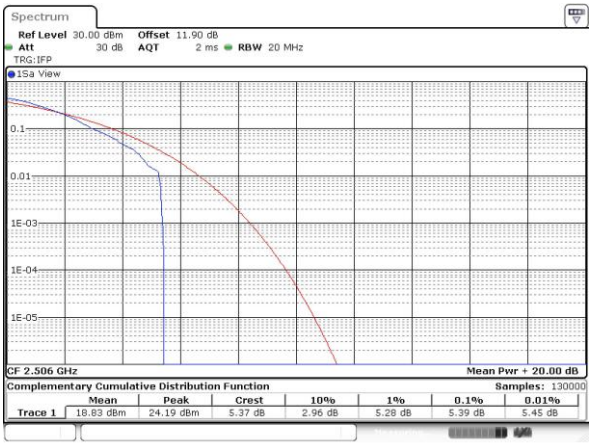
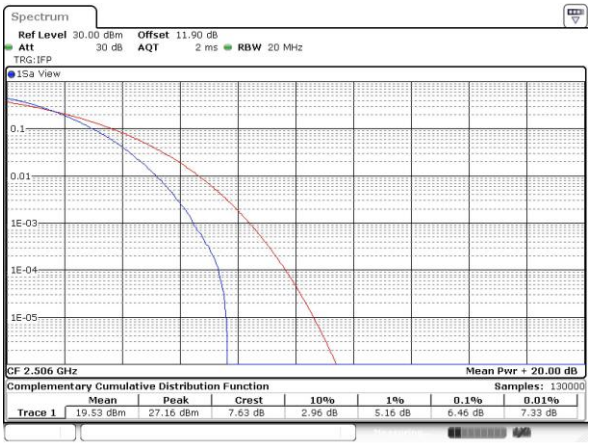
LTE Band 41 / 20MHz / 64QAM

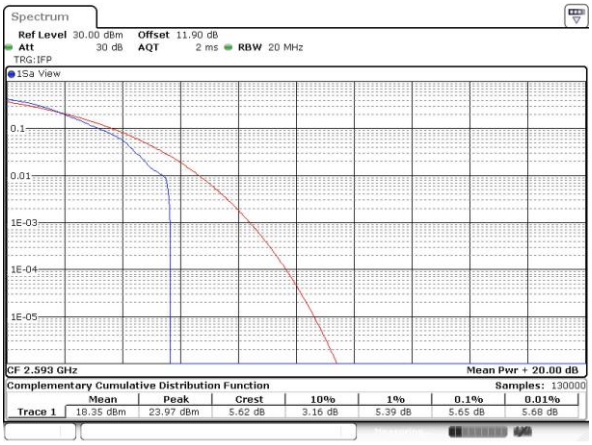
Lowest Channel / 1RB



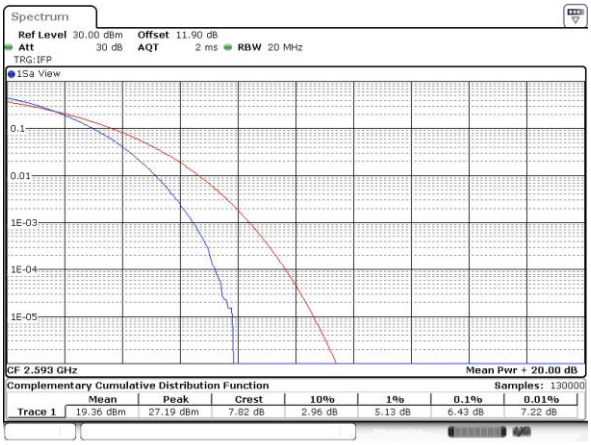
Lowest Channel / Full RB



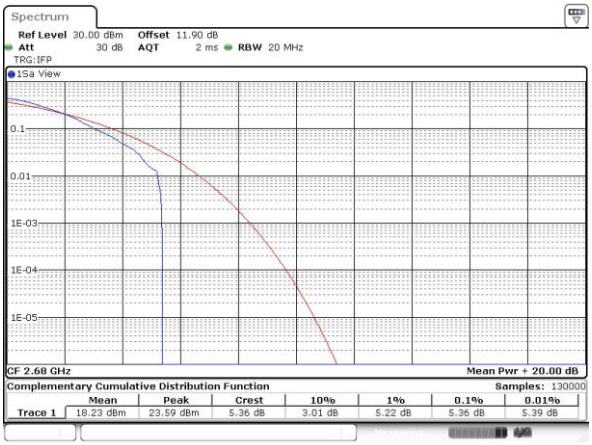
Middle Channel / 1RB



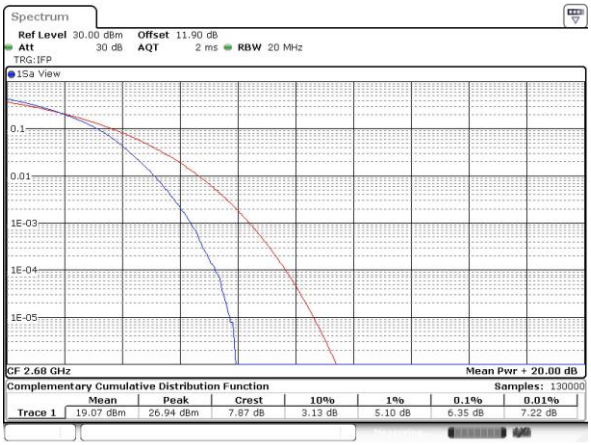
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

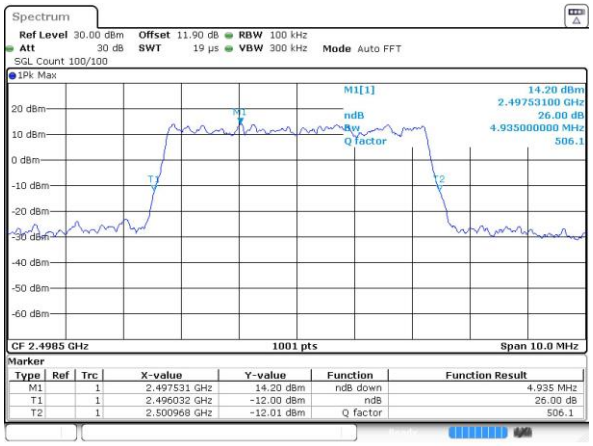


26dB Bandwidth

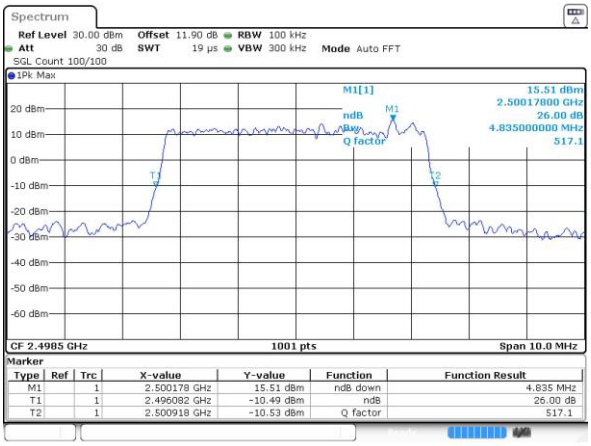
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.94	4.84	9.73	9.75	14.39	14.48	18.66	18.62
Middle CH	-	-	-	-	4.83	4.90	9.65	9.77	14.39	14.18	18.78	18.90
Highest CH	-	-	-	-	4.83	4.87	9.71	9.61	14.09	14.24	18.70	19.26
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.89	-	9.65	-	14.21	-	18.98	-
Middle CH	-	-	-	-	4.71	-	9.73	-	14.30	-	18.86	-
Highest CH	-	-	-	-	4.72	-	9.69	-	14.39	-	18.70	-

LTE Band 41

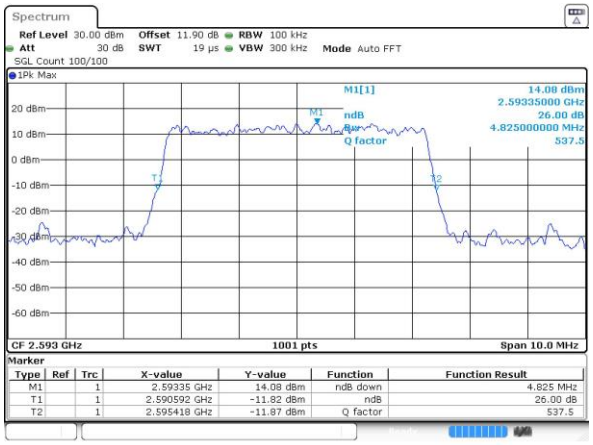
Lowest Channel / 5MHz / QPSK



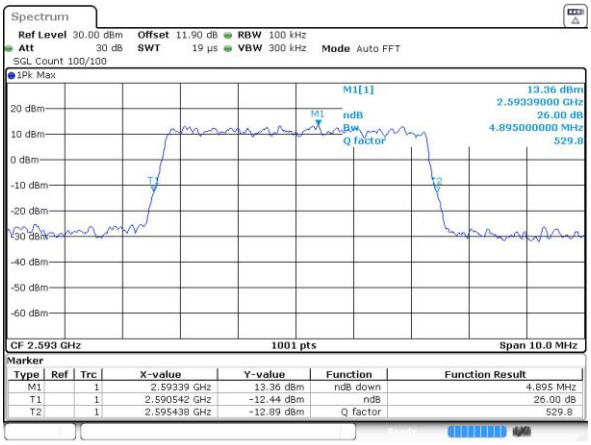
Lowest Channel / 5MHz / 16QAM



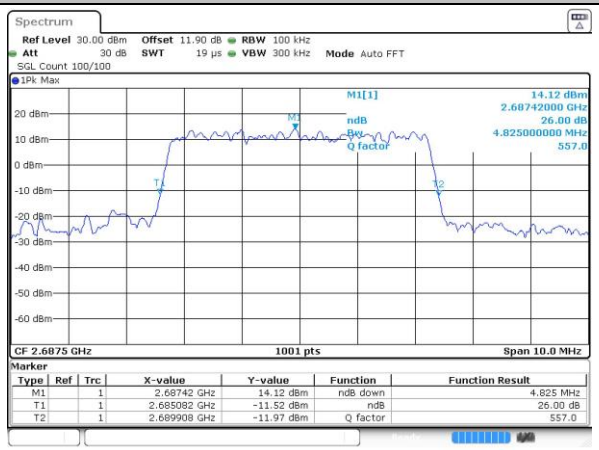
Middle Channel / 5MHz / QPSK



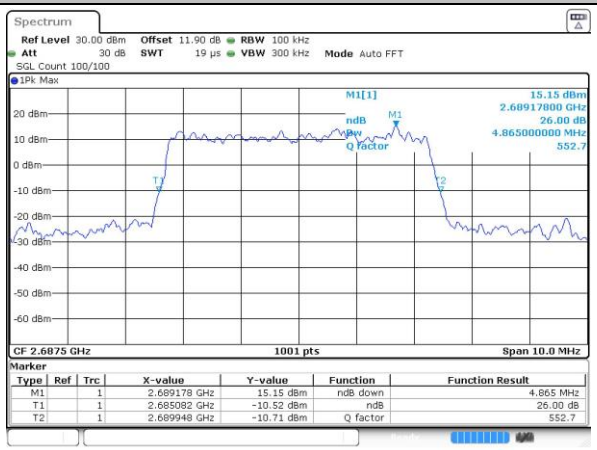
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

