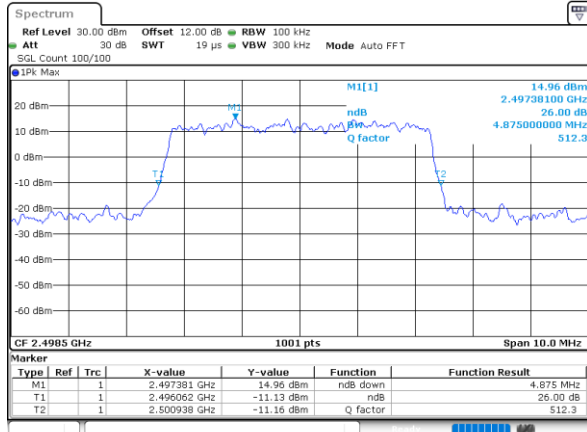




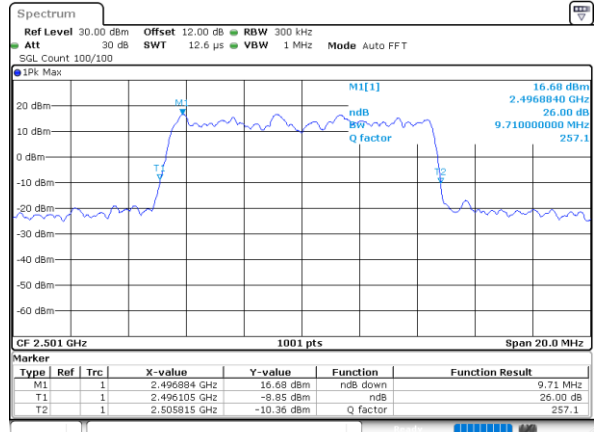
LTE Band 41

Lowest Channel / 5MHz / 64QAM



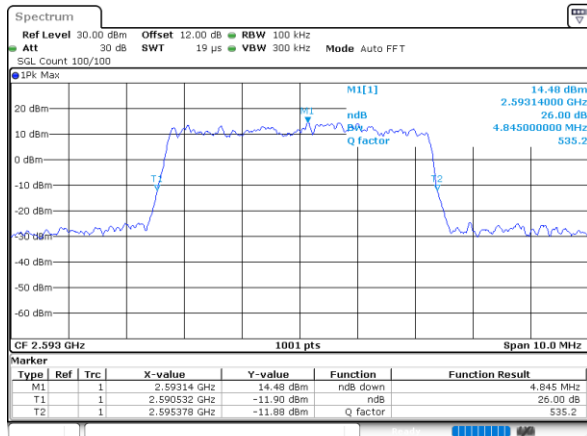
Date: 9,AUG,2020 10:20:20

Lowest Channel / 10MHz / 64QAM



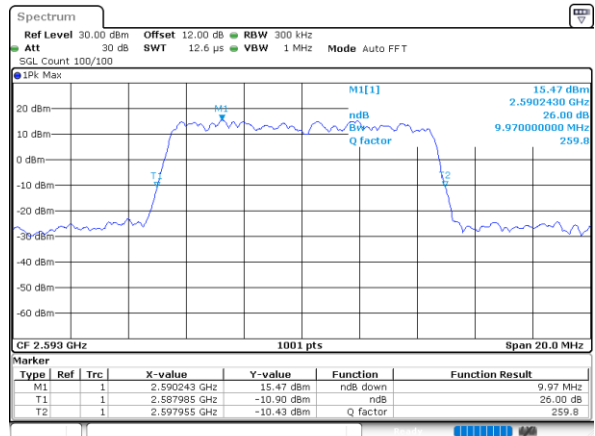
Date: 9,AUG,2020 10:21:30

Middle Channel / 5MHz / 64QAM



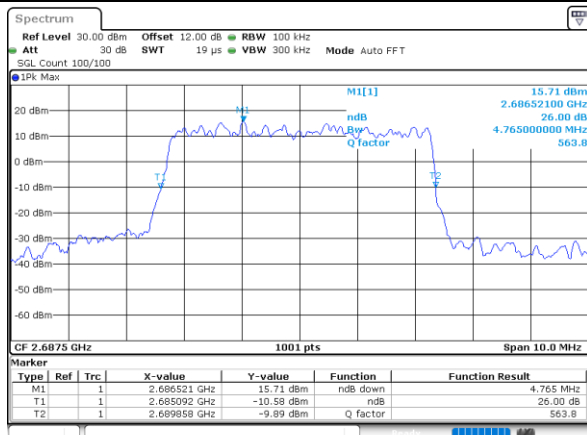
Date: 9,AUG,2020 10:20:43

Middle Channel / 10MHz / 64QAM



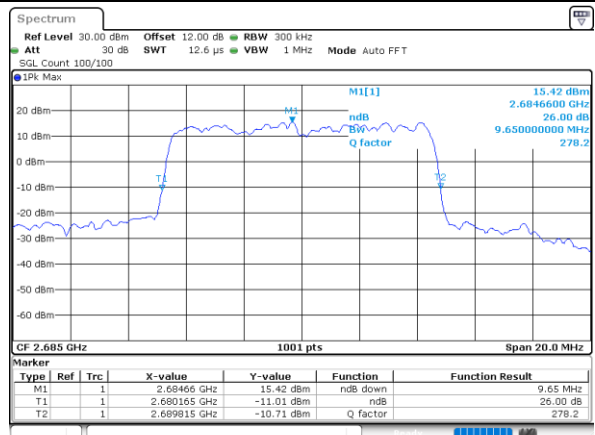
Date: 9,AUG,2020 10:21:52

Highest Channel / 5MHz / 64QAM



Date: 9,AUG,2020 10:21:06

Highest Channel / 10MHz / 64QAM

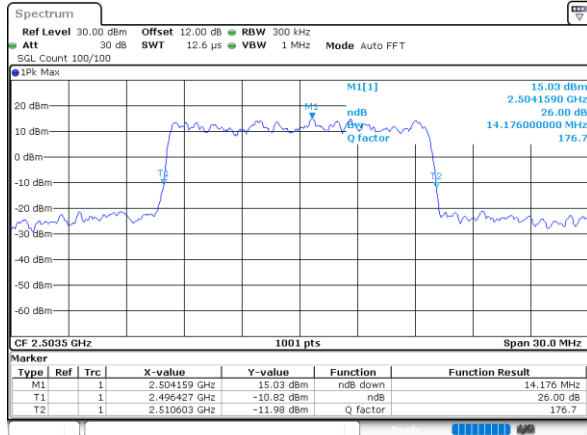


Date: 9,AUG,2020 10:22:15



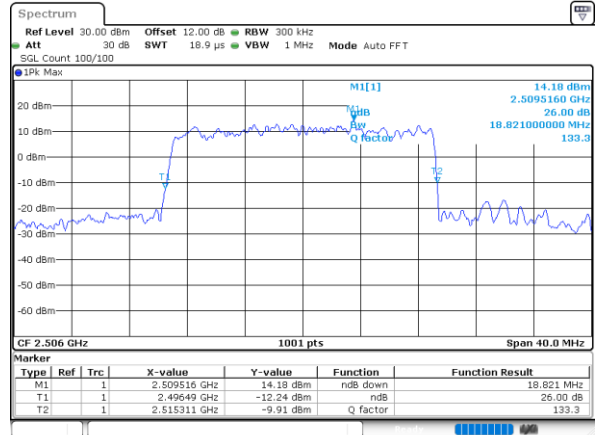
LTE Band 41

Lowest Channel / 15MHz / 64QAM



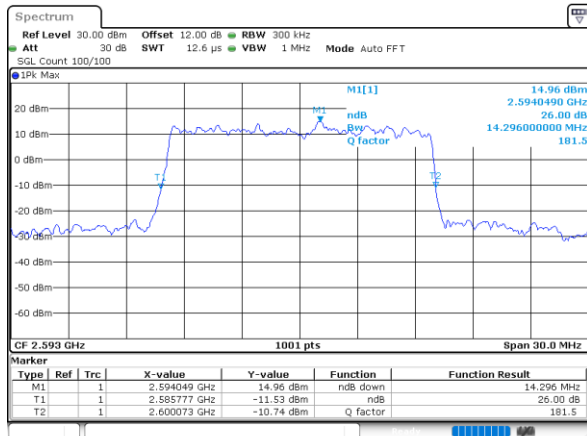
Date: 9,AUG,2020 10:22:19

Lowest Channel / 20MHz / 64QAM



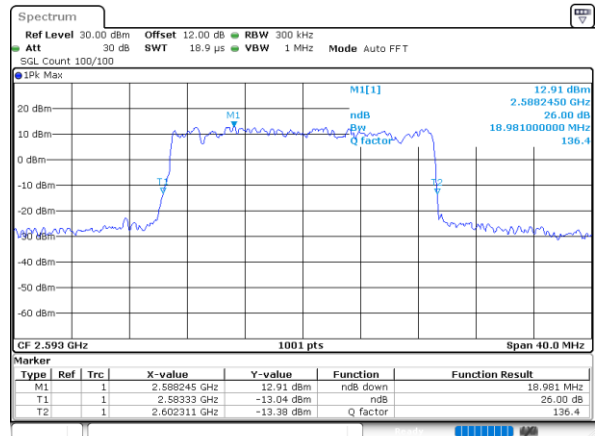
Date: 9,AUG,2020 10:23:50

Middle Channel / 15MHz / 64QAM



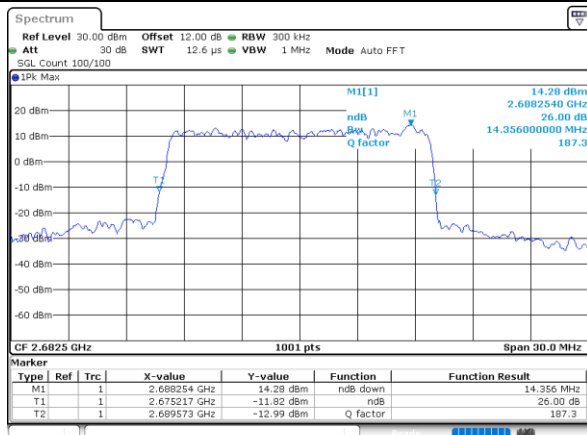
Date: 9,AUG,2020 10:23:02

Middle Channel / 20MHz / 64QAM



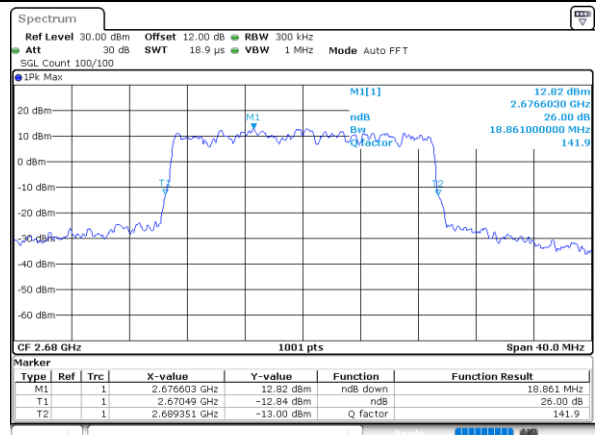
Date: 9,AUG,2020 10:24:12

Highest Channel / 15MHz / 64QAM



Date: 9,AUG,2020 10:23:25

Highest Channel / 20MHz / 64QAM

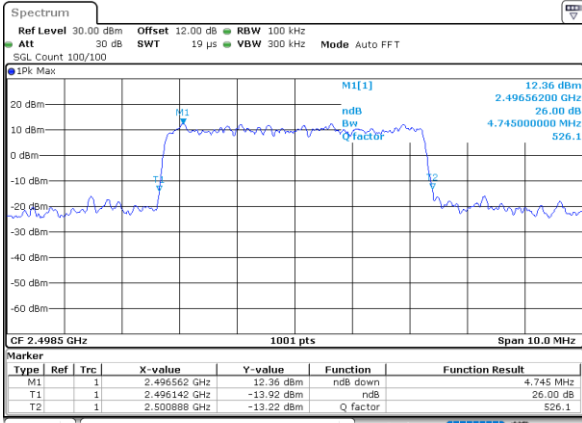


Date: 9,AUG,2020 10:24:35



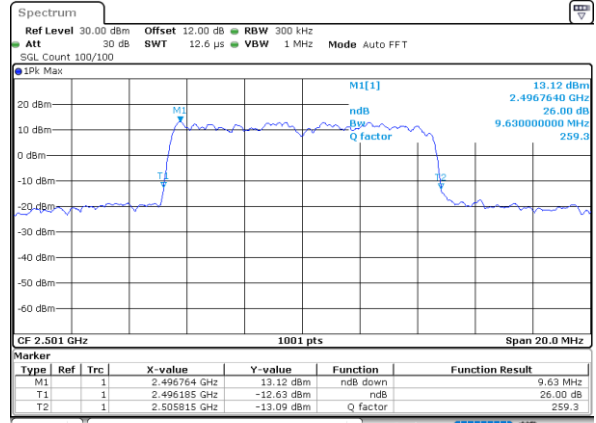
LTE Band 41

Lowest Channel / 5MHz / 256QAM



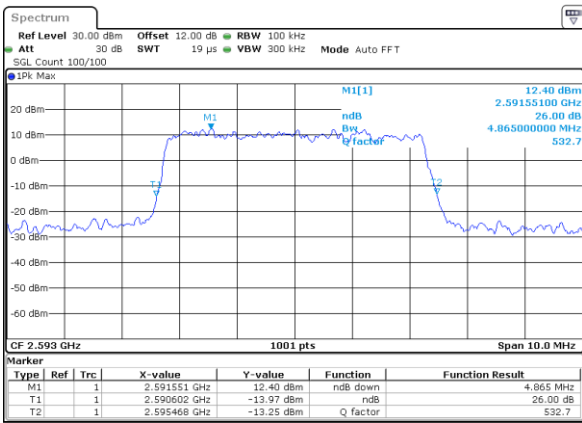
