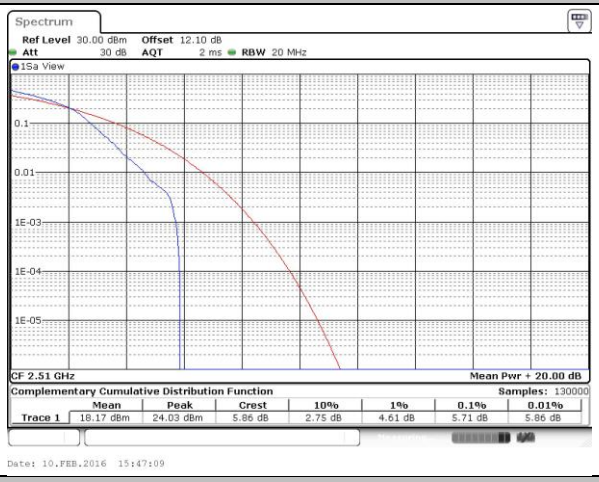
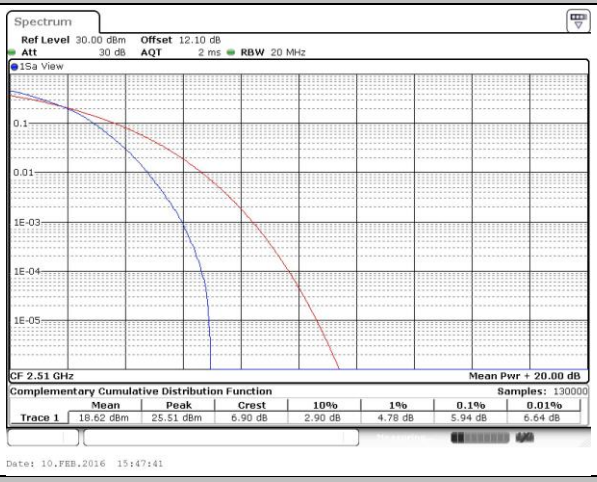
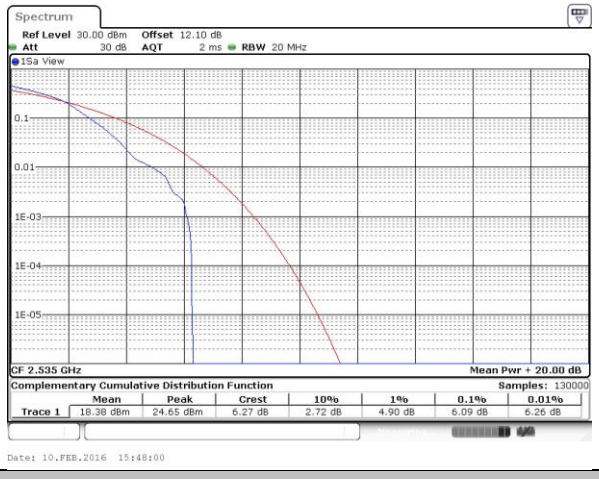
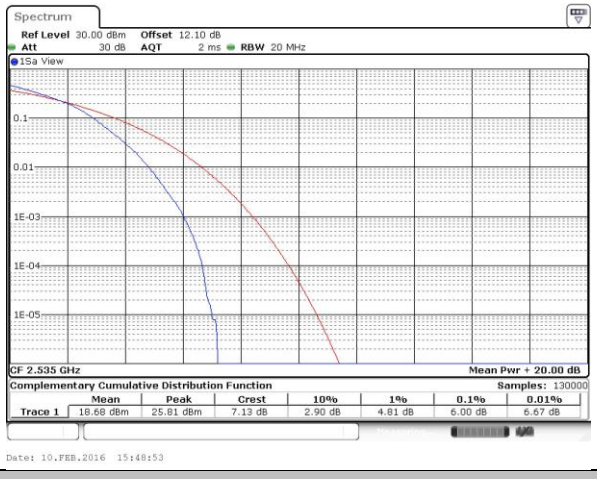
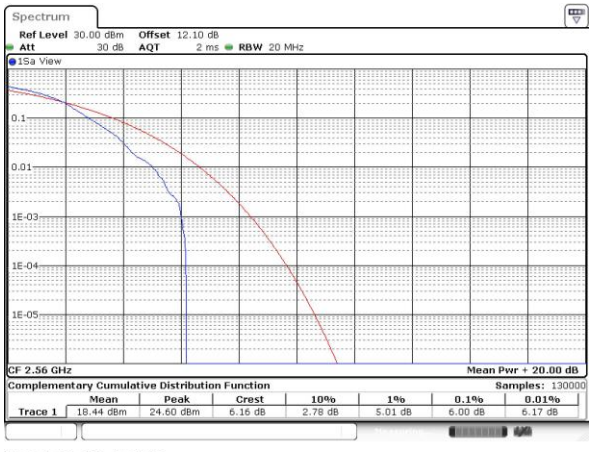
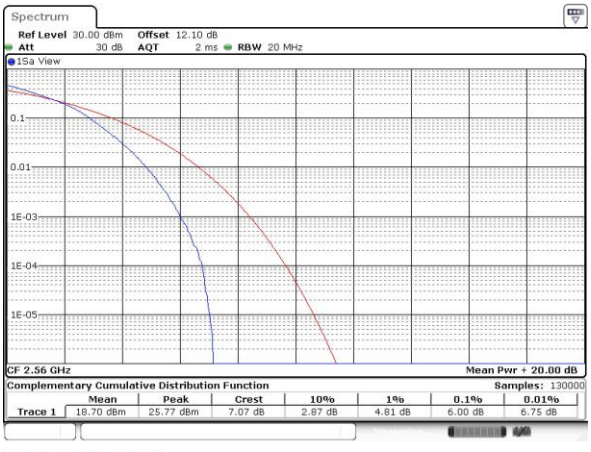
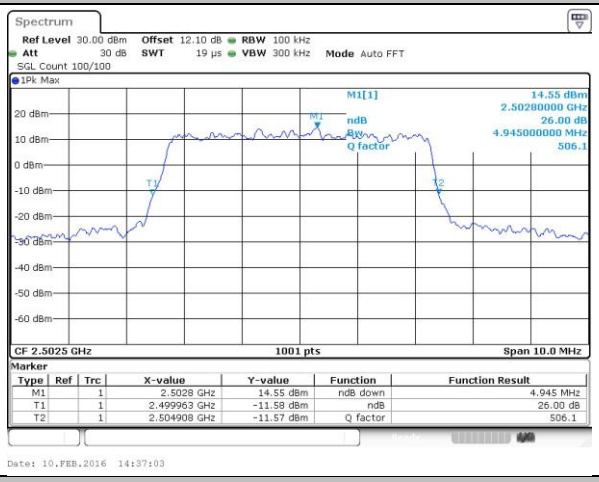
LTE Band 7 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

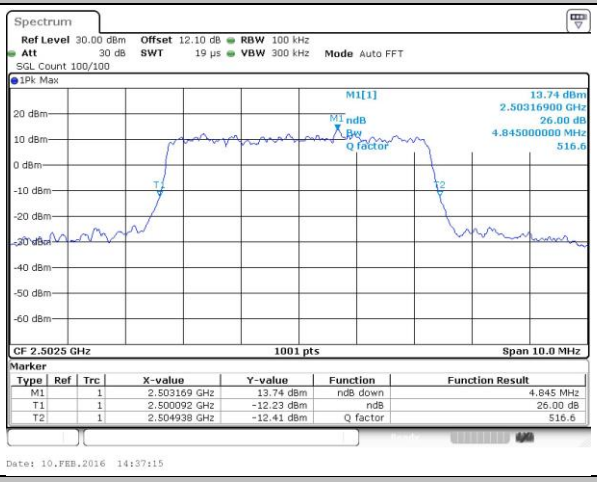
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.95	4.85	9.85	9.87	14.51	14.75	20.38	20.46
Middle CH	-	-	-	-	4.98	4.89	9.85	9.87	14.18	14.69	20.38	20.02
Highest CH	-	-	-	-	4.95	4.92	9.99	9.85	14.36	14.15	20.18	20.22

LTE Band 7

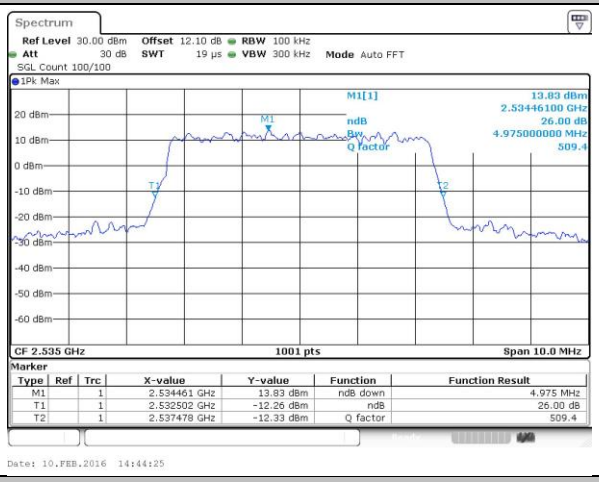
Lowest Channel / 5MHz / QPSK



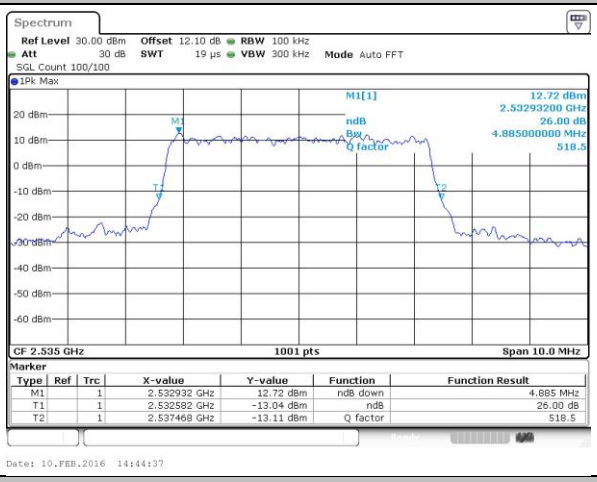
Lowest Channel / 5MHz / 16QAM



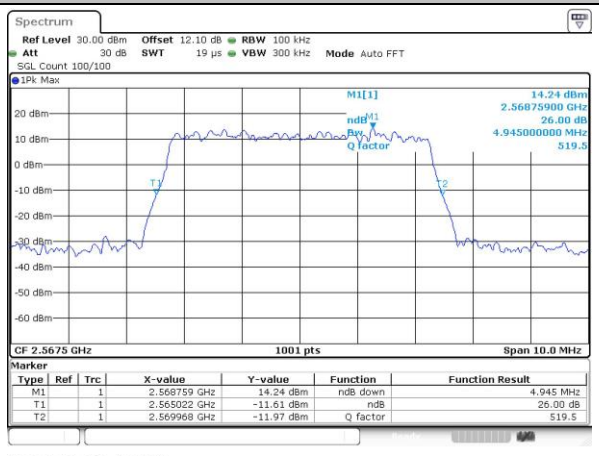
Middle Channel / 5MHz / QPSK



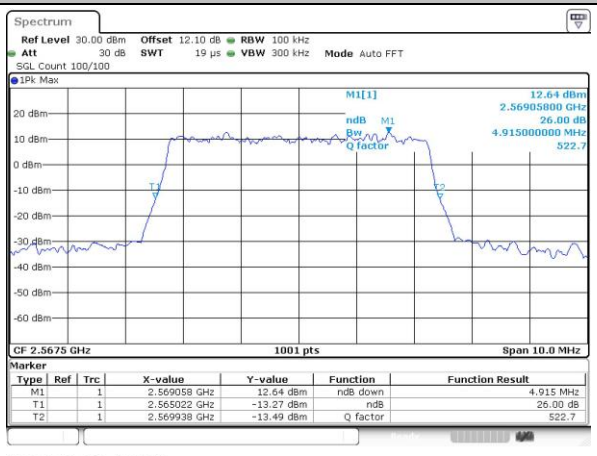
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

