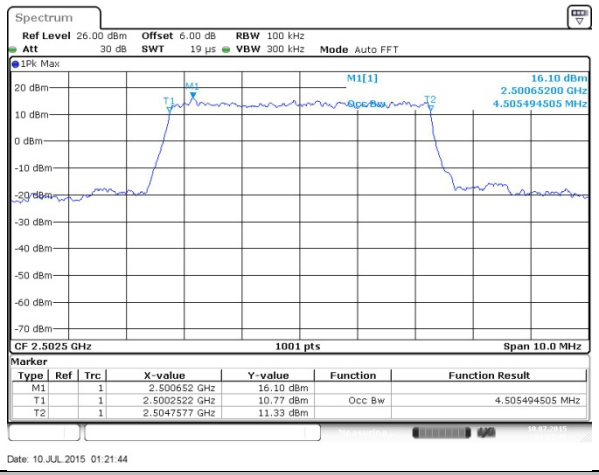
Occupied Bandwidth

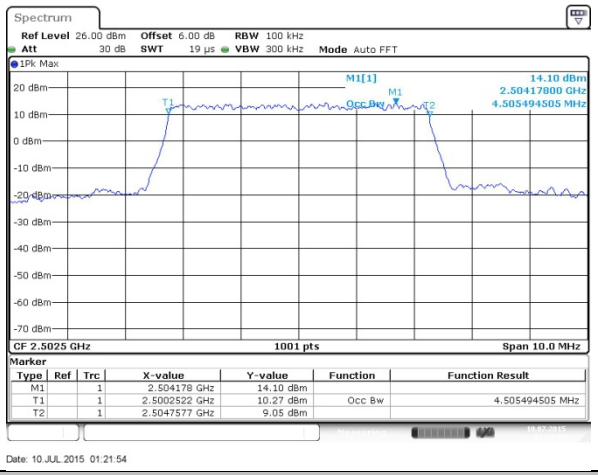
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.05	9.09	13.49	13.49	18.38	18.42
Middle CH	-	-	-	-	4.51	4.51	9.07	9.03	13.49	13.46	18.26	18.42
Highest CH	-	-	-	-	4.5	4.5	9.07	9.03	13.46	13.46	18.34	18.34

LTE Band 7

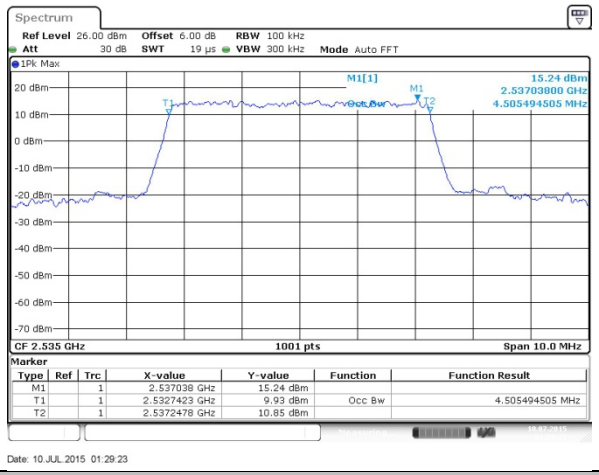
Lowest Channel / 5MHz / QPSK



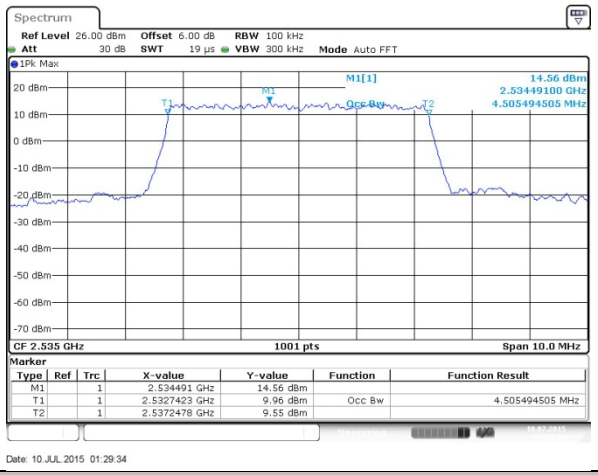
Lowest Channel / 5MHz / 16QAM



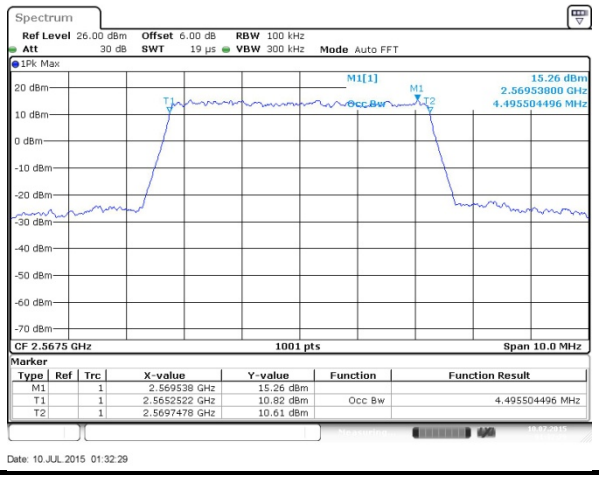
Middle Channel / 5MHz / QPSK



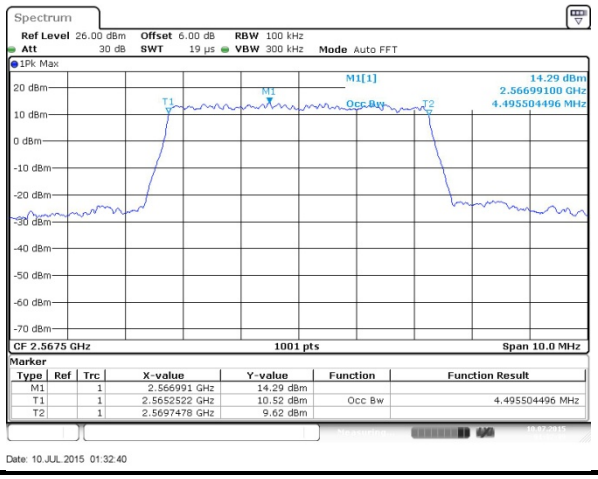
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