Date: 9.AUG.2020 10:47:09

Lowest Channel / 10MHz / 256QAM



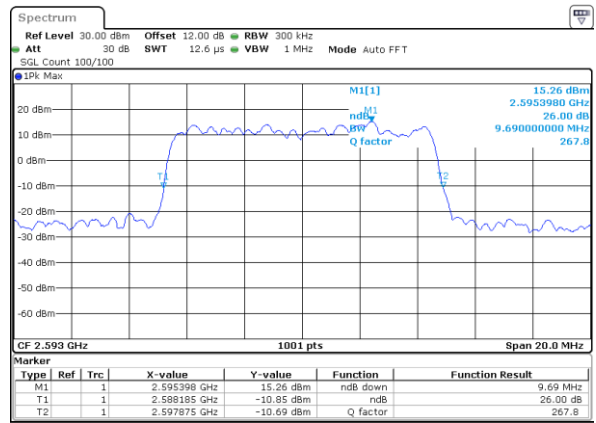
Date: 9.AUG.2020 10:58:55

Middle Channel / 5MHz / 256QAM



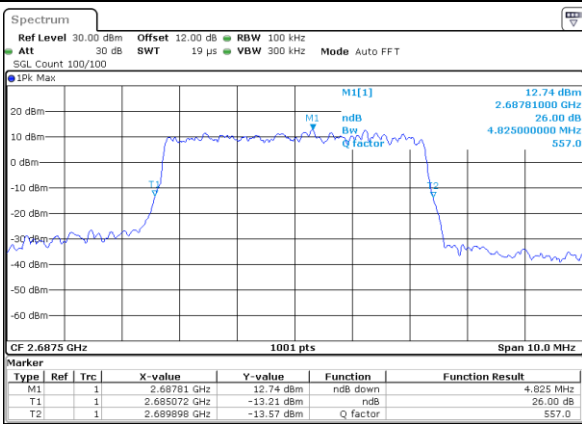
Date: 9.AUG.2020 10:48:32

Middle Channel / 10MHz / 256QAM



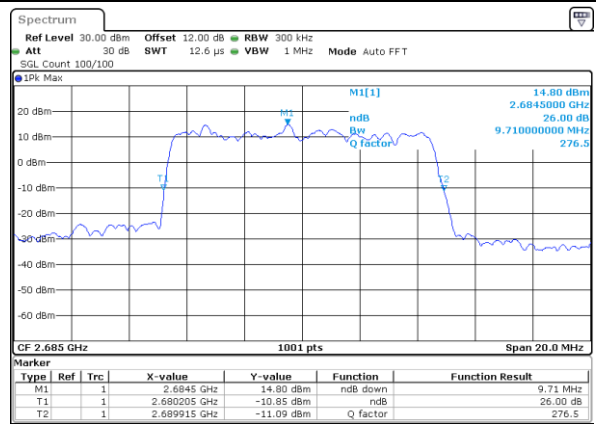
Date: 9.AUG.2020 10:54:48

Highest Channel / 5MHz / 256QAM



Date: 9.AUG.2020 10:51:12

Highest Channel / 10MHz / 256QAM

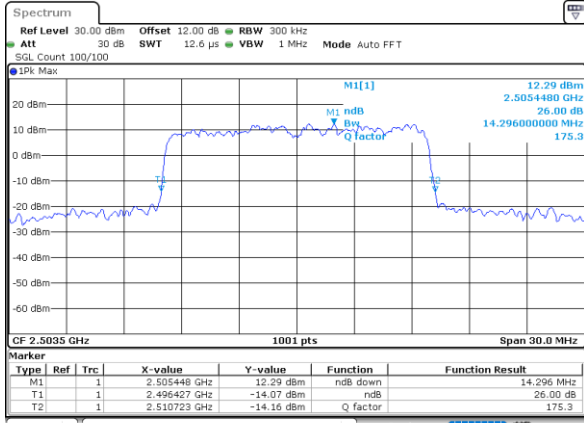


Date: 9.AUG.2020 10:54:41

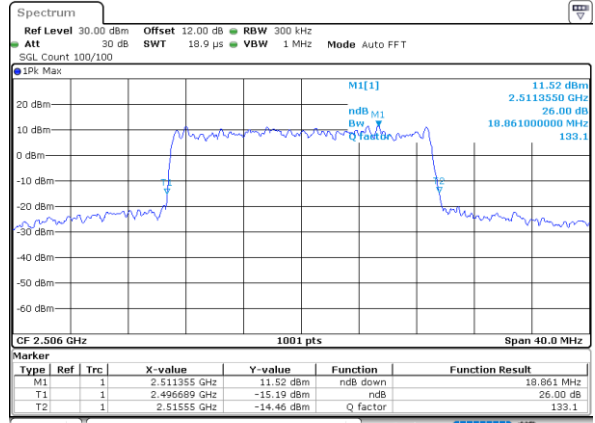


LTE Band 41

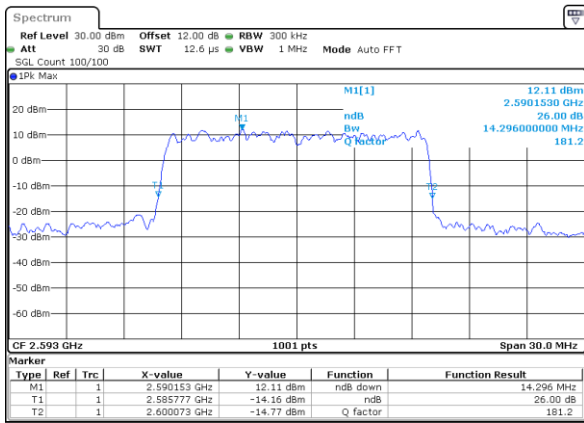
Lowest Channel / 15MHz / 256QAM



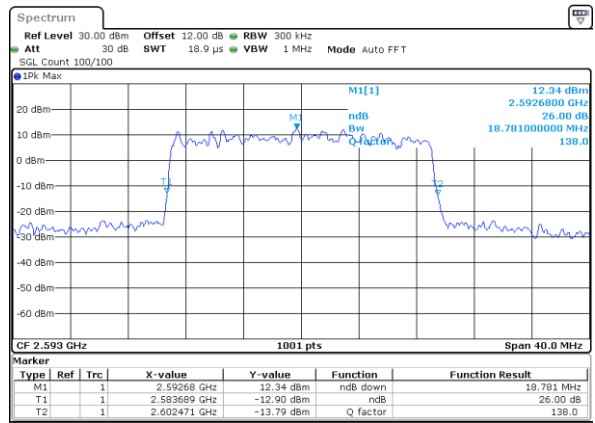
Lowest Channel / 20MHz / 256QAM



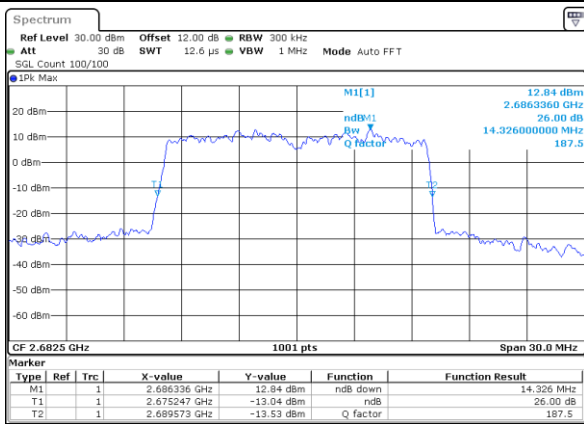
Middle Channel / 15MHz / 256QAM



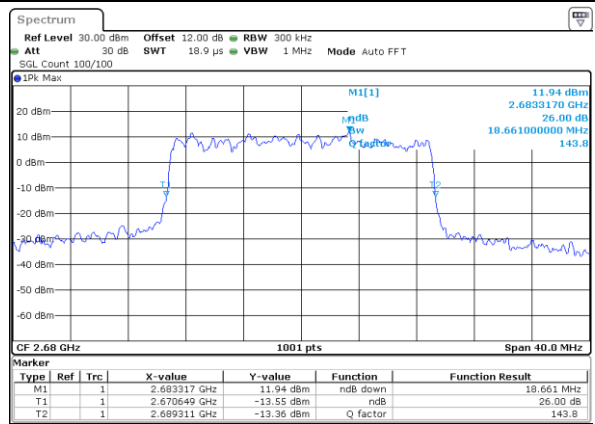
Middle Channel / 20MHz / 256QAM



Highest Channel / 15MHz / 256QAM



Highest Channel / 20MHz / 256QAM



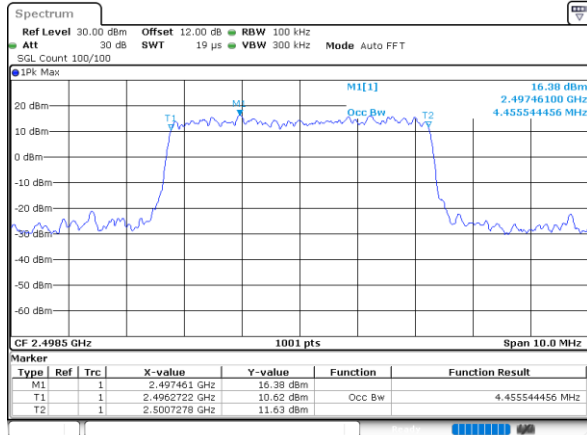
**Occupied Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.46	4.51	9.11	9.03	13.43	13.46	17.78	17.78
Middle CH	-	-	-	-	4.49	4.49	9.05	8.99	13.49	13.46	17.98	17.74
Highest CH	-	-	-	-	4.49	4.50	9.01	9.09	13.40	13.49	17.82	17.86
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	4.50	4.47	9.03	9.00	13.37	13.43	17.86	17.78
Middle CH	-	-	-	-	4.51	4.47	8.97	9.05	13.40	13.55	17.90	17.86
Highest CH	-	-	-	-	4.47	4.48	9.01	8.99	13.40	13.46	17.74	17.78



