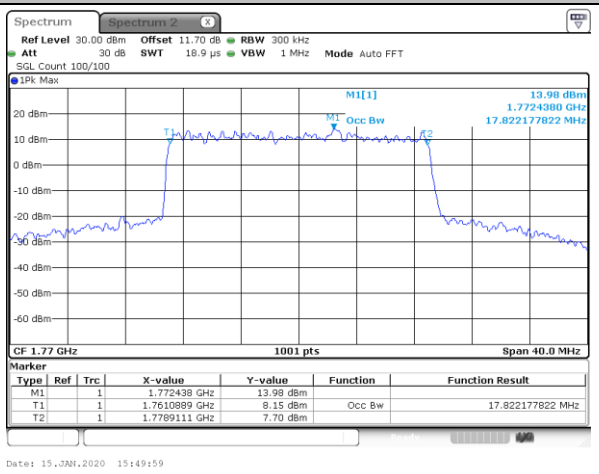

Date: 15.JAN.2020 15:47:17

### Highest Channel / 20MHz / QPSK




Date: 15.JAN.2020 15:49:45

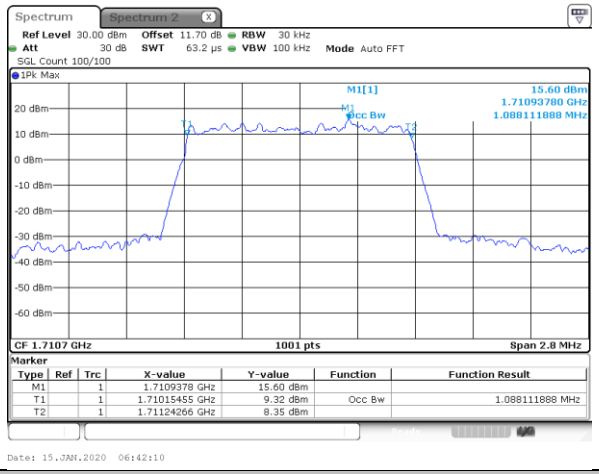
### Highest Channel / 20MHz / 16QAM




Date: 15.JAN.2020 15:49:59

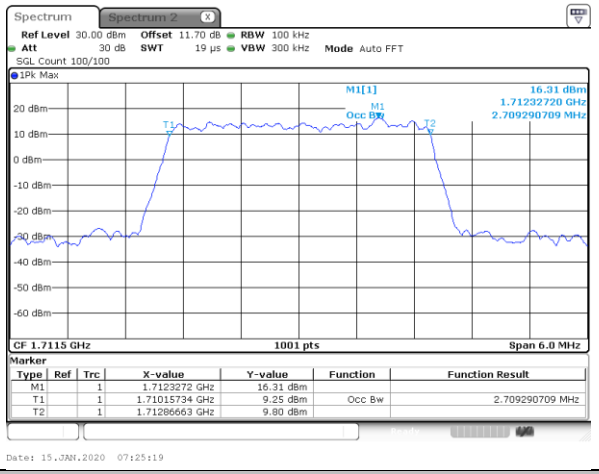
## LTE Band 66

### Lowest Channel / 1.4MHz / 64QAM



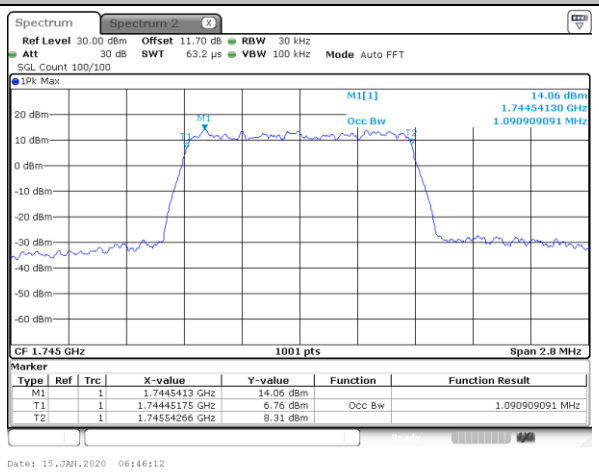

Date: 15.JAN.2020 06:42:10

### Lowest Channel / 3MHz / 64QAM



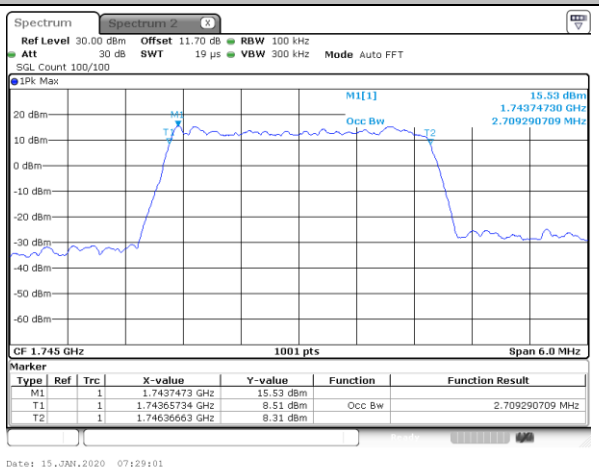

Date: 15.JAN.2020 07:25:19

### Middle Channel / 20MHz / 64QAM



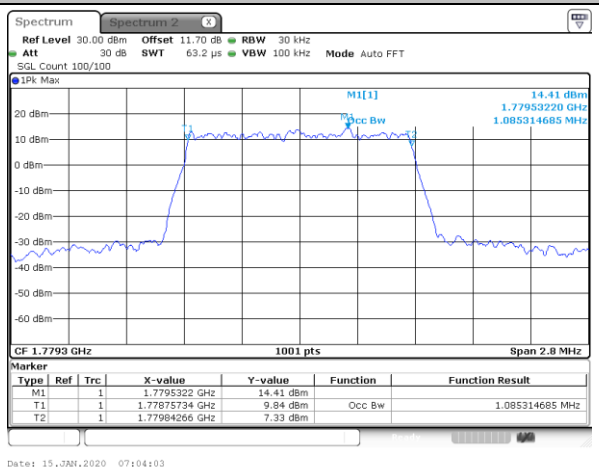

Date: 15.JAN.2020 06:46:12

### Middle Channel / 3MHz / 64QAM



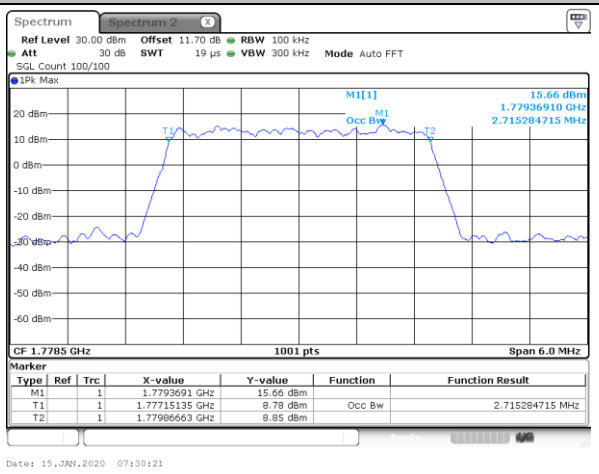

Date: 15.JAN.2020 07:29:01

### Highest Channel / 20MHz / 64QAM




Date: 15.JAN.2020 07:04:03

