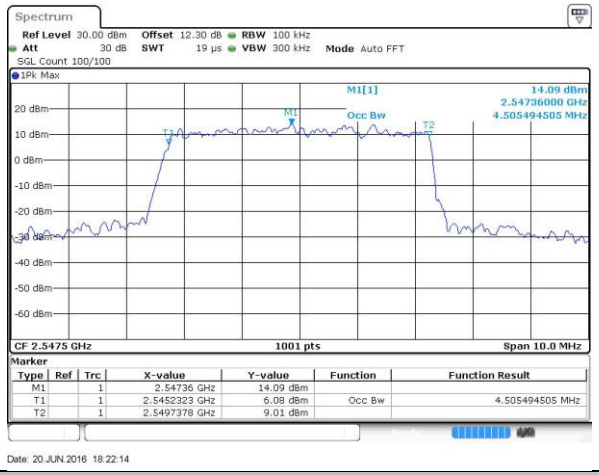
Occupied Bandwidth

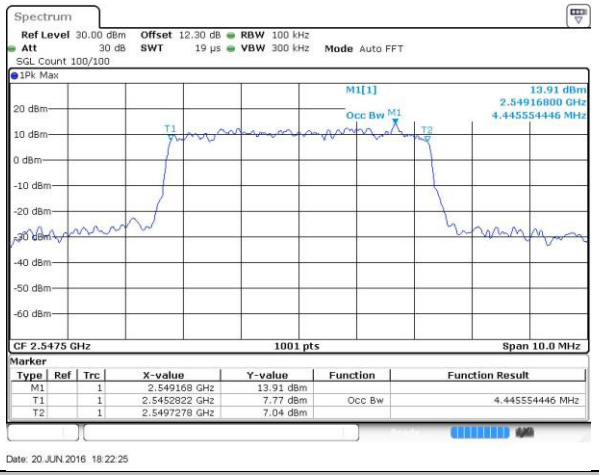
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.45	9.03	9.03	13.49	13.37	18.34	18.3
Middle CH	-	-	-	-	4.46	4.48	8.99	9.03	13.4	13.43	18.42	18.38
Highest CH	-	-	-	-	4.51	4.47	9.07	8.97	13.43	13.46	18.38	18.42

LTE Band 41

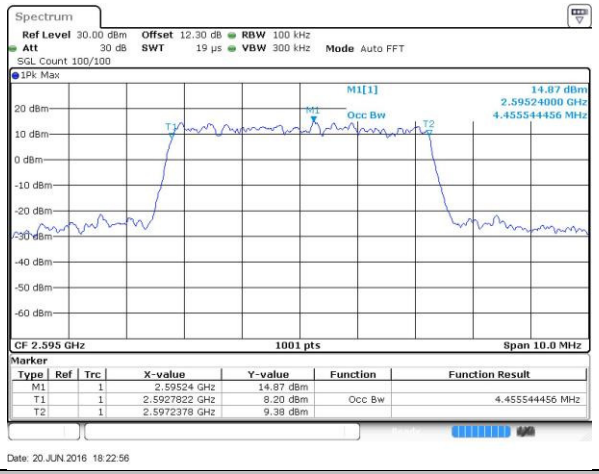
Lowest Channel / 5MHz / QPSK



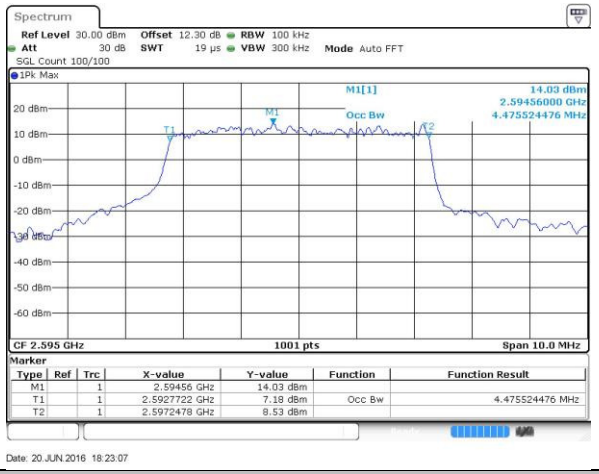
Lowest Channel / 5MHz / 16QAM



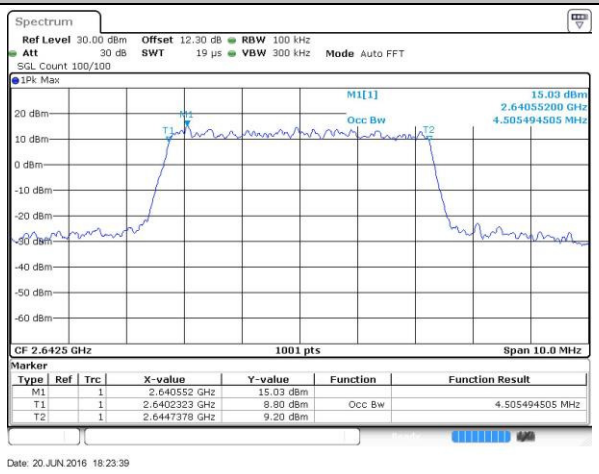
Middle Channel / 5MHz / QPSK



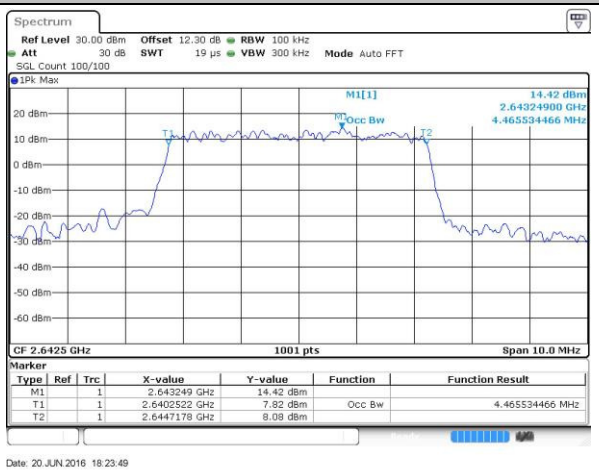
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

