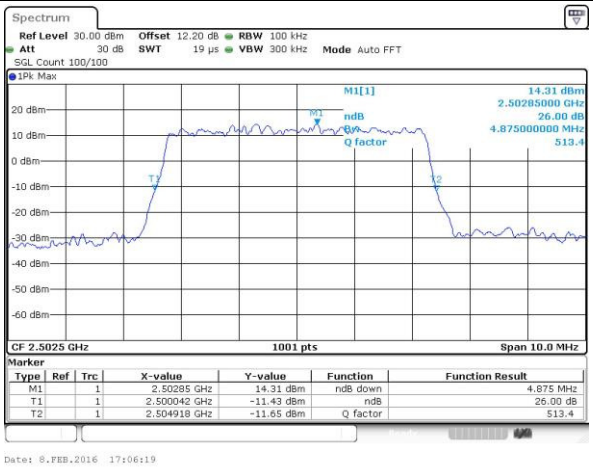
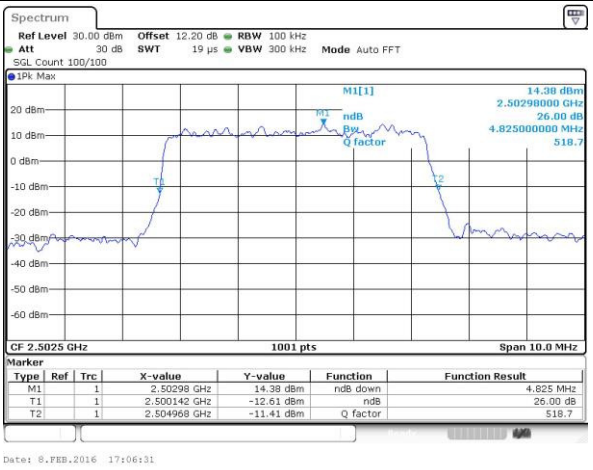
LTE Band 7

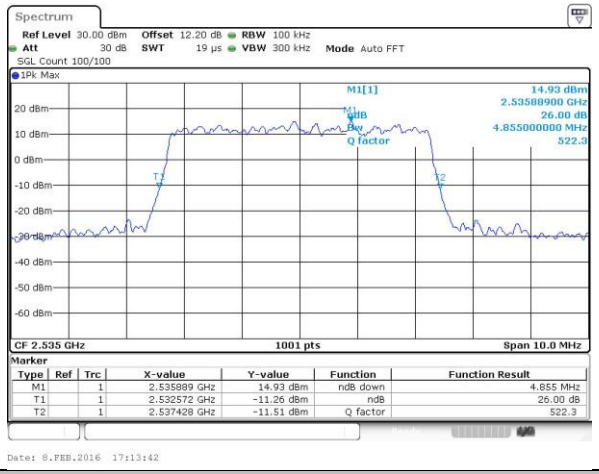
Lowest Channel / 5MHz / QPSK



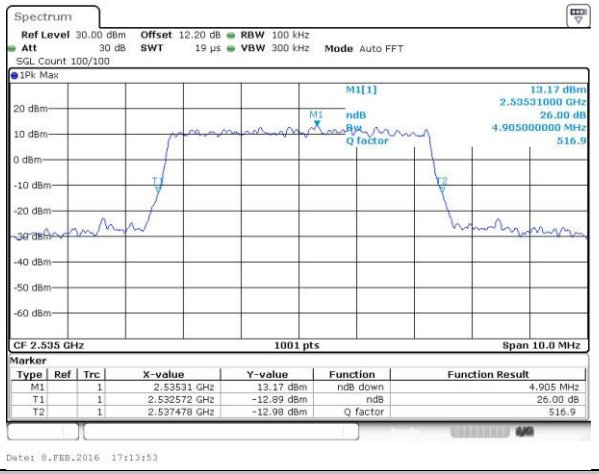
Lowest Channel / 5MHz / 16QAM



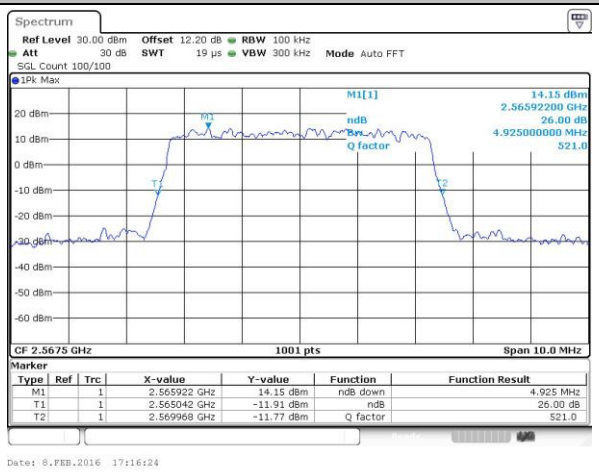
Middle Channel / 5MHz / QPSK



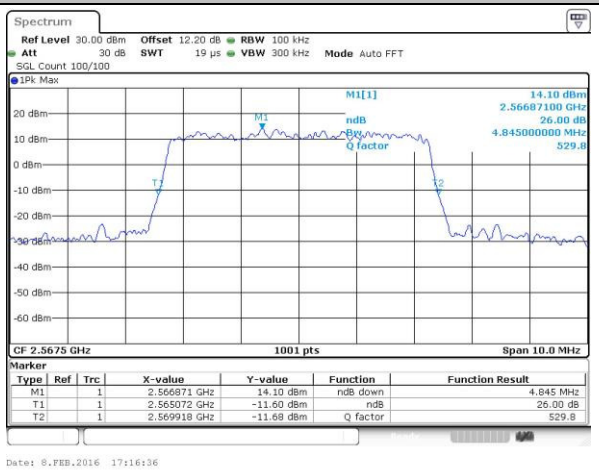
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

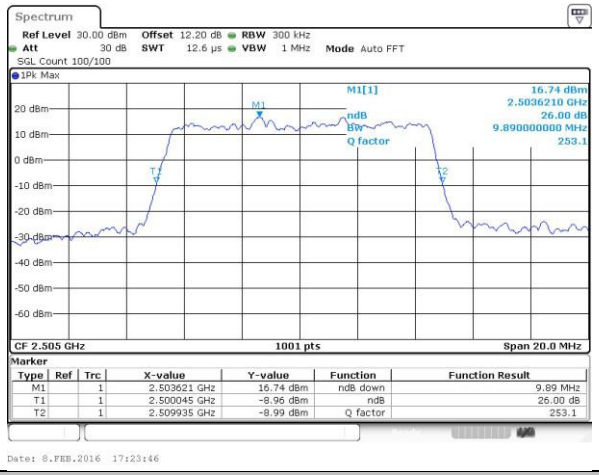


Highest Channel / 5MHz / 16QAM

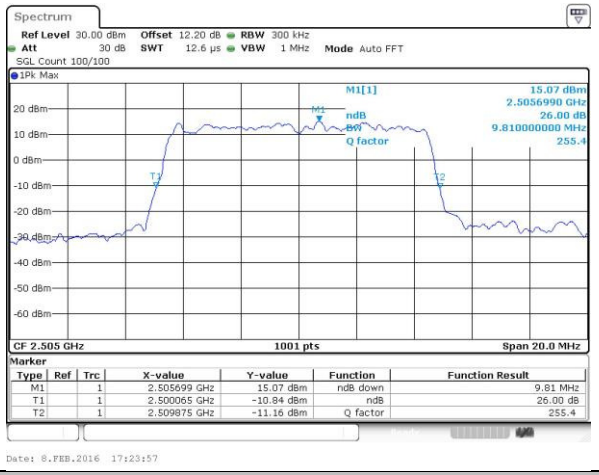


LTE Band 7

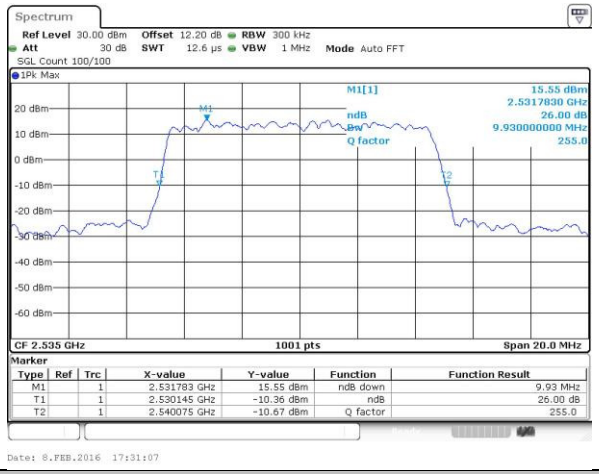
Lowest Channel / 10MHz / QPSK



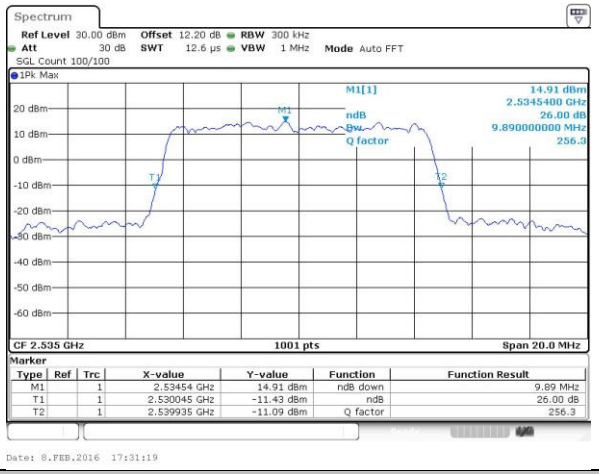
Lowest Channel / 10MHz / 16QAM



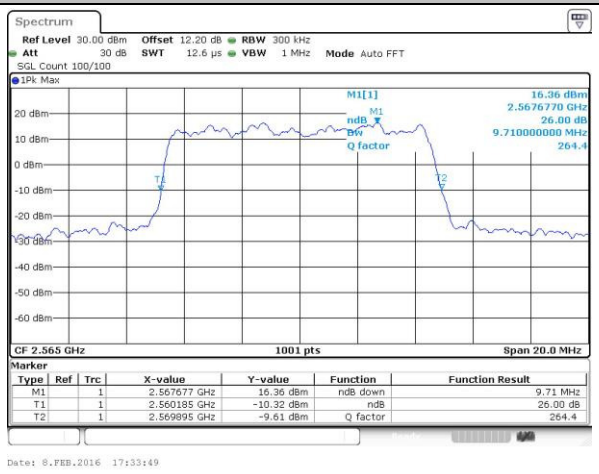
Middle Channel / 10MHz / QPSK



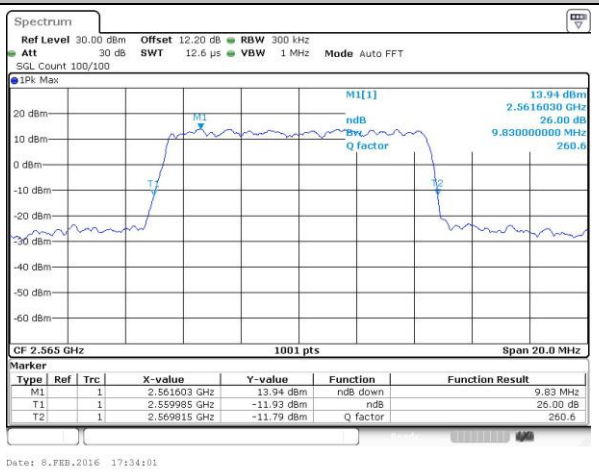
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