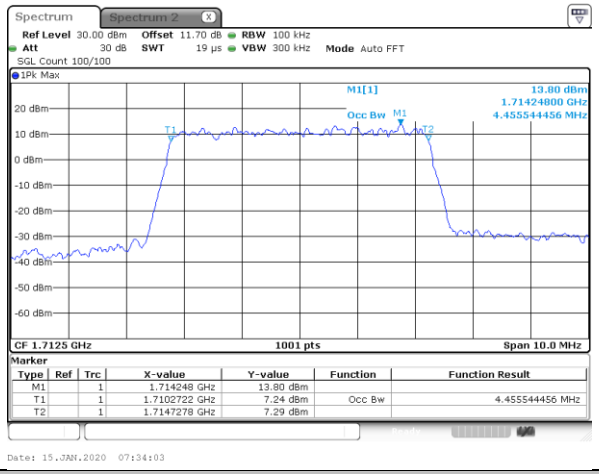
### Highest Channel / 3MHz / 64QAM



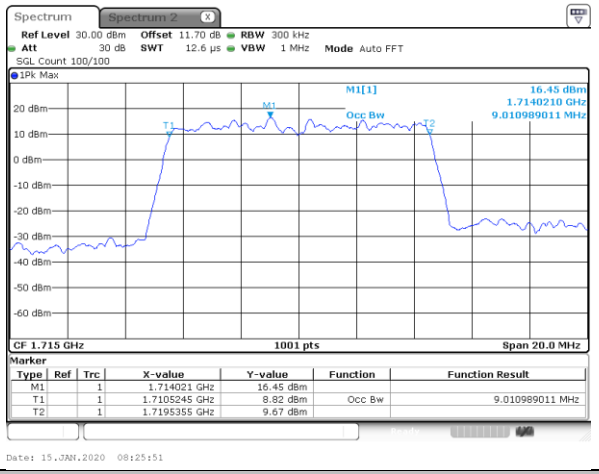

Date: 15.JAN.2020 07:30:21

## LTE Band 66

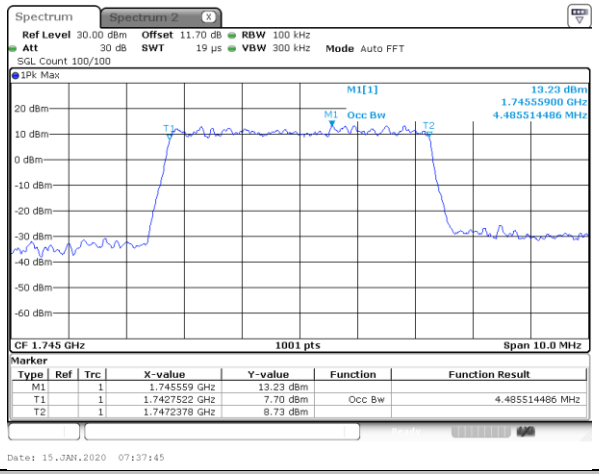
### Lowest Channel / 5MHz / 64QAM



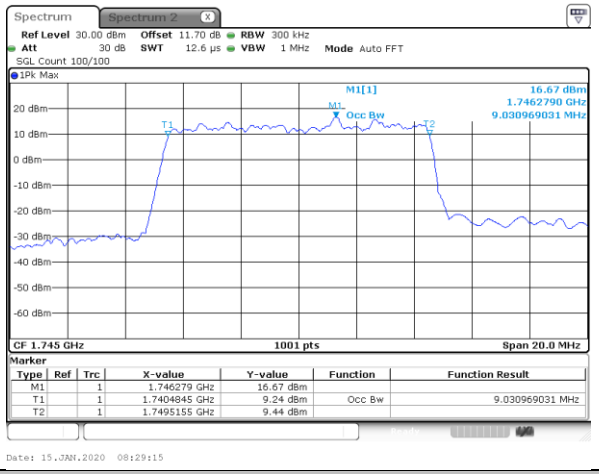

### Lowest Channel / 10MHz / 64QAM



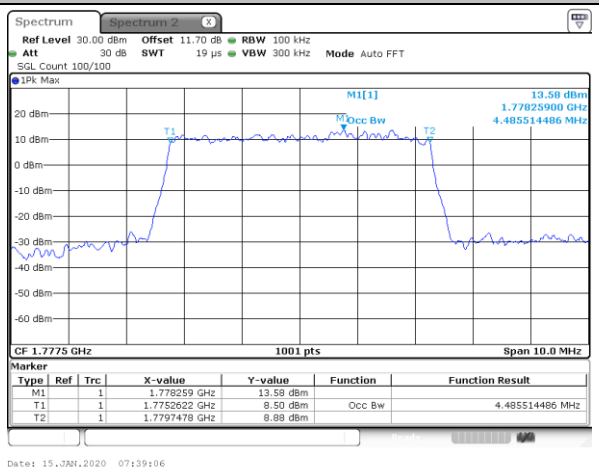

### Middle Channel / 5MHz / 64QAM



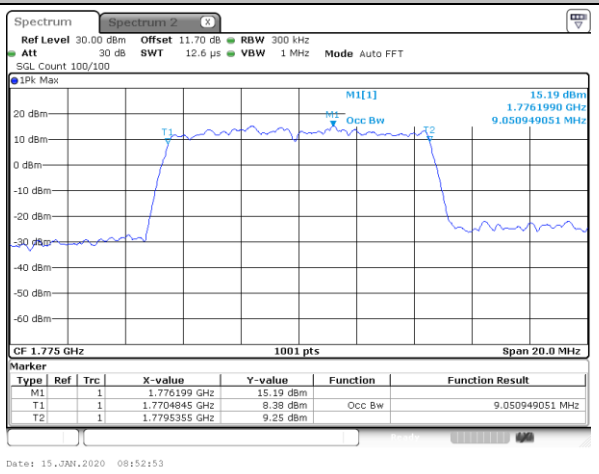

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

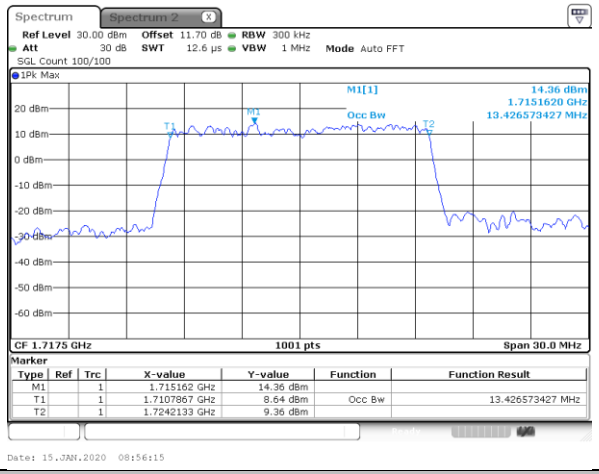



### Highest Channel / 10MHz / 64QAM

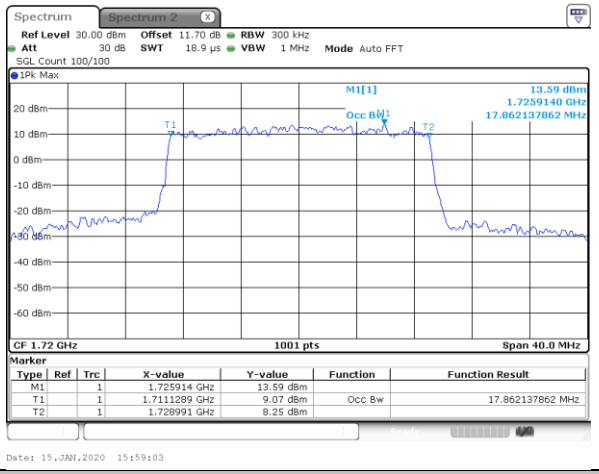


## LTE Band 66

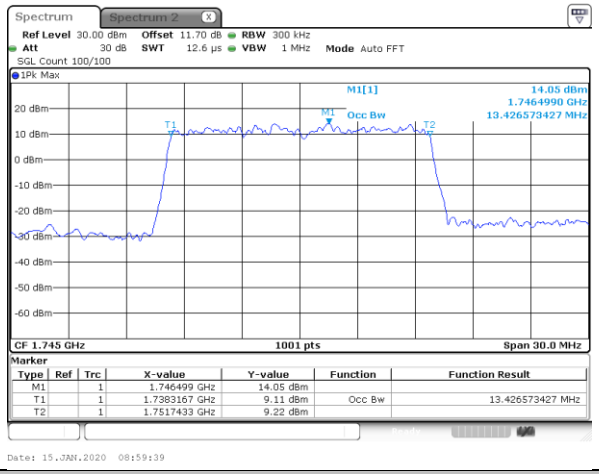
### Lowest Channel / 15MHz / 64QAM



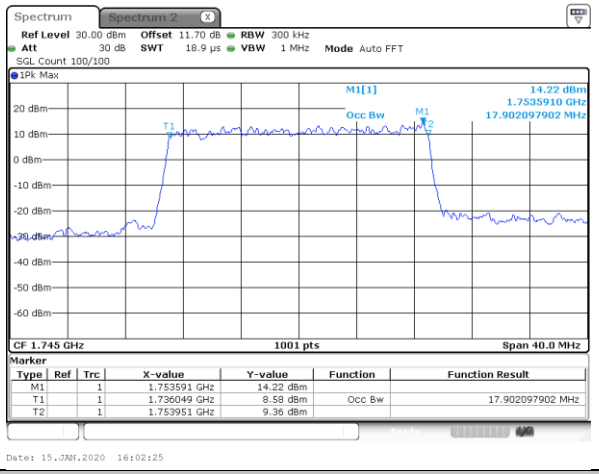

### Lowest Channel / 20MHz / 64QAM



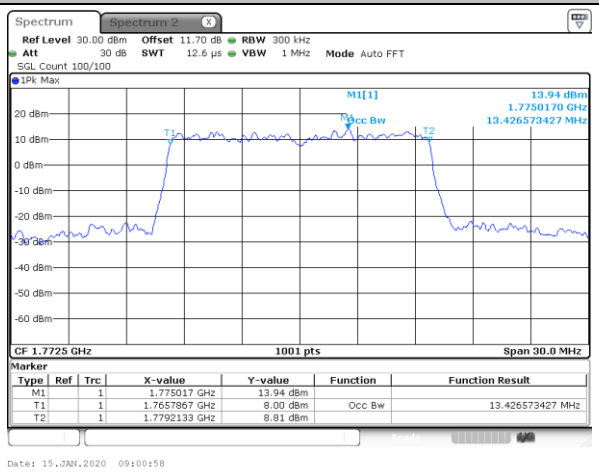