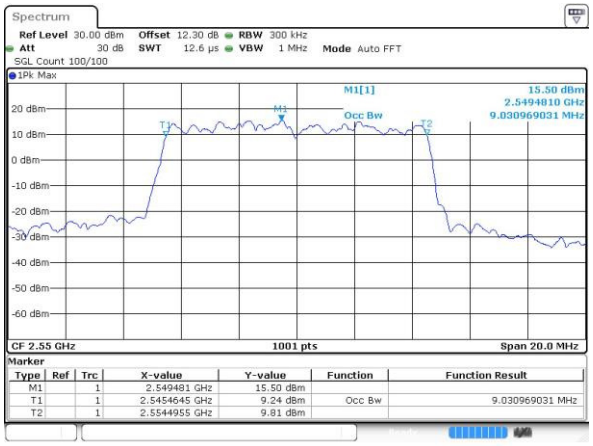


Highest Channel / 5MHz / 16QAM



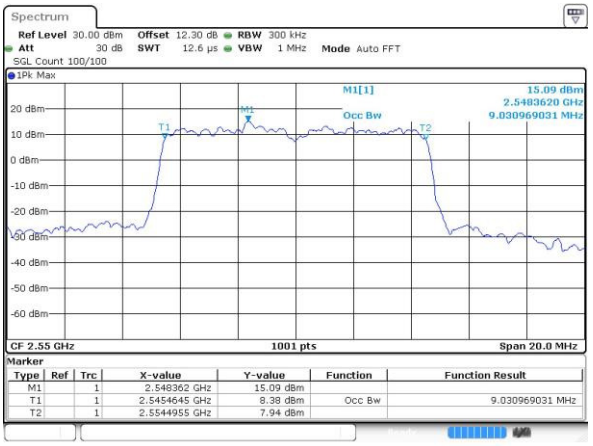
LTE Band 41

Lowest Channel / 10MHz / QPSK



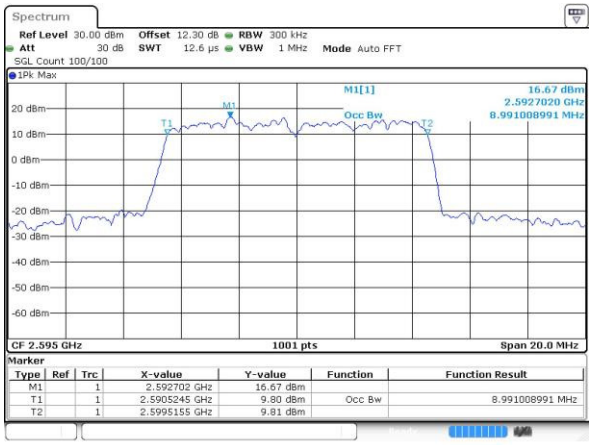
Date: 20.JUN.2016 18:24:21

Lowest Channel / 10MHz / 16QAM



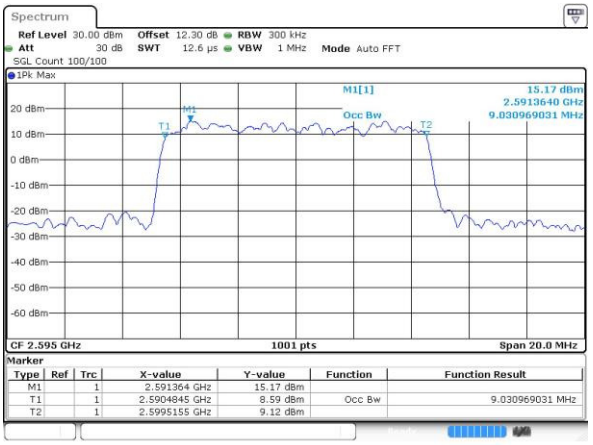
Date: 20.JUN.2016 18:24:32

Middle Channel / 10MHz / QPSK



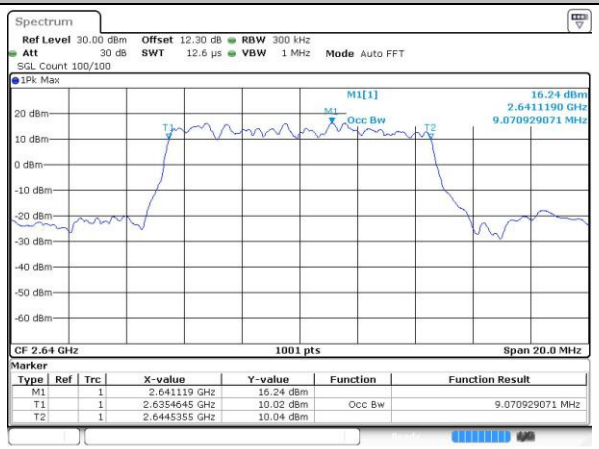
Date: 20.JUN.2016 18:25:03

Middle Channel / 10MHz / 16QAM



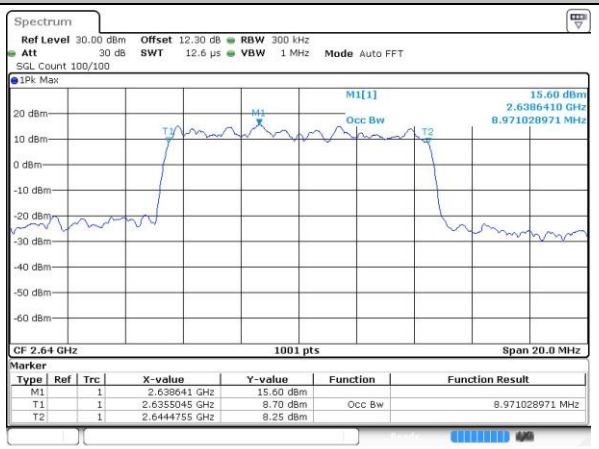
Date: 20.JUN.2016 18:25:14

Highest Channel / 10MHz / QPSK



Date: 20.JUN.2016 18:25:45

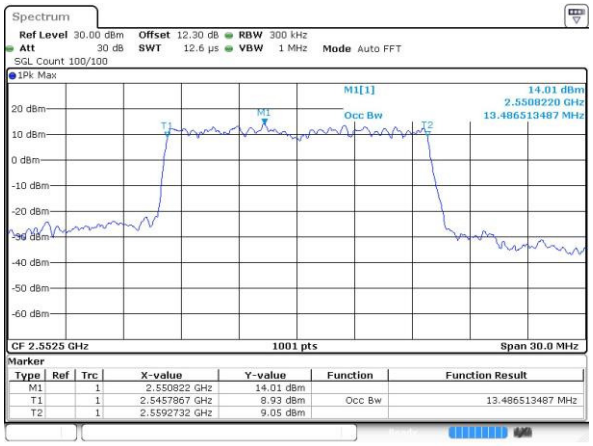
Highest Channel / 10MHz / 16QAM



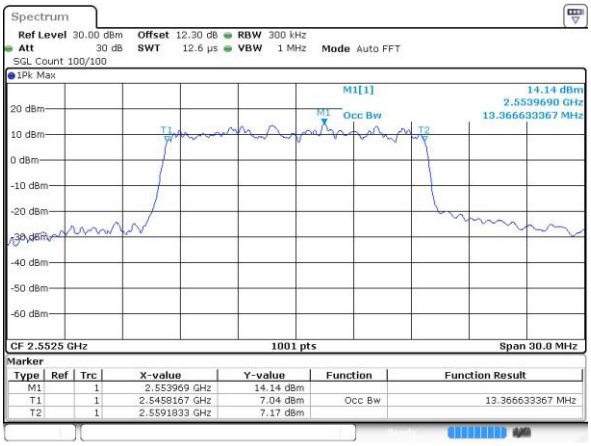
Date: 20.JUN.2016 18:25:56

LTE Band 41

