LTE Band 4	
Lowest Channel / 5MHz / QPSK	**Lowest Channel / 5MHz / 16QAM**

Lowest Channel / 5MHz / QPSK

Marker	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.711501 GHz	17.09 dBm	ndB down	4.925 MHz
T1		1	1.710032 GHz	-8.52 dBm	ndB	26.00 dB
T2		1	1.714958 GHz	-9.13 dBm	Q factor	347.5

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Lowest Channel / 5MHz / 16QAM

Marker	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71211 GHz	15.64 dBm	ndB down	4.885 MHz
T1		1	1.710072 GHz	-10.28 dBm	ndB	26.00 dB
T2		1	1.714958 GHz	-9.86 dBm	Q factor	350.5
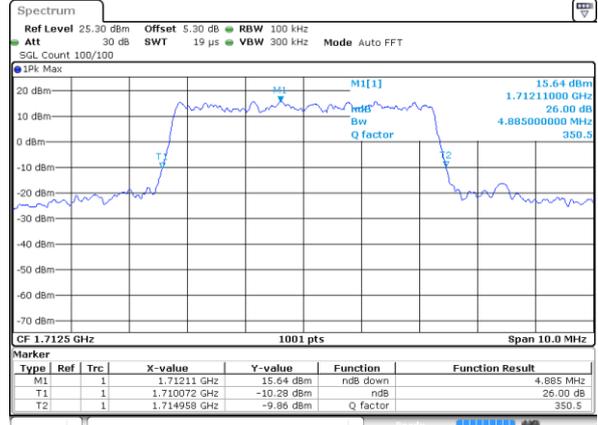
Date: 29.JUN.2018 15:54:53

Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**

Middle Channel / 5MHz / QPSK

Marker	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.730652 GHz	16.47 dBm	ndB down	4.925 MHz
T1		1	1.730002 GHz	-9.11 dBm	ndB	26.00 dB
T2		1	1.734928 GHz	-9.73 dBm	Q factor	351.4
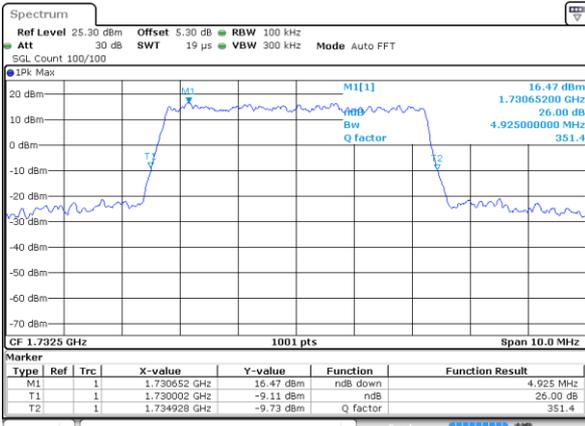
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Middle Channel / 5MHz / 16QAM

Marker	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73224 GHz	16.12 dBm	ndB down	4.915 MHz
T1		1	1.730022 GHz	-9.64 dBm	ndB	26.00 dB
T2		1	1.734938 GHz	-9.59 dBm	Q factor	352.4
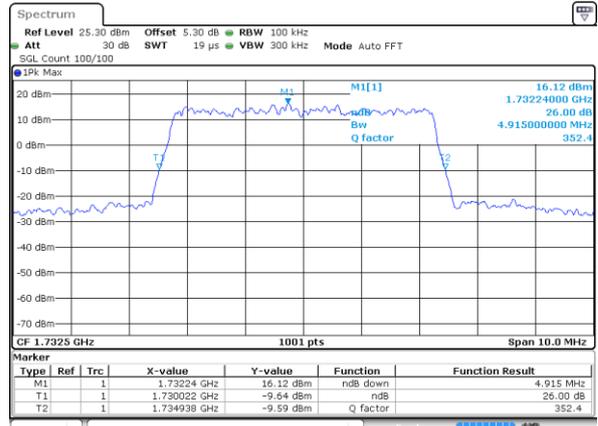
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Highest Channel / 5MHz / QPSK	**Highest Channel / 5MHz / 16QAM**

Highest Channel / 5MHz / QPSK

Marker	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.753309 GHz	16.78 dBm	ndB down	4.885 MHz
T1		1	1.750082 GHz	-8.90 dBm	ndB	26.00 dB
T2		1	1.754968 GHz	-8.92 dBm	Q factor	358.9
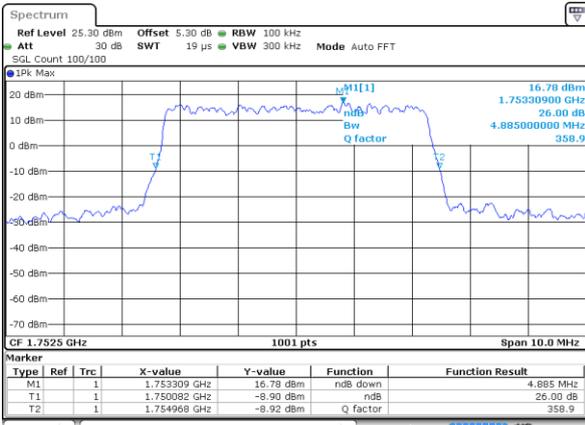
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Highest Channel / 5MHz / 16QAM

Marker	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.751311 GHz	15.98 dBm	ndB down	4.905 MHz
T1		1	1.750042 GHz	-10.01 dBm	ndB	26.00 dB
T2		1	1.754948 GHz	-9.94 dBm	Q factor	357.0

Date: 29.JUN.2018 16:04:20

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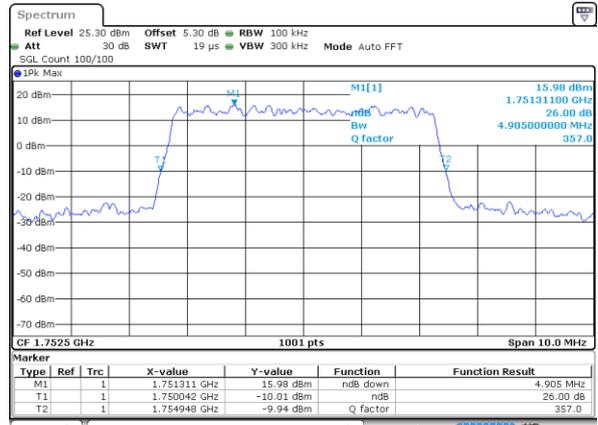
LTE Band 4	
Lowest Channel / 10MHz / QPSK	**Lowest Channel / 10MHz / 16QAM**
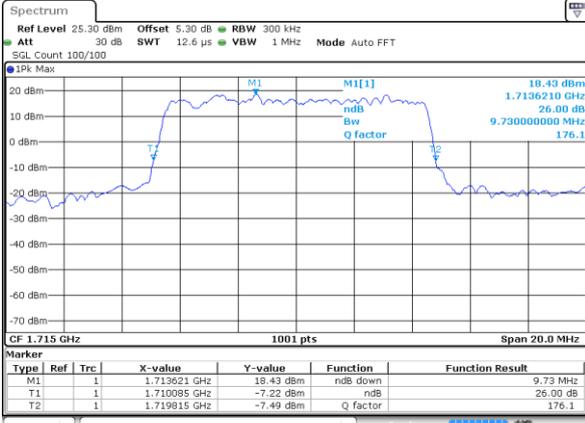
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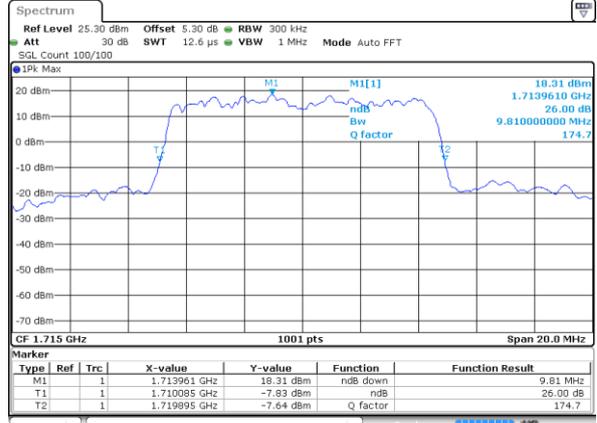
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Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
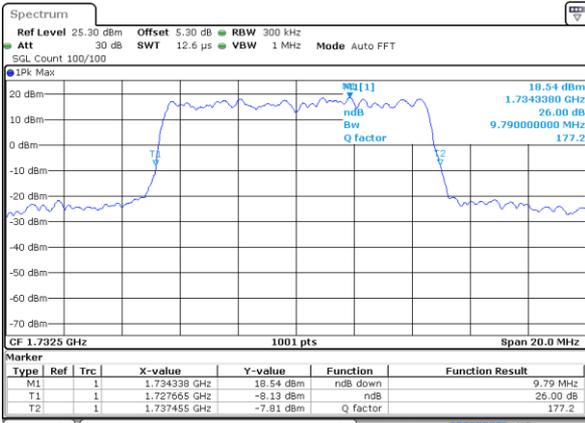
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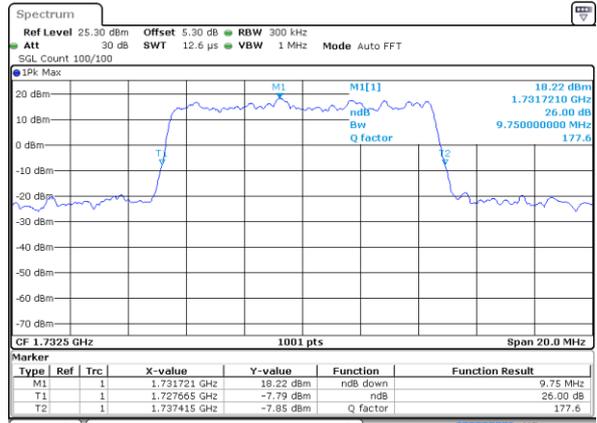
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Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**
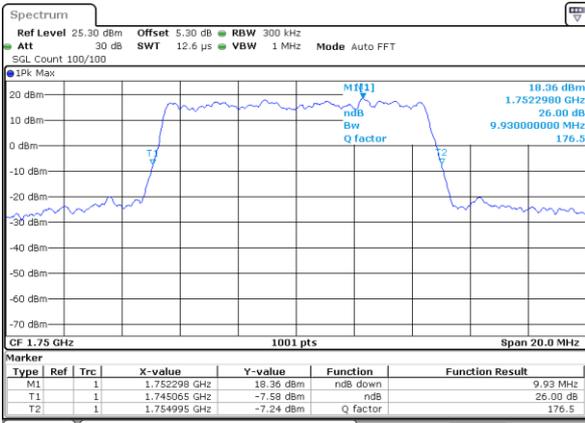
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Date: 29.JUN.2018 16:20:46

