LTE Band 2	
Lowest Channel / 3MHz / QPSK	**Lowest Channel / 3MHz / 16QAM**

Date: 29.AUG.2019 00:51:26

Date: 29.AUG.2019 00:51:36

Middle Channel / 3MHz / QPSK	**Middle Channel / 3MHz / 16QAM**

Date: 29.AUG.2019 00:58:26

Date: 29.AUG.2019 00:58:36

Highest Channel / 3MHz / QPSK	**Highest Channel / 3MHz / 16QAM**

Date: 29.AUG.2019 01:00:57

Date: 29.AUG.2019 01:01:07

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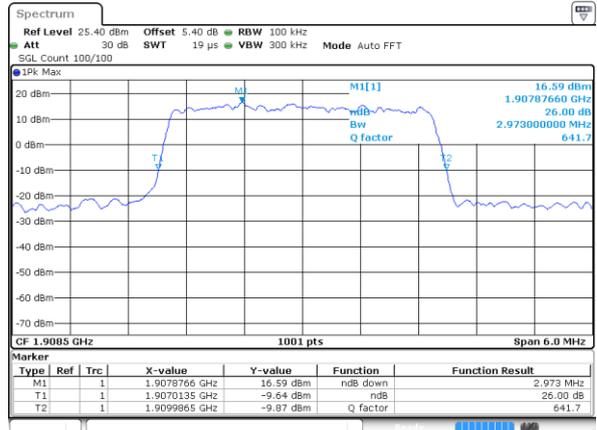
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Lowest Channel / 5MHz / QPSK	**Lowest Channel / 5MHz / 16QAM**
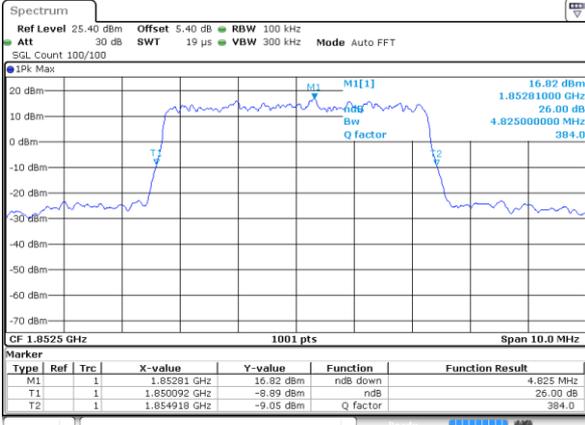
Date: 29.AUG.2019 01:07:57
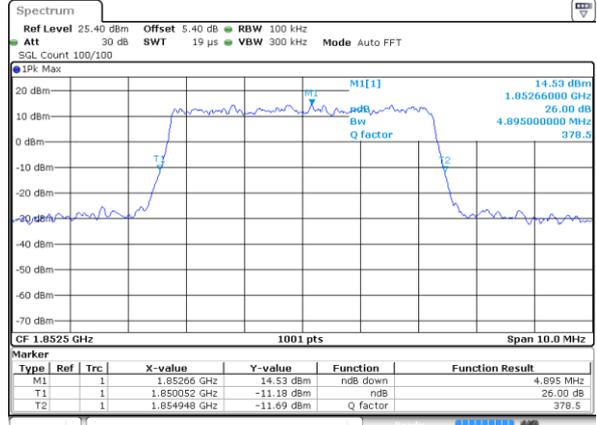
Date: 29.AUG.2019 01:08:07

Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**
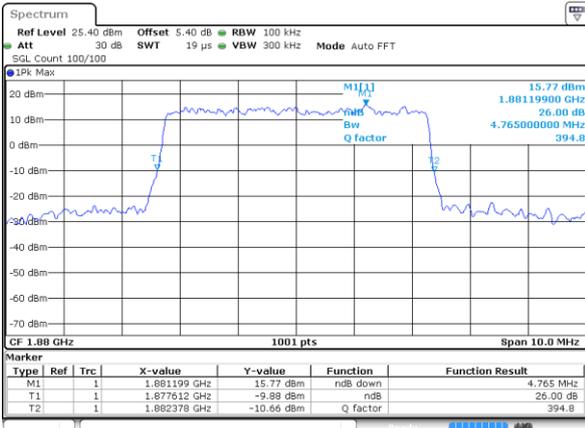
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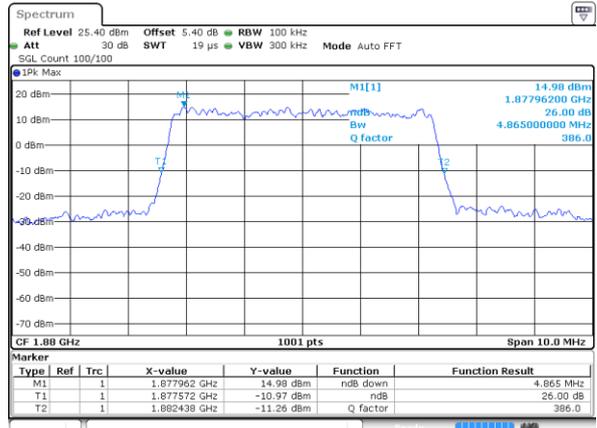
Date: 29.AUG.2019 01:15:07

Highest Channel / 5MHz / QPSK	**Highest Channel / 5MHz / 16QAM**
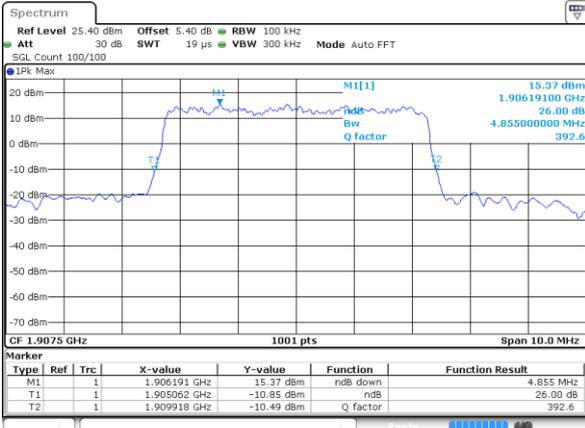
Date: 29.AUG.2019 01:17:27

Date: 29.AUG.2019 01:17:37

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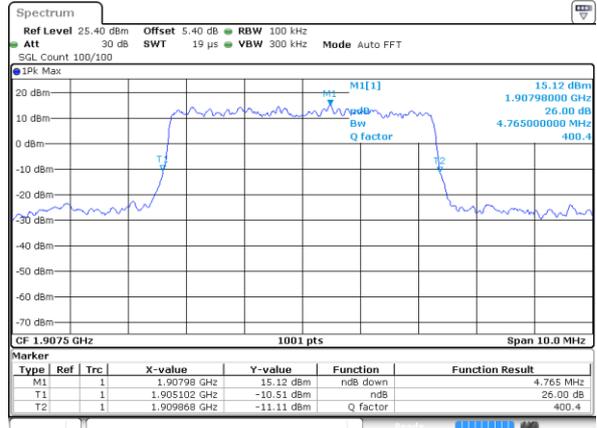
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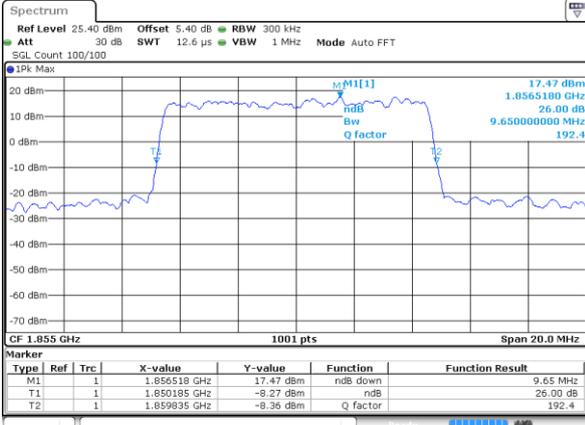
Date: 29.AUG.2019 01:24:28

Date: 29.AUG.2019 01:24:38

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

Date: 29.AUG.2019 01:31:28

Date: 29.AUG.2019 01:31:38

Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**
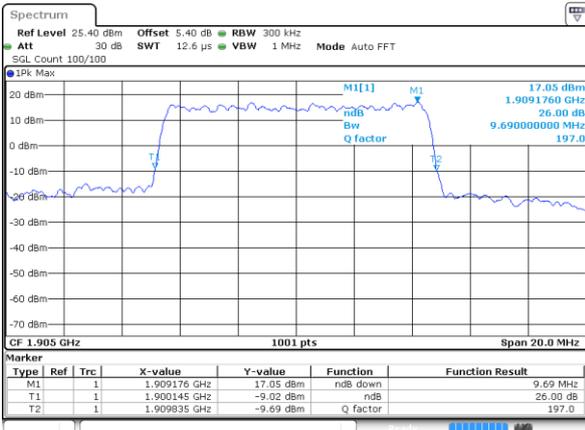
Date: 29.AUG.2019 01:33:58

Date: 29.AUG.2019 01:34:08

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LTE Band 2	
Lowest Channel / 15MHz / QPSK	**Lowest Channel / 15MHz / 16QAM**
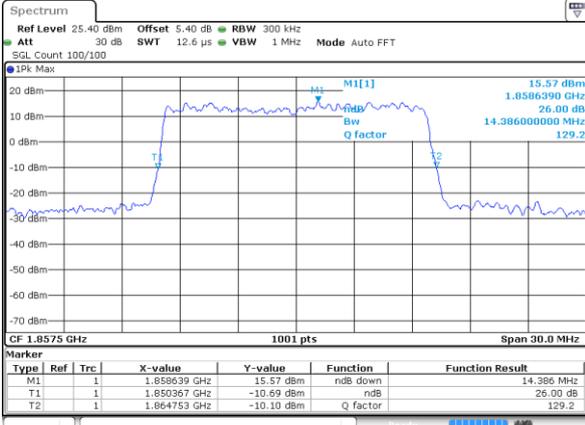
Date: 29.AUG.2019 01:40:58
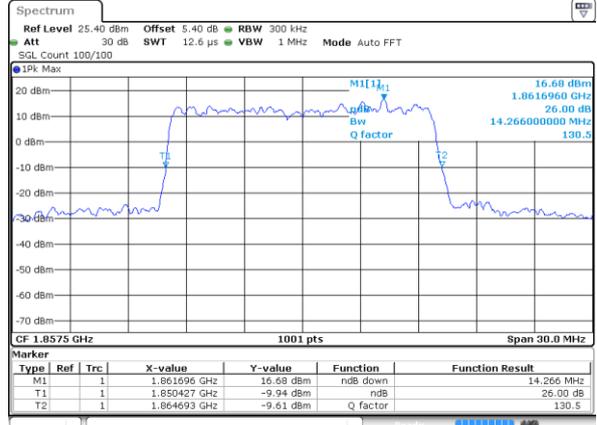
Date: 29.AUG.2019 01:41:08

Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
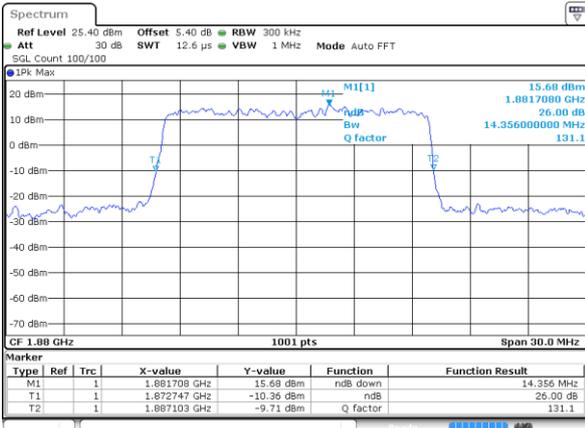
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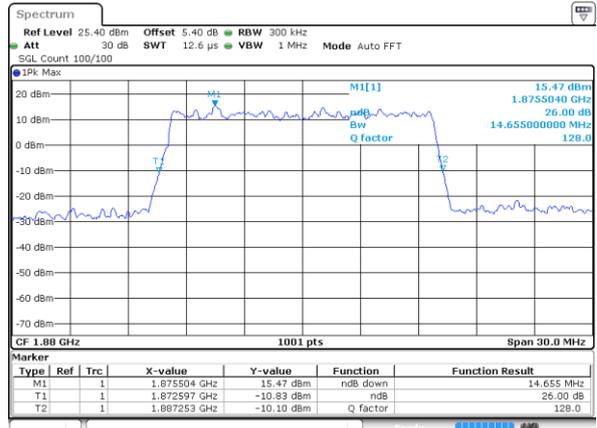
Date: 29.AUG.2019 01:48:08