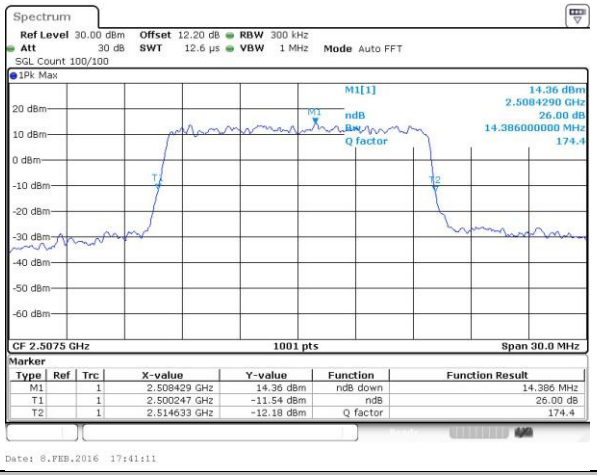


Highest Channel / 10MHz / 16QAM

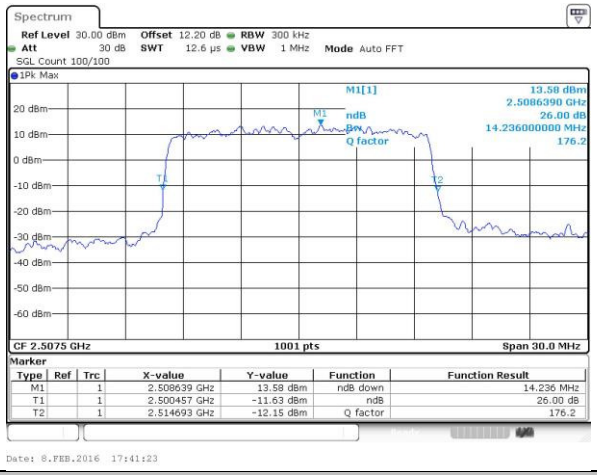


LTE Band 7

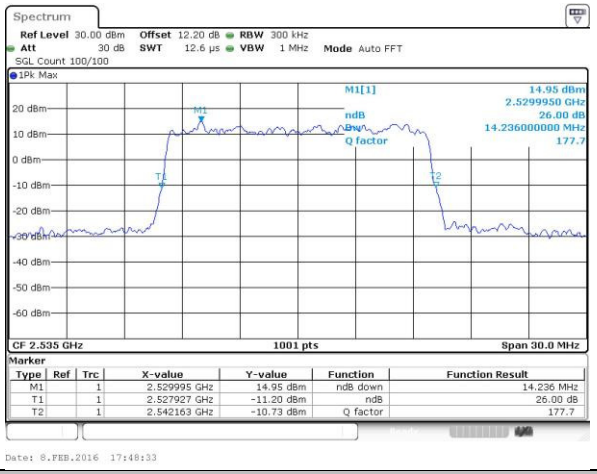
Lowest Channel / 15MHz / QPSK



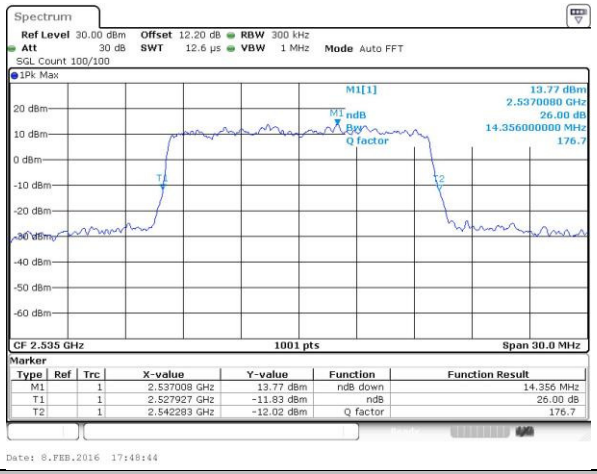
Lowest Channel / 15MHz / 16QAM



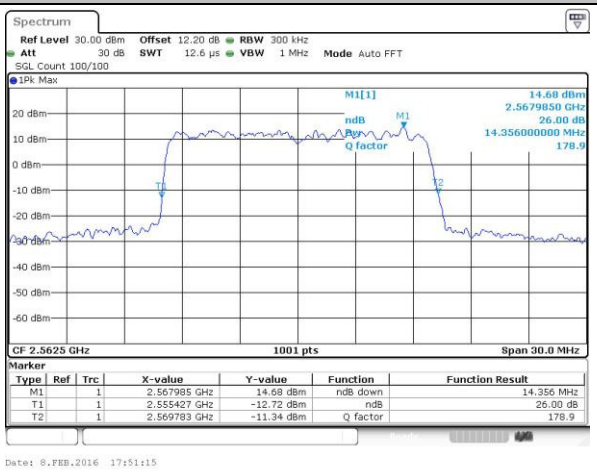
Middle Channel / 15MHz / QPSK



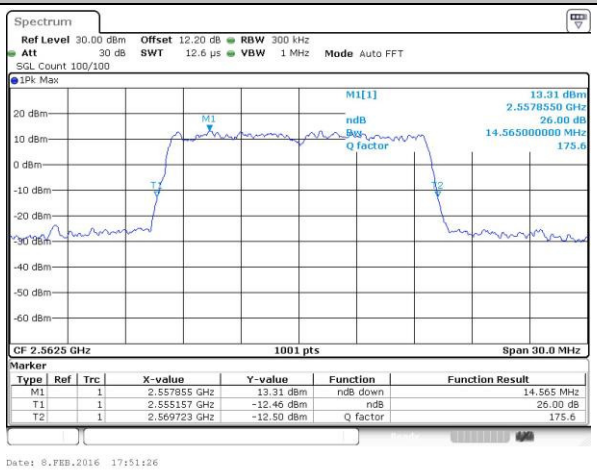
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