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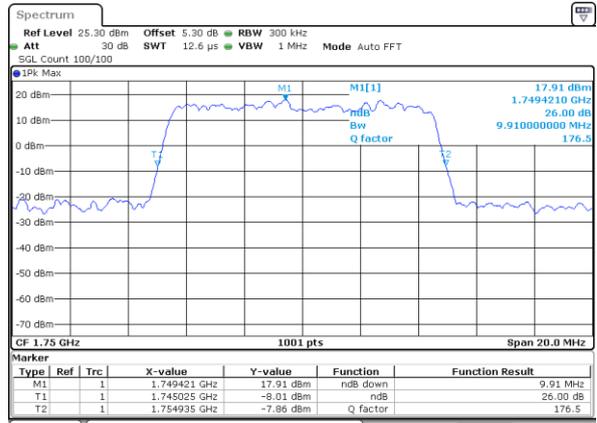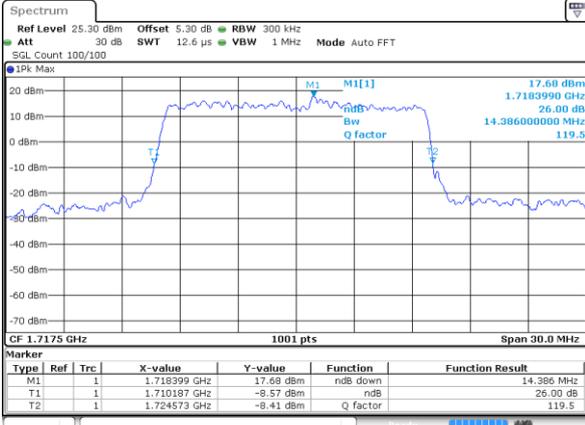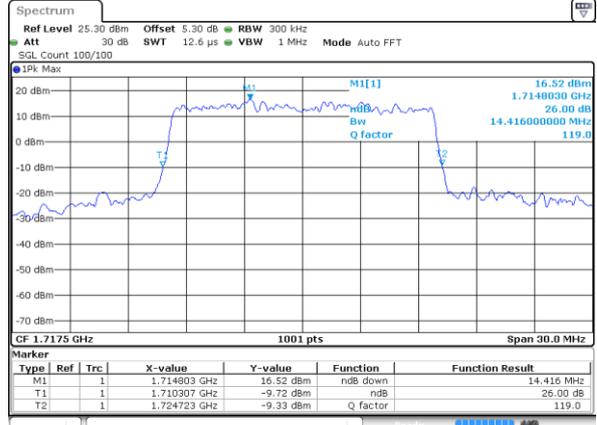
LTE Band 4	
Lowest Channel / 15MHz / QPSK	**Lowest Channel / 15MHz / 16QAM**
Date: 29.JUN.2018 16:27:35	Date: 29.JUN.2018 16:27:45
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
Date: 29.JUN.2018 16:34:34	Date: 29.JUN.2018 16:34:44
Highest Channel / 15MHz / QPSK	**Highest Channel / 15MHz / 16QAM**
Date: 29.JUN.2018 16:37:03	Date: 29.JUN.2018 16:37:13
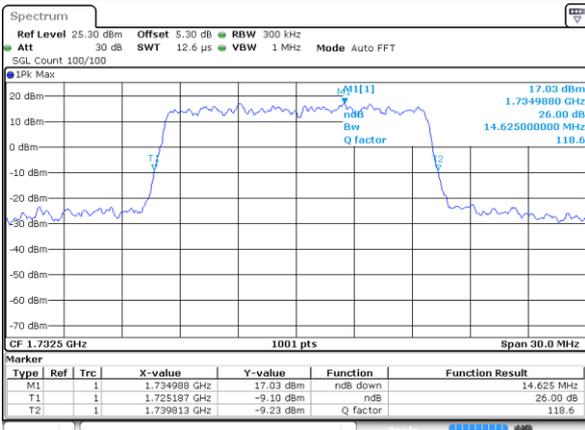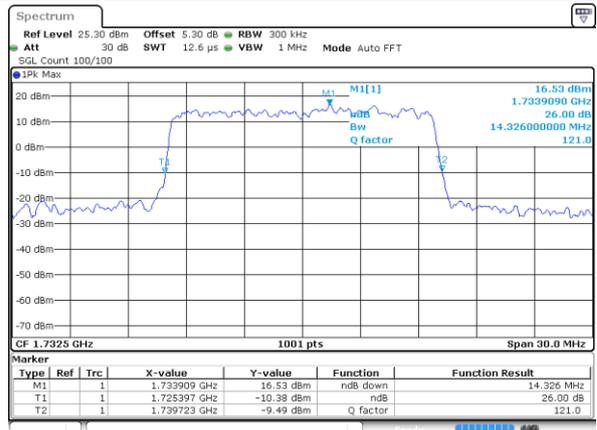
LTE Band 4