Highest Channel / 15MHz / QPSK	**Highest Channel / 15MHz / 16QAM**
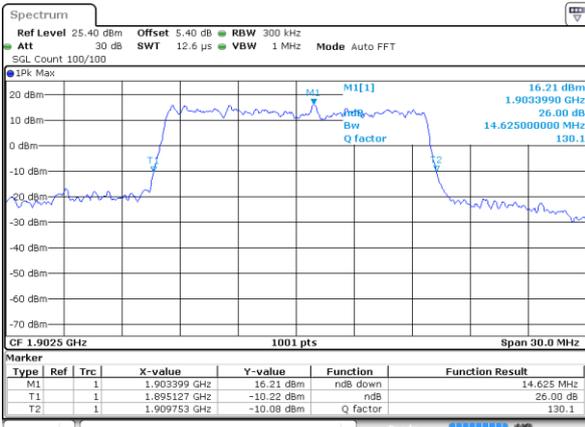
Date: 29.AUG.2019 01:50:28
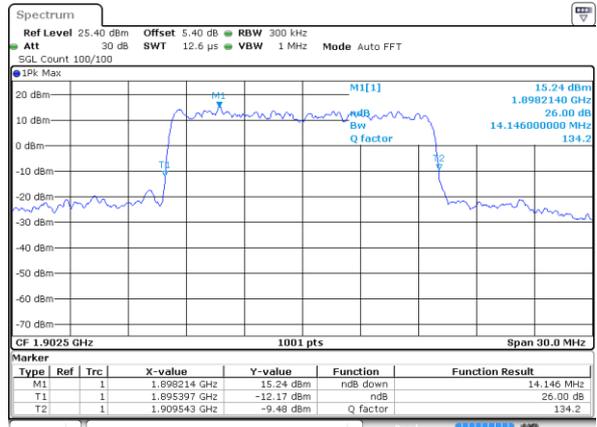
Date: 29.AUG.2019 01:50:38

LTE Band 2

Lowest Channel / 20MHz / QPSK	Lowest Channel / 20MHz / 16QAM
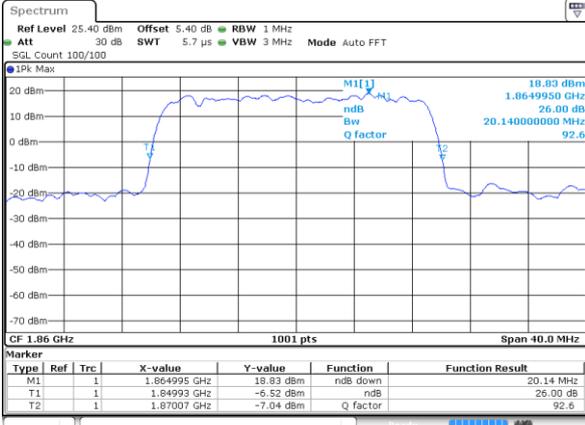
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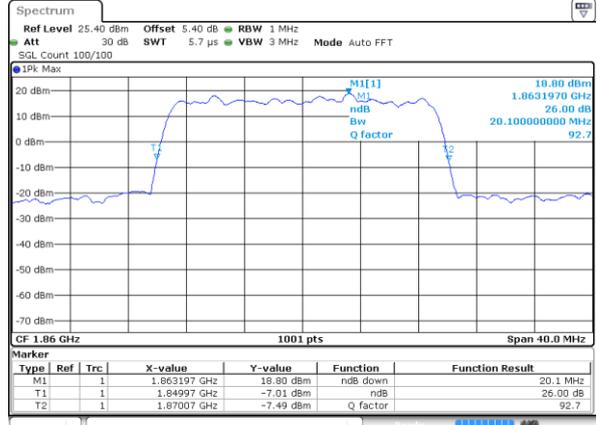
Date: 29.AUG.2019 01:57:38

Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
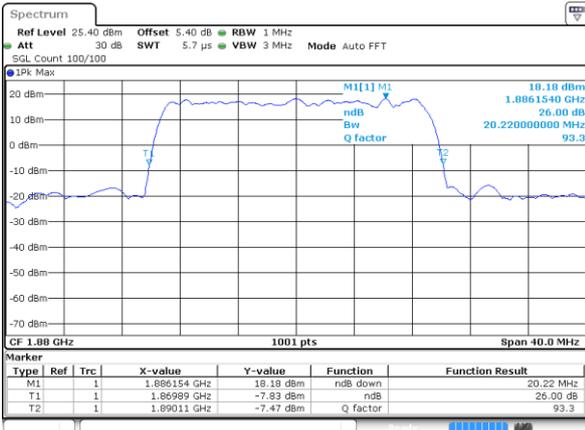
Date: 29.AUG.2019 02:04:28
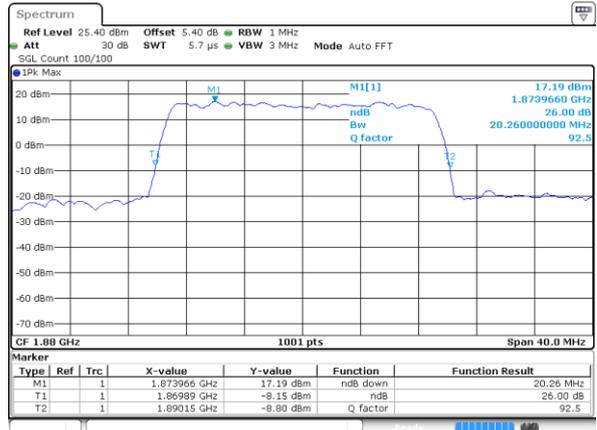
Date: 29.AUG.2019 02:04:38

Highest Channel / 20MHz / QPSK	Highest Channel / 20MHz / 16QAM

Date: 29.AUG.2019 02:06:58

Date: 29.AUG.2019 02:07:08

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LTE Band 2

Lowest Channel / 1.4MHz / 64QAM	Lowest Channel / 3MHz / 64QAM

Lowest Channel / 1.4MHz / 64QAM

Ref Level 25.40 dBm Offset 5.40 dB ● RBW 30 kHz
Att 30 dB SWT 63.2 µs ● VBW 100 kHz Mode Auto FFT
SGL Count 100/100
● 1Pk Max
M1[1] 14.79 dBm
1.85088740 GHz
ndB 26.00 dB
Bw 1.267100000 MHz
Q factor 1460.7
CF 1.8507 GHz 1001 pts Span 2.8 MHz

Marker
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8508874 GHz	14.79 dBm	ndB down	1.2671 MHz
T1		1	1.8500678 GHz	-11.34 dBm	ndB	26.00 dB
T2		1	1.851335 GHz	-11.20 dBm	Q factor	1460.7

Date: 29.AUG.2019 02:16:40

Lowest Channel / 3MHz / 64QAM

Ref Level 25.40 dBm Offset 5.40 dB ● RBW 100 kHz
Att 30 dB SWT 19 µs ● VBW 300 kHz Mode Auto FFT
SGL Count 100/100
● 1Pk Max
M1[1] 16.64 dBm
1.85232120 GHz
ndB 26.00 dB
Bw 2.961000000 MHz
Q factor 625.6
CF 1.8515 GHz 1001 pts Span 6.0 MHz

Marker
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8523212 GHz	16.64 dBm	ndB down	2.961 MHz
T1		1	1.8500315 GHz	-9.41 dBm	ndB	26.00 dB
T2		1	1.8529925 GHz	-9.19 dBm	Q factor	625.6

Date: 29.AUG.2019 02:17:10

Middle Channel / 1.4MHz / 64QAM

Ref Level 25.40 dBm Offset 5.40 dB ● RBW 30 kHz
Att 30 dB SWT 63.2 µs ● VBW 100 kHz Mode Auto FFT
SGL Count 100/100
● 1Pk Max
M1[1] 14.91 dBm
1.88024620 GHz
ndB 26.00 dB
Bw 1.281100000 MHz
Q factor 1467.7
CF 1.88 GHz 1001 pts Span 2.8 MHz

Marker
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8802462 GHz	14.91 dBm	ndB down	1.2811 MHz
T1		1	1.8793455 GHz	-11.16 dBm	ndB	26.00 dB
T2		1	1.8806266 GHz	-10.97 dBm	Q factor	1467.7

Date: 29.AUG.2019 02:16:50

Middle Channel / 3MHz / 64QAM

Ref Level 25.40 dBm Offset 5.40 dB ● RBW 100 kHz
Att 30 dB SWT 19 µs ● VBW 300 kHz Mode Auto FFT
SGL Count 100/100
● 1Pk Max
M1[1] 15.89 dBm
1.87992210 GHz
ndB 26.00 dB
Bw 2.931100000 MHz
Q factor 641.4
CF 1.88 GHz 1001 pts Span 6.0 MHz

Marker
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8799221 GHz	15.89 dBm	ndB down	2.9311 MHz
T1		1	1.8785435 GHz	-10.15 dBm	ndB	26.00 dB
T2		1	1.8814745 GHz	-10.07 dBm	Q factor	641.4

Date: 29.AUG.2019 02:17:20

Highest Channel / 1.4MHz / 64QAM

Ref Level 25.40 dBm Offset 5.40 dB ● RBW 30 kHz
Att 30 dB SWT 63.2 µs ● VBW 100 kHz Mode Auto FFT
SGL Count 100/100
● 1Pk Max
M1[1] 14.34 dBm
1.90956290 GHz
ndB 26.00 dB
Bw 1.306300000 MHz
Q factor 1461.8
CF 1.9093 GHz 1001 pts Span 2.8 MHz

Marker
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.9095629 GHz	14.34 dBm	ndB down	1.3063 MHz
T1		1	1.9086455 GHz	-11.58 dBm	ndB	26.00 dB
T2		1	1.9099517 GHz	-11.65 dBm	Q factor	1461.8

Date: 29.AUG.2019 02:17:00

Highest Channel / 3MHz / 64QAM

Ref Level 25.40 dBm Offset 5.40 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
1.90866780 GHz
ndB 26.00 dB
Bw 2.931100000 MHz
Q factor 651.2
CF 1.9085 GHz 1001 pts Span 6.0 MHz

Marker
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.9086678 GHz	14.87 dBm	ndB down	2.9311 MHz
T1		1	1.9070375 GHz	-11.49 dBm	ndB	26.00 dB
T2		1	1.9099685 GHz	-11.14 dBm	Q factor	651.2

Date: 29.AUG.2019 02:17:30

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LTE Band 2

Lowest Channel / 5MHz / 64QAM	Lowest Channel / 10MHz / 64QAM

Date: 29.AUG.2019 02:17:40

Date: 29.AUG.2019 02:18:10

Middle Channel / 5MHz / 64QAM	Middle Channel / 10MHz / 64QAM
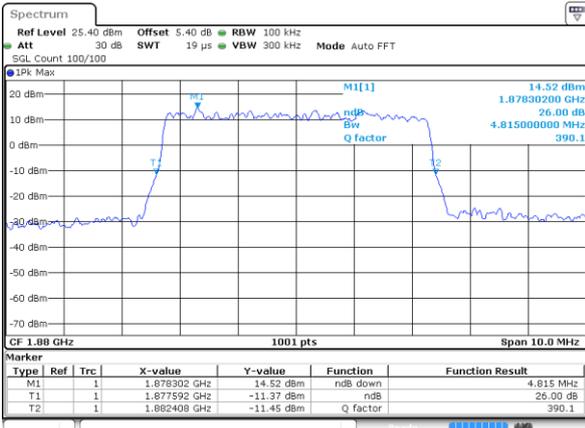
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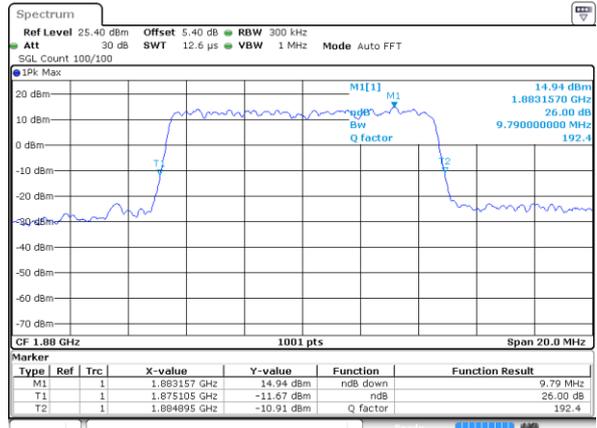
Date: 29.AUG.2019 02:18:20

Highest Channel / 5MHz / 64QAM	Highest Channel / 10MHz / 64QAM
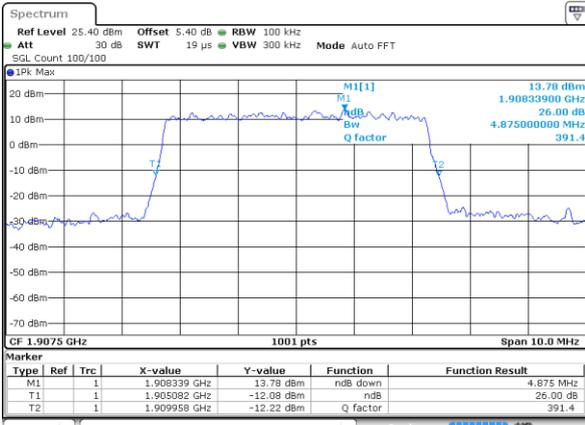
Date: 29.AUG.2019 02:18:00