### Middle Channel / 15MHz / 64QAM



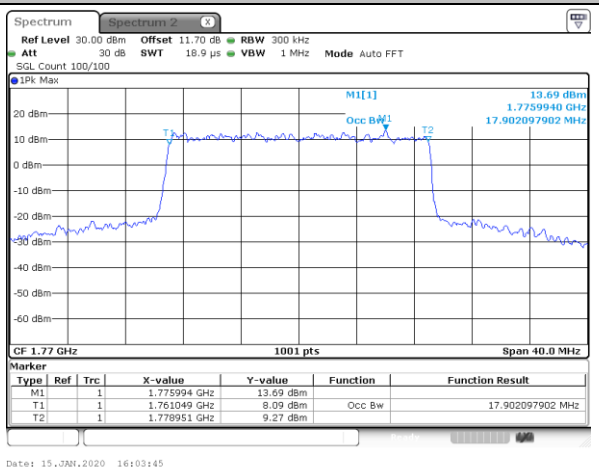

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM



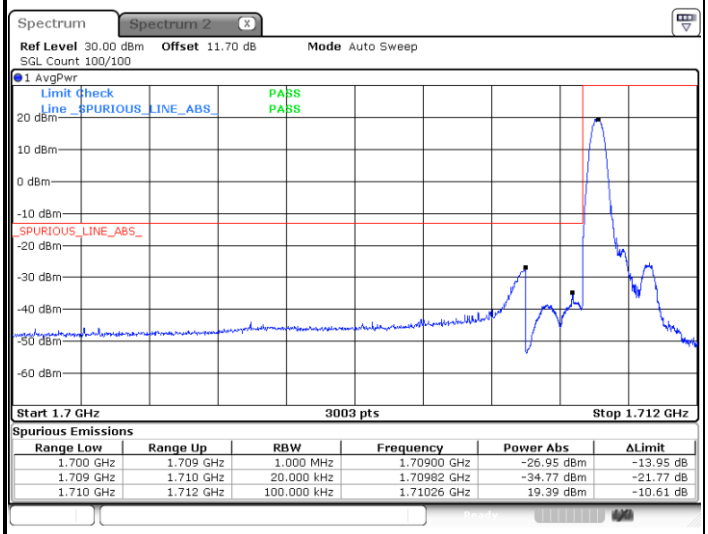

### Highest Channel / 20MHz / 64QAM



# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

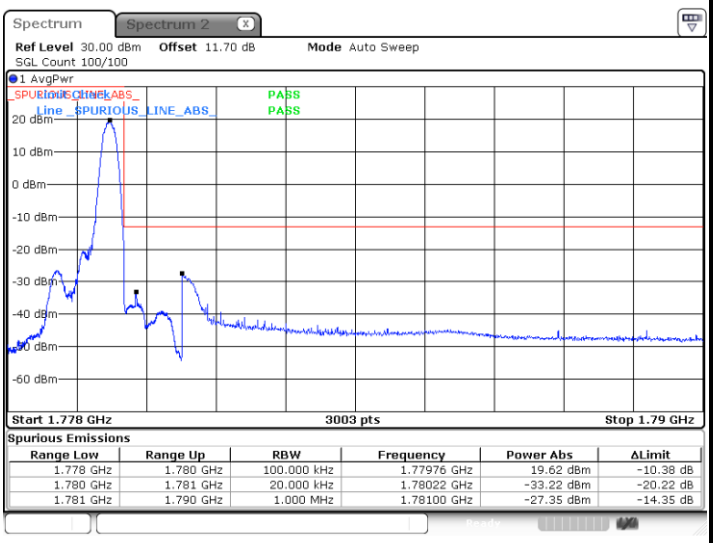



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -26.95 dBm | -13.95 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70982 GHz | -34.77 dBm | -21.77 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71026 GHz | 19.39 dBm | -10.61 dB |

Date: 15.JAN.2020 06:25:19

### Highest Band Edge / 1RB

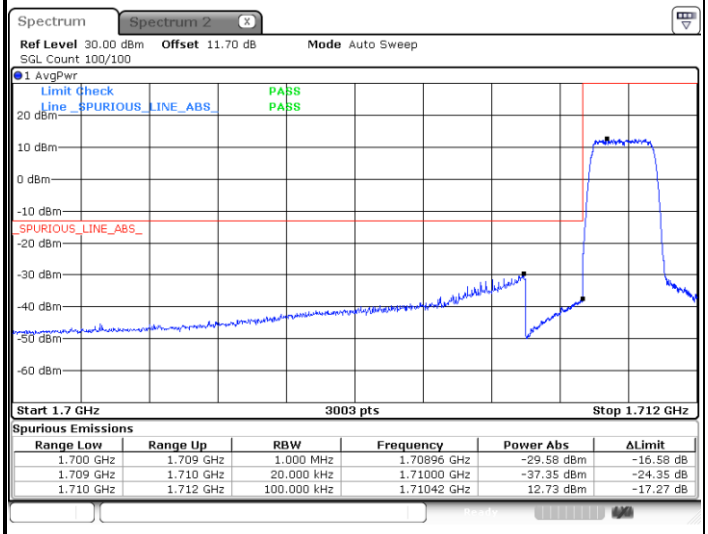



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77976 GHz | 19.62 dBm | -10.38 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78022 GHz | -33.22 dBm | -20.22 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78100 GHz | -27.35 dBm | -14.35 dB |

