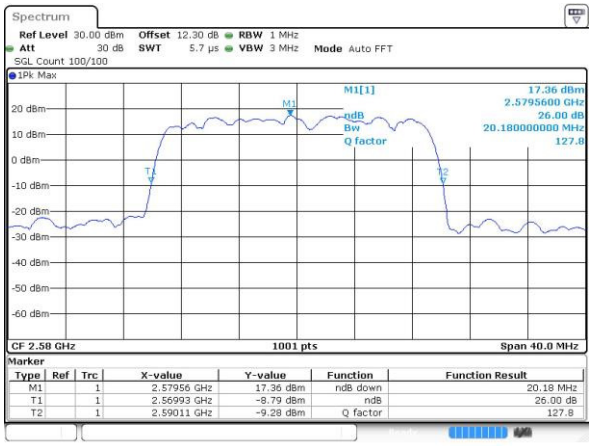
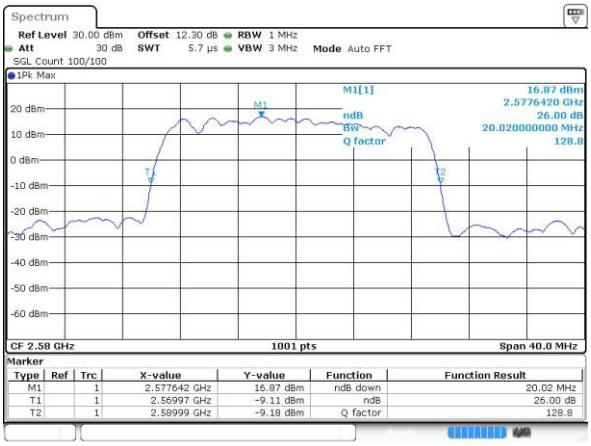
LTE Band 38

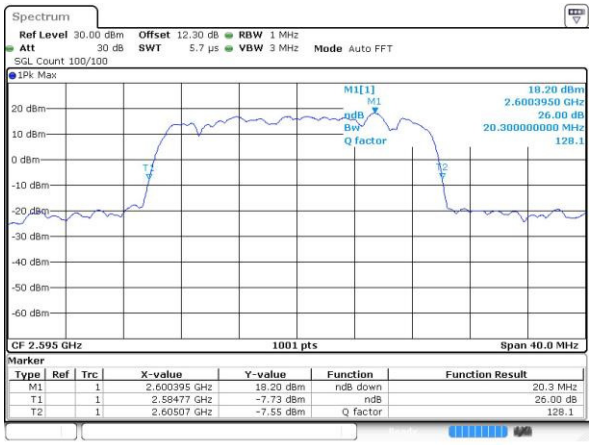
Lowest Channel / 20MHz / QPSK



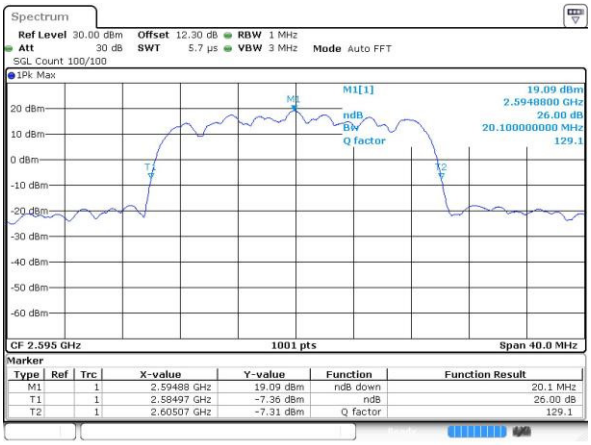
Lowest Channel / 20MHz / 16QAM



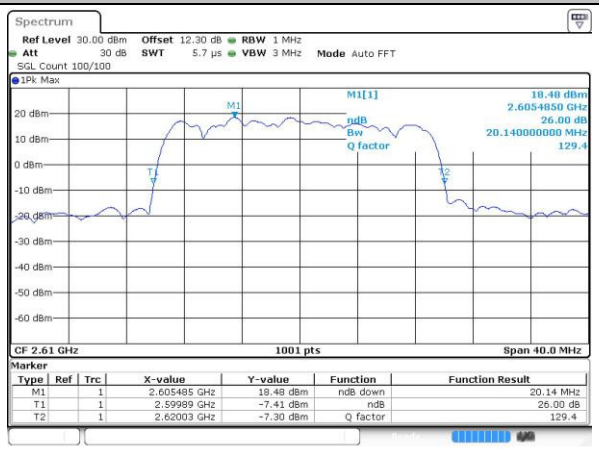
Middle Channel / 20MHz / QPSK



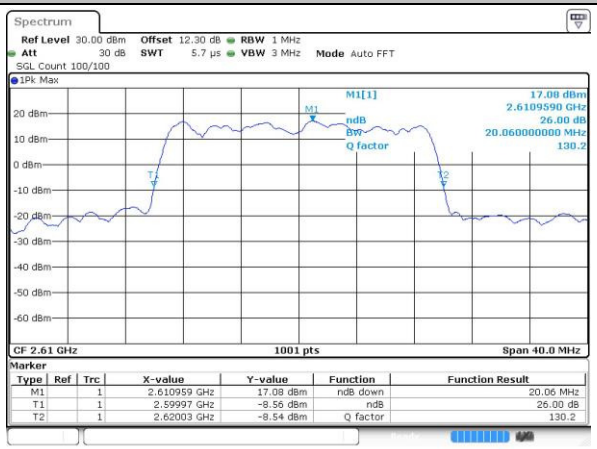
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

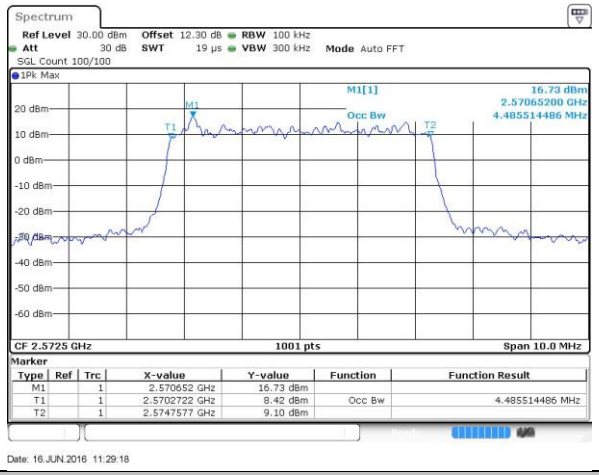


Occupied Bandwidth

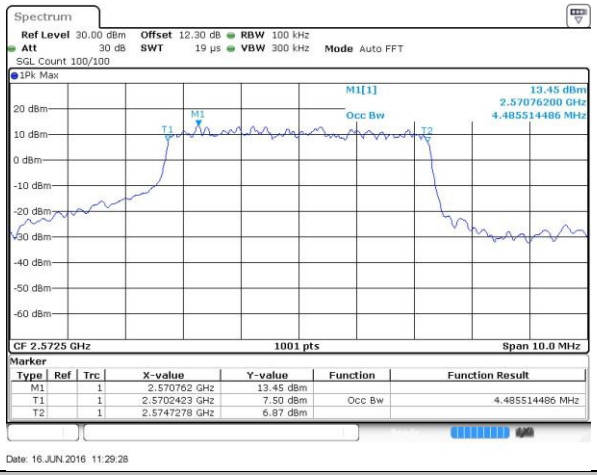
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.03	8.99	13.34	13.4	18.38	18.18
Middle CH	-	-	-	-	4.48	4.47	9.01	8.91	13.46	13.4	18.5	18.22
Highest CH	-	-	-	-	4.46	4.49	8.95	8.99	13.4	13.43	18.14	18.42

