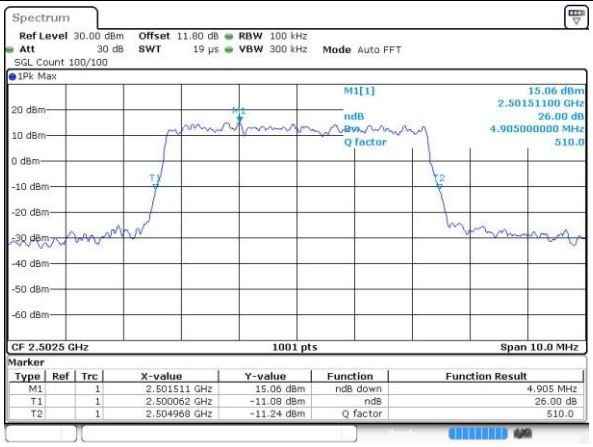
26dB Bandwidth

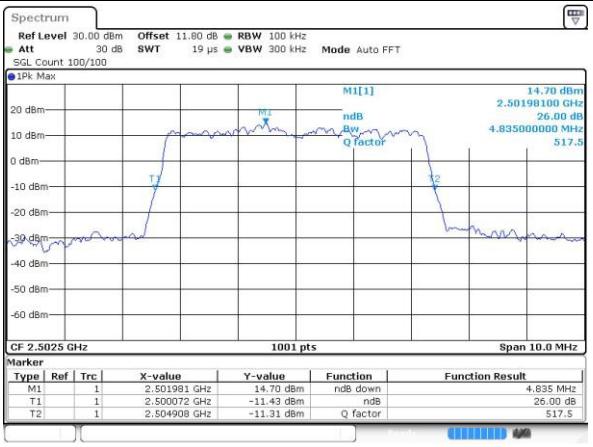
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.91	4.84	9.87	9.89	14.21	14.39	20.14	20.34
Middle CH	-	-	-	-	4.95	4.92	9.71	9.71	14.36	14.36	20.18	20.02
Highest CH	-	-	-	-	4.90	4.88	9.79	9.73	14.39	14.63	20.18	20.34

LTE Band 7

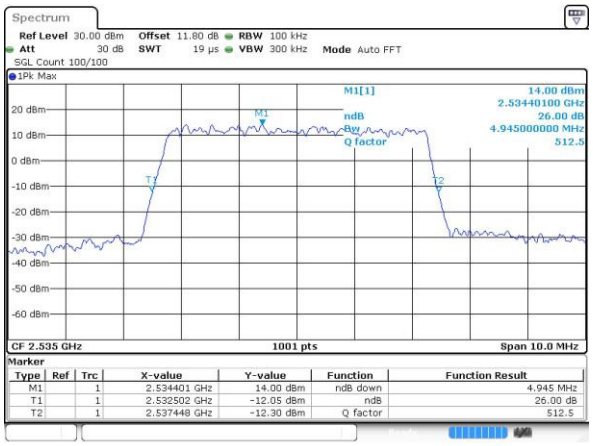
Lowest Channel / 5MHz / QPSK



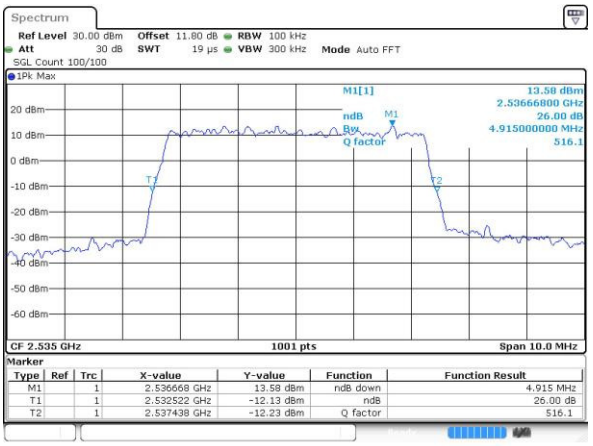
Lowest Channel / 5MHz / 16QAM



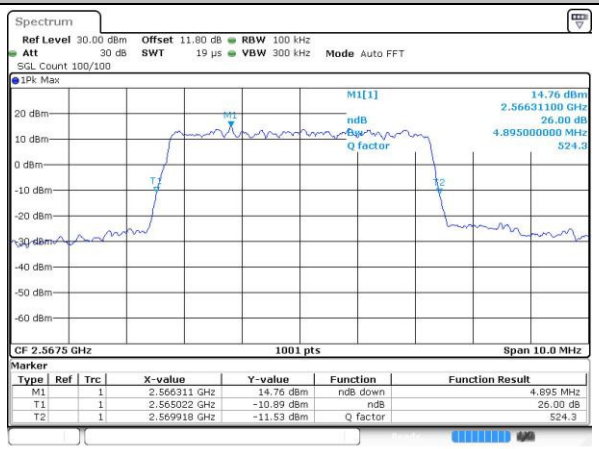
Middle Channel / 5MHz / QPSK



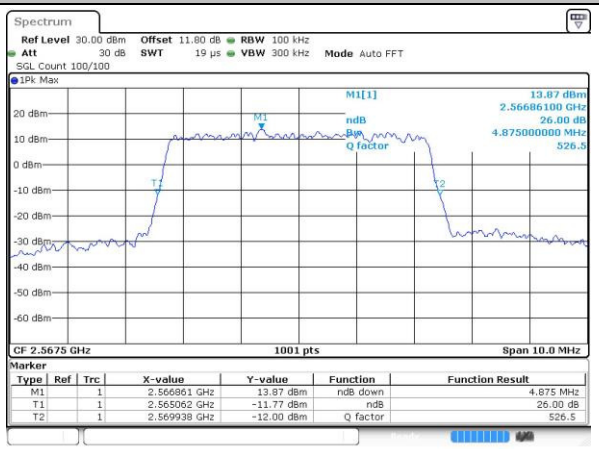
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

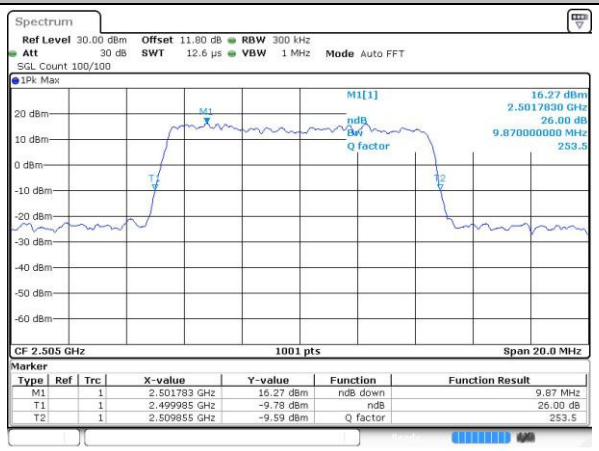


Highest Channel / 5MHz / 16QAM

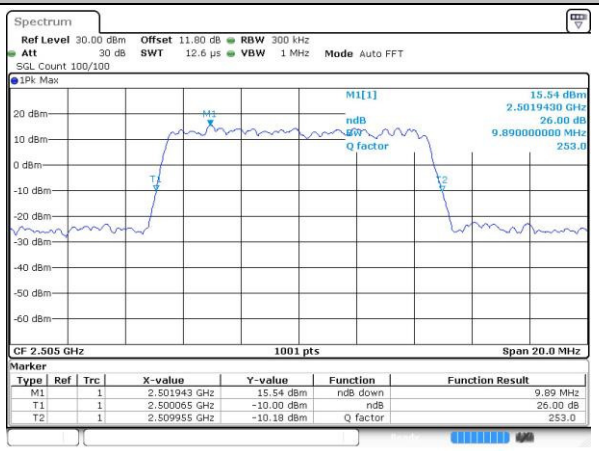


LTE Band 7

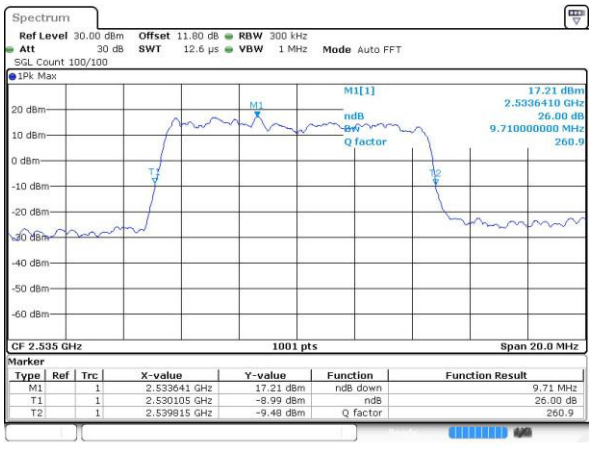
Lowest Channel / 10MHz / QPSK



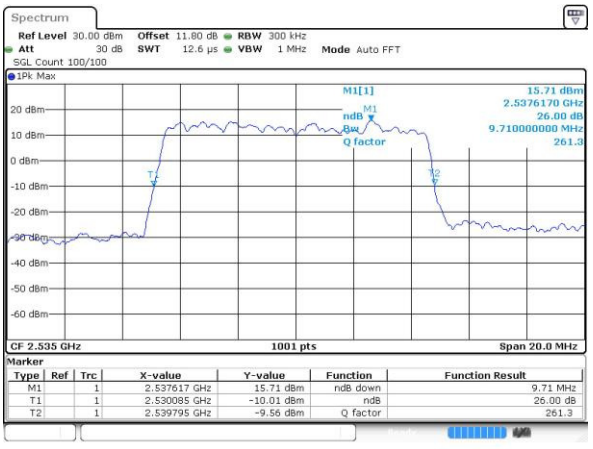
Lowest Channel / 10MHz / 16QAM



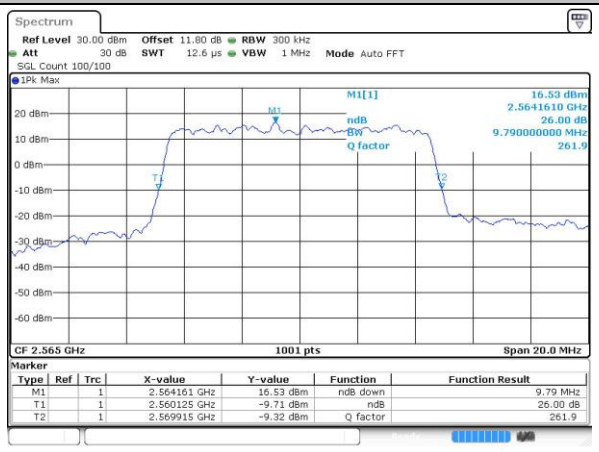
Middle Channel / 10MHz / QPSK



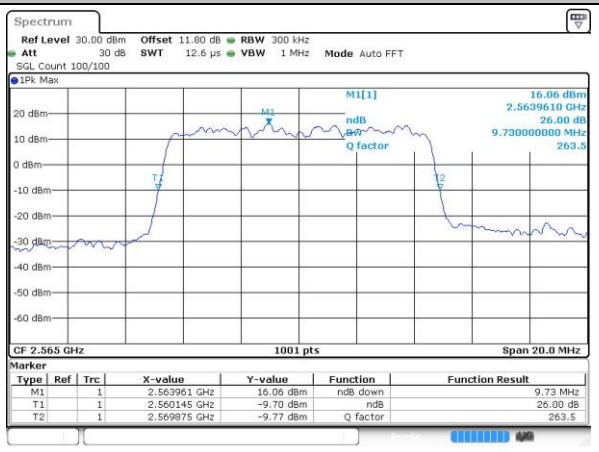
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