Date: 15.JAN.2020 06:36:05

### Lowest Band Edge / Full RB

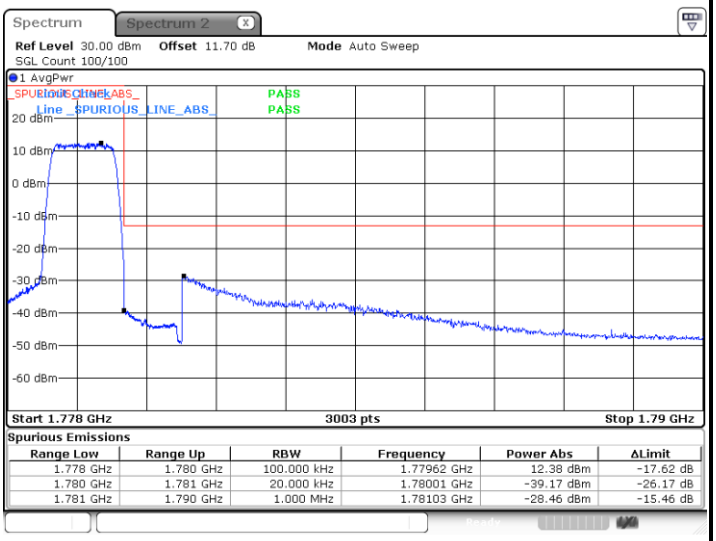



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70896 GHz | -29.58 dBm | -16.58 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -37.35 dBm | -24.35 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71042 GHz | 12.73 dBm | -17.27 dB |

Date: 15.JAN.2020 06:28:02

### Highest Band Edge / Full RB



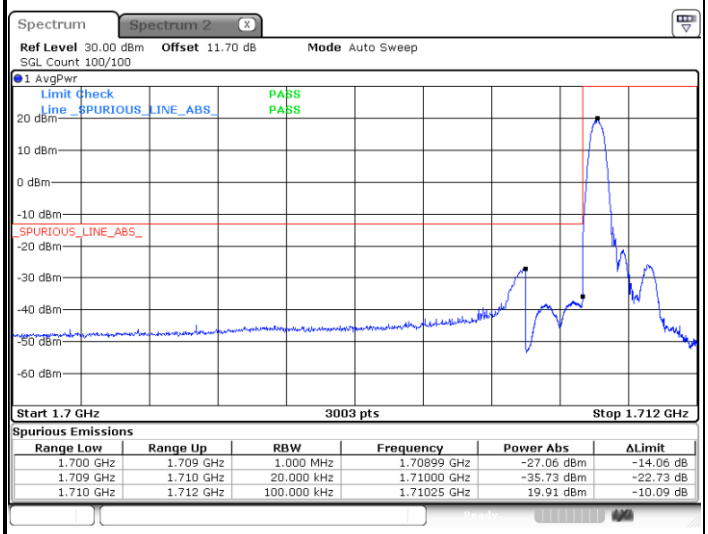

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77962 GHz | 12.38 dBm | -17.62 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78001 GHz | -39.17 dBm | -26.17 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78103 GHz | -28.46 dBm | -15.46 dB |