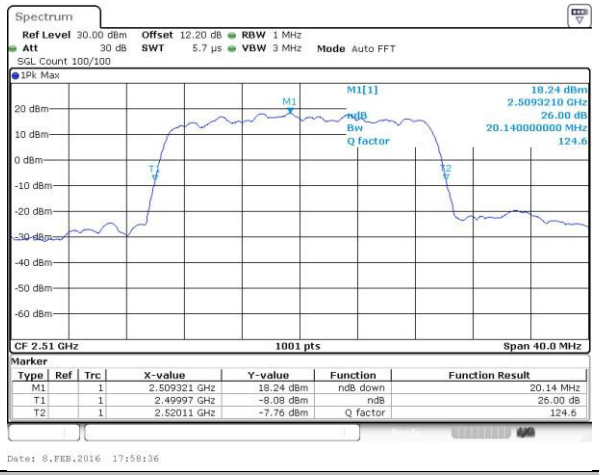


Highest Channel / 15MHz / 16QAM

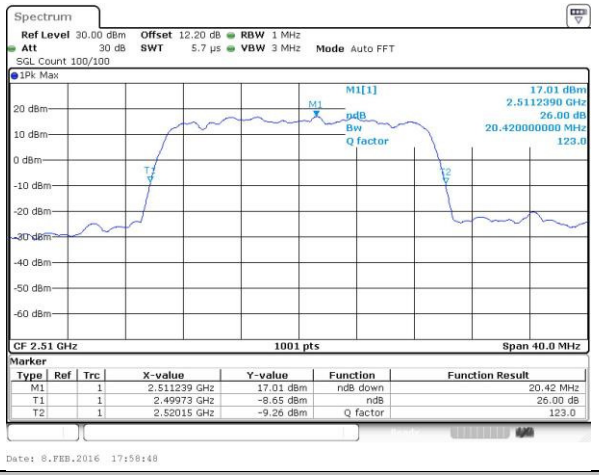


LTE Band 7

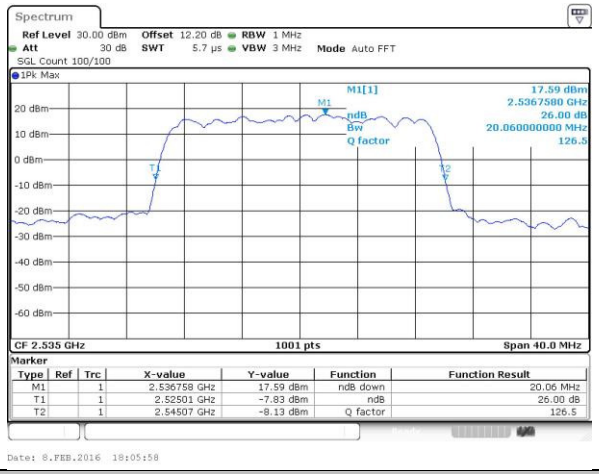
Lowest Channel / 20MHz / QPSK



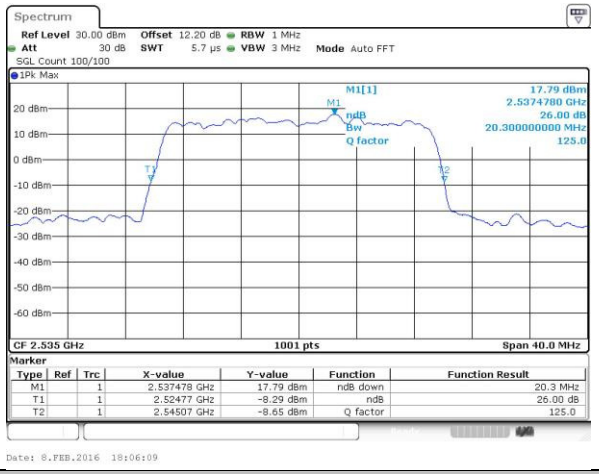
Lowest Channel / 20MHz / 16QAM



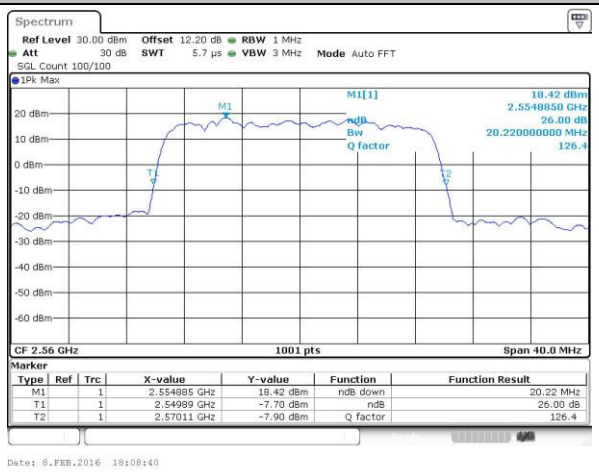
Middle Channel / 20MHz / QPSK



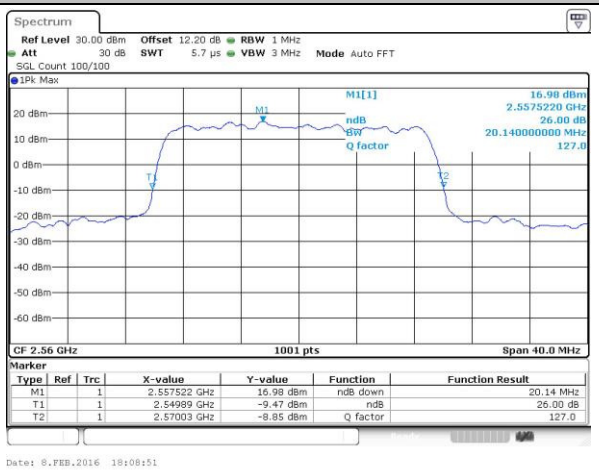
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

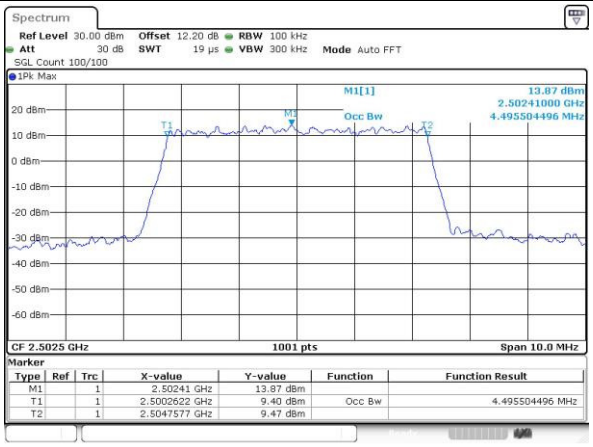


Occupied Bandwidth

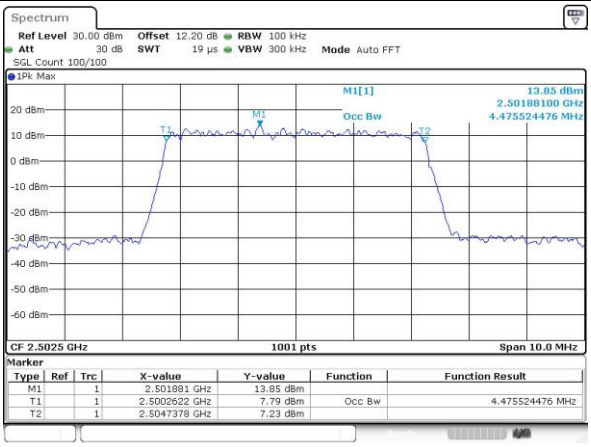
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.48	8.95	9.01	13.4	13.4	18.3	18.26
Middle CH	-	-	-	-	4.47	4.48	8.97	8.99	13.37	13.43	18.26	18.34
Highest CH	-	-	-	-	4.47	4.49	9.07	9.01	13.49	13.4	18.42	18.22

LTE Band 7

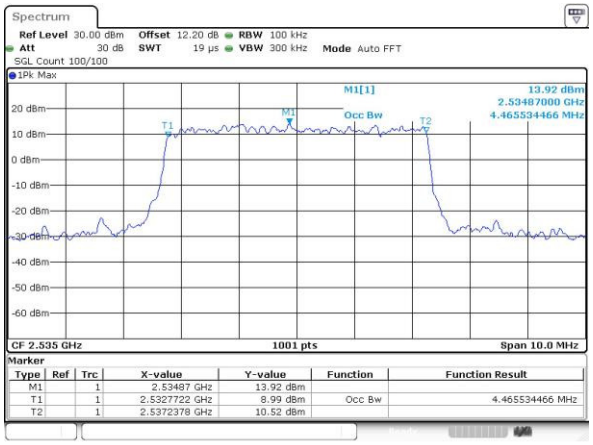
Lowest Channel / 5MHz / QPSK



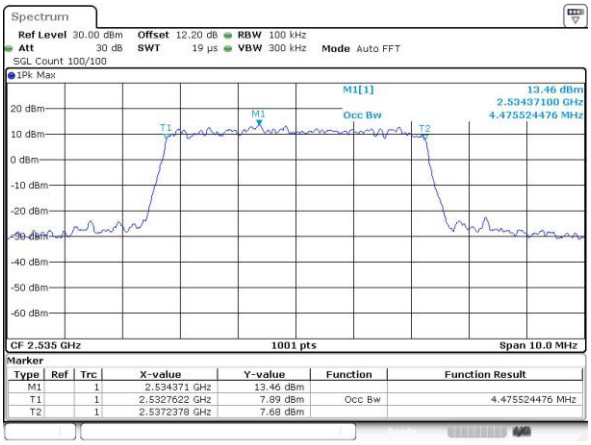
Lowest Channel / 5MHz / 16QAM



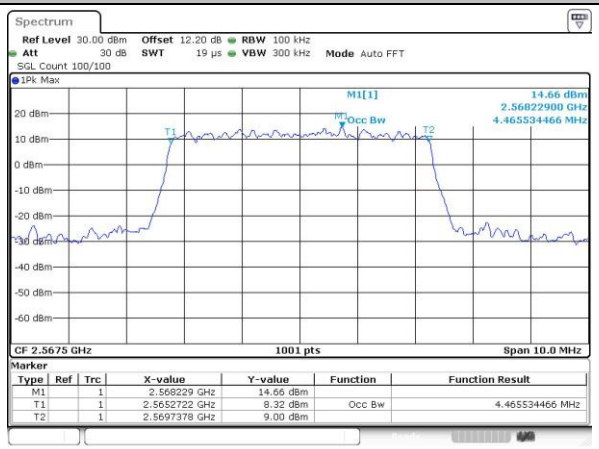
Middle Channel / 5MHz / QPSK



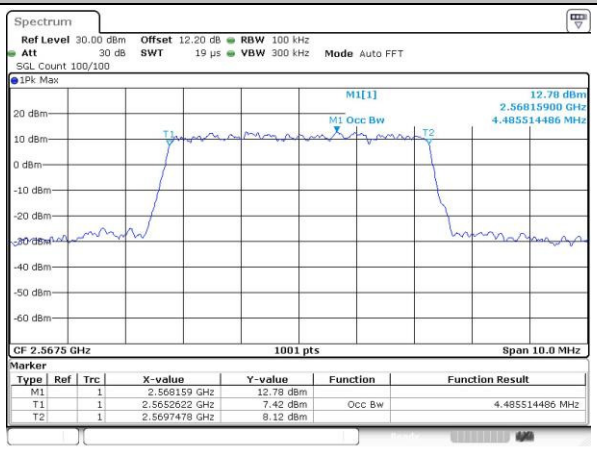
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