LTE Band 38

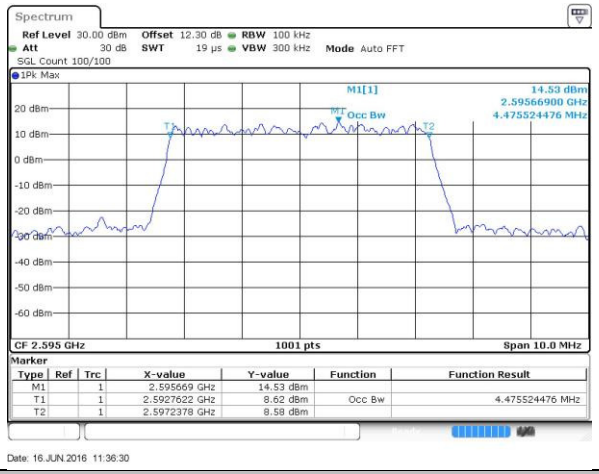
Lowest Channel / 5MHz / QPSK



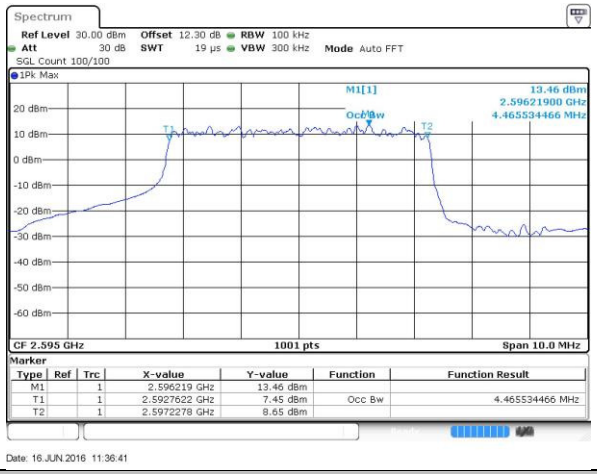
Lowest Channel / 5MHz / 16QAM



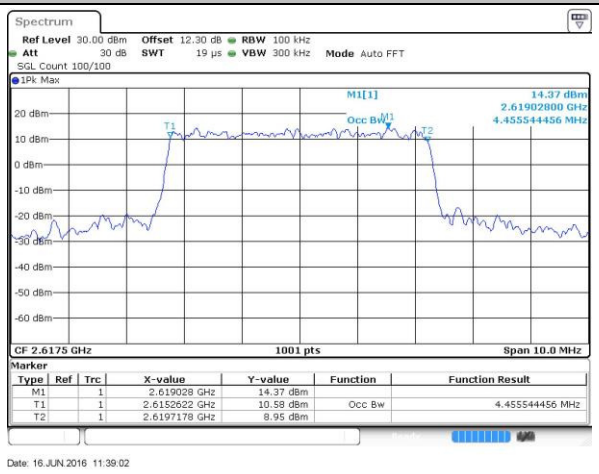
Middle Channel / 5MHz / QPSK



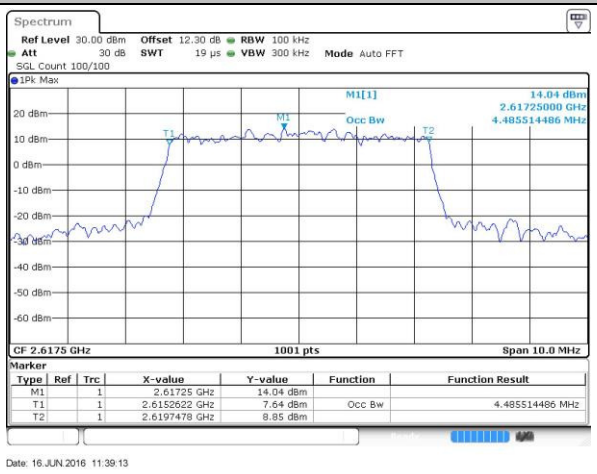
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