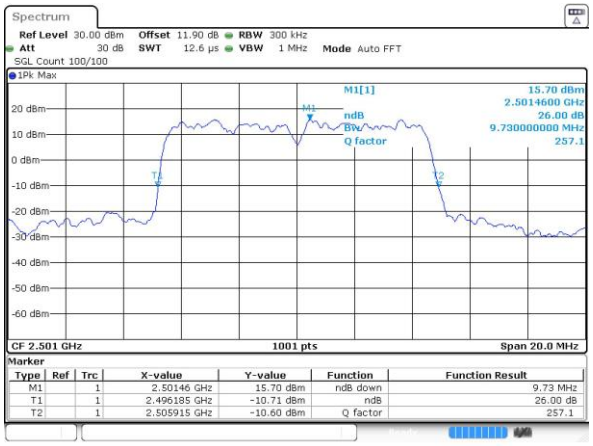


Highest Channel / 5MHz / 16QAM

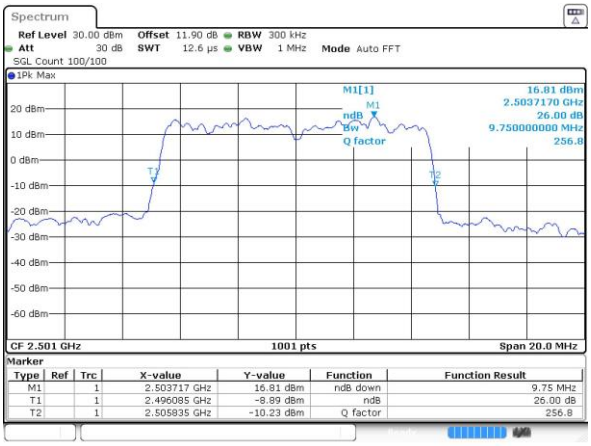


LTE Band 41

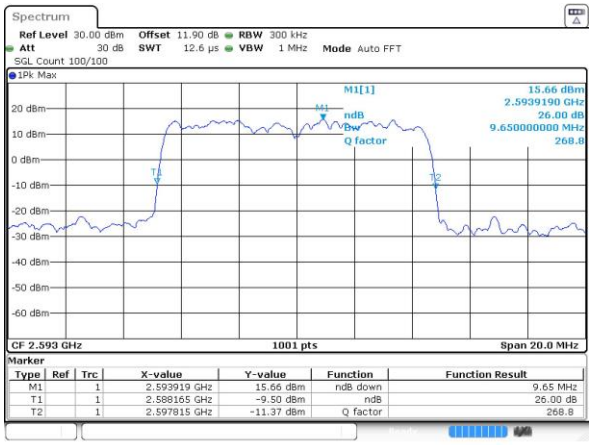
Lowest Channel / 10MHz / QPSK



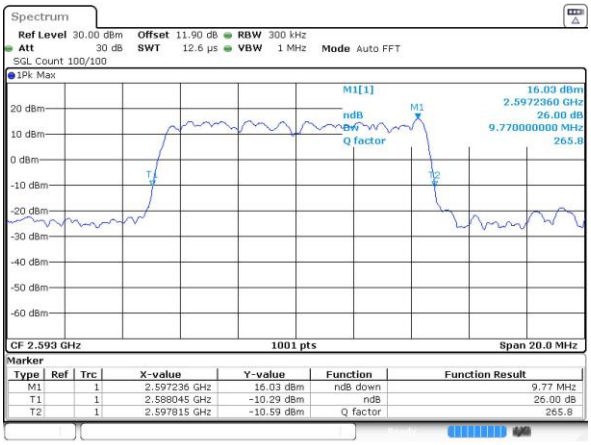
Lowest Channel / 10MHz / 16QAM



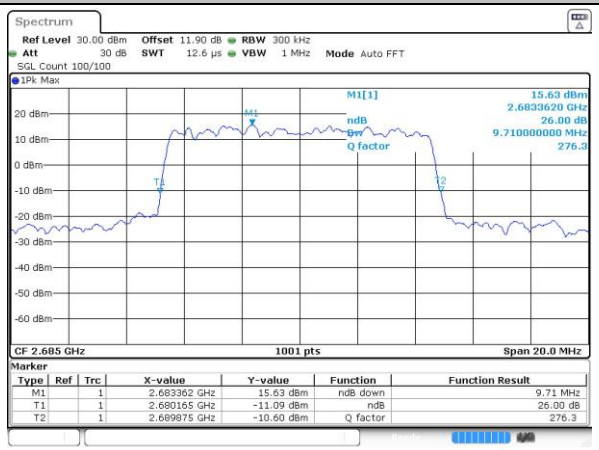
Middle Channel / 10MHz / QPSK



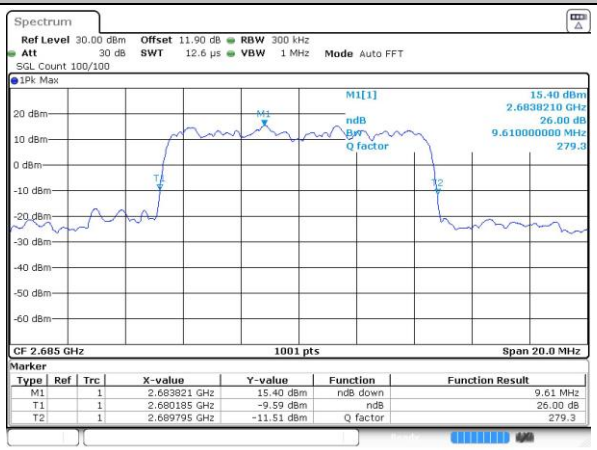
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

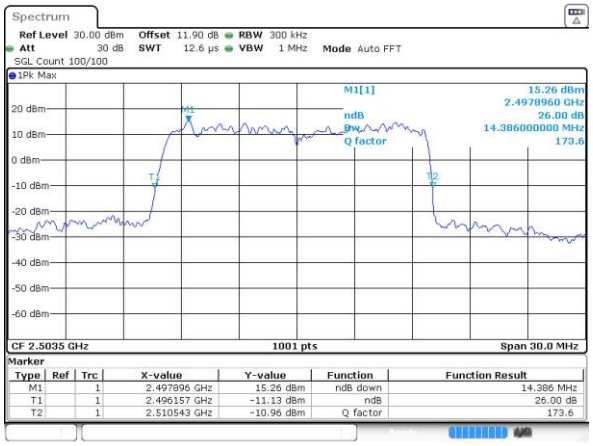


Highest Channel / 10MHz / 16QAM

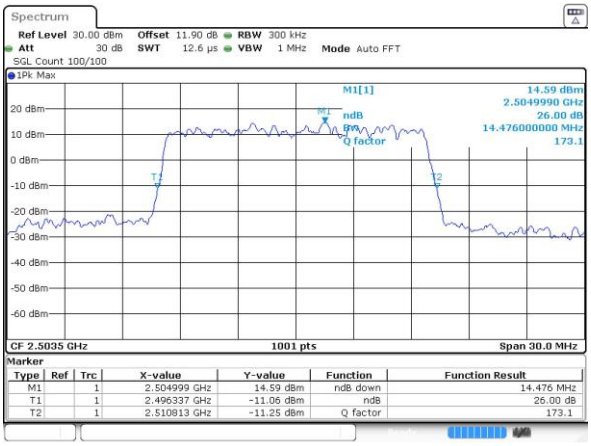


LTE Band 41

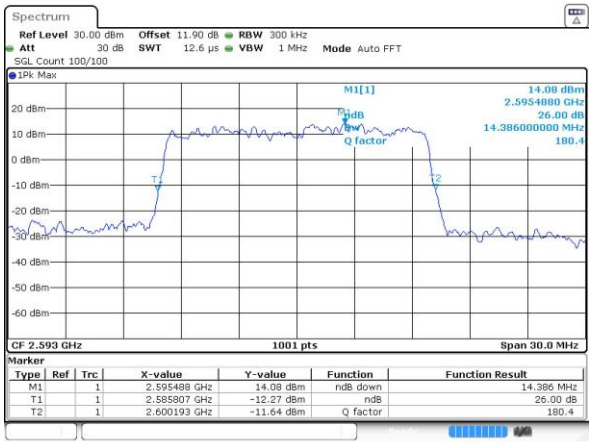
Lowest Channel / 15MHz / QPSK



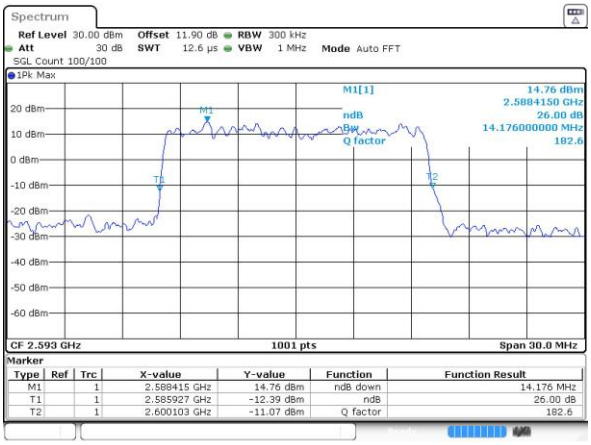
Lowest Channel / 15MHz / 16QAM



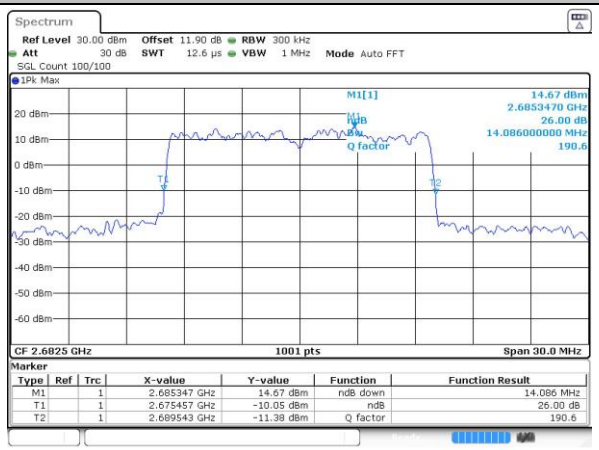
Middle Channel / 15MHz / QPSK



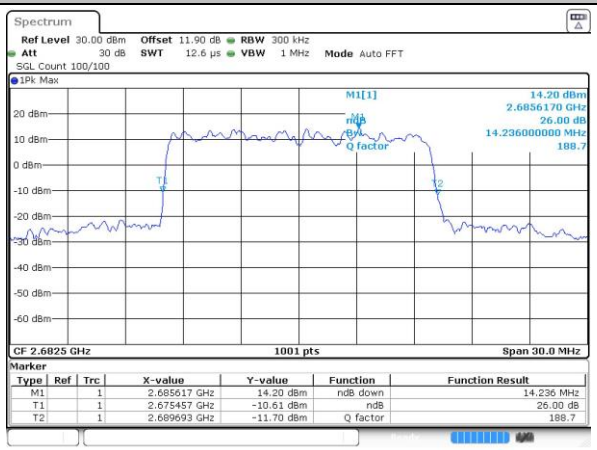
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