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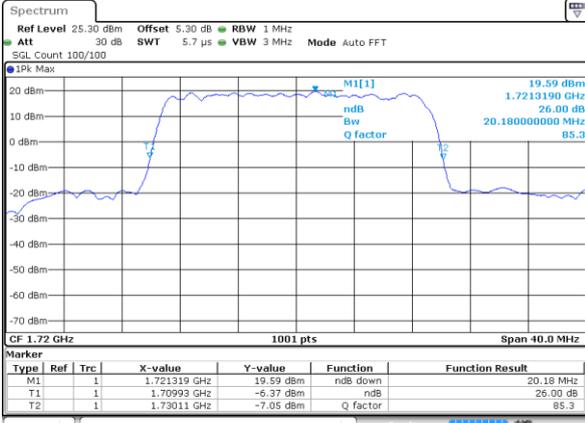
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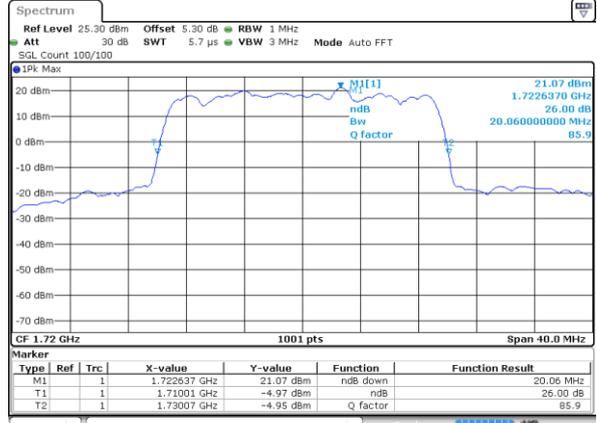
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Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
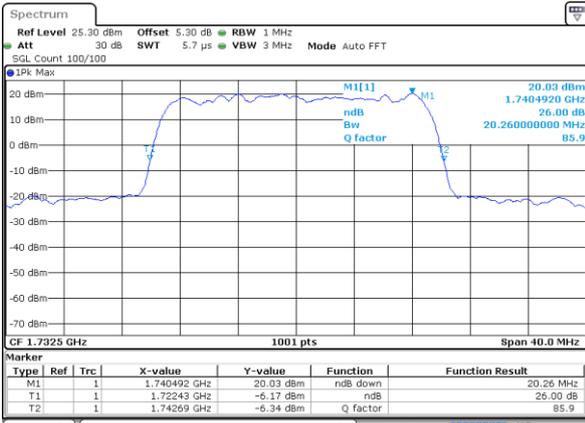
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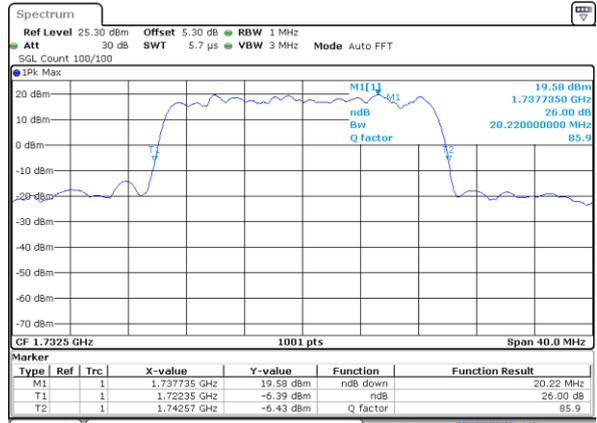
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Highest Channel / 20MHz / QPSK	Highest Channel / 20MHz / 16QAM
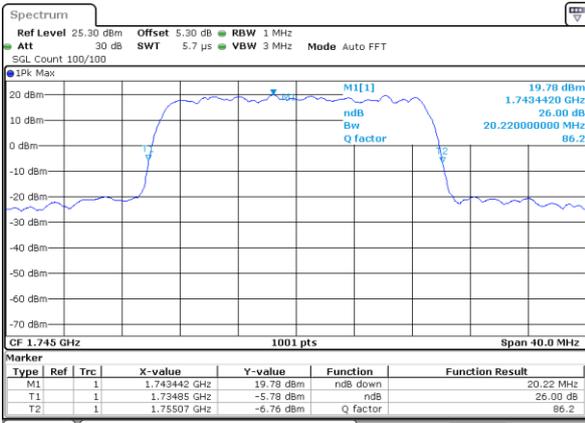
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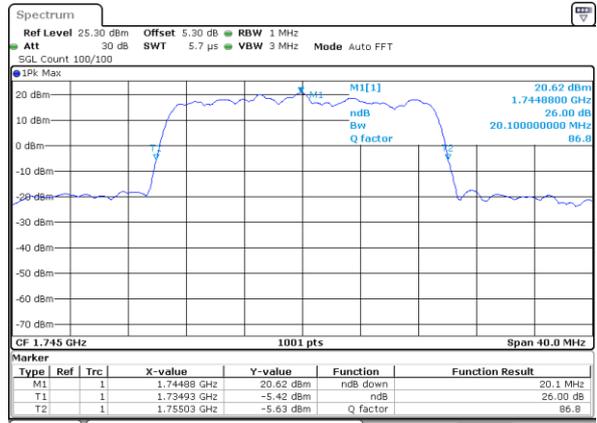
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LTE Band 4	
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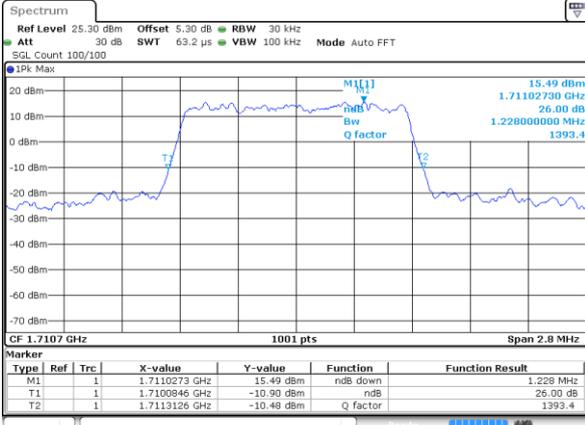
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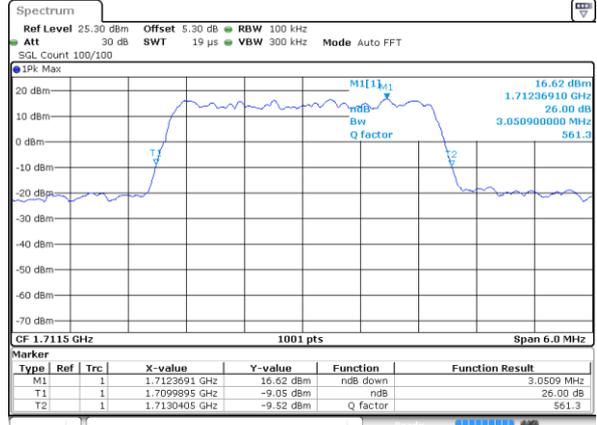
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Middle Channel / 1.4MHz / 64QAM	**Middle Channel / 3MHz / 64QAM**
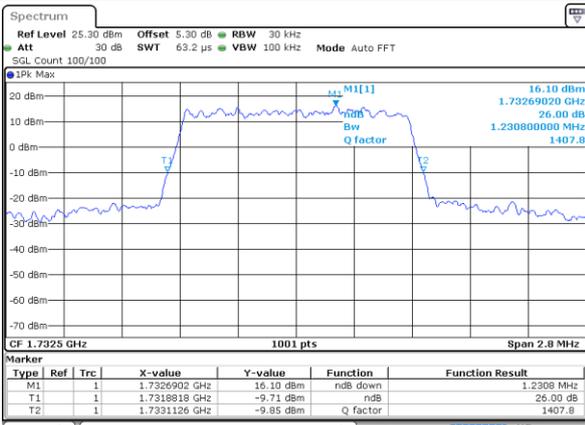
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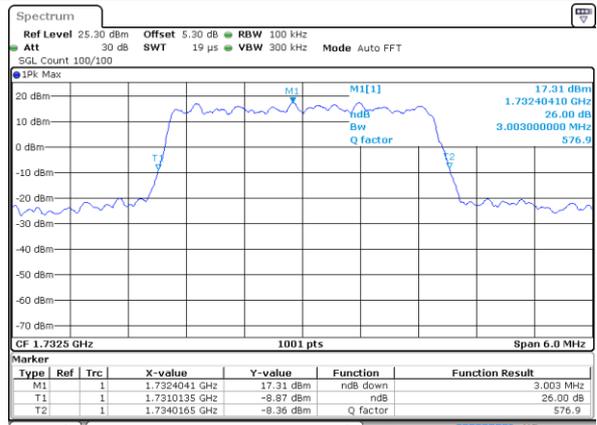
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Highest Channel / 1.4MHz / 64QAM	**Highest Channel / 3MHz / 64QAM**
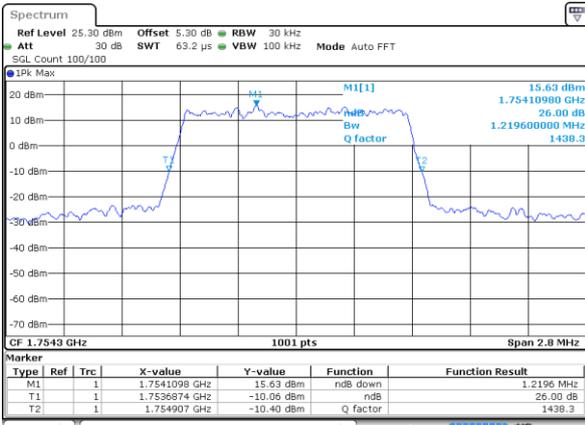
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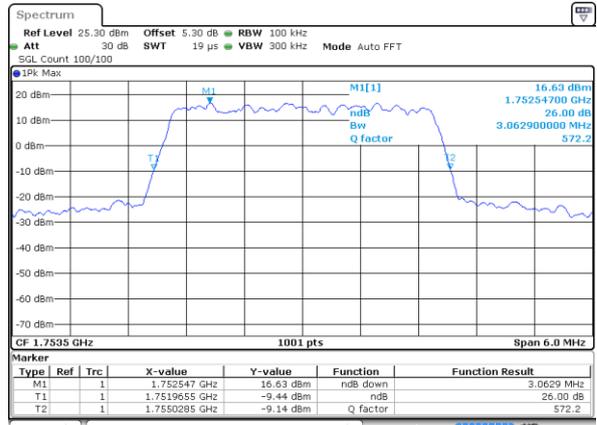
LTE Band 4	
Lowest Channel / 5MHz / 64QAM	**Lowest Channel / 10MHz / 64QAM**
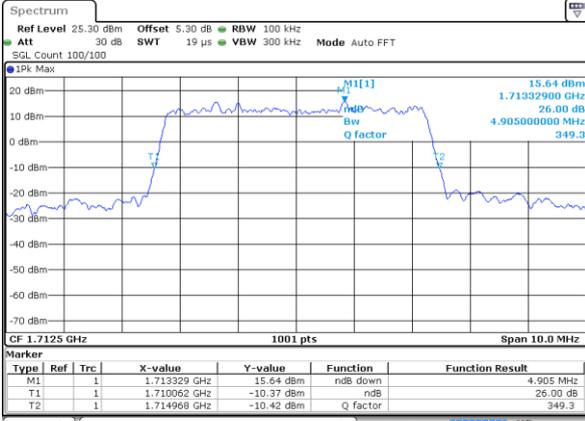
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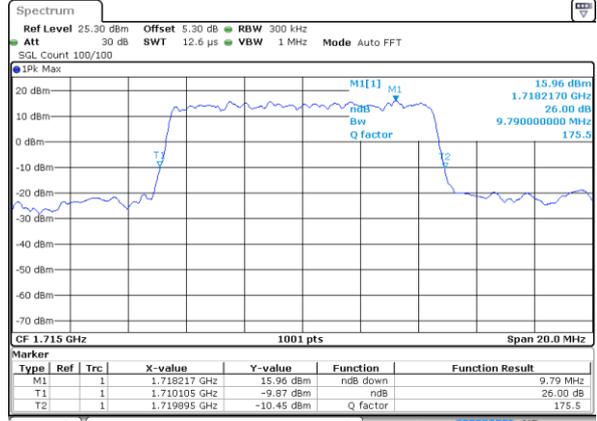
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Middle Channel / 5MHz / 64QAM	**Middle Channel /10MHz / 64QAM**
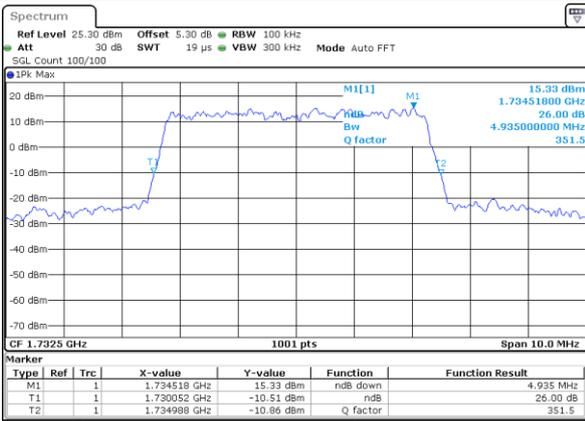
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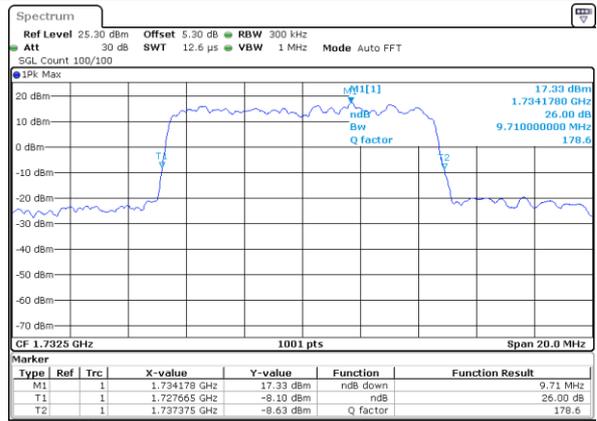
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Highest Channel /5MHz / 64QAM	**Highest Channel /10MHz / 64QAM**
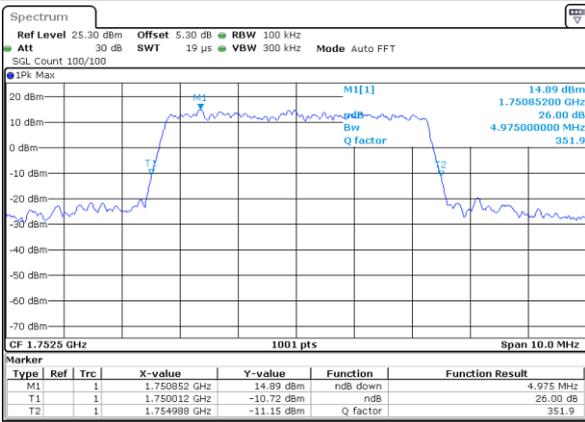
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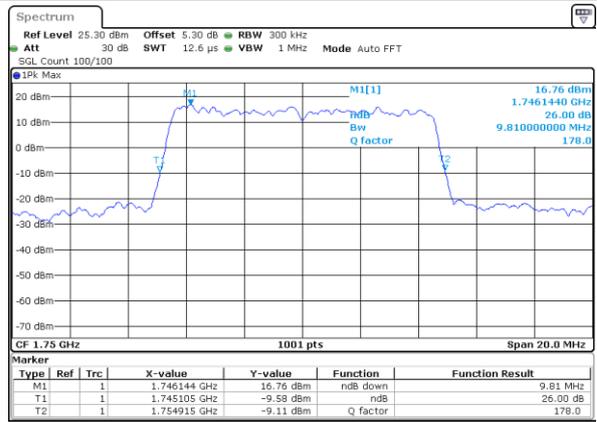
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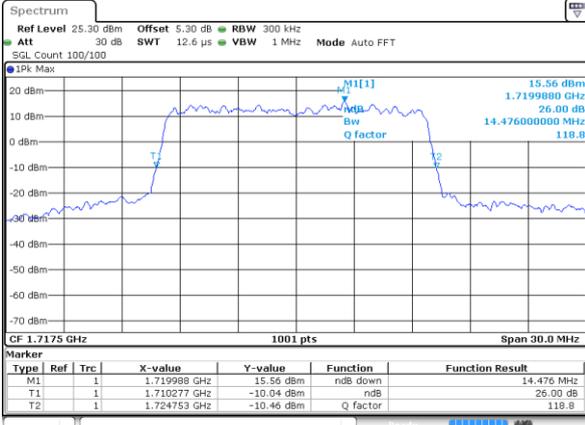
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LTE Band 4	
Lowest Channel / 15MHz / 64QAM	**Lowest Channel / 20MHz / 64QAM**

Middle Channel / 15MHz / 64QAM	**Middle Channel /20MHz / 64QAM**

Highest Channel /15MHz / 64QAM	**Highest Channel /20MHz / 64QAM**

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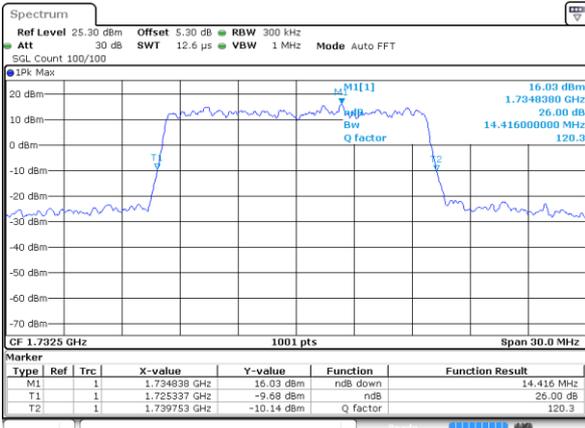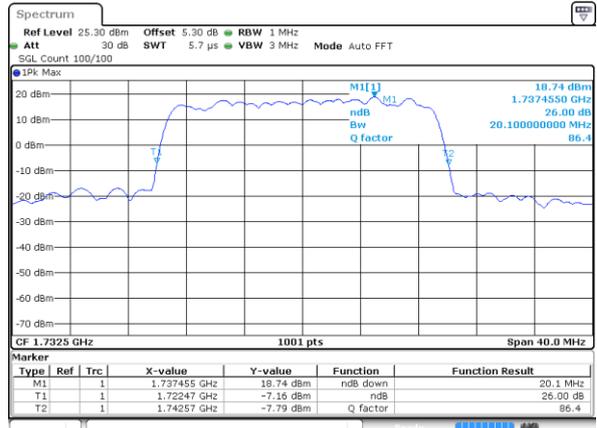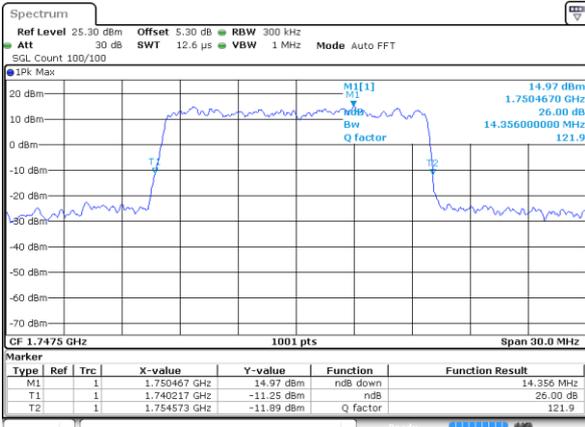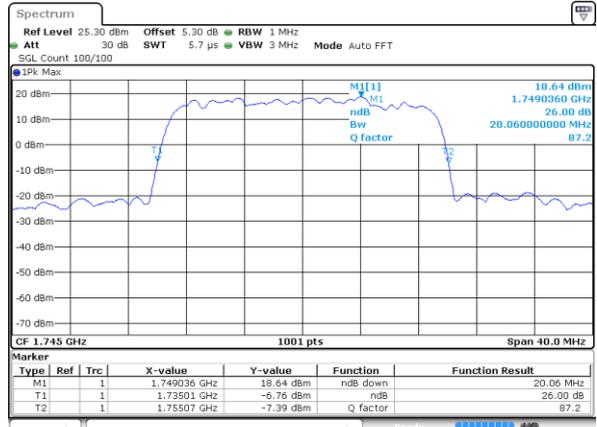
LTE Band 5