Date: 29.AUG.2019 02:18:30

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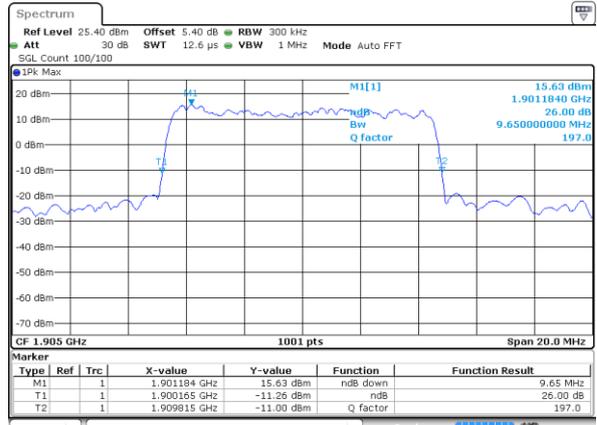
LTE Band 2

Lowest Channel / 15MHz / 64QAM	Lowest Channel / 20MHz / 64QAM
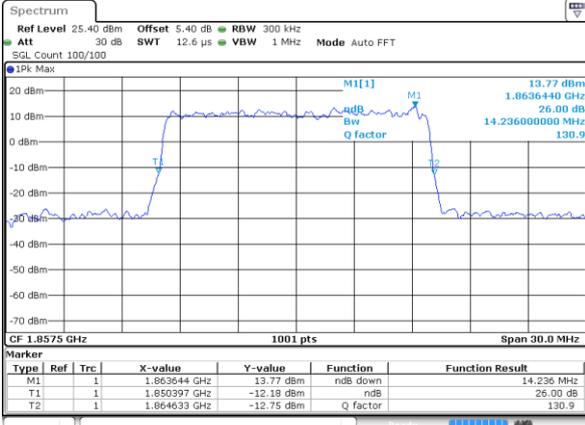
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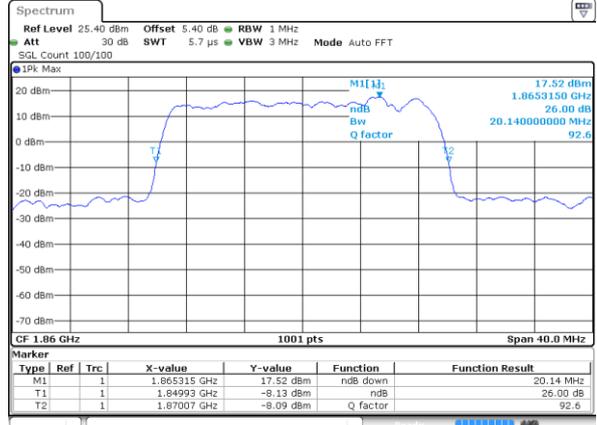
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Middle Channel / 15MHz / 64QAM	Middle Channel / 20MHz / 64QAM
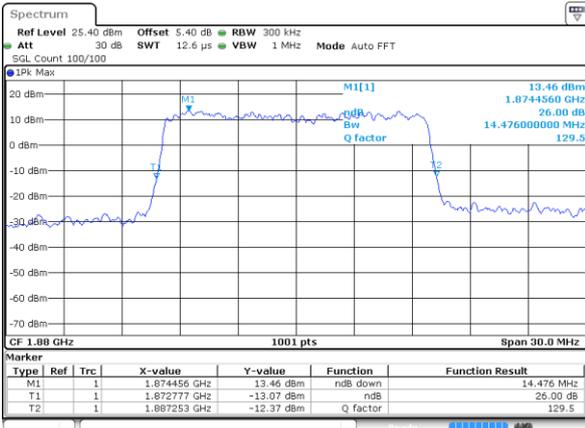
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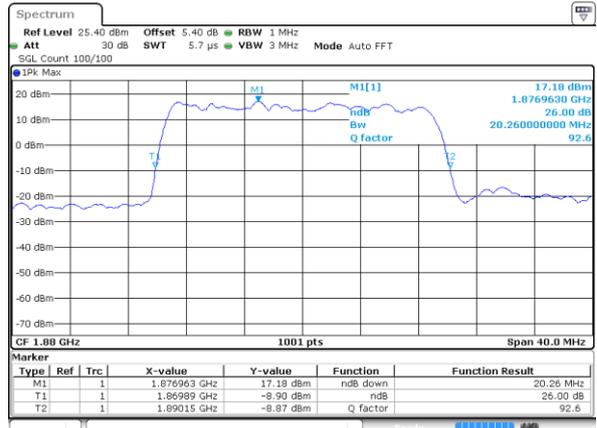
Date: 29.AUG.2019 02:19:20

Highest Channel / 15MHz / 64QAM	Highest Channel / 20MHz / 64QAM
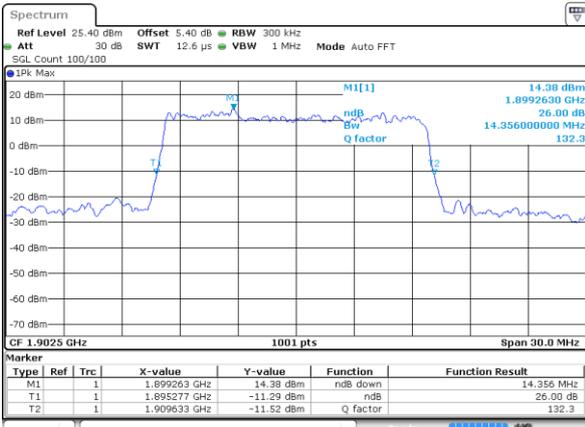
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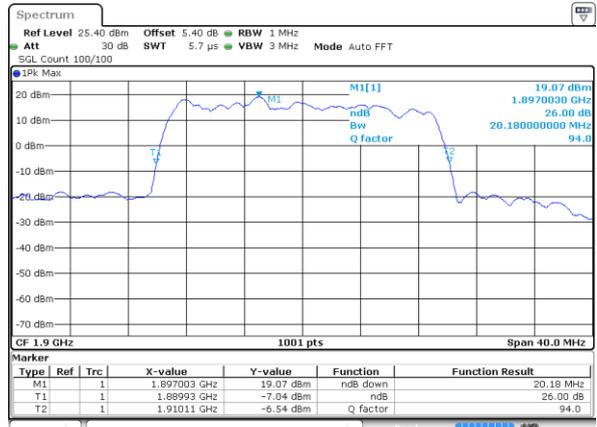
Date: 29.AUG.2019 02:19:30
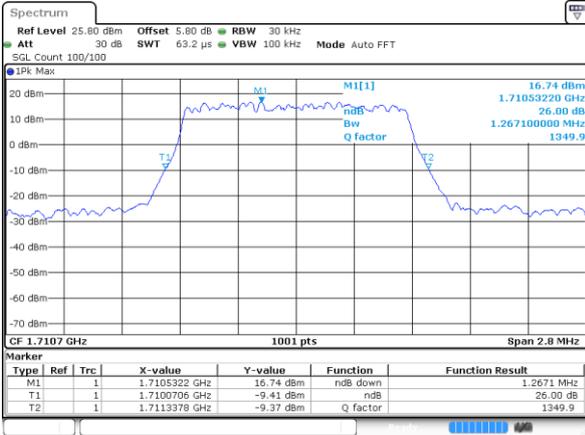
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LTE Band 4

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

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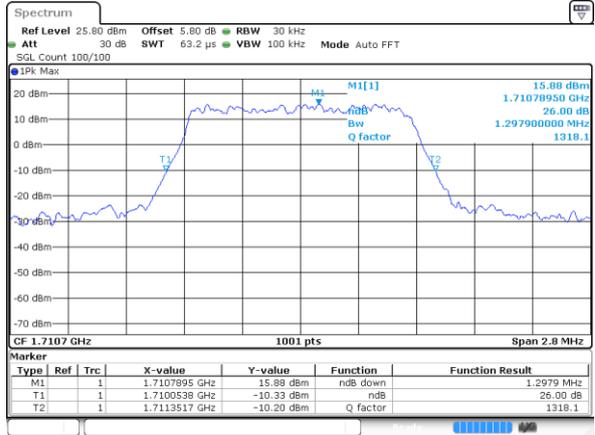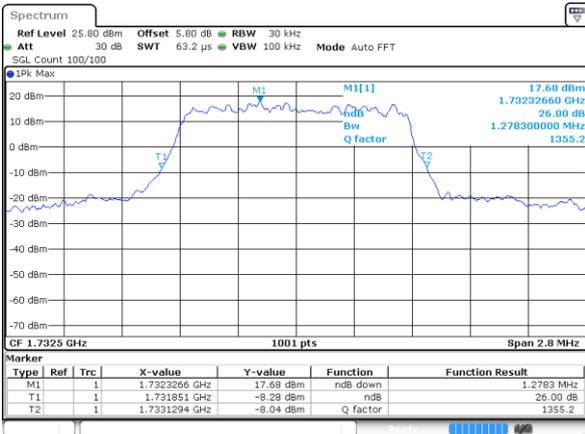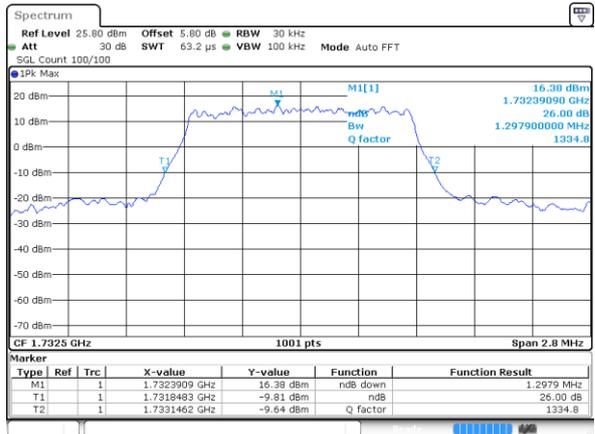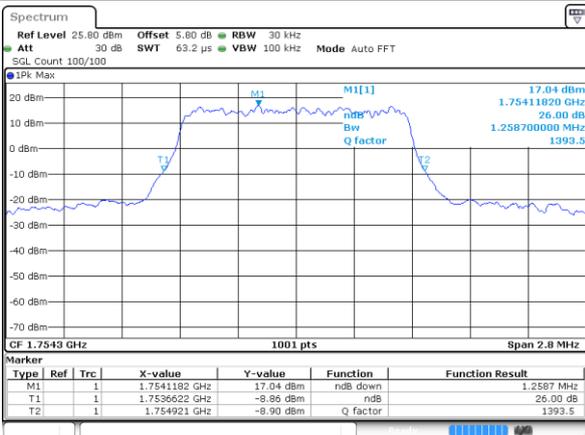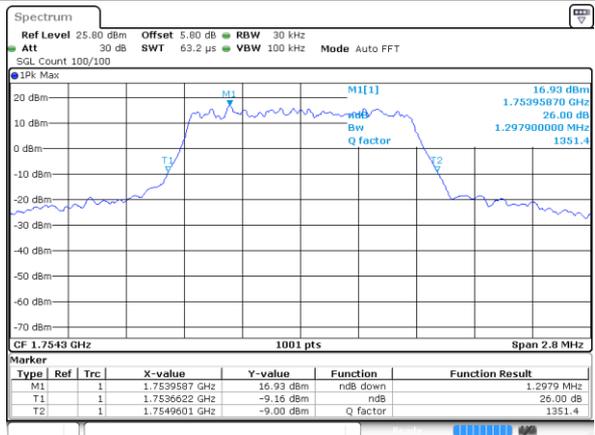
LTE Band 4	
Lowest Channel / 3MHz / QPSK	**Lowest Channel / 3MHz / 16QAM**
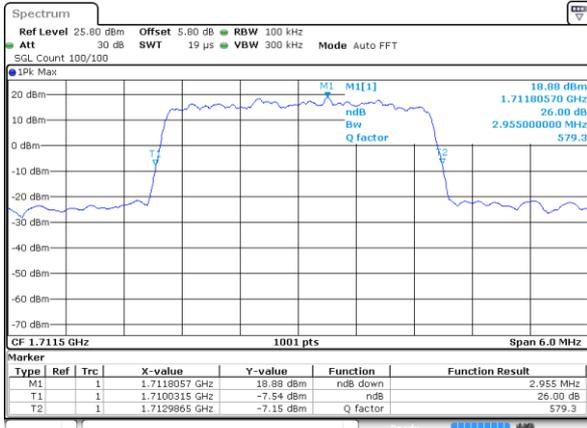
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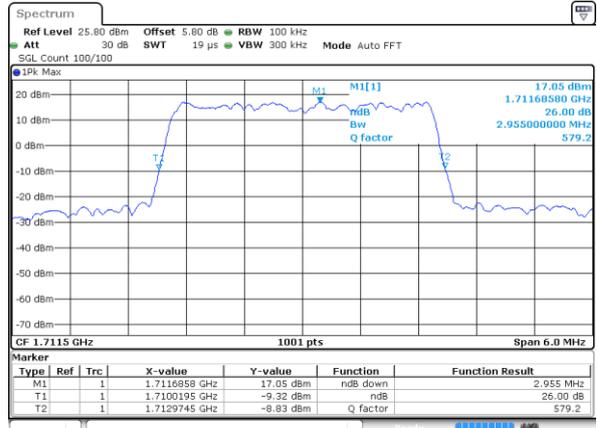
Date: 2.SEP.2019 20:57:54