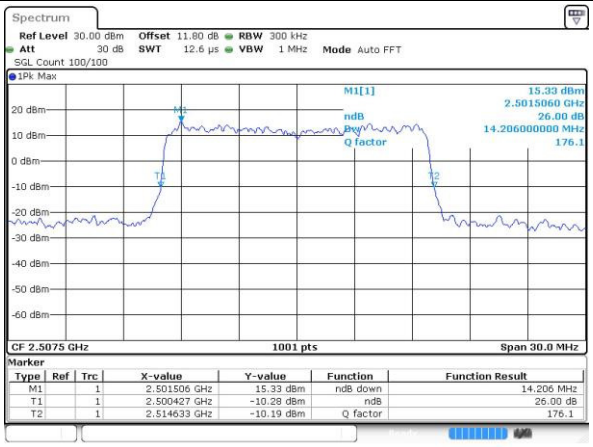


Highest Channel / 10MHz / 16QAM

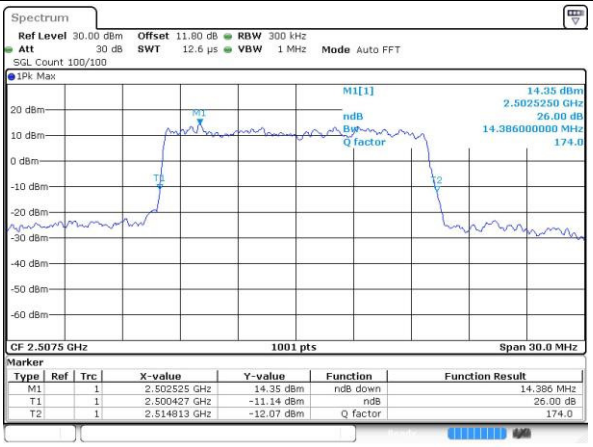


LTE Band 7

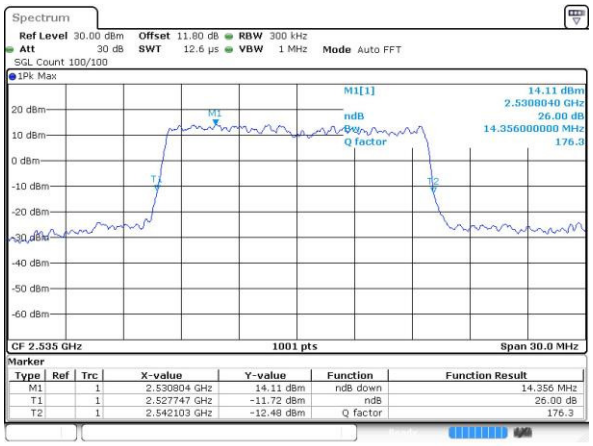
Lowest Channel / 15MHz / QPSK



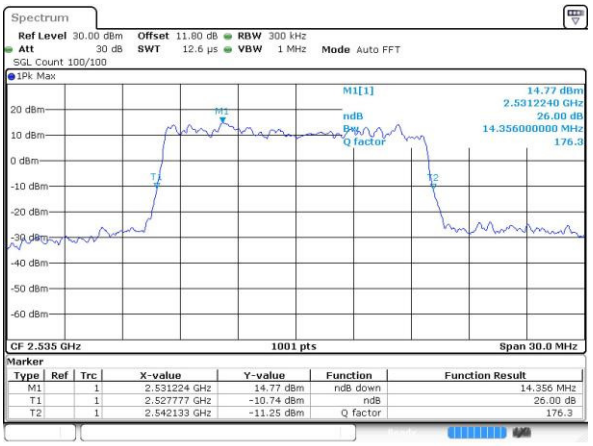
Lowest Channel / 15MHz / 16QAM



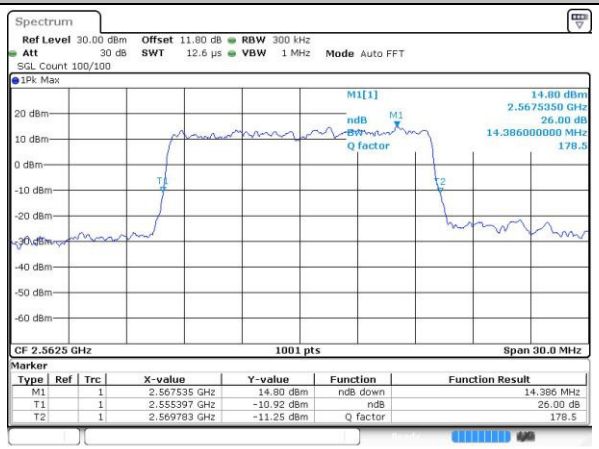
Middle Channel / 15MHz / QPSK



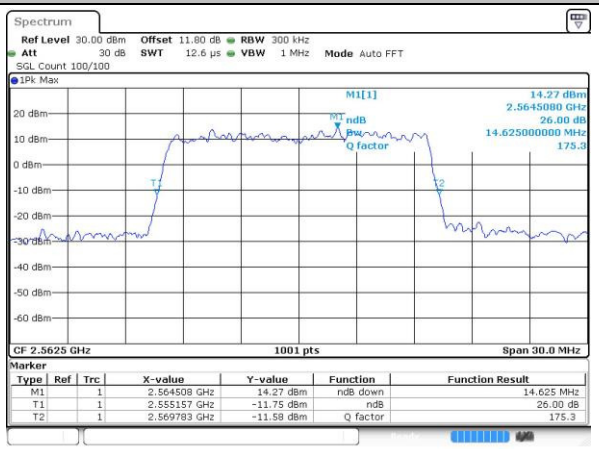
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