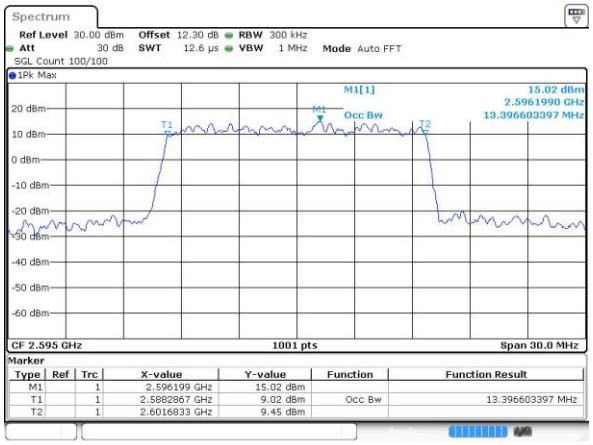
Lowest Channel / 15MHz / QPSK



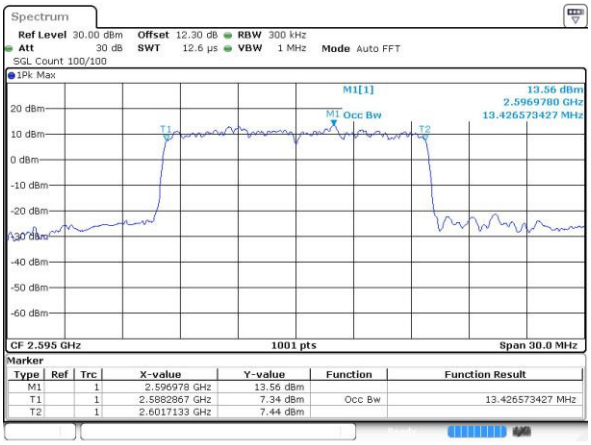
Lowest Channel / 15MHz / 16QAM



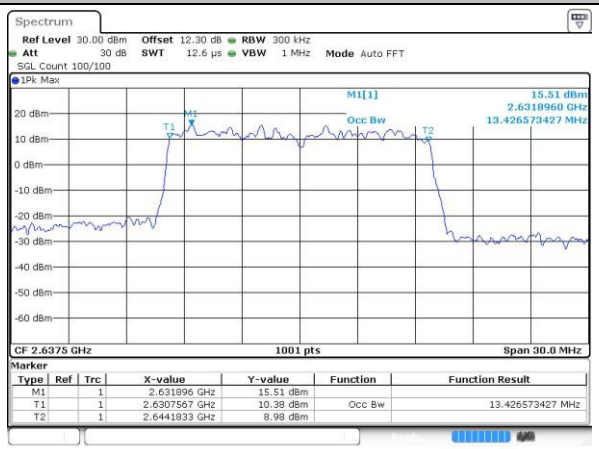
Middle Channel / 15MHz / QPSK



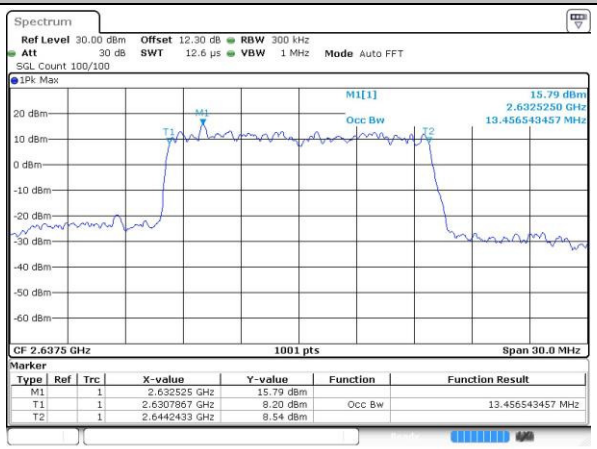
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

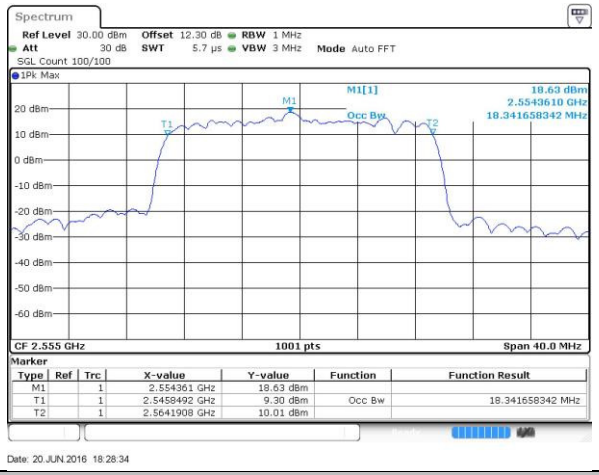


Highest Channel / 15MHz / 16QAM

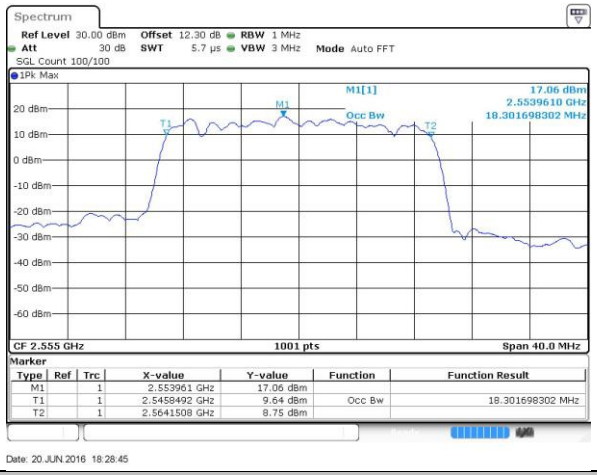


LTE Band 41

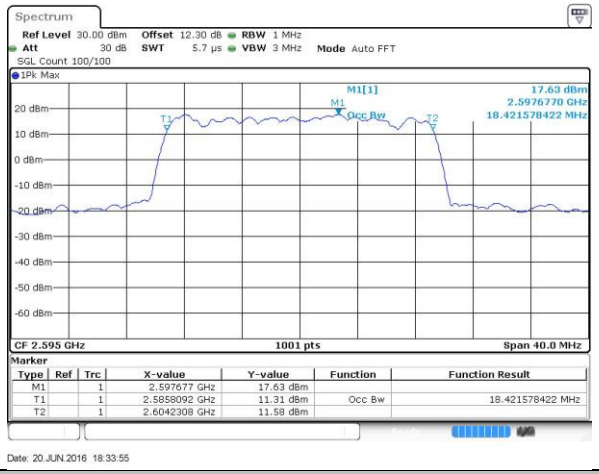
Lowest Channel / 20MHz / QPSK



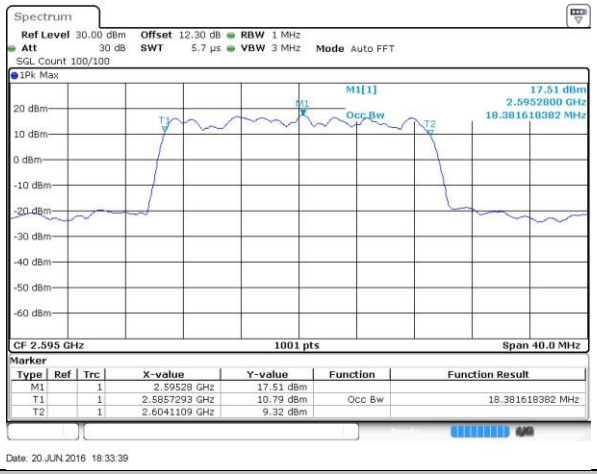
Lowest Channel / 20MHz / 16QAM



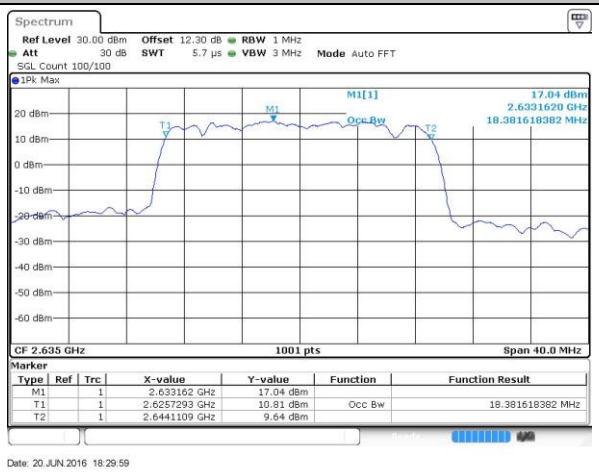
Middle Channel / 20MHz / QPSK



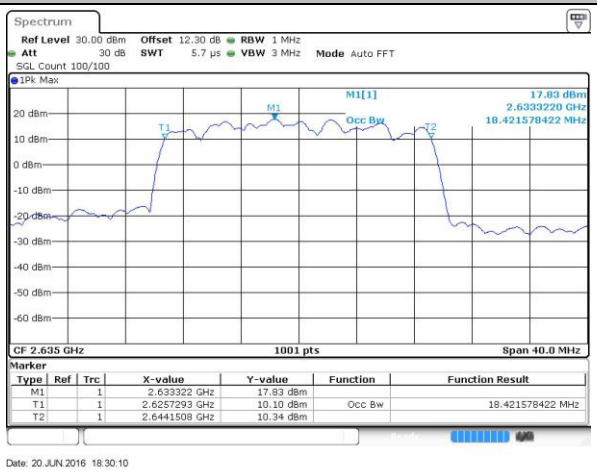
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