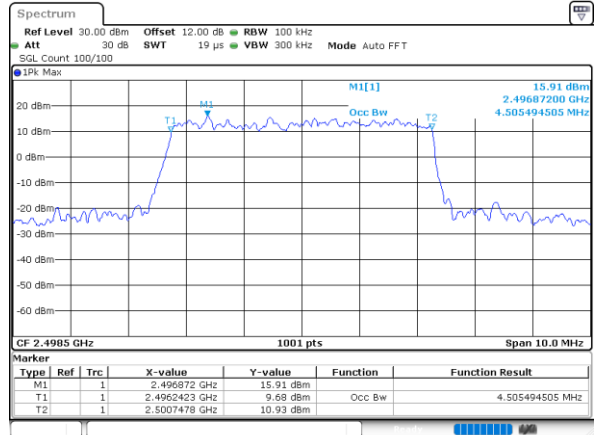
LTE Band 41

Lowest Channel / 5MHz / QPSK



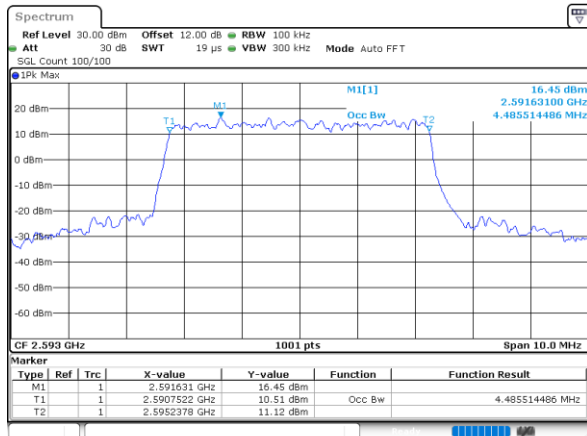
Date: 9.AUG.2020 10:10:48

Lowest Channel / 5MHz / 16QAM



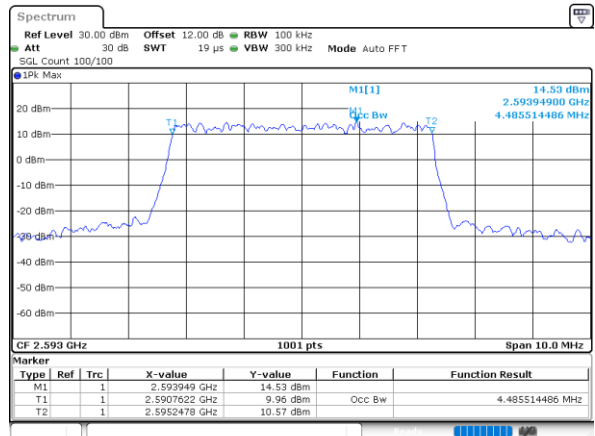
Date: 9.AUG.2020 10:11:00

Middle Channel / 5MHz / QPSK



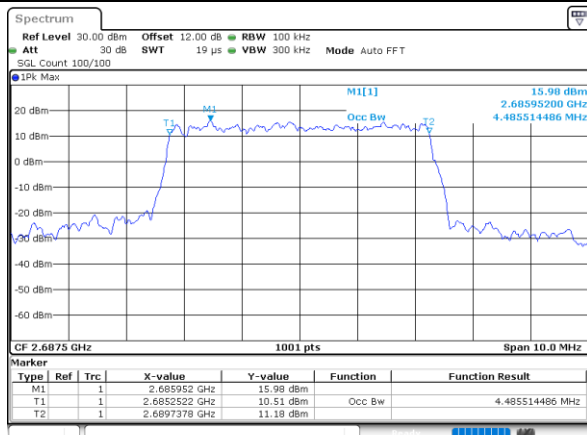
Date: 9.AUG.2020 10:11:35

Middle Channel / 5MHz / 16QAM



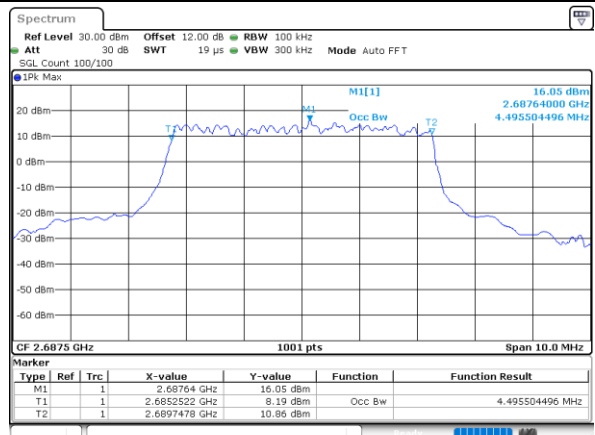
Date: 9.AUG.2020 10:11:46

Highest Channel / 5MHz / QPSK



Date: 9.AUG.2020 10:12:20

Highest Channel / 5MHz / 16QAM

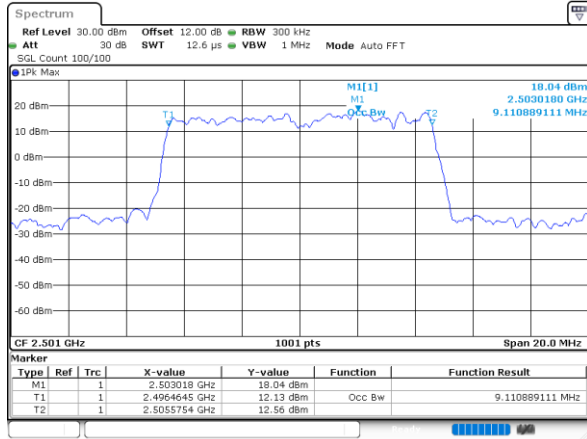


Date: 9.AUG.2020 10:12:32

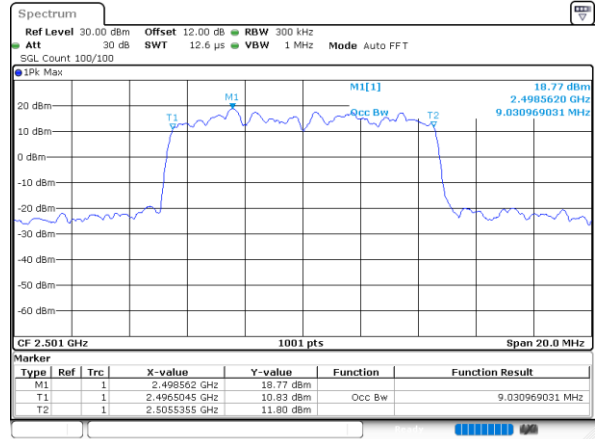


LTE Band 41

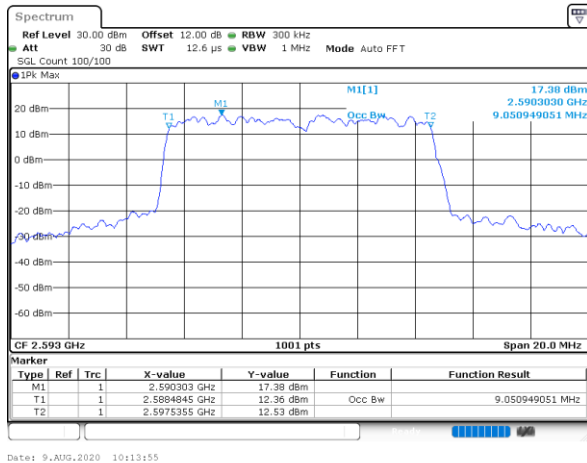
Lowest Channel / 10MHz / QPSK



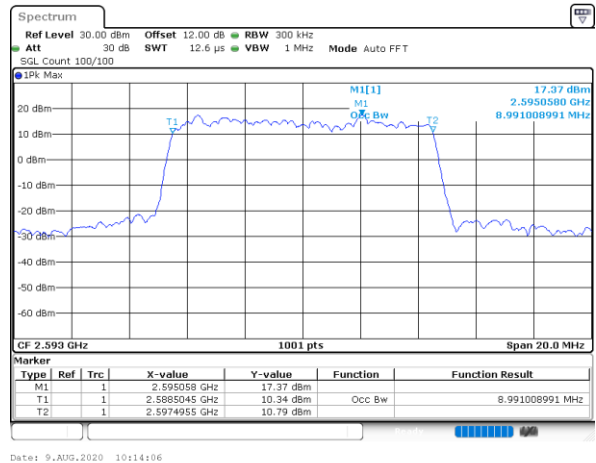
Lowest Channel / 10MHz / 16QAM



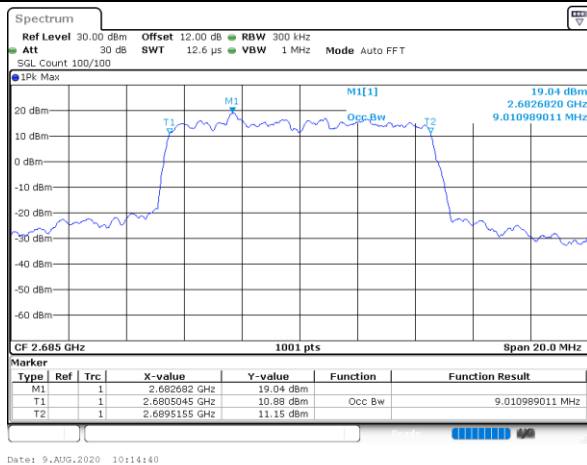
Middle Channel / 10MHz / QPSK



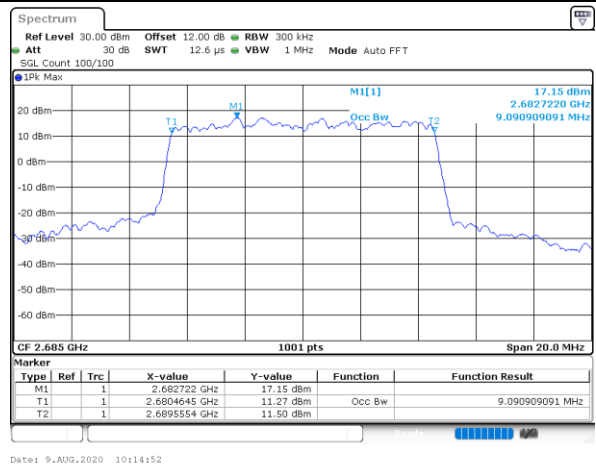
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



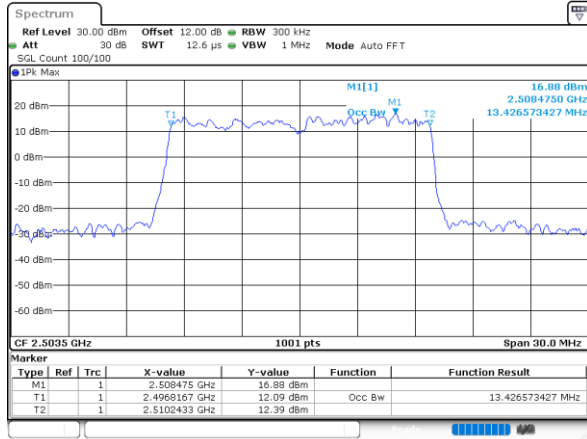
Highest Channel / 10MHz / 16QAM



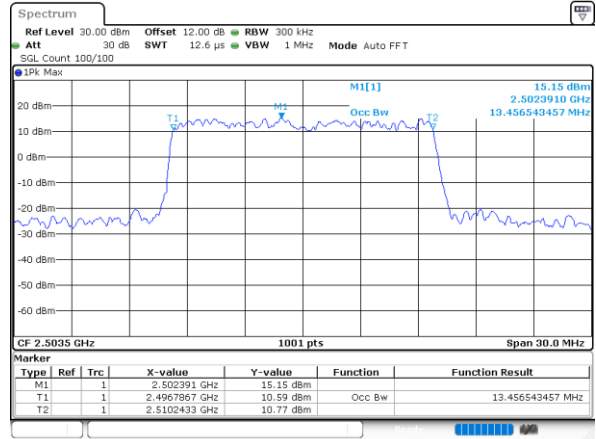


LTE Band 41

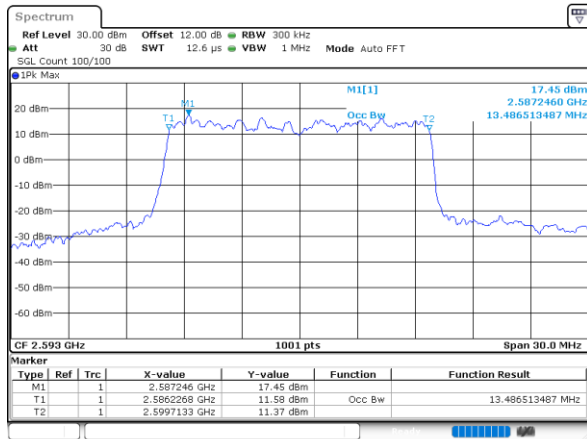
Lowest Channel / 15MHz / QPSK



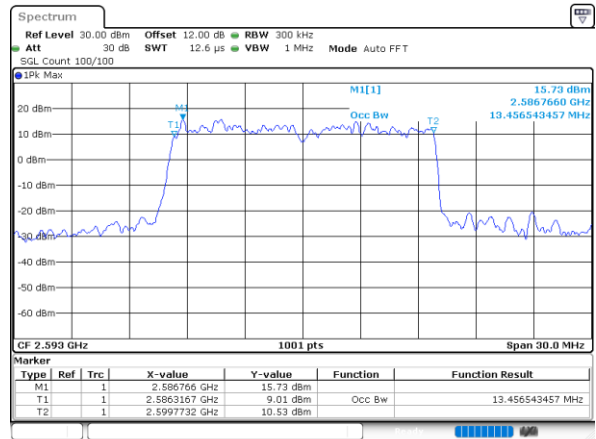
Lowest Channel / 15MHz / 16QAM



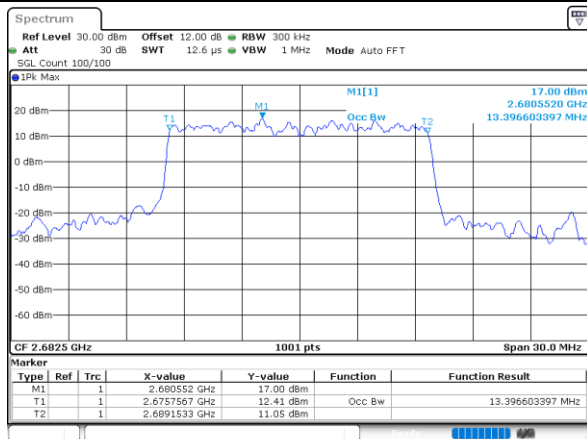
Middle Channel / 15MHz / QPSK



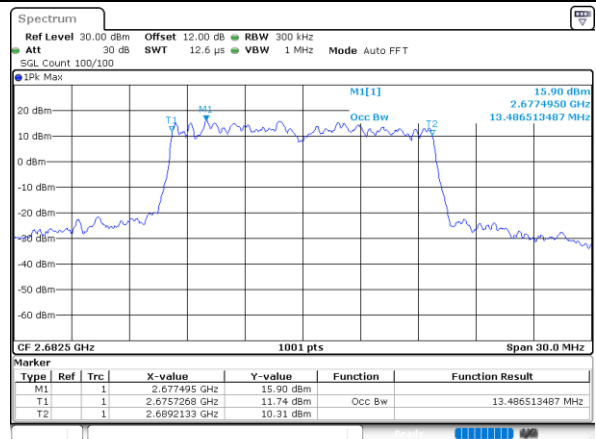
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