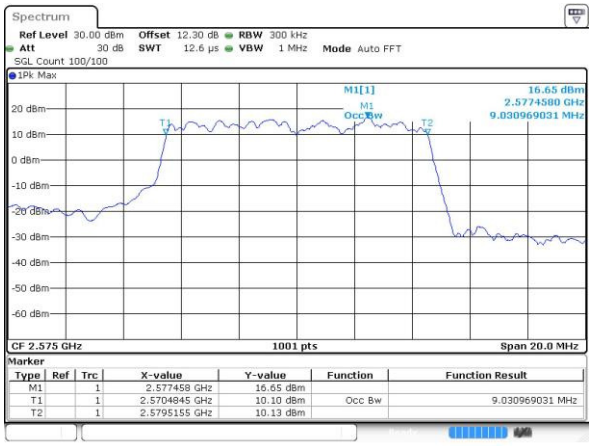


Highest Channel / 5MHz / 16QAM

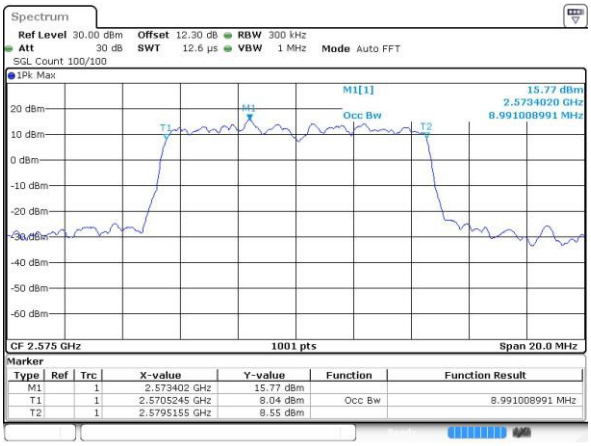


LTE Band 38

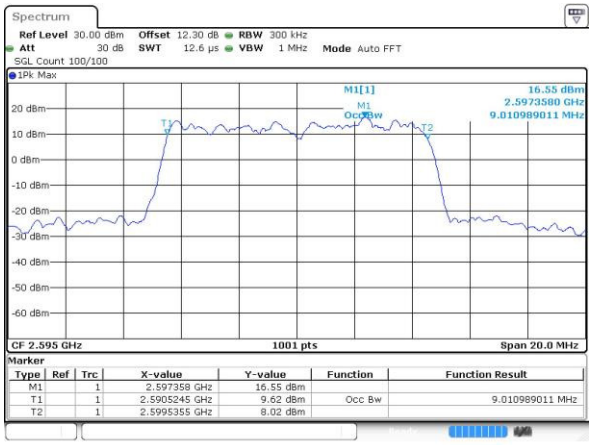
Lowest Channel / 10MHz / QPSK



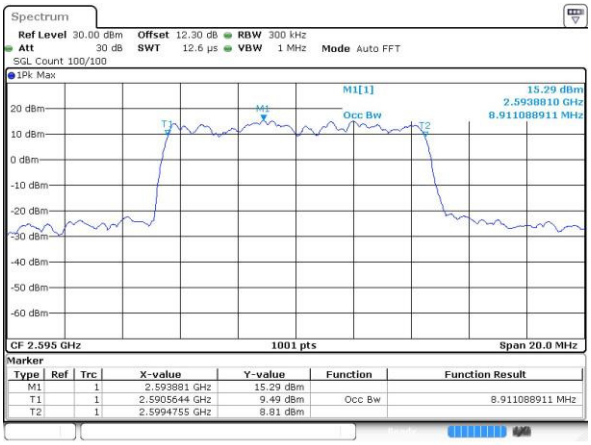
Lowest Channel / 10MHz / 16QAM



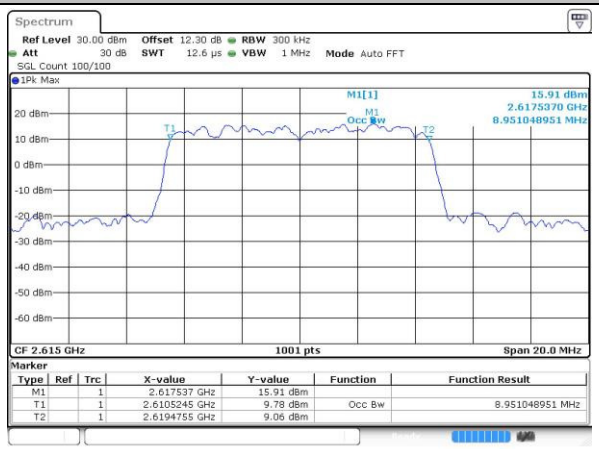
Middle Channel / 10MHz / QPSK



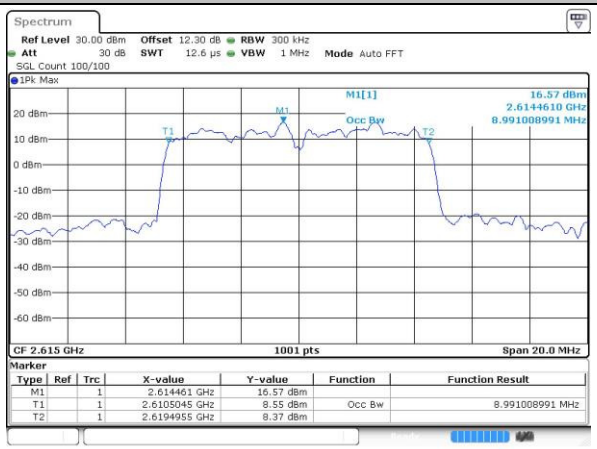
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