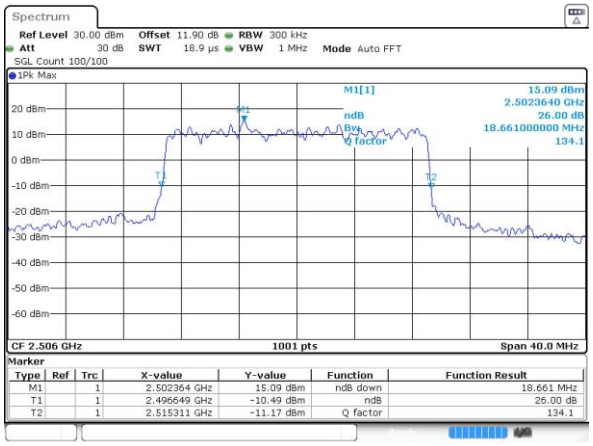


Highest Channel / 15MHz / 16QAM

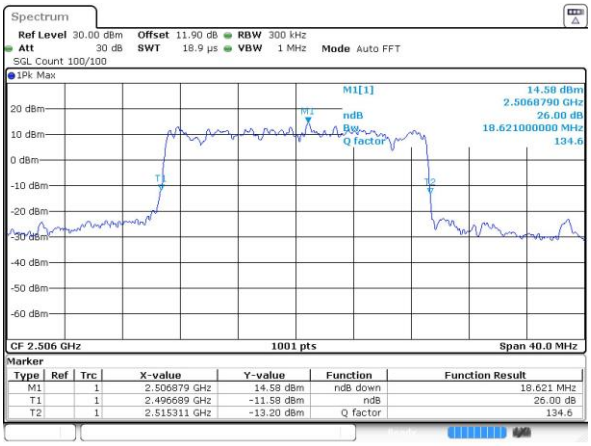


LTE Band 41

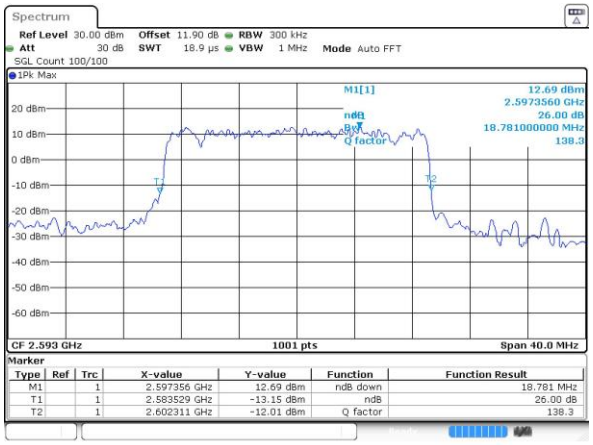
Lowest Channel / 20MHz / QPSK



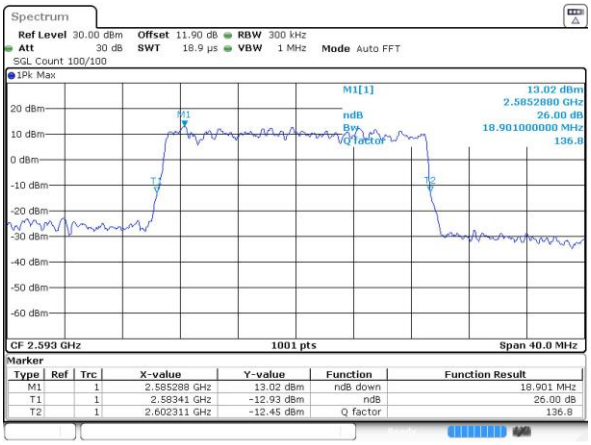
Lowest Channel / 20MHz / 16QAM



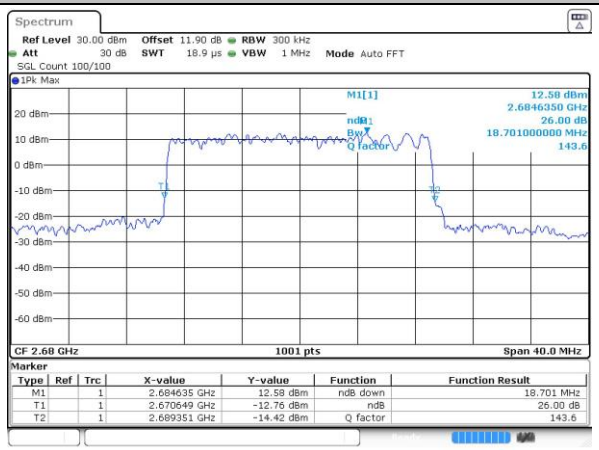
Middle Channel / 20MHz / QPSK



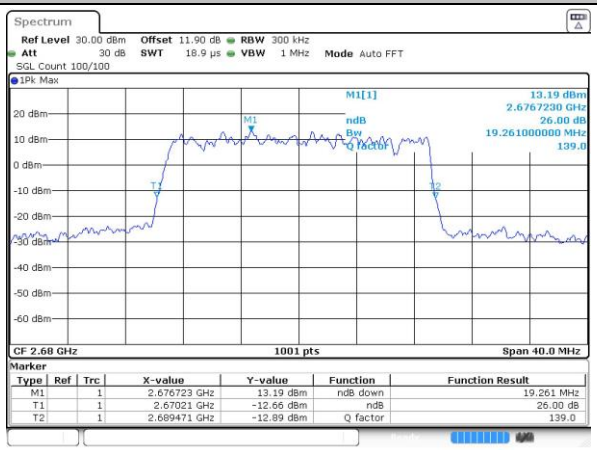
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

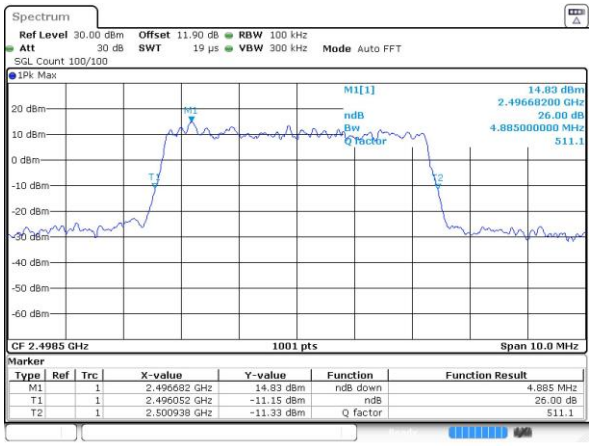


Highest Channel / 20MHz / 16QAM

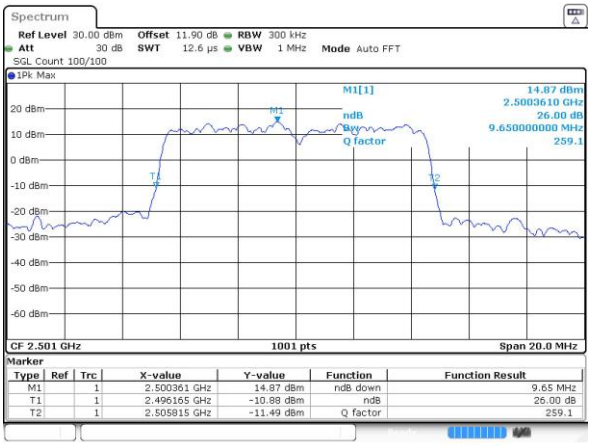


LTE Band 41

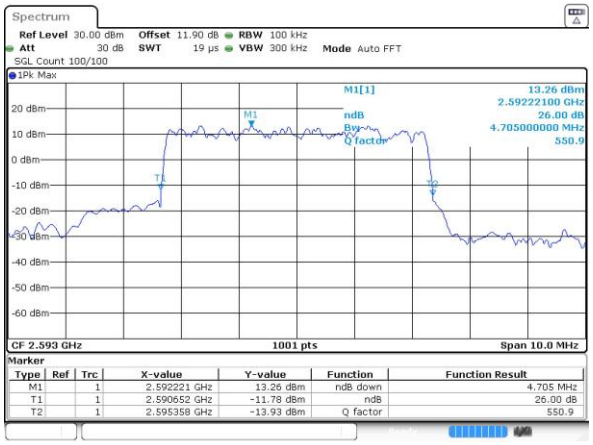
Lowest Channel / 5MHz / 64QAM



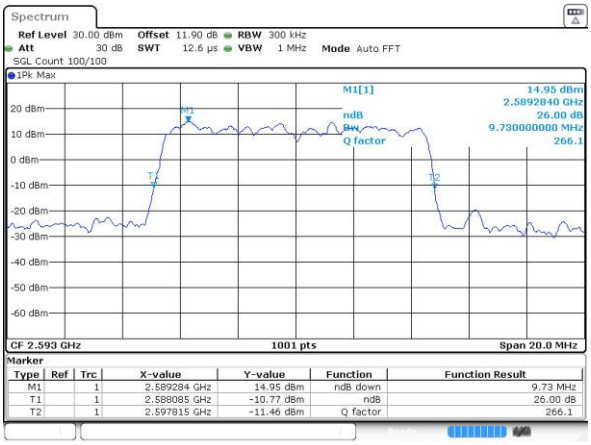
Lowest Channel / 10MHz / 64QAM



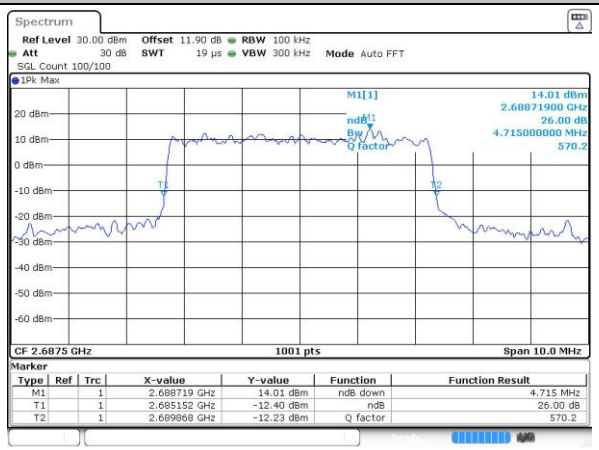
Middle Channel / 5MHz / 64QAM



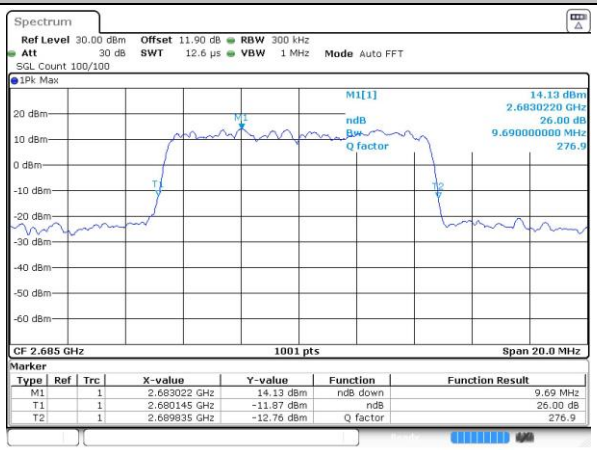
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