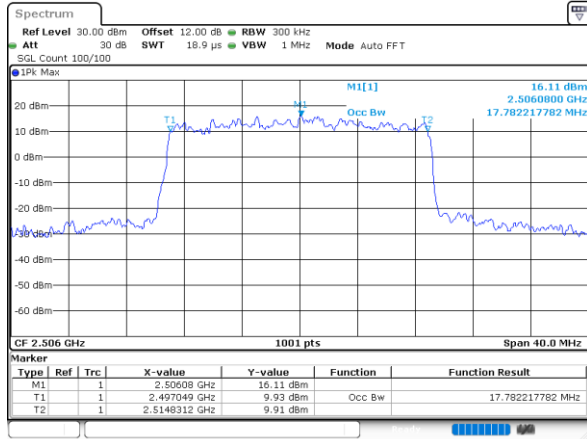
Highest Channel / 15MHz / 16QAM



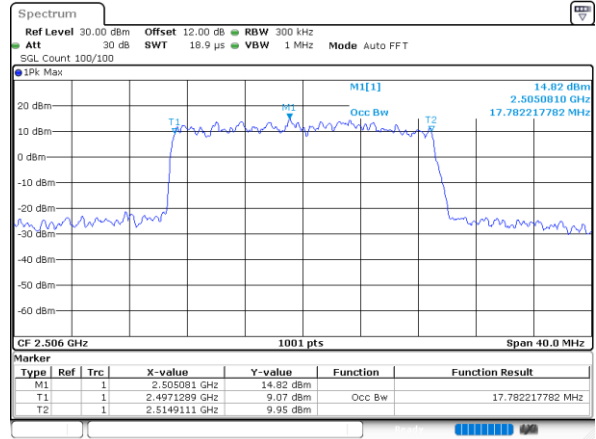


LTE Band 41

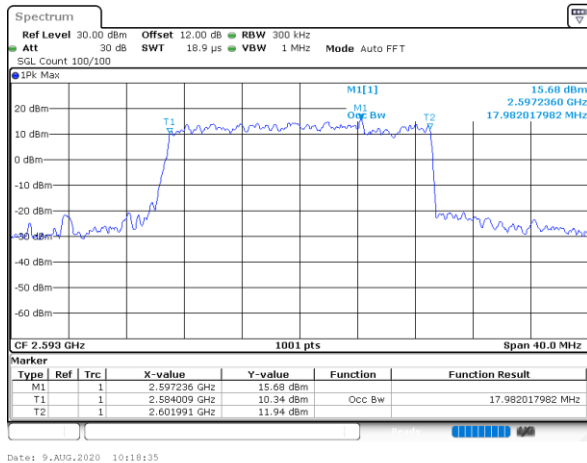
Lowest Channel / 20MHz / QPSK



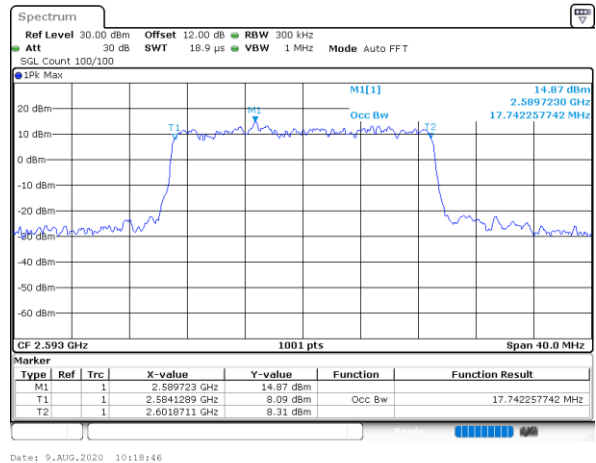
Lowest Channel / 20MHz / 16QAM



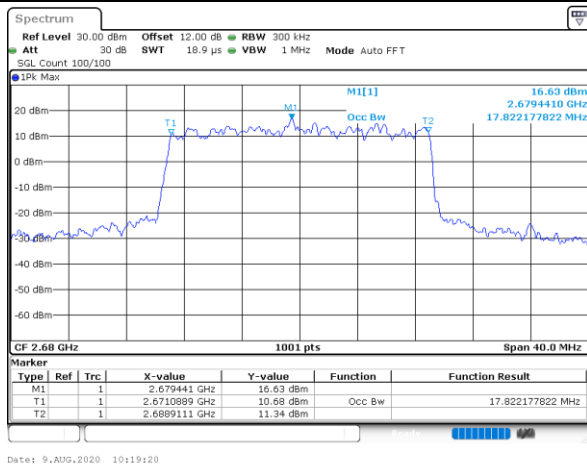
Middle Channel / 20MHz / QPSK



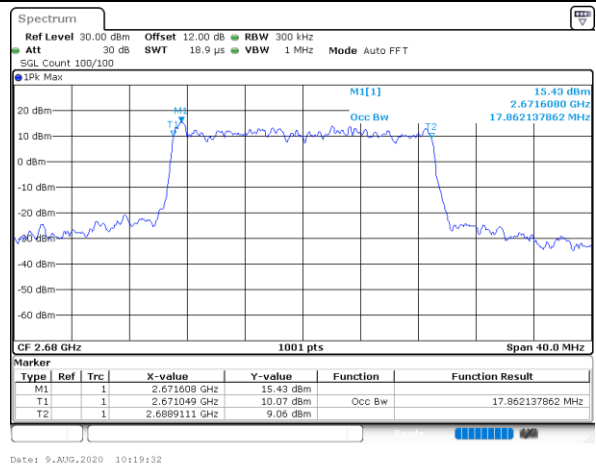
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



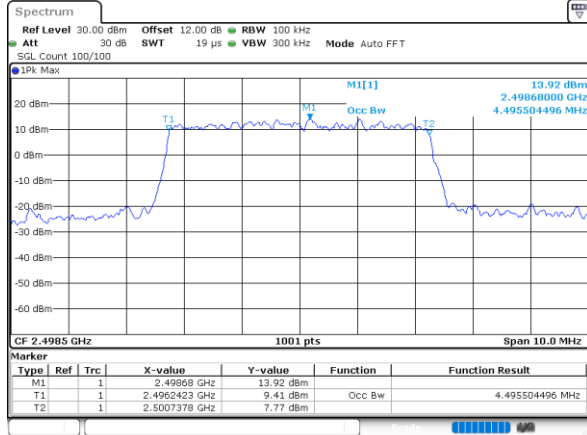
Highest Channel / 20MHz / 16QAM



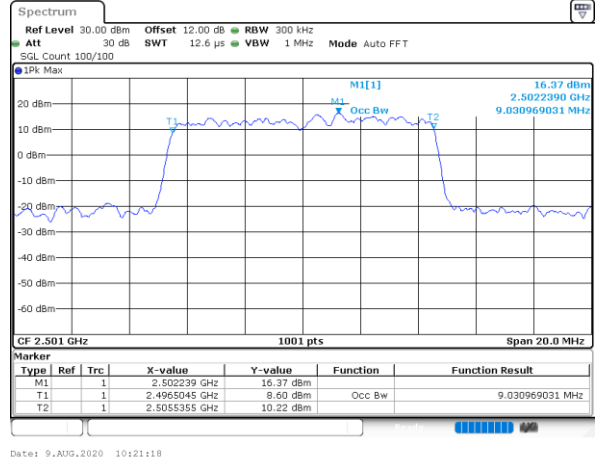


LTE Band 41

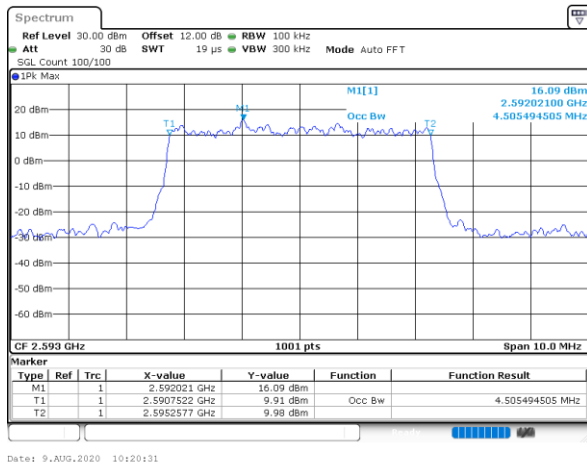
Lowest Channel / 5MHz / 64QAM



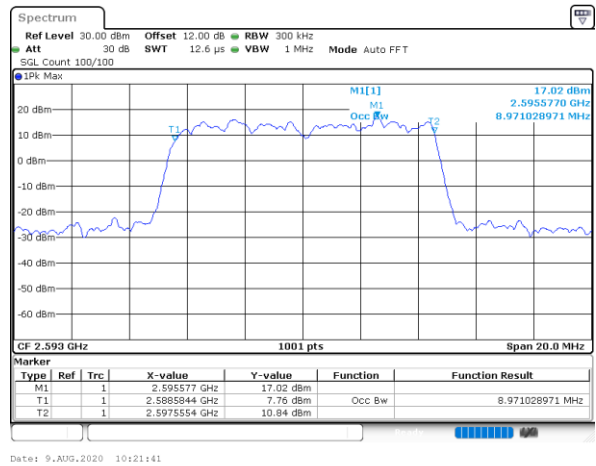
Lowest Channel / 10MHz / 64QAM



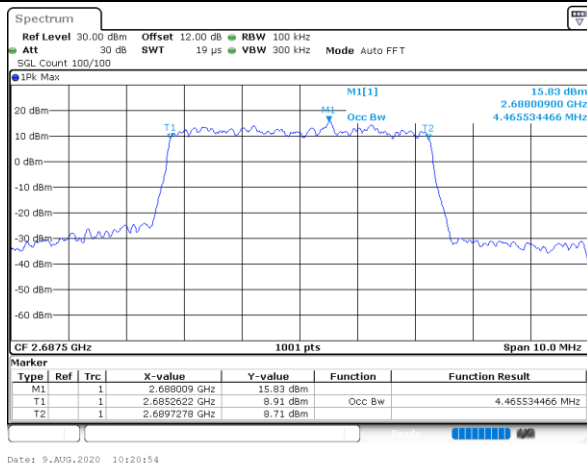
Middle Channel / 5MHz / 64QAM



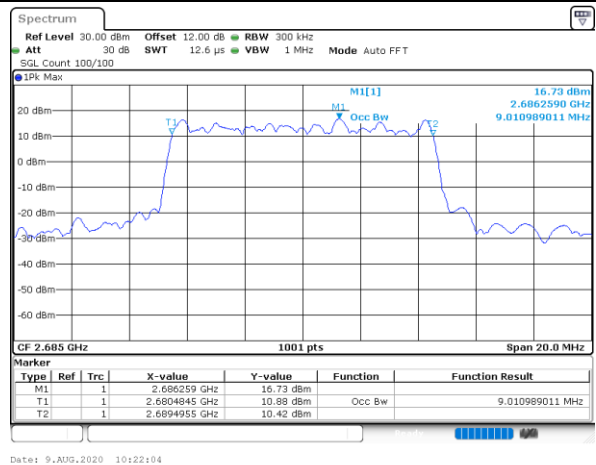
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



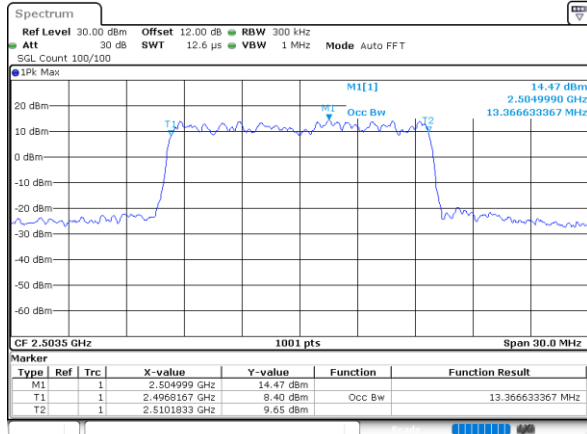
Highest Channel / 10MHz / 64QAM



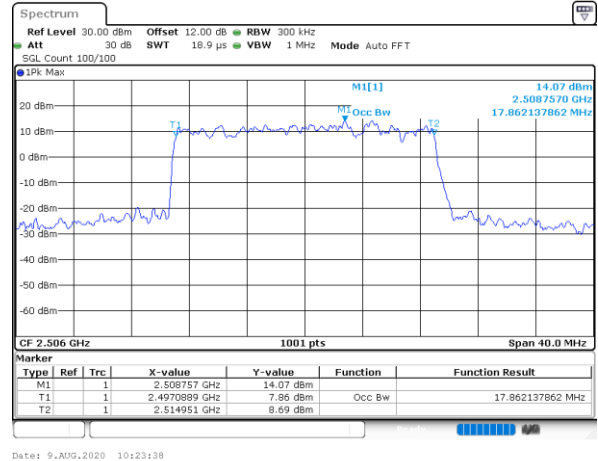


LTE Band 41

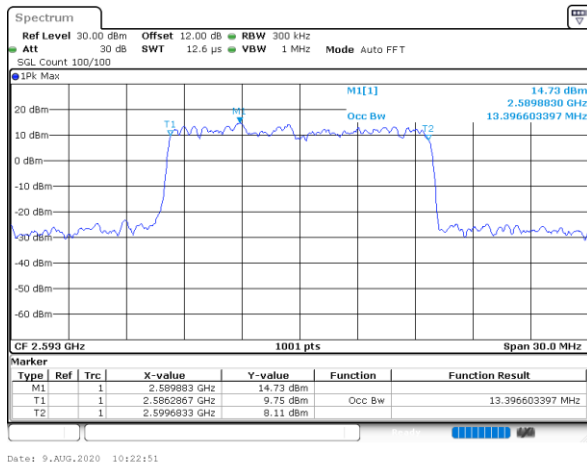
Lowest Channel / 15MHz / 64QAM



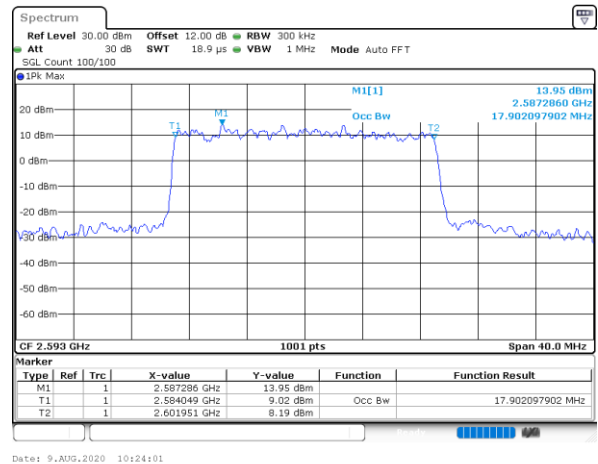
Lowest Channel / 20MHz / 64QAM



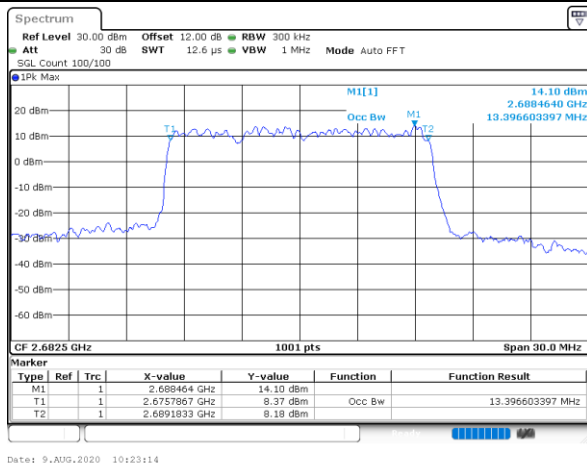
Middle Channel / 15MHz / 64QAM



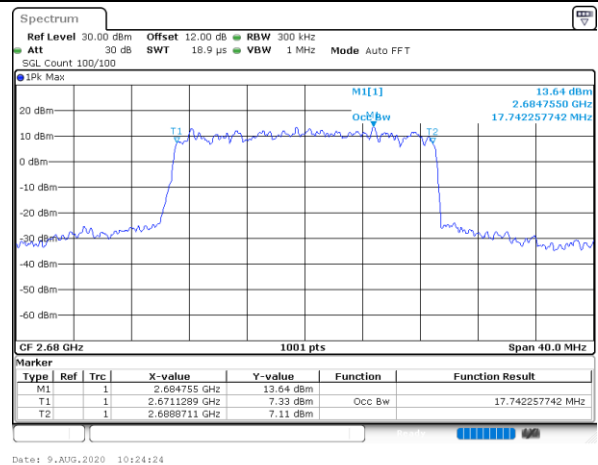
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