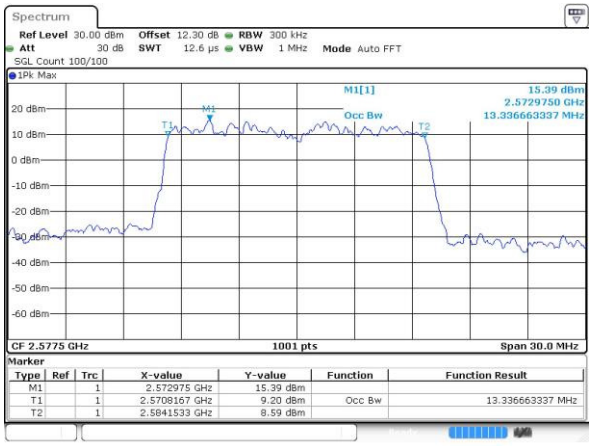


Highest Channel / 10MHz / 16QAM



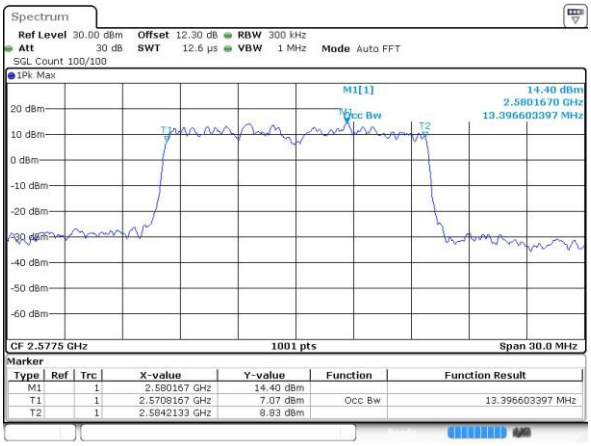
LTE Band 38

Lowest Channel / 15MHz / QPSK



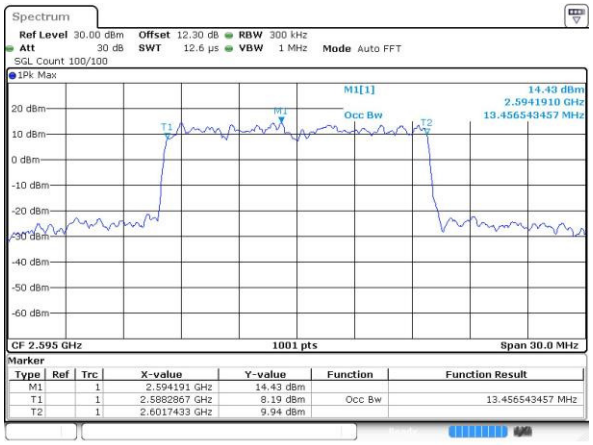
Date: 16.JUN.2016 12:03:11

Lowest Channel / 15MHz / 16QAM



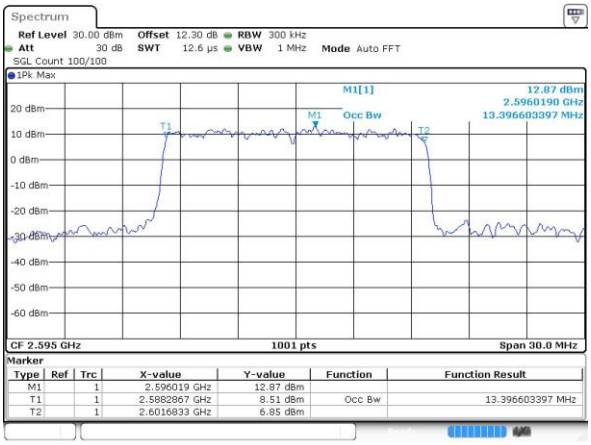
Date: 16.JUN.2016 12:03:22

Middle Channel / 15MHz / QPSK



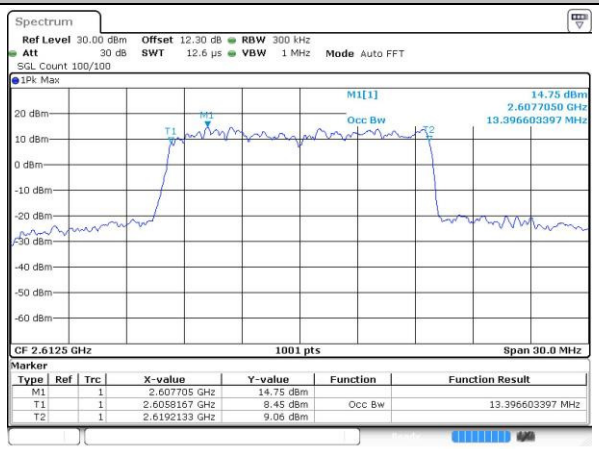
Date: 16.JUN.2016 12:10:23

Middle Channel / 15MHz / 16QAM



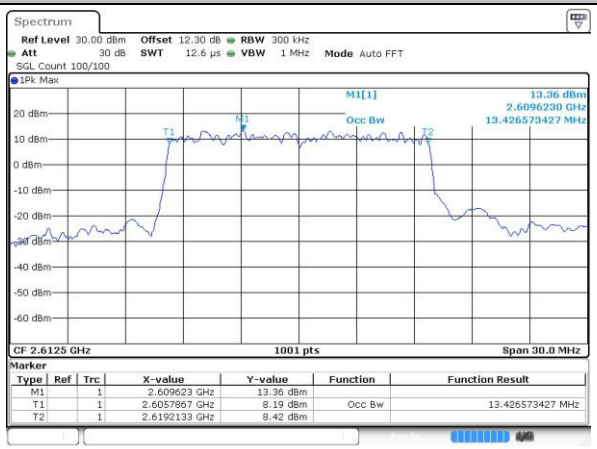
Date: 16.JUN.2016 12:10:34

Highest Channel / 15MHz / QPSK



Date: 16.JUN.2016 12:12:55

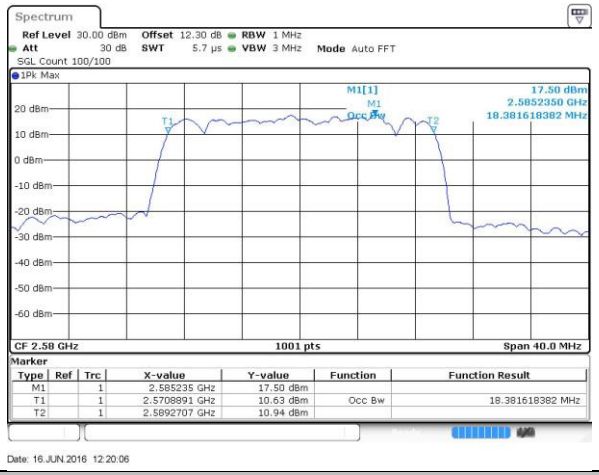
Highest Channel / 15MHz / 16QAM



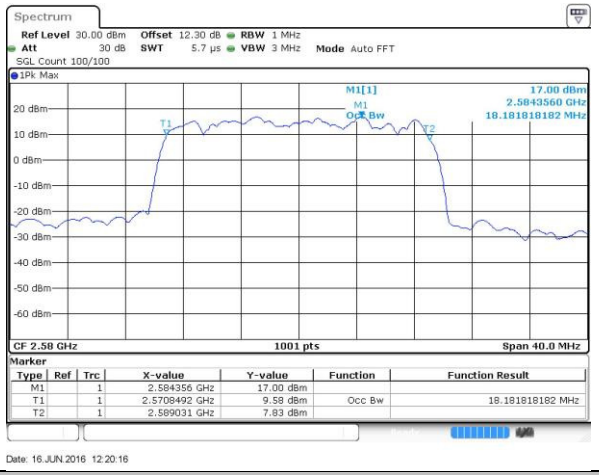
Date: 16.JUN.2016 12:13:05

LTE Band 38

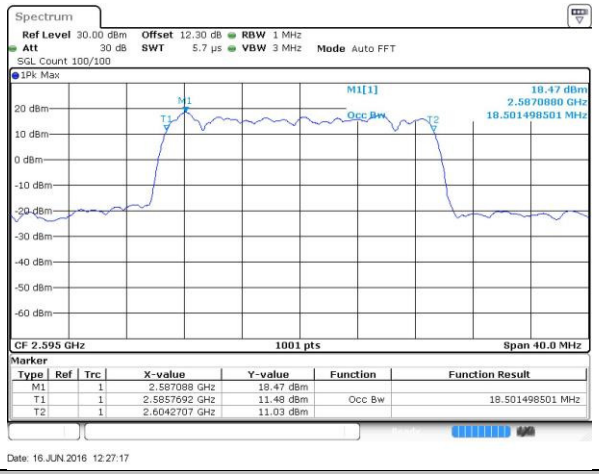
Lowest Channel / 20MHz / QPSK



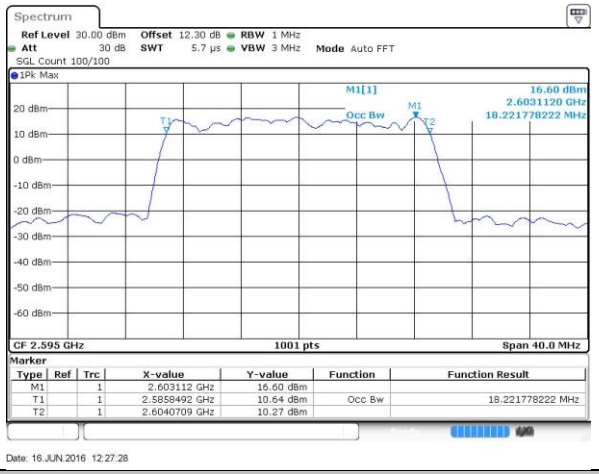
Lowest Channel / 20MHz / 16QAM



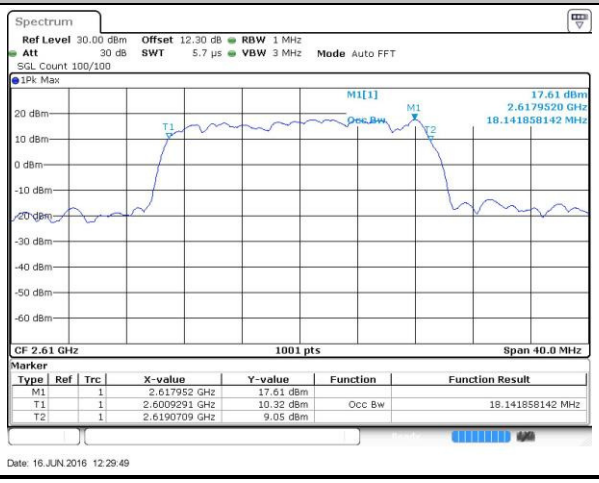
Middle Channel / 20MHz / QPSK



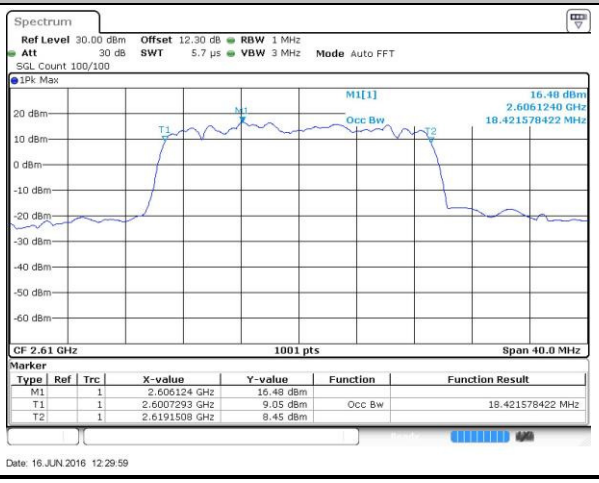
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