Middle Channel / 3MHz / QPSK	**Middle Channel / 3MHz / 16QAM**
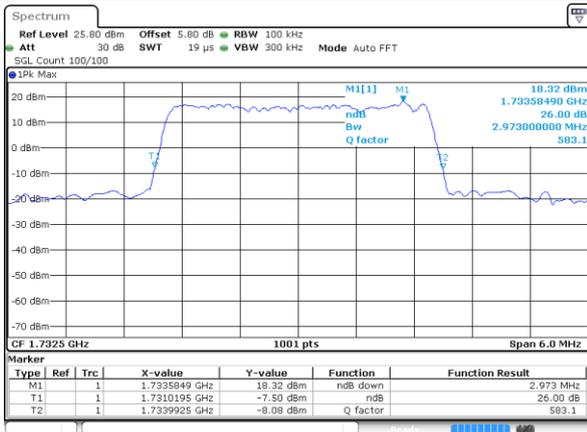
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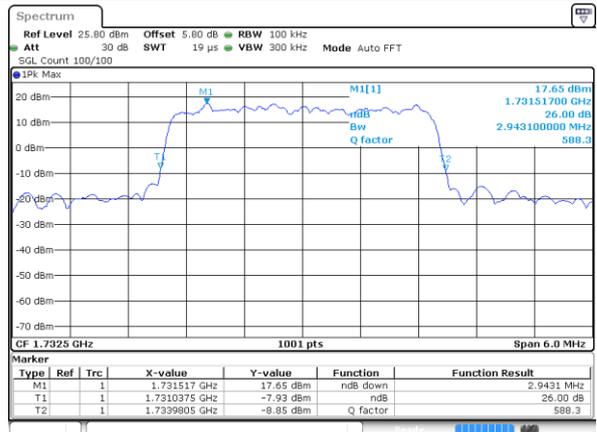
Date: 2.SEP.2019 21:04:48

Highest Channel / 3MHz / QPSK	**Highest Channel / 3MHz / 16QAM**
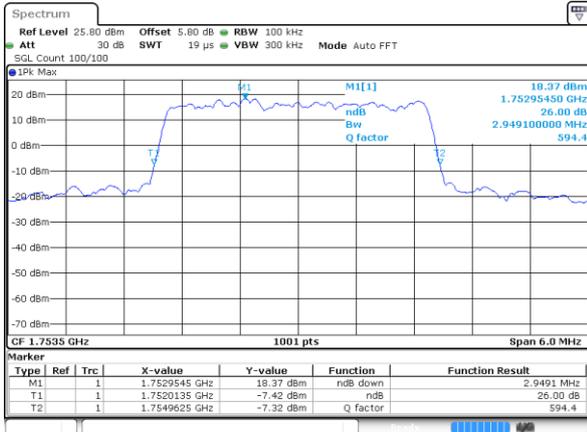
Date: 2.SEP.2019 21:07:05

Date: 2.SEP.2019 21:07:15

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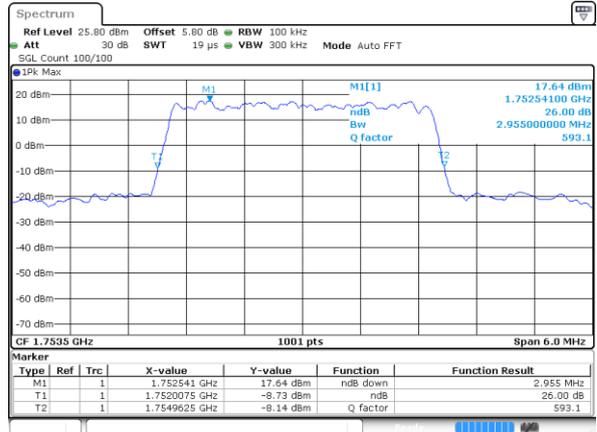
LTE Band 4

Lowest Channel / 5MHz / QPSK	Lowest Channel / 5MHz / 16QAM
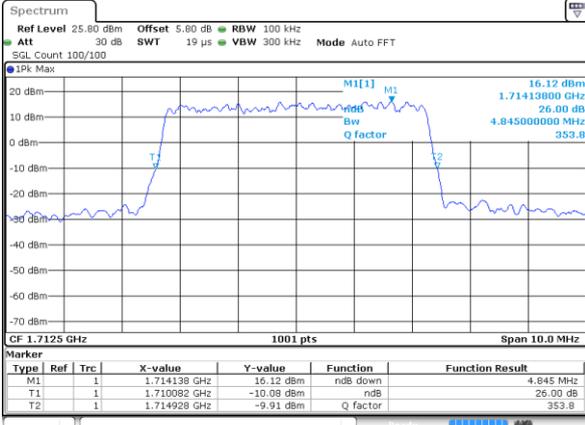
Date: 2.SEP.2019 21:14:00
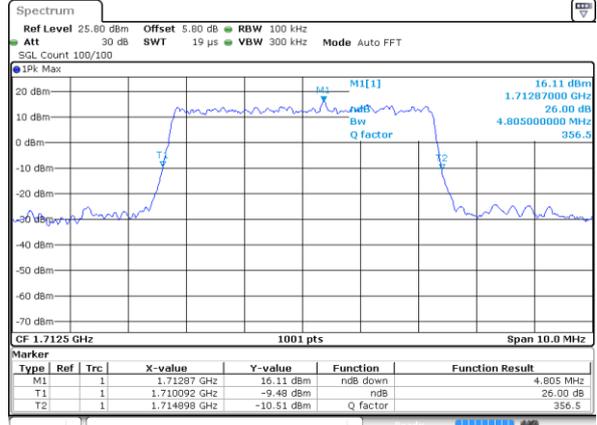
Date: 2.SEP.2019 21:14:10

Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM
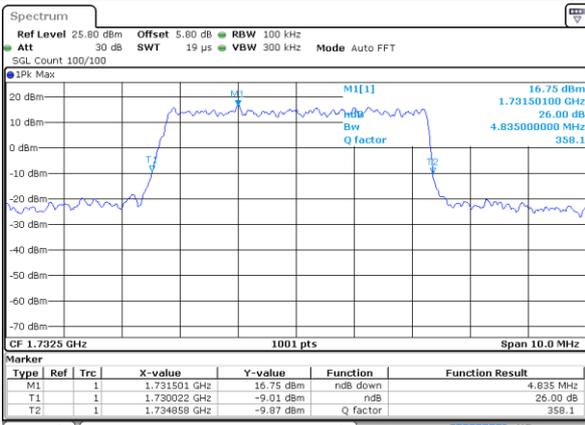
Date: 2.SEP.2019 21:20:54
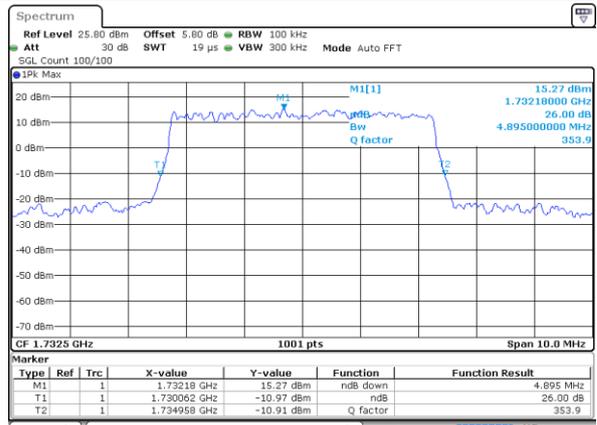
Date: 2.SEP.2019 21:21:04

Highest Channel / 5MHz / QPSK	Highest Channel / 5MHz / 16QAM
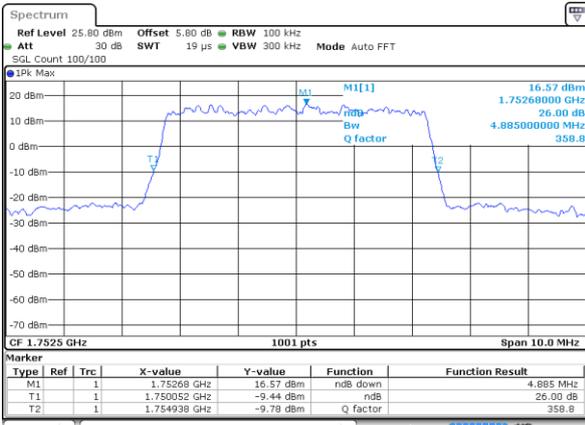
Date: 2.SEP.2019 21:23:21

Date: 2.SEP.2019 21:23:31

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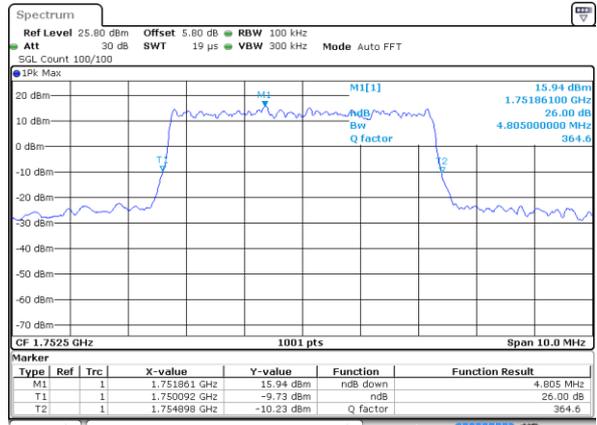
LTE Band 4

Lowest Channel / 10MHz / QPSK	Lowest Channel / 10MHz / 16QAM
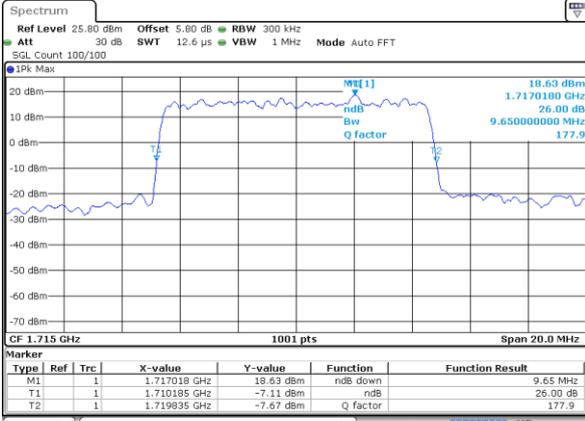
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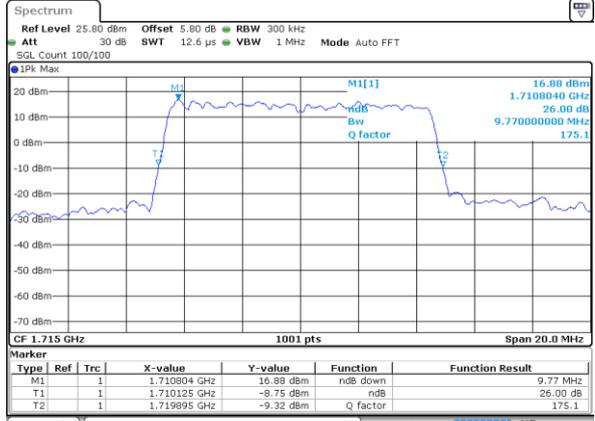
Date: 2.SEP.2019 21:30:25

Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM
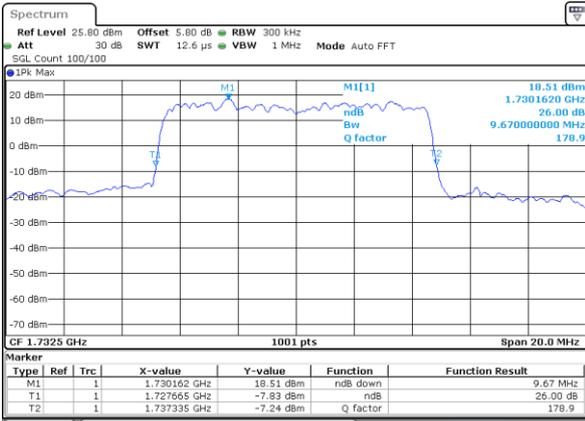
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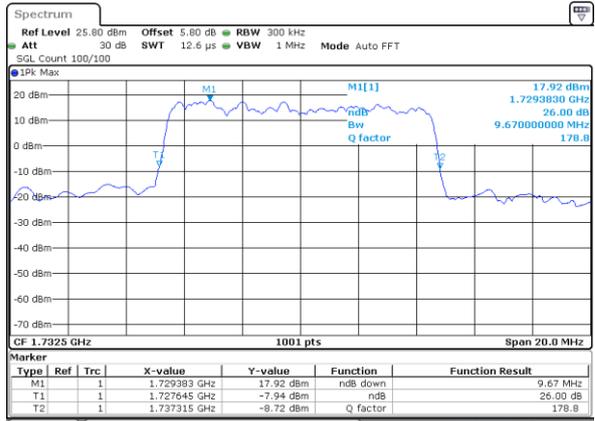
Date: 2.SEP.2019 21:37:20