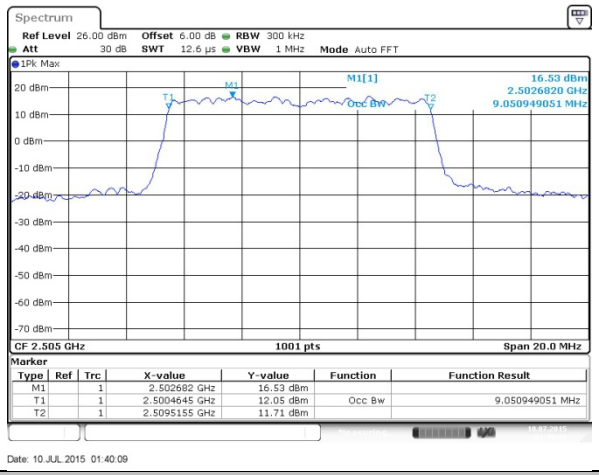


Highest Channel / 5MHz / 16QAM

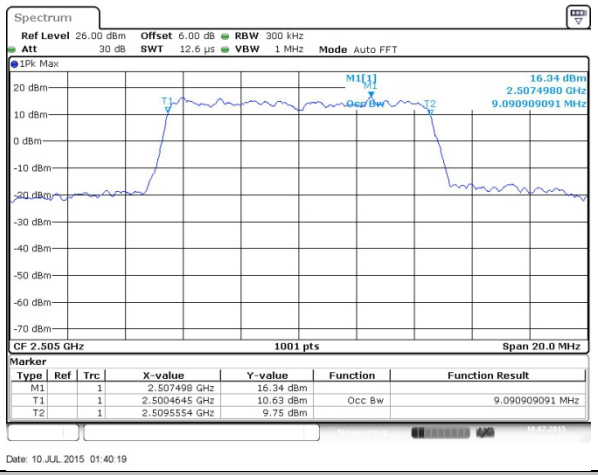


LTE Band 7

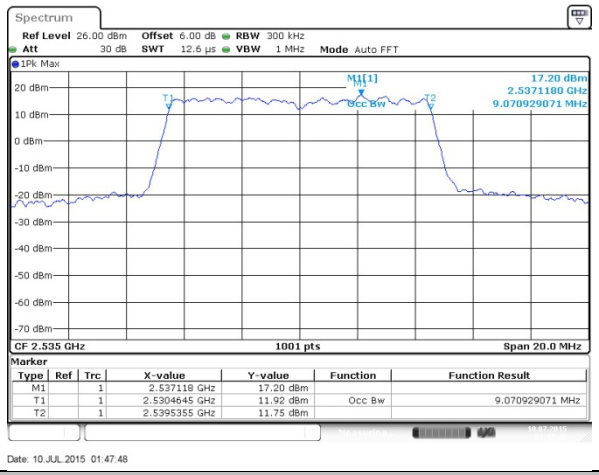
Lowest Channel / 10MHz / QPSK



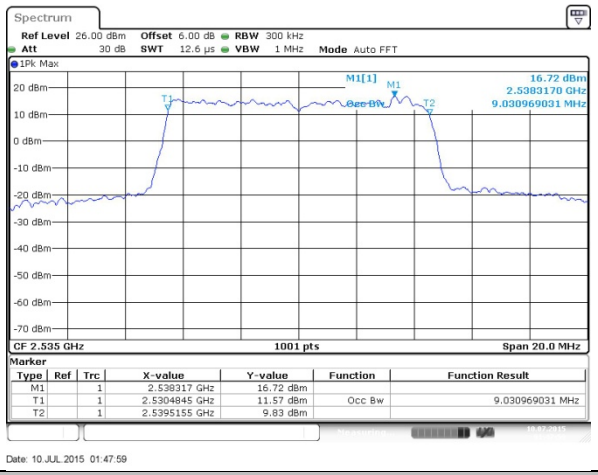
Lowest Channel / 10MHz / 16QAM



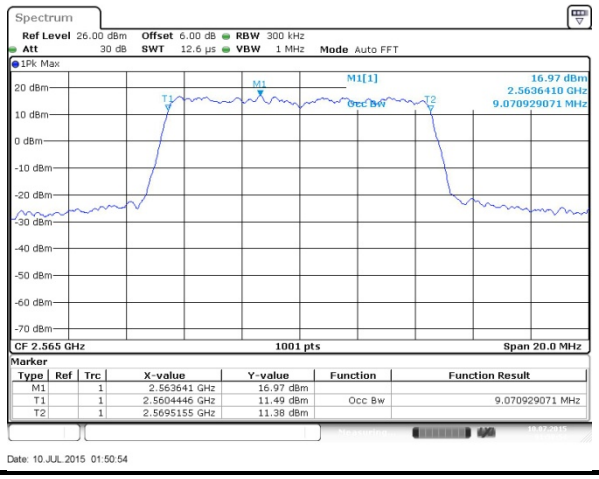
Middle Channel / 10MHz / QPSK



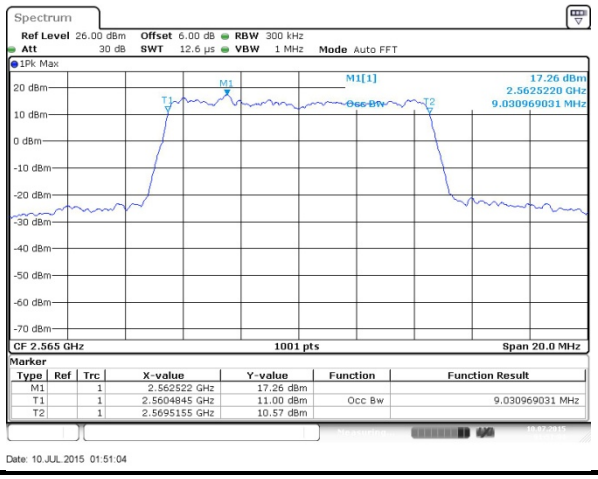
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