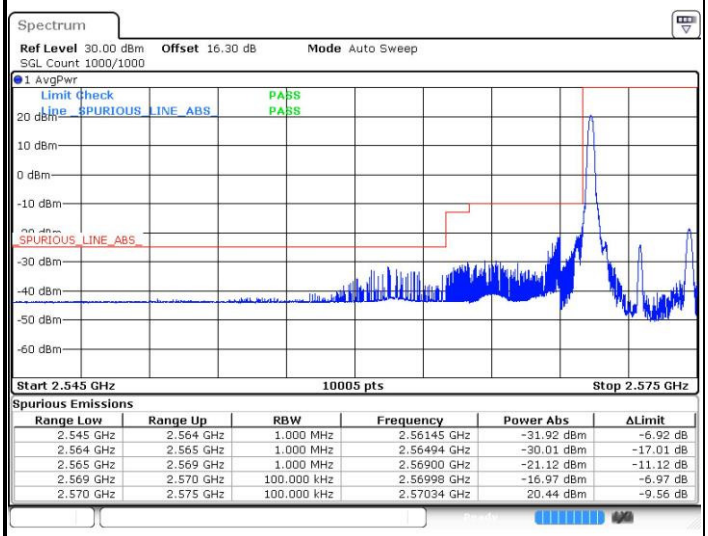
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB

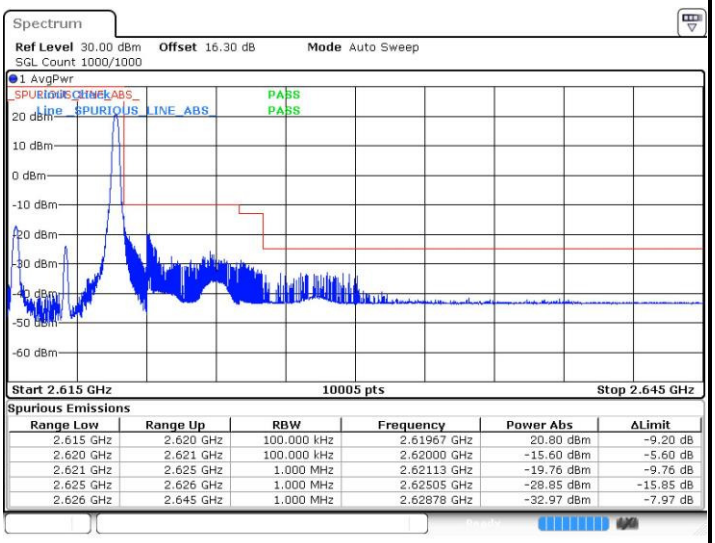


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56145 GHz	-31.92 dBm	-6.92 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56494 GHz	-30.01 dBm	-17.01 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56900 GHz	-21.12 dBm	-11.12 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56998 GHz	-16.97 dBm	-6.97 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57034 GHz	20.44 dBm	-9.56 dB

Date: 16.JUN.2016 19:12:20

Highest Band Edge / 1 RB

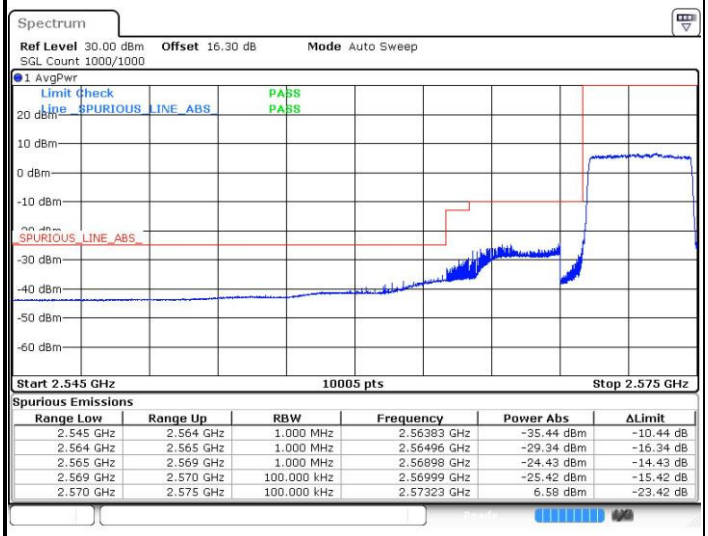


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61967 GHz	20.80 dBm	-9.20 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-15.60 dBm	-5.60 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62113 GHz	-19.76 dBm	-9.76 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62505 GHz	-28.85 dBm	-15.85 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62878 GHz	-32.97 dBm	-7.97 dB