Highest Channel / 10MHz / QPSK	Highest Channel / 10MHz / 16QAM
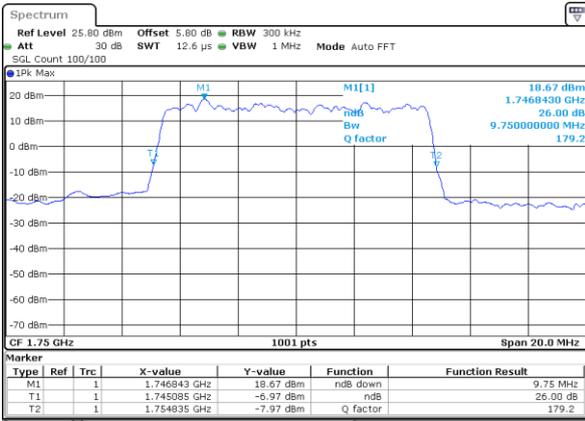
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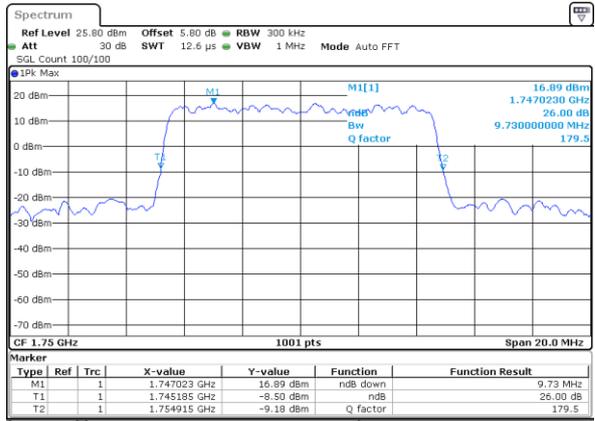
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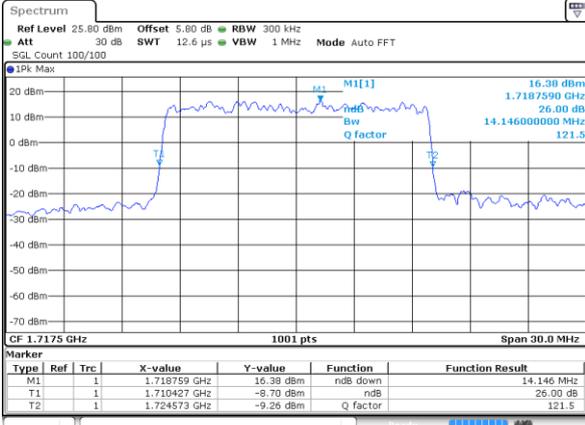
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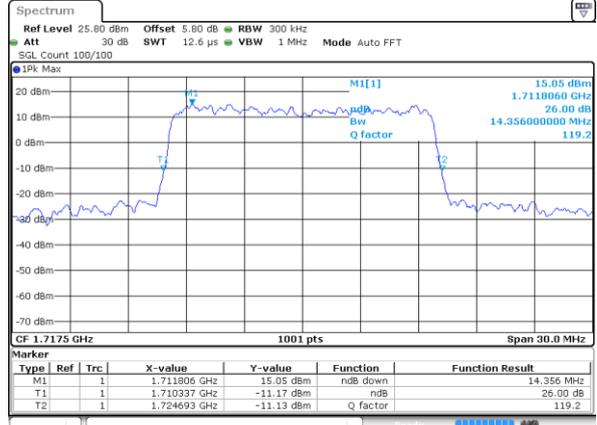
LTE Band 4	
Lowest Channel / 15MHz / QPSK	**Lowest Channel / 15MHz / 16QAM**
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
Highest Channel / 15MHz / QPSK	**Highest Channel / 15MHz / 16QAM**
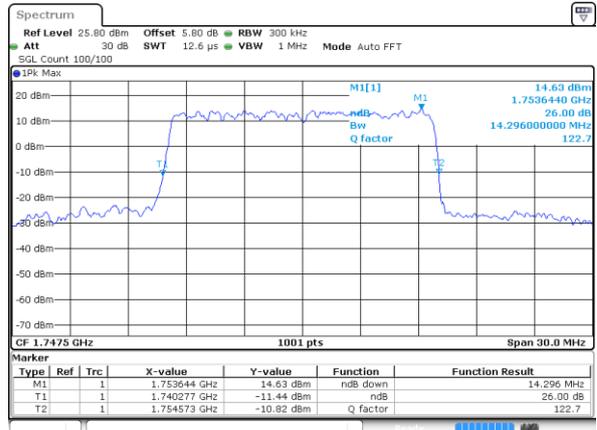
LTE Band 4

Lowest Channel / 20MHz / QPSK
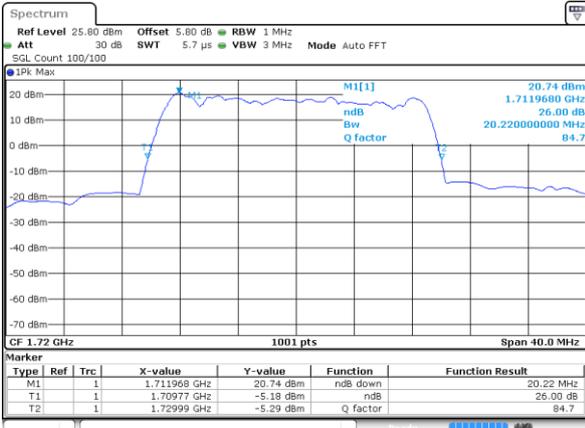
Date: 2.SEP.2019 22:02:46

Lowest Channel / 20MHz / 16QAM
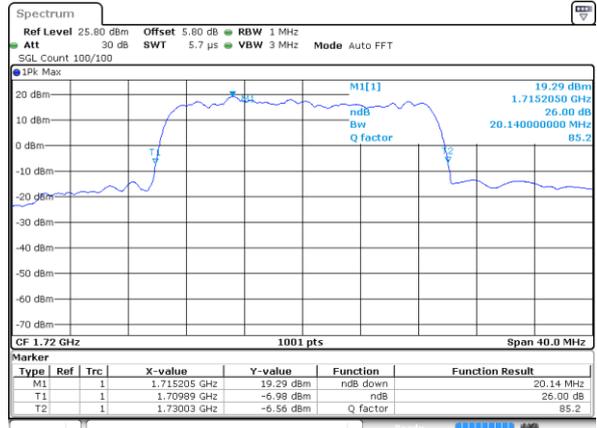
Date: 2.SEP.2019 22:02:56

Middle Channel / 20MHz / QPSK

Date: 2.SEP.2019 22:09:40

Middle Channel / 20MHz / 16QAM

Date: 2.SEP.2019 22:09:50

Highest Channel / 20MHz / QPSK
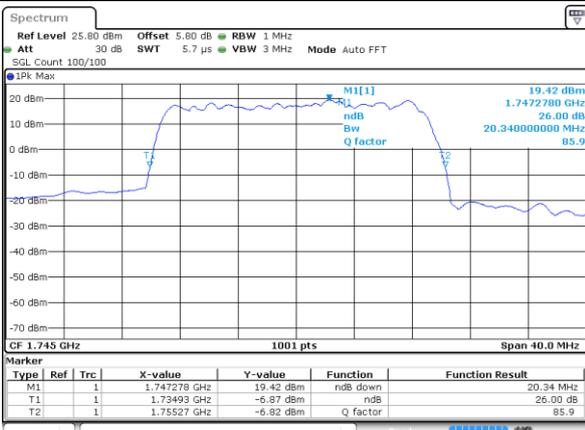
Date: 2.SEP.2019 22:12:07

Highest Channel / 20MHz / 16QAM

Date: 2.SEP.2019 22:12:17

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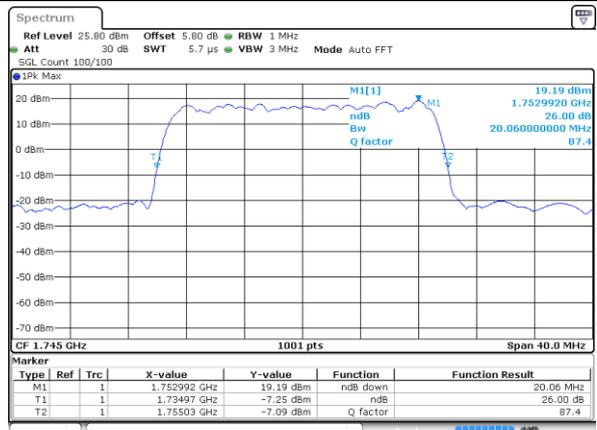
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM	Lowest Channel / 3MHz / 64QAM
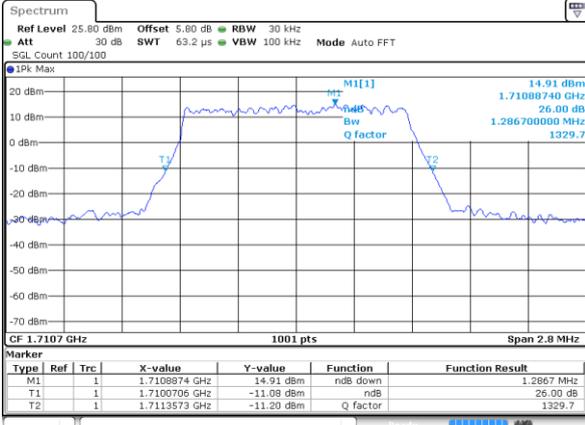
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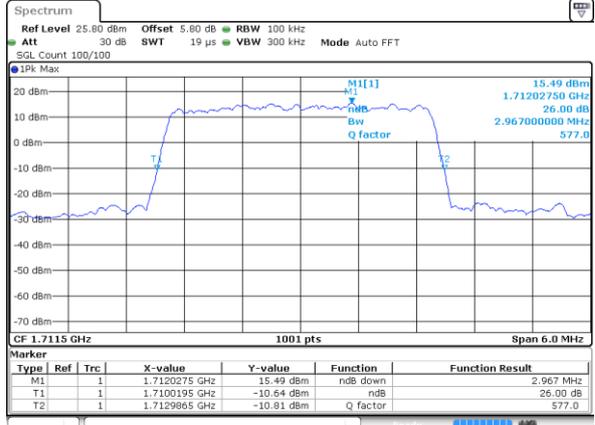
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Middle Channel / 1.4MHz / 64QAM	Middle Channel / 3MHz / 64QAM
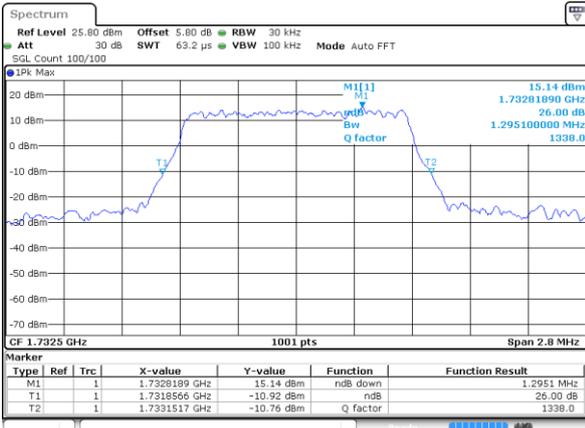
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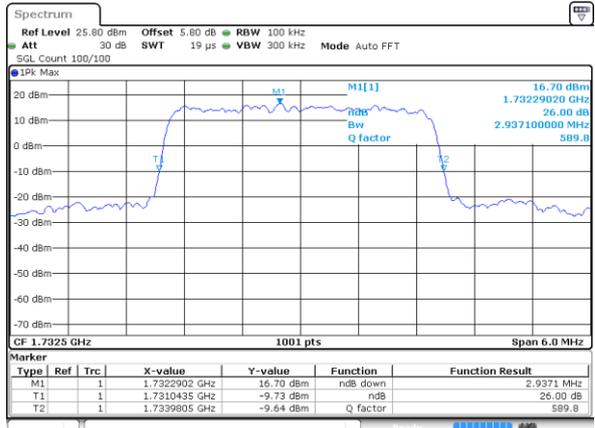
Date: 2.SEP.2019 22:30:27