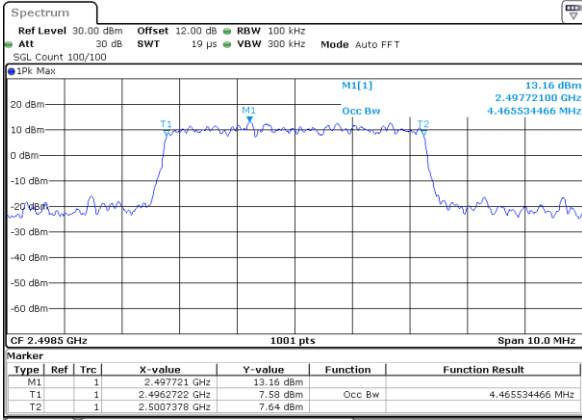
Highest Channel / 20MHz / 64QAM





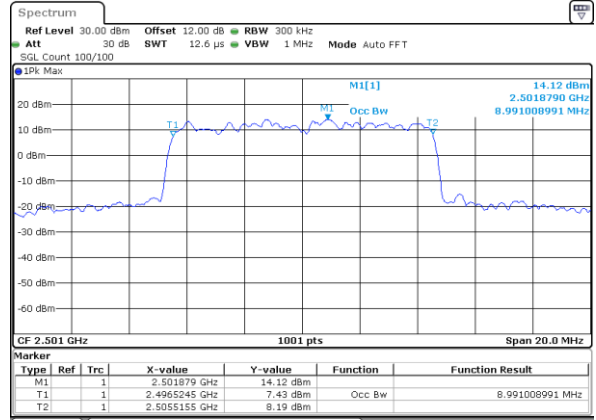
LTE Band 41

Lowest Channel / 5MHz / 256QAM



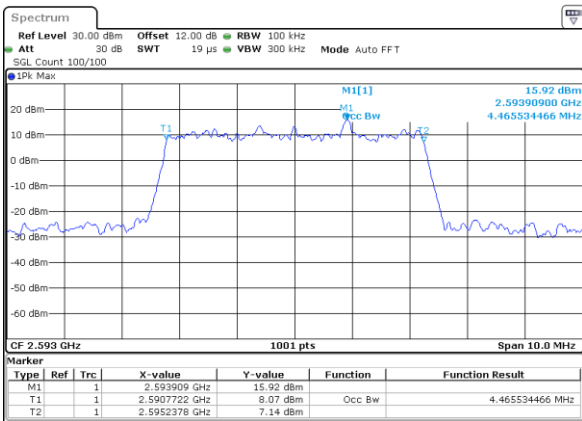
Date: 9.AUG.2020 10:47:00

Lowest Channel / 10MHz / 256QAM



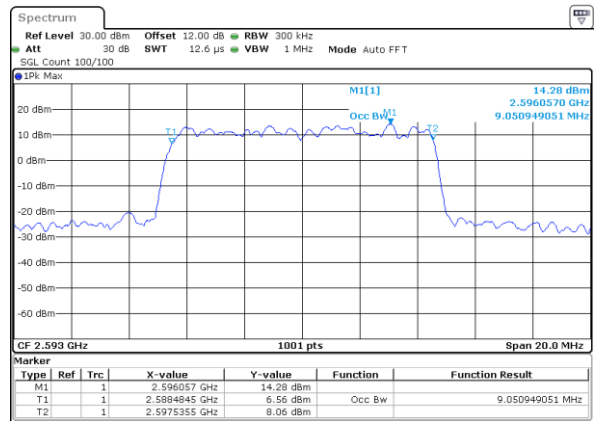
Date: 9.AUG.2020 10:58:46

Middle Channel / 5MHz / 256QAM



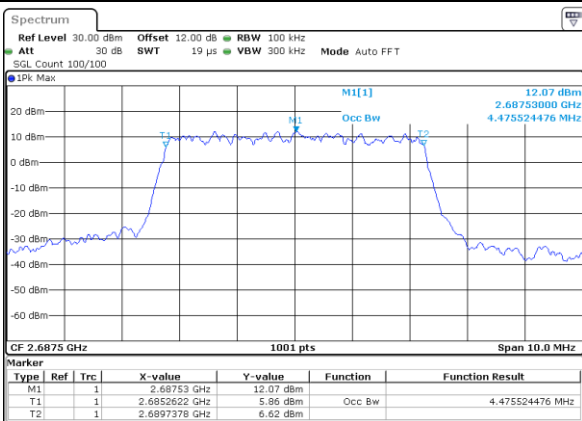
Date: 9.AUG.2020 10:48:24

Middle Channel / 10MHz / 256QAM



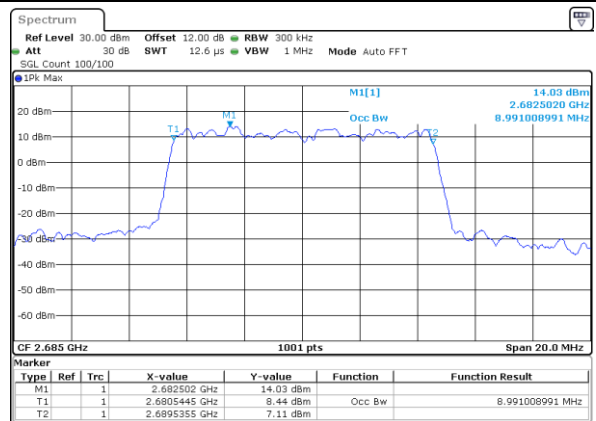
Date: 9.AUG.2020 10:54:41

Highest Channel / 5MHz / 256QAM



Date: 9.AUG.2020 10:51:04

Highest Channel / 10MHz / 256QAM

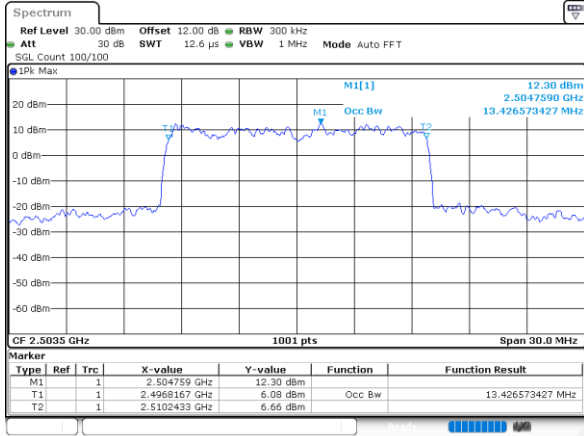


Date: 9.AUG.2020 10:59:34

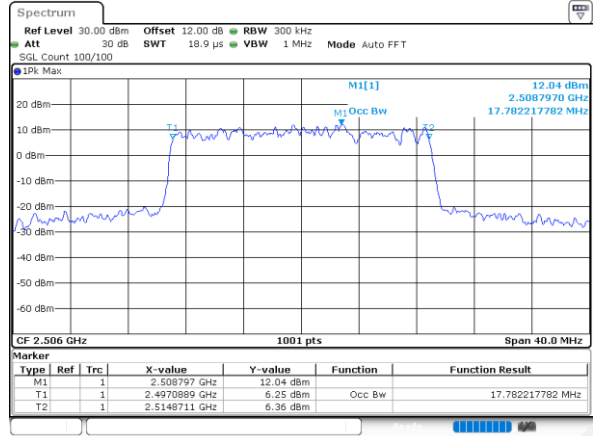


LTE Band 41

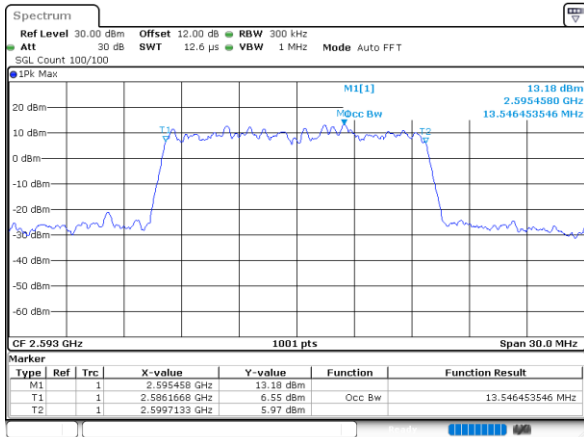
Lowest Channel / 15MHz / 256QAM



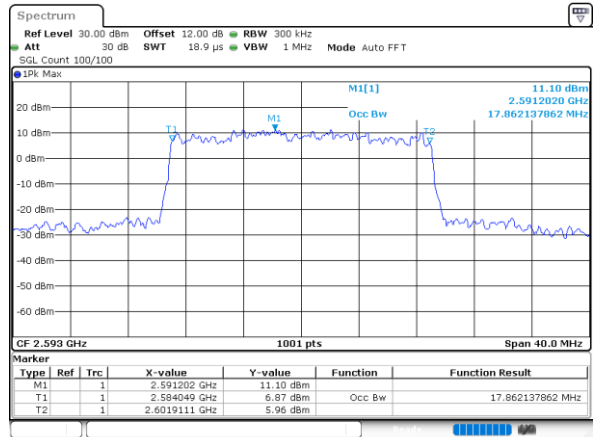
Lowest Channel / 20MHz / 256QAM



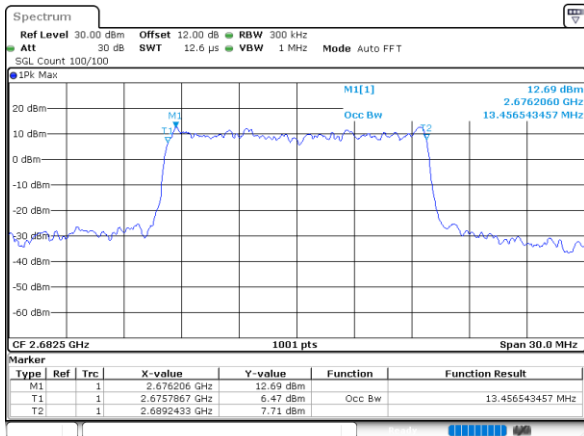
Middle Channel / 15MHz / 256QAM



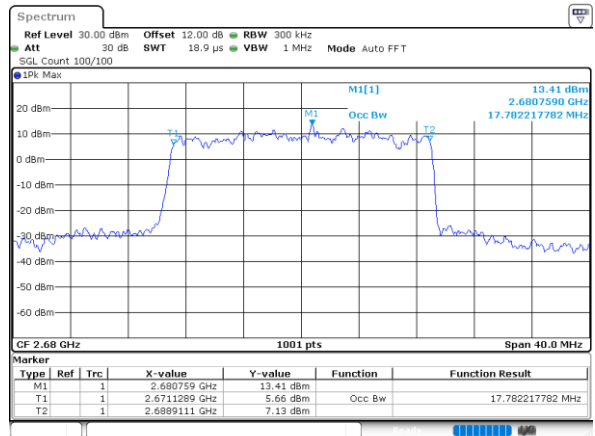
Middle Channel / 20MHz / 256QAM

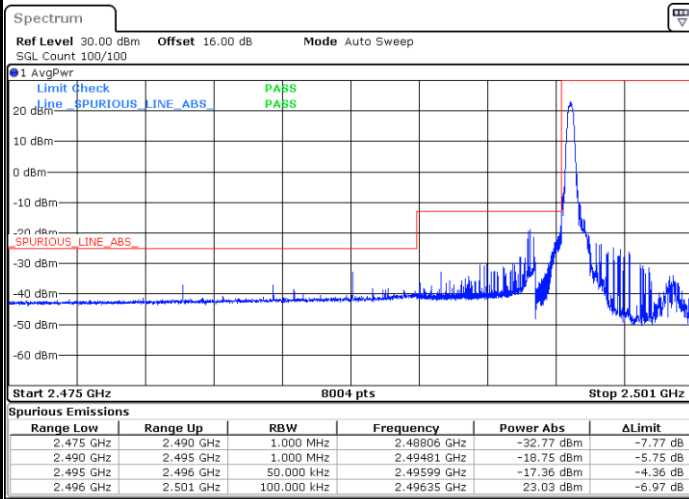
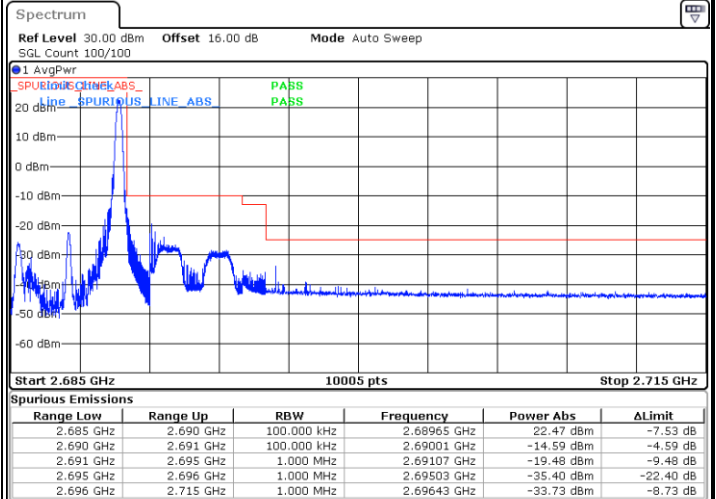
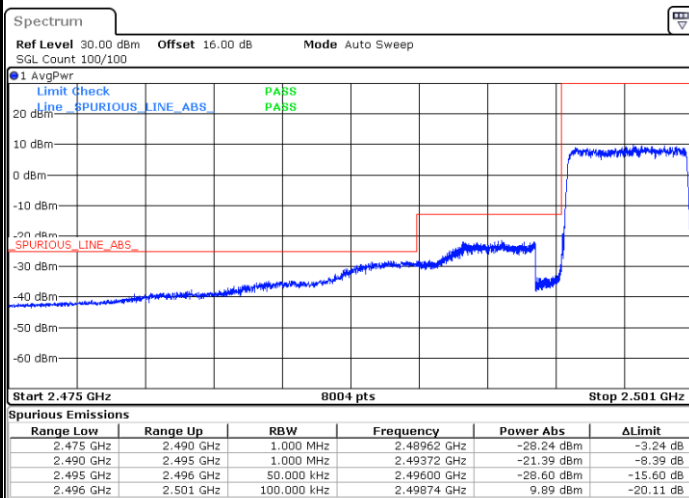
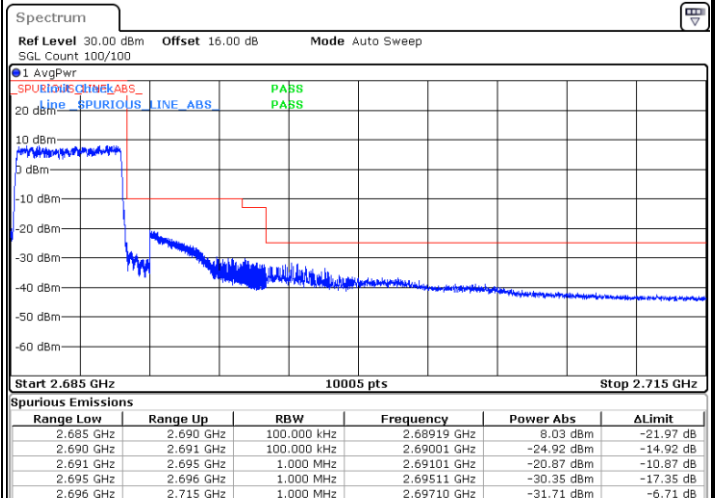