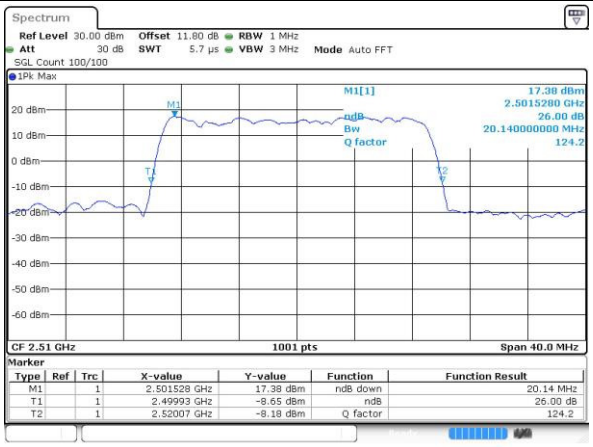


Highest Channel / 15MHz / 16QAM

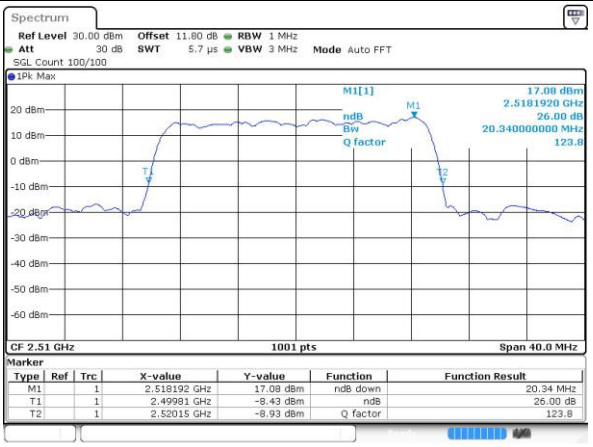


LTE Band 7

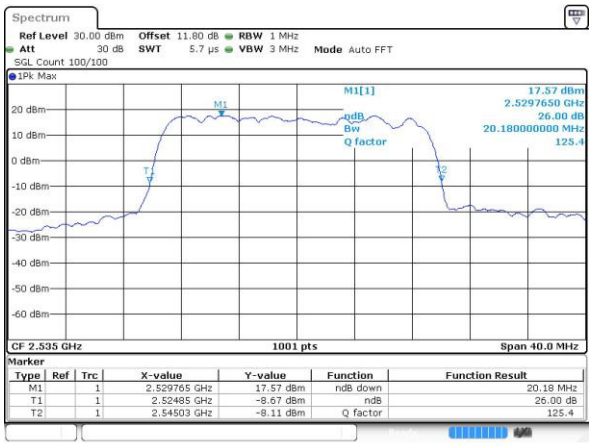
Lowest Channel / 20MHz / QPSK



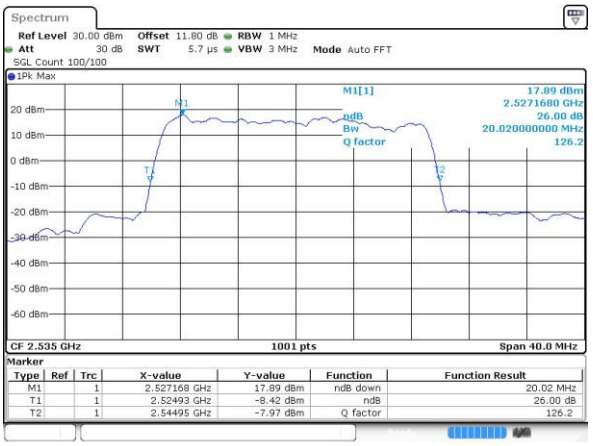
Lowest Channel / 20MHz / 16QAM



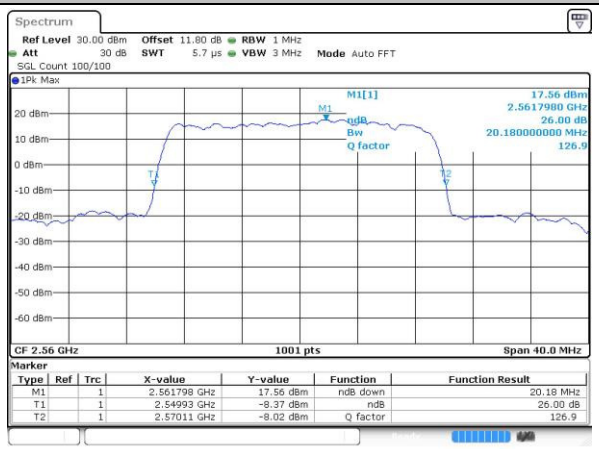
Middle Channel / 20MHz / QPSK



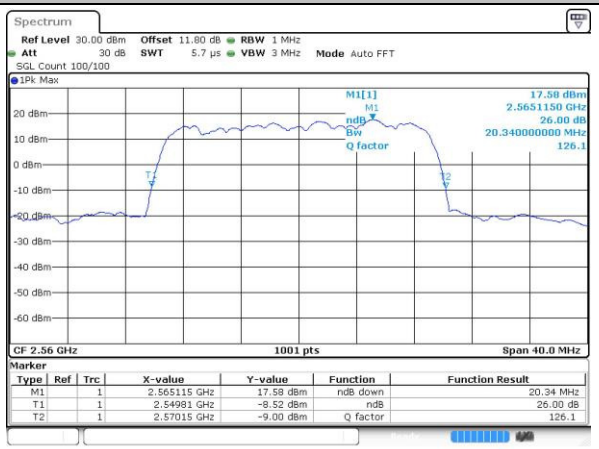
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

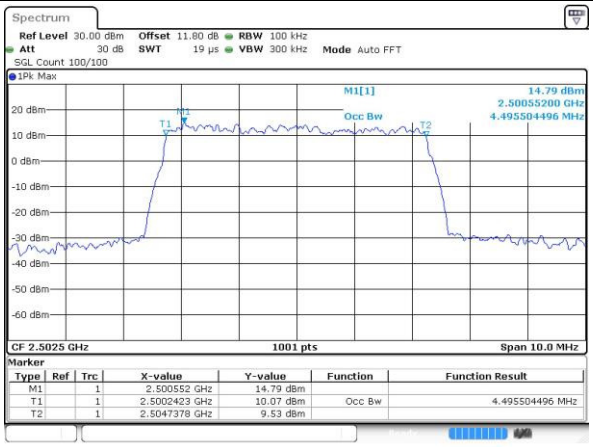


Occupied Bandwidth

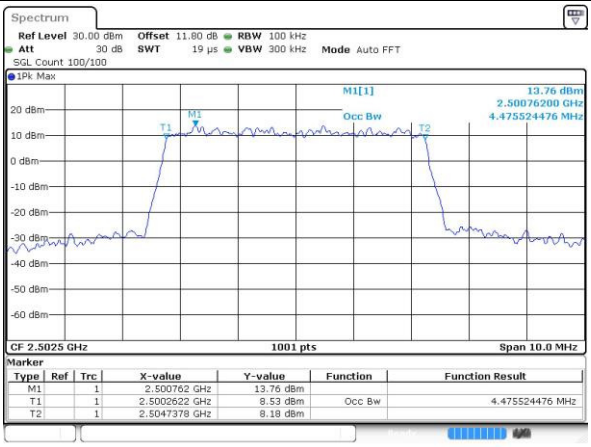
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.48	9.01	9.03	13.58	13.49	18.38	18.46
Middle CH	-	-	-	-	4.51	4.48	9.03	9.01	13.4	13.43	18.3	18.42
Highest CH	-	-	-	-	4.49	4.49	9.01	8.99	13.4	13.4	18.38	18.3

LTE Band 7

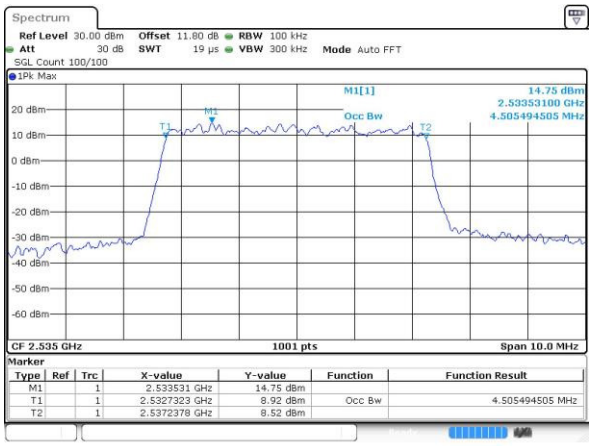
Lowest Channel / 5MHz / QPSK



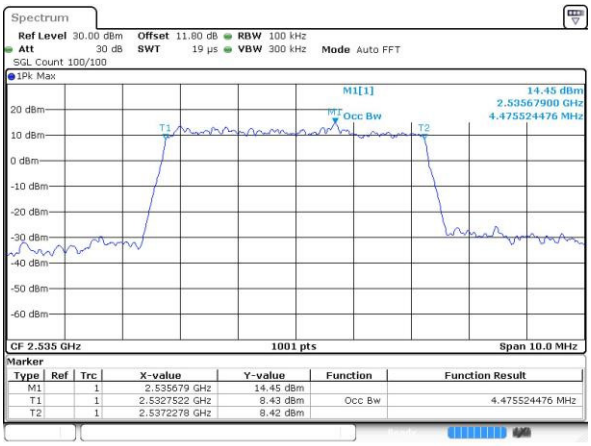
Lowest Channel / 5MHz / 16QAM



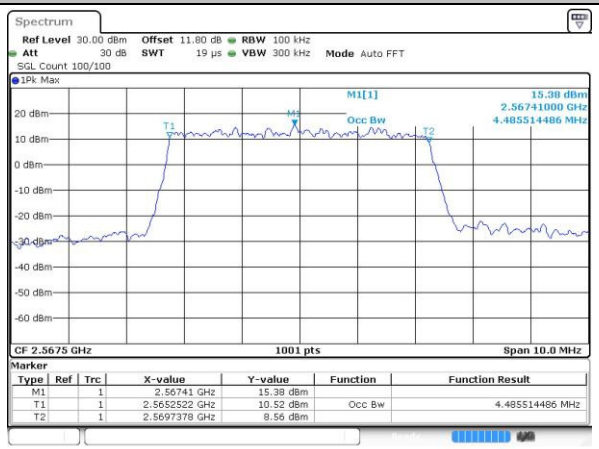
Middle Channel / 5MHz / QPSK



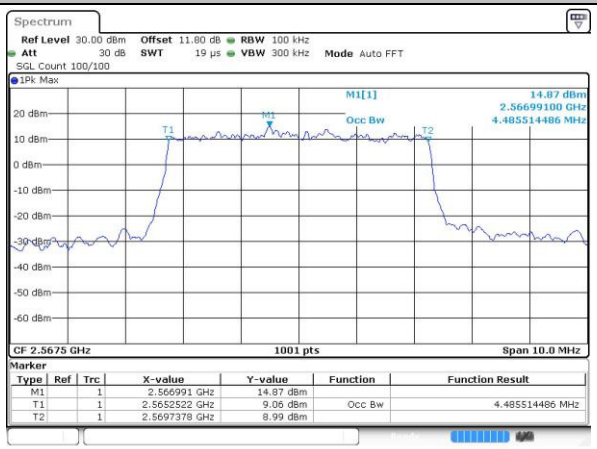
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