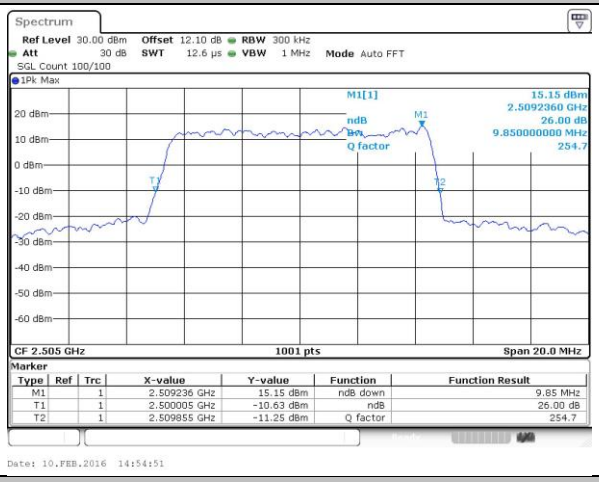


Highest Channel / 5MHz / 16QAM

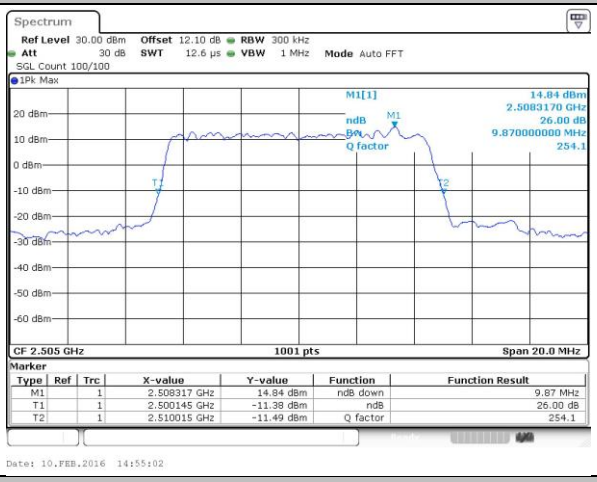


LTE Band 7

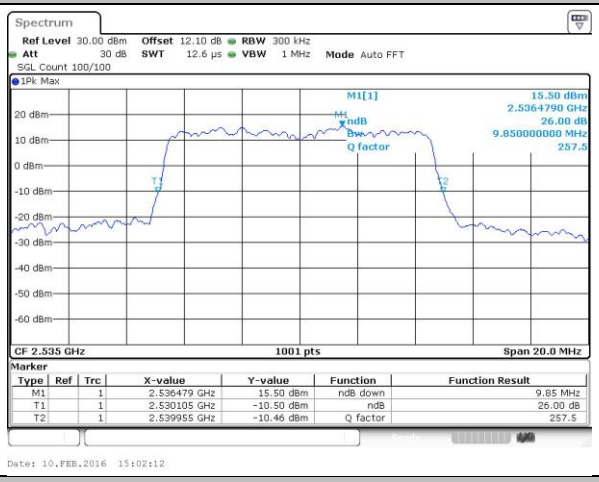
Lowest Channel / 10MHz / QPSK



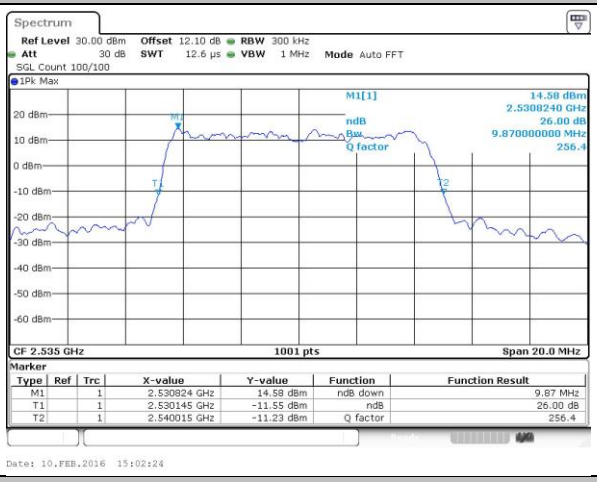
Lowest Channel / 10MHz / 16QAM



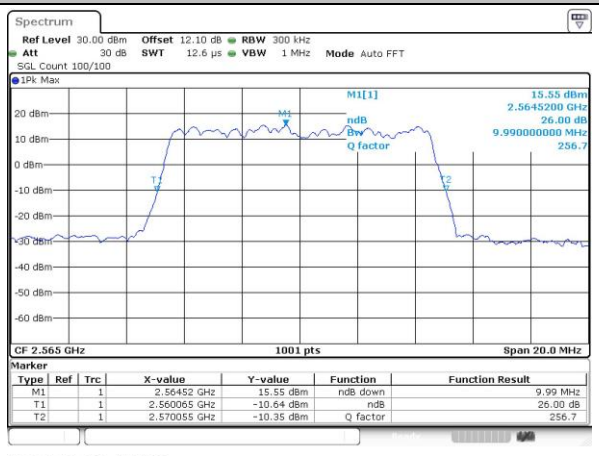
Middle Channel / 10MHz / QPSK



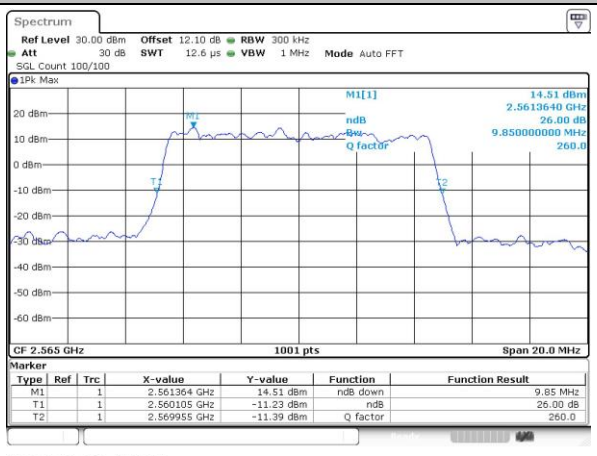
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

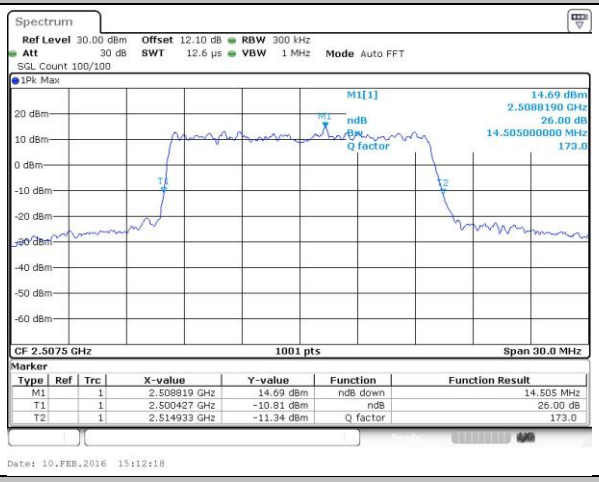


Highest Channel / 10MHz / 16QAM

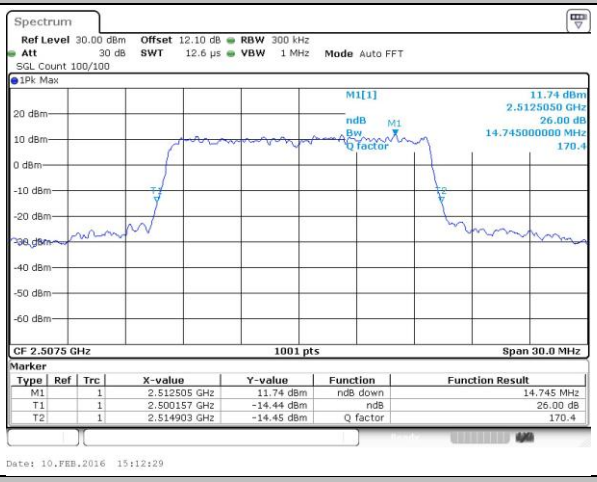


LTE Band 7

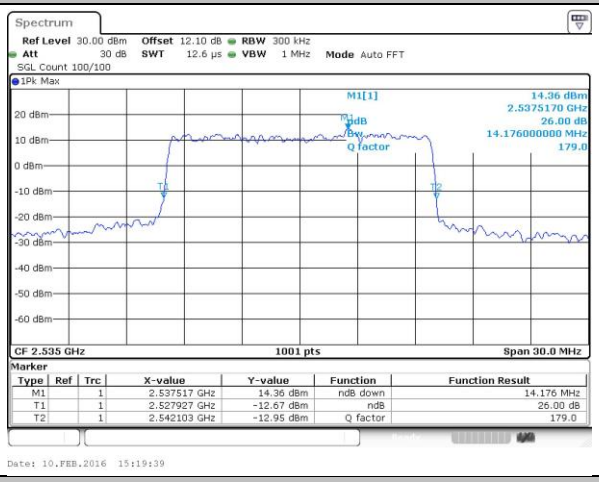
Lowest Channel / 15MHz / QPSK



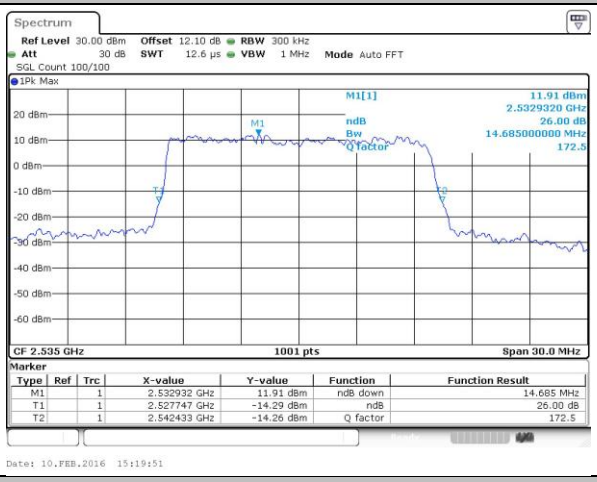
Lowest Channel / 15MHz / 16QAM



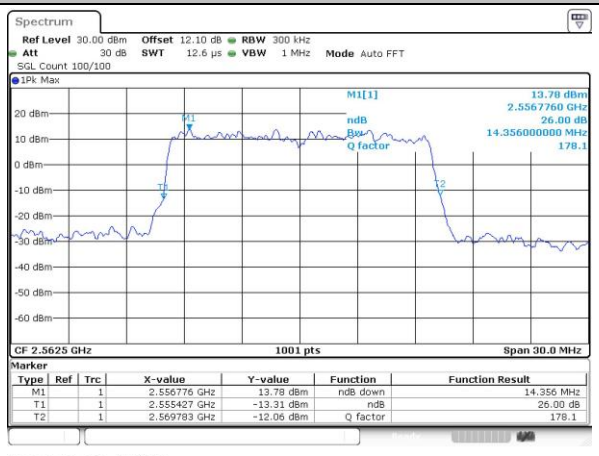
Middle Channel / 15MHz / QPSK



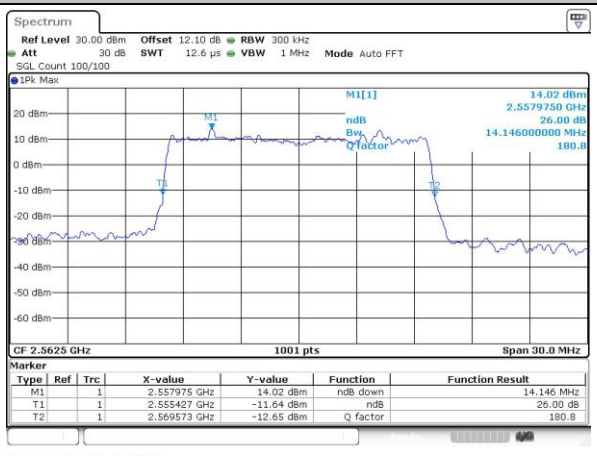
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