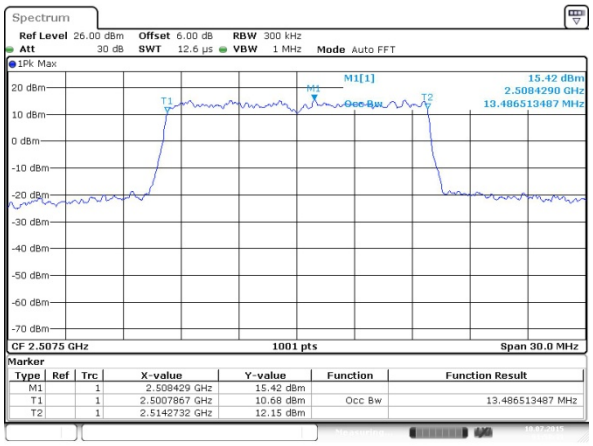


Highest Channel / 10MHz / 16QAM



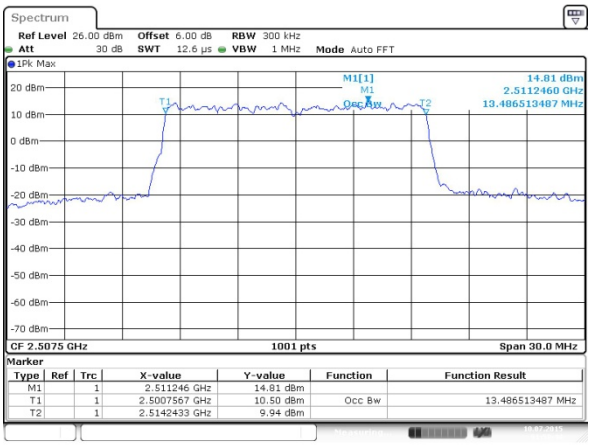
LTE Band 7

Lowest Channel / 15MHz / QPSK



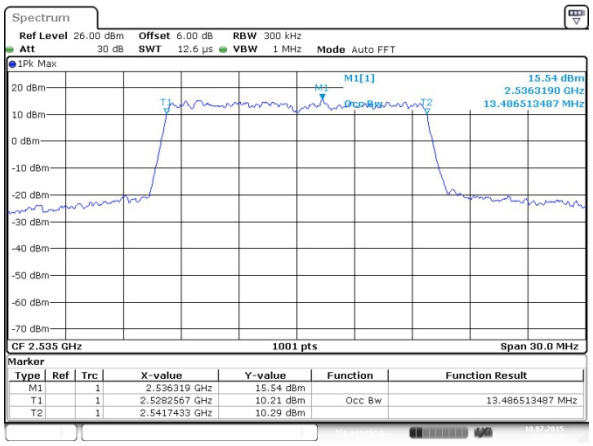
Date: 10.JUL.2015 01:58:33

Lowest Channel / 15MHz / 16QAM



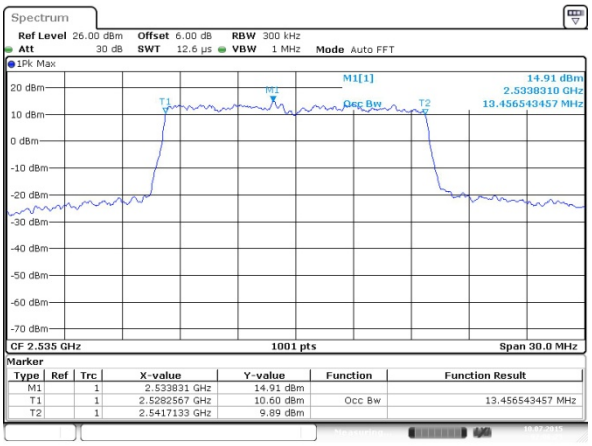
Date: 10.JUL.2015 01:58:44

Middle Channel / 15MHz / QPSK



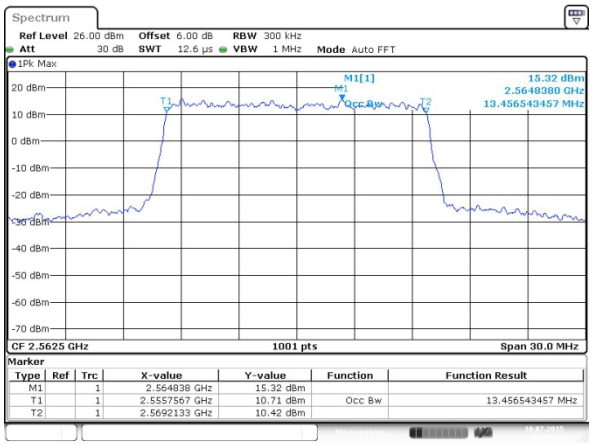
Date: 10.JUL.2015 02:06:14

Middle Channel / 15MHz / 16QAM



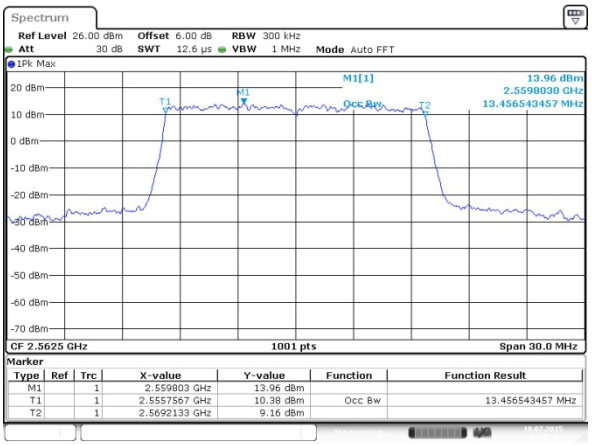
Date: 10.JUL.2015 02:06:25

Highest Channel / 15MHz / QPSK



Date: 10.JUL.2015 02:09:20

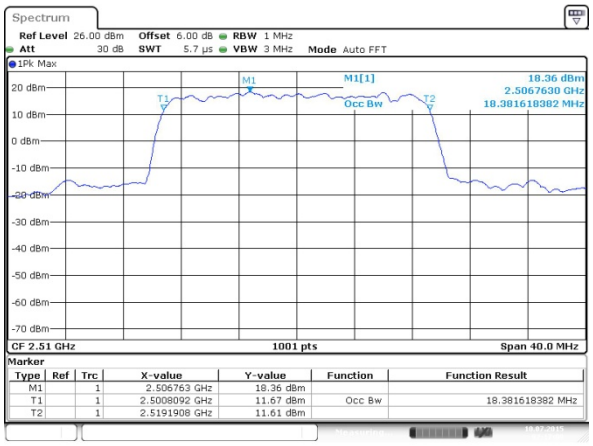
Highest Channel / 15MHz / 16QAM



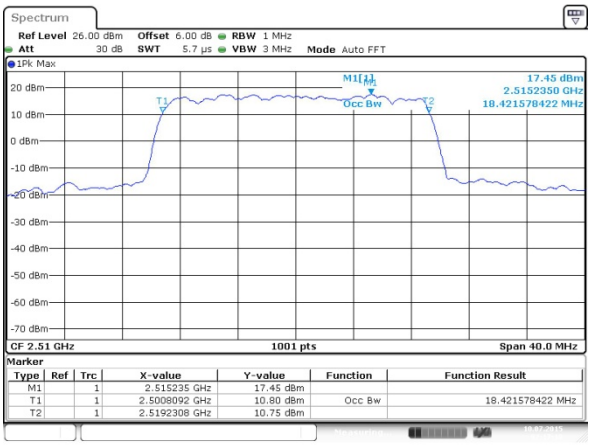
Date: 10.JUL.2015 02:09:30

LTE Band 7

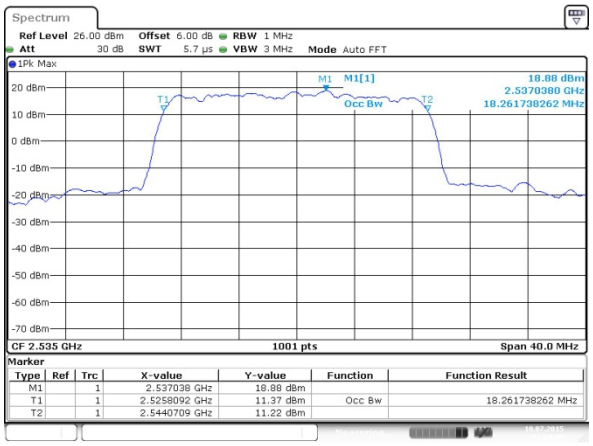
Lowest Channel / 20MHz / QPSK



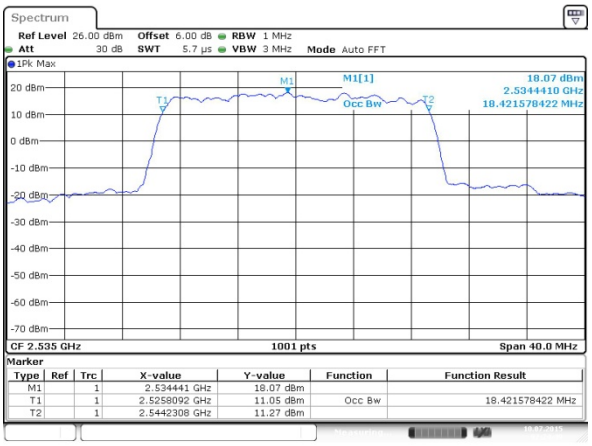
Lowest Channel / 20MHz / 16QAM



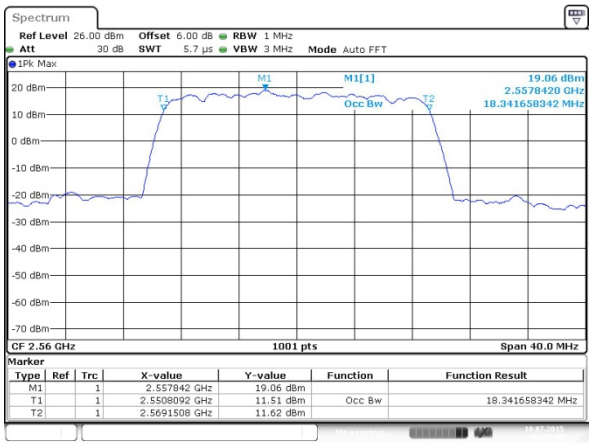