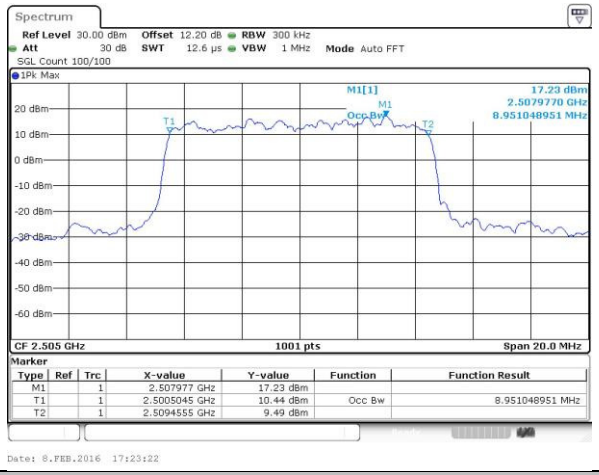


Highest Channel / 5MHz / 16QAM

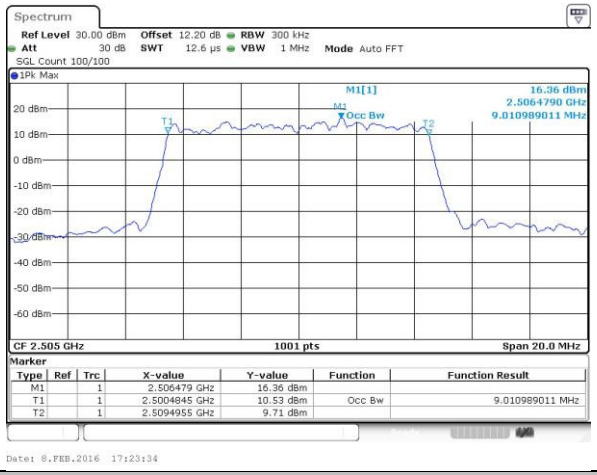


LTE Band 7

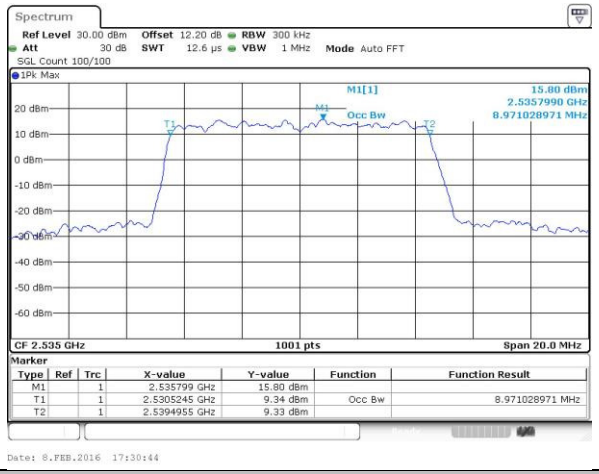
Lowest Channel / 10MHz / QPSK



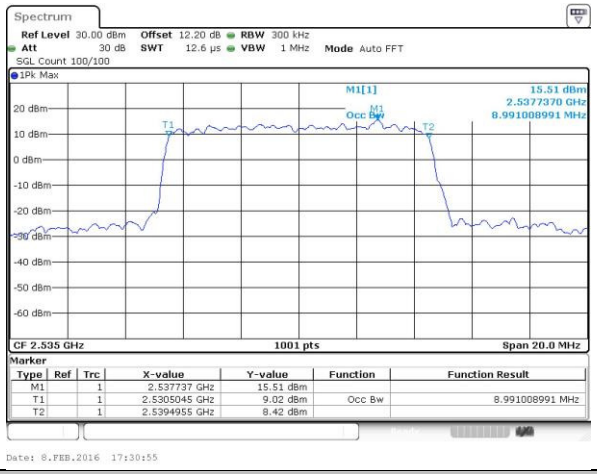
Lowest Channel / 10MHz / 16QAM



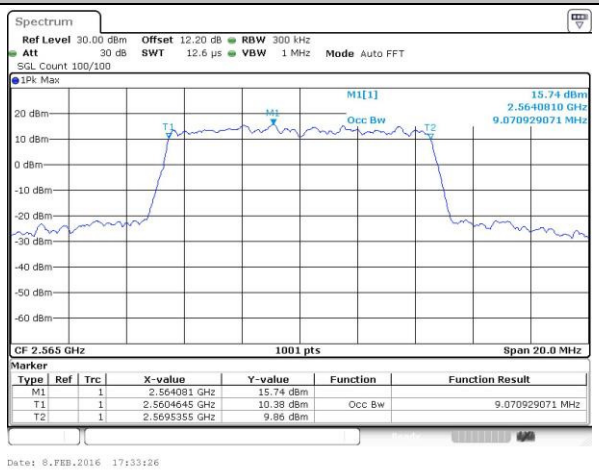
Middle Channel / 10MHz / QPSK



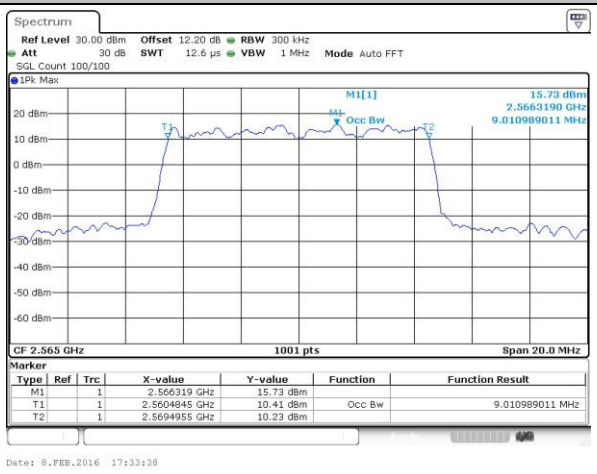
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

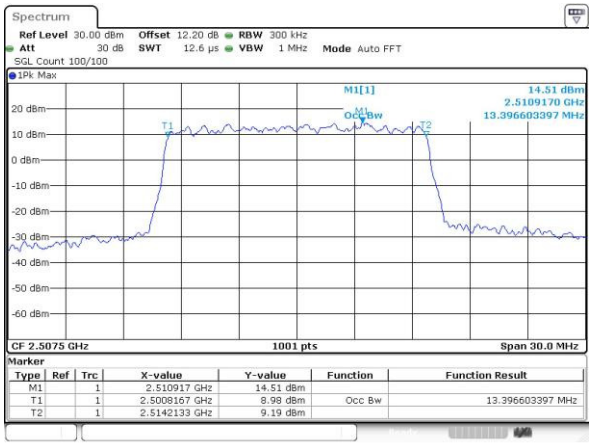


Highest Channel / 10MHz / 16QAM

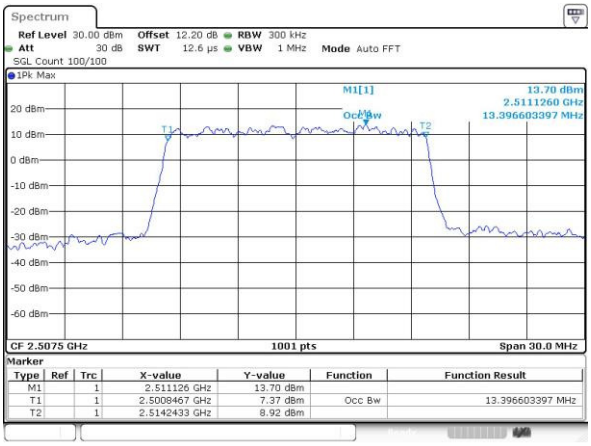


LTE Band 7

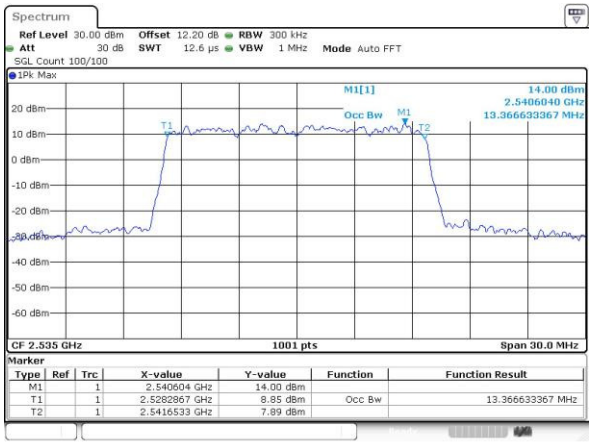
Lowest Channel / 15MHz / QPSK



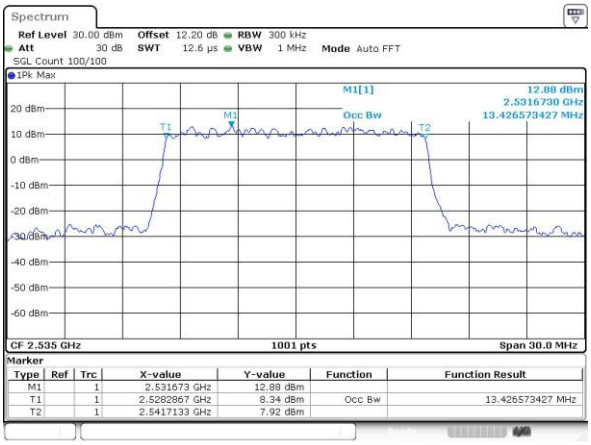
Lowest Channel / 15MHz / 16QAM



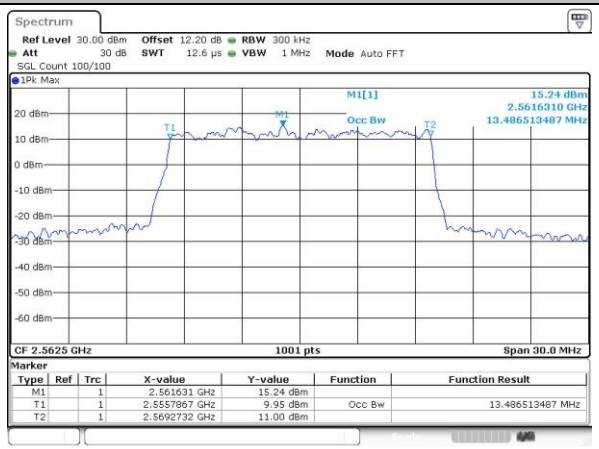
Middle Channel / 15MHz / QPSK



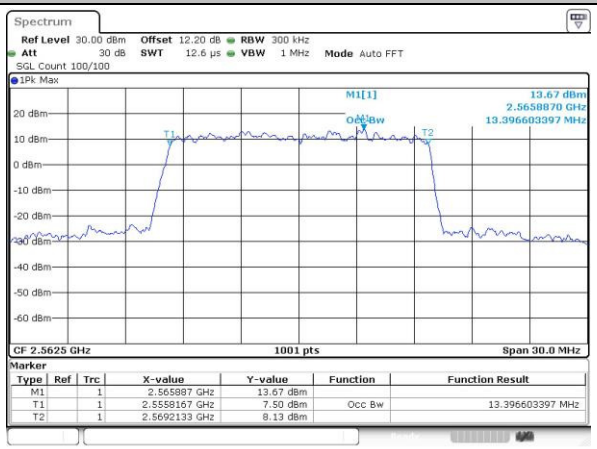
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