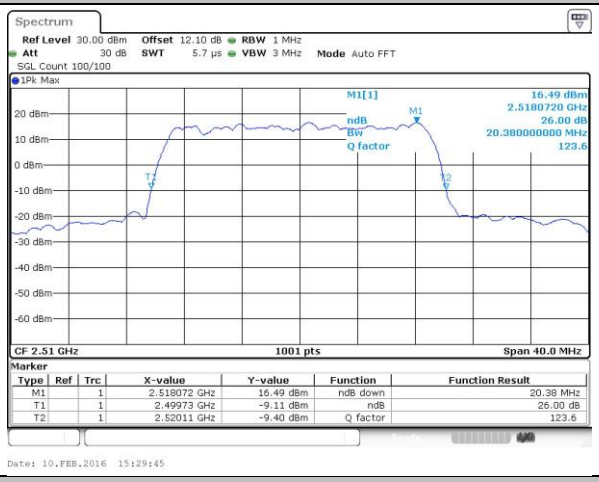


Highest Channel / 15MHz / 16QAM

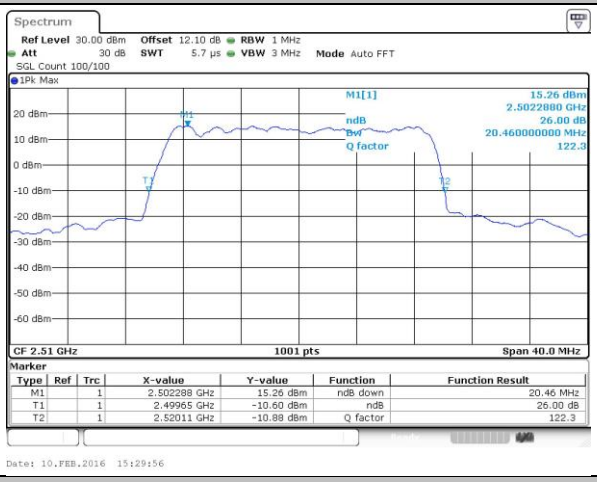


LTE Band 7

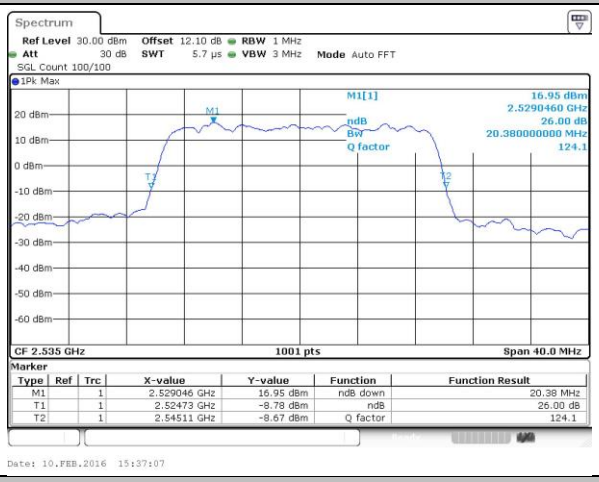
Lowest Channel / 20MHz / QPSK



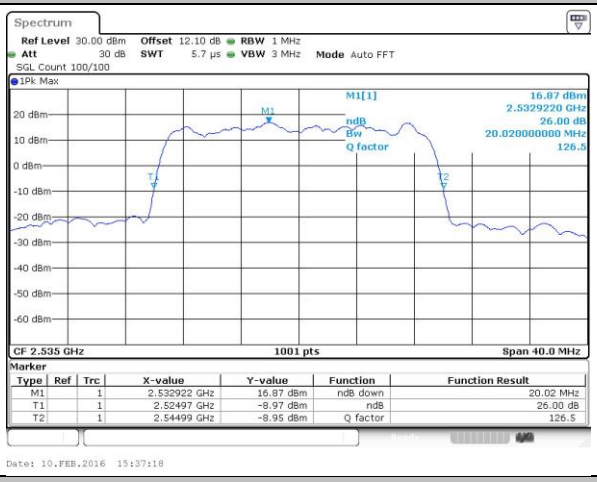
Lowest Channel / 20MHz / 16QAM



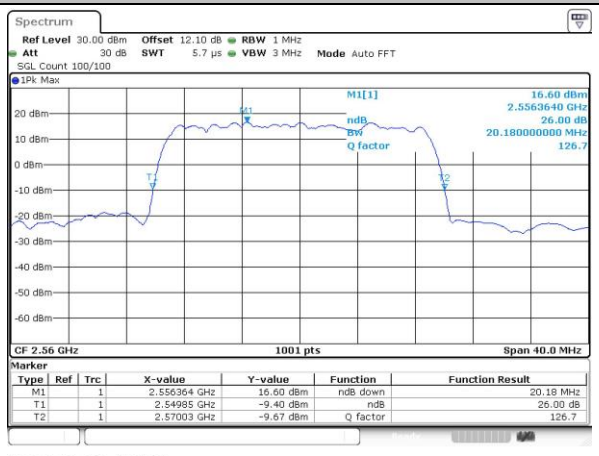
Middle Channel / 20MHz / QPSK



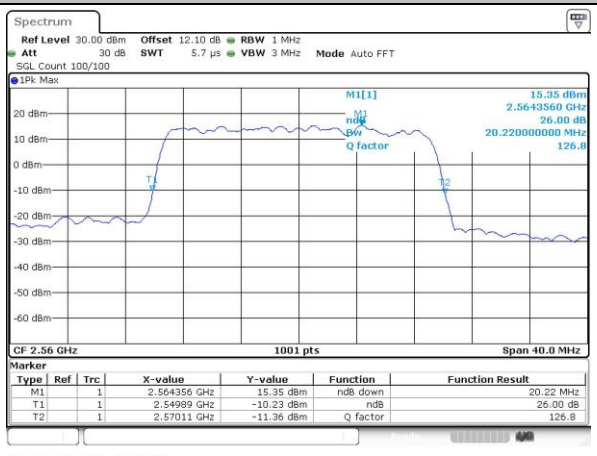
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

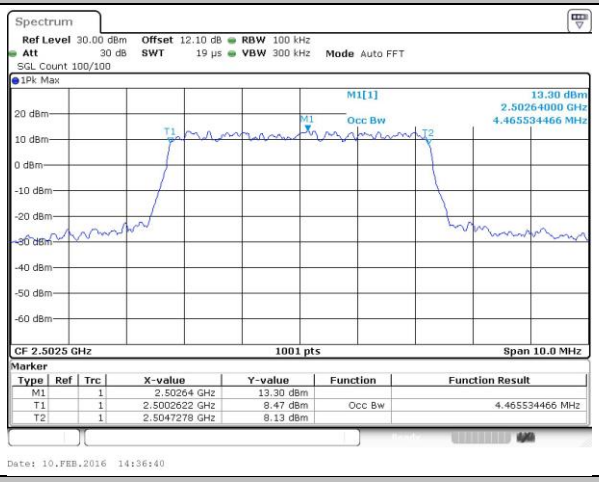


Occupied Bandwidth

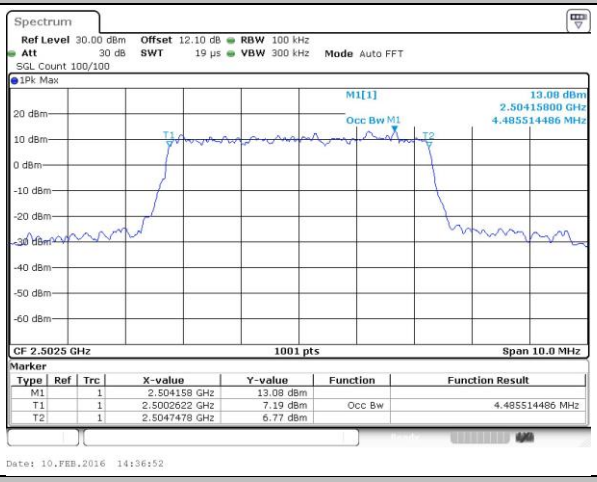
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.49	9.07	9.01	13.43	13.4	18.22	18.34
Middle CH	-	-	-	-	4.5	4.5	8.99	9.03	13.43	13.46	18.26	18.46
Highest CH	-	-	-	-	4.51	4.49	9.03	8.99	13.46	13.4	18.3	18.46

LTE Band 7

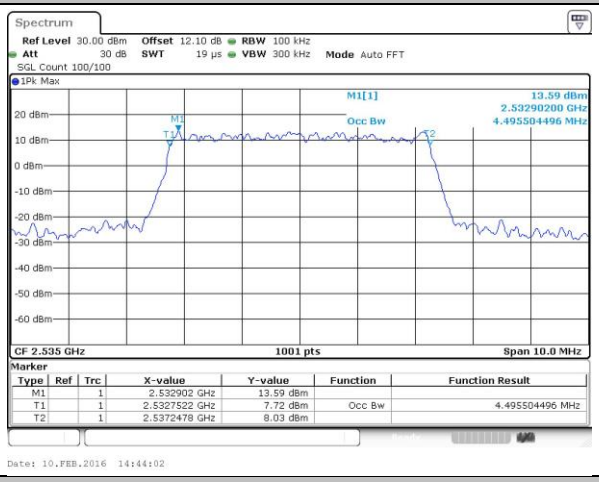
Lowest Channel / 5MHz / QPSK



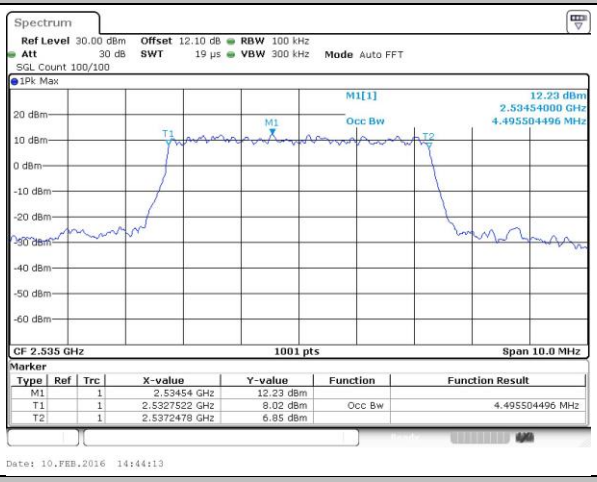
Lowest Channel / 5MHz / 16QAM



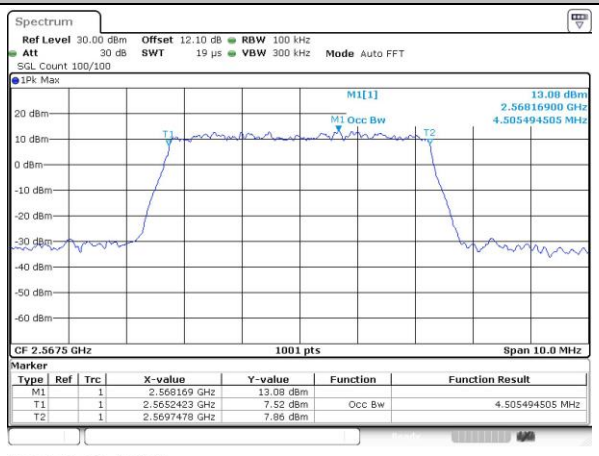
Middle Channel / 5MHz / QPSK



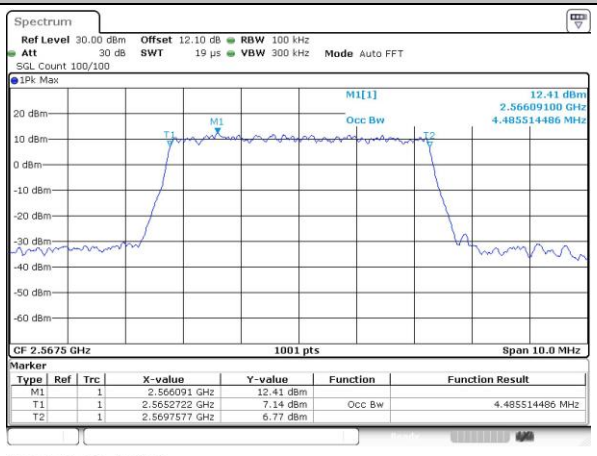
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