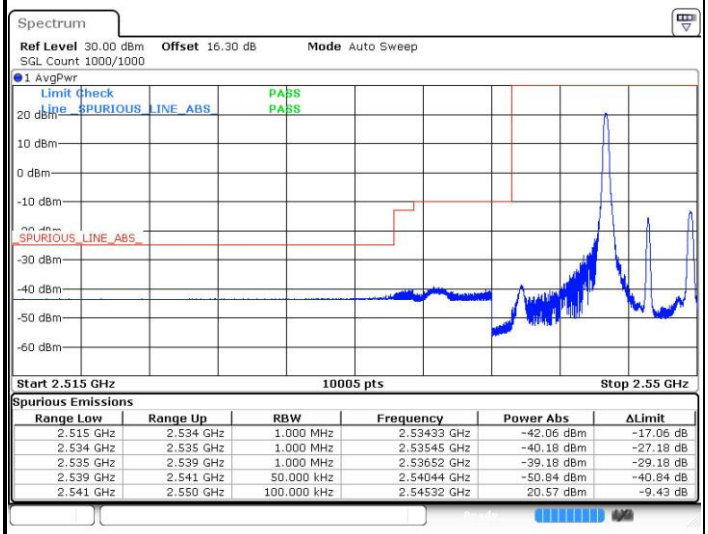
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.534 GHz	1.000 MHz	2.53433 GHz	-42.06 dBm	-17.06 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53545 GHz	-40.18 dBm	-27.18 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53652 GHz	-39.18 dBm	-29.18 dB
2.539 GHz	2.541 GHz	50.000 kHz	2.54044 GHz	-50.84 dBm	-40.84 dB
2.541 GHz	2.550 GHz	100.000 kHz	2.54532 GHz	20.57 dBm	-9.43 dB

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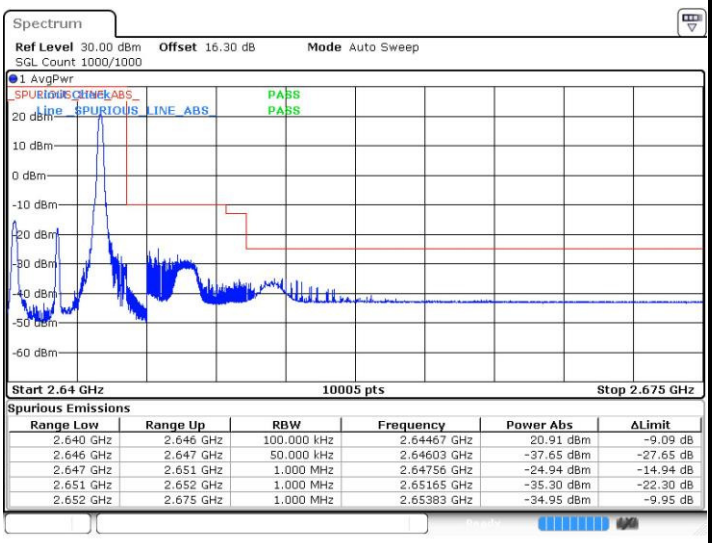
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.646 GHz	100.000 kHz	2.64467 GHz	20.91 dBm	-9.09 dB
2.646 GHz	2.647 GHz	50.000 kHz	2.64603 GHz	-37.65 dBm	-27.65 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64756 GHz	-24.94 dBm	-14.94 dB
2.651 GHz	2.652 GHz	1.000 MHz	2.65165 GHz	-35.30 dBm	-22.30 dB
2.652 GHz	2.675 GHz	1.000 MHz	2.65383 GHz	-34.95 dBm	-9.95 dB

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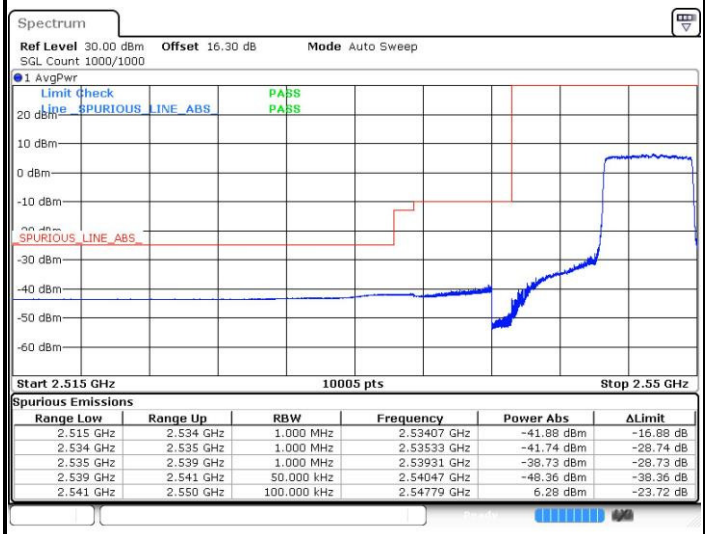
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.534 GHz	1.000 MHz	2.53407 GHz	-41.88 dBm	-16.88 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53533 GHz	-41.74 dBm	-28.74 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53931 GHz	-38.73 dBm	-28.73 dB
2.539 GHz	2.541 GHz	50.000 kHz	2.54047 GHz	-48.36 dBm	-38.36 dB
2.541 GHz	2.550 GHz	100.000 kHz	2.54779 GHz	6.28 dBm	-23.72 dB

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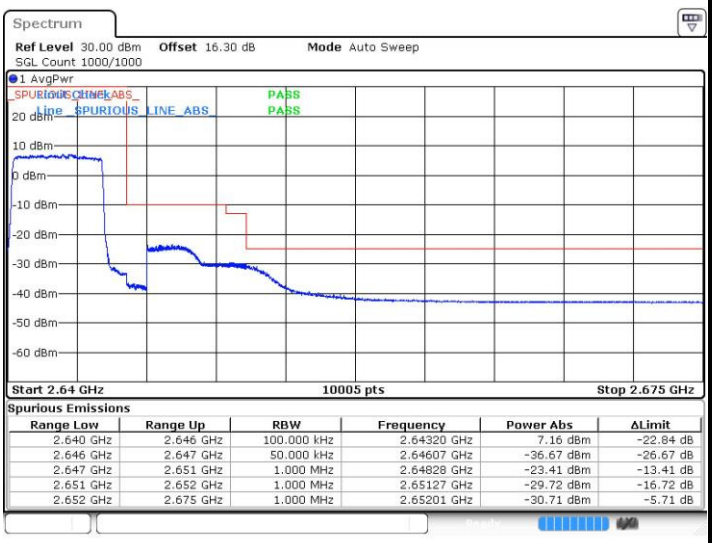
Highest Band Edge / Full RB