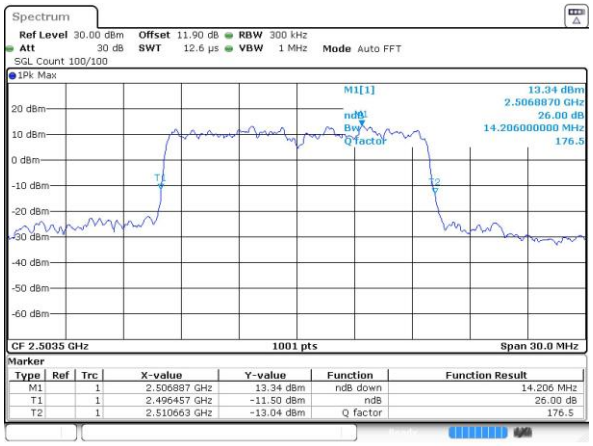


Highest Channel / 10MHz / 64QAM

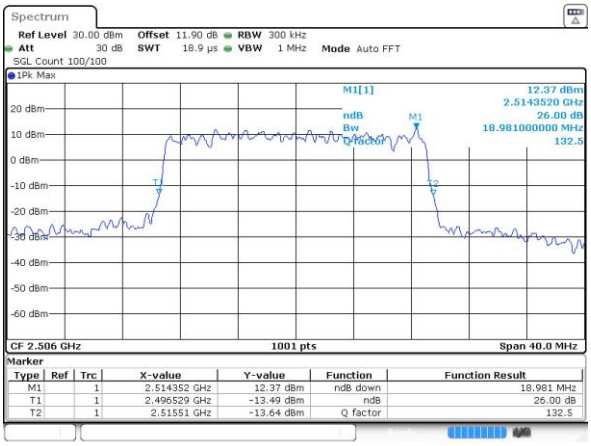


LTE Band 41

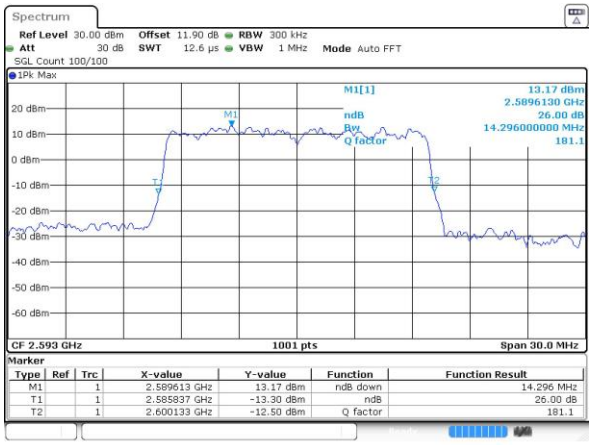
Lowest Channel / 15MHz / 64QAM



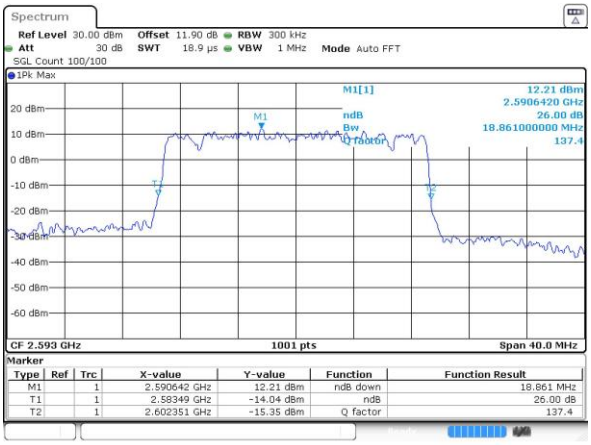
Lowest Channel / 20MHz / 64QAM



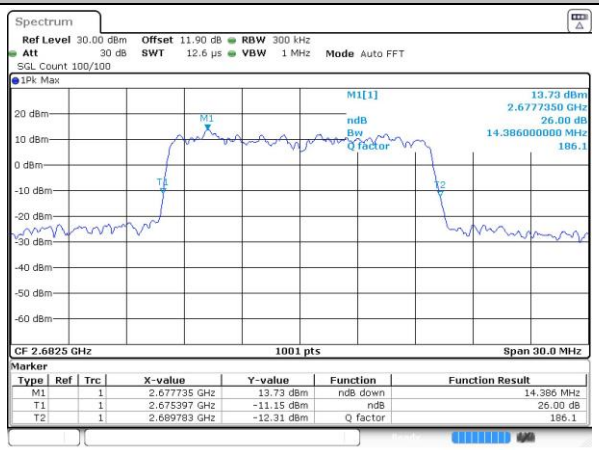
Middle Channel / 15MHz / 64QAM



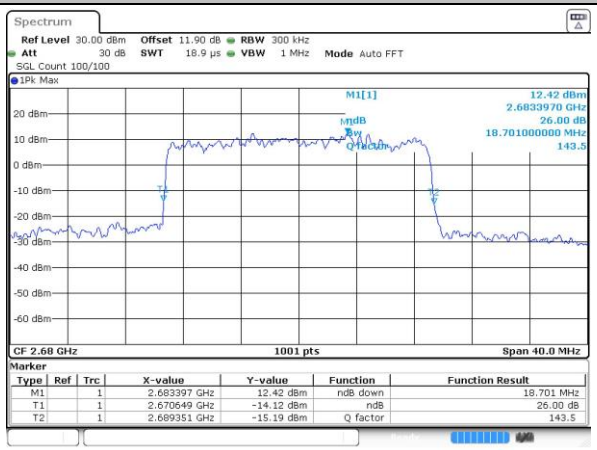
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

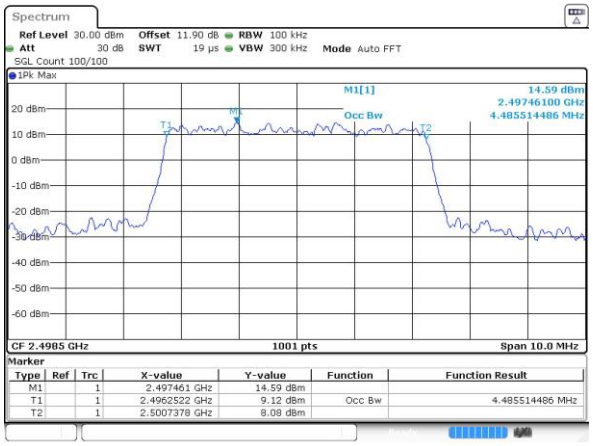


Occupied Bandwidth

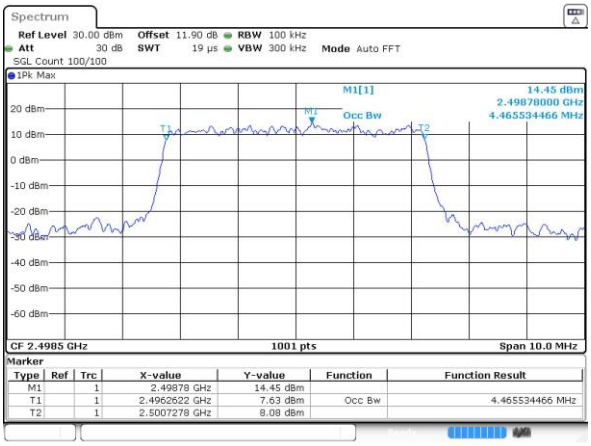
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.48	9.05	9.03	13.49	13.43	17.94	17.86
Middle CH	-	-	-	-	4.48	4.50	8.99	9.05	13.46	13.40	17.98	17.90
Highest CH	-	-	-	-	4.51	4.48	9.05	8.99	13.49	13.40	17.98	17.82
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.52	-	8.99	-	13.43	-	17.90	-
Middle CH	-	-	-	-	4.52	-	9.01	-	13.37	-	17.82	-
Highest CH	-	-	-	-	4.50	-	9.01	-	13.43	-	17.94	-

LTE Band 41

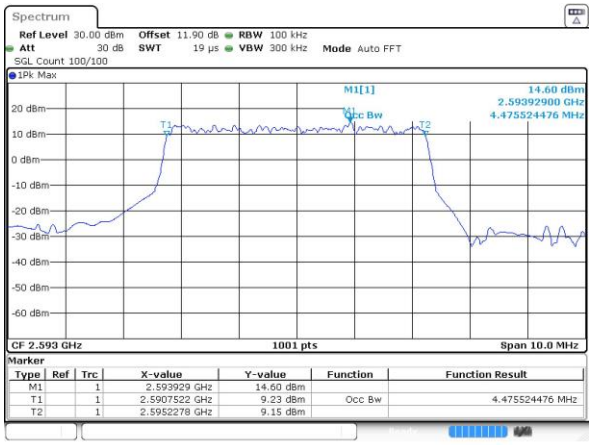
Lowest Channel / 5MHz / QPSK



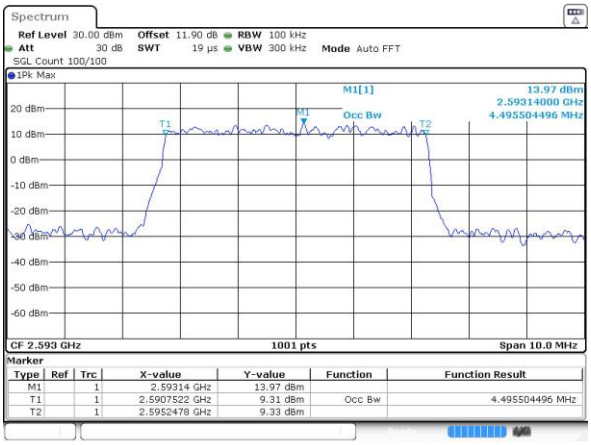
Lowest Channel / 5MHz / 16QAM



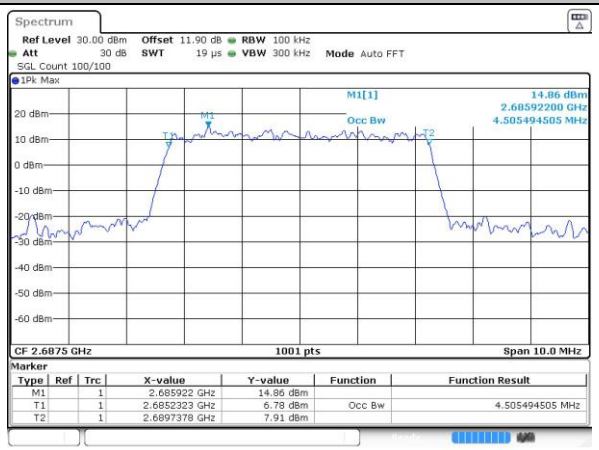
Middle Channel / 5MHz / QPSK



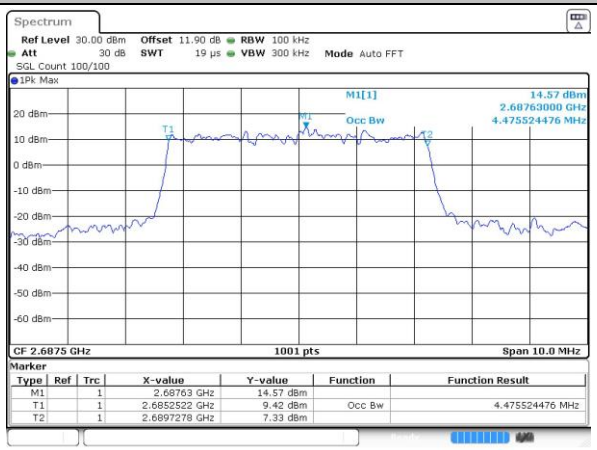
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