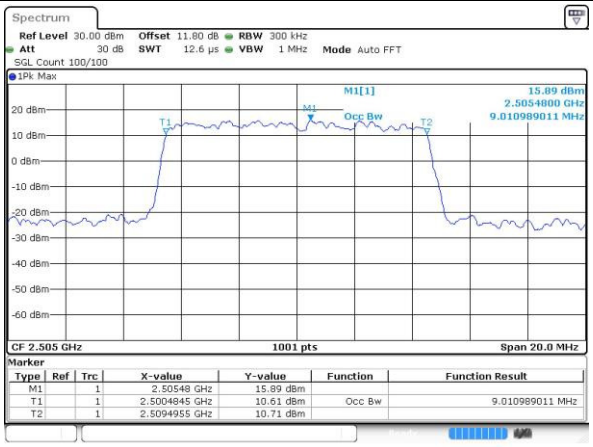


Highest Channel / 5MHz / 16QAM

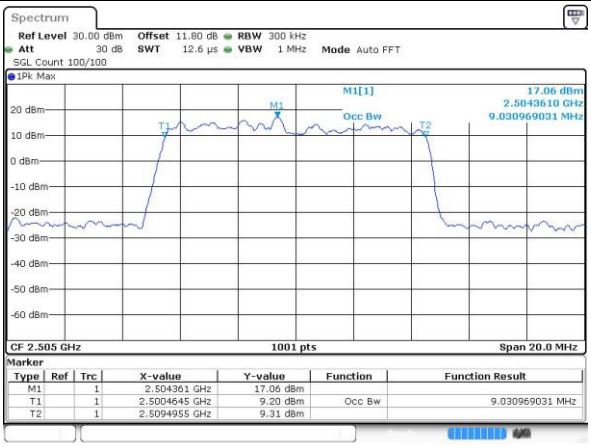


LTE Band 7

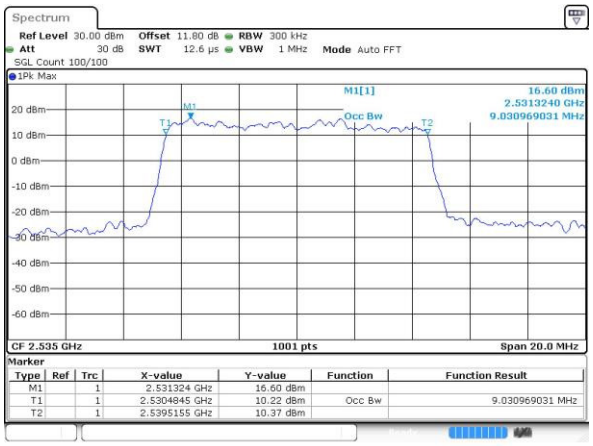
Lowest Channel / 10MHz / QPSK



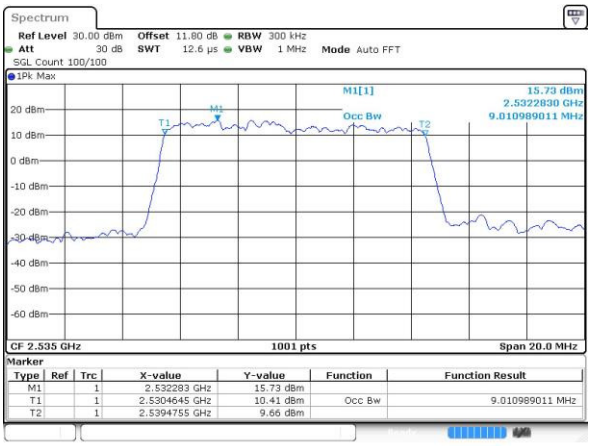
Lowest Channel / 10MHz / 16QAM



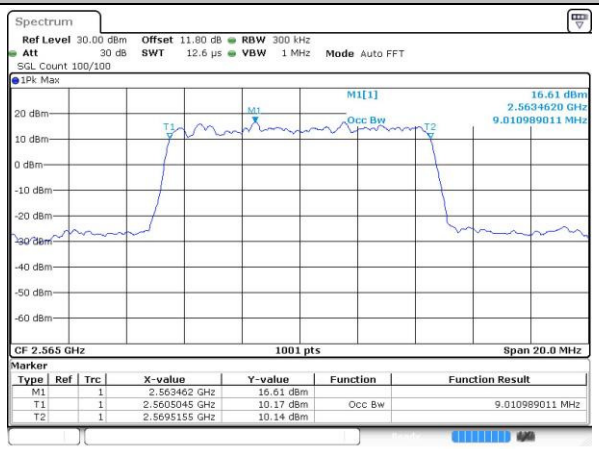
Middle Channel / 10MHz / QPSK



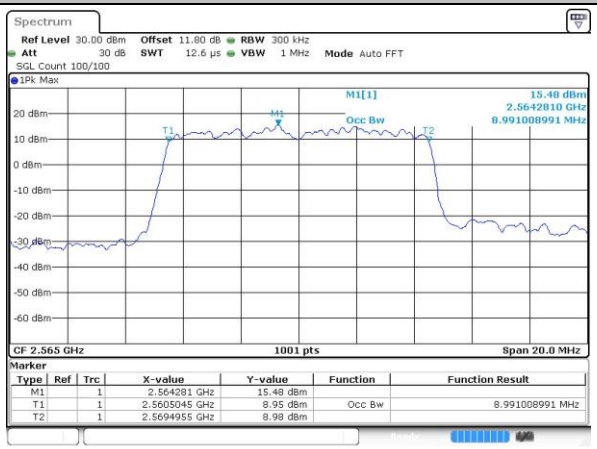
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