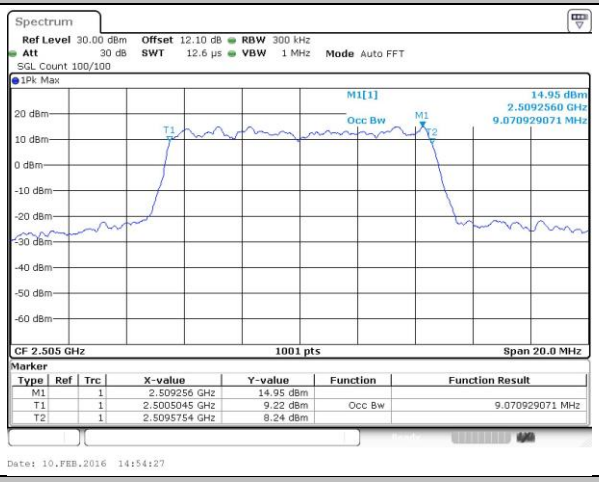


Highest Channel / 5MHz / 16QAM

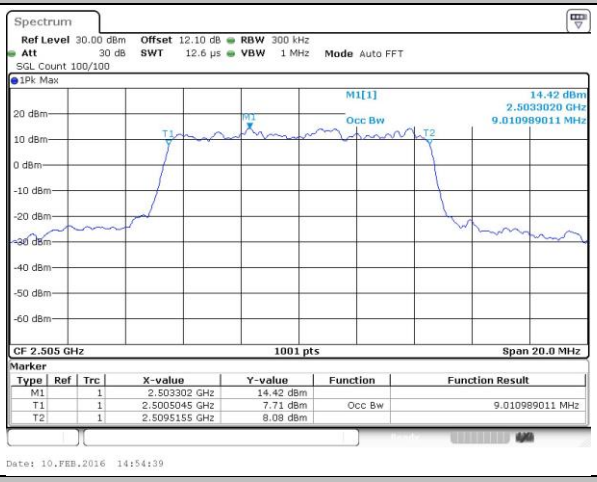


LTE Band 7

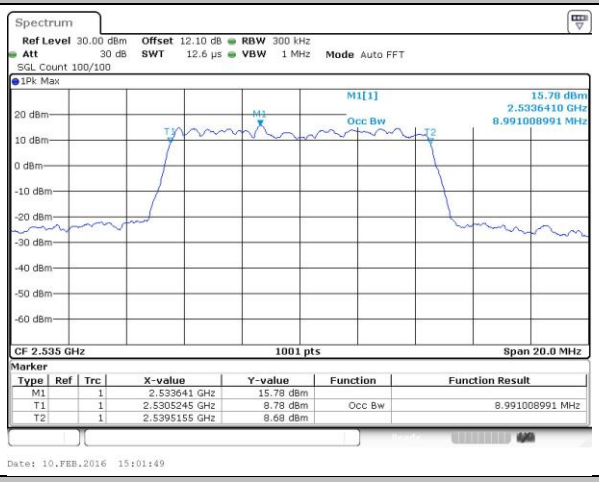
Lowest Channel / 10MHz / QPSK



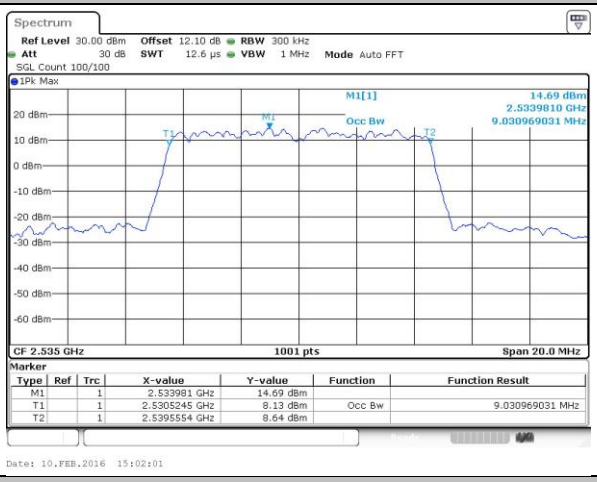
Lowest Channel / 10MHz / 16QAM



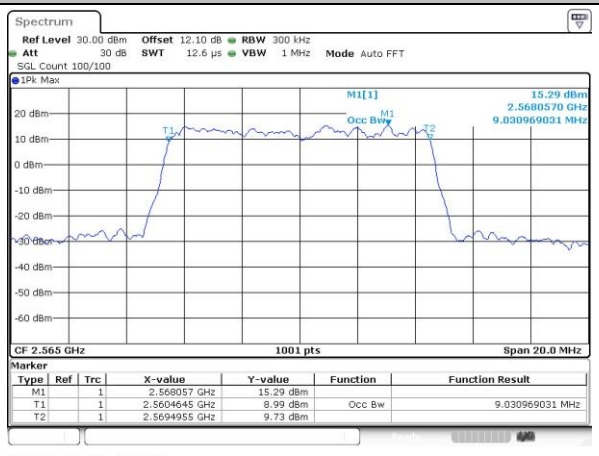
Middle Channel / 10MHz / QPSK



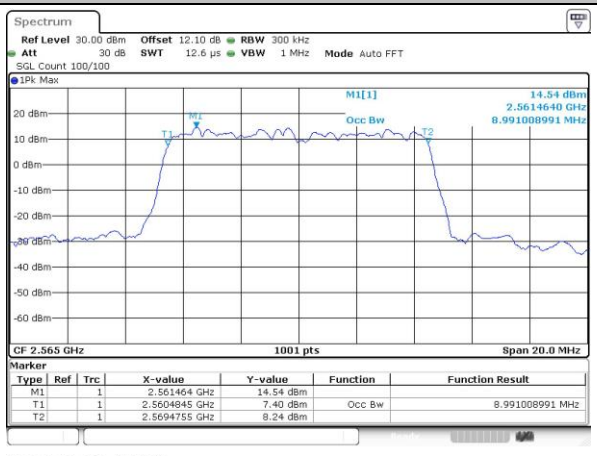
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

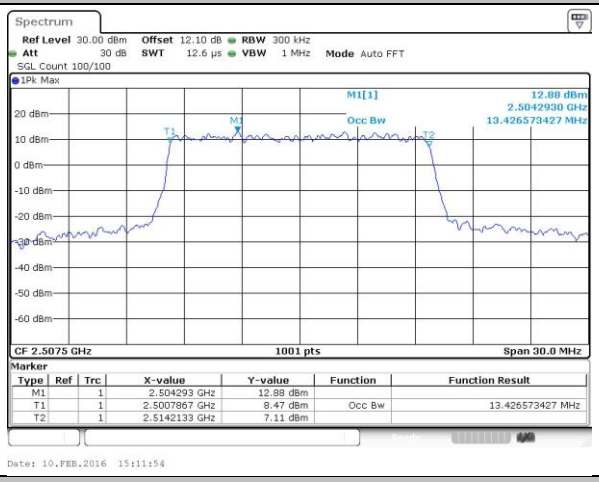


Highest Channel / 10MHz / 16QAM

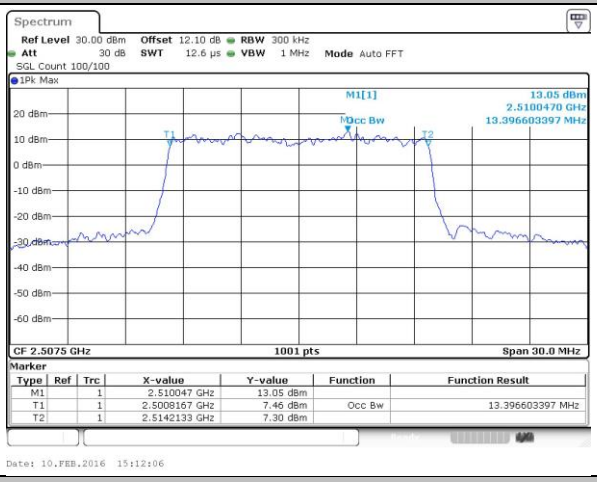


LTE Band 7

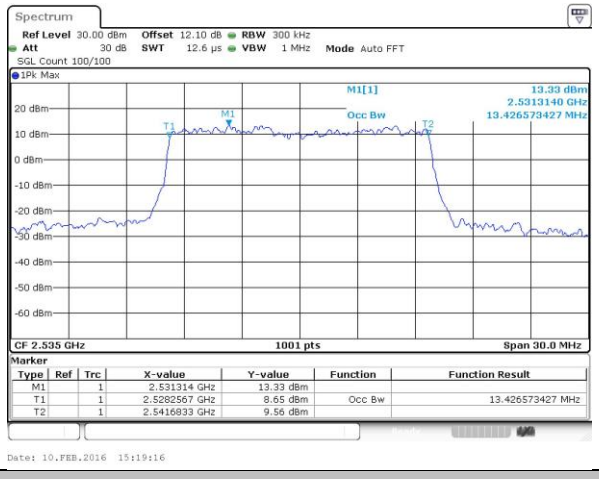
Lowest Channel / 15MHz / QPSK



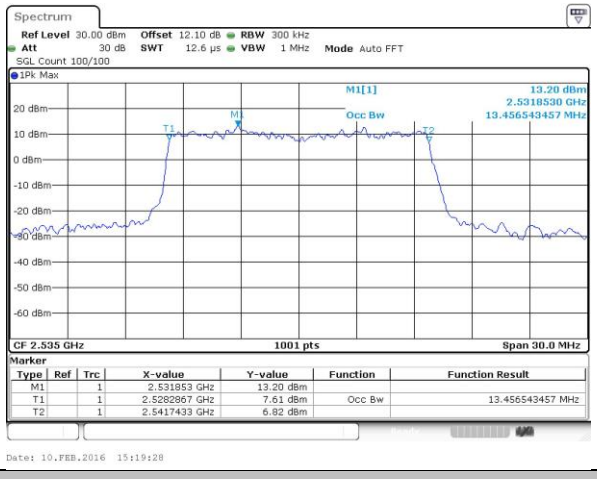
Lowest Channel / 15MHz / 16QAM



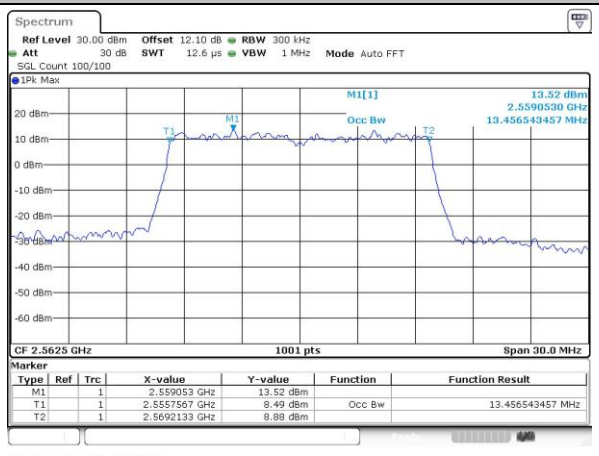
Middle Channel / 15MHz / QPSK



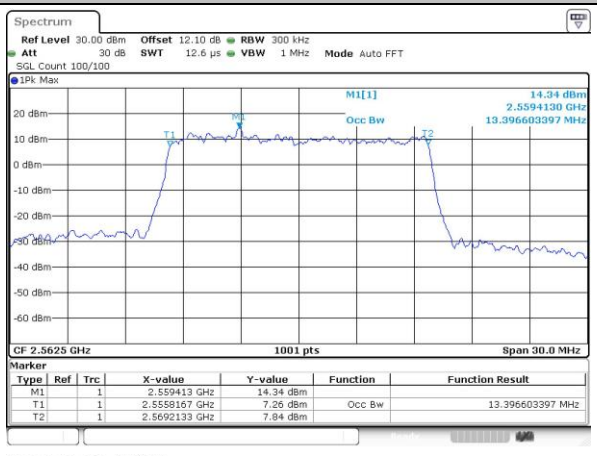
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