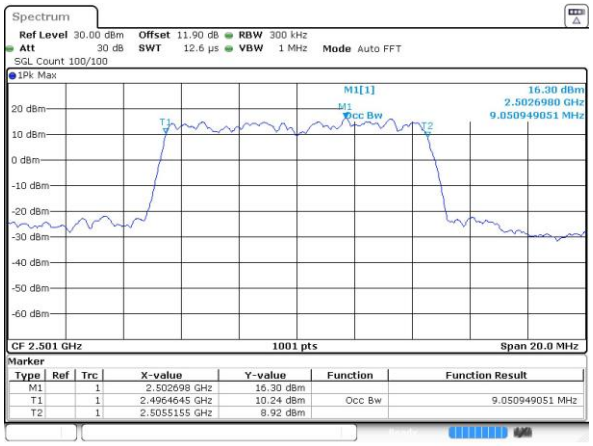


Highest Channel / 5MHz / 16QAM

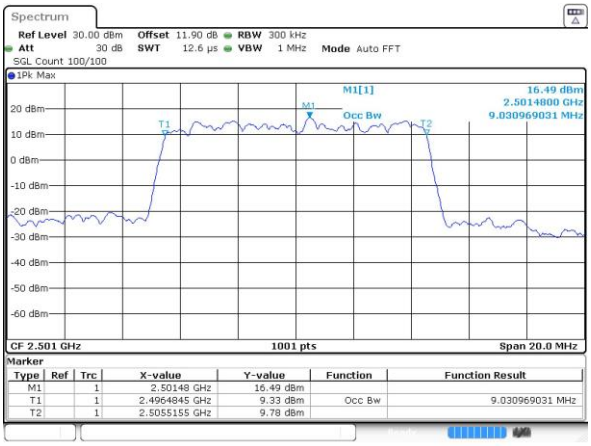


LTE Band 41

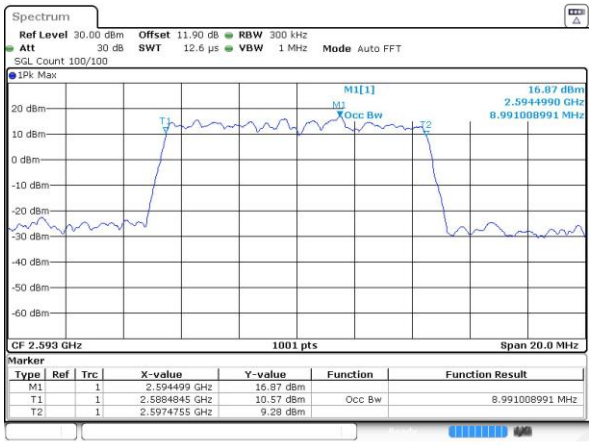
Lowest Channel / 10MHz / QPSK



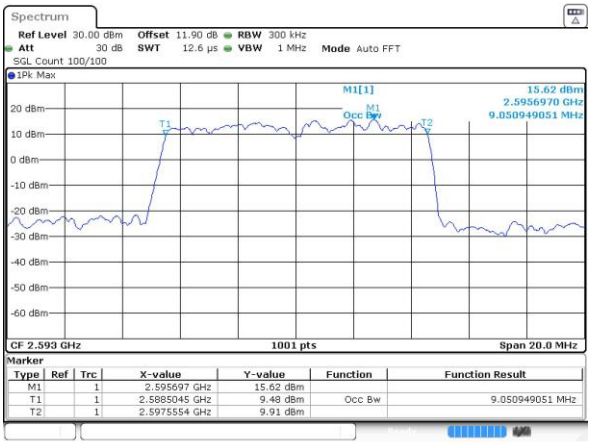
Lowest Channel / 10MHz / 16QAM



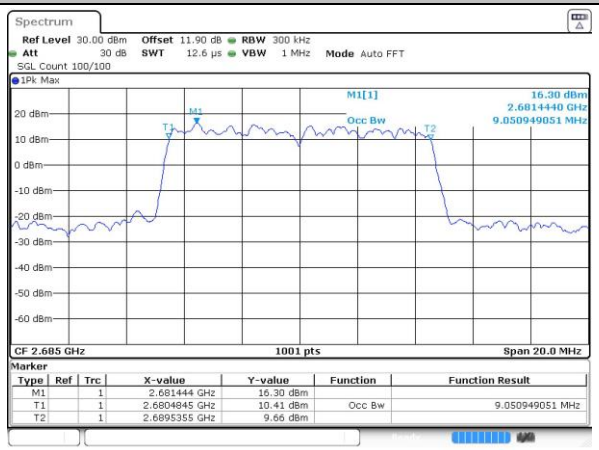
Middle Channel / 10MHz / QPSK



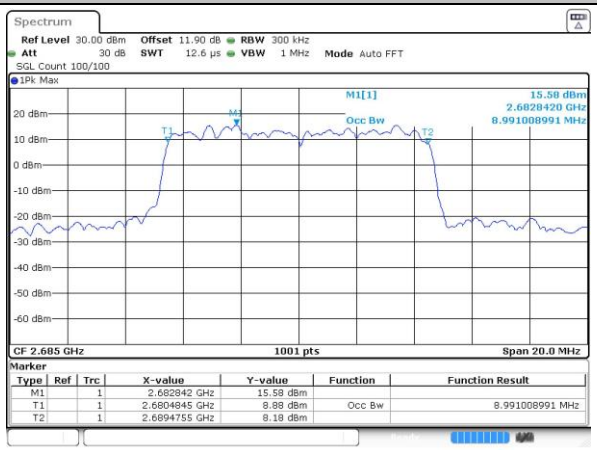
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

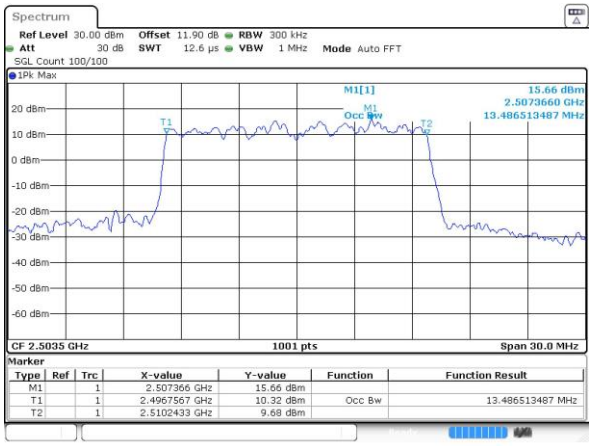


Highest Channel / 10MHz / 16QAM

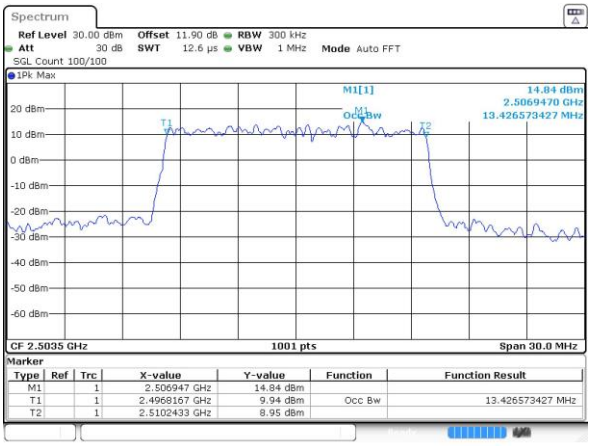


LTE Band 41

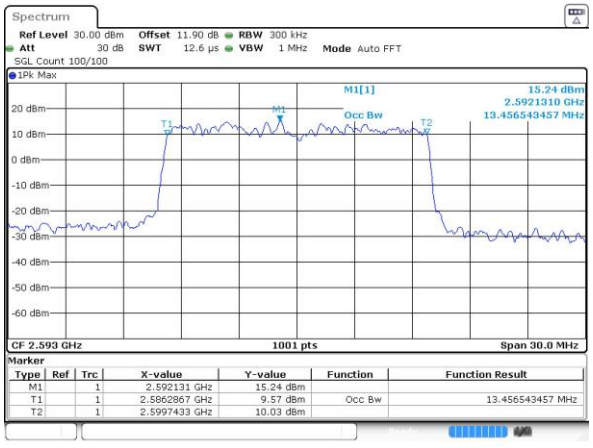
Lowest Channel / 15MHz / QPSK



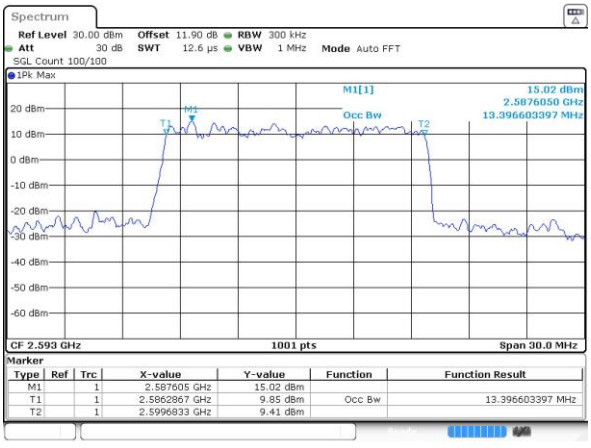
Lowest Channel / 15MHz / 16QAM



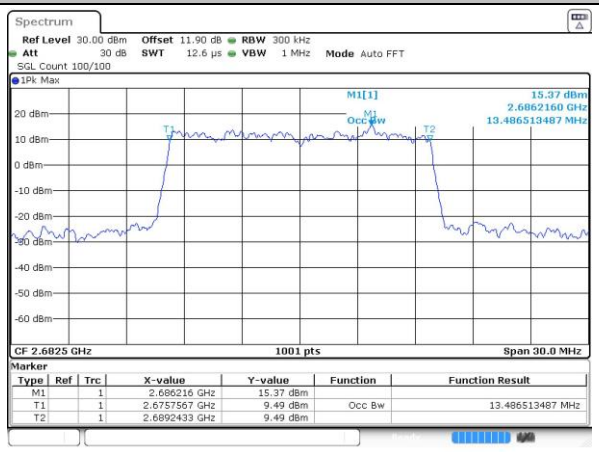
Middle Channel / 15MHz / QPSK



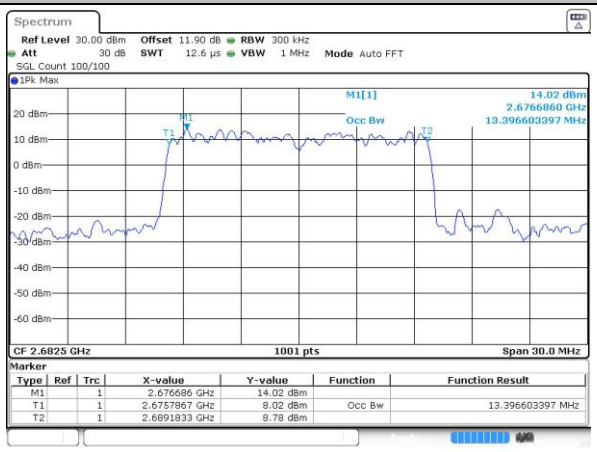
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

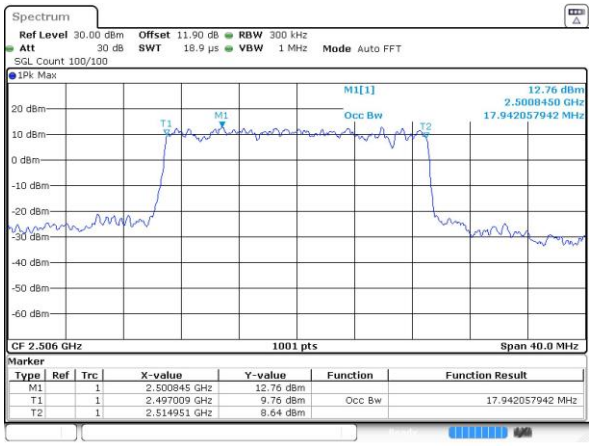


Highest Channel / 15MHz / 16QAM

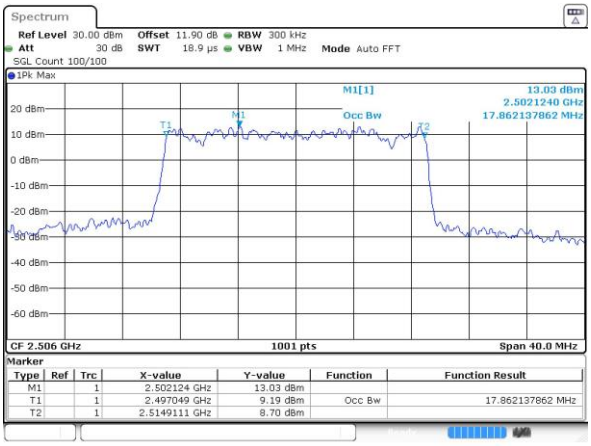


LTE Band 41

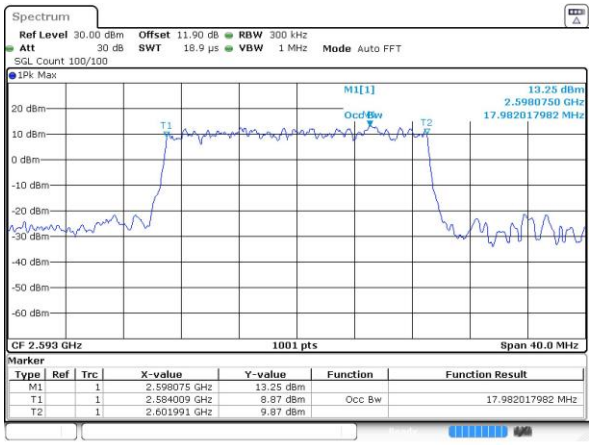
Lowest Channel / 20MHz / QPSK



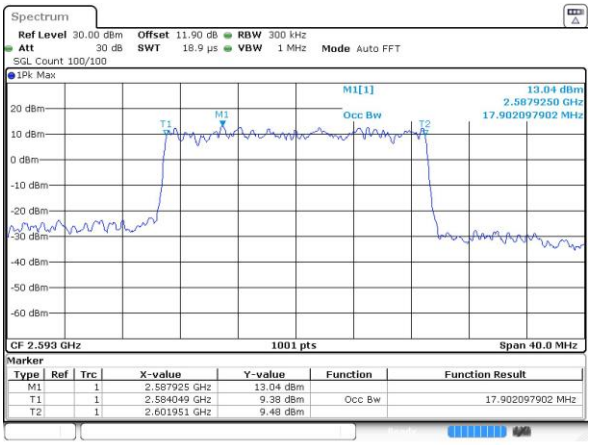
Lowest Channel / 20MHz / 16QAM



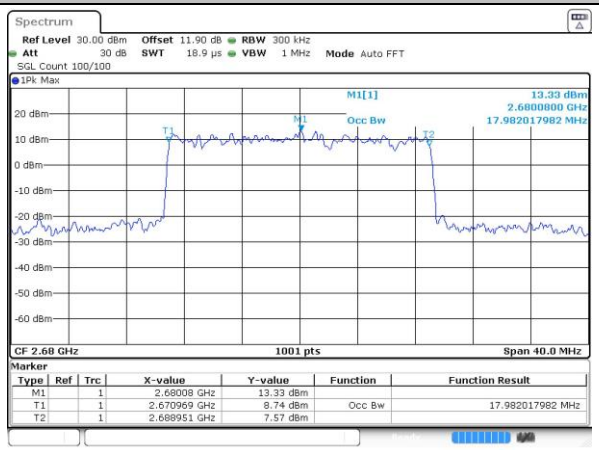
Middle Channel / 20MHz / QPSK



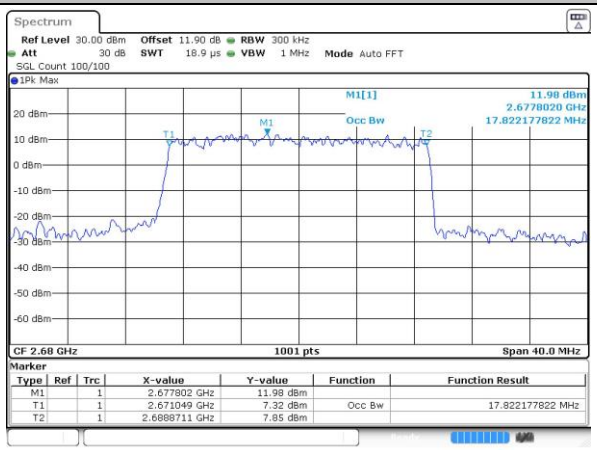
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