Date: 16.JUN.2016 19:19:16

Lowest Band Edge / Full RB

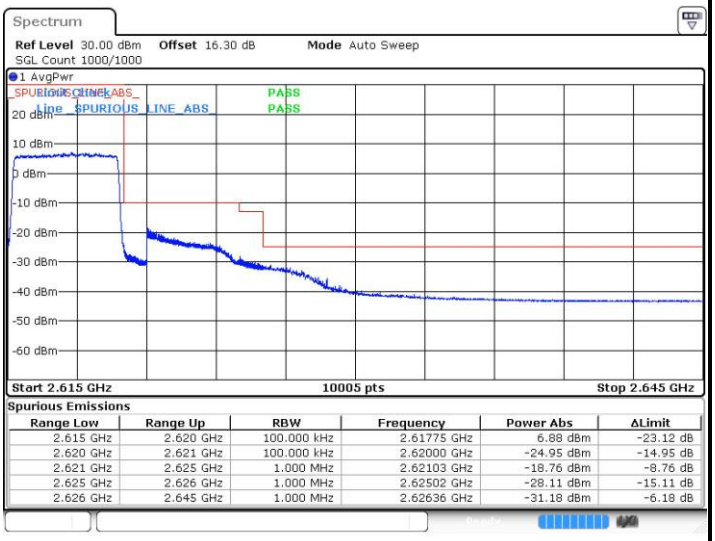


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56383 GHz	-35.44 dBm	-10.44 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56496 GHz	-29.34 dBm	-16.34 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-24.43 dBm	-14.43 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-25.42 dBm	-15.42 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57323 GHz	6.58 dBm	-23.42 dB

Date: 16.JUN.2016 19:14:39

Highest Band Edge / Full RB



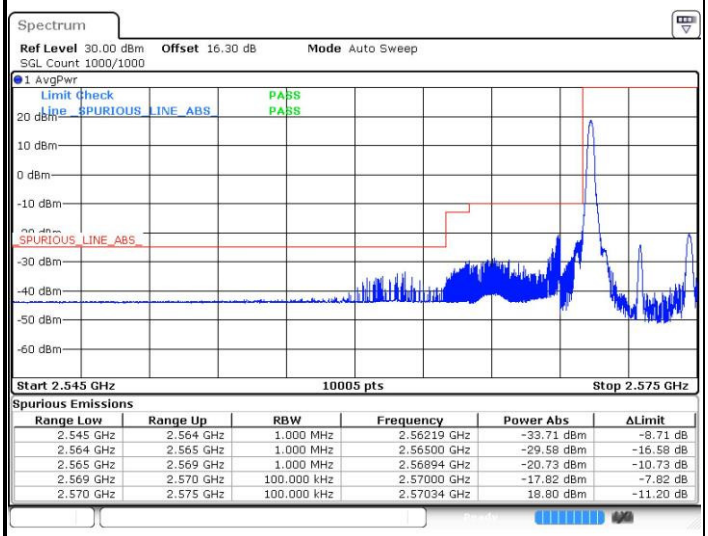
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61775 GHz	6.88 dBm	-23.12 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-24.95 dBm	-14.95 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-18.76 dBm	-8.76 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62502 GHz	-28.11 dBm	-15.11 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62636 GHz	-31.18 dBm	-6.18 dB

Date: 16.JUN.2016 19:16:58

LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB

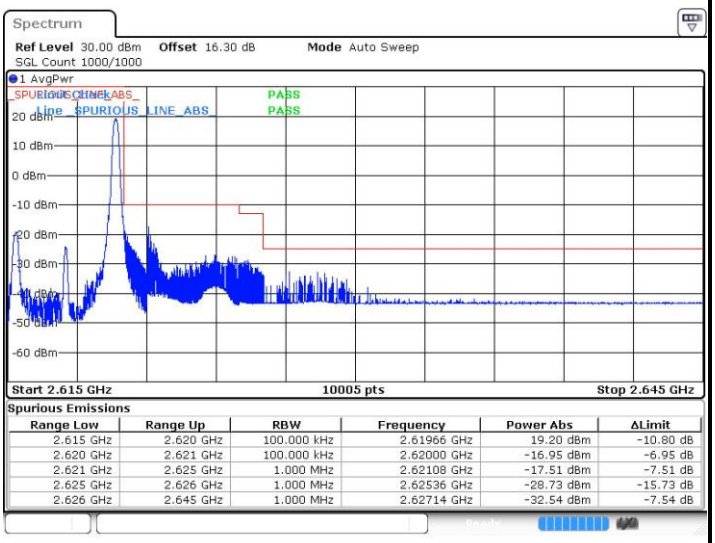


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56219 GHz	-33.71 dBm	-8.71 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56500 GHz	-29.58 dBm	-16.58 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56894 GHz	-20.73 dBm	-10.73 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-17.82 dBm	-7.82 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57034 GHz	18.80 dBm	-11.20 dB

Date: 16.JUN.2016 19:13:30

Highest Band Edge / 1 RB

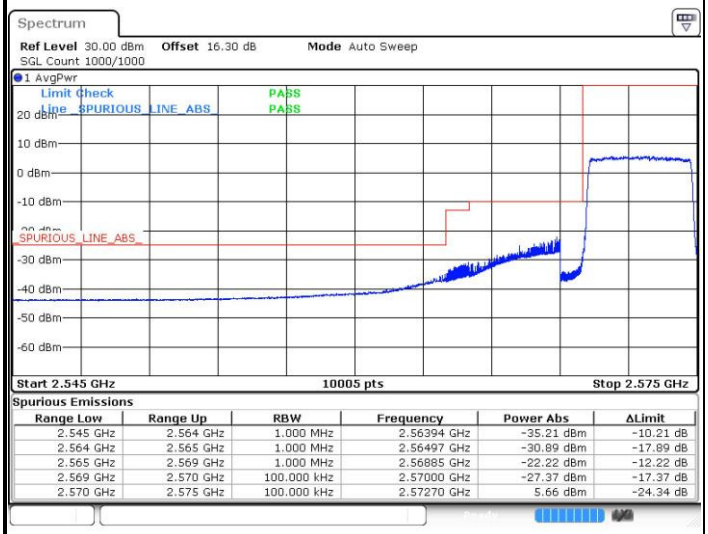


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61966 GHz	19.20 dBm	-10.80 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-16.95 dBm	-6.95 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62108 GHz	-17.51 dBm	-7.51 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62536 GHz	-28.73 dBm	-15.73 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62714 GHz	-32.54 dBm	-7.54 dB

Date: 16.JUN.2016 19:20:25

Lowest Band Edge / Full RB

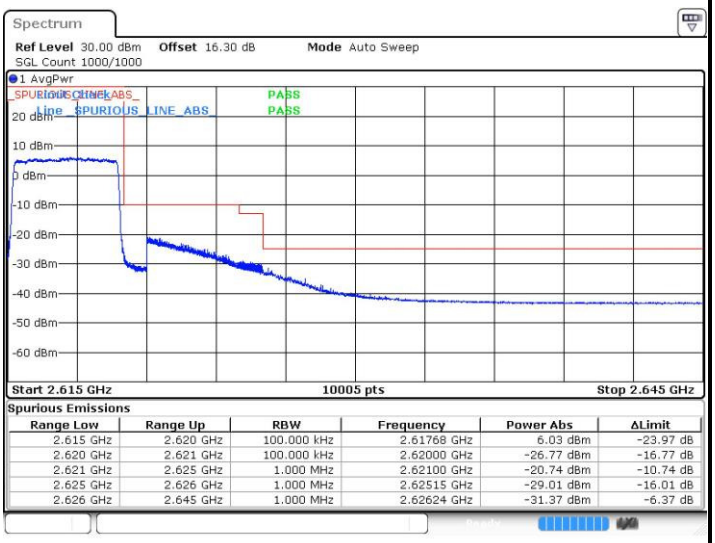


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56394 GHz	-35.21 dBm	-10.21 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56497 GHz	-30.89 dBm	-17.89 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56885 GHz	-22.22 dBm	-12.22 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-27.37 dBm	-17.37 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57270 GHz	5.66 dBm	-24.34 dB