Highest Channel / 15MHz / 256QAM



Highest Channel / 20MHz / 256QAM

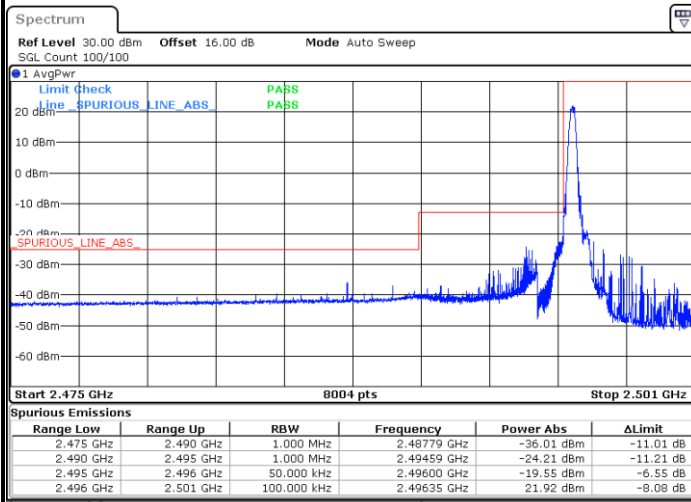


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 41 / 5MHz / 16QAM

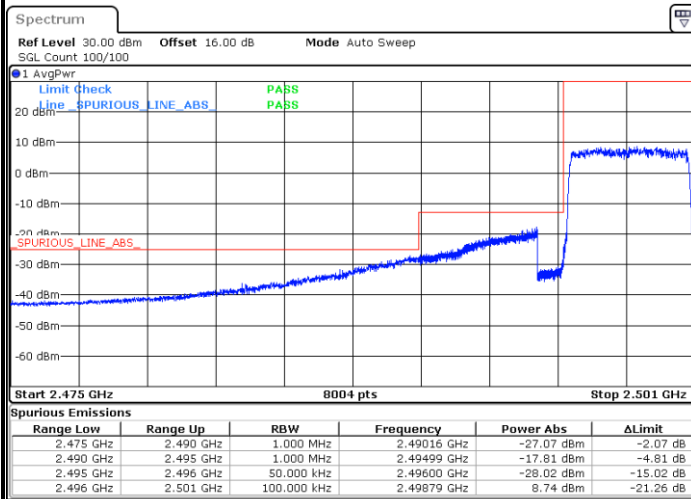
Lowest Band Edge / 1RB



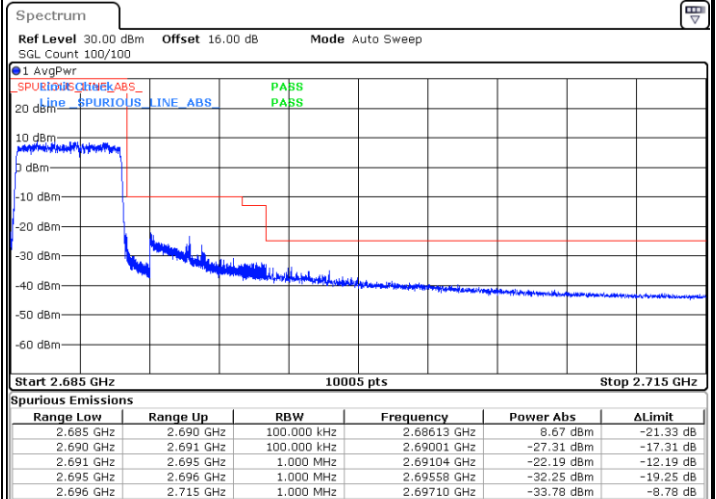
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



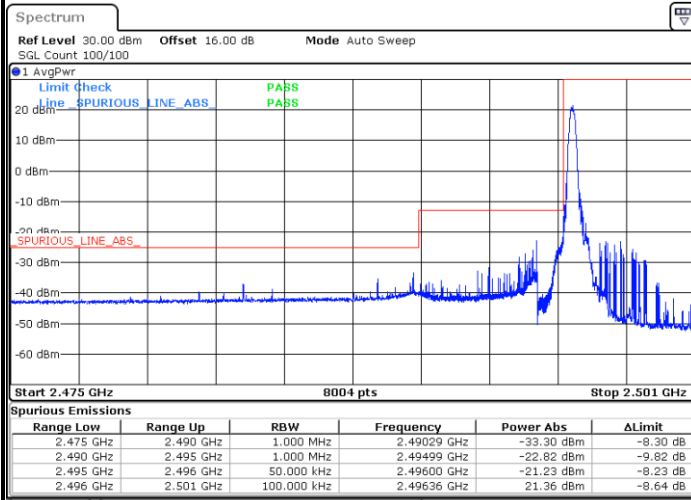
Highest Band Edge / Full RB



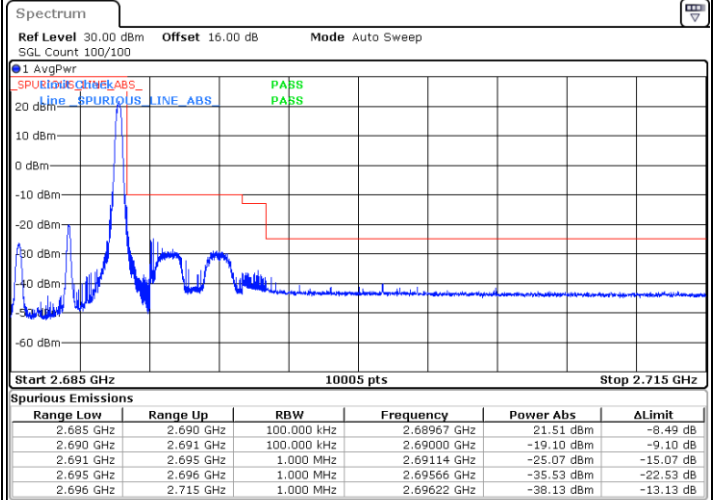


LTE Band 41 / 5MHz / 64QAM

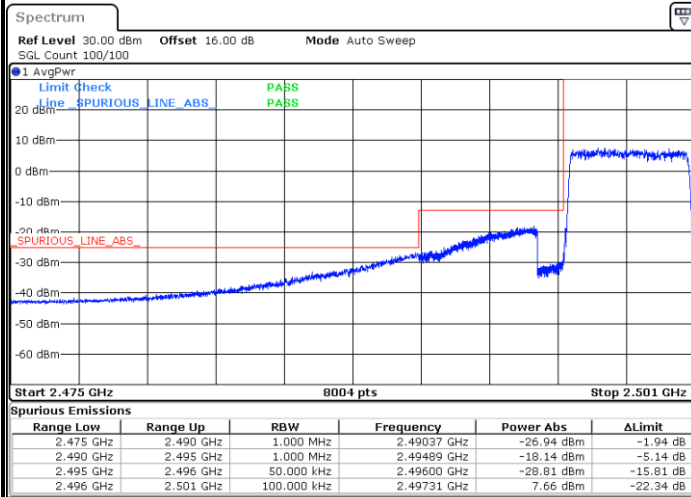
Lowest Band Edge / 1RB



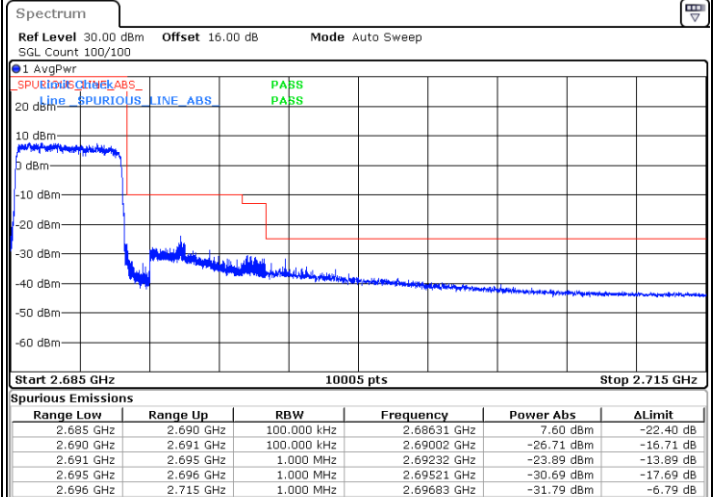
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



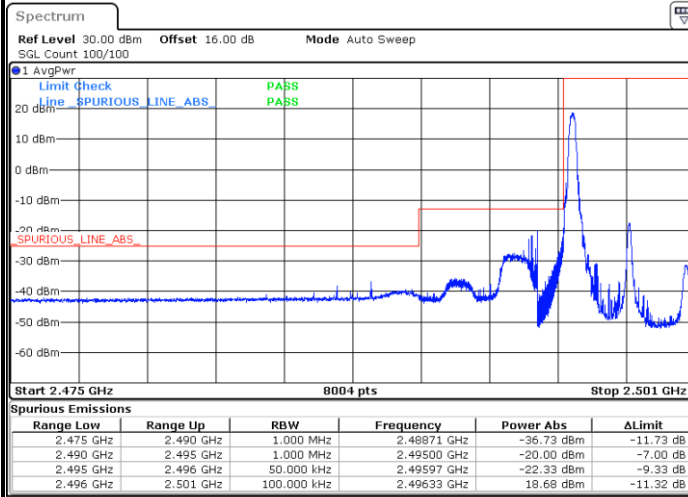
Highest Band Edge / Full RB



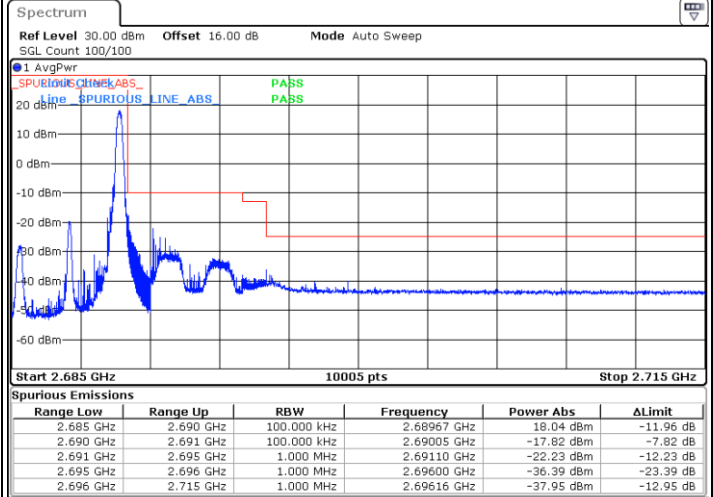


LTE Band 41 / 5MHz / 256QAM

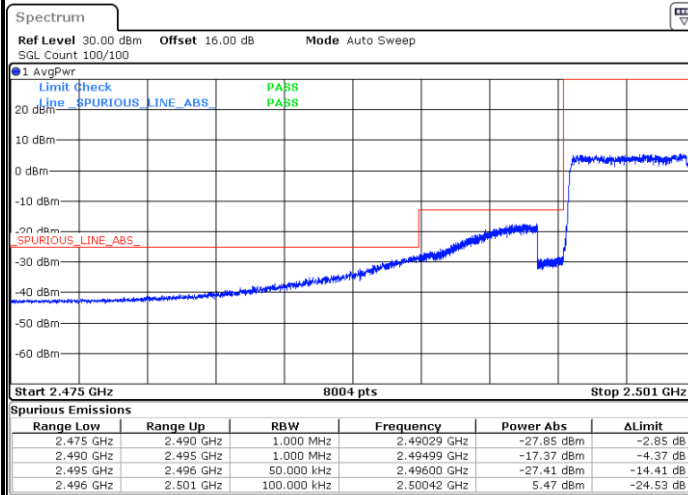
Lowest Band Edge / 1RB



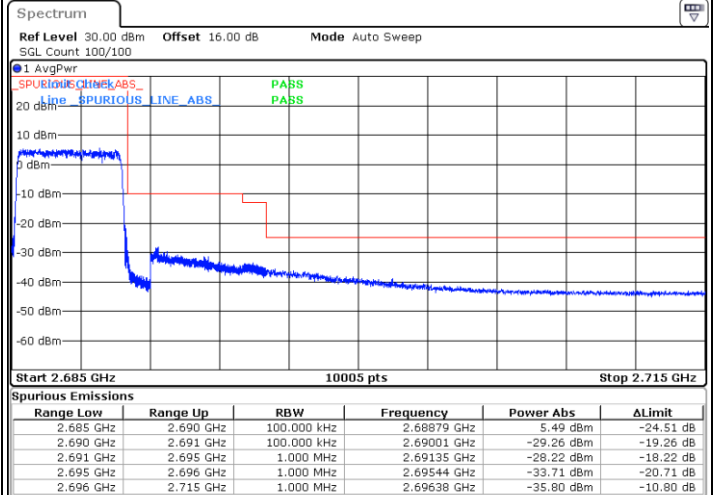
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