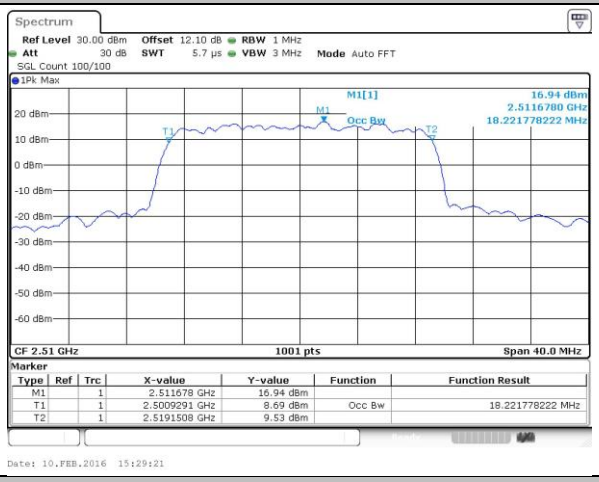


Highest Channel / 15MHz / 16QAM

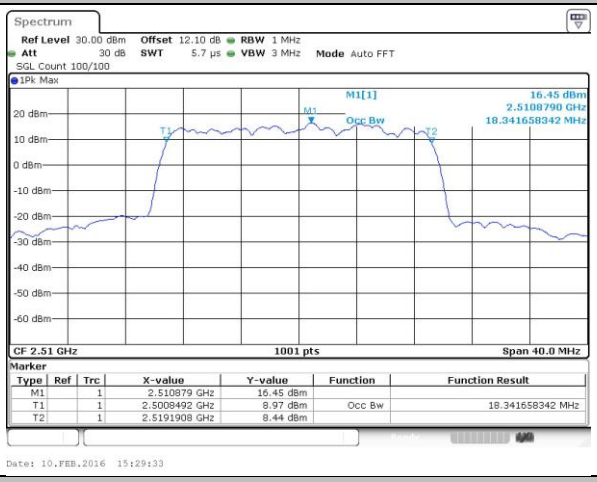


LTE Band 7

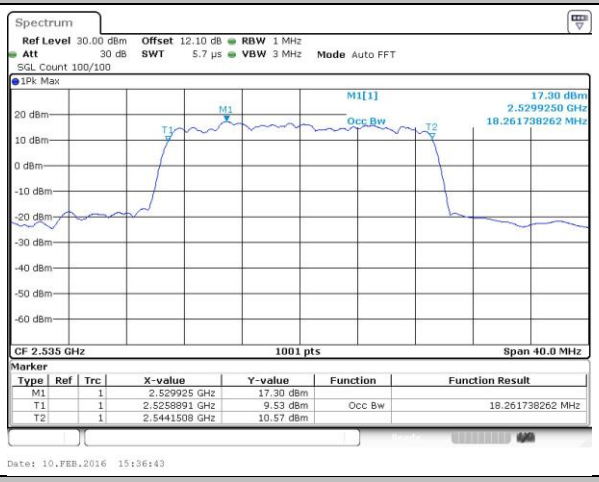
Lowest Channel / 20MHz / QPSK



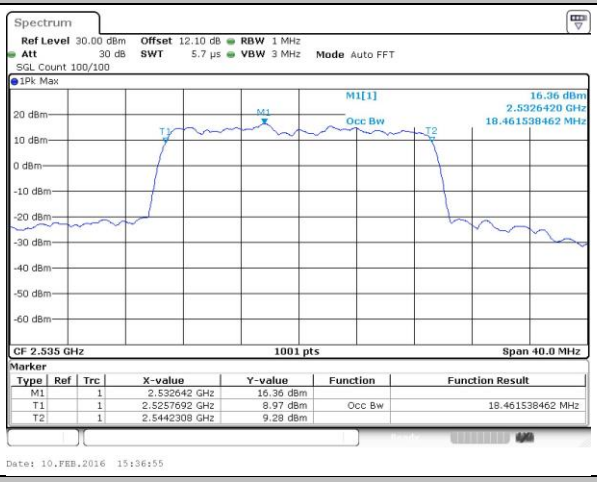
Lowest Channel / 20MHz / 16QAM



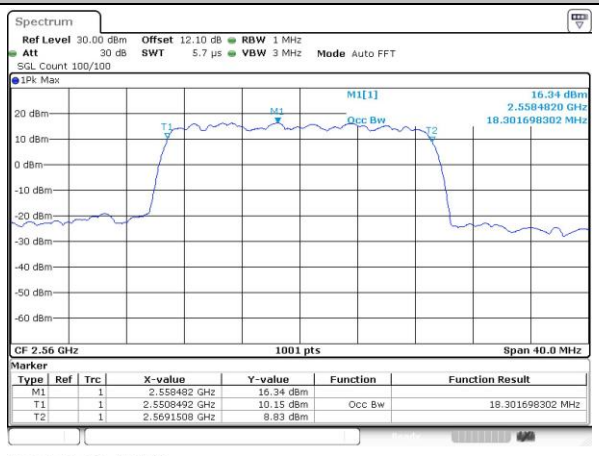
Middle Channel / 20MHz / QPSK



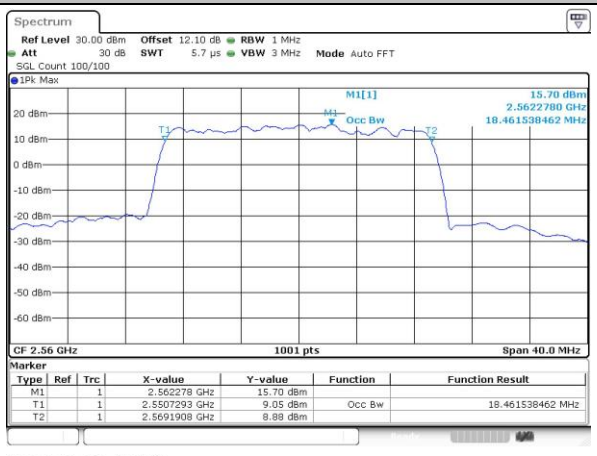
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



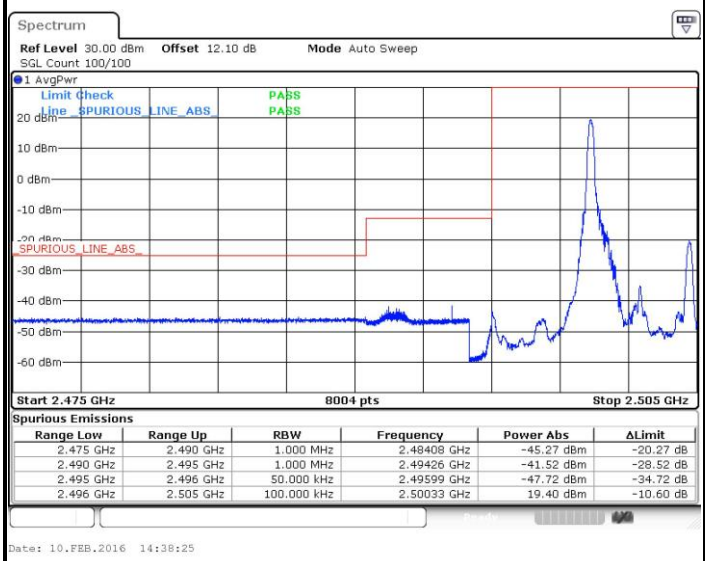
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

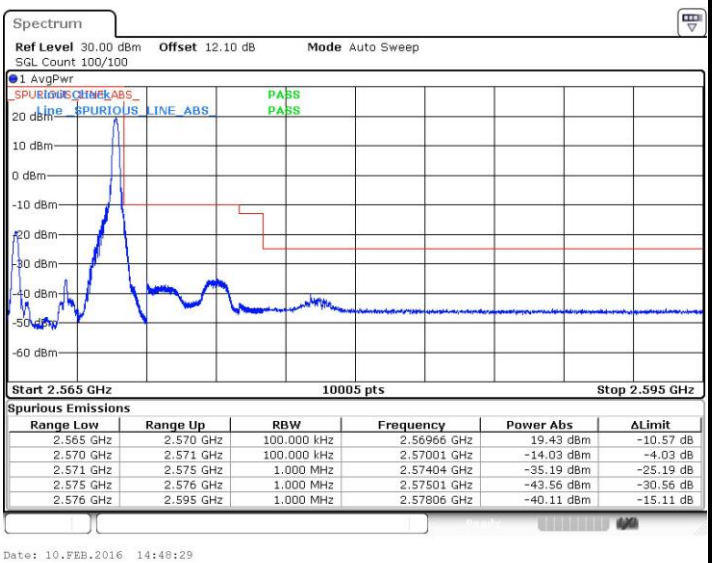


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48408 GHz	-45.27 dBm	-20.27 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49426 GHz	-41.52 dBm	-28.52 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-47.72 dBm	-34.72 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	19.40 dBm	-10.60 dB

Date: 10.FEB.2016 14:38:25

Highest Band Edge / 1 RB

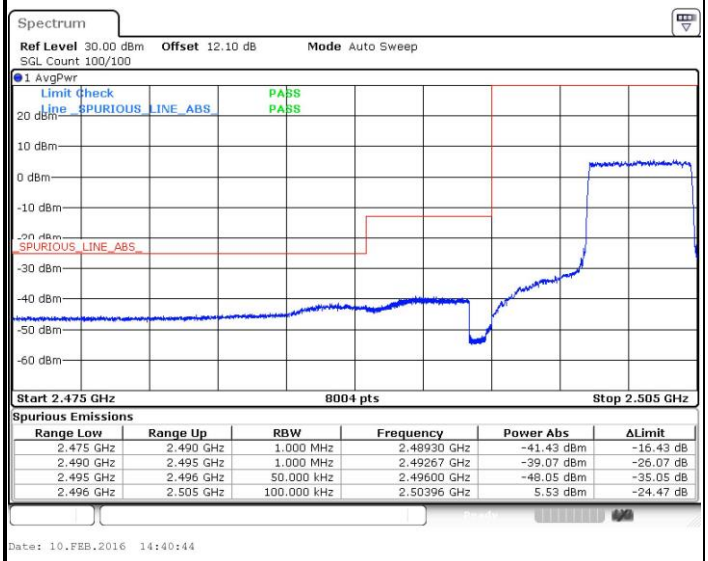


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	19.43 dBm	-10.57 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-14.03 dBm	-4.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57404 GHz	-35.19 dBm	-25.19 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-43.56 dBm	-30.56 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57806 GHz	-40.11 dBm	-15.11 dB