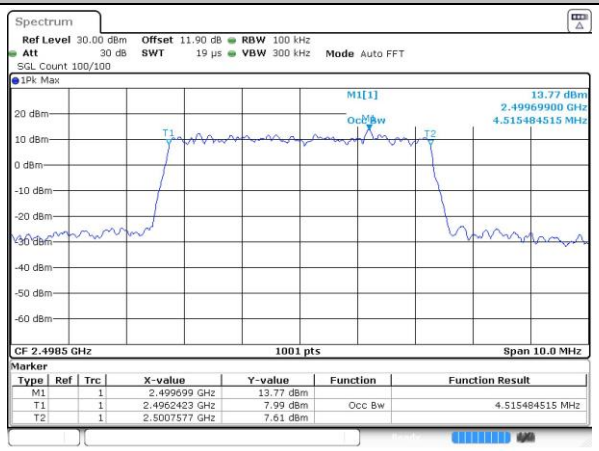


Highest Channel / 20MHz / 16QAM



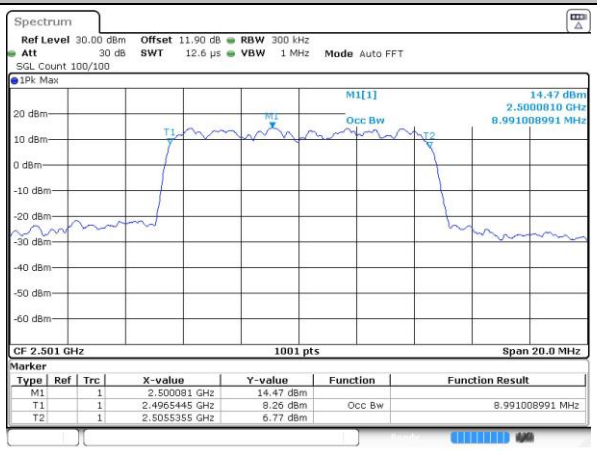
LTE Band 41

Lowest Channel / 5MHz / 64QAM



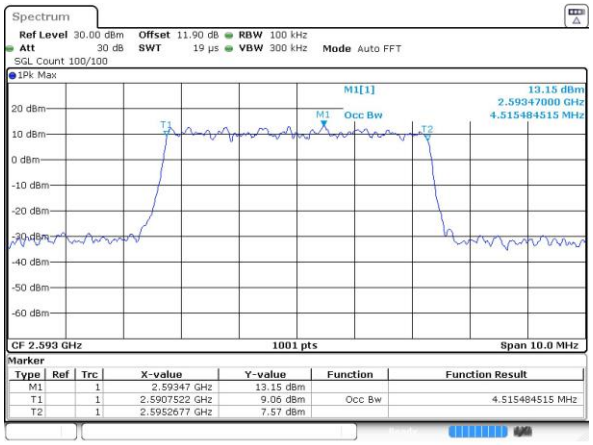
Date: 29.JUN.2019 08:22:46

Lowest Channel / 10MHz / 64QAM



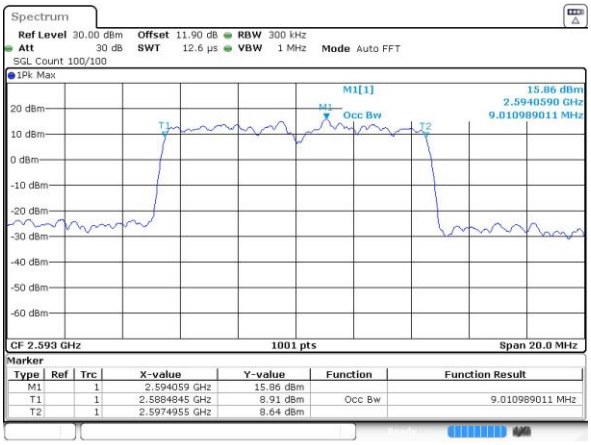
Date: 29.JUN.2019 08:24:00

Middle Channel / 5MHz / 64QAM



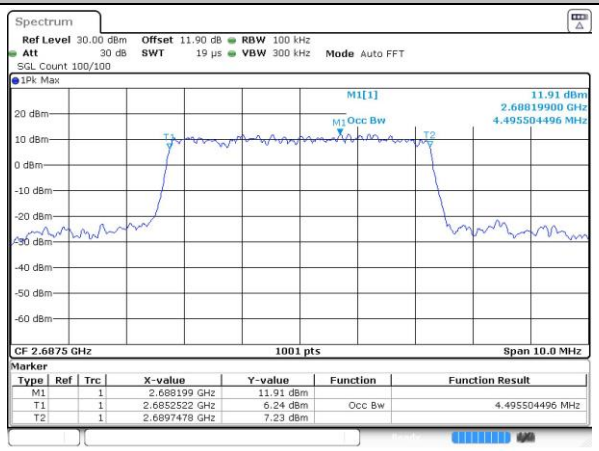
Date: 29.JUN.2019 08:23:10

Middle Channel / 10MHz / 64QAM



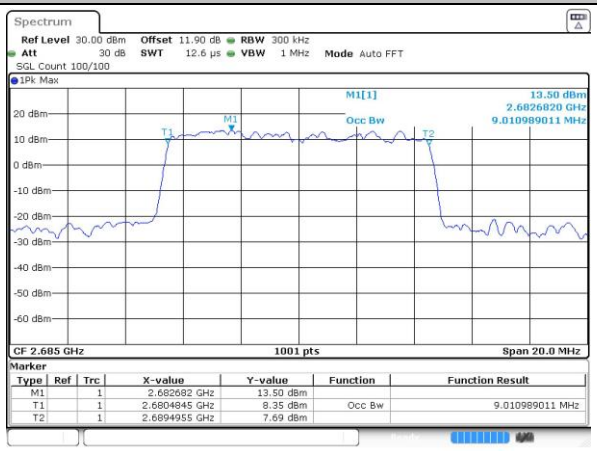
Date: 29.JUN.2019 08:24:24

Highest Channel / 5MHz / 64QAM



Date: 29.JUN.2019 08:23:34

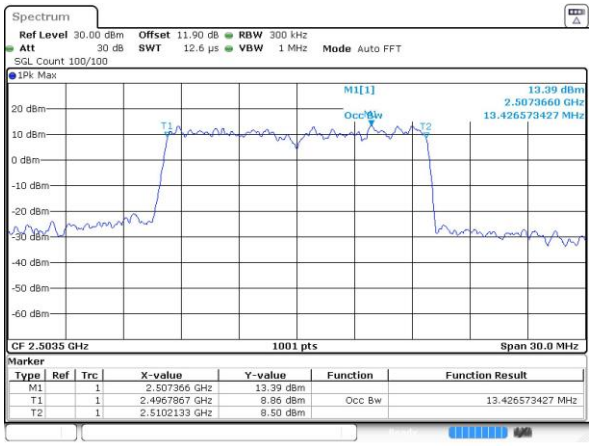
Highest Channel / 10MHz / 64QAM



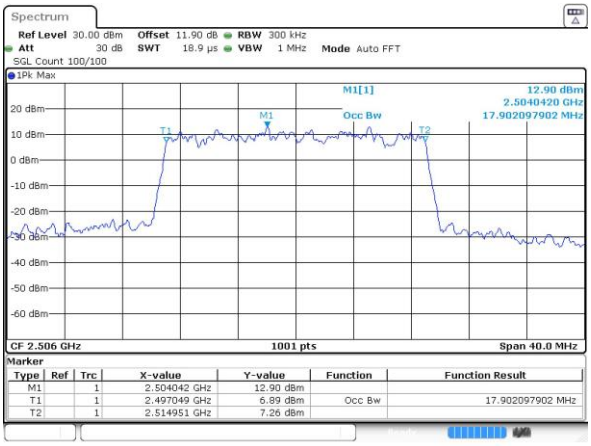
Date: 29.JUN.2019 08:24:48

LTE Band 41

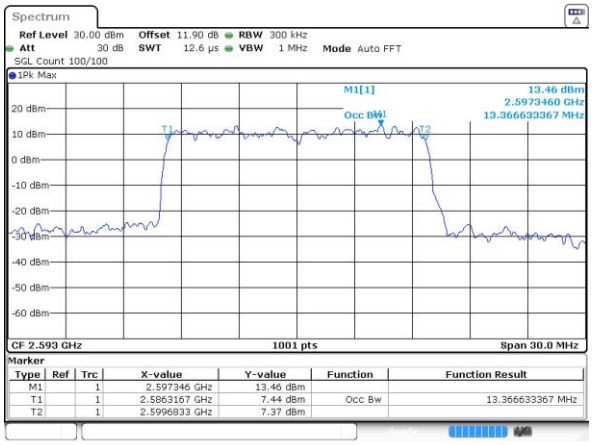
Lowest Channel / 15MHz / 64QAM



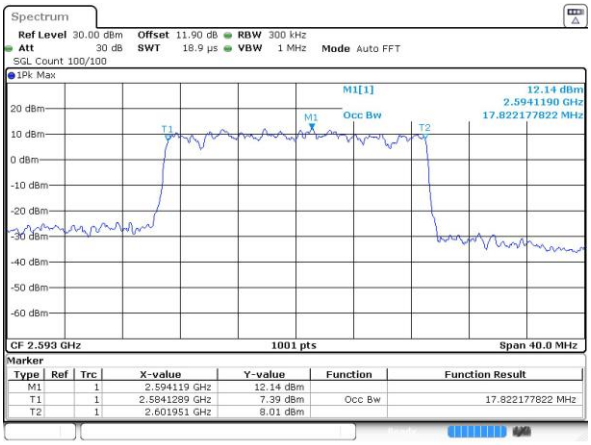
Lowest Channel / 20MHz / 64QAM



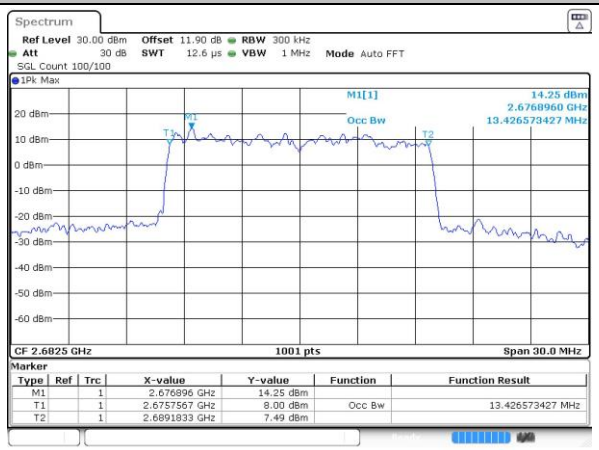
Middle Channel / 15MHz / 64QAM



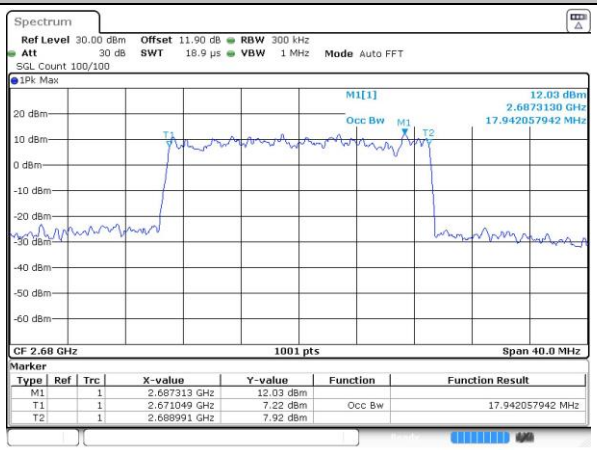
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