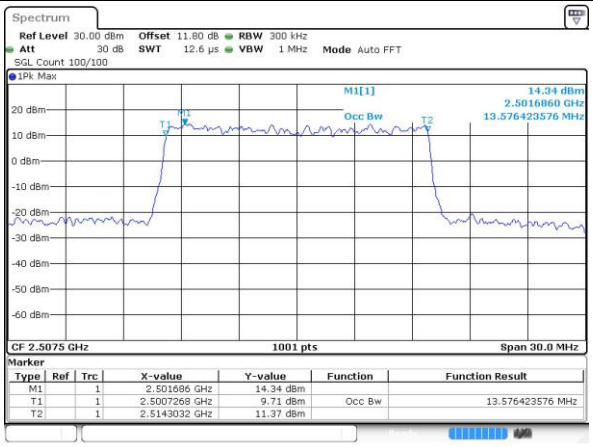


Highest Channel / 10MHz / 16QAM



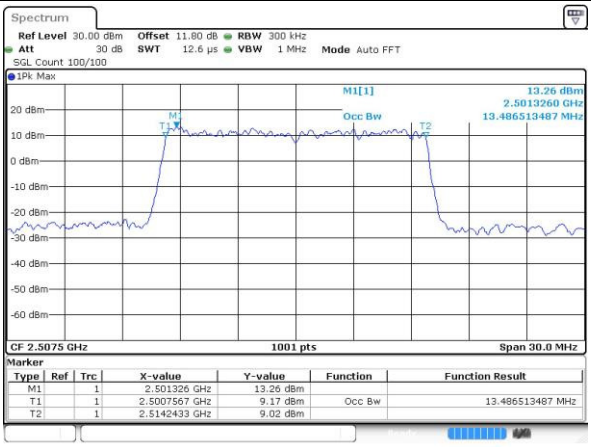
LTE Band 7

Lowest Channel / 15MHz / QPSK



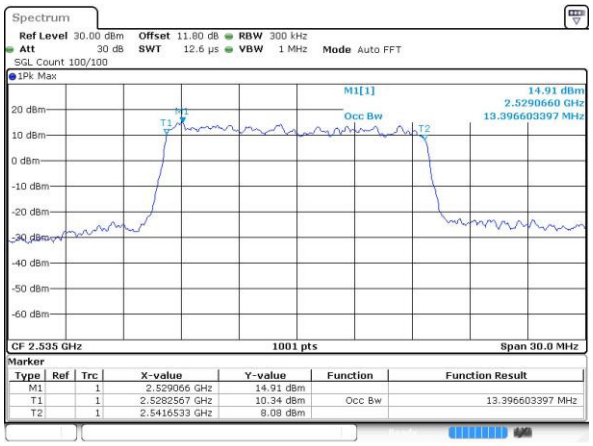
Date: 14.APR.2016 16:56:01

Lowest Channel / 15MHz / 16QAM



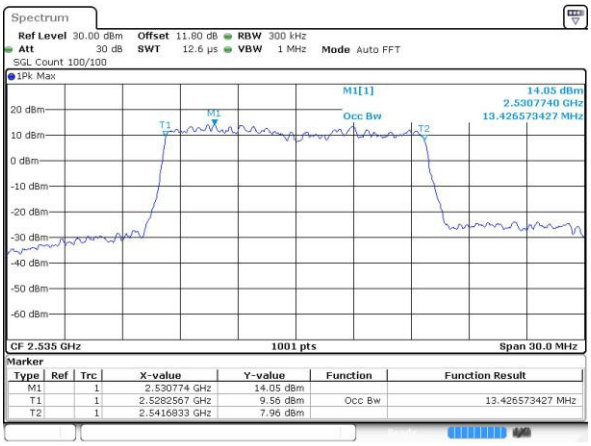
Date: 14.APR.2016 16:56:11

Middle Channel / 15MHz / QPSK



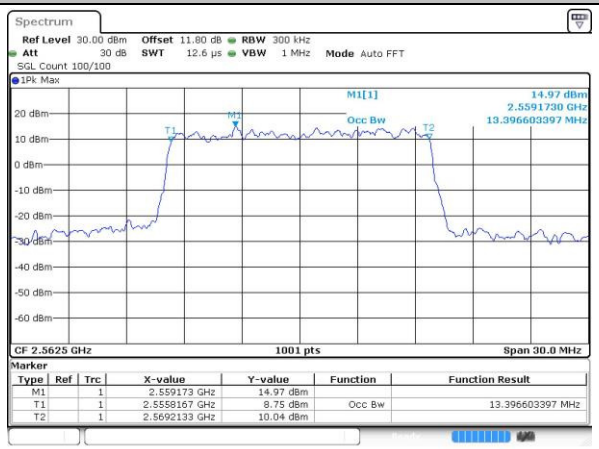
Date: 14.APR.2016 17:03:12

Middle Channel / 15MHz / 16QAM



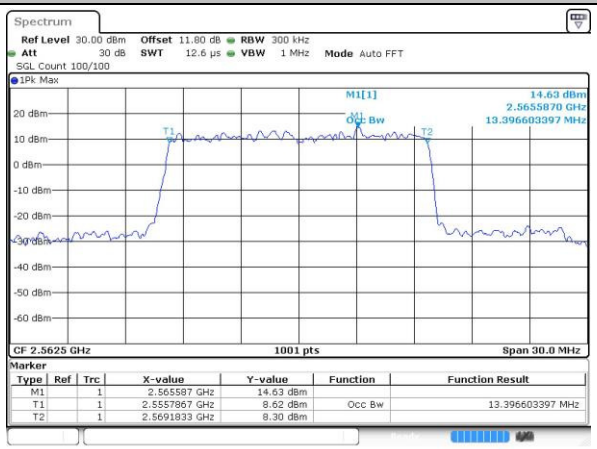
Date: 14.APR.2016 17:03:23

Highest Channel / 15MHz / QPSK



Date: 14.APR.2016 17:24:33

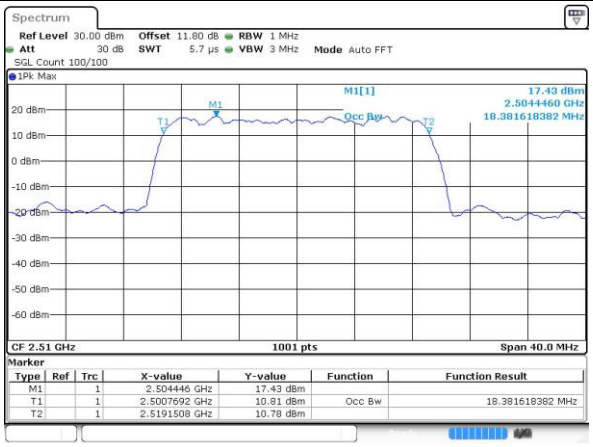
Highest Channel / 15MHz / 16QAM



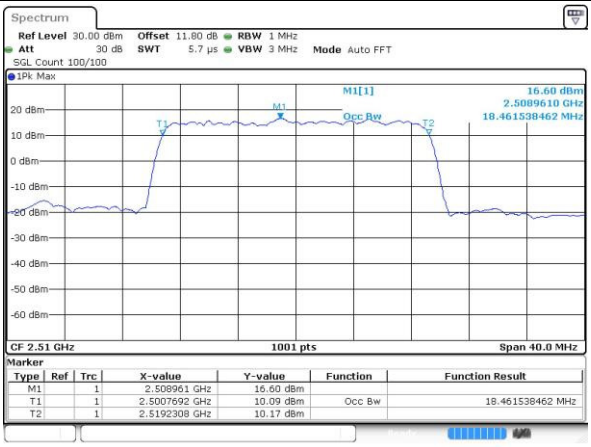
Date: 14.APR.2016 17:24:44

LTE Band 7

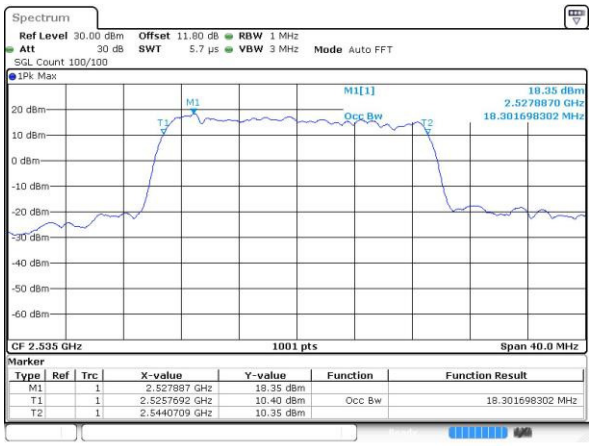
Lowest Channel / 20MHz / QPSK



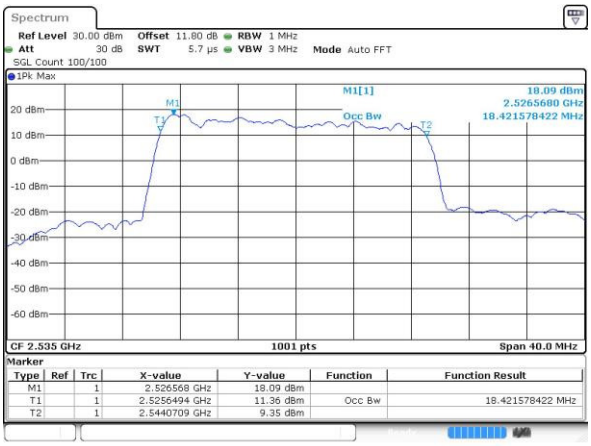
Lowest Channel / 20MHz / 16QAM



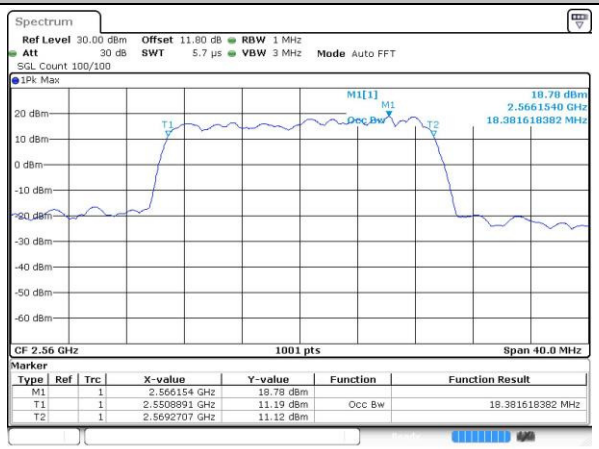
Middle Channel / 20MHz / QPSK



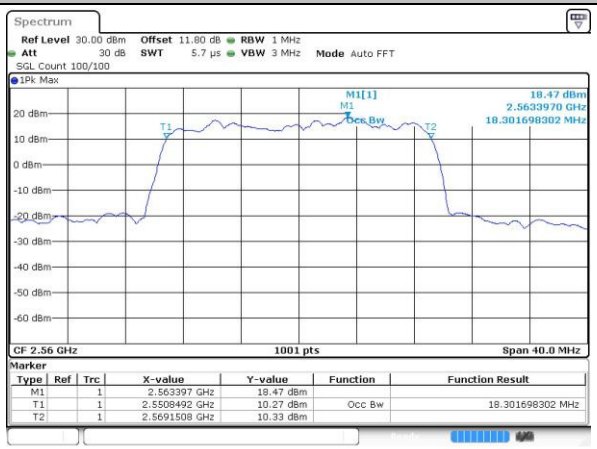
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



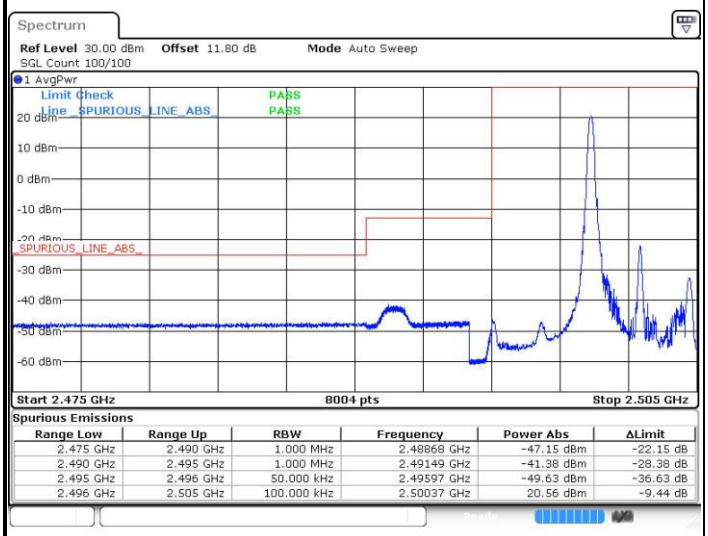
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

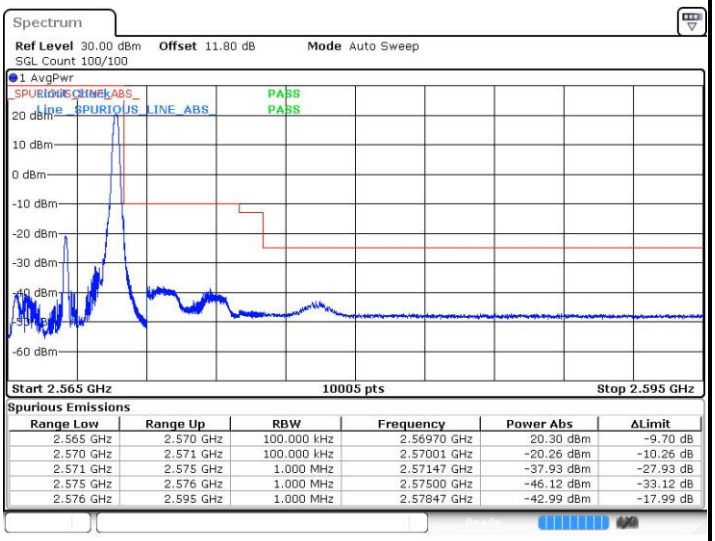


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48868 GHz	-47.15 dBm	-22.15 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49149 GHz	-41.38 dBm	-28.38 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49597 GHz	-49.63 dBm	-36.63 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50037 GHz	20.56 dBm	-9.44 dB

Date: 14.APR.2016 16:23:53

Highest Band Edge / 1 RB

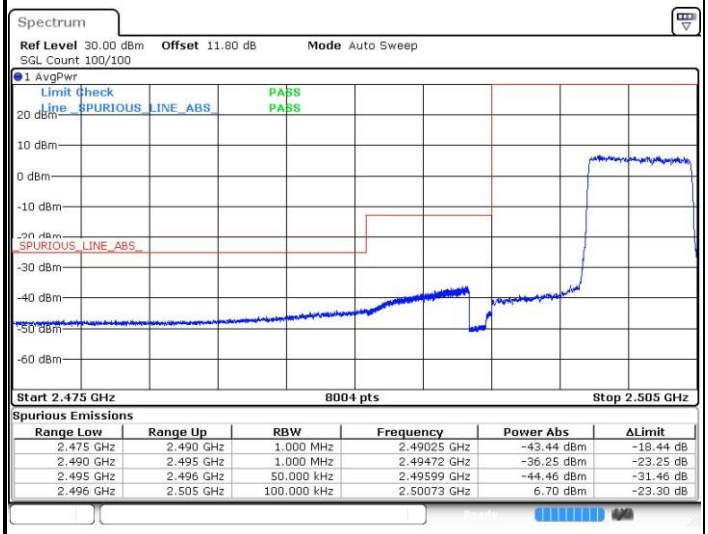


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56970 GHz	20.30 dBm	-9.70 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-20.26 dBm	-10.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57147 GHz	-37.93 dBm	-27.93 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-46.12 dBm	-33.12 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57847 GHz	-42.99 dBm	-17.99 dB

Date: 14.APR.2016 16:33:36

Lowest Band Edge / Full RB

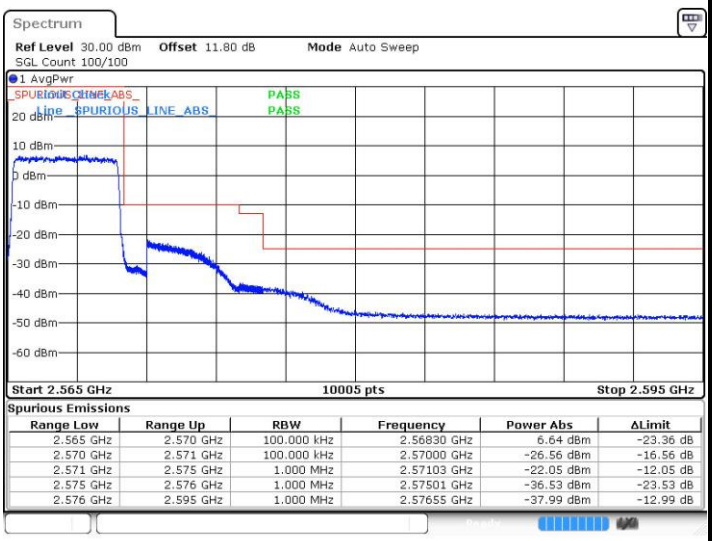


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49025 GHz	-43.44 dBm	-18.44 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49472 GHz	-36.25 dBm	-23.25 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-44.46 dBm	-31.46 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50073 GHz	6.70 dBm	-23.30 dB