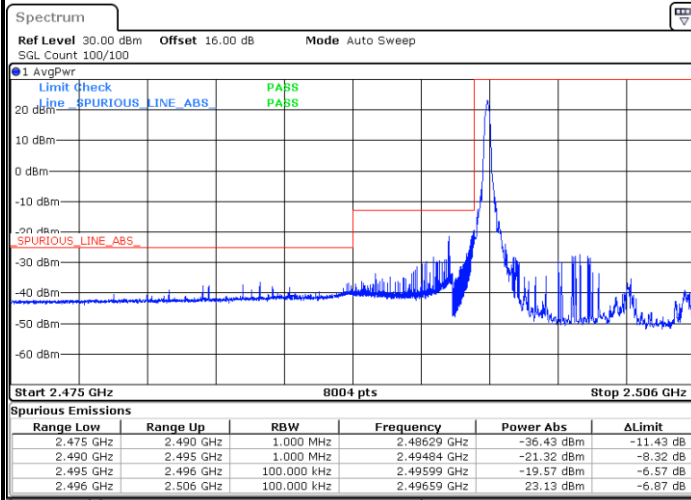
Highest Band Edge / Full RB





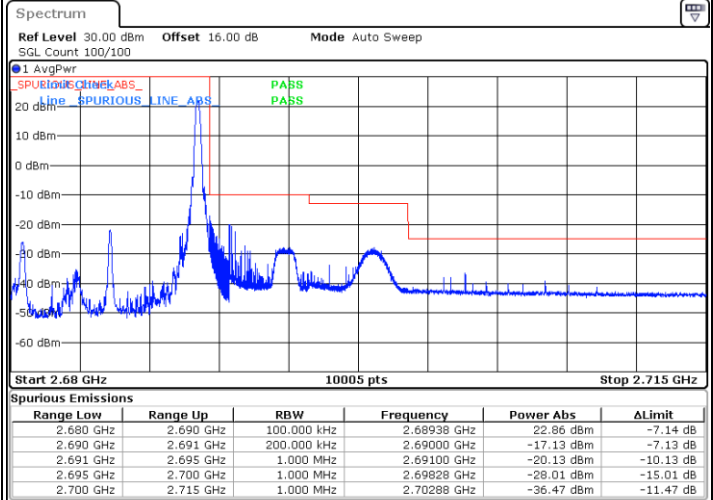
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 9.AUG.2020 09:15:06

Highest Band Edge / 1 RB



Date: 9.AUG.2020 09:17:46

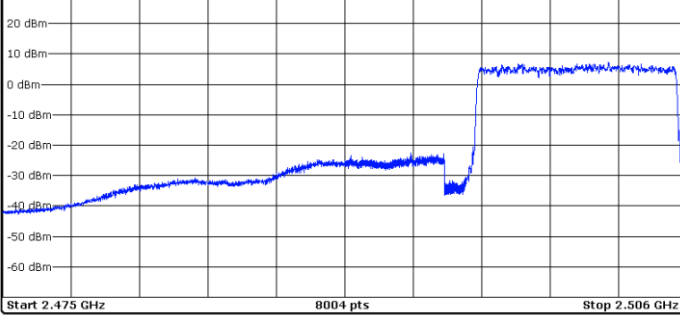


Lowest Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-24.75 dBm	-200.00 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49349 GHz	-22.53 dBm	-200.00 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-30.61 dBm	-200.00 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.50244 GHz	7.25 dBm	-200.00 dB

Ready

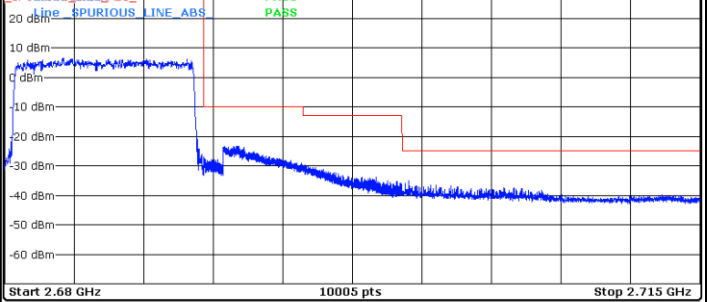
Date: 28.AUG.2020 08:57:28

Highest Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68295 GHz	6.52 dBm	-23.48 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69002 GHz	-27.10 dBm	-17.10 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69105 GHz	-23.29 dBm	-13.29 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69513 GHz	-29.61 dBm	-16.61 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70033 GHz	-35.10 dBm	-10.10 dB

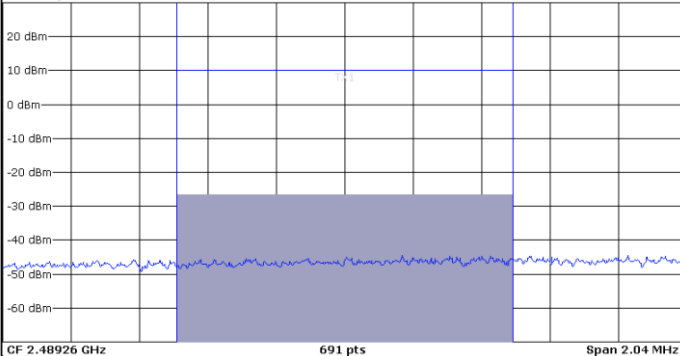
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Channel Power -26.73dBm < -25dBm (Pass)

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB RBW 10 kHz
Att 30 dB SWT 100 ms VBW 30 kHz Mode Sweep
SGL Count 100/100

1Rm AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.48926 GHz	2.504 MHz	1.000 MHz	2.49673 GHz	-26.73 dBm	-25.00 dB

Channel Power
Bandwidth 1.00 MHz Power -26.73 dBm Tx Total -26.73 dBm

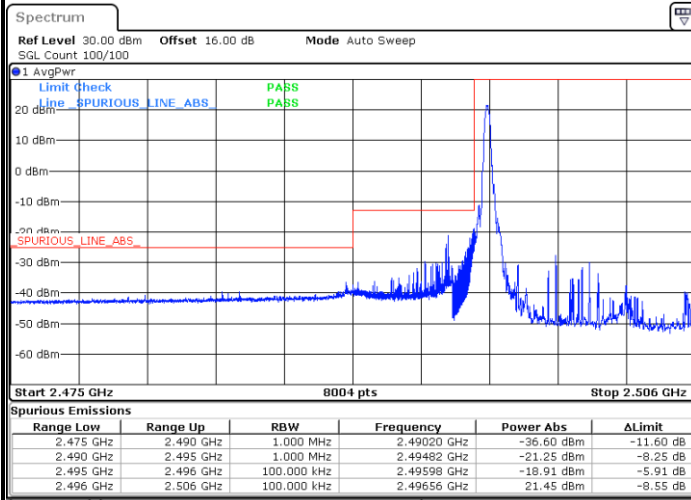
Ready

Date: 28.AUG.2020 09:02:28

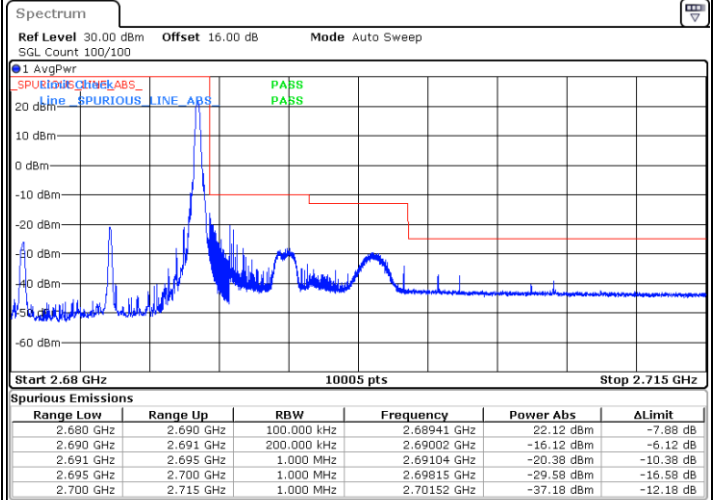


LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



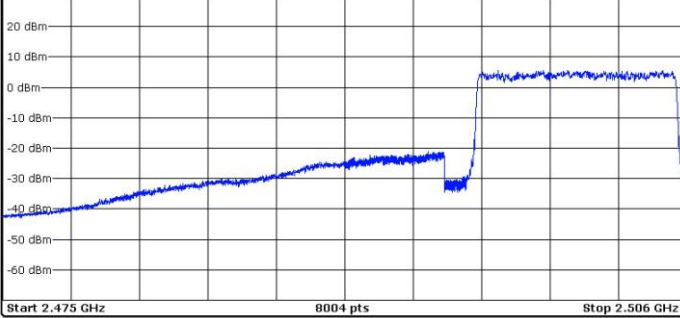


Lowest Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48962 GHz	-24.46 dBm	-200.00 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49427 GHz	-21.18 dBm	-200.00 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49593 GHz	-29.29 dBm	-200.00 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.50060 GHz	5.64 dBm	-200.00 dB

Ready

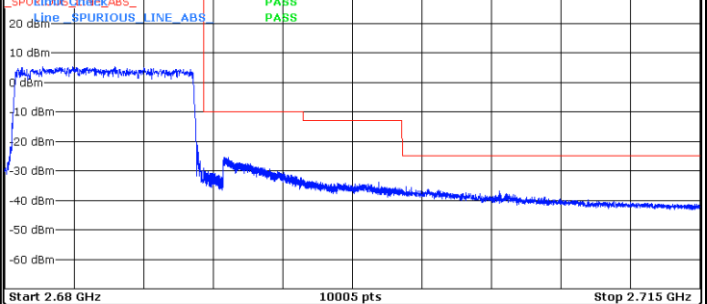
Date: 28.AUG.2020 08:32:07

Highest Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68555 GHz	5.37 dBm	-24.63 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69001 GHz	-29.04 dBm	-19.04 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69106 GHz	-25.56 dBm	-15.56 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69501 GHz	-32.95 dBm	-19.95 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70018 GHz	-35.41 dBm	-10.41 dB

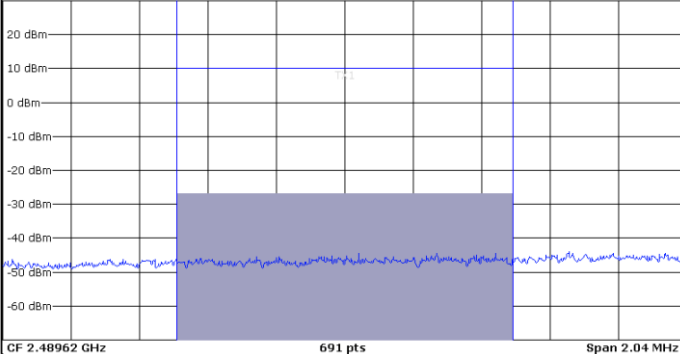
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Channel Power -26.99dBm < -25dBm (Pass)

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB RBW 10 kHz
Att 30 dB SWT 100 ms VBW 30 kHz Mode Sweep
SGL Count 100/100

1Rm AvgPwr



Channel Power
Bandwidth 1.00 MHz Power -26.99 dBm Tx Total -26.99 dBm

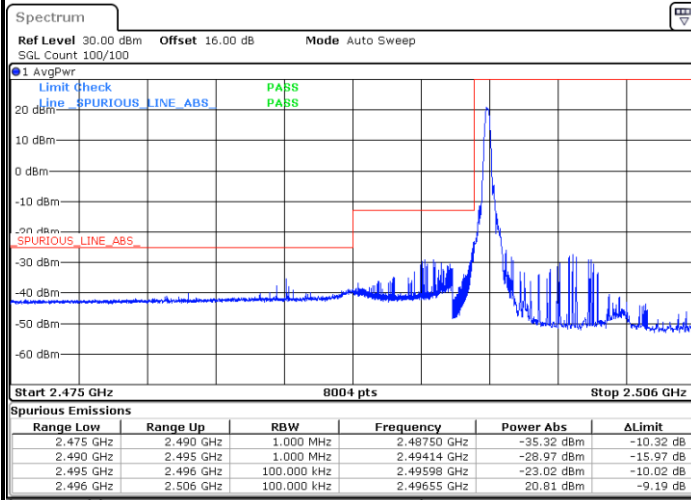
Ready

Date: 28.AUG.2020 09:03:12

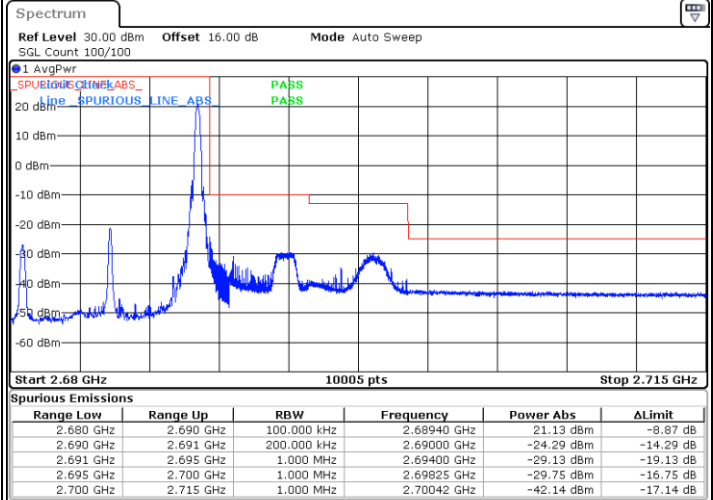


LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



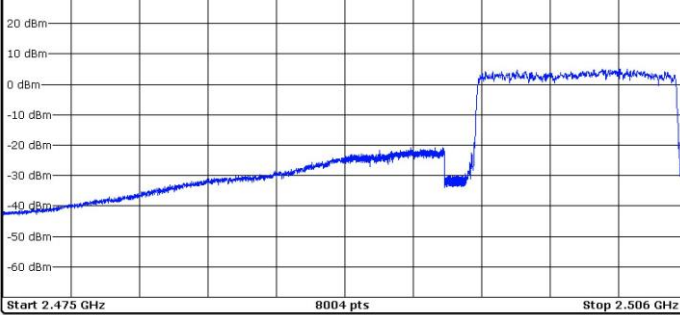


Lowest Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48995 GHz	-24.17 dBm	-200.00 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-20.90 dBm	-200.00 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49597 GHz	-29.25 dBm	-200.00 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.50296 GHz	5.05 dBm	-200.00 dB

Ready

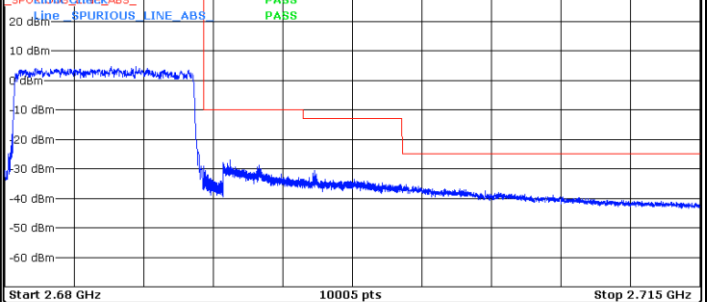
Date: 28.AUG.2020 08:32:33

Highest Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68534 GHz	4.61 dBm	-25.39 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69003 GHz	-29.13 dBm	-19.13 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69135 GHz	-26.99 dBm	-16.99 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69559 GHz	-30.45 dBm	-17.45 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70022 GHz	-35.36 dBm	-10.36 dB