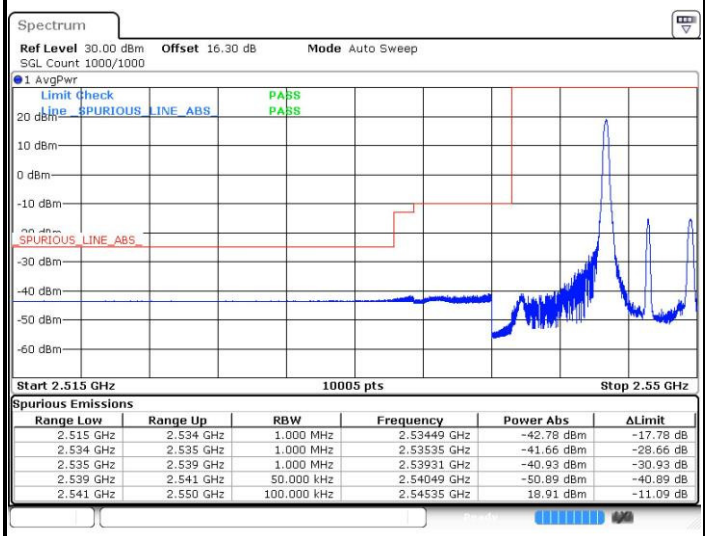
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.646 GHz	100.000 kHz	2.64320 GHz	7.16 dBm	-22.84 dB
2.646 GHz	2.647 GHz	50.000 kHz	2.64607 GHz	-36.67 dBm	-26.67 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64828 GHz	-23.41 dBm	-13.41 dB
2.651 GHz	2.652 GHz	1.000 MHz	2.65127 GHz	-29.72 dBm	-16.72 dB
2.652 GHz	2.675 GHz	1.000 MHz	2.65201 GHz	-30.71 dBm	-5.71 dB

Date: 17.JUN.2016 17:30:16

LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.534 GHz	1.000 MHz	2.53449 GHz	-42.78 dBm	-17.78 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53535 GHz	-41.66 dBm	-28.66 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53931 GHz	-40.93 dBm	-30.93 dB
2.539 GHz	2.541 GHz	50.000 kHz	2.54049 GHz	-50.89 dBm	-40.89 dB
2.541 GHz	2.550 GHz	100.000 kHz	2.54535 GHz	18.91 dBm	-11.09 dB

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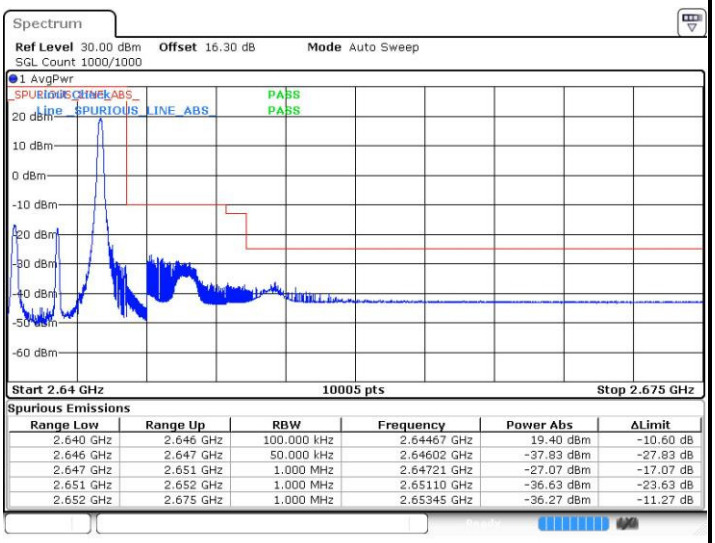
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.646 GHz	100.000 kHz	2.64467 GHz	19.40 dBm	-10.60 dB
2.646 GHz	2.647 GHz	50.000 kHz	2.64602 GHz	-37.83 dBm	-27.83 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64721 GHz	-27.07 dBm	-17.07 dB
2.651 GHz	2.652 GHz	1.000 MHz	2.65110 GHz	-36.63 dBm	-23.63 dB
2.652 GHz	2.675 GHz	1.000 MHz	2.65345 GHz	-36.27 dBm	-11.27 dB

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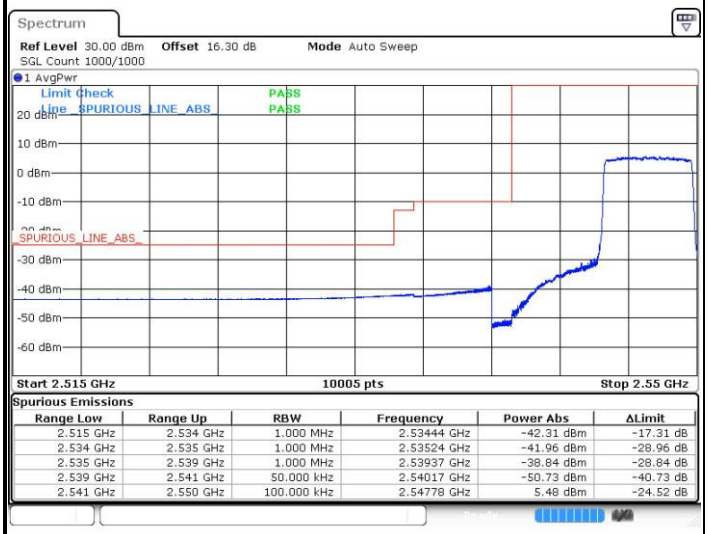
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.534 GHz	1.000 MHz	2.53444 GHz	-42.31 dBm	-17.31 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53524 GHz	-41.96 dBm	-28.96 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53937 GHz	-38.84 dBm	-28.84 dB
2.539 GHz	2.541 GHz	50.000 kHz	2.54017 GHz	-50.73 dBm	-40.73 dB
2.541 GHz	2.550 GHz	100.000 kHz	2.54778 GHz	5.48 dBm	-24.52 dB

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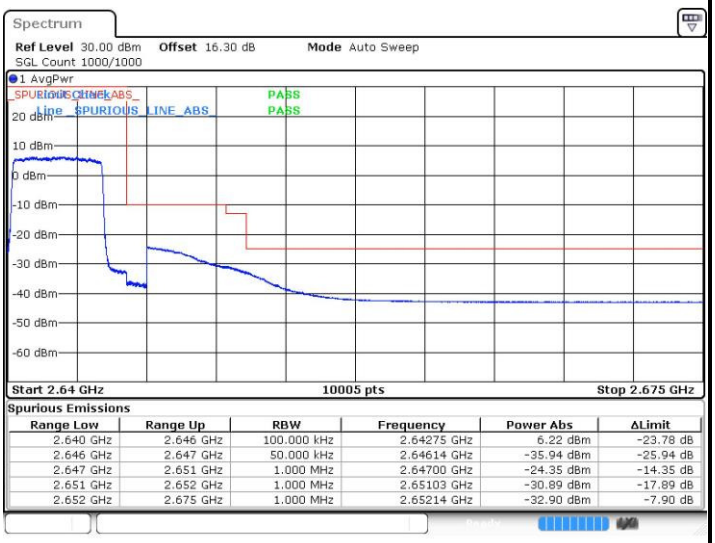
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.646 GHz	100.000 kHz	2.64275 GHz	6.22 dBm	-23.78 dB
2.646 GHz	2.647 GHz	50.000 kHz	2.64614 GHz	-35.94 dBm	-25.94 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64700 GHz	-24.35 dBm	-14.35 dB
2.651 GHz	2.652 GHz	1.000 MHz	2.65103 GHz	-30.89 dBm	-17.89 dB
2.652 GHz	2.675 GHz	1.000 MHz	2.65214 GHz	-32.90 dBm	-7.90 dB