Date: 15.JAN.2020 06:38:49

## LTE Band 66 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

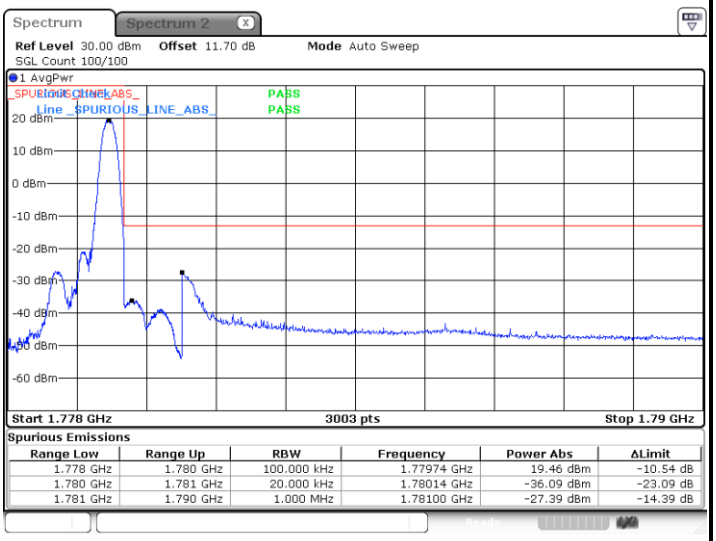



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -27.06 dBm | -14.06 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -35.73 dBm | -22.73 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71025 GHz | 19.91 dBm | -10.09 dB |

Date: 15.JAN.2020 06:26:41

### Highest Band Edge / 1 RB

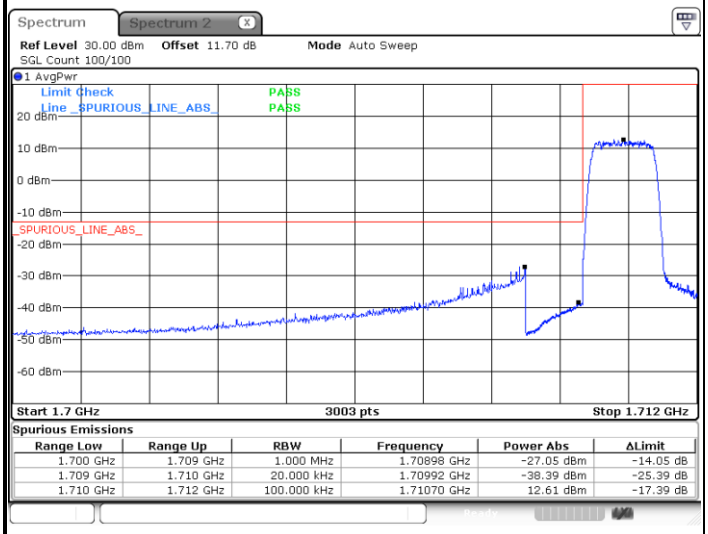



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77974 GHz | 19.46 dBm | -10.54 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78014 GHz | -36.09 dBm | -23.09 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78100 GHz | -27.39 dBm | -14.39 dB |

Date: 15.JAN.2020 06:37:27

### Lowest Band Edge / Full RB

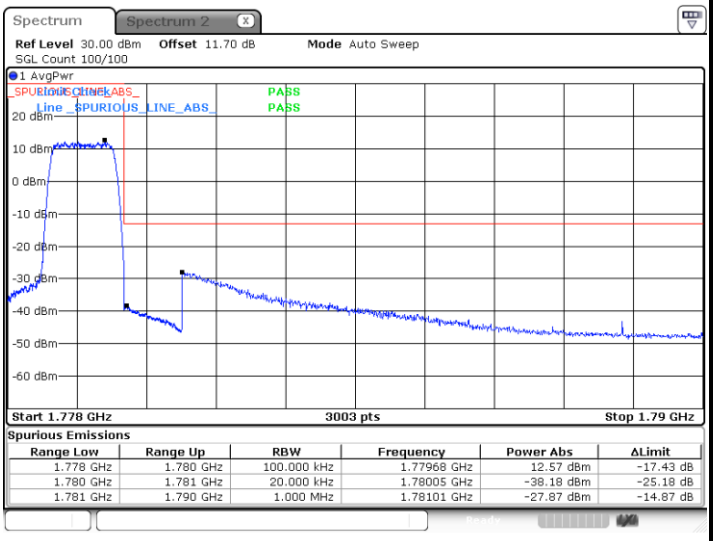



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -27.05 dBm | -14.05 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70992 GHz | -38.39 dBm | -25.39 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71070 GHz | 12.61 dBm | -17.39 dB |

Date: 15.JAN.2020 06:29:24

### Highest Band Edge / Full RB



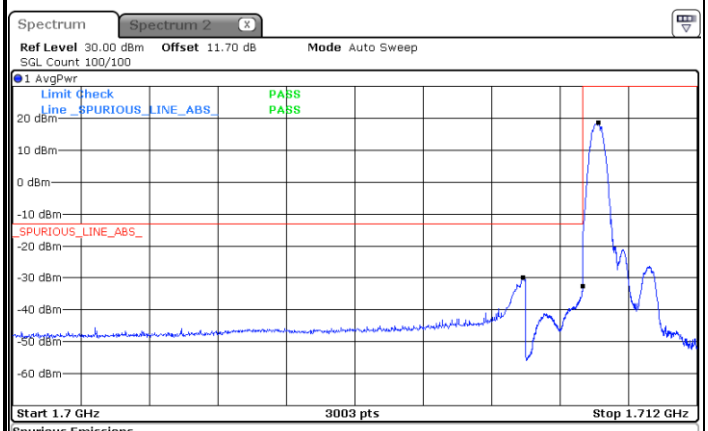

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77968 GHz | 12.57 dBm | -17.43 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78005 GHz | -38.18 dBm | -25.18 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78101 GHz | -27.87 dBm | -14.87 dB |

Date: 15.JAN.2020 06:40:11

## LTE Band 66 / 1.4MHz / 64QAM

### Lowest Band Edge / 1 RB

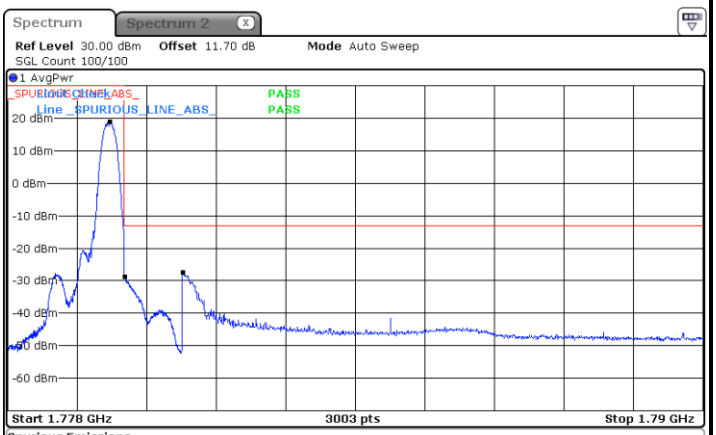



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -29.76 dBm | -16.76 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -32.57 dBm | -19.57 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71027 GHz | 18.63 dBm | -11.37 dB |