Date: 10.FEB.2016 14:48:29

Lowest Band Edge / Full RB

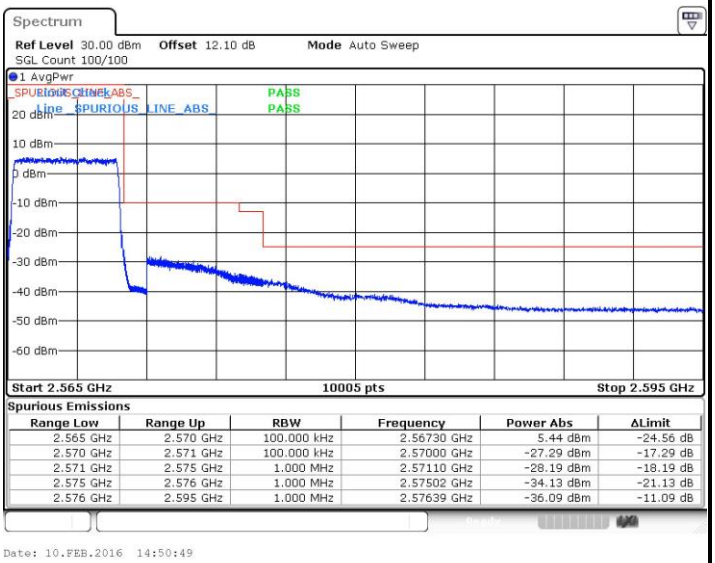


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48930 GHz	-41.43 dBm	-16.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49267 GHz	-39.07 dBm	-26.07 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-48.05 dBm	-35.05 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50396 GHz	5.53 dBm	-24.47 dB

Date: 10.FEB.2016 14:40:44

Highest Band Edge / Full RB



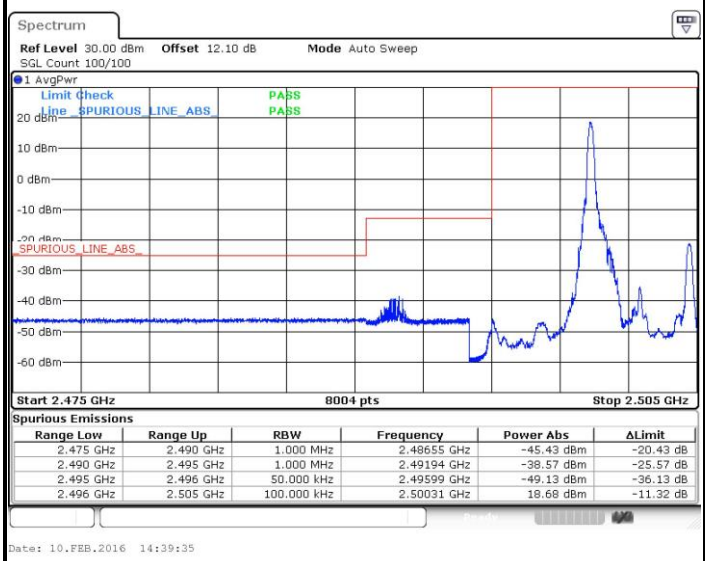
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56730 GHz	5.44 dBm	-24.56 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-27.29 dBm	-17.29 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-28.19 dBm	-18.19 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57502 GHz	-34.13 dBm	-21.13 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57639 GHz	-36.09 dBm	-11.09 dB

Date: 10.FEB.2016 14:50:49

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

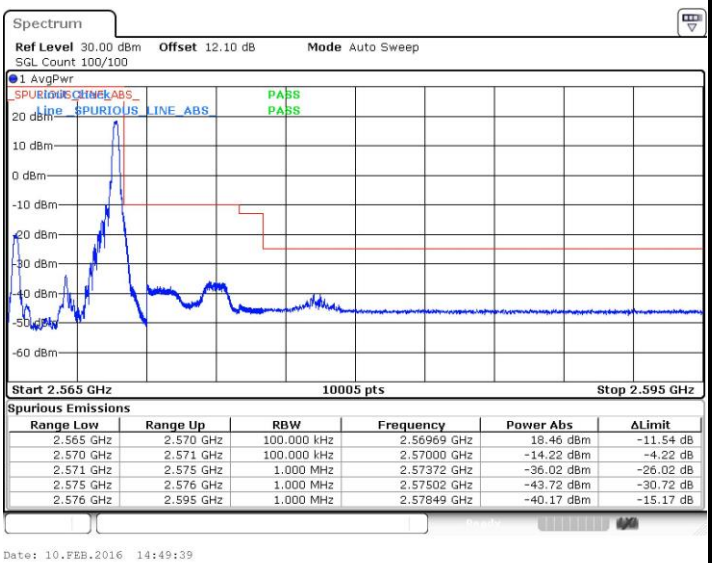


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48655 GHz	-45.43 dBm	-20.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49194 GHz	-38.57 dBm	-25.57 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-49.13 dBm	-36.13 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50031 GHz	18.68 dBm	-11.32 dB

Date: 10.FEB.2016 14:39:35

Highest Band Edge / 1 RB

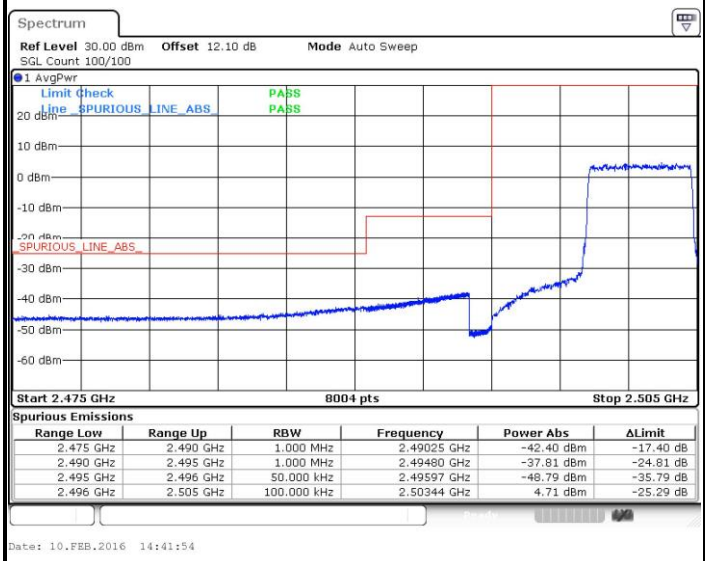


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56969 GHz	18.46 dBm	-11.54 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-14.22 dBm	-4.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57372 GHz	-36.02 dBm	-26.02 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57502 GHz	-43.72 dBm	-30.72 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57849 GHz	-40.17 dBm	-15.17 dB

Date: 10.FEB.2016 14:49:39

Lowest Band Edge / Full RB

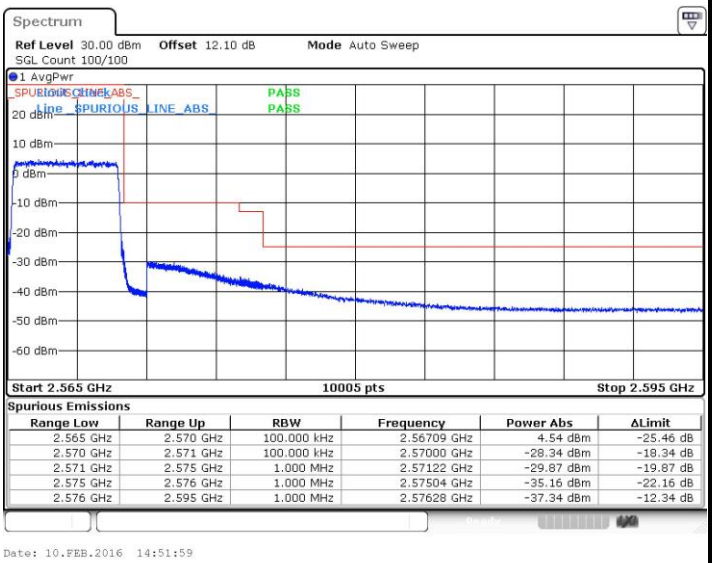


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49025 GHz	-42.40 dBm	-17.40 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49480 GHz	-37.81 dBm	-24.81 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49597 GHz	-48.79 dBm	-35.79 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50344 GHz	4.71 dBm	-25.29 dB

Date: 10.FEB.2016 14:41:54

Highest Band Edge / Full RB



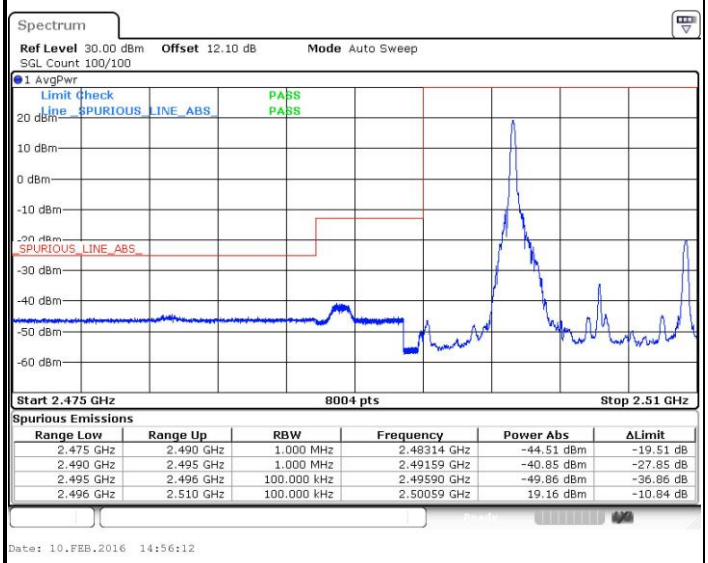
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56709 GHz	4.54 dBm	-25.46 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-28.34 dBm	-18.34 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57122 GHz	-29.87 dBm	-19.87 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-35.16 dBm	-22.16 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57628 GHz	-37.34 dBm	-12.34 dB

Date: 10.FEB.2016 14:51:59

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

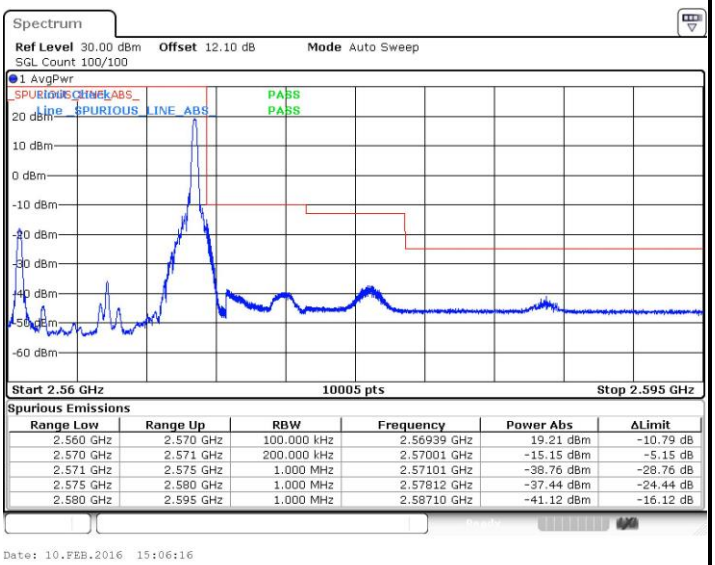


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48314 GHz	-44.51 dBm	-19.51 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49159 GHz	-40.85 dBm	-27.85 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49590 GHz	-49.86 dBm	-36.86 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	19.16 dBm	-10.84 dB