Highest Channel / 1.4MHz / 64QAM	Highest Channel / 3MHz / 64QAM

Date: 2.SEP.2019 22:23:32

Date: 2.SEP.2019 22:31:40

LTE Band 4

Lowest Channel / 5MHz / 64QAM	Lowest Channel / 10MHz / 64QAM
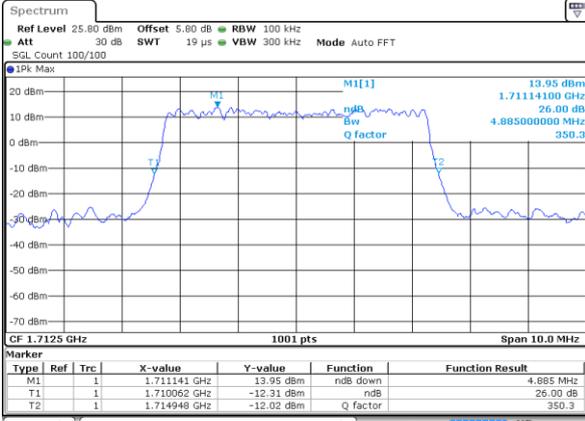
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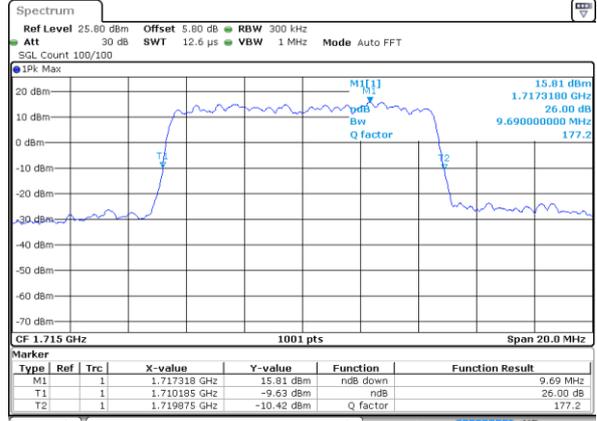
Date: 2.SEP.2019 22:43:15

Middle Channel / 5MHz / 64QAM	Middle Channel / 10MHz / 64QAM
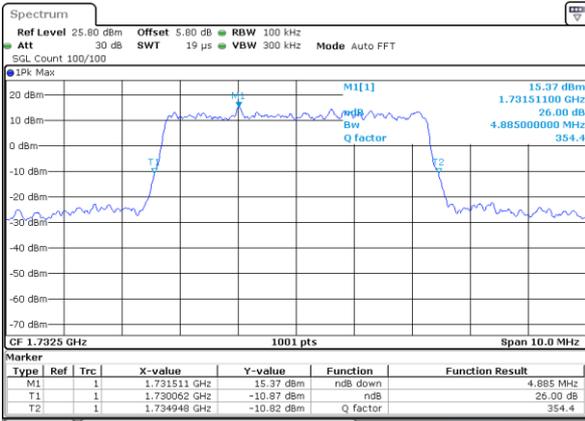
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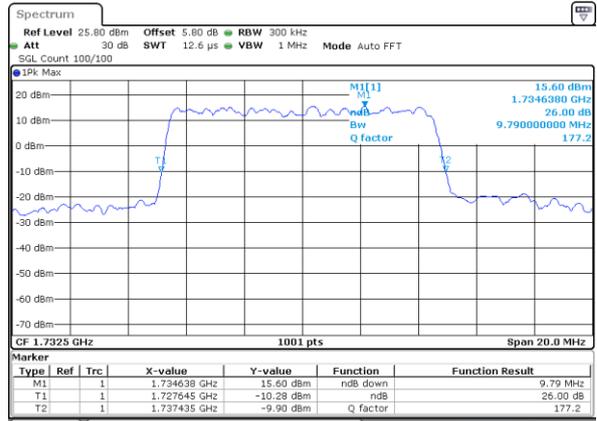
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Highest Channel / 5MHz / 64QAM	Highest Channel / 10MHz / 64QAM
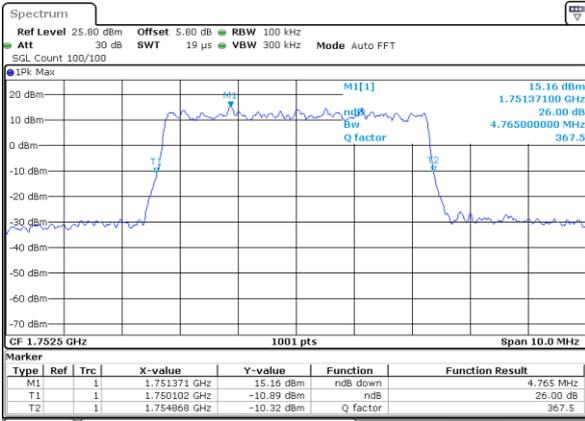
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Date: 2.SEP.2019 22:47:56

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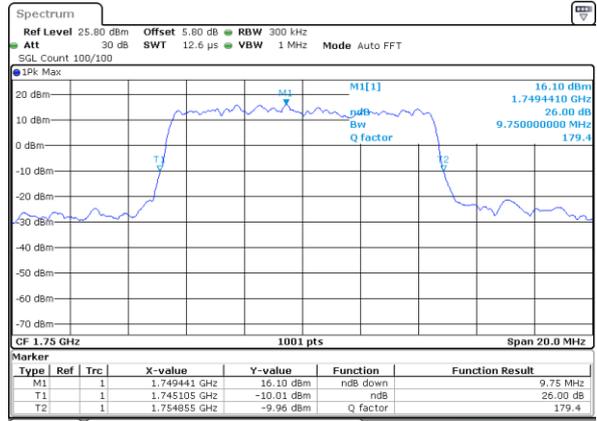
LTE Band 4	
Lowest Channel / 15MHz / 64QAM	**Lowest Channel / 20MHz / 64QAM**
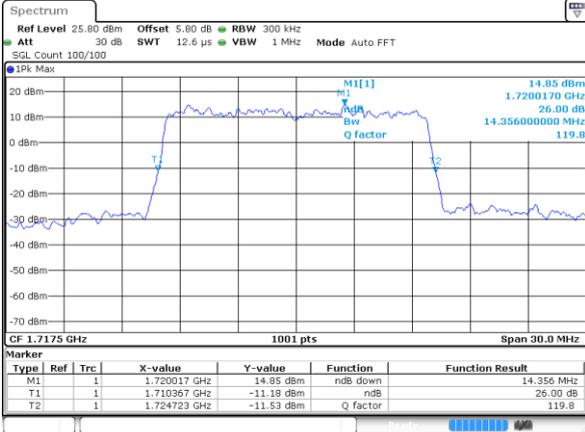
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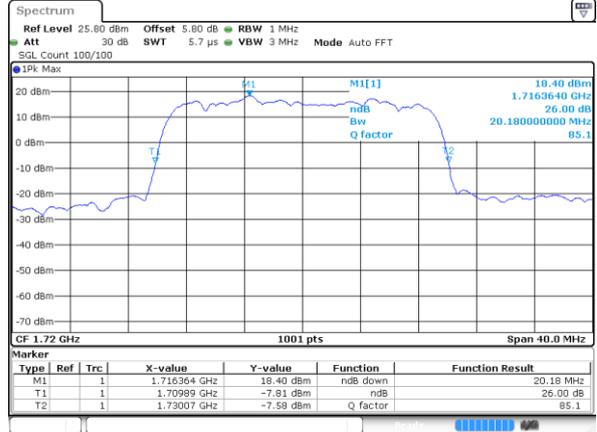
Date: 2.SEP.2019 22:59:31

Middle Channel / 15MHz / 64QAM	**Middle Channel / 20MHz / 64QAM**
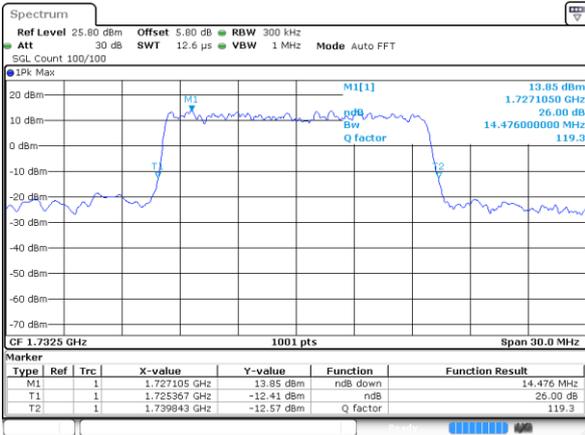
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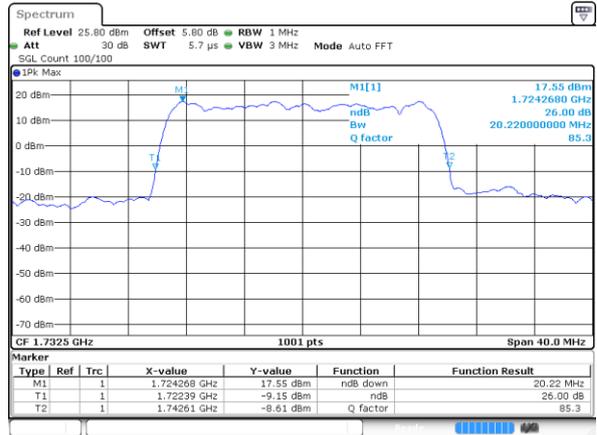
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Highest Channel / 15MHz / 64QAM	**Highest Channel / 20MHz / 64QAM**
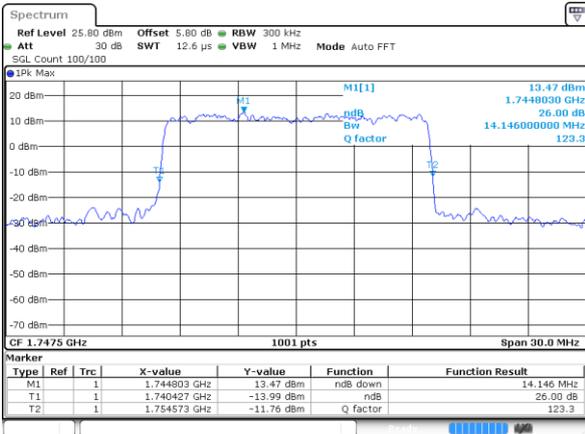
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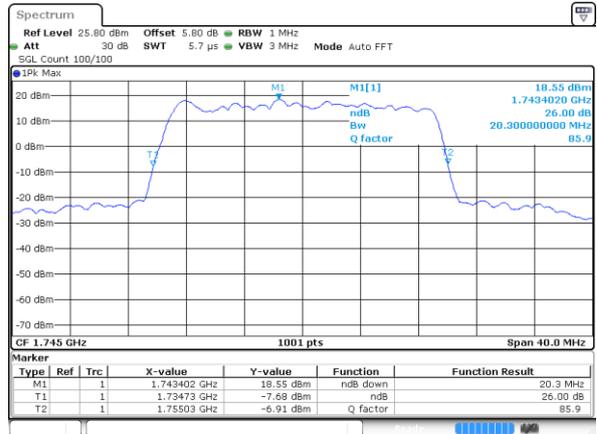
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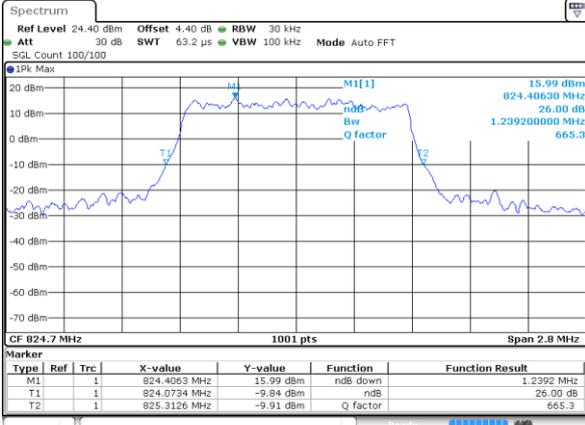
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LTE Band 5