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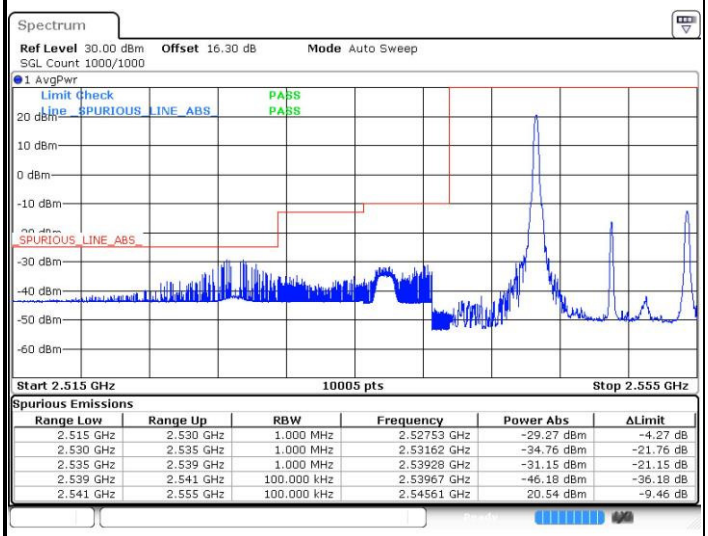
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

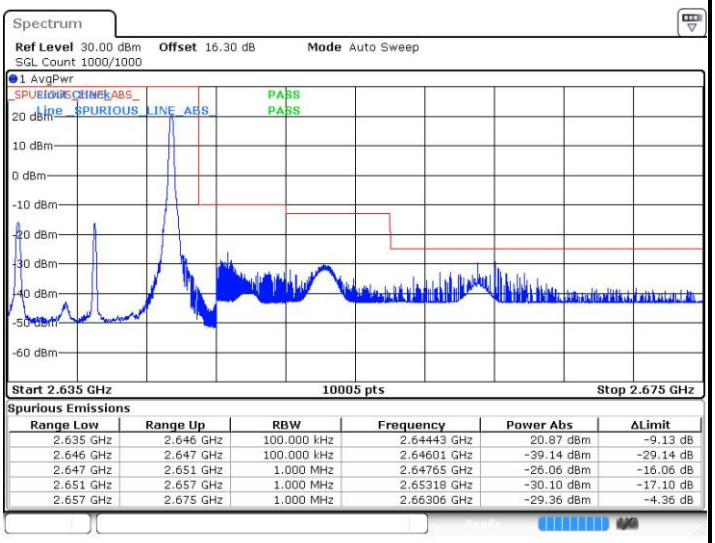


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52753 GHz	-29.27 dBm	-4.27 dB
2.530 GHz	2.535 GHz	1.000 MHz	2.53162 GHz	-34.76 dBm	-21.76 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53928 GHz	-31.15 dBm	-21.15 dB
2.539 GHz	2.541 GHz	100.000 kHz	2.53967 GHz	-46.18 dBm	-36.18 dB
2.541 GHz	2.555 GHz	100.000 kHz	2.54561 GHz	20.54 dBm	-9.46 dB

Date: 17.JUN.2016 17:36:25

Highest Band Edge / 1 RB

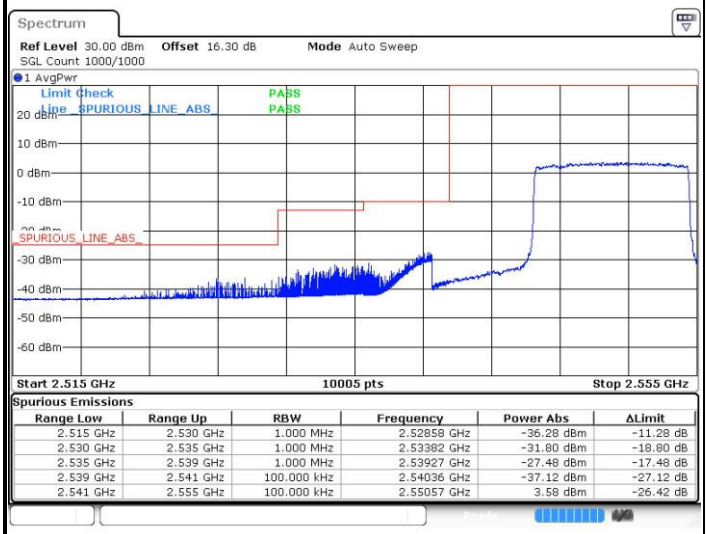


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.646 GHz	100.000 kHz	2.64443 GHz	20.87 dBm	-9.13 dB
2.646 GHz	2.647 GHz	100.000 kHz	2.64601 GHz	-39.14 dBm	-29.14 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64765 GHz	-26.06 dBm	-16.06 dB
2.651 GHz	2.657 GHz	1.000 MHz	2.65318 GHz	-30.10 dBm	-17.10 dB
2.657 GHz	2.675 GHz	1.000 MHz	2.66306 GHz	-29.36 dBm	-4.36 dB

Date: 17.JUN.2016 17:41:01

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52858 GHz	-36.28 dBm	-11.28 dB
2.530 GHz	2.535 GHz	1.000 MHz	2.53382 GHz	-31.80 dBm	-18.80 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53927 GHz	-27.48 dBm	-17.48 dB
2.539 GHz	2.541 GHz	100.000 kHz	2.54036 GHz	-37.12 dBm	-27.12 dB
2.541 GHz	2.555 GHz	100.000 kHz	2.55057 GHz	3.58 dBm	-26.42 dB

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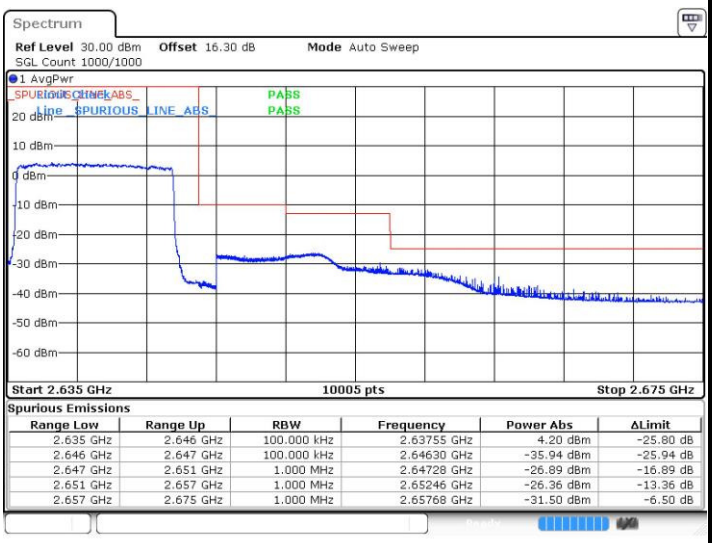
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.646 GHz	100.000 kHz	2.63755 GHz	4.20 dBm	-25.80 dB
2.646 GHz	2.647 GHz	100.000 kHz	2.64630 GHz	-35.94 dBm	-25.94 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64728 GHz	-26.89 dBm	-16.89 dB
2.651 GHz	2.657 GHz	1.000 MHz	2.65246 GHz	-26.36 dBm	-13.36 dB
2.657 GHz	2.675 GHz	1.000 MHz	2.65768 GHz	-31.50 dBm	-6.50 dB