Date: 15.JAN.2020 06:43:45

### Highest Band Edge / 1 RB

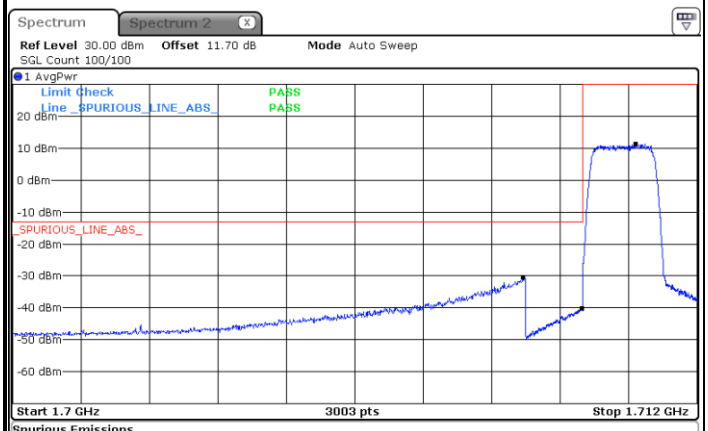



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77976 GHz | 18.82 dBm | -11.18 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78002 GHz | -28.76 dBm | -15.76 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78102 GHz | -27.51 dBm | -14.51 dB |

Date: 15.JAN.2020 07:05:29

### Lowest Band Edge / Full RB

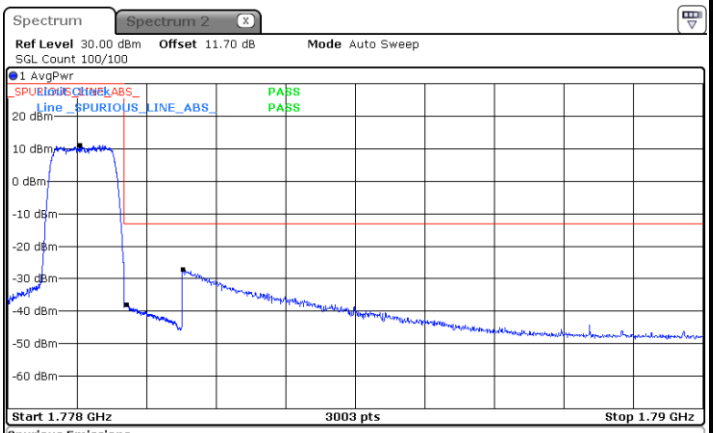



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -30.45 dBm | -17.45 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70998 GHz | -40.20 dBm | -27.20 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71092 GHz | 11.25 dBm | -18.75 dB |

Date: 15.JAN.2020 06:45:06

### Highest Band Edge / Full RB



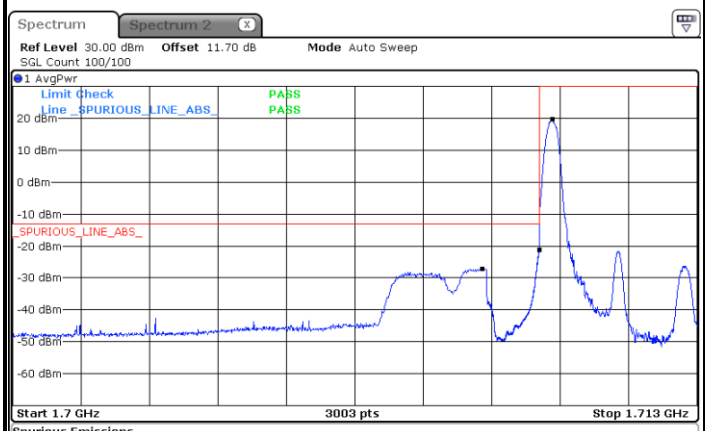

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.778 GHz | 1.780 GHz | 100.000 kHz | 1.77925 GHz | 11.08 dBm | -18.92 dB |
| 1.780 GHz | 1.781 GHz | 20.000 kHz | 1.78005 GHz | -37.94 dBm | -24.94 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78102 GHz | -27.05 dBm | -14.05 dB |

Date: 15.JAN.2020 07:06:40

## LTE Band 66 / 3MHz / QPSK

### Lowest Band Edge / 1RB

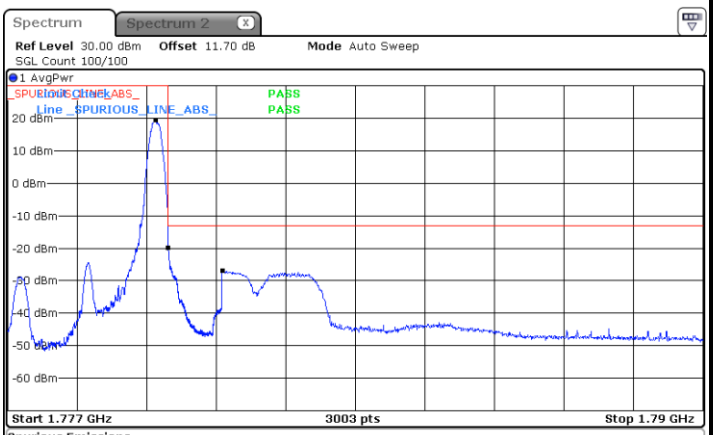



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70891 GHz | -27.07 dBm | -14.07 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -21.29 dBm | -8.29 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71025 GHz | 19.71 dBm | -10.29 dB |

Date: 15.JAN.2020 07:09:39

### Highest Band Edge / 1 RB

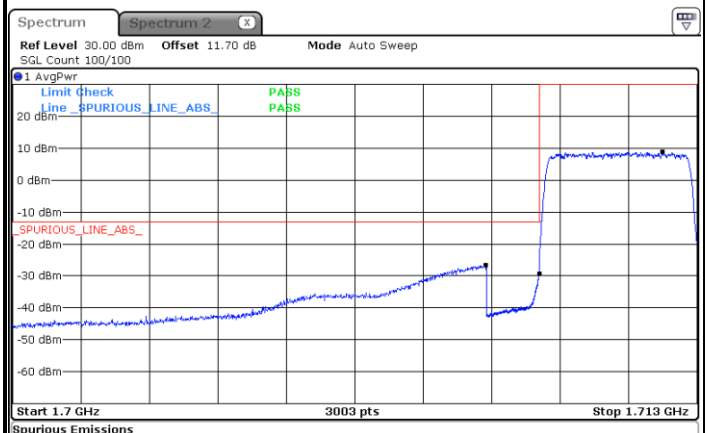



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77977 GHz | 19.39 dBm | -10.61 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -19.84 dBm | -6.84 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78102 GHz | -26.81 dBm | -13.81 dB |