Lowest Channel / 1.4MHz / QPSK	Lowest Channel / 1.4MHz / 16QAM
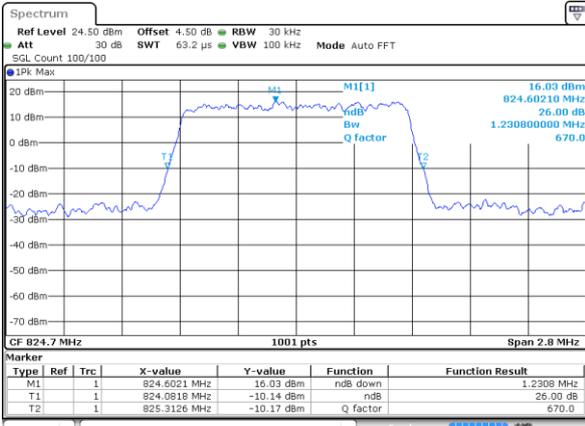
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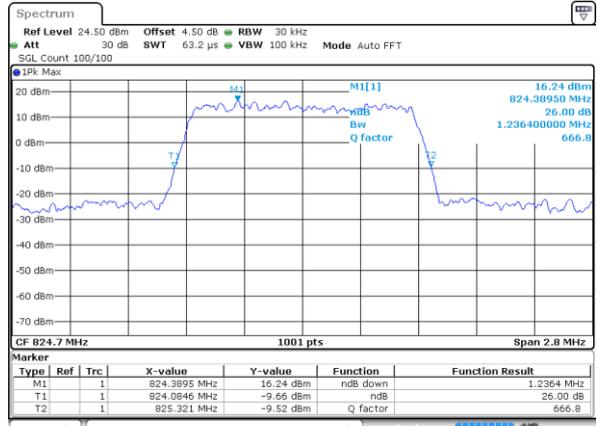
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Middle Channel / 1.4MHz / QPSK	Middle Channel / 1.4MHz / 16QAM
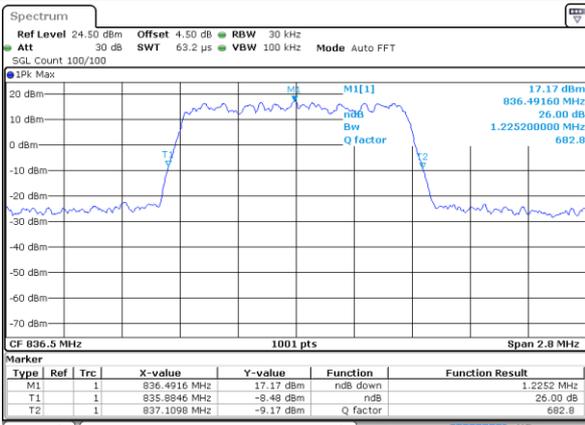
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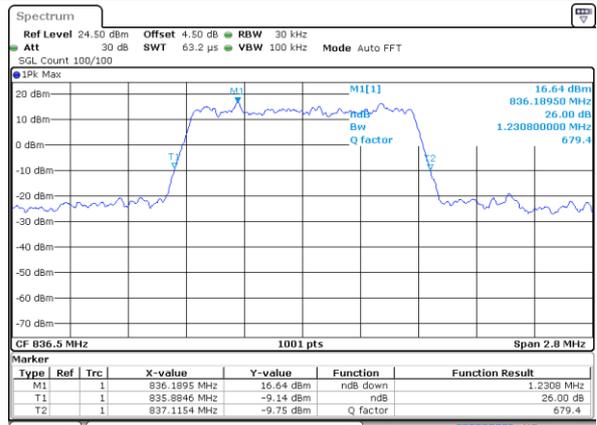
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Highest Channel / 1.4MHz / QPSK	Highest Channel / 1.4MHz / 16QAM
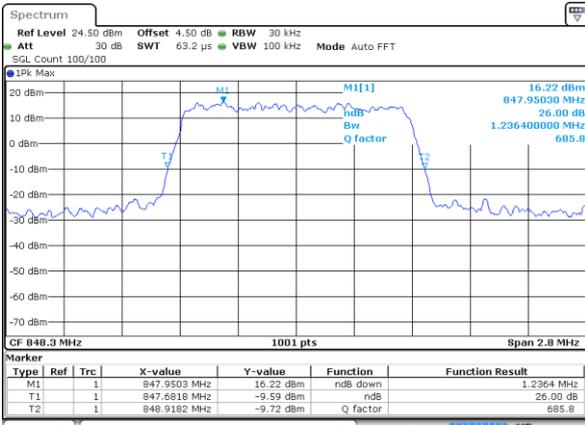
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Date: 2 JUL 2018 09:41:01

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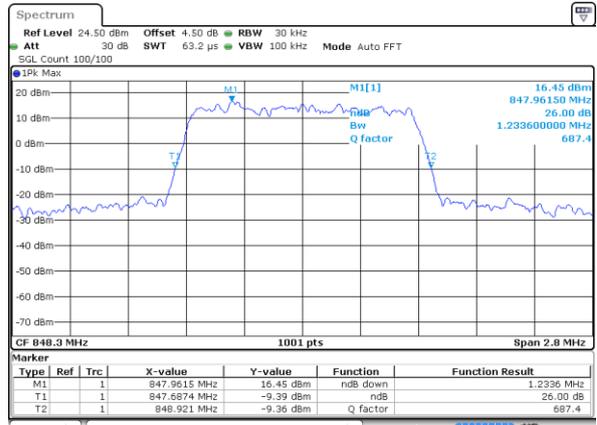
LTE Band 5

Lowest Channel / 3MHz / QPSK	Lowest Channel / 3MHz / 16QAM
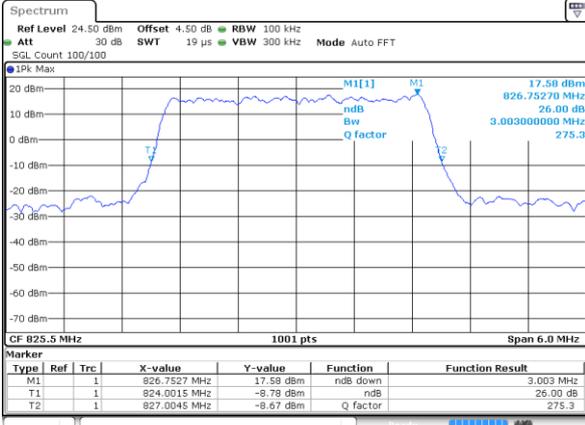
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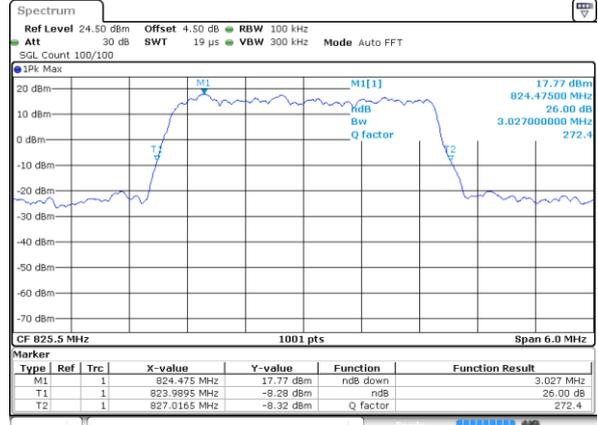
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Middle Channel / 3MHz / QPSK	Middle Channel /3MHz / 16QAM
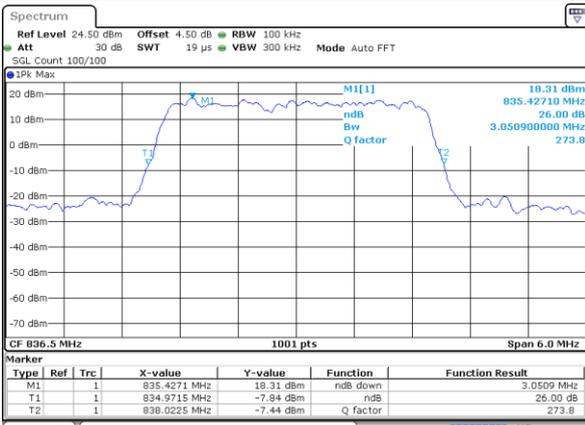
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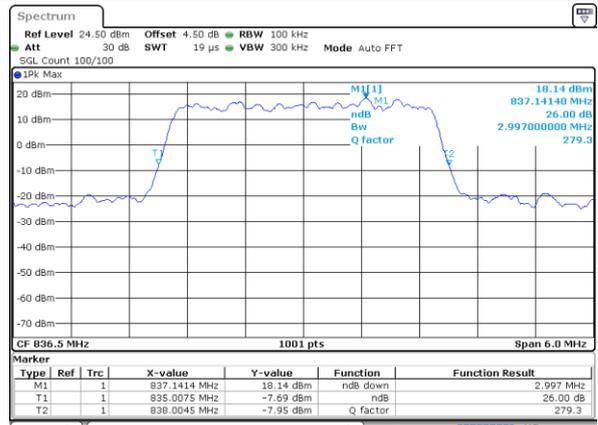
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Highest Channel /3MHz / QPSK	Highest Channel /3MHz / 16QAM
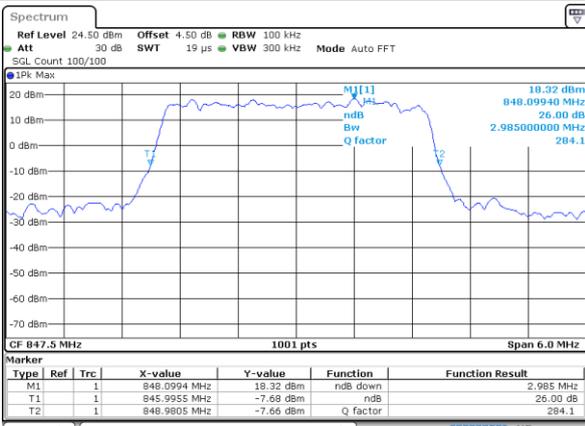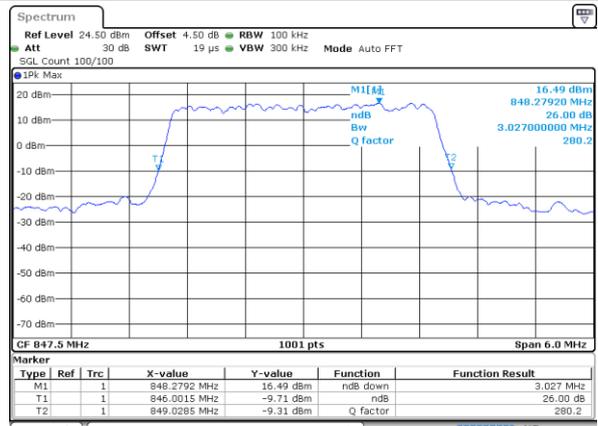
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Date: 2 JUL 2018 10:01:46