Date: 14.APR.2016 16:26:12

Highest Band Edge / Full RB



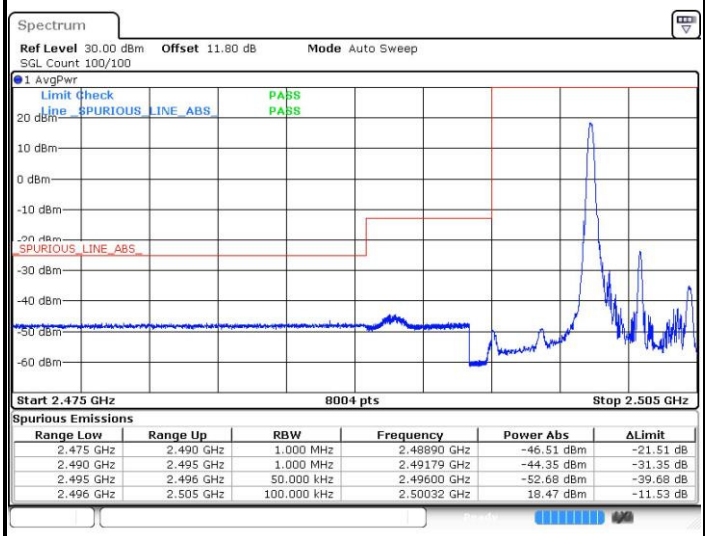
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56830 GHz	6.64 dBm	-23.36 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-26.56 dBm	-16.56 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-22.05 dBm	-12.05 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-36.53 dBm	-23.53 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57655 GHz	-37.99 dBm	-12.99 dB

Date: 14.APR.2016 16:35:55

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

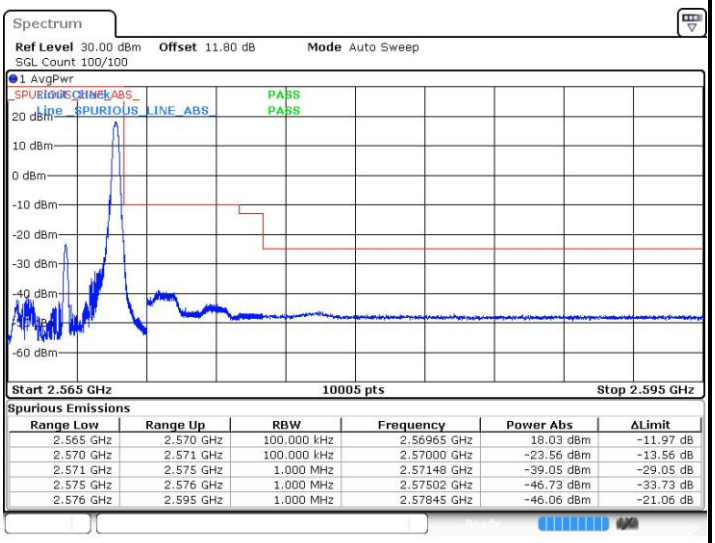


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48890 GHz	-46.51 dBm	-21.51 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49179 GHz	-44.35 dBm	-31.35 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-52.68 dBm	-39.68 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	18.47 dBm	-11.53 dB

Date: 14.APR.2016 16:25:02

Highest Band Edge / 1 RB

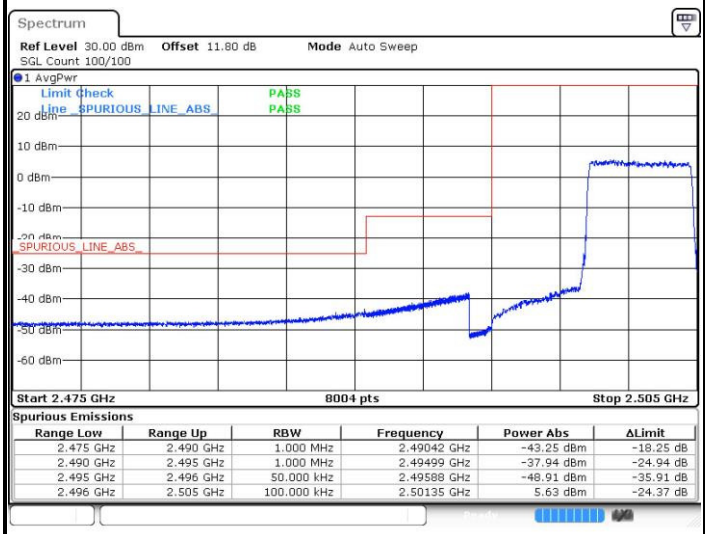


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56965 GHz	18.03 dBm	-11.97 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-23.56 dBm	-13.56 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57148 GHz	-39.05 dBm	-29.05 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57502 GHz	-46.73 dBm	-33.73 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57845 GHz	-46.06 dBm	-21.06 dB

Date: 14.APR.2016 16:34:46

Lowest Band Edge / Full RB

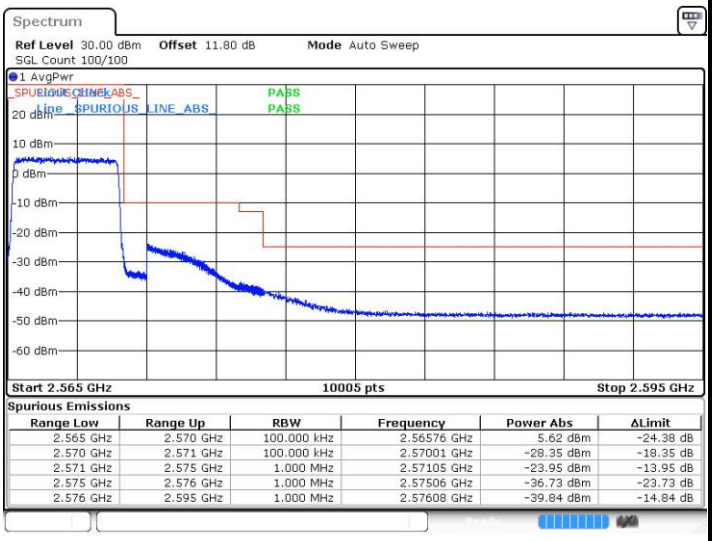


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-43.25 dBm	-18.25 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-37.94 dBm	-24.94 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49588 GHz	-48.91 dBm	-35.91 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50135 GHz	5.63 dBm	-24.37 dB

Date: 14.APR.2016 16:27:22

Highest Band Edge / Full RB



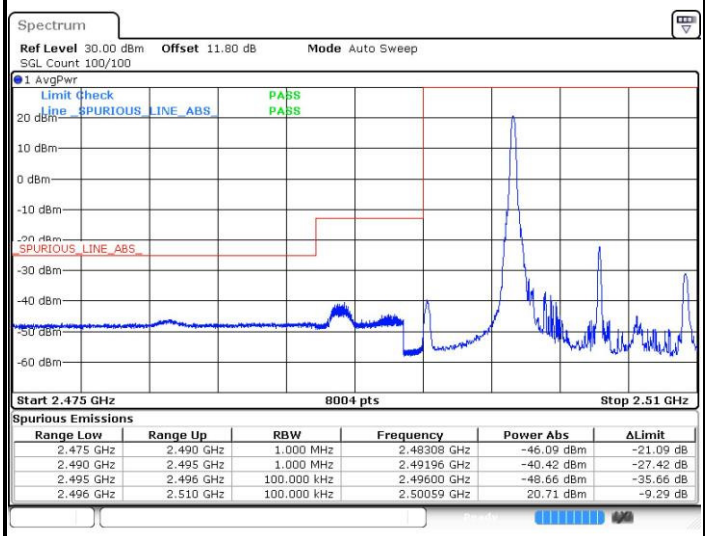
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56576 GHz	5.62 dBm	-24.38 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-28.35 dBm	-18.35 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-23.95 dBm	-13.95 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57506 GHz	-36.73 dBm	-23.73 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57608 GHz	-39.84 dBm	-14.84 dB

Date: 14.APR.2016 16:37:05

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

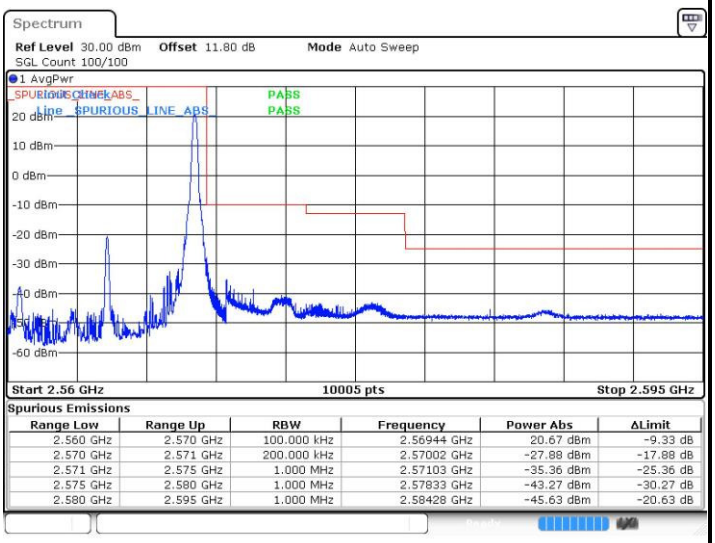


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48308 GHz	-46.09 dBm	-21.09 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49196 GHz	-40.42 dBm	-27.42 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-48.66 dBm	-35.66 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	20.71 dBm	-9.29 dB

Date: 14.APR.2016 16:40:47

Highest Band Edge / 1 RB

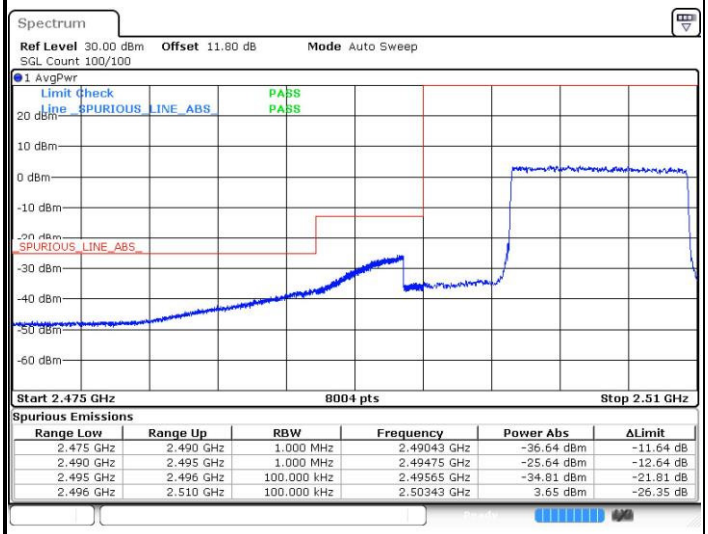


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	20.67 dBm	-9.33 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-27.88 dBm	-17.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-35.36 dBm	-25.36 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57833 GHz	-43.27 dBm	-30.27 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58428 GHz	-45.63 dBm	-20.63 dB