Date: 16.JUN.2016 19:15:48

Highest Band Edge / Full RB



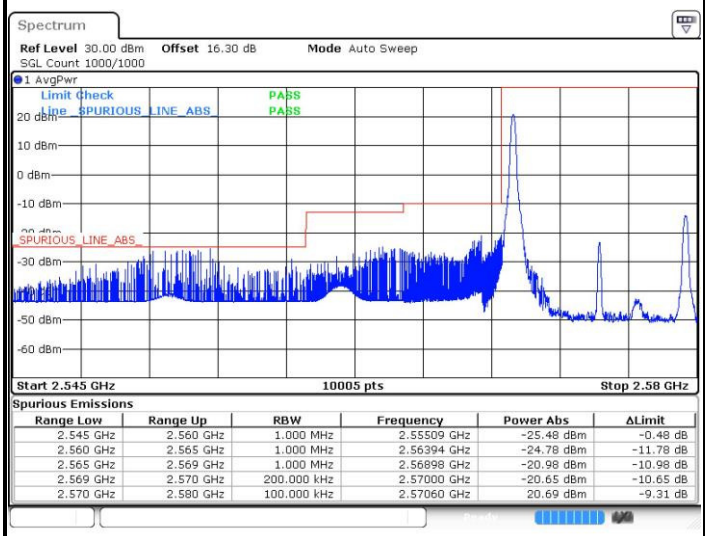
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61768 GHz	6.03 dBm	-23.97 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-26.77 dBm	-16.77 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62100 GHz	-20.74 dBm	-10.74 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62515 GHz	-29.01 dBm	-16.01 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62624 GHz	-31.37 dBm	-6.37 dB

Date: 16.JUN.2016 19:18:07

LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55509 GHz	-25.48 dBm	-0.48 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56394 GHz	-24.78 dBm	-11.78 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-20.98 dBm	-10.98 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.57000 GHz	-20.65 dBm	-10.65 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57060 GHz	20.69 dBm	-9.31 dB

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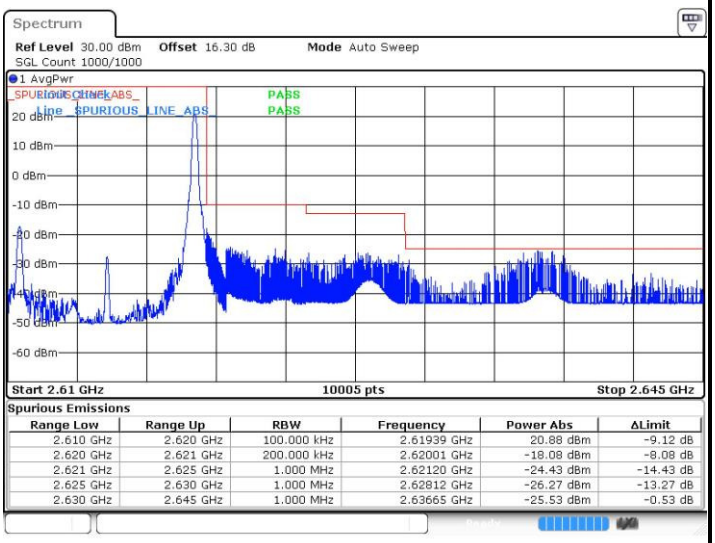
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61939 GHz	20.88 dBm	-9.12 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62001 GHz	-18.08 dBm	-8.08 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62120 GHz	-24.43 dBm	-14.43 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62812 GHz	-26.27 dBm	-13.27 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63665 GHz	-25.53 dBm	-0.53 dB

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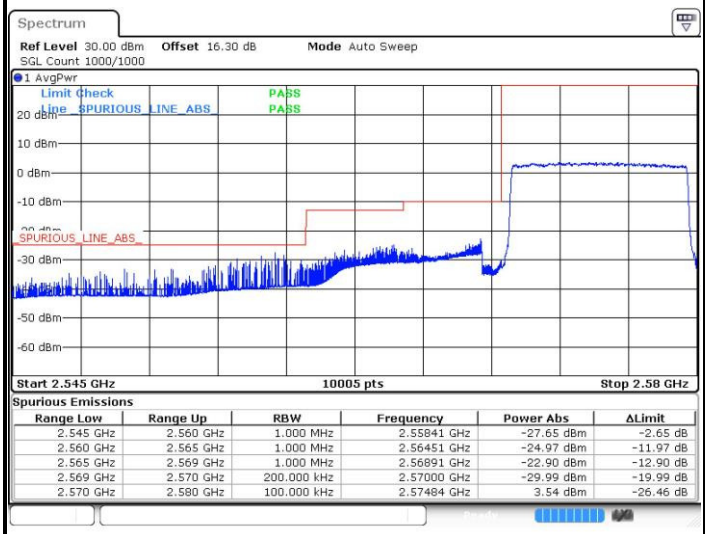
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55841 GHz	-27.65 dBm	-2.65 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56451 GHz	-24.97 dBm	-11.97 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56891 GHz	-22.90 dBm	-12.90 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.57000 GHz	-29.99 dBm	-19.99 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57484 GHz	3.54 dBm	-26.46 dB

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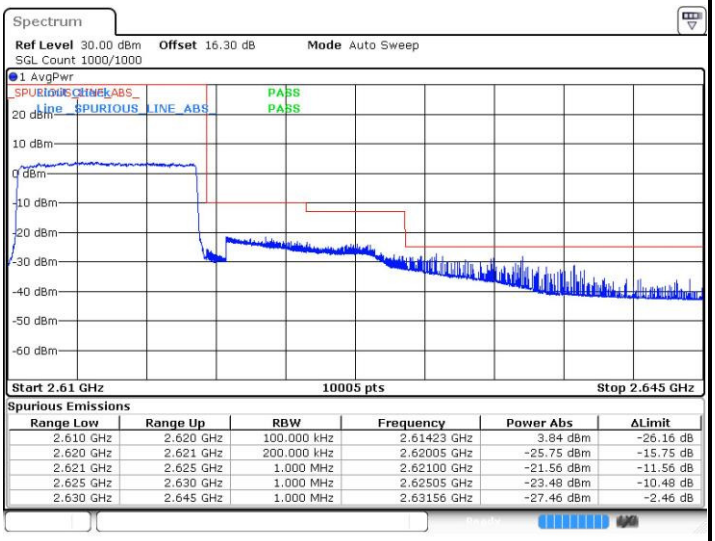
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61423 GHz	3.84 dBm	-26.16 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62005 GHz	-25.75 dBm	-15.75 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62100 GHz	-21.56 dBm	-11.56 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62505 GHz	-23.48 dBm	-10.48 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63156 GHz	-27.46 dBm	-2.46 dB