Middle Channel / 20MHz / QPSK



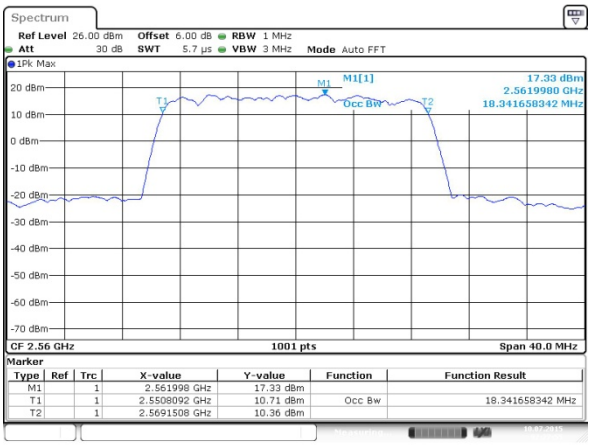
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



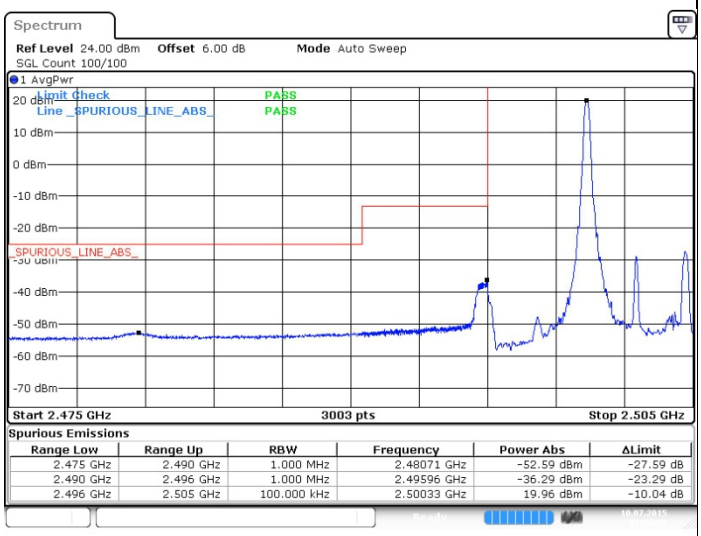
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

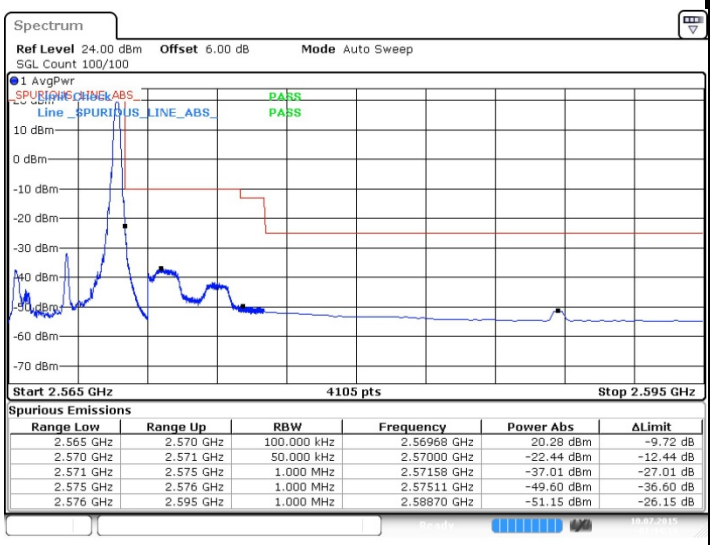


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48071 GHz	-52.59 dBm	-27.59 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-36.29 dBm	-23.29 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	19.96 dBm	-10.04 dB

Date: 10.JUL.2015 01:23:28

Highest Band Edge / 1 RB

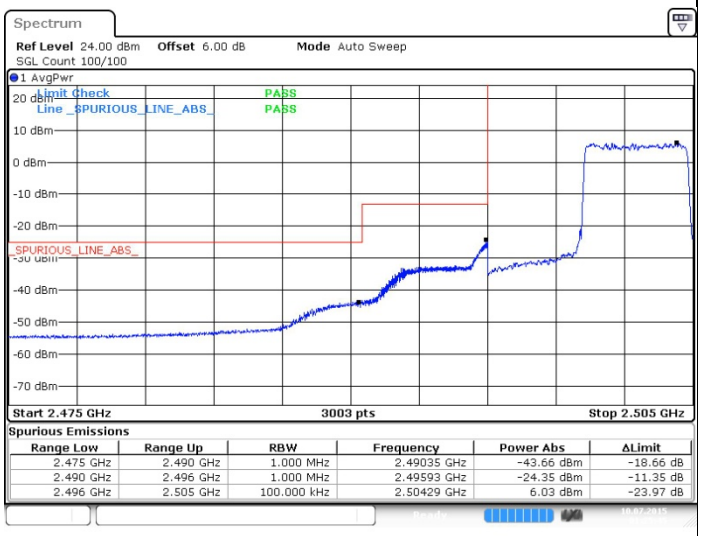


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	20.28 dBm	-9.72 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-22.44 dBm	-12.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57158 GHz	-37.01 dBm	-27.01 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57511 GHz	-49.60 dBm	-36.60 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.58870 GHz	-51.15 dBm	-26.15 dB