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LTE Band 5

Lowest Channel / 5MHz / QPSK	Lowest Channel / 5MHz / 16QAM
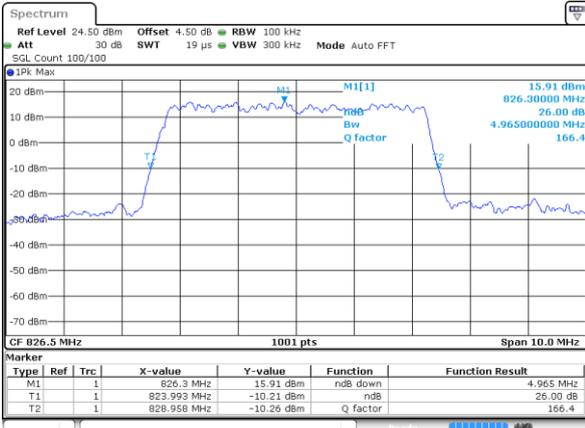
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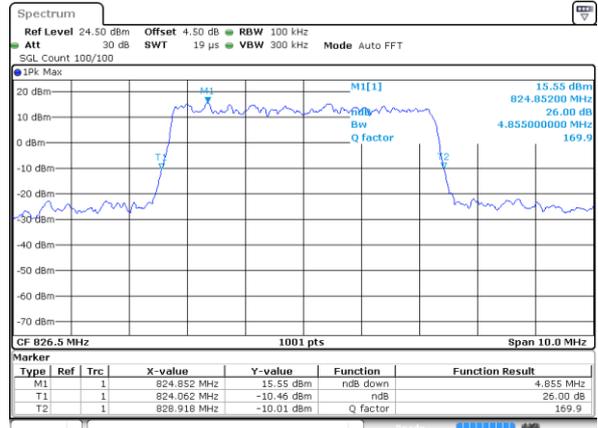
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Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM

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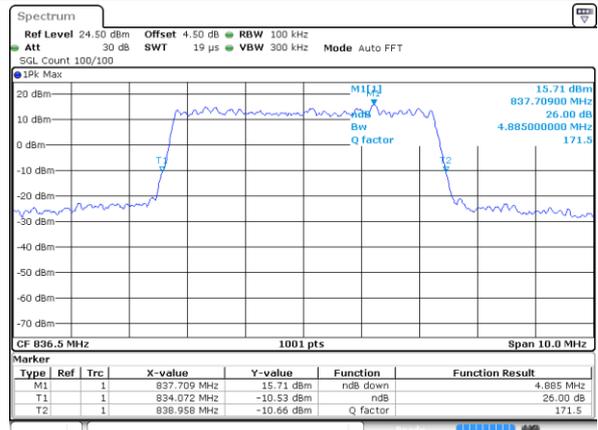
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Highest Channel / 5MHz / QPSK	Highest Channel / 5MHz / 16QAM
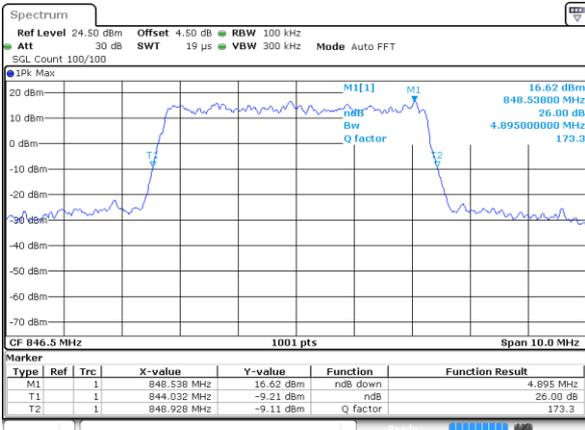
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Date: 2 JUL 2018 10:22:31

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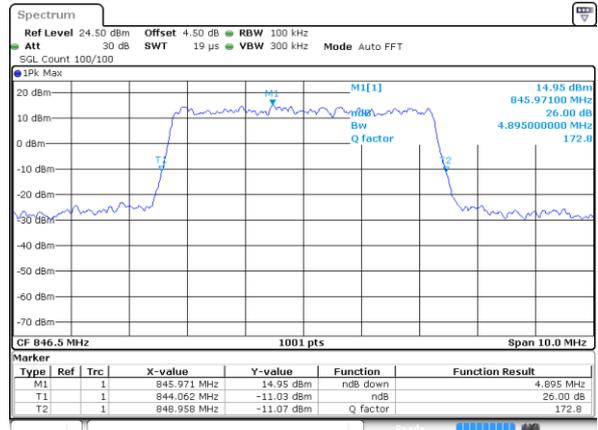
LTE Band 5	
Lowest Channel / 10MHz / QPSK	**Lowest Channel / 10MHz / 16QAM**
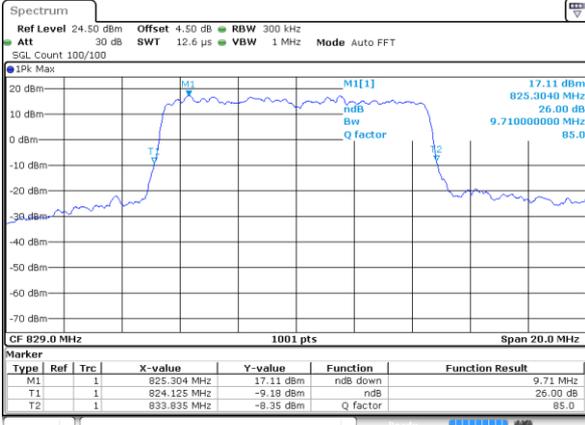
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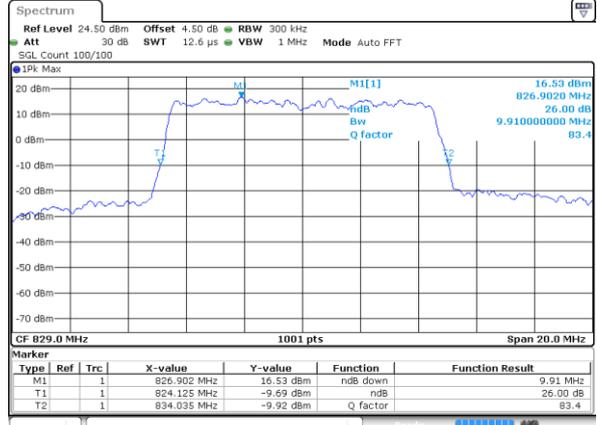
Date: 2 JUL 2018 10:31:37

Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
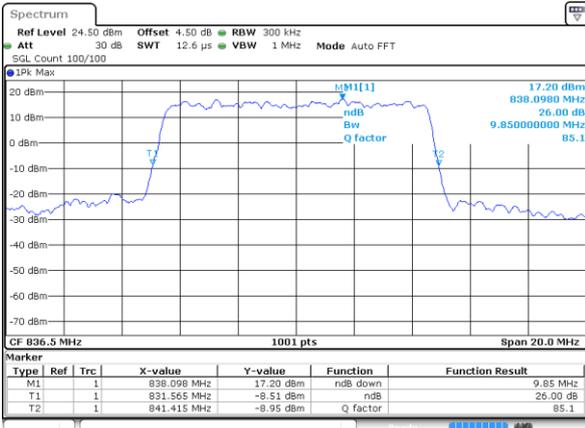
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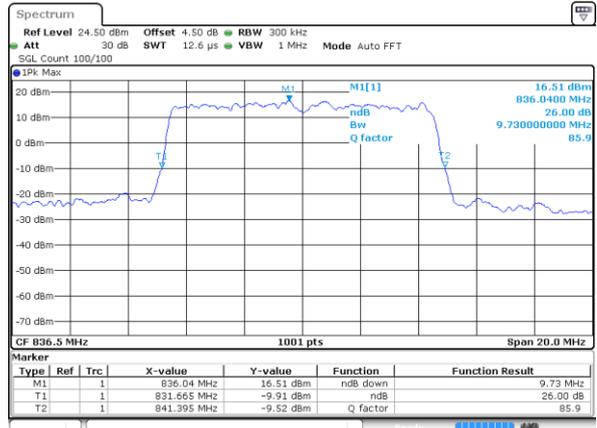
Date: 2 JUL 2018 10:40:42

Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**
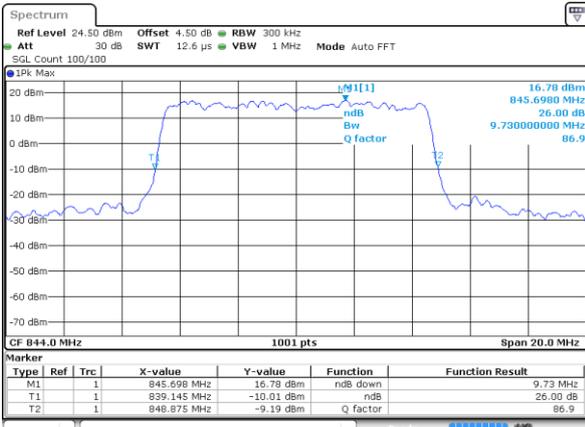
Date: 2 JUL 2018 10:43:06

Date: 2 JUL 2018 10:43:18

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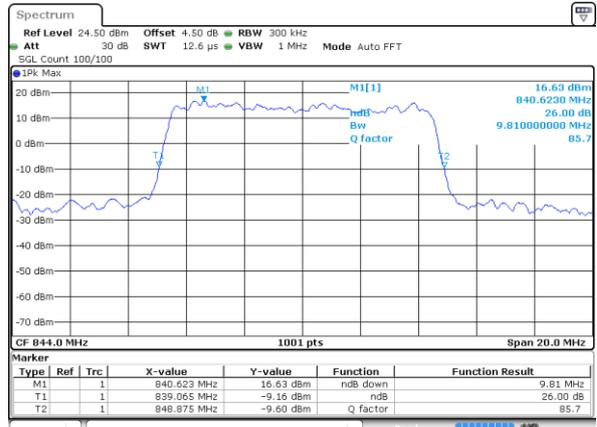
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Lowest Channel / 1.4MHz / 64QAM	**Lowest Channel / 3MHz / 64QAM**
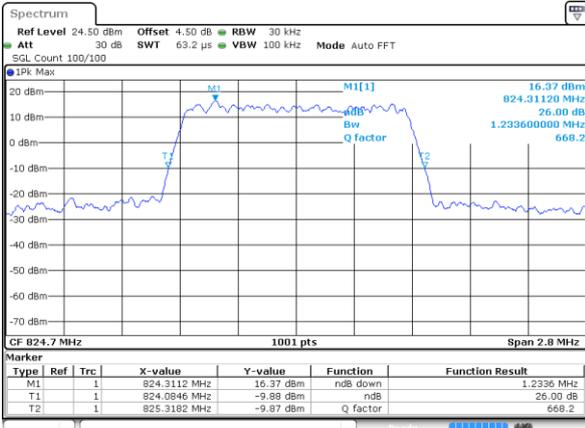
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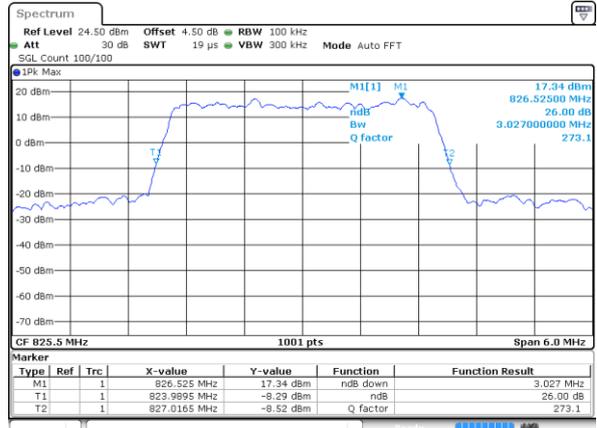
Date: 2 JUL 2018 11:09:19