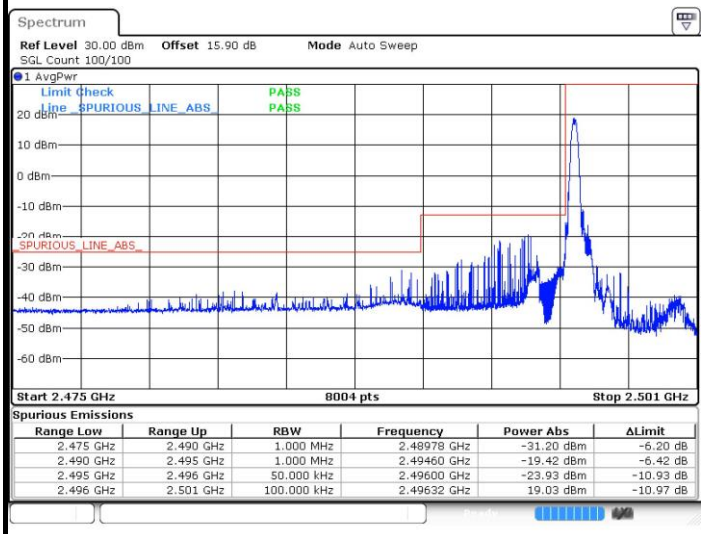
Highest Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48978 GHz	-31.20 dBm	-6.20 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49460 GHz	-19.42 dBm	-6.42 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-23.93 dBm	-10.93 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49632 GHz	19.03 dBm	-10.97 dB

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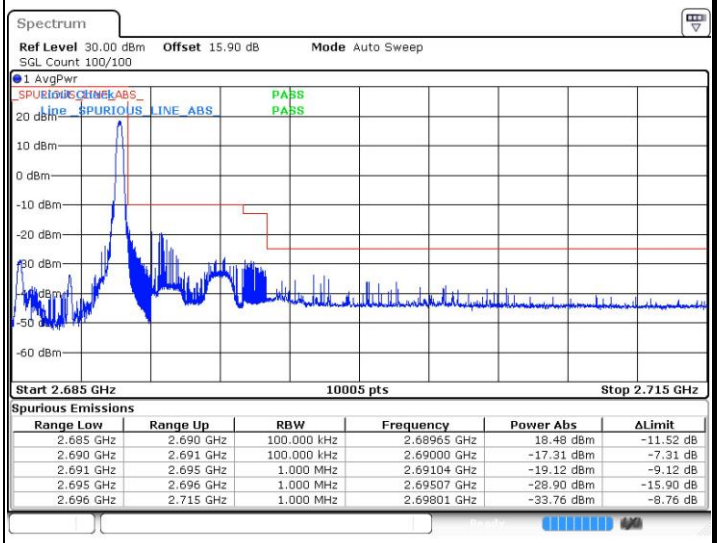
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68965 GHz	18.48 dBm	-11.52 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-17.31 dBm	-7.31 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69104 GHz	-19.12 dBm	-9.12 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69507 GHz	-28.90 dBm	-15.90 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69801 GHz	-33.76 dBm	-8.76 dB

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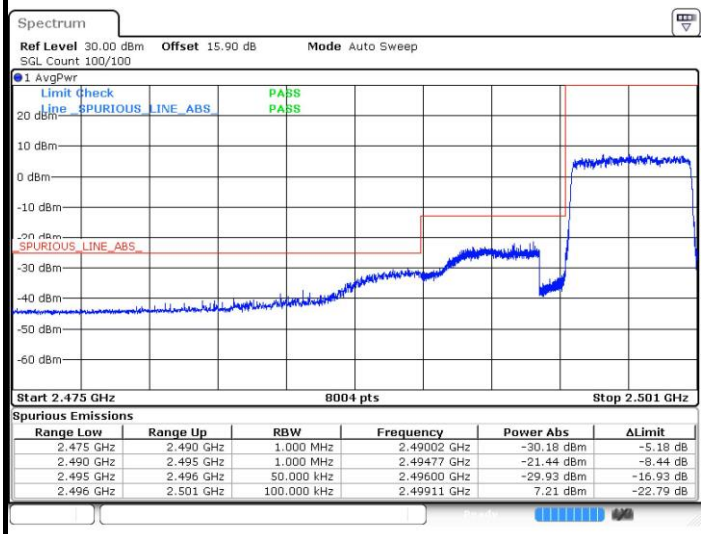
Lowest Band Edge / Full RB

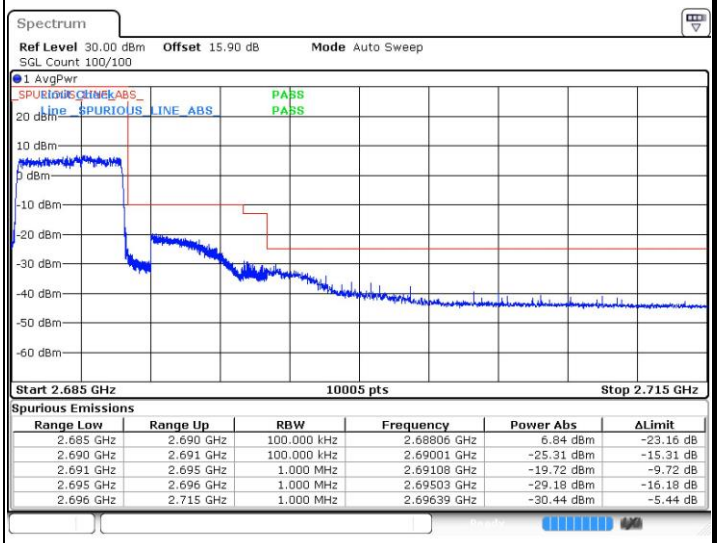


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49002 GHz	-30.18 dBm	-5.18 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49477 GHz	-21.44 dBm	-8.44 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-29.93 dBm	-16.93 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49911 GHz	7.21 dBm	-22.79 dB

Date: 18.JUN.2019 16:26:26

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68806 GHz	6.84 dBm	-23.16 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69001 GHz	-25.31 dBm	-15.31 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69108 GHz	-19.72 dBm	-9.72 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69503 GHz	-29.18 dBm	-16.18 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69639 GHz	-30.44 dBm	-5.44 dB

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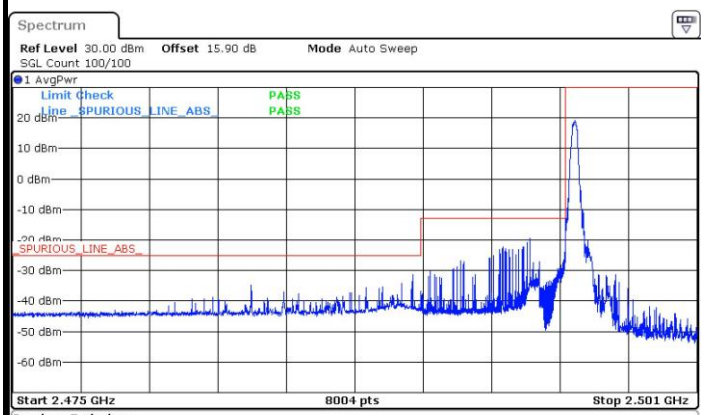
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49020 GHz	-31.47 dBm	-6.47 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49464 GHz	-19.33 dBm	-6.33 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-22.40 dBm	-9.40 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49635 GHz	19.20 dBm	-10.80 dB

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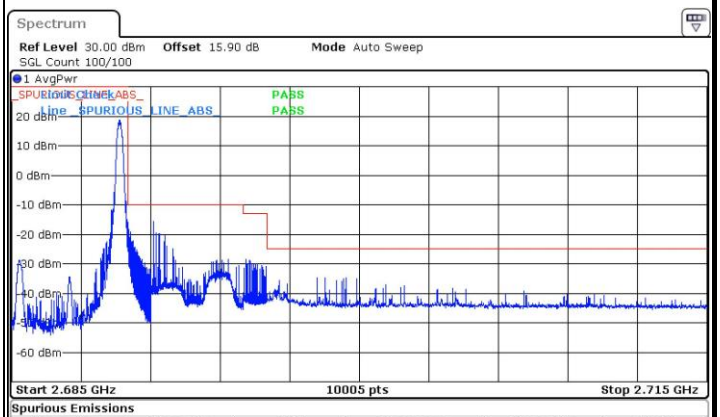
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68963 GHz	18.80 dBm	-11.20 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69002 GHz	-15.91 dBm	-5.91 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69113 GHz	-15.82 dBm	-5.82 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69509 GHz	-28.47 dBm	-15.47 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69851 GHz	-34.70 dBm	-9.70 dB

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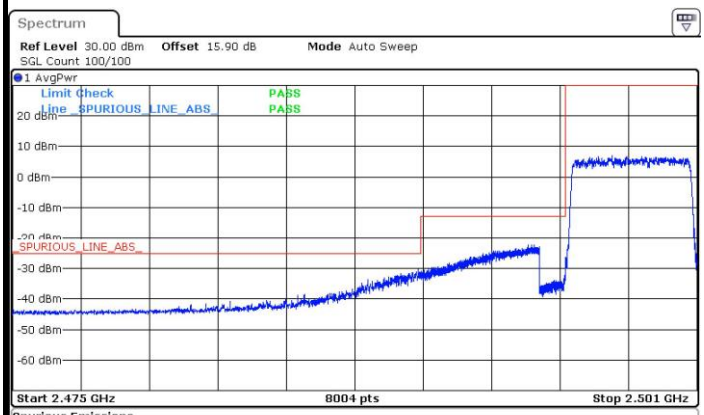
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-30.17 dBm	-5.17 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49480 GHz	-22.22 dBm	-9.22 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-31.01 dBm	-18.01 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49777 GHz	6.85 dBm	-23.15 dB

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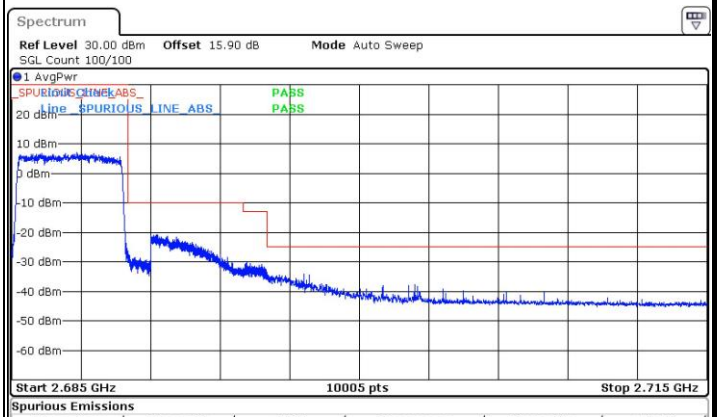
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68782 GHz	7.08 dBm	-22.92 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-26.42 dBm	-16.42 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69126 GHz	-20.80 dBm	-10.80 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69512 GHz	-30.16 dBm	-17.16 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69760 GHz	-34.17 dBm	-9.17 dB