Date: 10.JUL.2015 01:34:13

Lowest Band Edge / Full RB

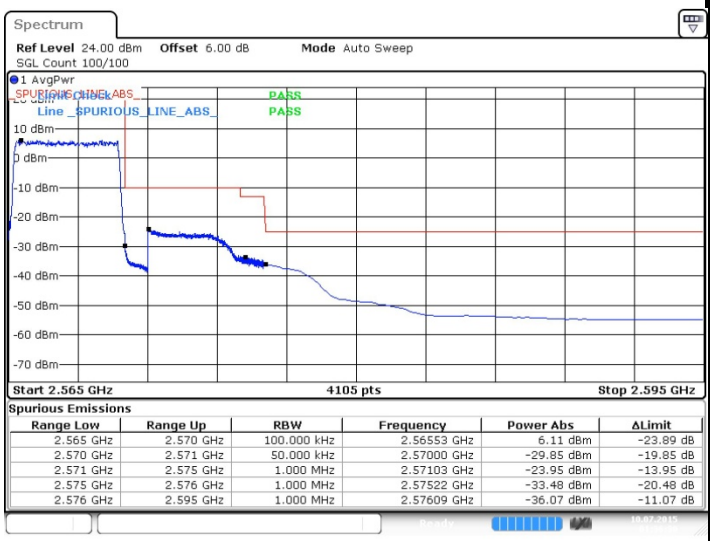


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49035 GHz	-43.66 dBm	-18.66 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-24.35 dBm	-11.35 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50429 GHz	6.03 dBm	-23.97 dB

Date: 10.JUL.2015 01:25:45

Highest Band Edge / Full RB



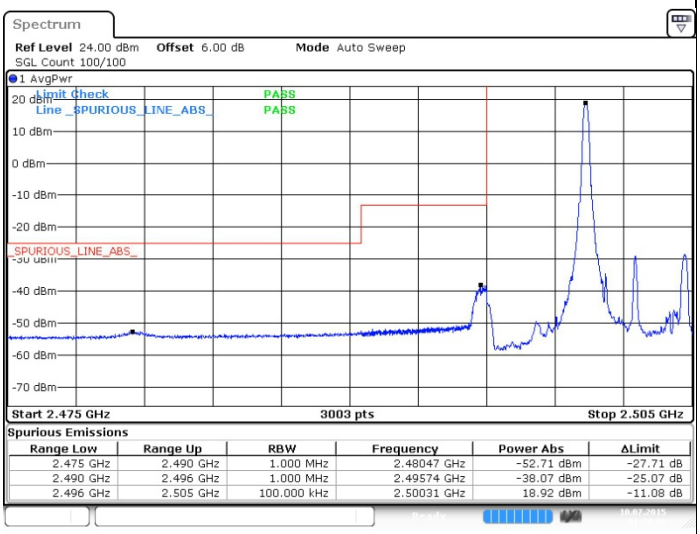
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56553 GHz	6.11 dBm	-23.89 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-29.85 dBm	-19.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-23.95 dBm	-13.95 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57522 GHz	-33.48 dBm	-20.48 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-36.07 dBm	-11.07 dB

Date: 10.JUL.2015 01:36:30

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

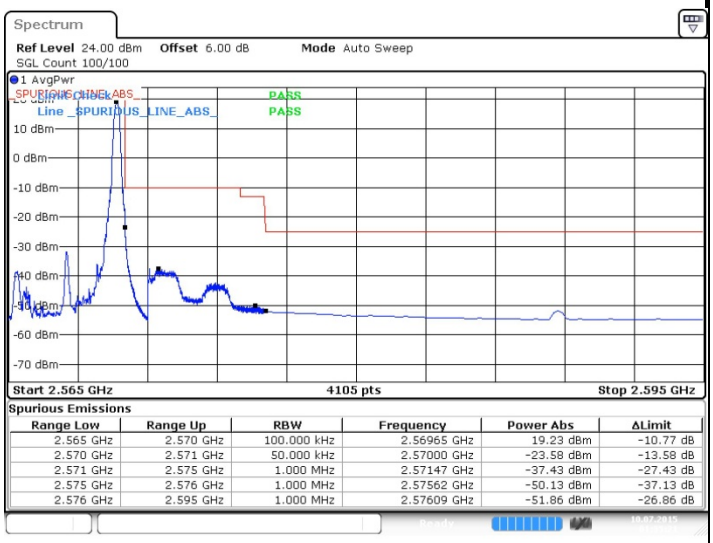


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48047 GHz	-52.71 dBm	-27.71 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49574 GHz	-38.07 dBm	-25.07 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50031 GHz	18.92 dBm	-11.08 dB

Date: 10.JUL.2015 01:24:37

Highest Band Edge / 1 RB

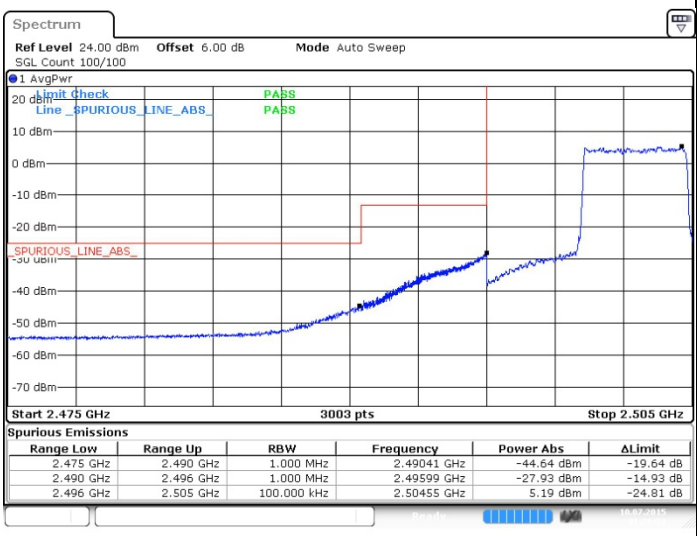


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56965 GHz	19.23 dBm	-10.77 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-23.58 dBm	-13.58 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57147 GHz	-37.43 dBm	-27.43 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57562 GHz	-50.13 dBm	-37.13 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-51.86 dBm	-26.86 dB