Date: 15.JAN.2020 07:19:46

### Lowest Band Edge / Full RB

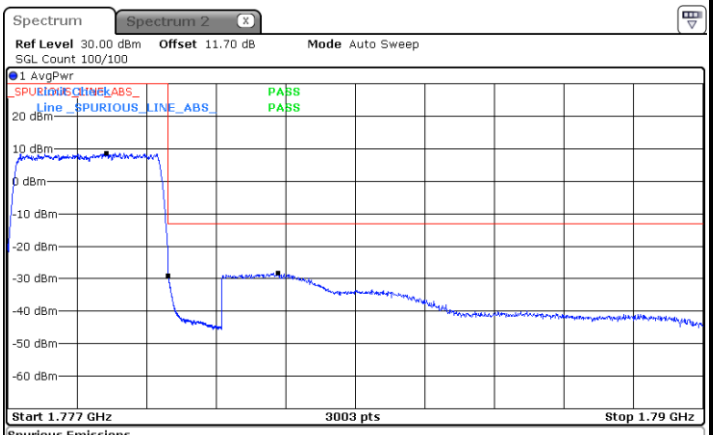



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -26.66 dBm | -13.66 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -29.26 dBm | -16.26 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71234 GHz | 8.88 dBm | -21.12 dB |

Date: 15.JAN.2020 07:12:02

### Highest Band Edge / Full RB



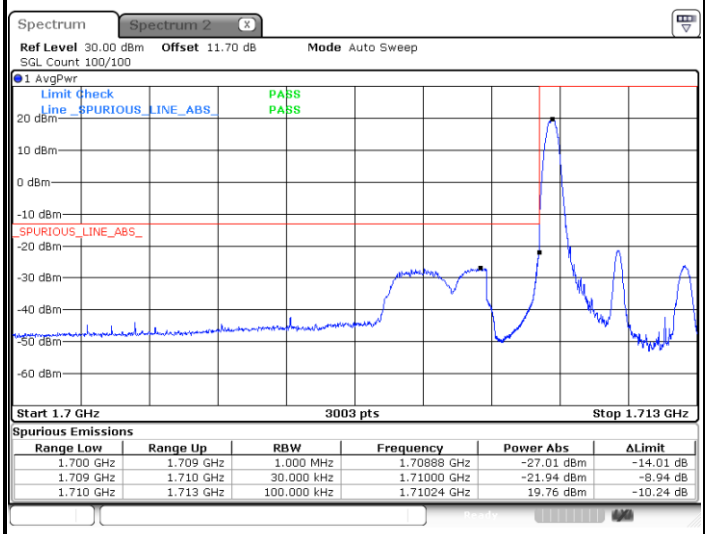

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77885 GHz | 8.63 dBm | -21.37 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -29.06 dBm | -16.06 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78205 GHz | -28.16 dBm | -15.16 dB |

Date: 15.JAN.2020 07:22:08

## LTE Band 66 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

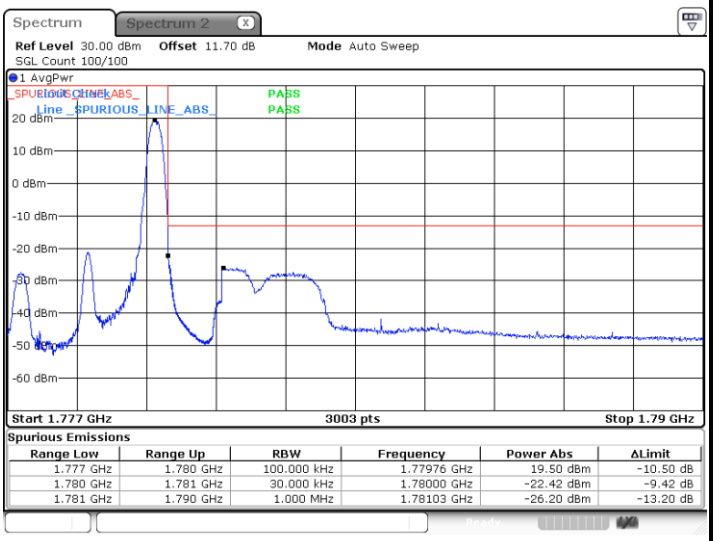



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70888 GHz | -27.01 dBm | -14.01 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -21.94 dBm | -8.94 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71024 GHz | 19.76 dBm | -10.24 dB |

Date: 15.JAN.2020 07:10:50

### Highest Band Edge /1 RB

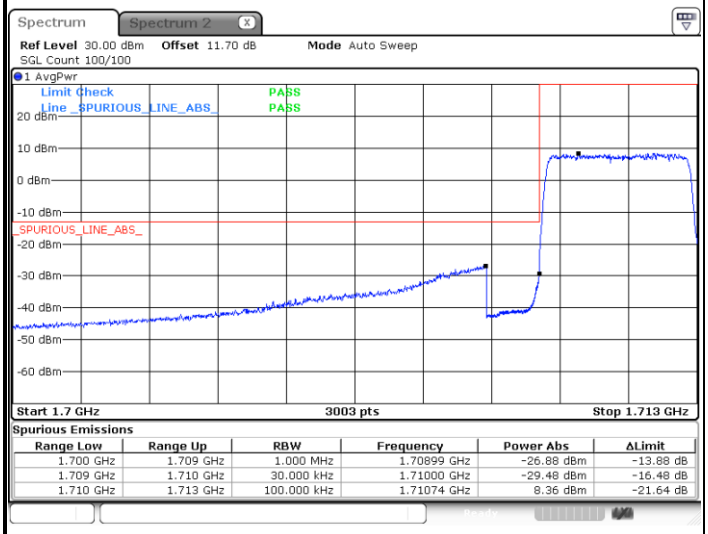



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77976 GHz | 19.50 dBm | -10.50 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -22.42 dBm | -9.42 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78103 GHz | -26.20 dBm | -13.20 dB |

Date: 15.JAN.2020 07:20:57

### Lowest Band Edge / Full RB

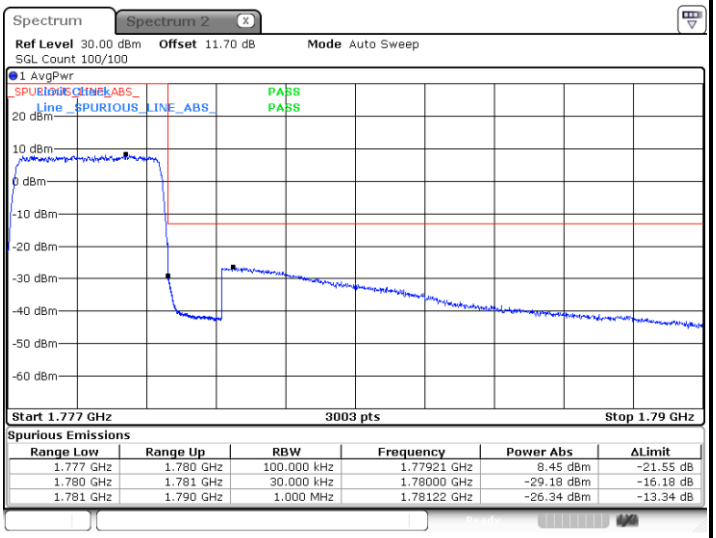



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -26.88 dBm | -13.88 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -29.48 dBm | -16.48 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71074 GHz | 8.36 dBm | -21.64 dB |