Lowest Channel / 1.4MHz / QPSK

Lowest Channel / 1.4MHz / 16QAM

Middle Channel / 1.4MHz / QPSK

Middle Channel / 1.4MHz / 16QAM

Highest Channel / 1.4MHz / QPSK

Highest Channel / 1.4MHz / 16QAM

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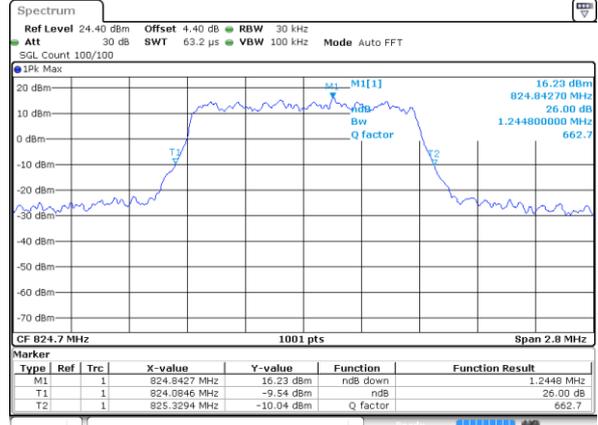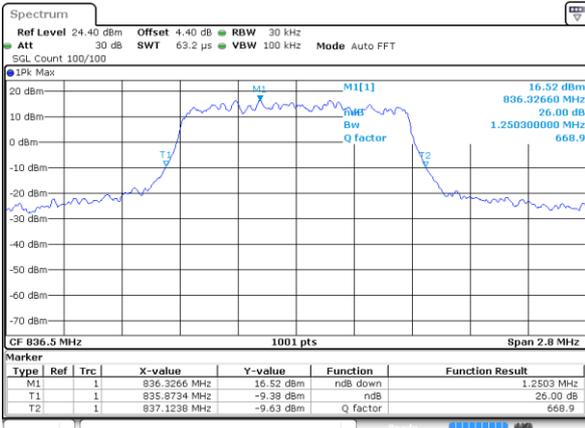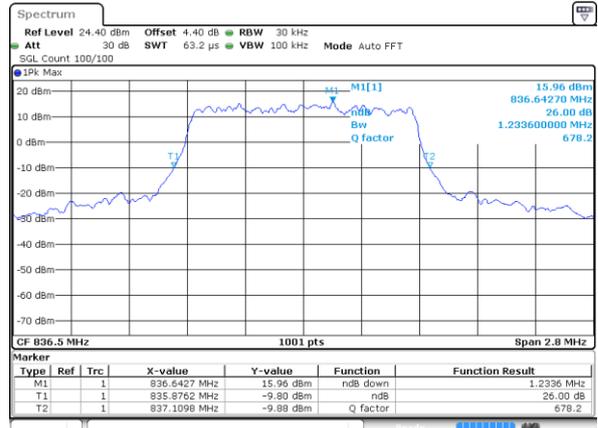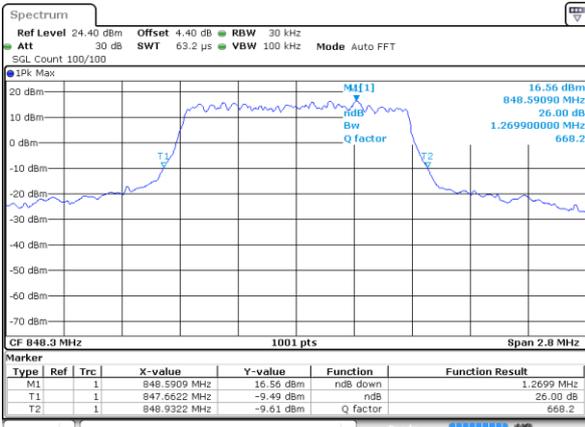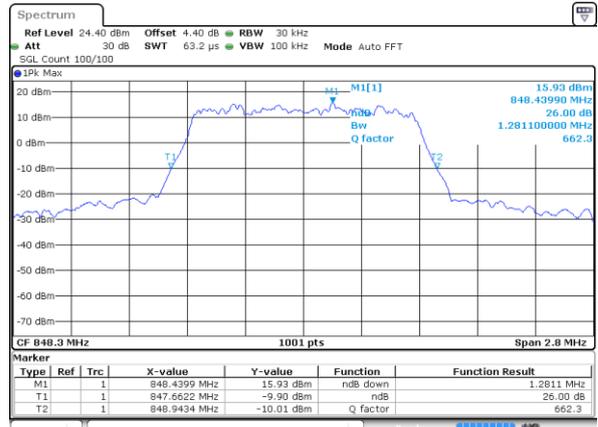
LTE Band 5

Lowest Channel / 3MHz / QPSK	Lowest Channel / 3MHz / 16QAM
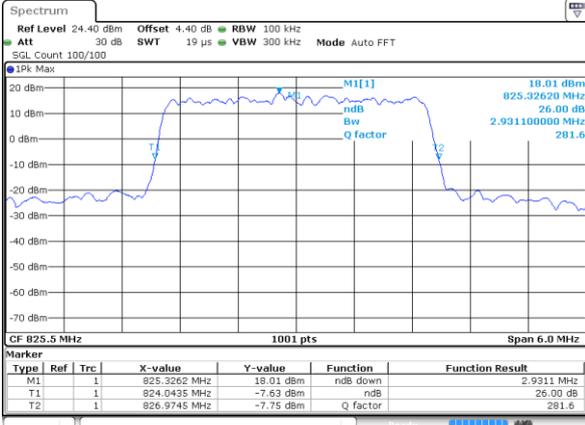
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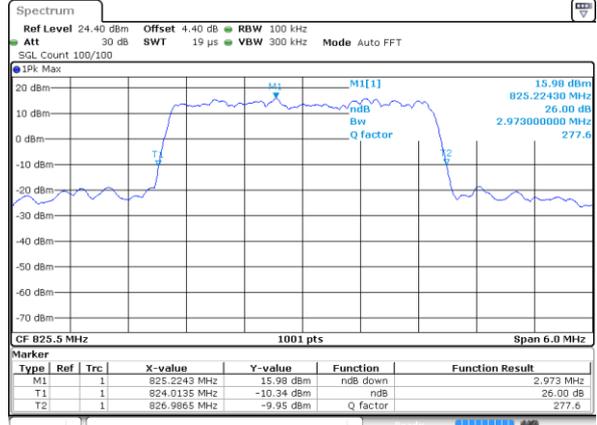
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Middle Channel / 3MHz / QPSK	Middle Channel / 3MHz / 16QAM
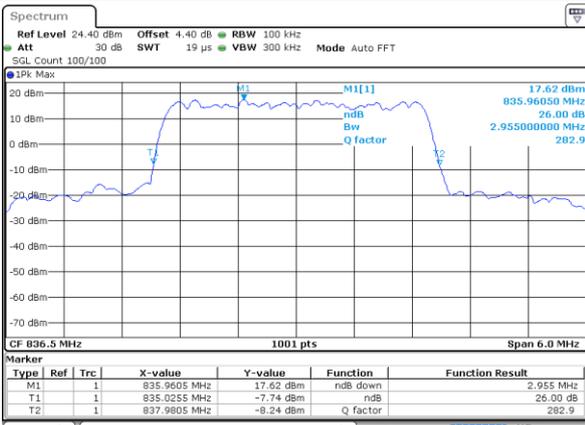
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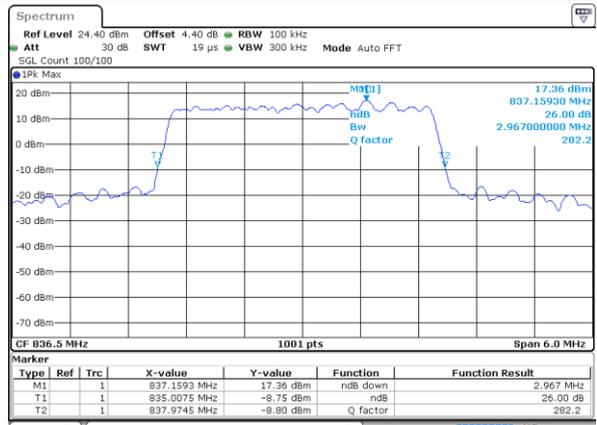
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Highest Channel / 3MHz / QPSK	Highest Channel / 3MHz / 16QAM
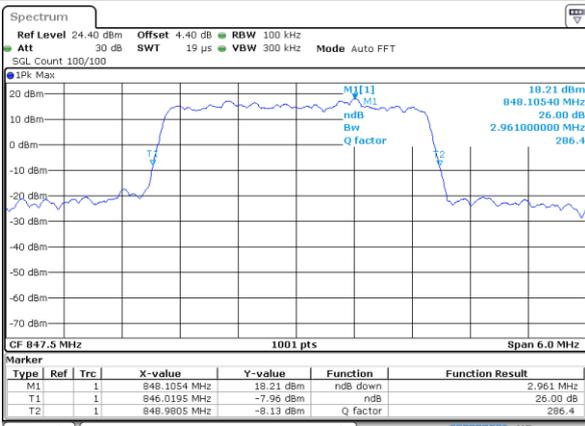
Date: 3.SEP.2019 01:51:54

Date: 3.SEP.2019 01:52:04

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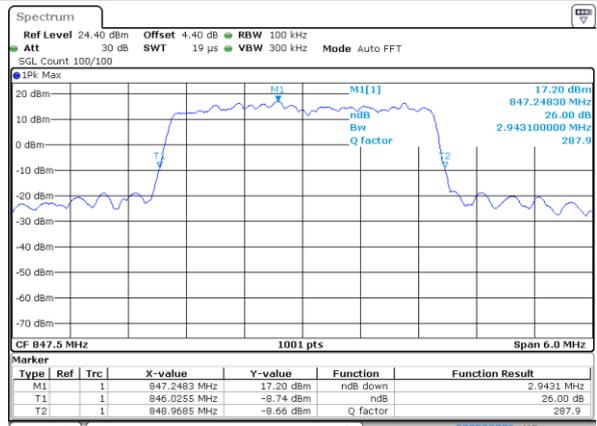
LTE Band 5

Lowest Channel / 5MHz / QPSK	Lowest Channel / 5MHz / 16QAM
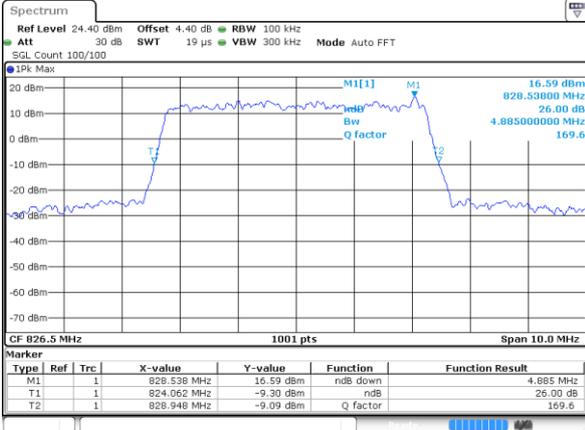
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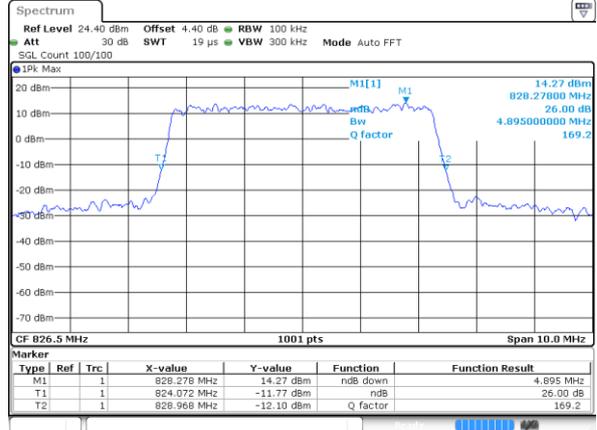
Date: 3.SEP.2019 01:52:57

Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM
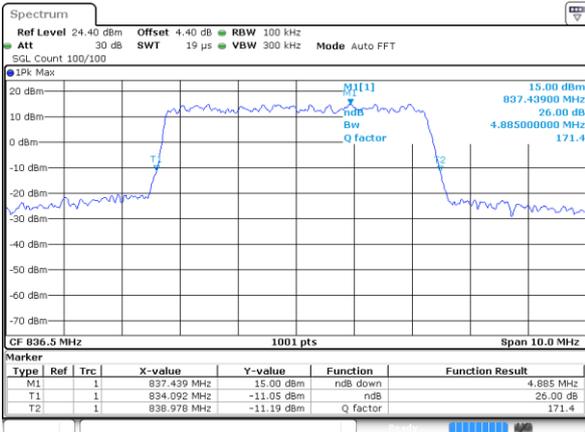
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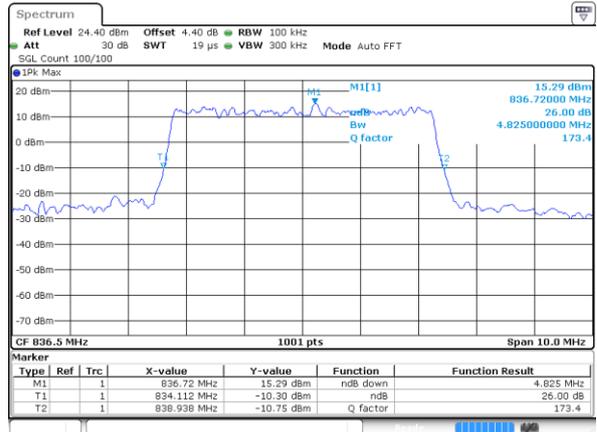
Date: 3.SEP.2019 01:53:17