Middle Channel / 1.4MHz / 64QAM	**Middle Channel / 3MHz / 64QAM**
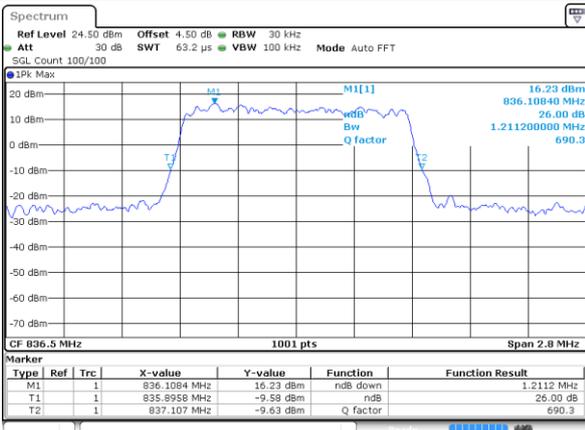
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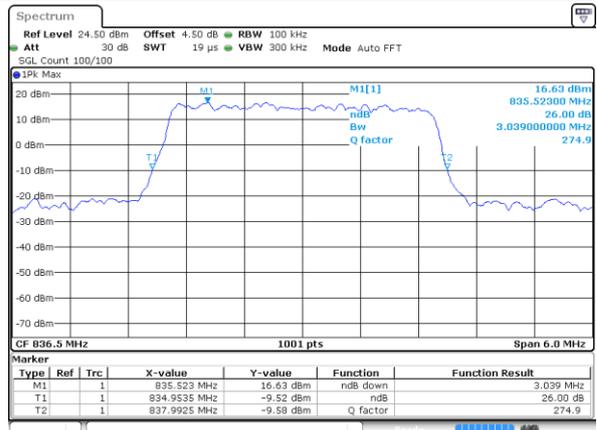
Date: 2 JUL 2018 11:13:52

Highest Channel / 1.4MHz / 64QAM	**Highest Channel / 3MHz / 64QAM**
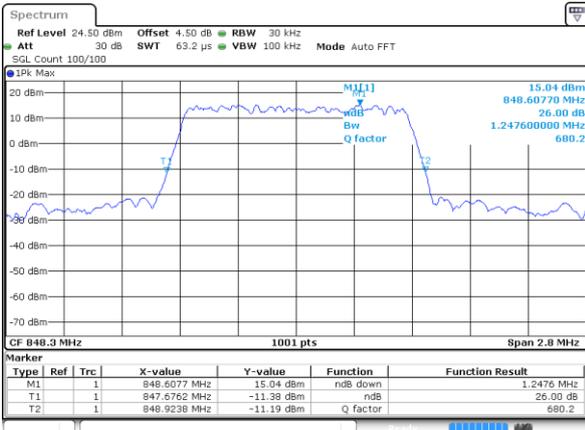
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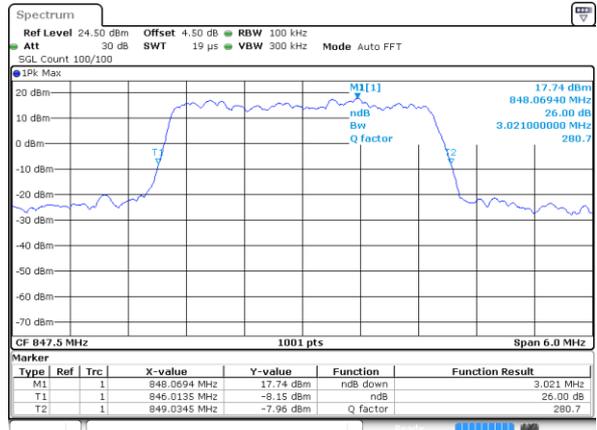
Date: 2 JUL 2018 11:15:09
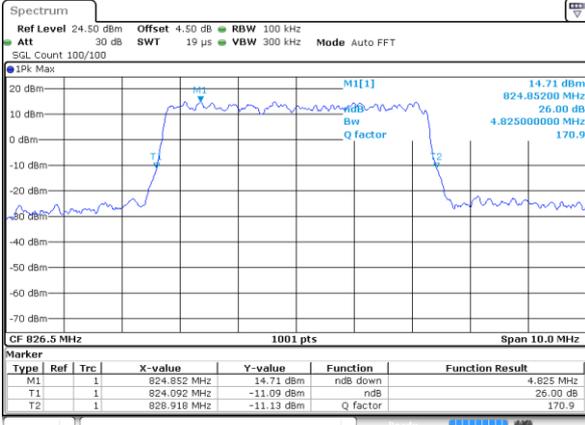
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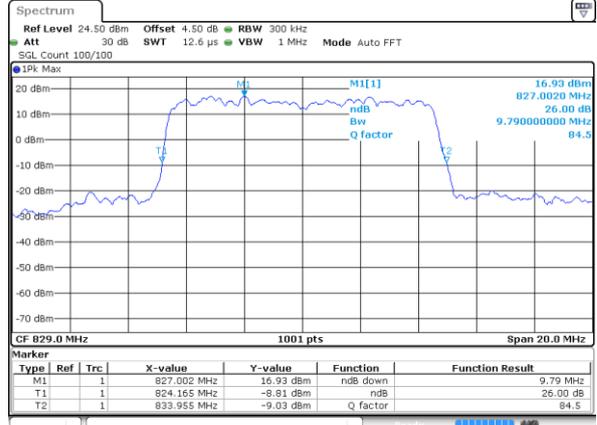
LTE Band 5

Lowest Channel / 5MHz / 64QAM	Lowest Channel / 10MHz / 64QAM
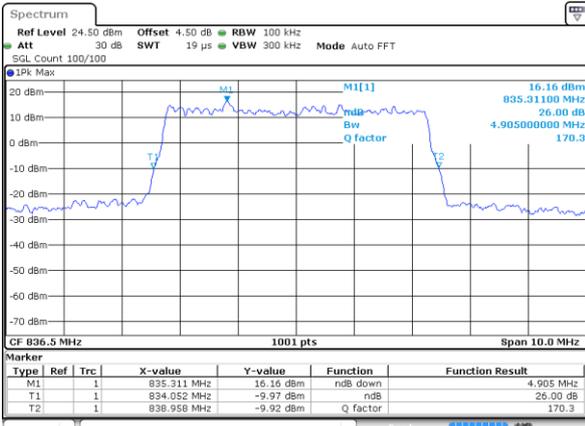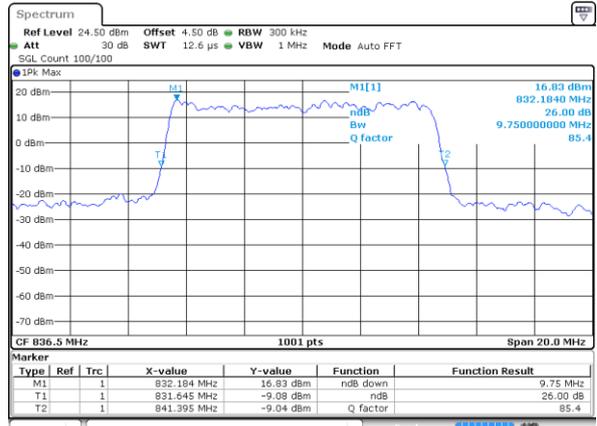
Middle Channel / 5MHz / 64QAM	Middle Channel /10MHz / 64QAM
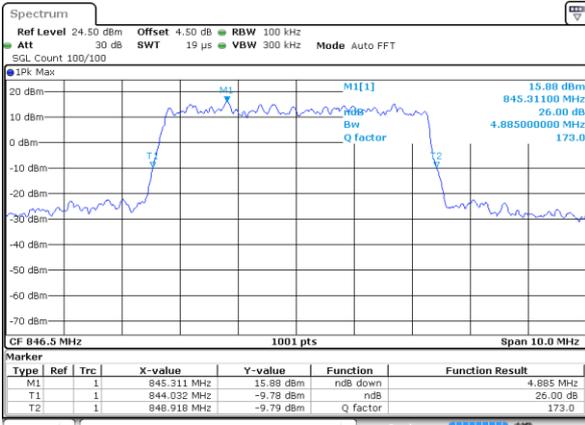
Highest Channel /5MHz / 64QAM	Highest Channel /10MHz / 64QAM
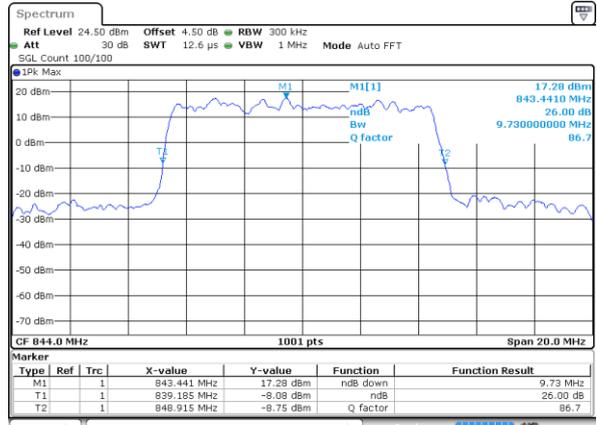
LTE Band 7	
Lowest Channel / 5MHz / QPSK	**Lowest Channel / 5MHz / 16QAM**
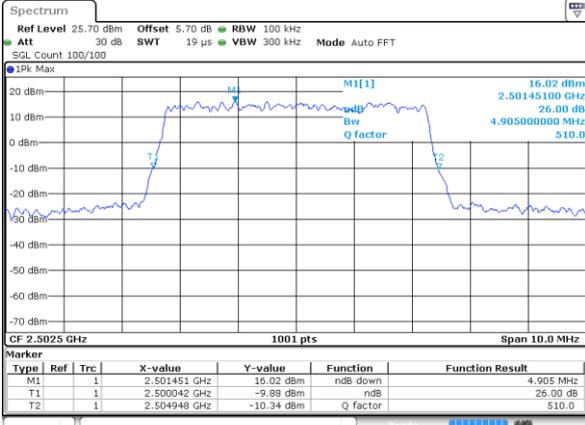
Date: 2 JUL 2018 15:22:34
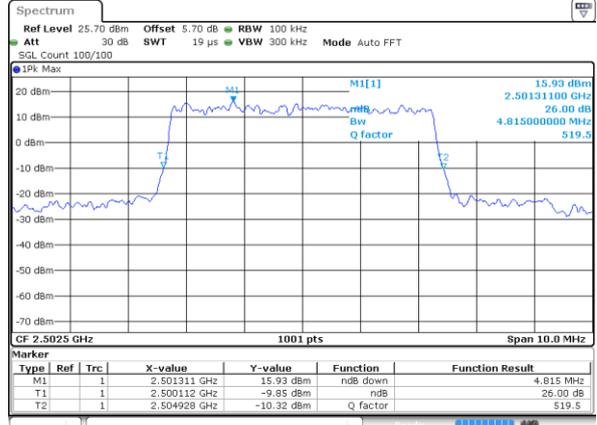
Date: 2 JUL 2018 15:22:56

Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**
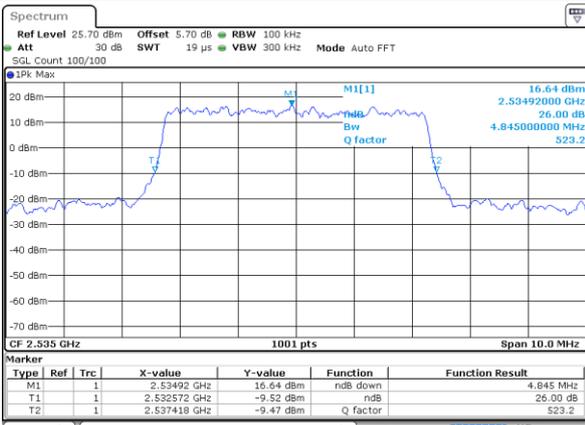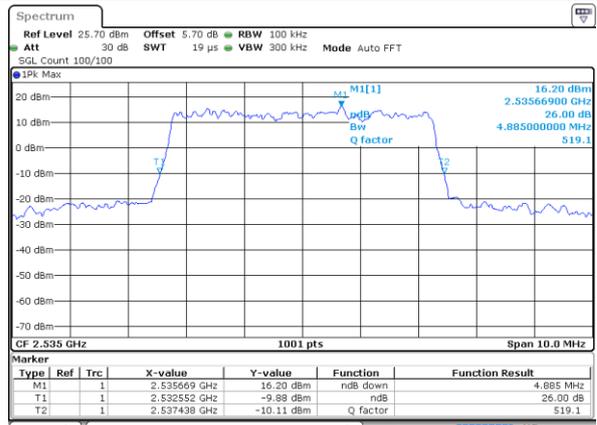
Date: 2 JUL 2018 15:31:53