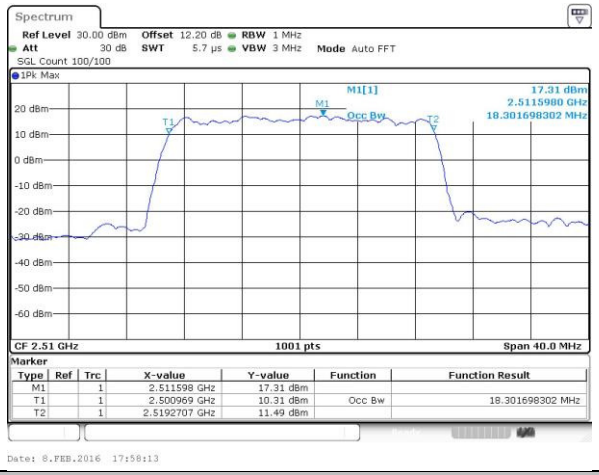


Highest Channel / 15MHz / 16QAM

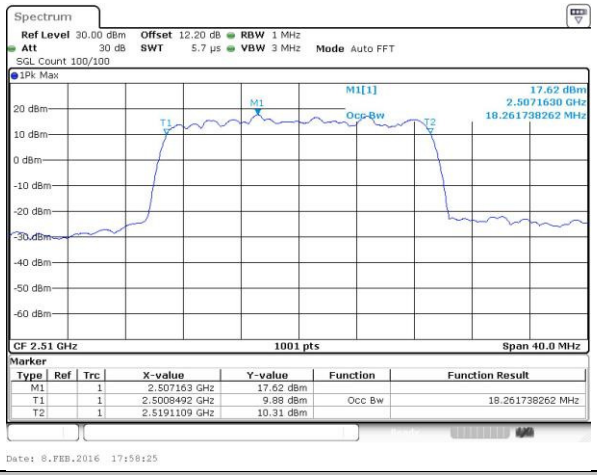


LTE Band 7

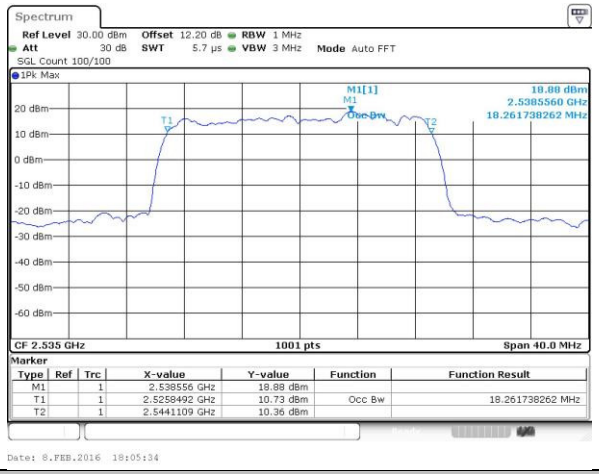
Lowest Channel / 20MHz / QPSK



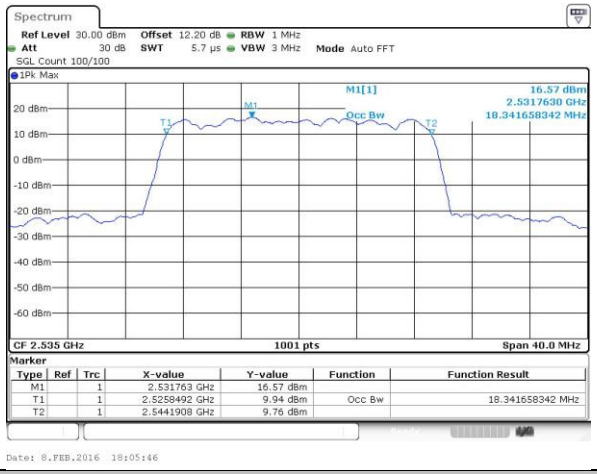
Lowest Channel / 20MHz / 16QAM



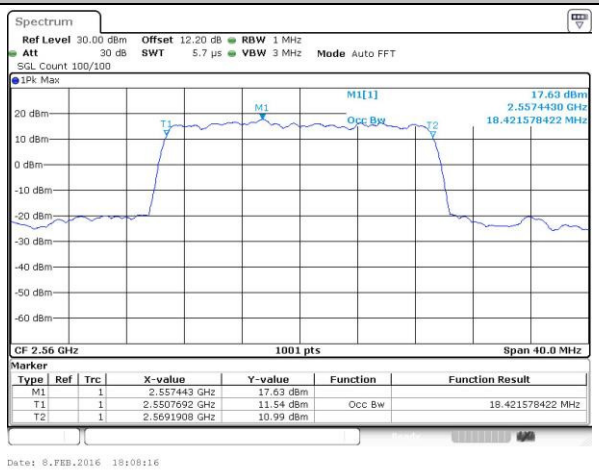
Middle Channel / 20MHz / QPSK



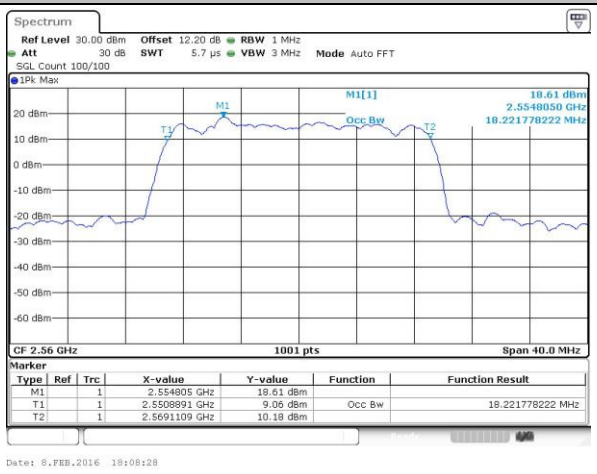
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



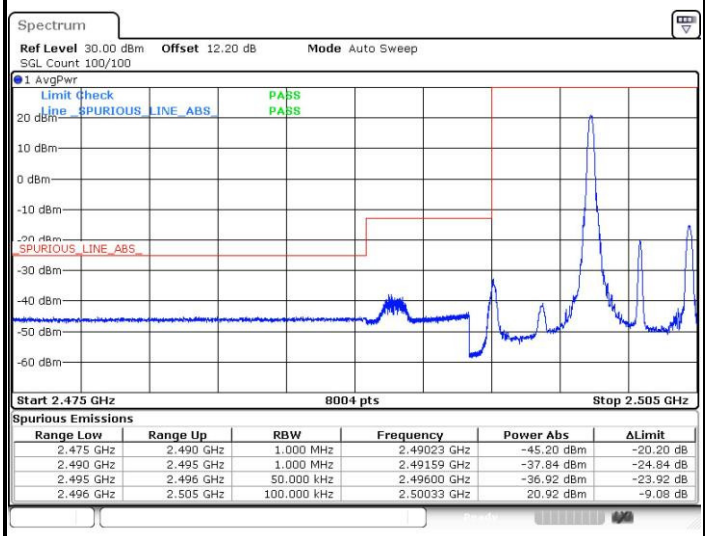
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

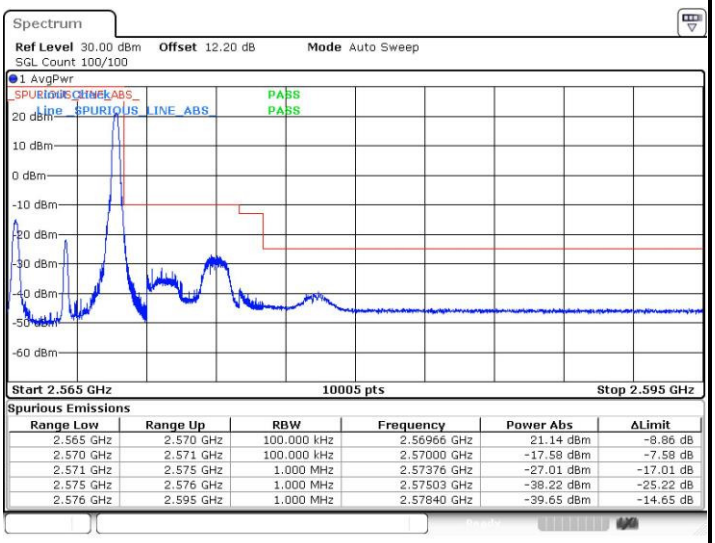


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49023 GHz	-45.20 dBm	-20.20 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49159 GHz	-37.84 dBm	-24.84 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-36.92 dBm	-23.92 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.92 dBm	-9.08 dB

Date: 8.FEB.2016 17:07:41

Highest Band Edge / 1 RB

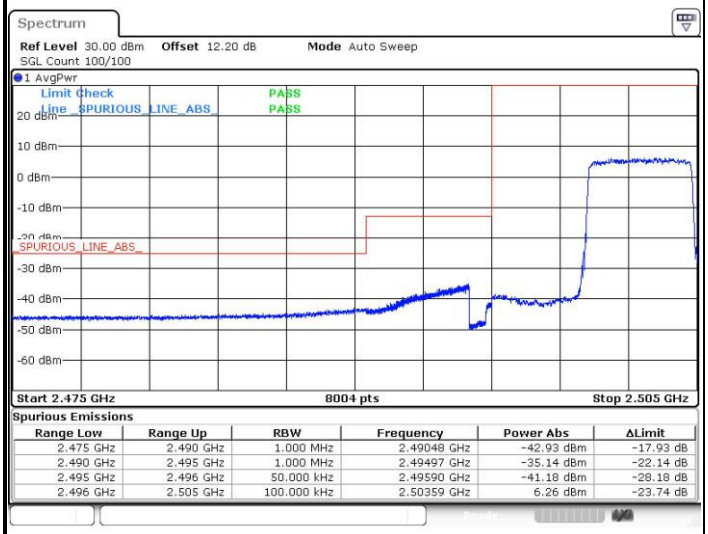


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	21.14 dBm	-8.86 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-17.58 dBm	-7.58 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57376 GHz	-27.01 dBm	-17.01 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-38.22 dBm	-25.22 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57840 GHz	-39.65 dBm	-14.65 dB

Date: 8.FEB.2016 17:17:45

Lowest Band Edge / Full RB

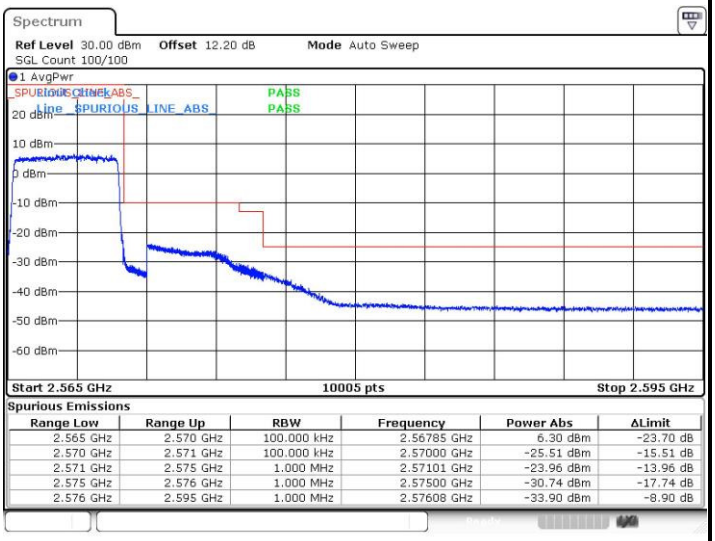


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-42.93 dBm	-17.93 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-35.14 dBm	-22.14 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49590 GHz	-41.18 dBm	-28.18 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50359 GHz	6.26 dBm	-23.74 dB