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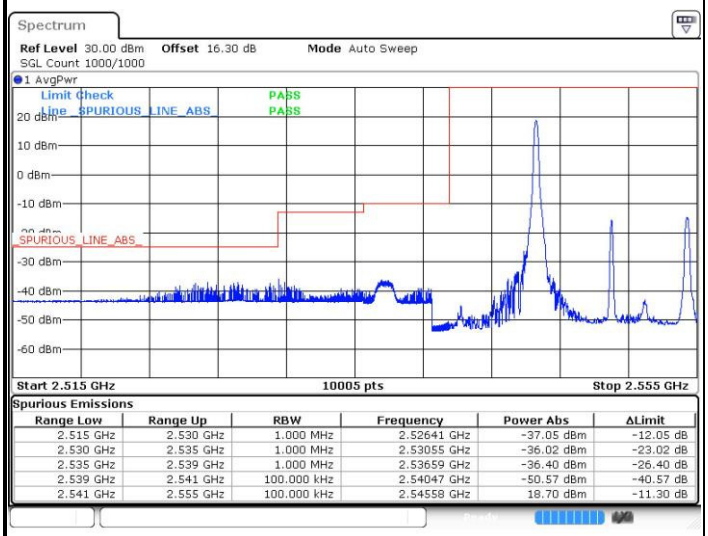
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52641 GHz	-37.05 dBm	-12.05 dB
2.530 GHz	2.535 GHz	1.000 MHz	2.53055 GHz	-36.02 dBm	-23.02 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53659 GHz	-36.40 dBm	-26.40 dB
2.539 GHz	2.541 GHz	100.000 kHz	2.54047 GHz	-50.57 dBm	-40.57 dB
2.541 GHz	2.555 GHz	100.000 kHz	2.54558 GHz	18.70 dBm	-11.30 dB

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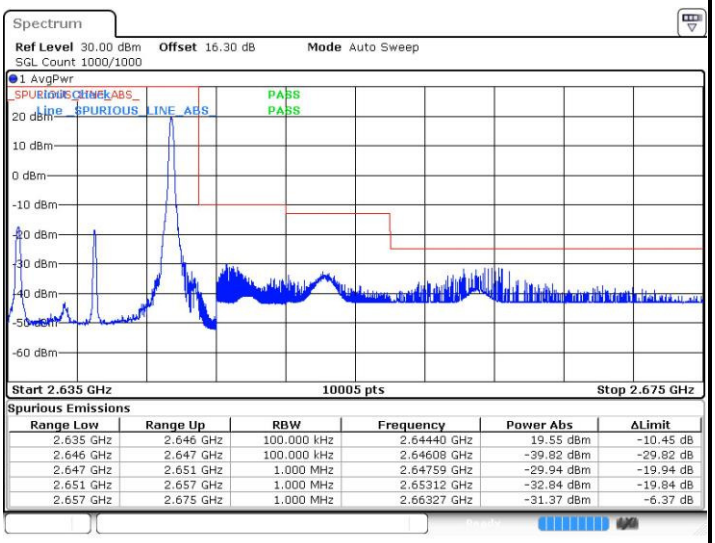
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.646 GHz	100.000 kHz	2.64440 GHz	19.55 dBm	-10.45 dB
2.646 GHz	2.647 GHz	100.000 kHz	2.64608 GHz	-39.82 dBm	-29.82 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64759 GHz	-29.94 dBm	-19.94 dB
2.651 GHz	2.657 GHz	1.000 MHz	2.65312 GHz	-32.84 dBm	-19.84 dB
2.657 GHz	2.675 GHz	1.000 MHz	2.66327 GHz	-31.37 dBm	-6.37 dB

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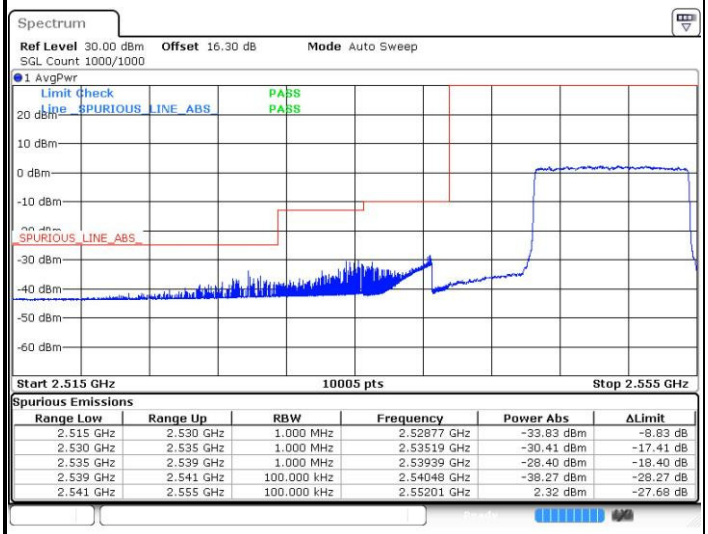
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52877 GHz	-33.83 dBm	-8.83 dB
2.530 GHz	2.535 GHz	1.000 MHz	2.53519 GHz	-30.41 dBm	-17.41 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53939 GHz	-28.40 dBm	-18.40 dB
2.539 GHz	2.541 GHz	100.000 kHz	2.54048 GHz	-38.27 dBm	-28.27 dB
2.541 GHz	2.555 GHz	100.000 kHz	2.55201 GHz	2.32 dBm	-27.68 dB

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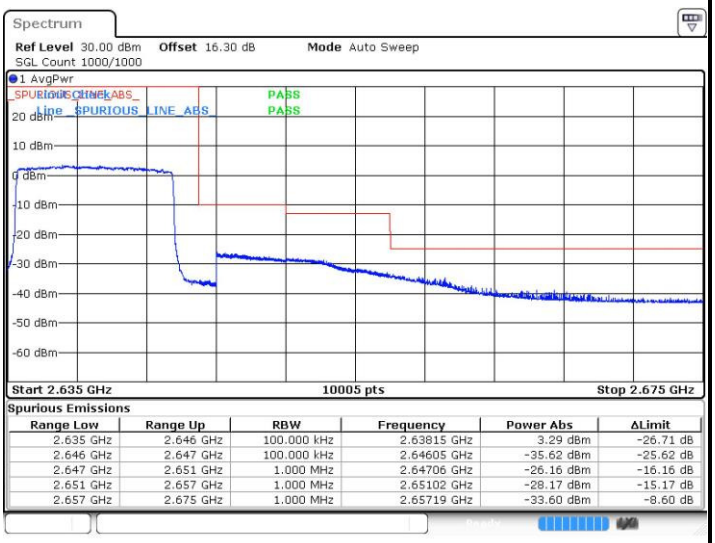
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.646 GHz	100.000 kHz	2.63815 GHz	3.29 dBm	-26.71 dB
2.646 GHz	2.647 GHz	100.000 kHz	2.64605 GHz	-35.62 dBm	-25.62 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64706 GHz	-26.16 dBm	-16.16 dB
2.651 GHz	2.657 GHz	1.000 MHz	2.65102 GHz	-28.17 dBm	-15.17 dB
2.657 GHz	2.675 GHz	1.000 MHz	2.65719 GHz	-33.60 dBm	-8.60 dB