Date: 10.FEB.2016 14:56:12

Highest Band Edge / 1 RB

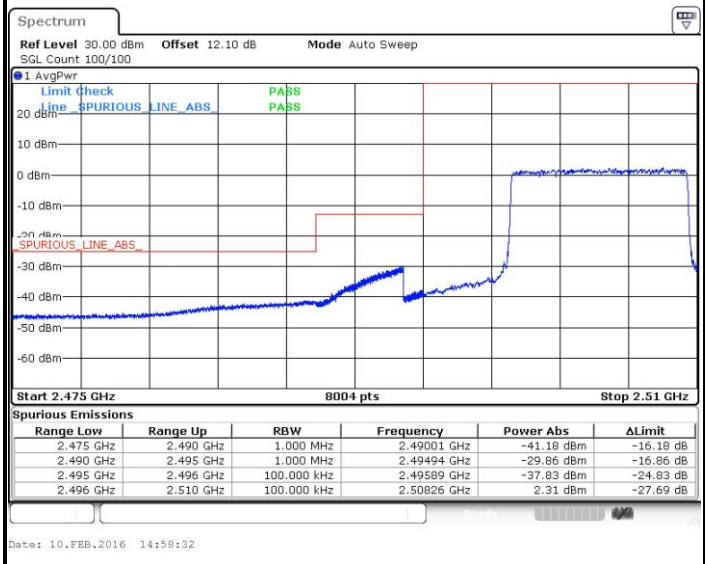


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	19.21 dBm	-10.79 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-15.15 dBm	-5.15 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-38.76 dBm	-28.76 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57812 GHz	-37.44 dBm	-24.44 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58710 GHz	-41.12 dBm	-16.12 dB

Date: 10.FEB.2016 15:06:16

Lowest Band Edge / Full RB

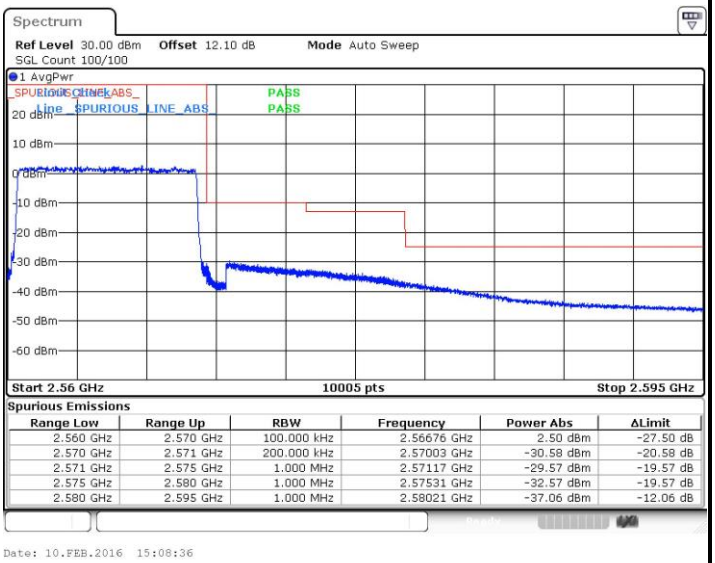


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49001 GHz	-41.18 dBm	-16.18 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-29.86 dBm	-16.86 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49589 GHz	-37.83 dBm	-24.83 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50826 GHz	2.31 dBm	-27.69 dB

Date: 10.FEB.2016 14:58:32

Highest Band Edge / Full RB



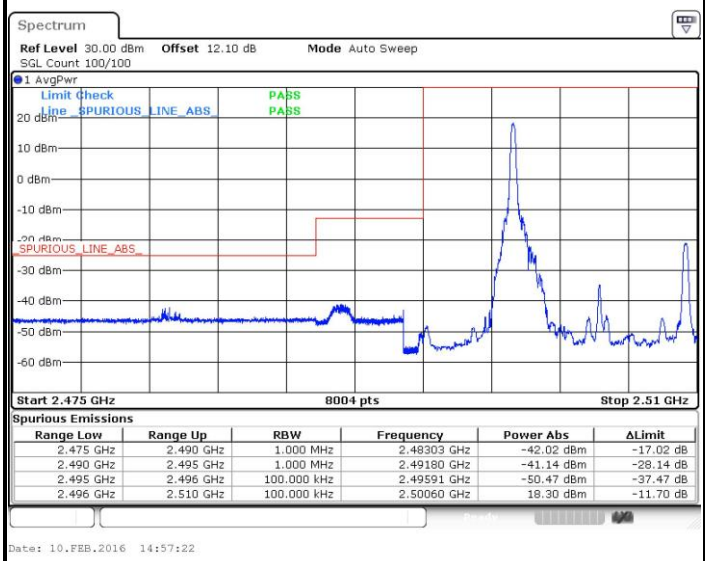
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56676 GHz	2.50 dBm	-27.50 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-30.58 dBm	-20.58 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-29.57 dBm	-19.57 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57531 GHz	-32.57 dBm	-19.57 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58021 GHz	-37.06 dBm	-12.06 dB

Date: 10.FEB.2016 15:08:36

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

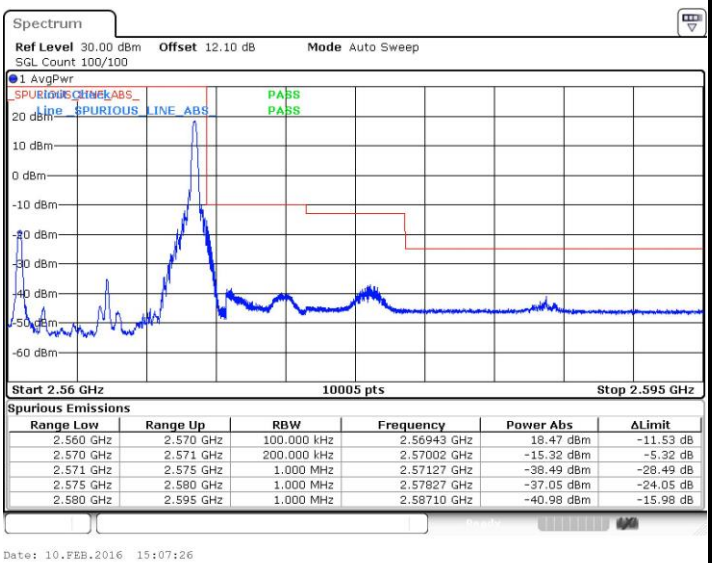


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48303 GHz	-42.02 dBm	-17.02 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49180 GHz	-41.14 dBm	-28.14 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49591 GHz	-50.47 dBm	-37.47 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	18.30 dBm	-11.70 dB

Date: 10.FEB.2016 14:57:22

Highest Band Edge / 1 RB

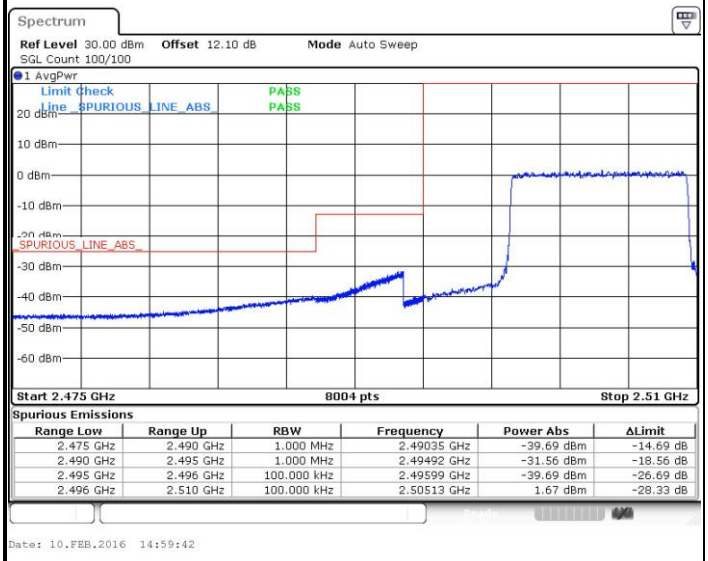


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	18.47 dBm	-11.53 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-15.32 dBm	-5.32 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-38.49 dBm	-28.49 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57827 GHz	-37.05 dBm	-24.05 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58710 GHz	-40.98 dBm	-15.98 dB

Date: 10.FEB.2016 15:07:26

Lowest Band Edge / Full RB

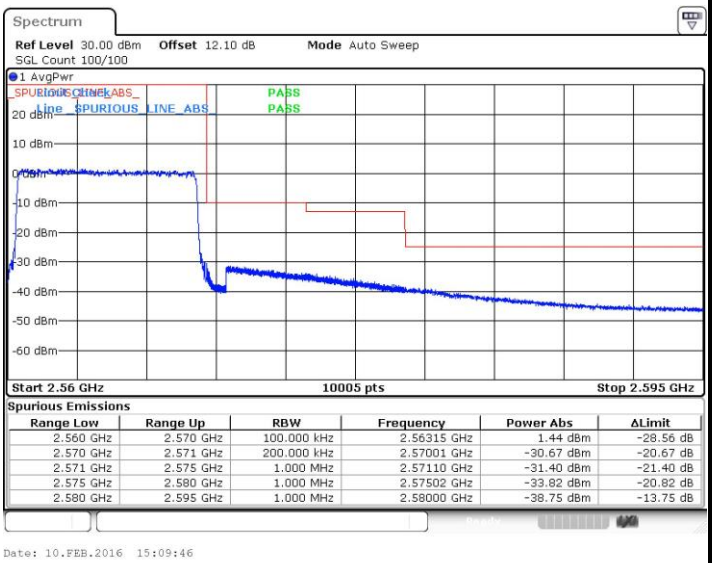


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49035 GHz	-39.69 dBm	-14.69 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-31.56 dBm	-18.56 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-39.69 dBm	-26.69 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50513 GHz	1.67 dBm	-28.33 dB

Date: 10.FEB.2016 14:59:42

Highest Band Edge / Full RB



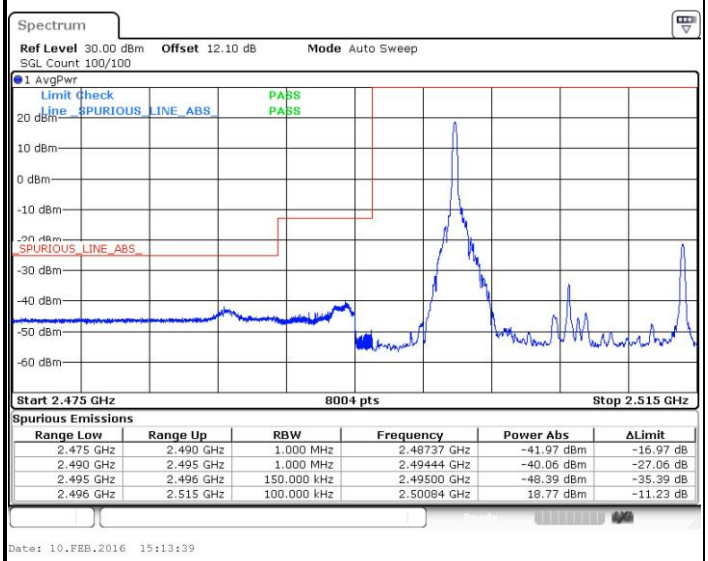
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56315 GHz	1.44 dBm	-28.56 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-30.67 dBm	-20.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-31.40 dBm	-21.40 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57502 GHz	-33.82 dBm	-20.82 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58000 GHz	-38.75 dBm	-13.75 dB