Date: 8.FEB.2016 17:10:01

Highest Band Edge / Full RB



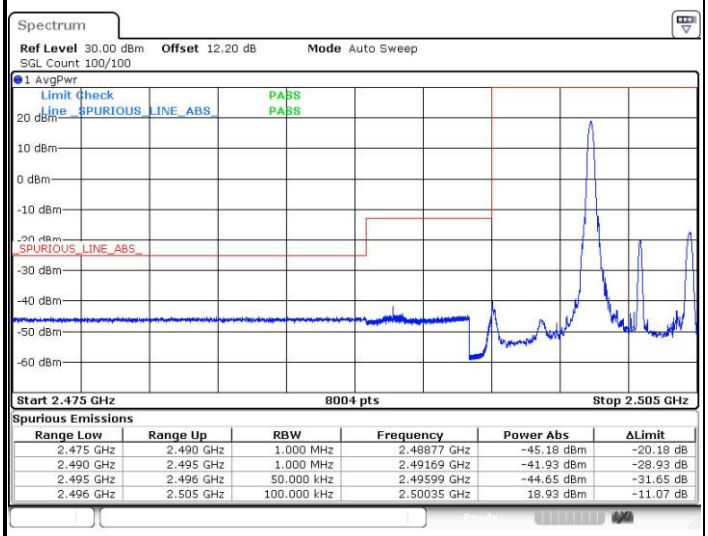
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56785 GHz	6.30 dBm	-23.70 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-25.51 dBm	-15.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-23.96 dBm	-13.96 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-30.74 dBm	-17.74 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57608 GHz	-33.90 dBm	-8.90 dB

Date: 8.FEB.2016 17:20:05

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

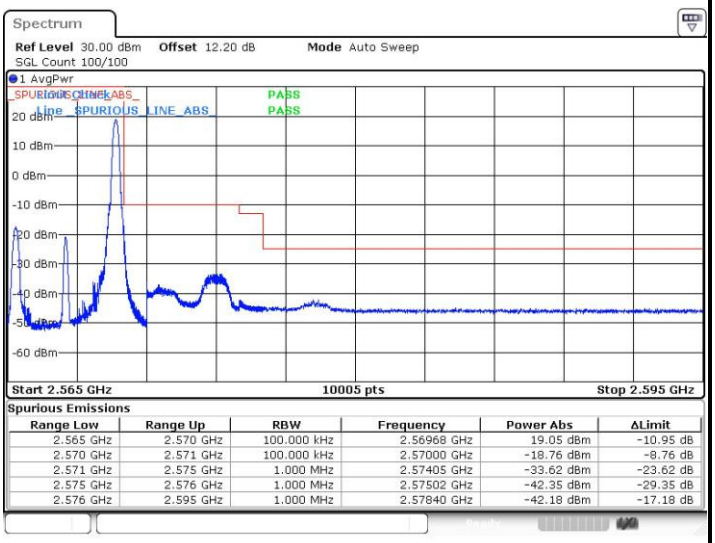


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48877 GHz	-45.18 dBm	-20.18 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49169 GHz	-41.93 dBm	-28.93 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-44.65 dBm	-31.65 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50035 GHz	18.93 dBm	-11.07 dB

Date: 8.FEB.2016 17:08:51

Highest Band Edge / 1 RB

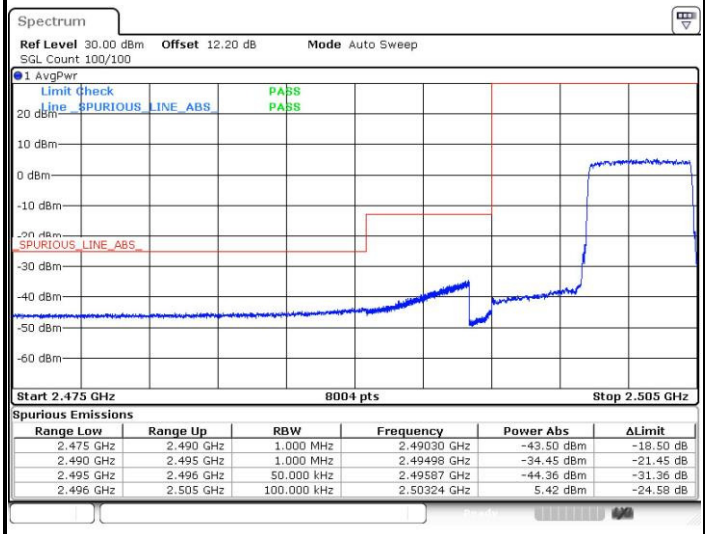


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	19.05 dBm	-10.95 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-18.76 dBm	-8.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57405 GHz	-33.62 dBm	-23.62 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57502 GHz	-42.35 dBm	-29.35 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57840 GHz	-42.18 dBm	-17.18 dB

Date: 8.FEB.2016 17:18:55

Lowest Band Edge / Full RB

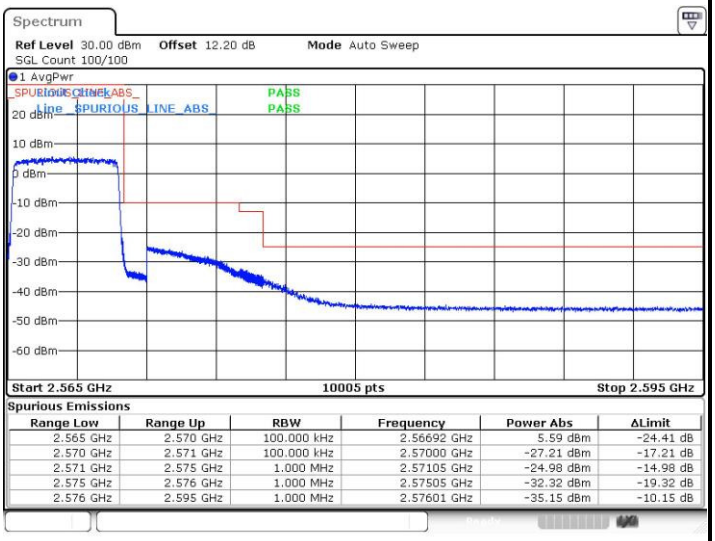


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49030 GHz	-43.50 dBm	-18.50 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-34.45 dBm	-21.45 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49587 GHz	-44.36 dBm	-31.36 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50324 GHz	5.42 dBm	-24.58 dB

Date: 8.FEB.2016 17:11:10

Highest Band Edge / Full RB



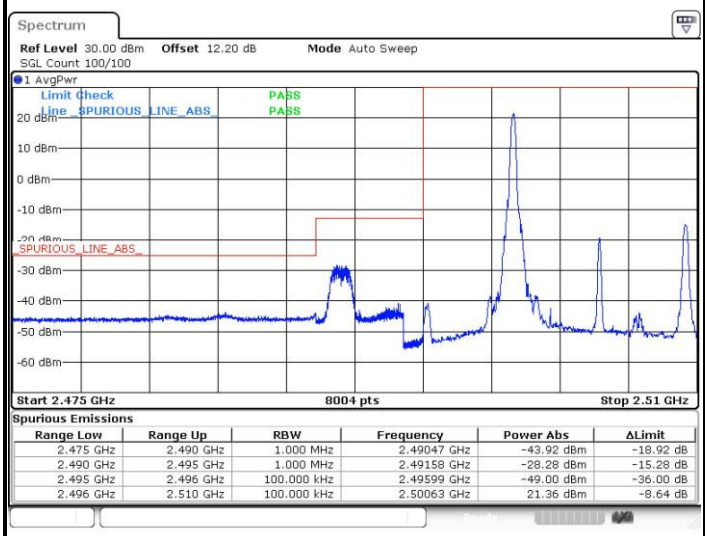
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56692 GHz	5.59 dBm	-24.41 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-27.21 dBm	-17.21 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-24.98 dBm	-14.98 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57505 GHz	-32.32 dBm	-19.32 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-35.15 dBm	-10.15 dB

Date: 8.FEB.2016 17:21:15

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

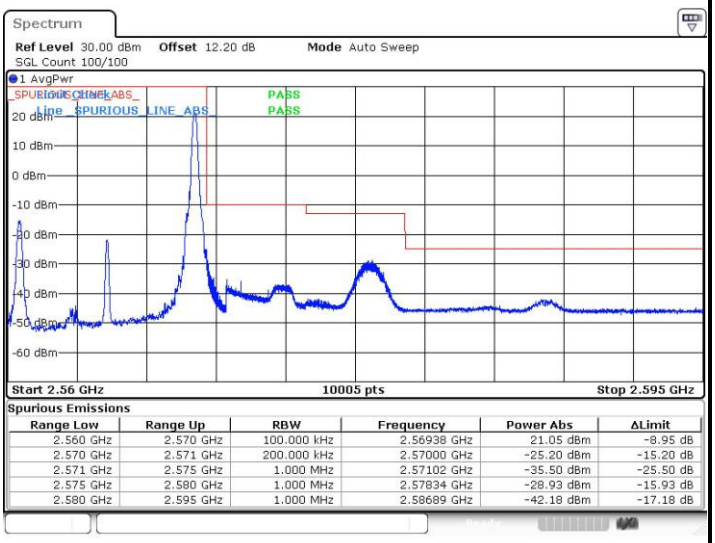


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-43.92 dBm	-18.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49158 GHz	-28.28 dBm	-15.28 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-49.00 dBm	-36.00 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50063 GHz	21.36 dBm	-8.64 dB

Date: 8.FEB.2016 17:25:07

Highest Band Edge / 1 RB

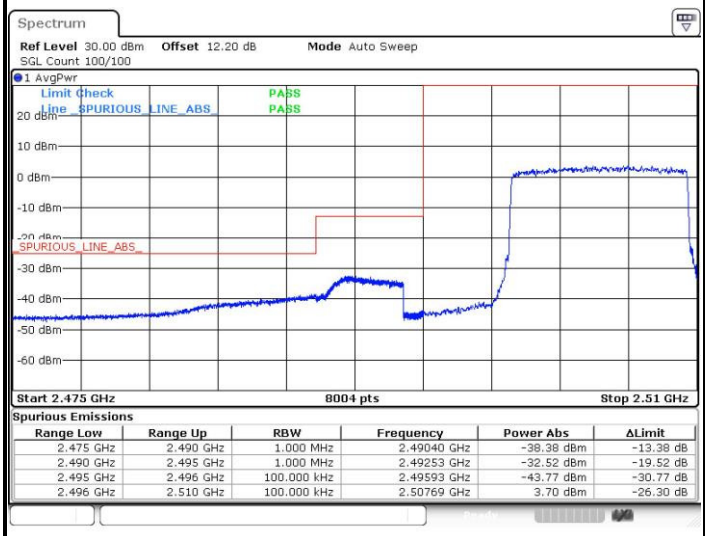


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56938 GHz	21.05 dBm	-8.95 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-25.20 dBm	-15.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-35.50 dBm	-25.50 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57834 GHz	-28.93 dBm	-15.93 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58689 GHz	-42.18 dBm	-17.18 dB