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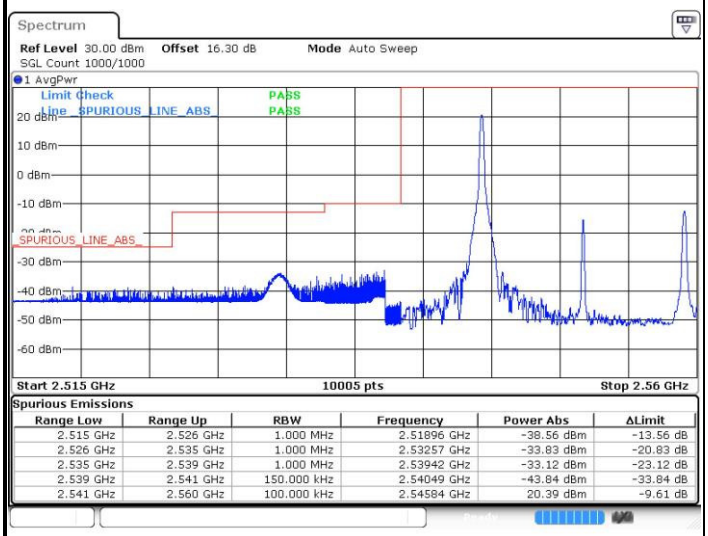
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.526 GHz	1.000 MHz	2.51896 GHz	-38.56 dBm	-13.56 dB
2.526 GHz	2.535 GHz	1.000 MHz	2.53257 GHz	-33.83 dBm	-20.83 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53942 GHz	-33.12 dBm	-23.12 dB
2.539 GHz	2.541 GHz	150.000 kHz	2.54049 GHz	-43.84 dBm	-33.84 dB
2.541 GHz	2.560 GHz	100.000 kHz	2.54584 GHz	20.39 dBm	-9.61 dB

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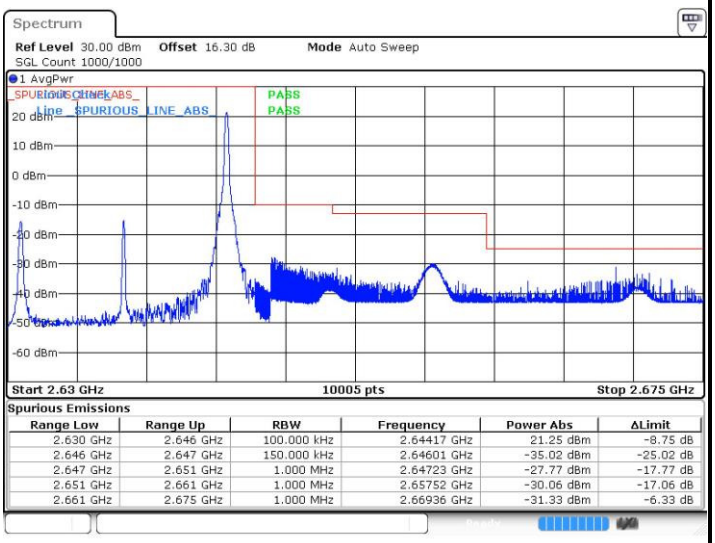
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.630 GHz	2.646 GHz	100.000 kHz	2.64417 GHz	21.25 dBm	-8.75 dB
2.646 GHz	2.647 GHz	150.000 kHz	2.64601 GHz	-35.02 dBm	-25.02 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64723 GHz	-27.77 dBm	-17.77 dB
2.651 GHz	2.661 GHz	1.000 MHz	2.65752 GHz	-30.06 dBm	-17.06 dB
2.661 GHz	2.675 GHz	1.000 MHz	2.66936 GHz	-31.33 dBm	-6.33 dB

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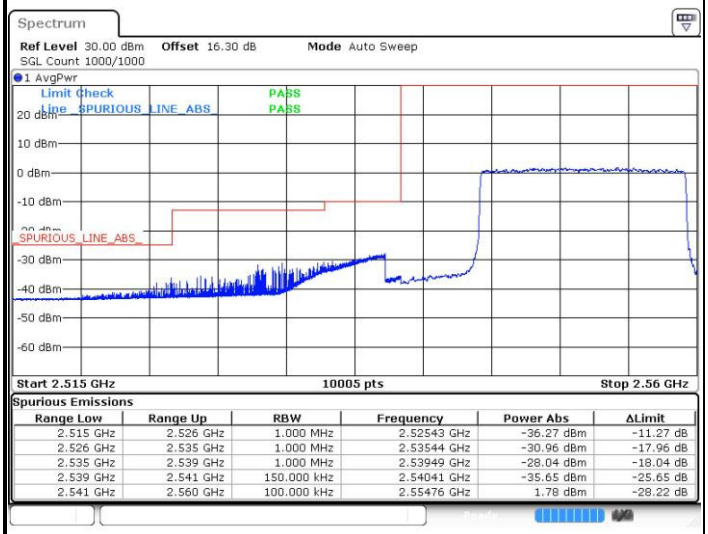
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.526 GHz	1.000 MHz	2.52543 GHz	-36.27 dBm	-11.27 dB
2.526 GHz	2.535 GHz	1.000 MHz	2.53544 GHz	-30.96 dBm	-17.96 dB
2.535 GHz	2.539 GHz	1.000 MHz	2.53949 GHz	-28.04 dBm	-18.04 dB
2.539 GHz	2.541 GHz	150.000 kHz	2.54041 GHz	-35.65 dBm	-25.65 dB
2.541 GHz	2.560 GHz	100.000 kHz	2.55476 GHz	1.78 dBm	-28.22 dB

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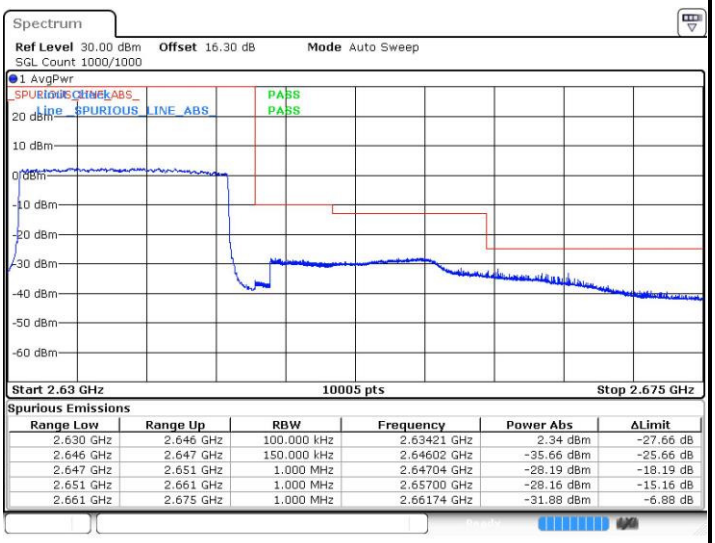
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.630 GHz	2.646 GHz	100.000 kHz	2.63421 GHz	2.34 dBm	-27.66 dB
2.646 GHz	2.647 GHz	150.000 kHz	2.64602 GHz	-35.66 dBm	-25.66 dB
2.647 GHz	2.651 GHz	1.000 MHz	2.64704 GHz	-28.19 dBm	-18.19 dB
2.651 GHz	2.661 GHz	1.000 MHz	2.65700 GHz	-28.16 dBm	-15.16 dB
2.661 GHz	2.675 GHz	1.000 MHz	2.66174 GHz	-31.88 dBm	-6.88 dB

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