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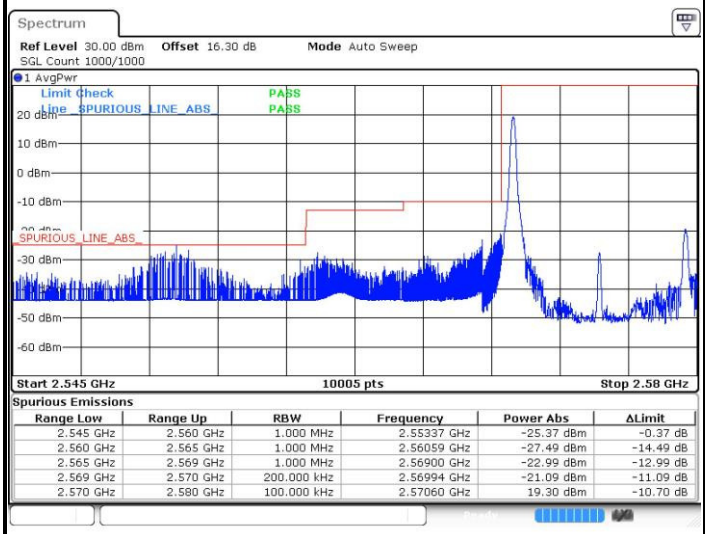
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55337 GHz	-25.37 dBm	-0.37 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56059 GHz	-27.49 dBm	-14.49 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56900 GHz	-22.99 dBm	-12.99 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56994 GHz	-21.09 dBm	-11.09 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57060 GHz	19.30 dBm	-10.70 dB

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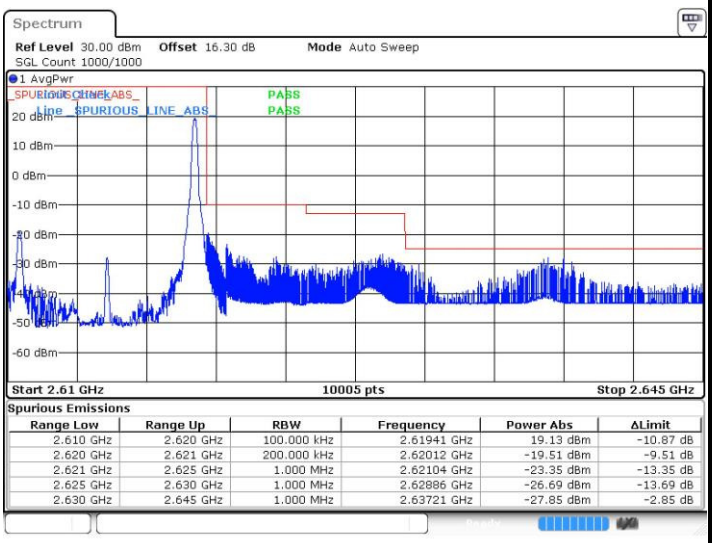
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61941 GHz	19.13 dBm	-10.87 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62012 GHz	-19.51 dBm	-9.51 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62104 GHz	-23.35 dBm	-13.35 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62886 GHz	-26.69 dBm	-13.69 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63721 GHz	-27.85 dBm	-2.85 dB

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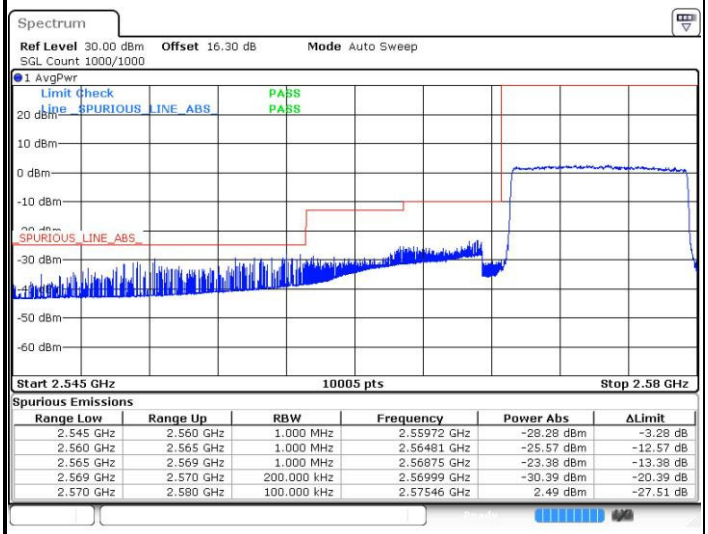
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55972 GHz	-28.28 dBm	-3.28 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56481 GHz	-25.57 dBm	-12.57 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56875 GHz	-23.38 dBm	-13.38 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56999 GHz	-30.39 dBm	-20.39 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57546 GHz	2.49 dBm	-27.51 dB

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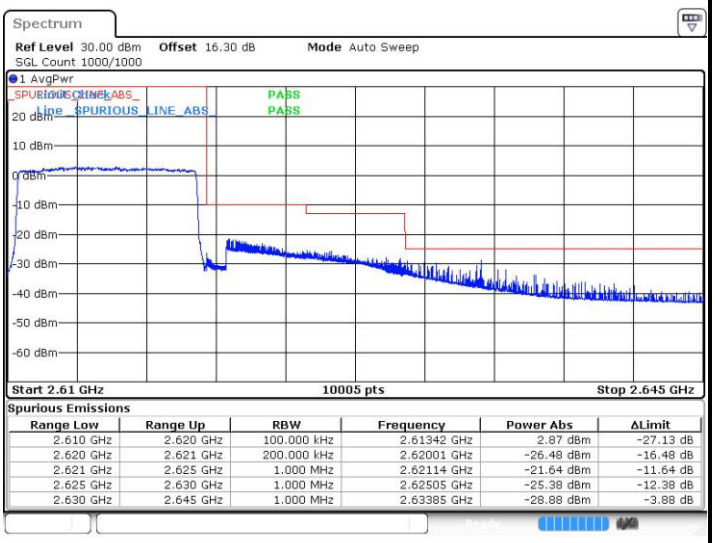
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61342 GHz	2.87 dBm	-27.13 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62001 GHz	-26.48 dBm	-16.48 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62114 GHz	-21.64 dBm	-11.64 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62505 GHz	-25.38 dBm	-12.38 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63385 GHz	-28.88 dBm	-3.88 dB

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