Date: 15.JAN.2020 07:13:13

### Highest Band Edge / Full RB



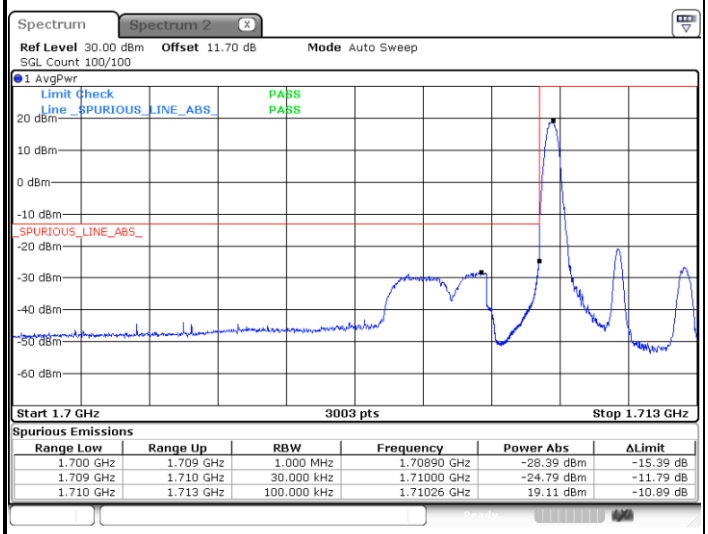

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77921 GHz | 8.45 dBm | -21.55 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -29.18 dBm | -16.18 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78122 GHz | -26.34 dBm | -13.34 dB |

Date: 15.JAN.2020 07:23:19

## LTE Band 66 / 3MHz / 64QAM

### Lowest Band Edge / 1 RB

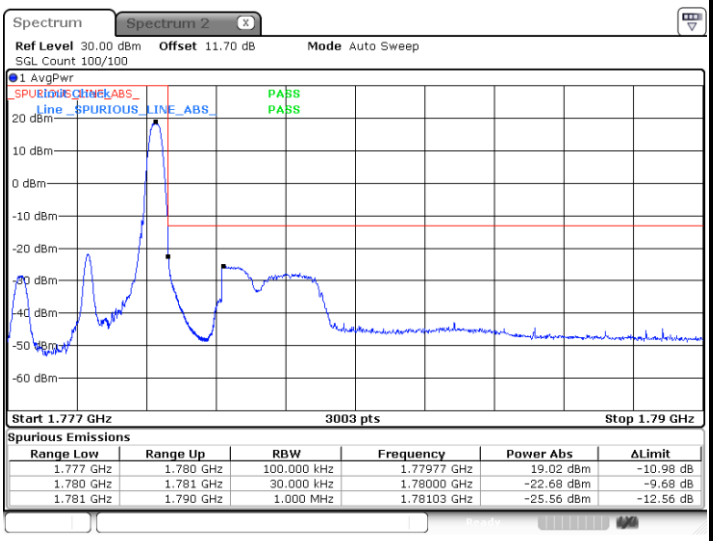



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70890 GHz | -28.39 dBm | -15.39 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -24.79 dBm | -11.79 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71026 GHz | 19.11 dBm | -10.89 dB |

Date: 15.JAN.2020 07:26:44

### Highest Band Edge /1 RB

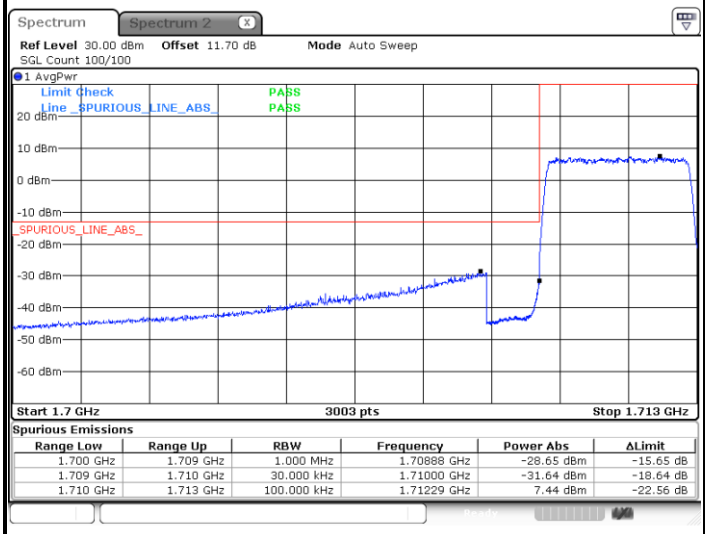



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77977 GHz | 19.02 dBm | -10.98 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -22.68 dBm | -9.68 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78103 GHz | -25.56 dBm | -12.56 dB |

Date: 15.JAN.2020 07:31:46

### Lowest Band Edge / Full RB

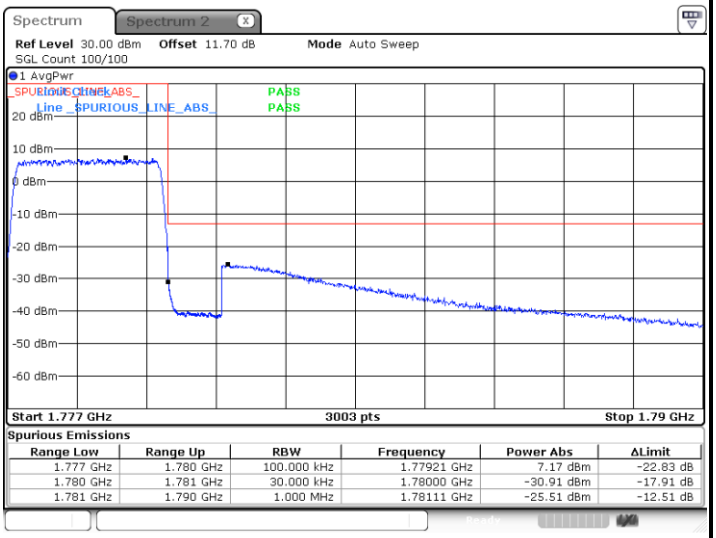



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70888 GHz | -28.65 dBm | -15.65 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -31.64 dBm | -18.64 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71229 GHz | 7.44 dBm | -22.56 dB |

Date: 15.JAN.2020 07:27:55

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.777 GHz | 1.780 GHz | 100.000 kHz | 1.77921 GHz | 7.17 dBm | -22.83 dB |
| 1.780 GHz | 1.781 GHz | 30.000 kHz | 1.78000 GHz | -30.91 dBm | -17.91 dB |
| 1.781 GHz | 1.790 GHz | 1.000 MHz | 1.78111 GHz | -25.51 dBm | -12.51 dB |

Date: 15.JAN.2020 07:32:57