Date: 10.JUL.2015 01:35:22

Lowest Band Edge / Full RB

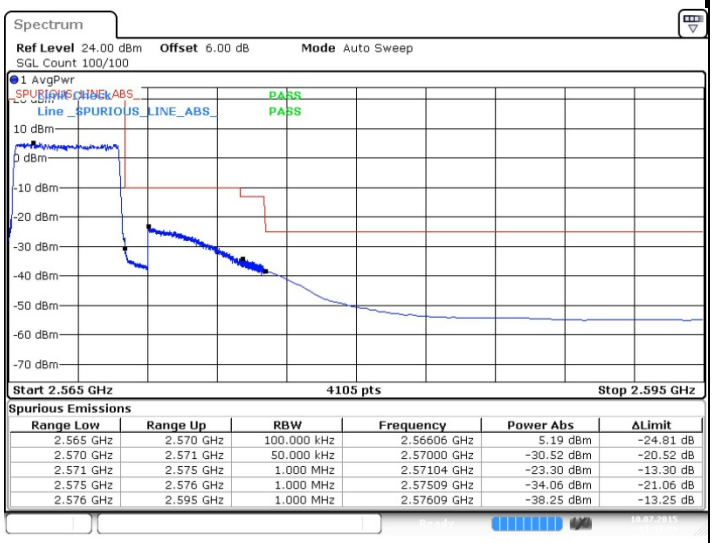


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-44.64 dBm	-19.64 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-27.93 dBm	-14.93 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50455 GHz	5.19 dBm	-24.81 dB

Date: 10.JUL.2015 01:26:54

Highest Band Edge / Full RB



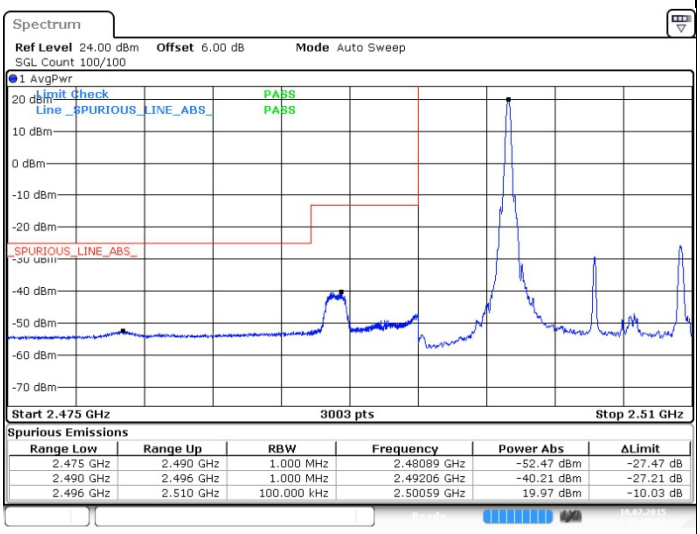
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56606 GHz	5.19 dBm	-24.81 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-30.52 dBm	-20.52 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-23.30 dBm	-13.30 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57509 GHz	-34.06 dBm	-21.06 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-38.25 dBm	-13.25 dB

Date: 10.JUL.2015 01:37:39

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

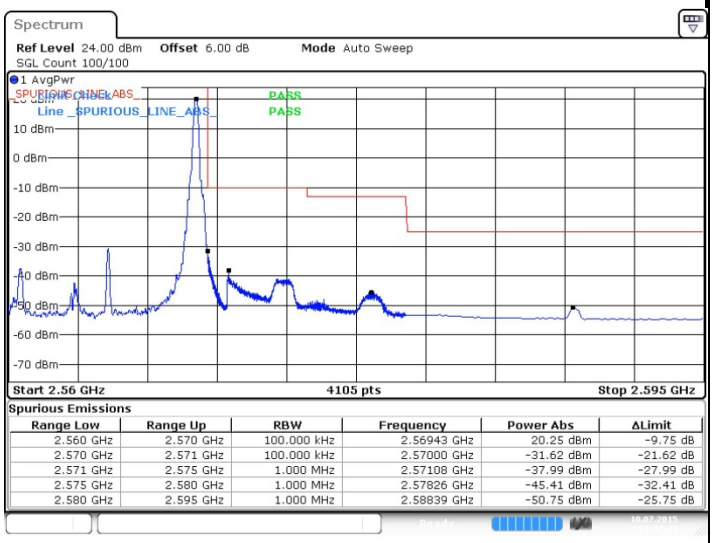


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48089 GHz	-52.47 dBm	-27.47 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49206 GHz	-40.21 dBm	-27.21 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	19.97 dBm	-10.03 dB

Date: 10.JUL.2015 01:41:53

Highest Band Edge / 1 RB

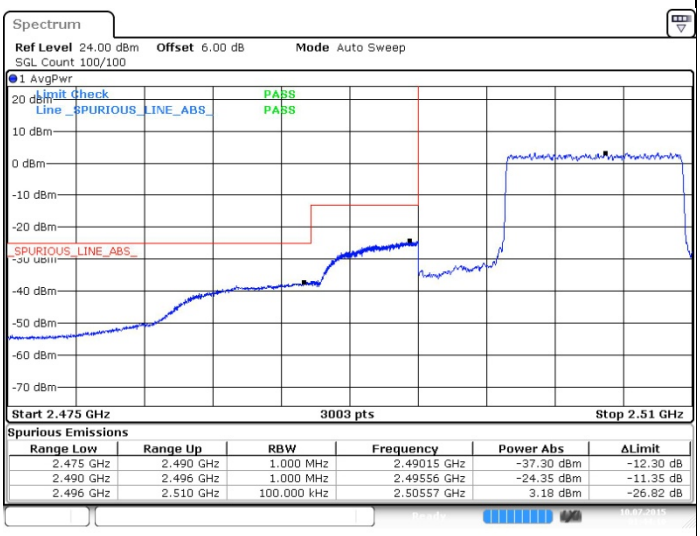


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	20.25 dBm	-9.75 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-31.62 dBm	-21.62 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-37.99 dBm	-27.99 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57826 GHz	-45.41 dBm	-32.41 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58839 GHz	-50.75 dBm	-25.75 dB