Date: 14.APR.2016 16:50:30

Lowest Band Edge / Full RB

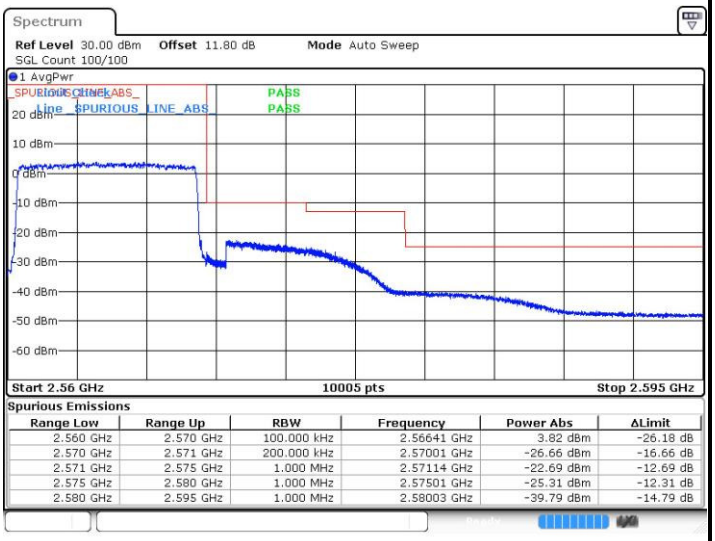


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-36.64 dBm	-11.64 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49475 GHz	-25.64 dBm	-12.64 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49565 GHz	-34.81 dBm	-21.81 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50343 GHz	3.65 dBm	-26.35 dB

Date: 14.APR.2016 16:43:07

Highest Band Edge / Full RB



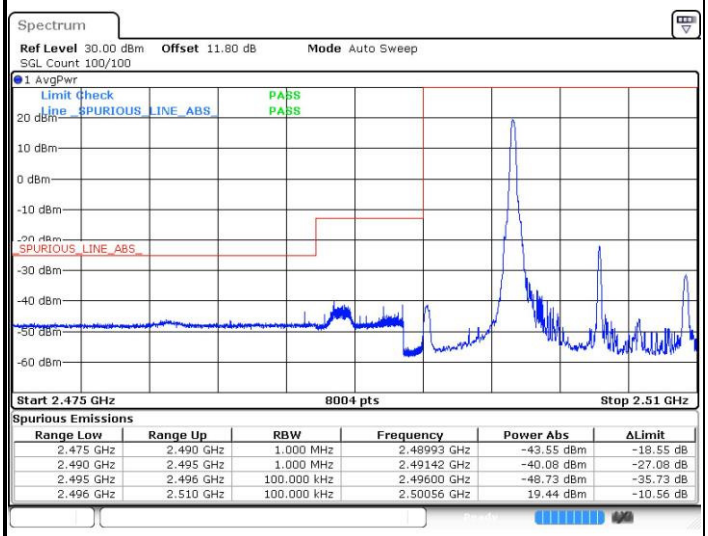
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56641 GHz	3.82 dBm	-26.18 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-26.66 dBm	-16.66 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-22.69 dBm	-12.69 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57501 GHz	-25.31 dBm	-12.31 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58003 GHz	-39.79 dBm	-14.79 dB

Date: 14.APR.2016 16:52:50

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

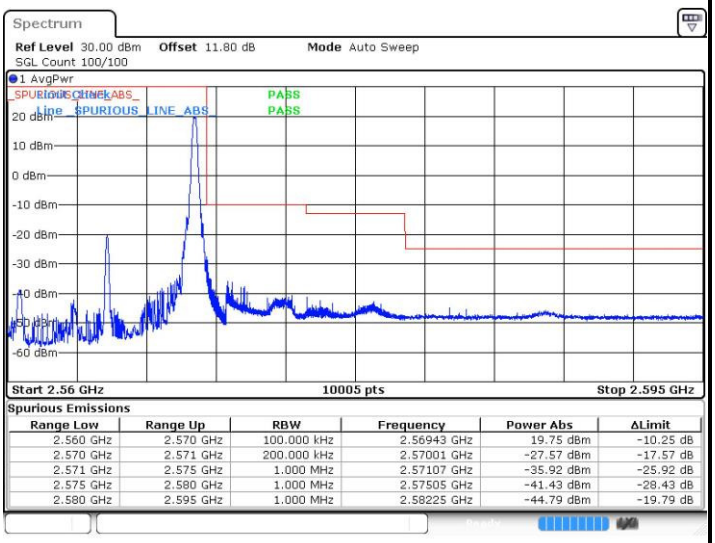


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48993 GHz	-43.55 dBm	-18.55 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49142 GHz	-40.08 dBm	-27.08 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-48.73 dBm	-35.73 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50056 GHz	19.44 dBm	-10.56 dB

Date: 14.APR.2016 16:41:57

Highest Band Edge / 1 RB

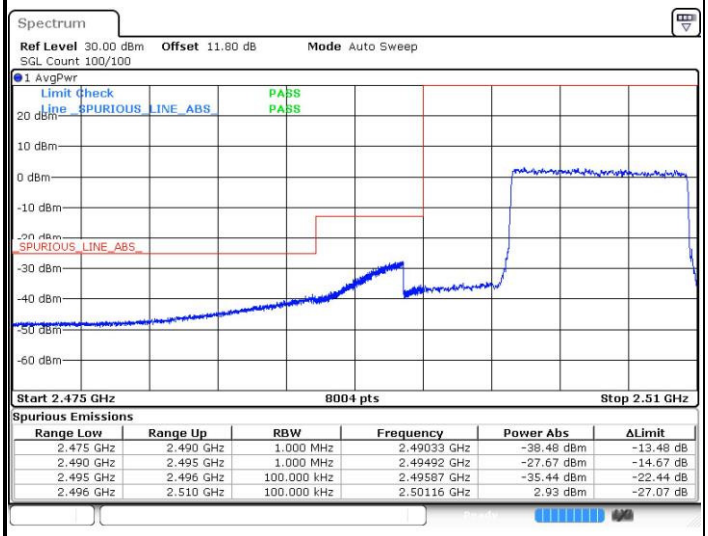


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	19.75 dBm	-10.25 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-27.57 dBm	-17.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-35.92 dBm	-25.92 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57505 GHz	-41.43 dBm	-28.43 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58225 GHz	-44.79 dBm	-19.79 dB

Date: 14.APR.2016 16:51:40

Lowest Band Edge / Full RB

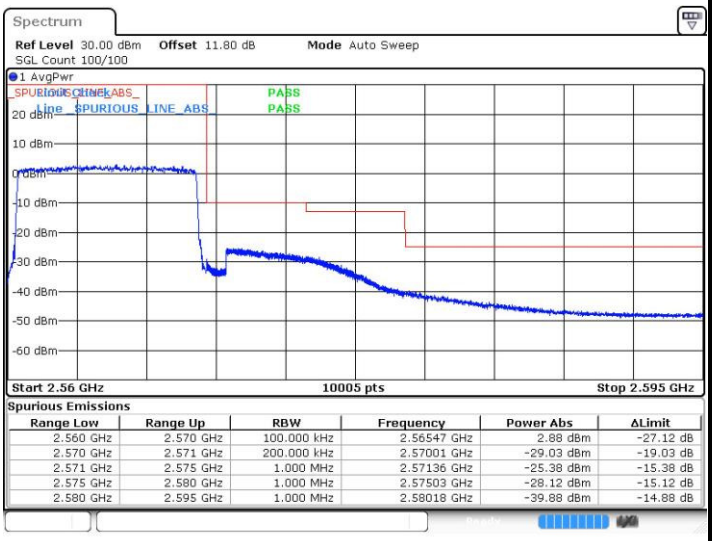


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-38.48 dBm	-13.48 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-27.67 dBm	-14.67 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49587 GHz	-35.44 dBm	-22.44 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50116 GHz	2.93 dBm	-27.07 dB

Date: 14.APR.2016 16:44:17

Highest Band Edge / Full RB



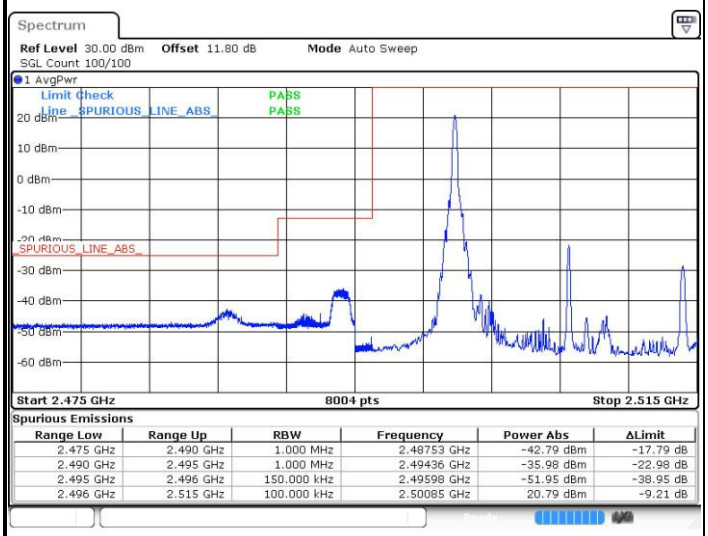
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56547 GHz	2.88 dBm	-27.12 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-29.03 dBm	-19.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-25.38 dBm	-15.38 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57503 GHz	-28.12 dBm	-15.12 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58018 GHz	-39.88 dBm	-14.88 dB

Date: 14.APR.2016 16:54:00

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

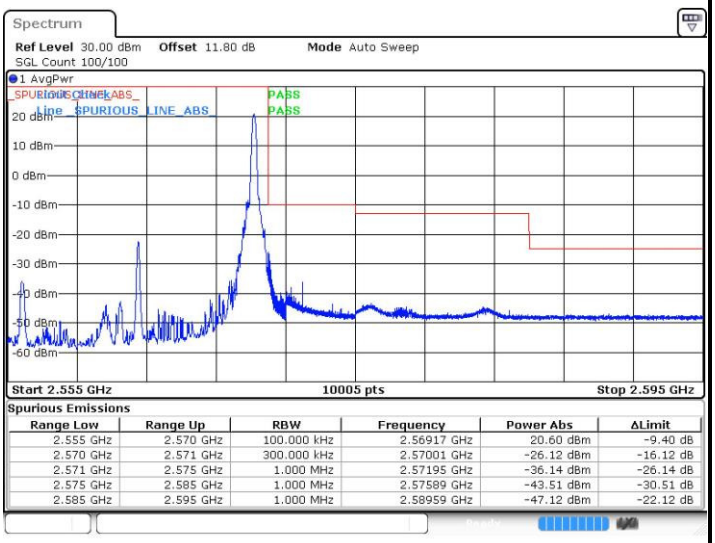


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48753 GHz	-42.79 dBm	-17.79 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49436 GHz	-35.98 dBm	-22.98 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49598 GHz	-51.95 dBm	-38.95 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	20.79 dBm	-9.21 dB