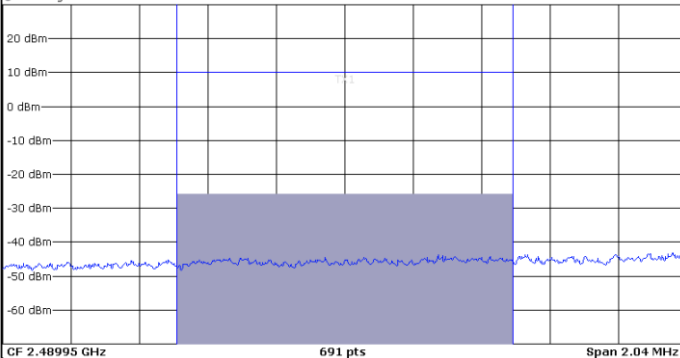
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Channel Power -25.97dBm < -25dBm (Pass)

Spectrum

Ref Level 30.00 dBm Offset 16.00 dB RBW 10 kHz
Att 30 dB SWT 100 ms VBW 30 kHz Mode Sweep
SGL Count 100/100

1Rm AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.48995 GHz	2.504 MHz	10.000 kHz	2.49700 GHz	-25.97 dBm	-25.00 dB

Channel Power
Bandwidth 1.00 MHz Power -25.97 dBm Tx Total -25.97 dBm

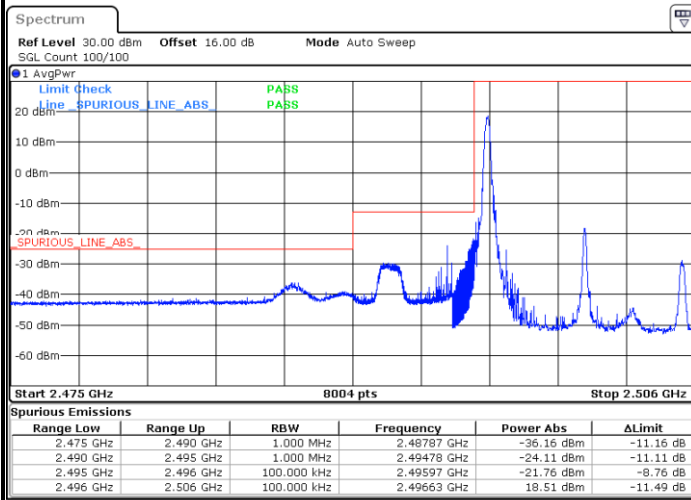
Ready

Date: 28.AUG.2020 09:03:48

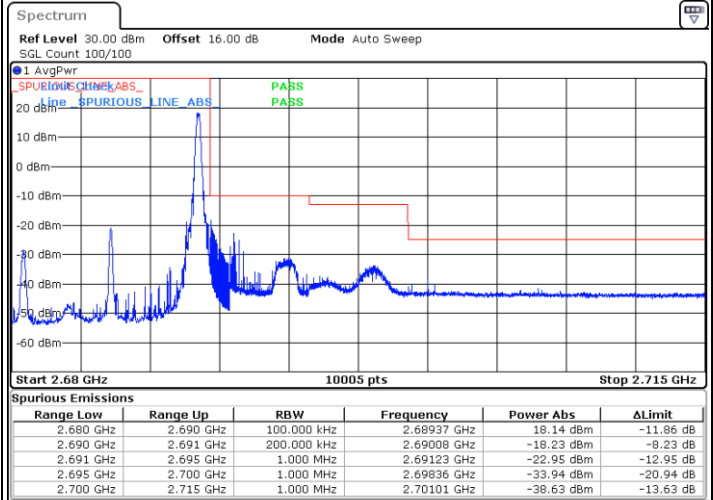


LTE Band 41 / 10MHz / 256QAM

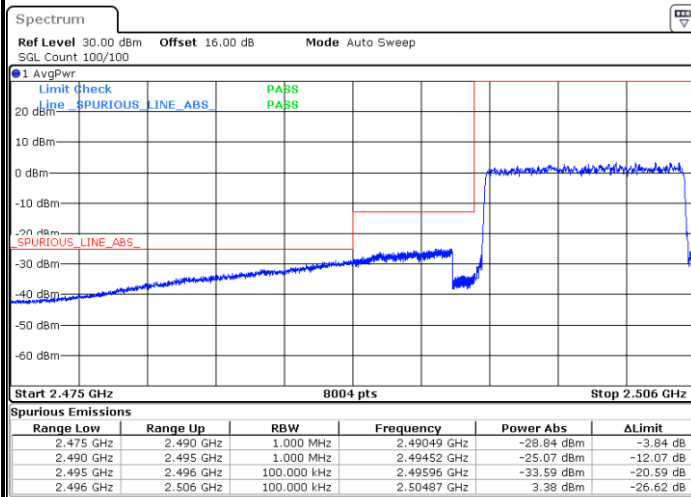
Lowest Band Edge / 1RB



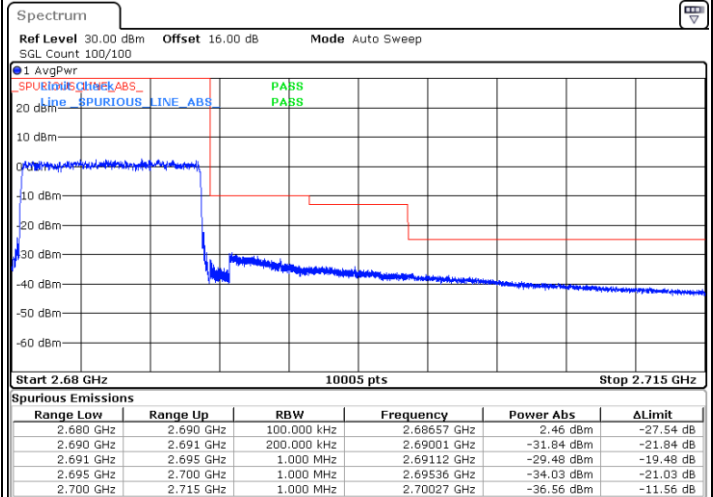
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



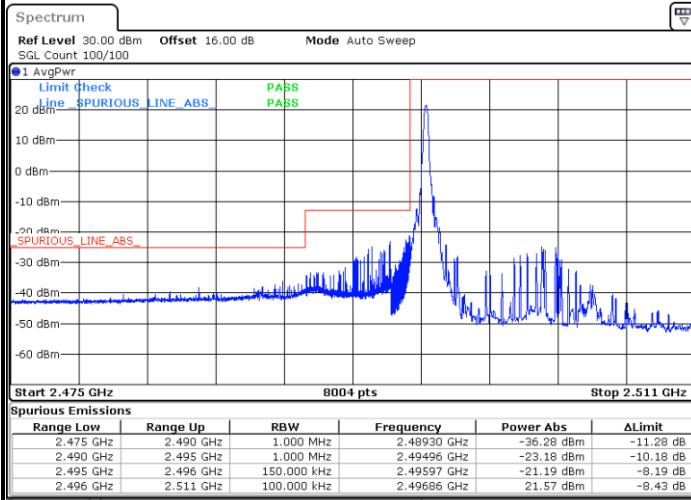
Highest Band Edge / Full RB



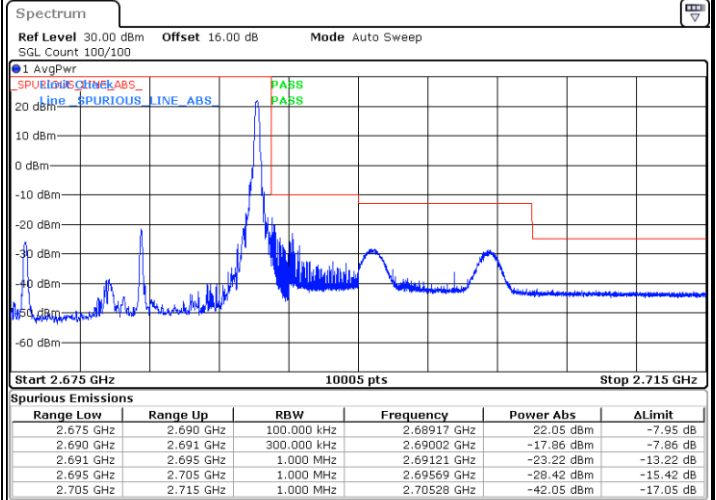


LTE Band 41 / 15MHz / QPSK

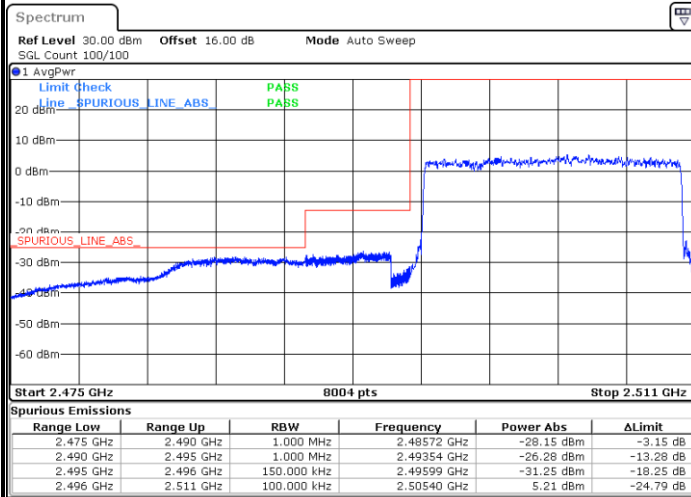
Lowest Band Edge / 1 RB



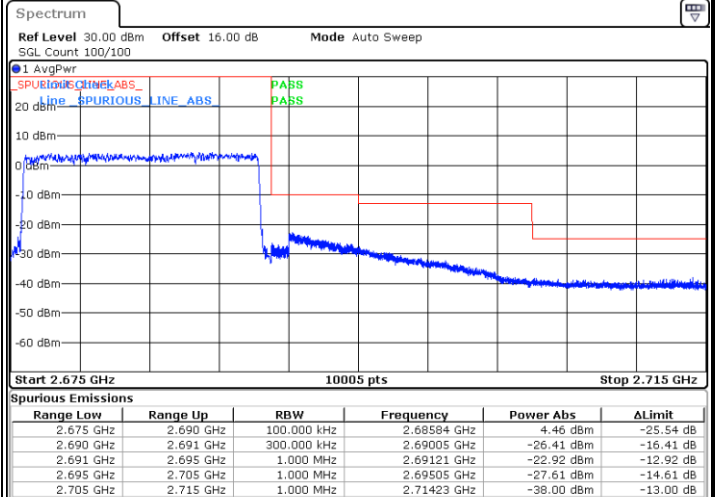
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



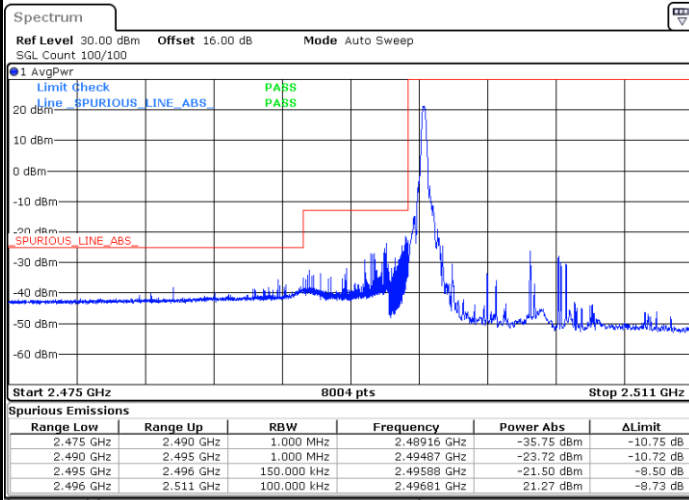
Highest Band Edge / Full RB



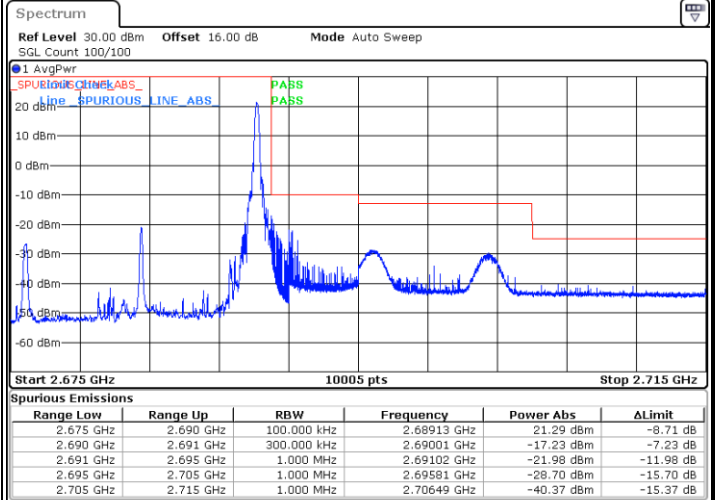


LTE Band 41 / 15MHz / 16QAM

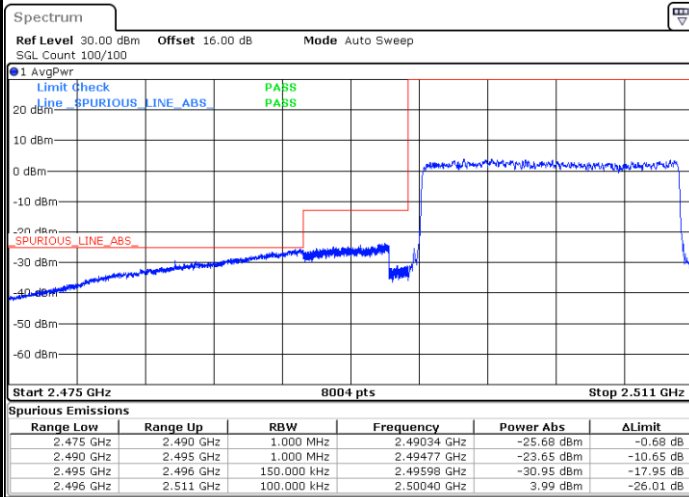
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