Date: 8.FEB.2016 17:35:10

Lowest Band Edge / Full RB

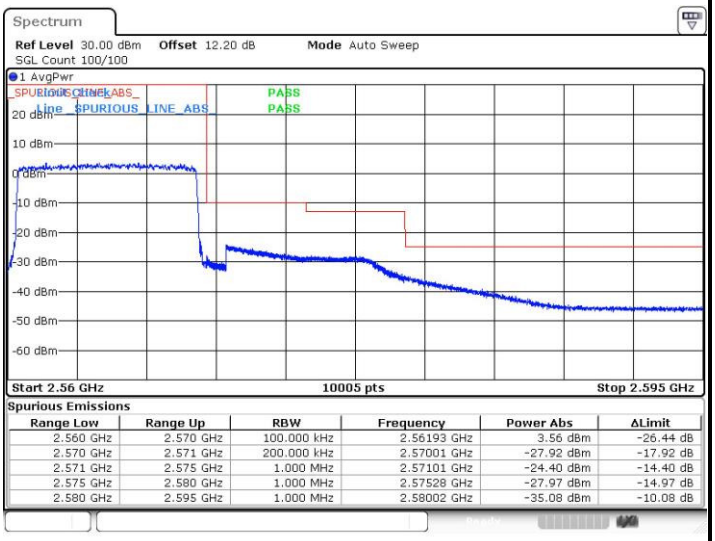


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-38.38 dBm	-13.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49253 GHz	-32.52 dBm	-19.52 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49593 GHz	-43.77 dBm	-30.77 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50769 GHz	3.70 dBm	-26.30 dB

Date: 8.FEB.2016 17:27:27

Highest Band Edge / Full RB



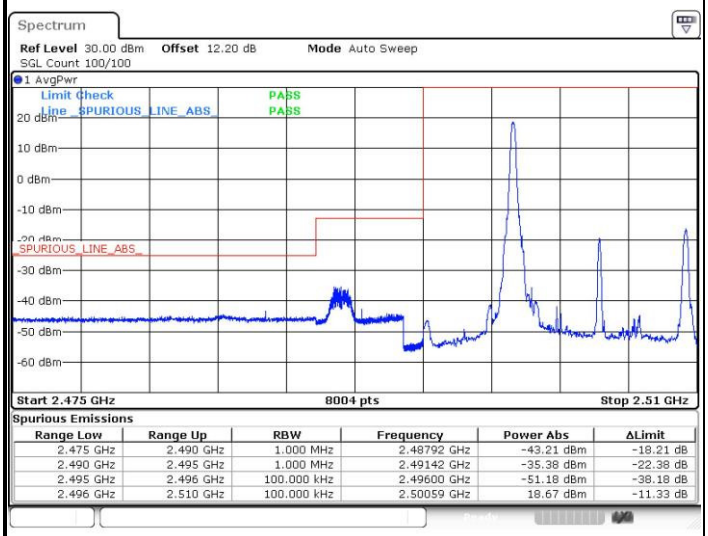
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56193 GHz	3.56 dBm	-26.44 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-27.92 dBm	-17.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-24.40 dBm	-14.40 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57528 GHz	-27.97 dBm	-14.97 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58002 GHz	-35.08 dBm	-10.08 dB

Date: 8.FEB.2016 17:37:30

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

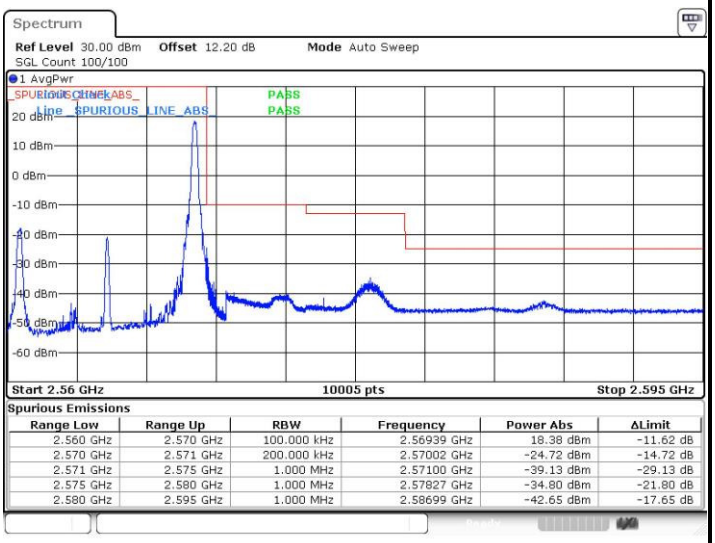


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48792 GHz	-43.21 dBm	-18.21 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49142 GHz	-35.38 dBm	-22.38 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-51.18 dBm	-38.18 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	18.67 dBm	-11.33 dB

Date: 8.FEB.2016 17:26:17

Highest Band Edge / 1 RB

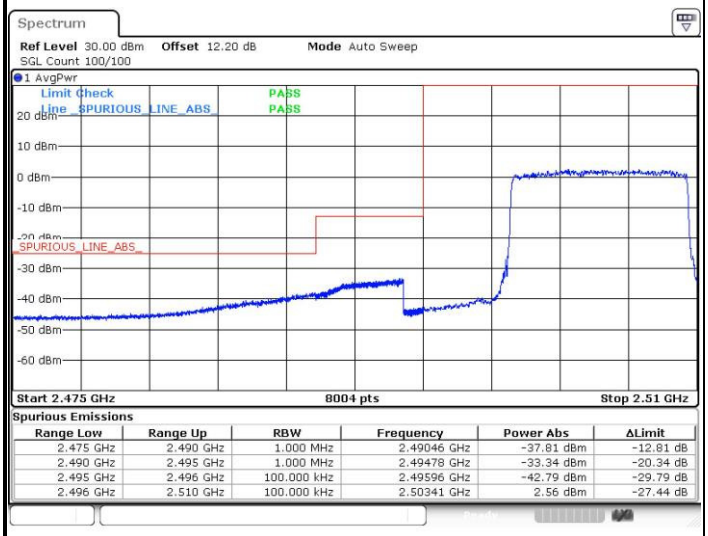


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	18.38 dBm	-11.62 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-24.72 dBm	-14.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-39.13 dBm	-29.13 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57827 GHz	-34.80 dBm	-21.80 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58699 GHz	-42.65 dBm	-17.65 dB

Date: 8.FEB.2016 17:36:20

Lowest Band Edge / Full RB

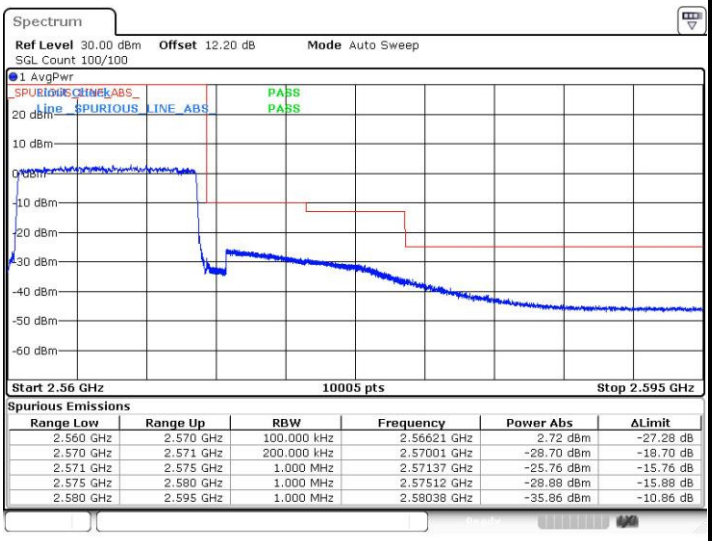


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-37.81 dBm	-12.81 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49478 GHz	-33.34 dBm	-20.34 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49596 GHz	-42.79 dBm	-29.79 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50341 GHz	2.56 dBm	-27.44 dB

Date: 8.FEB.2016 17:28:36

Highest Band Edge / Full RB



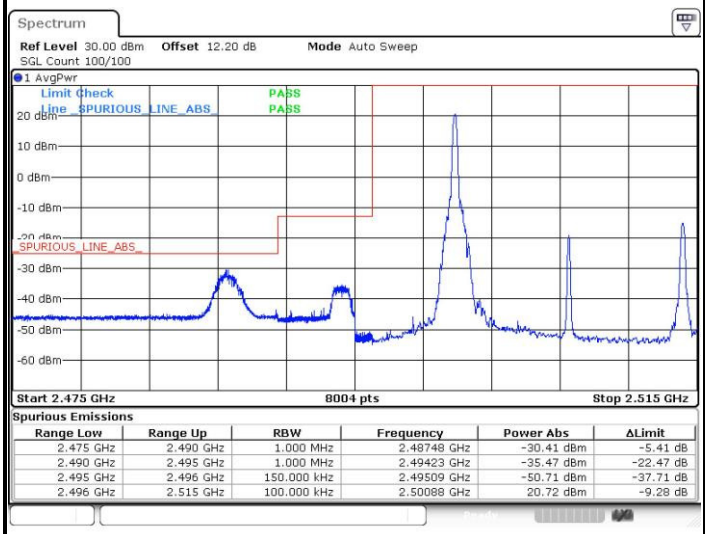
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56621 GHz	2.72 dBm	-27.28 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-28.70 dBm	-18.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57137 GHz	-25.76 dBm	-15.76 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57512 GHz	-28.88 dBm	-15.88 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58038 GHz	-35.86 dBm	-10.86 dB

Date: 8.FEB.2016 17:38:40

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

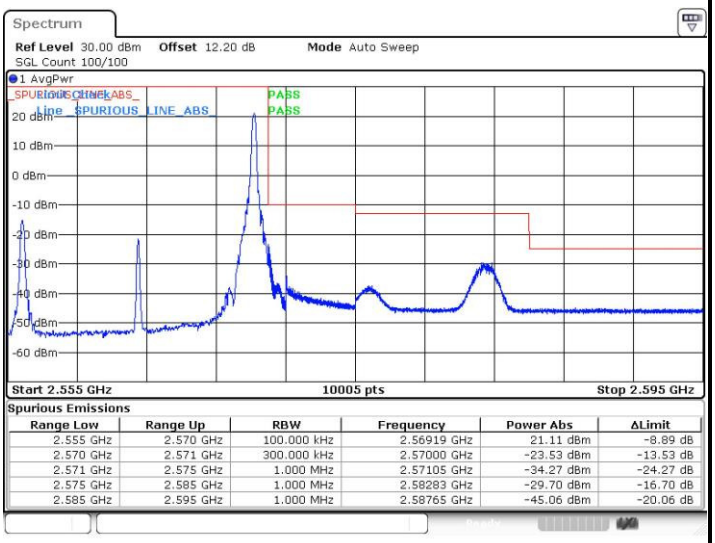


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48748 GHz	-30.41 dBm	-5.41 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49423 GHz	-35.47 dBm	-22.47 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49509 GHz	-50.71 dBm	-37.71 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50088 GHz	20.72 dBm	-9.28 dB