Date: 14.APR.2016 16:57:42

Highest Band Edge / 1 RB

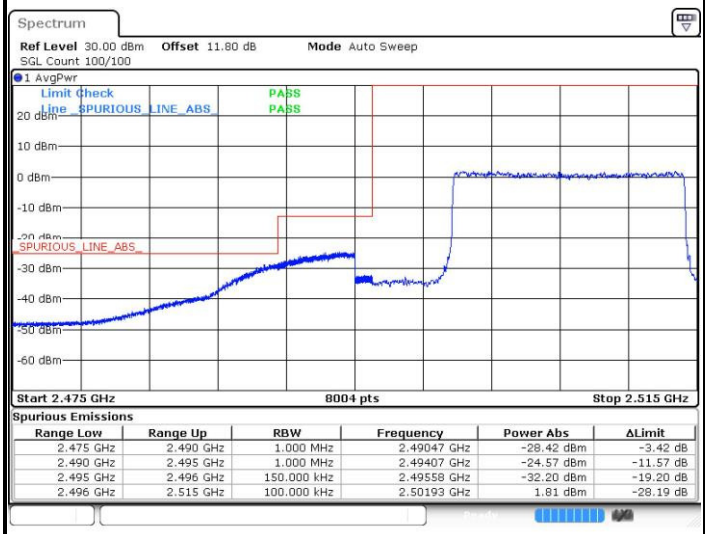


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	20.60 dBm	-9.40 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-26.12 dBm	-16.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57195 GHz	-36.14 dBm	-26.14 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57589 GHz	-43.51 dBm	-30.51 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58959 GHz	-47.12 dBm	-22.12 dB

Date: 14.APR.2016 17:26:14

Lowest Band Edge / Full RB

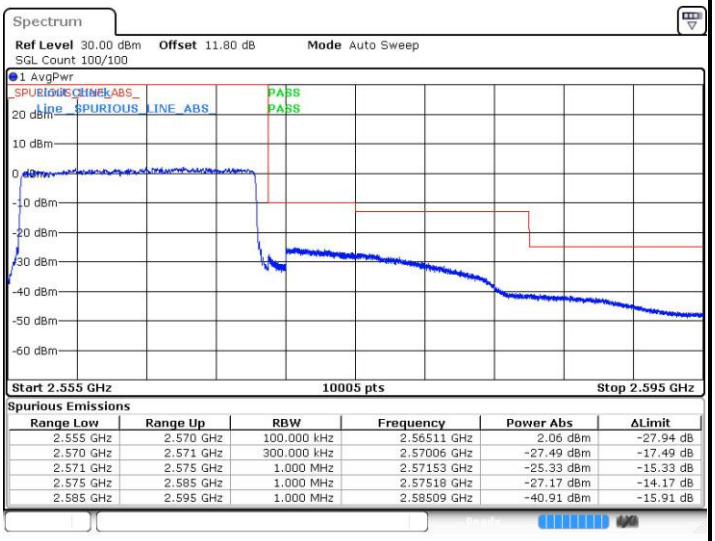


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-28.42 dBm	-3.42 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49407 GHz	-24.57 dBm	-11.57 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49558 GHz	-32.20 dBm	-19.20 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50193 GHz	1.81 dBm	-28.19 dB

Date: 14.APR.2016 17:00:02

Highest Band Edge / Full RB



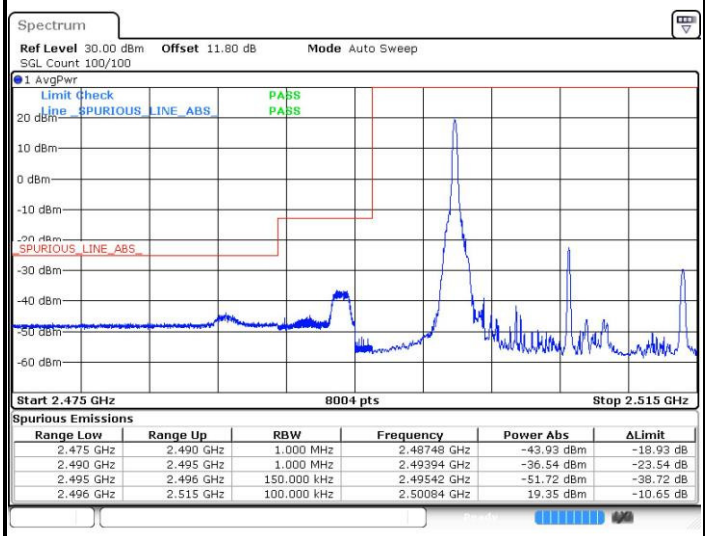
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56511 GHz	2.06 dBm	-27.94 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57006 GHz	-27.49 dBm	-17.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57153 GHz	-25.33 dBm	-15.33 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57518 GHz	-27.17 dBm	-14.17 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58509 GHz	-40.91 dBm	-15.91 dB

Date: 14.APR.2016 17:28:34

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

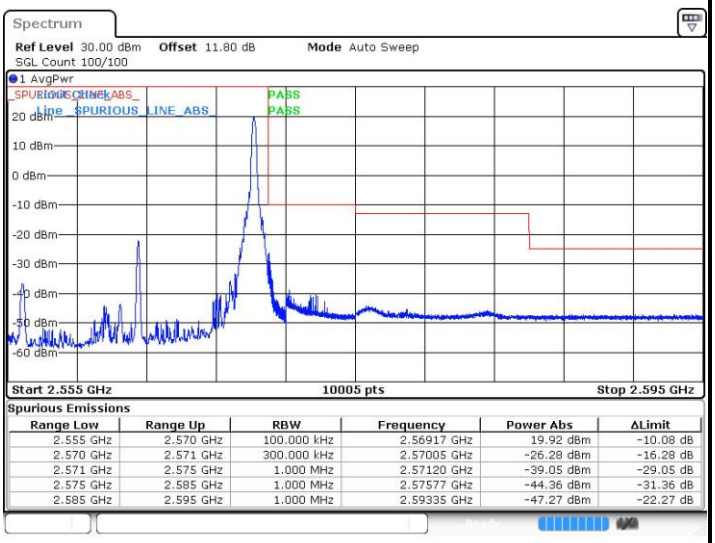


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48748 GHz	-43.93 dBm	-18.93 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49394 GHz	-36.54 dBm	-23.54 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49542 GHz	-51.72 dBm	-38.72 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.35 dBm	-10.65 dB

Date: 14.APR.2016 16:58:52

Highest Band Edge / 1 RB

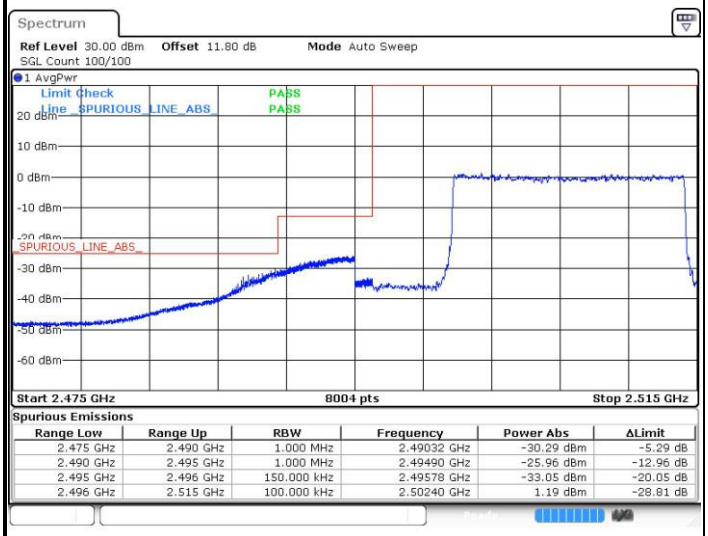


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	19.92 dBm	-10.08 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-26.28 dBm	-16.28 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-39.05 dBm	-29.05 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57577 GHz	-44.36 dBm	-31.36 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59335 GHz	-47.27 dBm	-22.27 dB

Date: 14.APR.2016 17:27:24

Lowest Band Edge / Full RB

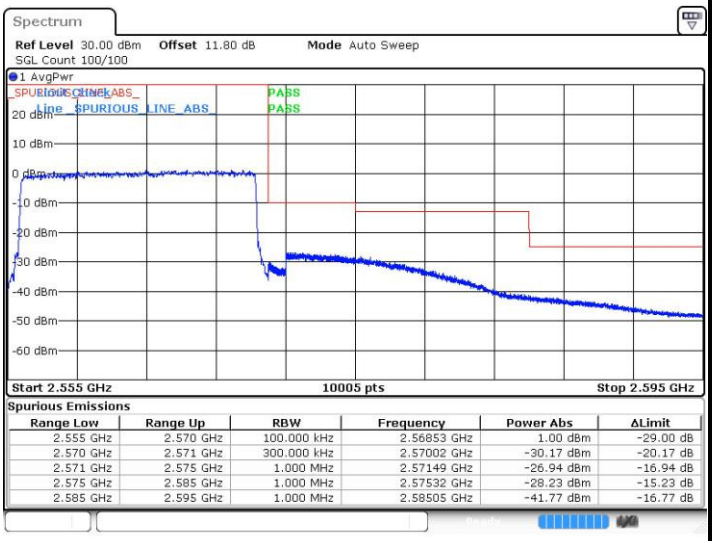


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49032 GHz	-30.29 dBm	-5.29 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49490 GHz	-25.96 dBm	-12.96 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49578 GHz	-33.05 dBm	-20.05 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50240 GHz	1.19 dBm	-28.81 dB

Date: 14.APR.2016 17:01:11

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	2.56853 GHz	1.00 dBm	-29.00 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-30.17 dBm	-20.17 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57149 GHz	-26.94 dBm	-16.94 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57532 GHz	-28.23 dBm	-15.23 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-41.77 dBm	-16.77 dB

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