Date: 2 JUL 2018 15:31:32

Highest Channel / 5MHz / QPSK	**Highest Channel / 5MHz / 16QAM**
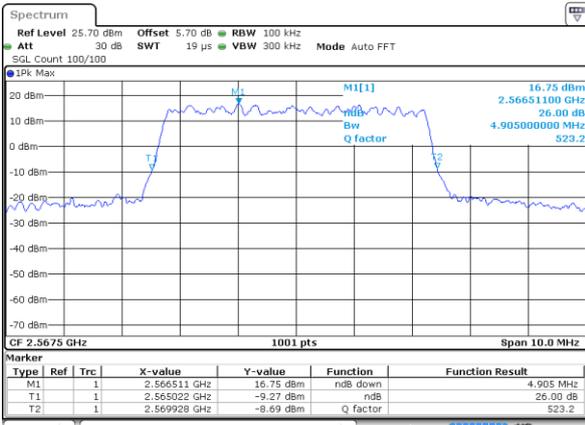
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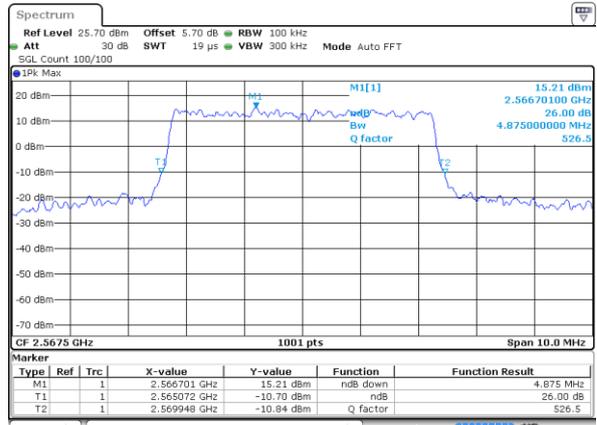
Date: 2 JUL 2018 15:32:36

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**

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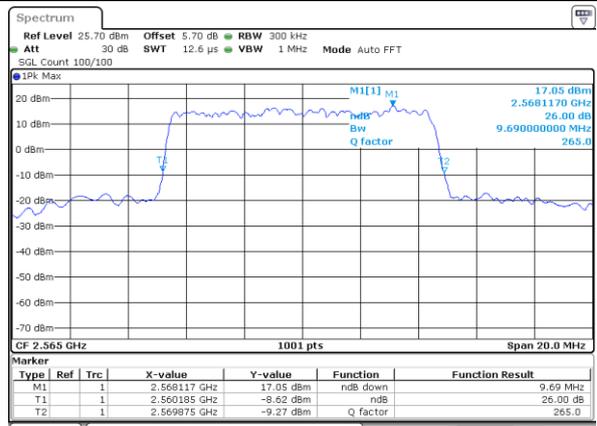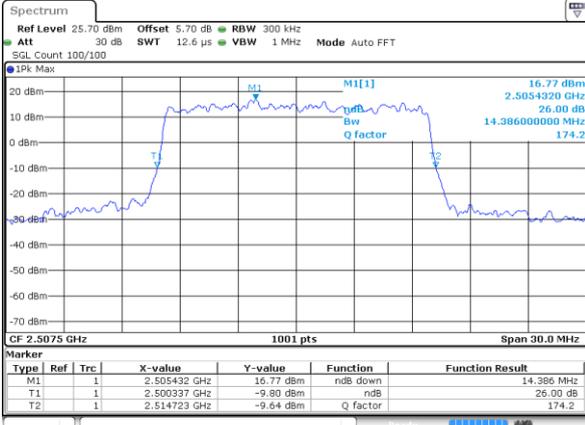
LTE Band 7	
Lowest Channel / 20MHz / QPSK	**Lowest Channel / 20MHz / 16QAM**

Date: 2 JUL 2018 16:12:57

Date: 2 JUL 2018 16:13:18

Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
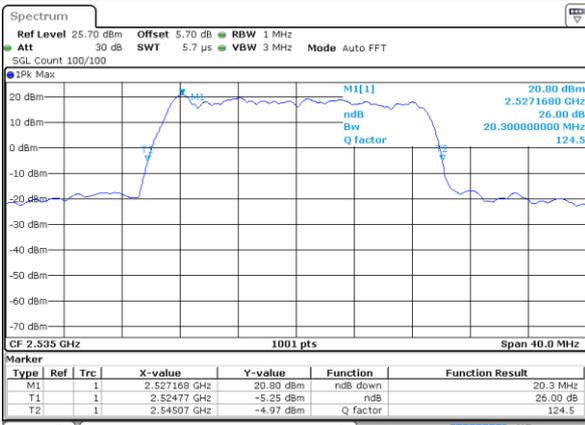
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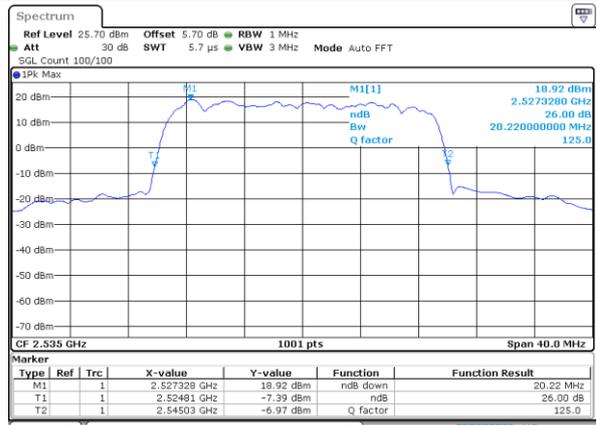
Date: 2 JUL 2018 16:21:55

Highest Channel / 20MHz / QPSK	**Highest Channel / 20MHz / 16QAM**
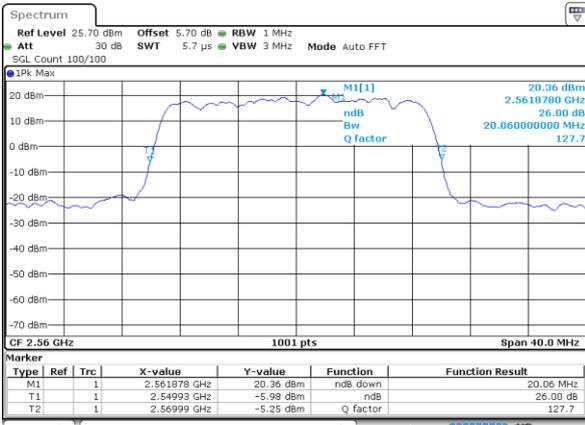
Date: 2 JUL 2018 16:22:38

Date: 2 JUL 2018 16:22:59

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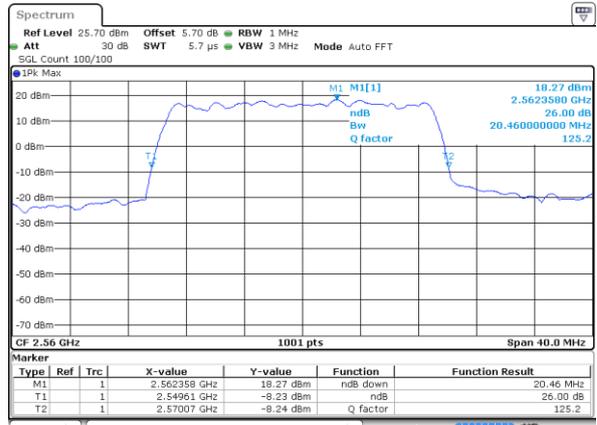
LTE Band 7	
Lowest Channel / 5MHz / 64QAM	**Lowest Channel / 10MHz / 64QAM**
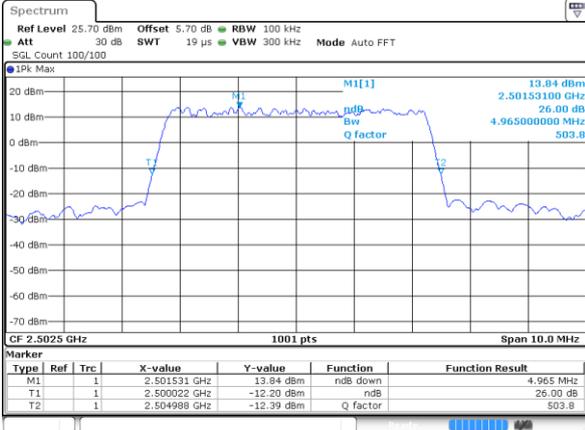
Date: 2 JUL 2018 16:32:30
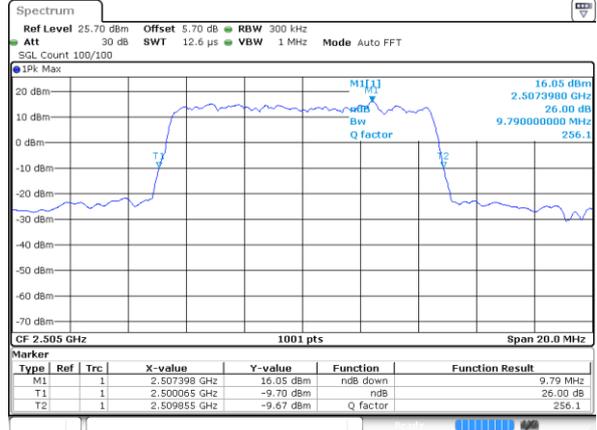
Date: 2 JUL 2018 16:33:35

Middle Channel / 5MHz / 64QAM	**Middle Channel /10MHz / 64QAM**
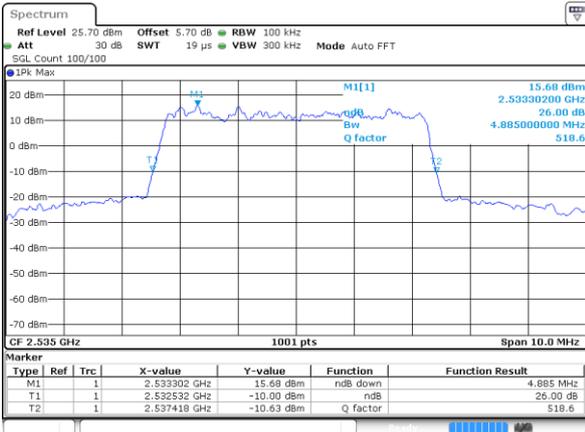
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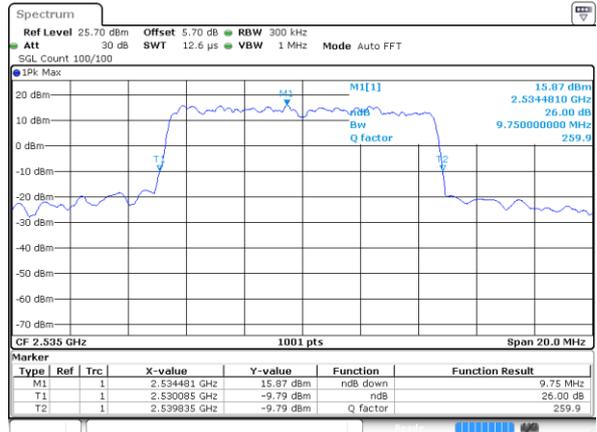
Date: 2 JUL 2018 16:33:56