Date: 8.FEB.2016 17:42:32

Highest Band Edge / 1 RB

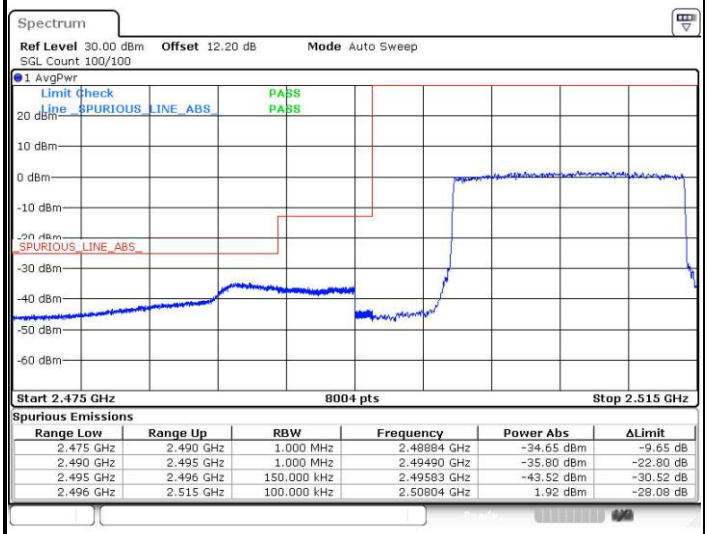


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56919 GHz	21.11 dBm	-8.89 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-23.53 dBm	-13.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-34.27 dBm	-24.27 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58283 GHz	-29.70 dBm	-16.70 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58765 GHz	-45.06 dBm	-20.06 dB

Date: 8.FEB.2016 17:52:36

Lowest Band Edge / Full RB

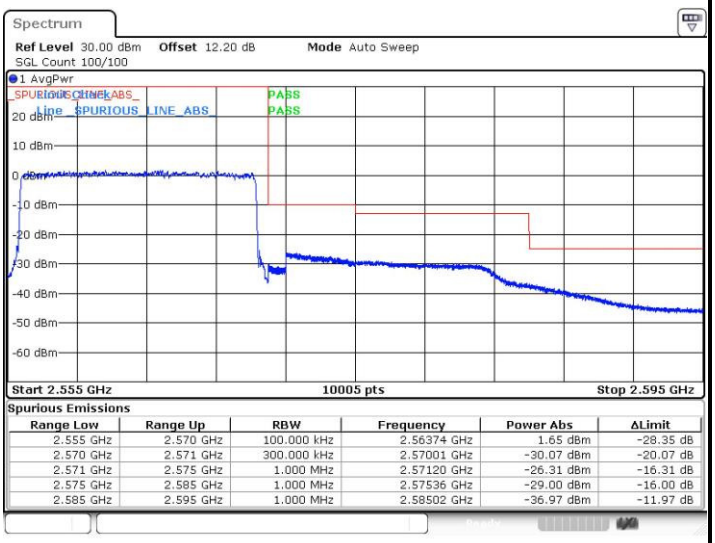


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48884 GHz	-34.65 dBm	-9.65 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49490 GHz	-35.80 dBm	-22.80 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49583 GHz	-43.52 dBm	-30.52 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50804 GHz	1.92 dBm	-28.08 dB

Date: 8.FEB.2016 17:44:52

Highest Band Edge / Full RB



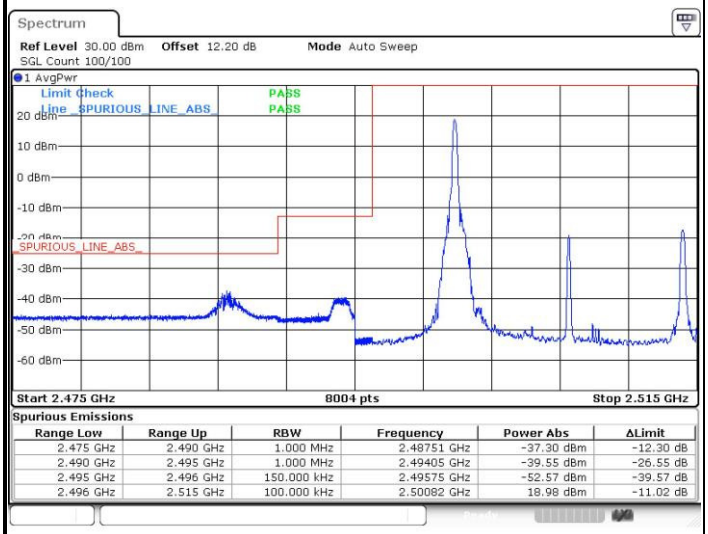
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56374 GHz	1.65 dBm	-28.35 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-30.07 dBm	-20.07 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-26.31 dBm	-16.31 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57536 GHz	-29.00 dBm	-16.00 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58502 GHz	-36.97 dBm	-11.97 dB

Date: 8.FEB.2016 17:54:56

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

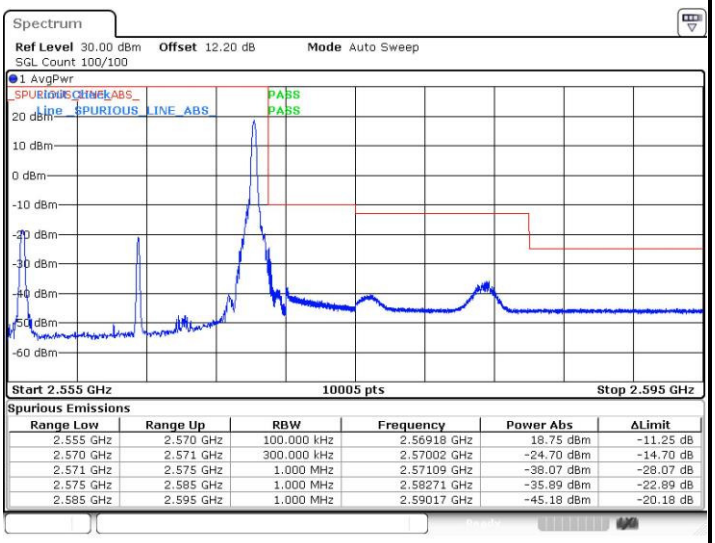


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48751 GHz	-37.30 dBm	-12.30 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49405 GHz	-39.55 dBm	-26.55 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49575 GHz	-52.57 dBm	-39.57 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	18.98 dBm	-11.02 dB

Date: 8.FEB.2016 17:43:42

Highest Band Edge / 1 RB

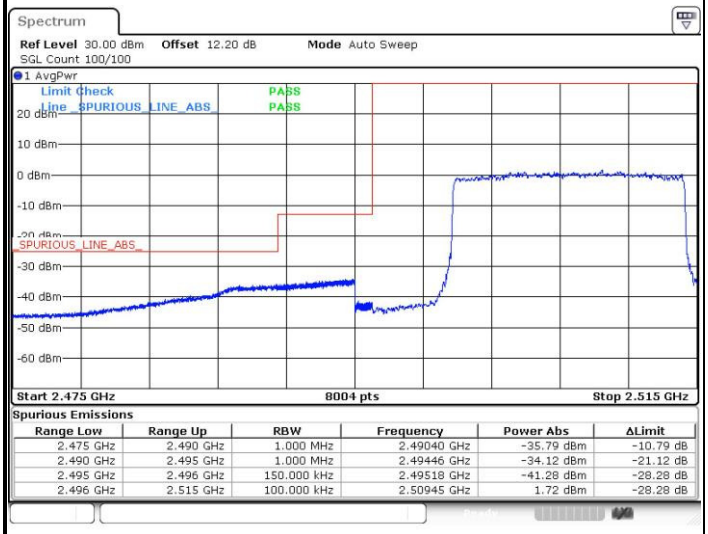


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56918 GHz	18.75 dBm	-11.25 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-24.70 dBm	-14.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-38.07 dBm	-28.07 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58271 GHz	-35.89 dBm	-22.89 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59017 GHz	-45.18 dBm	-20.18 dB

Date: 8.FEB.2016 17:53:46

Lowest Band Edge / Full RB

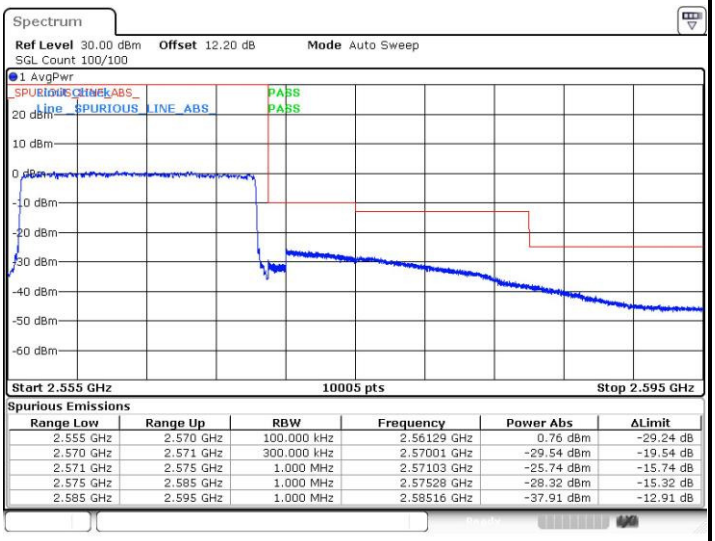


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-35.79 dBm	-10.79 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49446 GHz	-34.12 dBm	-21.12 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49518 GHz	-41.28 dBm	-28.28 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50945 GHz	1.72 dBm	-28.28 dB

Date: 8.FEB.2016 17:46:02

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56129 GHz	0.76 dBm	-29.24 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-29.54 dBm	-19.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-25.74 dBm	-15.74 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57528 GHz	-28.32 dBm	-15.32 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58516 GHz	-37.91 dBm	-12.91 dB

Date: 8.FEB.2016 17:56:06