Highest Channel / 5MHz / QPSK	Highest Channel / 5MHz / 16QAM
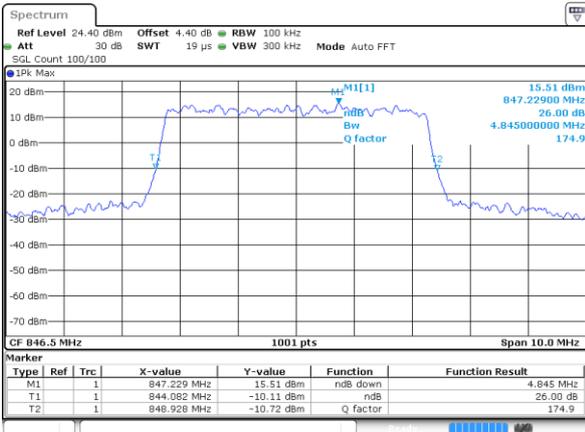
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Date: 3.SEP.2019 01:53:36

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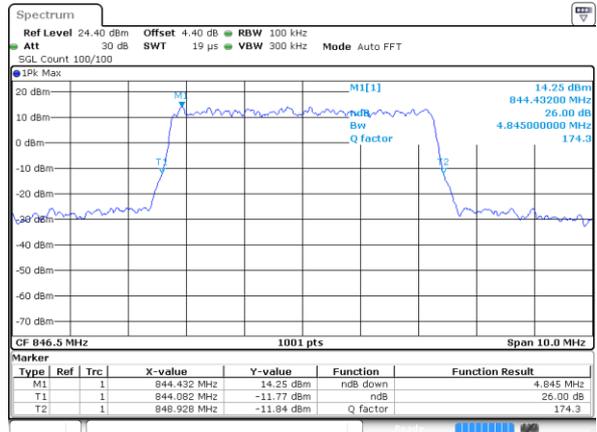
LTE Band 5	
Lowest Channel / 10MHz / QPSK	**Lowest Channel / 10MHz / 16QAM**
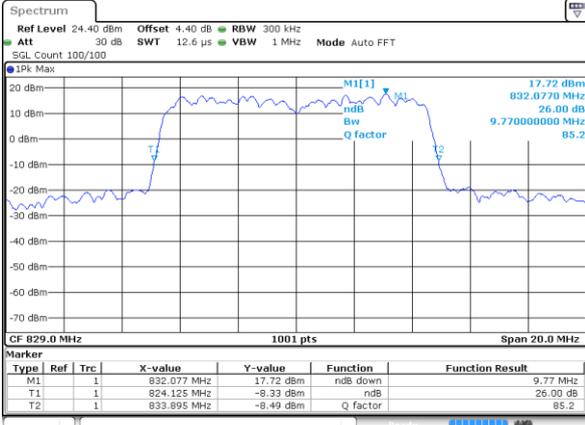
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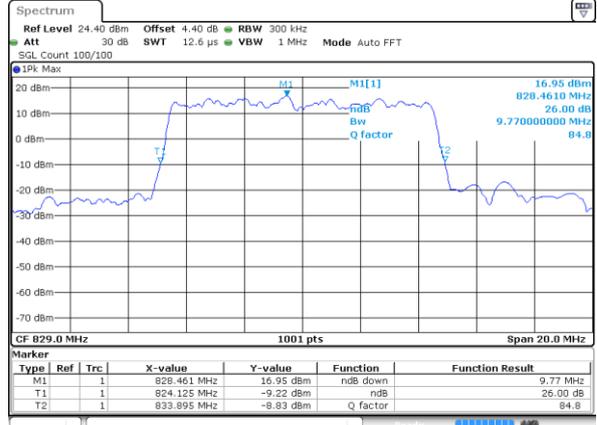
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Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
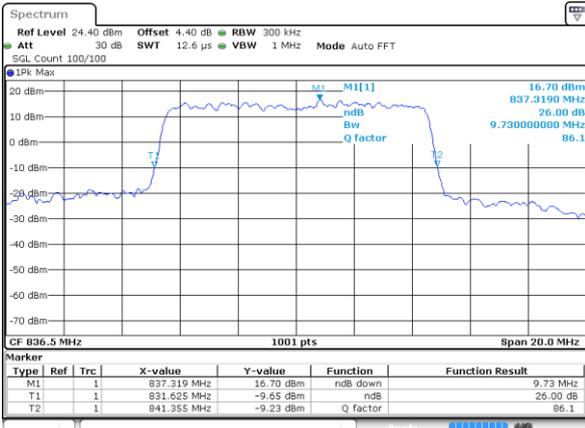
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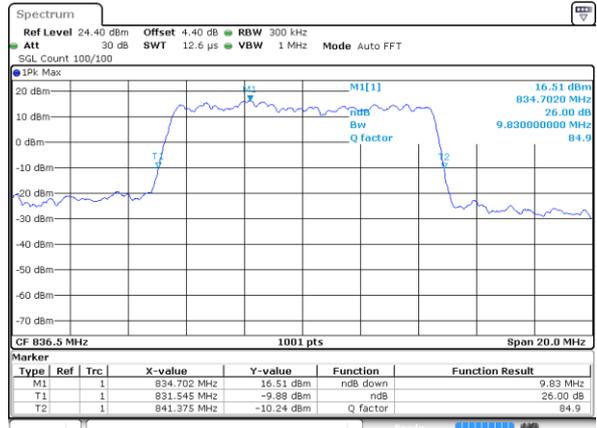
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Highest Channel / 10MHz / QPSK	**Highest Channel / 10MHz / 16QAM**
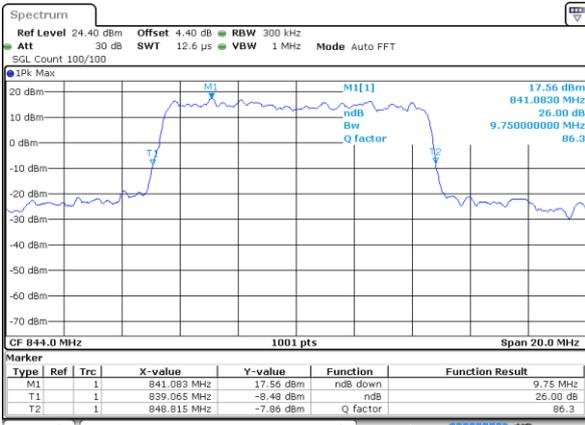
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Date: 3.SEP.2019 00:16:05

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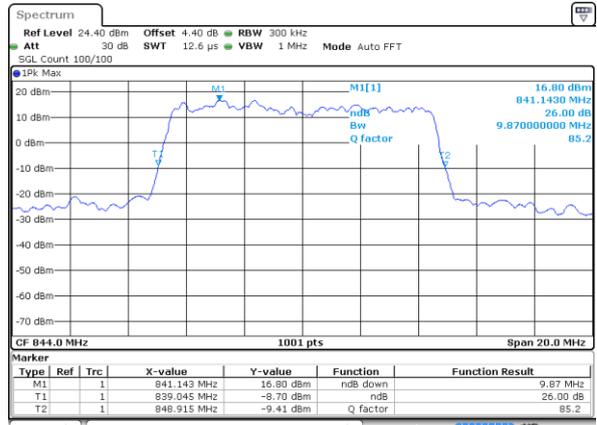
LTE Band 5
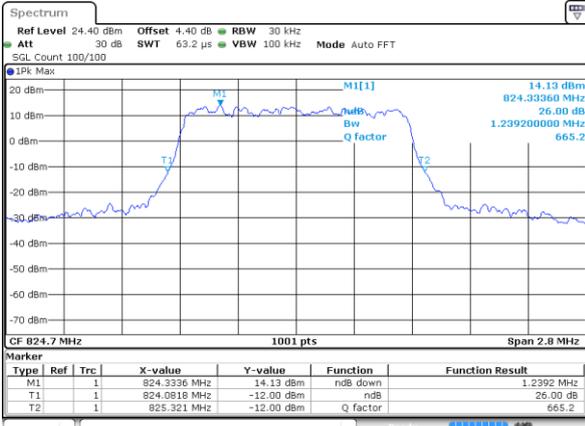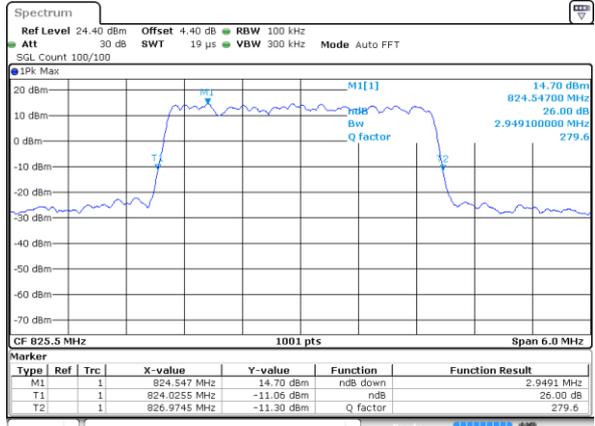
Lowest Channel / 1.4MHz / 64QAM	Lowest Channel / 3MHz / 64QAM
Date: 3.SEP.2019 00:30:34	Date: 3.SEP.2019 00:40:41
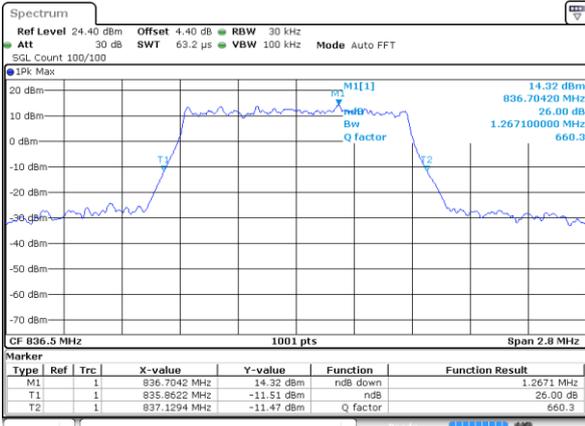
Middle Channel / 1.4MHz / 64QAM	Middle Channel / 3MHz / 64QAM
Date: 3.SEP.2019 00:35:54	Date: 3.SEP.2019 00:46:01
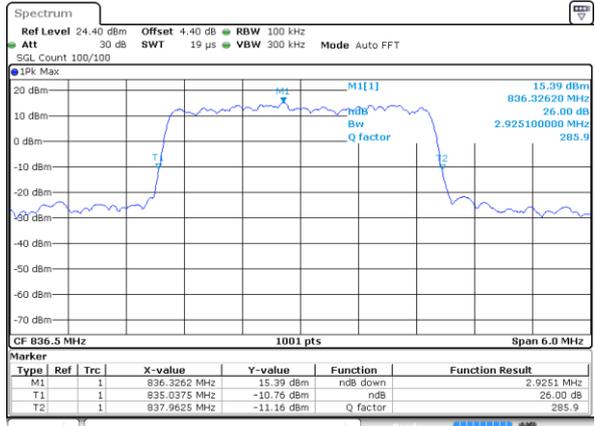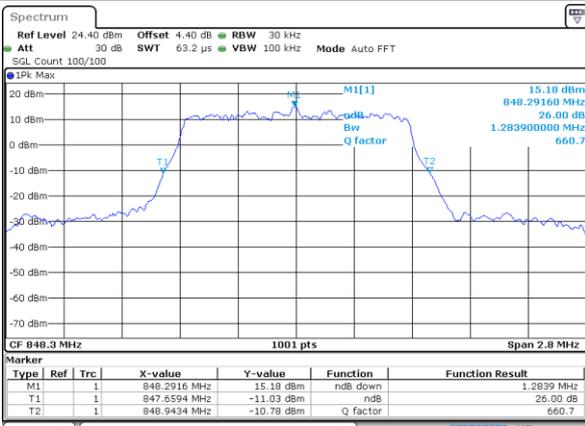
Highest Channel / 1.4MHz / 64QAM	Highest Channel / 3MHz / 64QAM
Date: 3.SEP.2019 00:36:14	Date: 3.SEP.2019 00:46:21
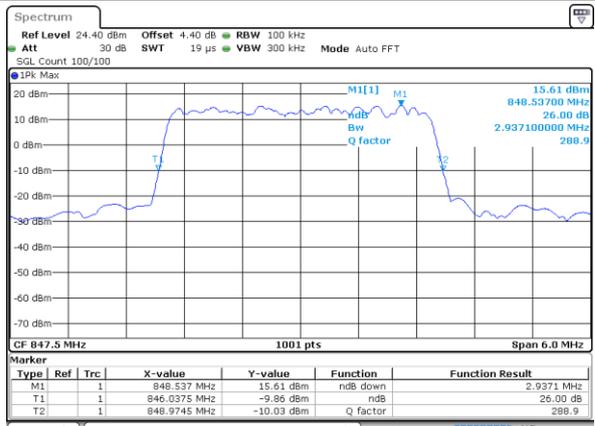
LTE Band 5	
Lowest Channel / 5MHz / 64QAM	**Lowest Channel / 10MHz / 64QAM**

Middle Channel / 5MHz / 64QAM	**Middle Channel / 10MHz / 64QAM**

Highest Channel / 5MHz / 64QAM	**Highest Channel / 10MHz / 64QAM**

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