Highest Channel /5MHz / 64QAM	**Highest Channel /10MHz / 64QAM**
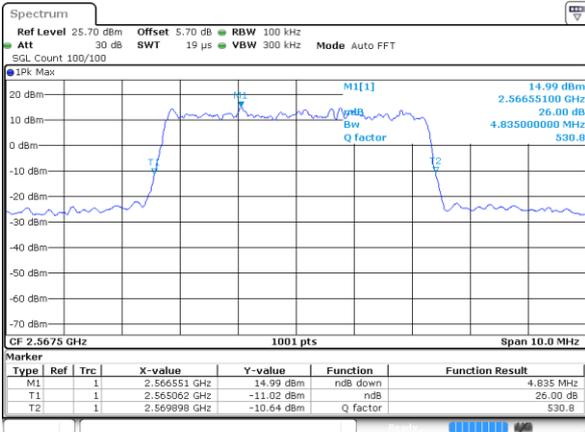
Date: 2 JUL 2018 16:33:13

Date: 2 JUL 2018 16:34:18

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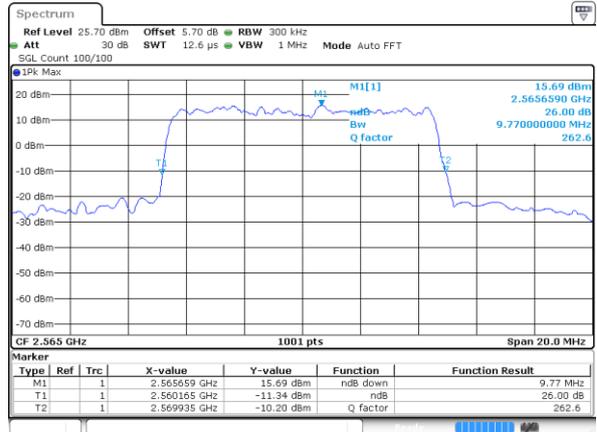
LTE Band 7	
Lowest Channel / 15MHz / 64QAM	**Lowest Channel / 20MHz / 64QAM**
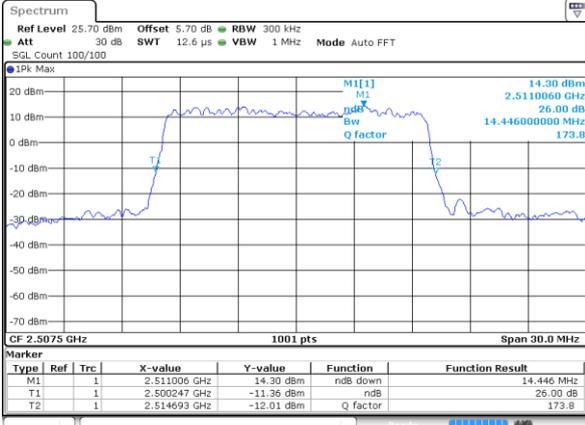
Date: 2 JUL 2018 16:34:39
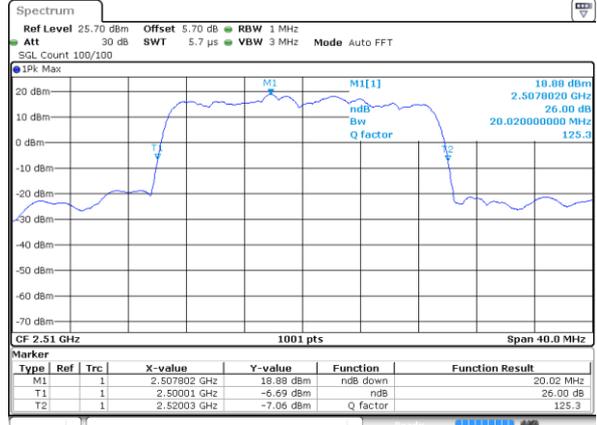
Date: 2 JUL 2018 16:35:43

Middle Channel / 15MHz / 64QAM	**Middle Channel / 20MHz / 64QAM**
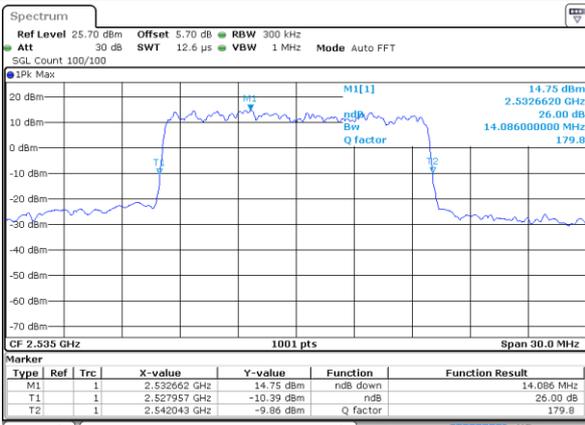
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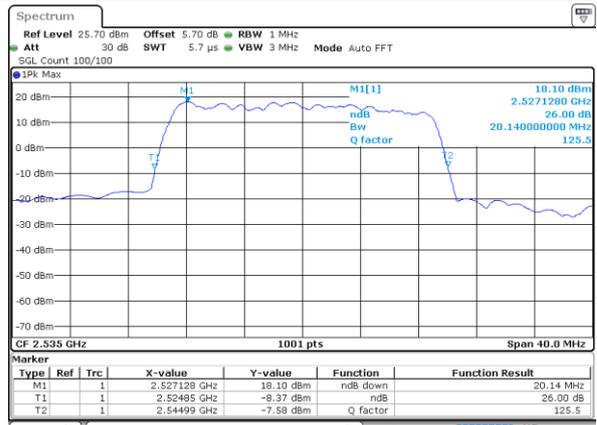
Date: 2 JUL 2018 16:36:05

Highest Channel / 15MHz / 64QAM	**Highest Channel / 20MHz / 64QAM**

Date: 2 JUL 2018 16:35:22

Date: 2 JUL 2018 16:36:26

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LTE Band 38

Lowest Channel / 5MHz / QPSK

Spectrum

Ref Level 25.70 dBm　Offset 5.70 dB ● RBW 100 kHz
● Att　30 dB　SWT　19 µs ● VBW 300 kHz　Mode Auto FFT
SGL Count 100/100
● 1Pk Max

M1[1]　16.41 dBm
2.57148100 GHz
ndB　26.00 dB
Bw　4.825000000 MHz
Q factor　532.9

CF 2.5725 GHz　1001 pts　Span 10.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.571481 GHz	16.41 dBm	ndB down	4.825 MHz
T1		1	2.570082 GHz	-9.88 dBm	ndB	26.00 dB
T2		1	2.574908 GHz	-9.58 dBm	Q factor	532.9

Date: 2 JUL 2018 11:48:37

Lowest Channel / 5MHz / 16QAM

Spectrum

Ref Level 25.70 dBm　Offset 5.70 dB ● RBW 100 kHz
● Att　30 dB　SWT　19 µs ● VBW 300 kHz　Mode Auto FFT
SGL Count 100/100
● 1Pk Max

M1[1]　15.04 dBm
2.57315900 GHz
ndB　26.00 dB
Bw　4.875000000 MHz
Q factor　527.8

CF 2.5725 GHz　1001 pts　Span 10.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.573159 GHz	15.04 dBm	ndB down	4.875 MHz
T1		1	2.570062 GHz	-11.26 dBm	ndB	26.00 dB
T2		1	2.574938 GHz	-10.64 dBm	Q factor	527.8

Date: 2 JUL 2018 11:48:48

Middle Channel / 5MHz / QPSK

Spectrum

Ref Level 25.70 dBm　Offset 5.70 dB ● RBW 100 kHz
● Att　30 dB　SWT　19 µs ● VBW 300 kHz　Mode Auto FFT
SGL Count 100/100
● 1Pk Max

M1[1]　15.70 dBm
2.59559900 GHz
ndB　26.00 dB
Bw　4.885000000 MHz
Q factor　531.3

CF 2.595 GHz　1001 pts　Span 10.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.595599 GHz	15.70 dBm	ndB down	4.885 MHz
T1		1	2.592552 GHz	-10.07 dBm	ndB	26.00 dB
T2		1	2.597438 GHz	-10.56 dBm	Q factor	531.3

Date: 2 JUL 2018 11:49:20

Middle Channel / 5MHz / 16QAM

Spectrum

Ref Level 25.70 dBm　Offset 5.70 dB ● RBW 100 kHz
● Att　30 dB　SWT　19 µs ● VBW 300 kHz　Mode Auto FFT
SGL Count 100/100
● 1Pk Max

M1[1]　15.45 dBm
2.59522000 GHz
ndB　26.00 dB
Bw　4.925000000 MHz
Q factor　526.9

CF 2.595 GHz　1001 pts　Span 10.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59522 GHz	15.45 dBm	ndB down	4.925 MHz
T1		1	2.592532 GHz	-10.37 dBm	ndB	26.00 dB
T2		1	2.597458 GHz	-10.19 dBm	Q factor	526.9

Date: 2 JUL 2018 11:49:31

Highest Channel / 5MHz / QPSK

Spectrum

Ref Level 25.70 dBm　Offset 5.70 dB ● RBW 100 kHz
● Att　30 dB　SWT　19 µs ● VBW 300 kHz　Mode Auto FFT
SGL Count 100/100
● 1Pk Max

M1[1]　15.92 dBm
2.61895900 GHz
ndB　26.00 dB
Bw　4.905000000 MHz
Q factor　533.9

CF 2.6175 GHz　1001 pts　Span 10.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.618959 GHz	15.92 dBm	ndB down	4.905 MHz
T1		1	2.615042 GHz	-10.26 dBm	ndB	26.00 dB
T2		1	2.619948 GHz	-10.44 dBm	Q factor	533.9

Date: 2 JUL 2018 11:50:03

Highest Channel / 5MHz / 16QAM

Spectrum

Ref Level 25.70 dBm　Offset 5.70 dB ● RBW 100 kHz
● Att　30 dB　SWT　19 µs ● VBW 300 kHz　Mode Auto FFT
SGL Count 100/100
● 1Pk Max

M1[1]　14.87 dBm
2.61775000 GHz
ndB　26.00 dB
Bw　4.915000000 MHz
Q factor　532.6

CF 2.6175 GHz　1001 pts　Span 10.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.61775 GHz	14.87 dBm	ndB down	4.915 MHz
T1		1	2.615022 GHz	-11.28 dBm	ndB	26.00 dB
T2		1	2.619938 GHz	-11.10 dBm	Q factor	532.6

Date: 2 JUL 2018 11:50:14

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Lowest Channel / 10MHz / QPSK	**Lowest Channel / 10MHz / 16QAM**

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Date: 2 JUL 2018 11:50:57

Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**

Date: 2 JUL 2018 11:51:30
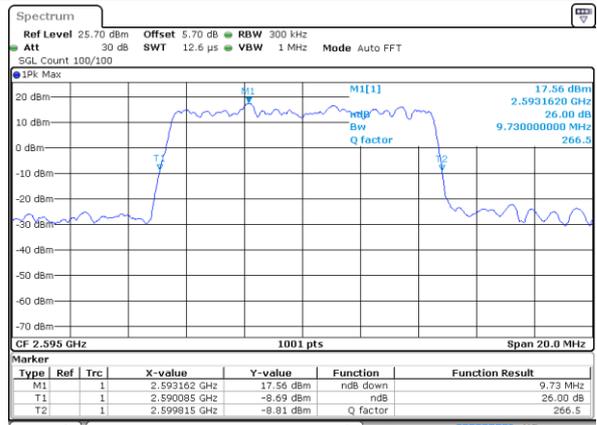
Date: 2 JUL 2018 11:51:40

Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**

Date: 2 JUL 2018 11:52:12

Date: 2 JUL 2018 11:52:23