Date: 10.JUL.2015 01:52:38

Lowest Band Edge / Full RB

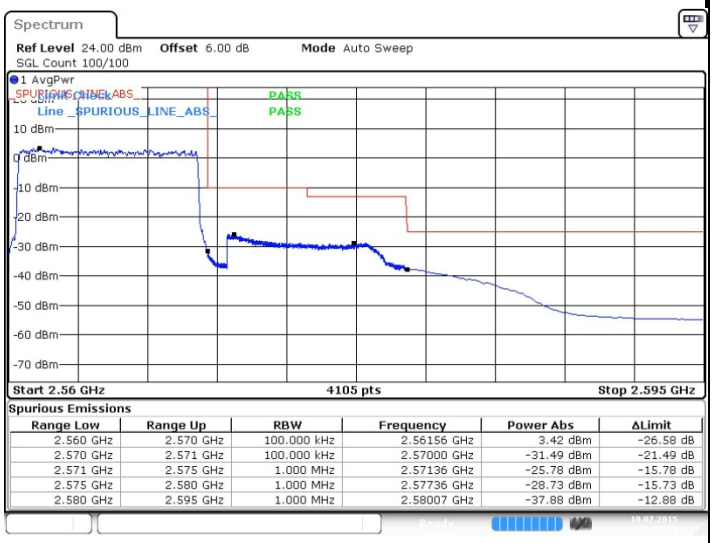


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49015 GHz	-37.30 dBm	-12.30 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49556 GHz	-24.35 dBm	-11.35 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50557 GHz	3.18 dBm	-26.82 dB

Date: 10.JUL.2015 01:44:10

Highest Band Edge / Full RB



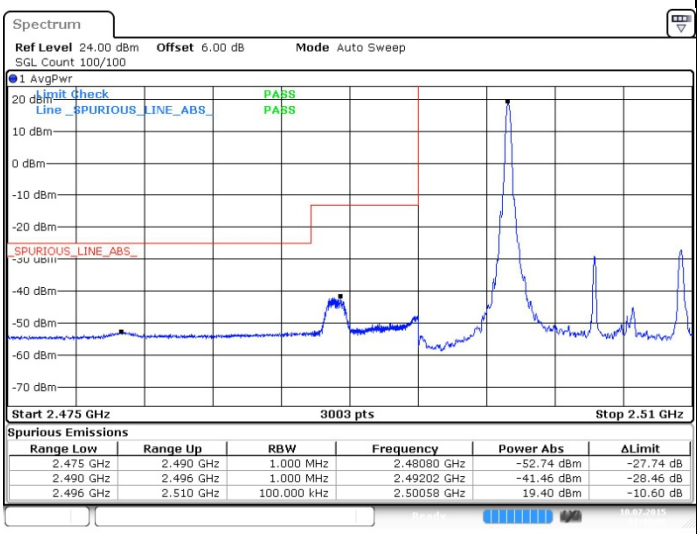
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56156 GHz	3.42 dBm	-26.58 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-31.49 dBm	-21.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-25.78 dBm	-15.78 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57736 GHz	-28.73 dBm	-15.73 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-37.88 dBm	-12.88 dB

Date: 10.JUL.2015 01:54:55

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

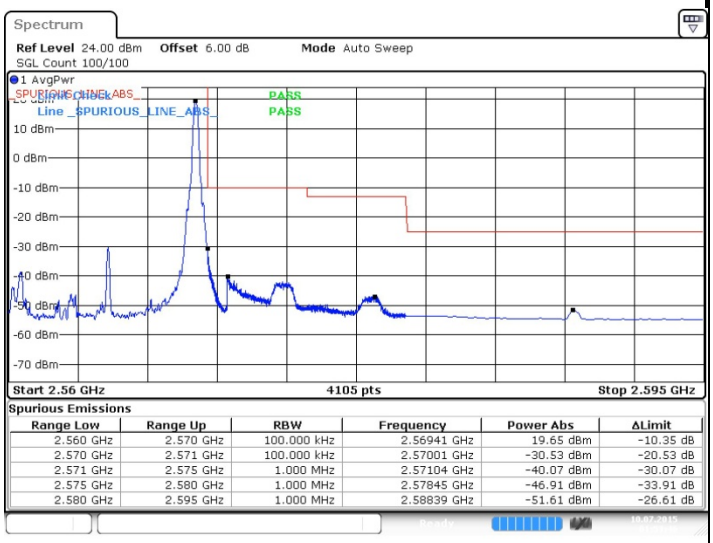


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48080 GHz	-52.74 dBm	-27.74 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49202 GHz	-41.46 dBm	-28.46 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	19.40 dBm	-10.60 dB

Date: 10.JUL.2015 01:43:02

Highest Band Edge / 1 RB

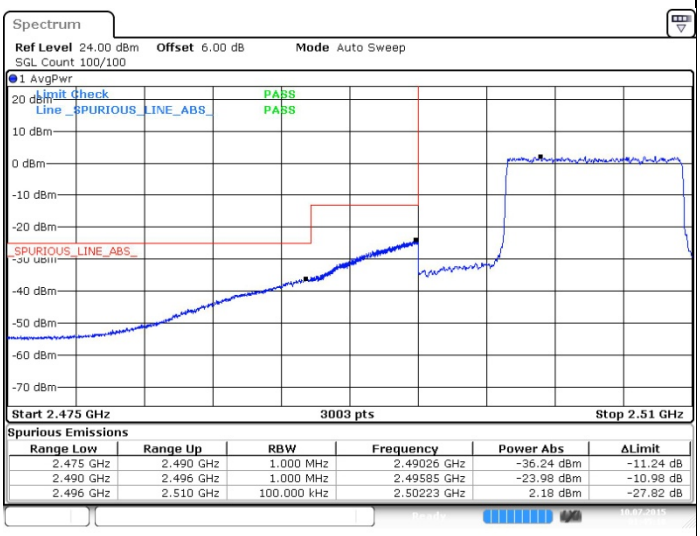


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	19.65 dBm	-10.35 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-30.53 dBm	-20.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-40.07 dBm	-30.07 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57845 GHz	-46.91 dBm	-33.91 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58839 GHz	-51.61 dBm	-26.61 dB

Date: 10.JUL.2015 01:53:47

Lowest Band Edge / Full RB

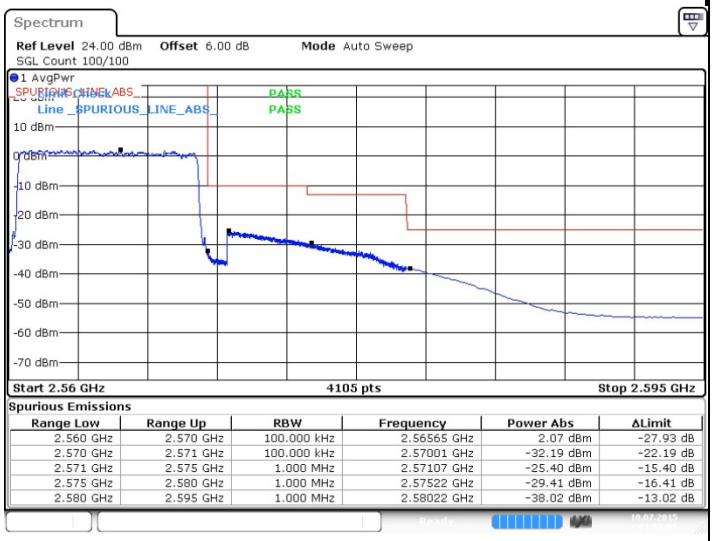


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-36.24 dBm	-11.24 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-23.98 dBm	-10.98 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50223 GHz	2.18 dBm	-27.82 dB