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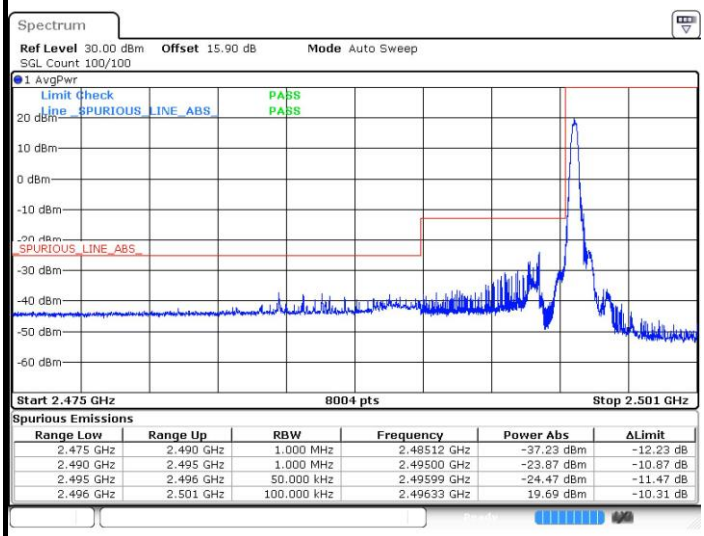
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48512 GHz	-37.23 dBm	-12.23 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49500 GHz	-23.87 dBm	-10.87 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-24.47 dBm	-11.47 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49633 GHz	19.69 dBm	-10.31 dB

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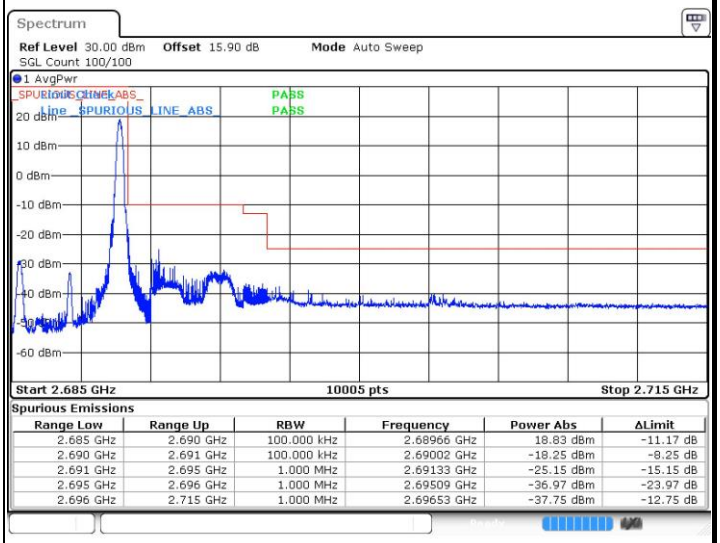
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68966 GHz	18.83 dBm	-11.17 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69002 GHz	-18.25 dBm	-8.25 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69133 GHz	-25.15 dBm	-15.15 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69509 GHz	-36.97 dBm	-23.97 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69653 GHz	-37.75 dBm	-12.75 dB

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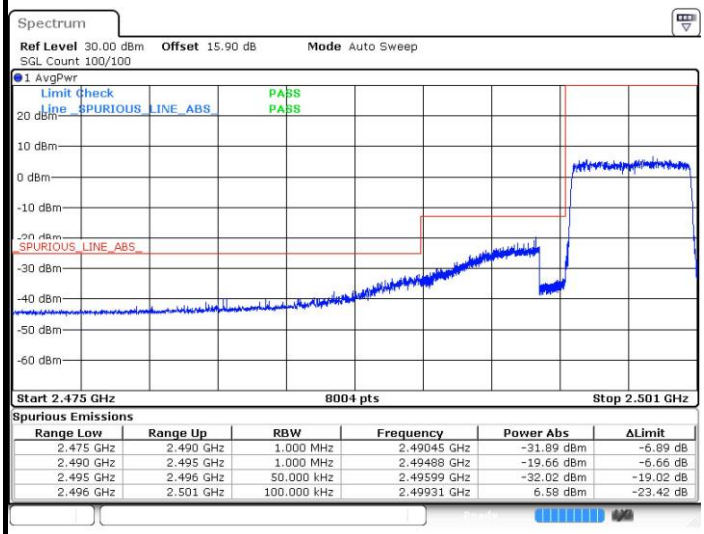
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-31.89 dBm	-6.89 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49488 GHz	-19.66 dBm	-6.66 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-32.02 dBm	-19.02 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49931 GHz	6.58 dBm	-23.42 dB

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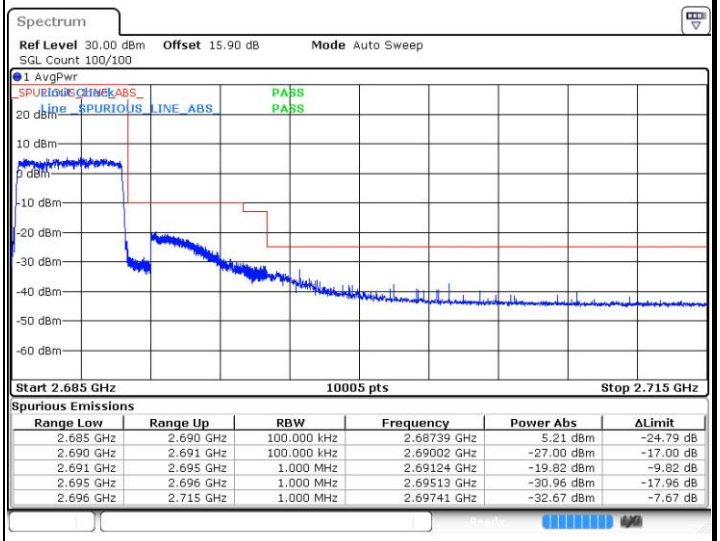
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68739 GHz	5.21 dBm	-24.79 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69002 GHz	-27.00 dBm	-17.00 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69124 GHz	-19.82 dBm	-9.82 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69513 GHz	-30.96 dBm	-17.96 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69741 GHz	-32.67 dBm	-7.67 dB

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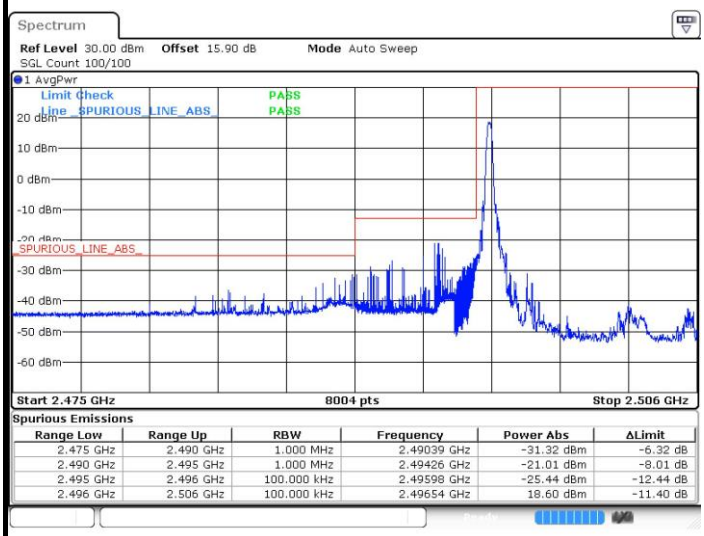
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49039 GHz	-31.32 dBm	-6.32 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49426 GHz	-21.01 dBm	-8.01 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49598 GHz	-25.44 dBm	-12.44 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49654 GHz	18.60 dBm	-11.40 dB

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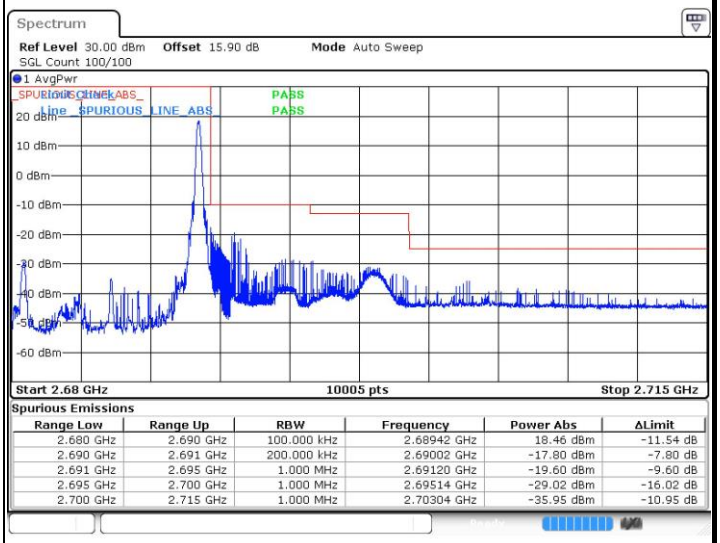
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68942 GHz	18.46 dBm	-11.54 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69002 GHz	-17.80 dBm	-7.80 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69120 GHz	-19.60 dBm	-9.60 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69514 GHz	-29.02 dBm	-16.02 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70304 GHz	-35.95 dBm	-10.95 dB

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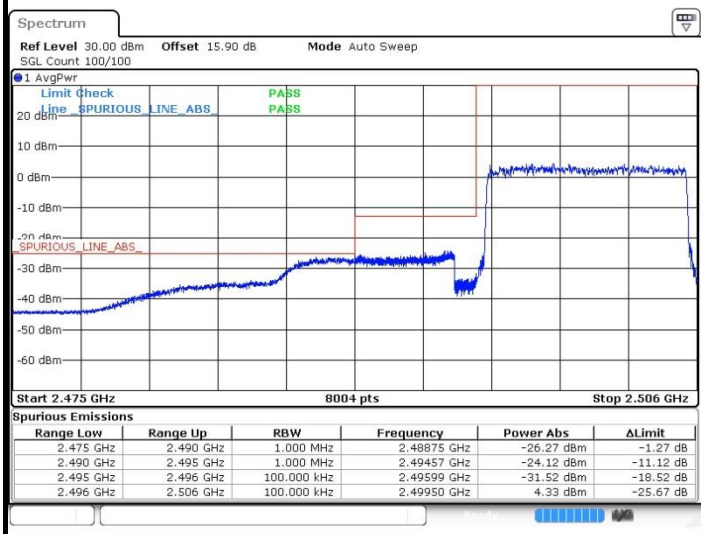
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48875 GHz	-26.27 dBm	-1.27 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49457 GHz	-24.12 dBm	-11.12 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-31.52 dBm	-18.52 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49950 GHz	4.33 dBm	-25.67 dB

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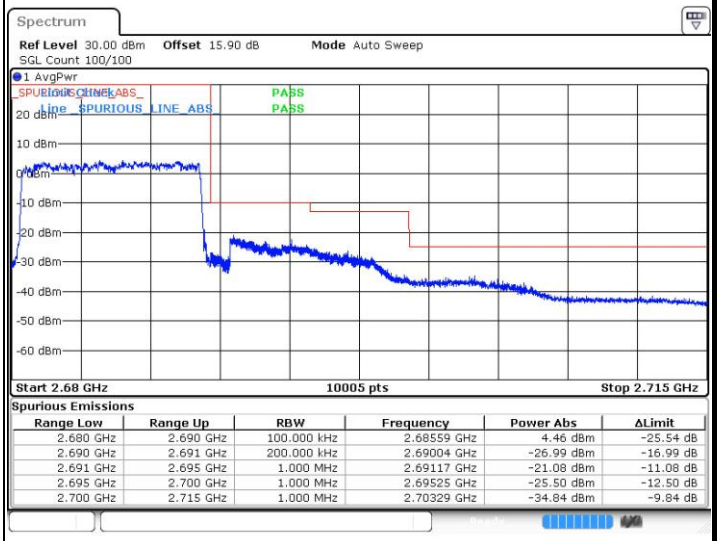
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68559 GHz	4.46 dBm	-25.54 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69004 GHz	-26.99 dBm	-16.99 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69117 GHz	-21.08 dBm	-11.08 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69525 GHz	-25.50 dBm	-12.50 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70329 GHz	-34.84 dBm	-9.84 dB

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