Date: 10.JUL.2015 01:45:19

Highest Band Edge / Full RB



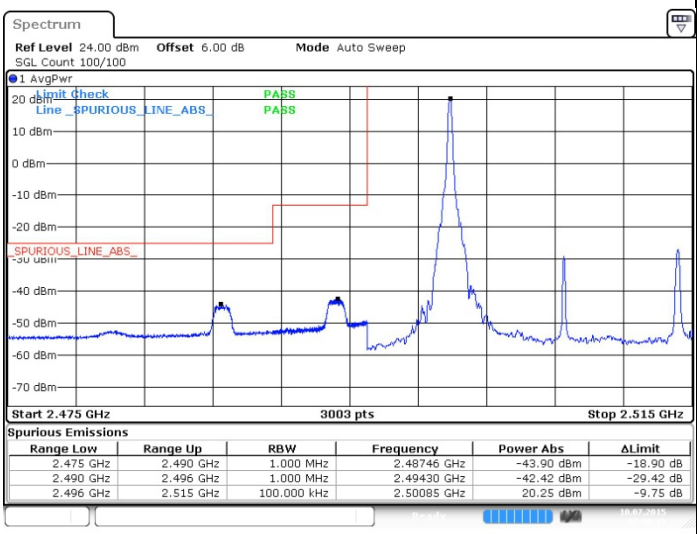
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56565 GHz	2.07 dBm	-27.93 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-32.19 dBm	-22.19 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-25.40 dBm	-15.40 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57522 GHz	-29.41 dBm	-16.41 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58022 GHz	-38.02 dBm	-13.02 dB

Date: 10.JUL.2015 01:56:04

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

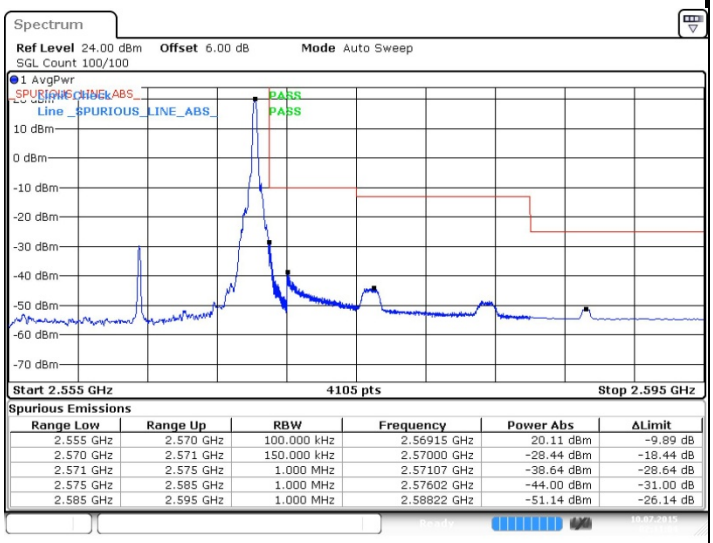


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48746 GHz	-43.90 dBm	-18.90 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49430 GHz	-42.42 dBm	-29.42 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	20.25 dBm	-9.75 dB

Date: 10.JUL.2015 02:00:19

Highest Band Edge / 1 RB

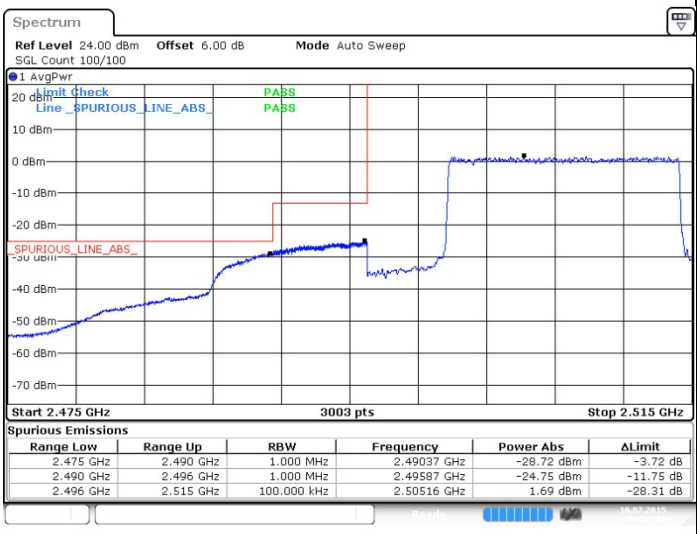


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56915 GHz	20.11 dBm	-9.89 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57000 GHz	-28.44 dBm	-18.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-38.64 dBm	-28.64 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57602 GHz	-44.00 dBm	-31.00 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58822 GHz	-51.14 dBm	-26.14 dB

Date: 10.JUL.2015 02:11:04

Lowest Band Edge / Full RB

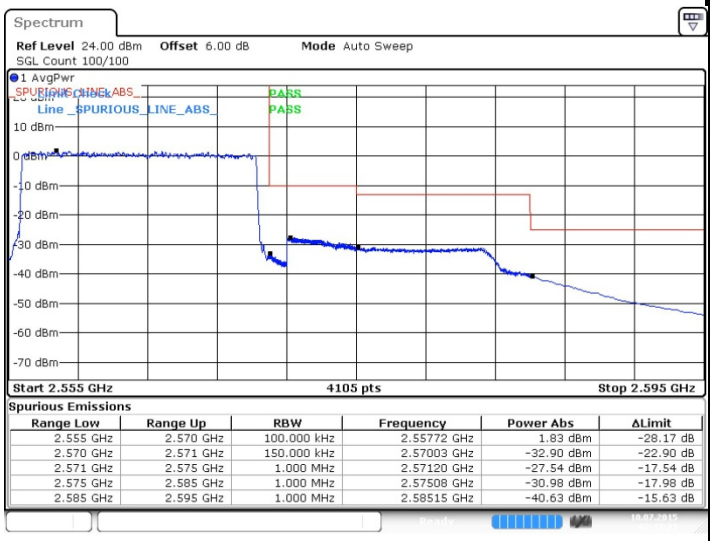


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49037 GHz	-28.72 dBm	-3.72 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49587 GHz	-24.75 dBm	-11.75 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50516 GHz	1.69 dBm	-28.31 dB

Date: 10.JUL.2015 02:02:36

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	2.55772 GHz	1.83 dBm	-28.17 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57003 GHz	-32.90 dBm	-22.90 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-27.54 dBm	-17.54 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57508 GHz	-30.98 dBm	-17.98 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58515 GHz	-40.63 dBm	-15.63 dB

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