Date: 10.FEB.2016 15:09:46

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

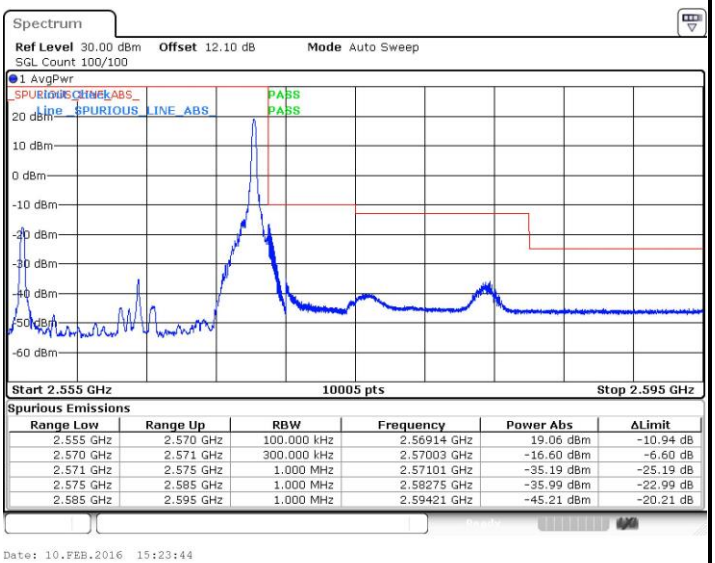


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48737 GHz	-41.97 dBm	-16.97 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49444 GHz	-40.06 dBm	-27.06 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49500 GHz	-48.39 dBm	-35.39 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	18.77 dBm	-11.23 dB

Date: 10.FEB.2016 15:13:39

Highest Band Edge / 1 RB

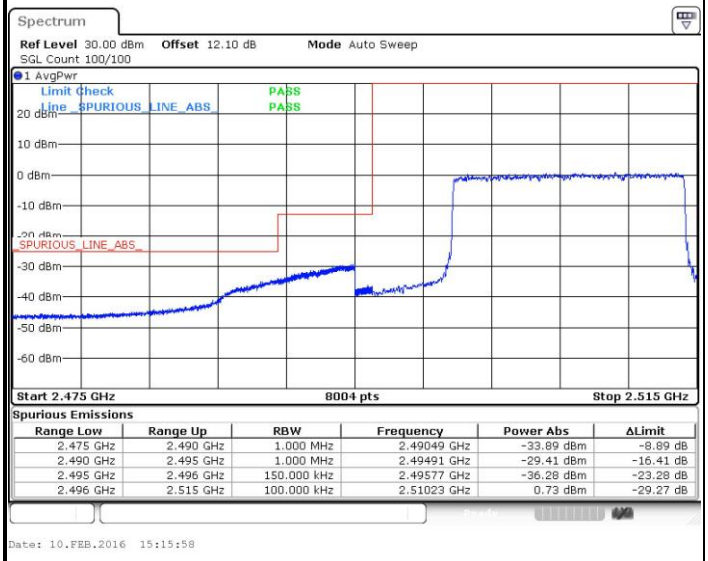


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	19.06 dBm	-10.94 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-16.60 dBm	-6.60 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-35.19 dBm	-25.19 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58275 GHz	-35.99 dBm	-22.99 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59421 GHz	-45.21 dBm	-20.21 dB

Date: 10.FEB.2016 15:23:44

Lowest Band Edge / Full RB

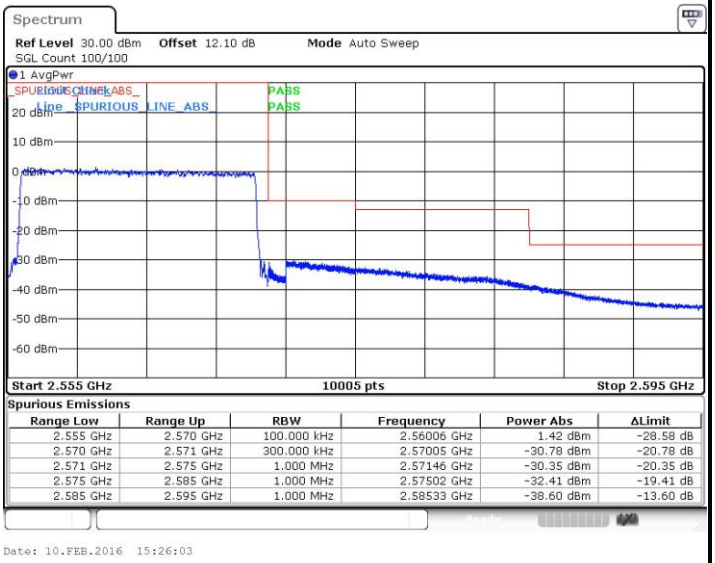


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-33.89 dBm	-8.89 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49491 GHz	-29.41 dBm	-16.41 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49577 GHz	-36.28 dBm	-23.28 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51023 GHz	0.73 dBm	-29.27 dB

Date: 10.FEB.2016 15:15:58

Highest Band Edge / Full RB



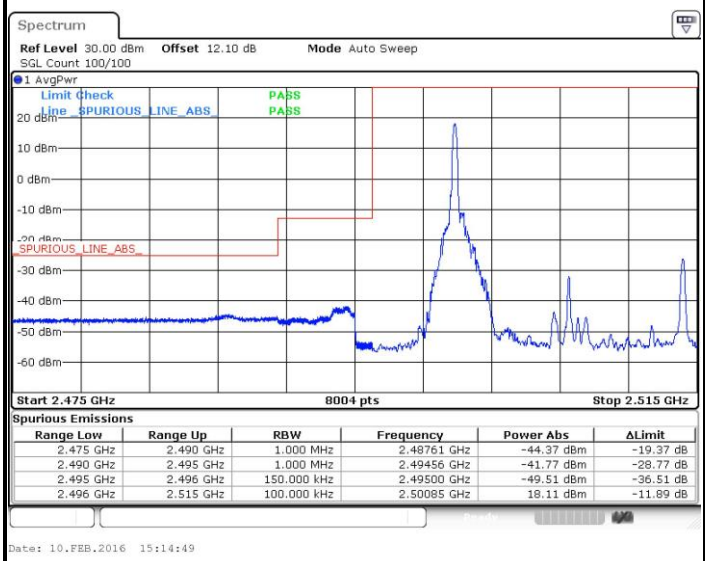
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56006 GHz	1.42 dBm	-28.58 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-30.78 dBm	-20.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57146 GHz	-30.35 dBm	-20.35 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57502 GHz	-32.41 dBm	-19.41 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58533 GHz	-38.60 dBm	-13.60 dB

Date: 10.FEB.2016 15:26:03

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

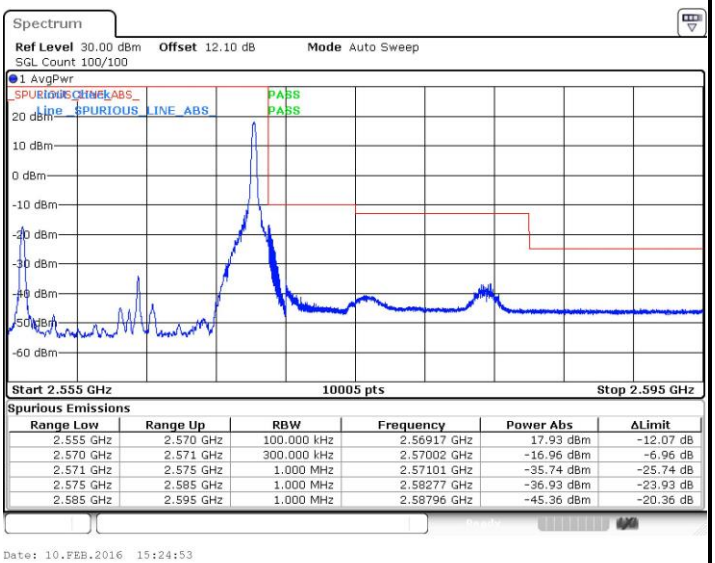


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48761 GHz	-44.37 dBm	-19.37 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49456 GHz	-41.77 dBm	-28.77 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49500 GHz	-49.51 dBm	-36.51 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	18.11 dBm	-11.89 dB

Date: 10.FEB.2016 15:14:49

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	17.93 dBm	-12.07 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-16.96 dBm	-6.96 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-35.74 dBm	-25.74 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58277 GHz	-36.93 dBm	-23.93 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58796 GHz	-45.36 dBm	-20.36 dB

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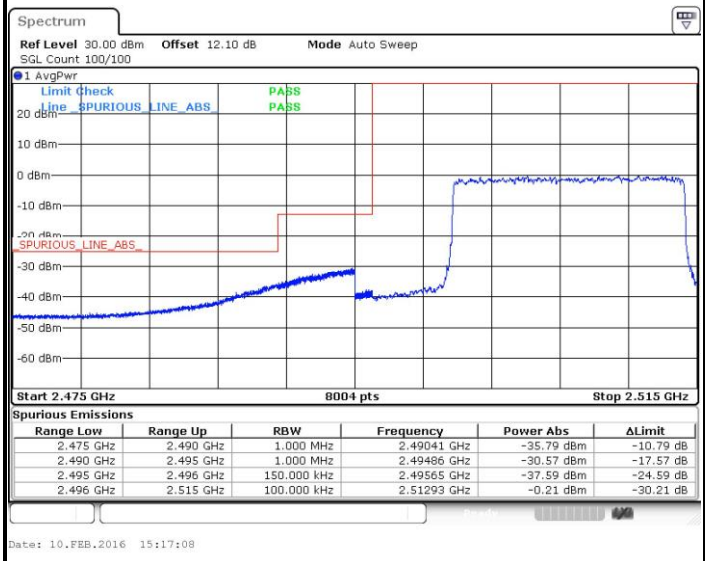
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-35.79 dBm	-10.79 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49486 GHz	-30.57 dBm	-17.57 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49565 GHz	-37.59 dBm	-24.59 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51293 GHz	-0.21 dBm	-30.21 dB

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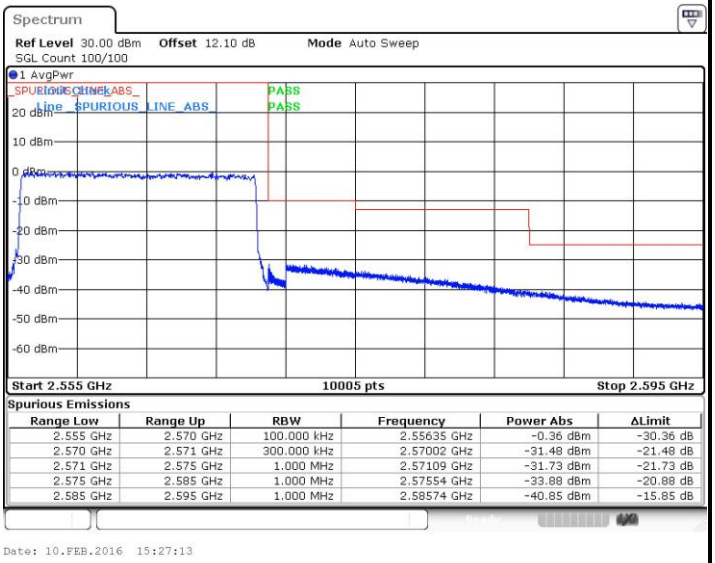
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55635 GHz	-0.36 dBm	-30.36 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-31.48 dBm	-21.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-31.73 dBm	-21.73 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57554 GHz	-33.88 dBm	-20.88 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58574 GHz	-40.85 dBm	-15.85 dB

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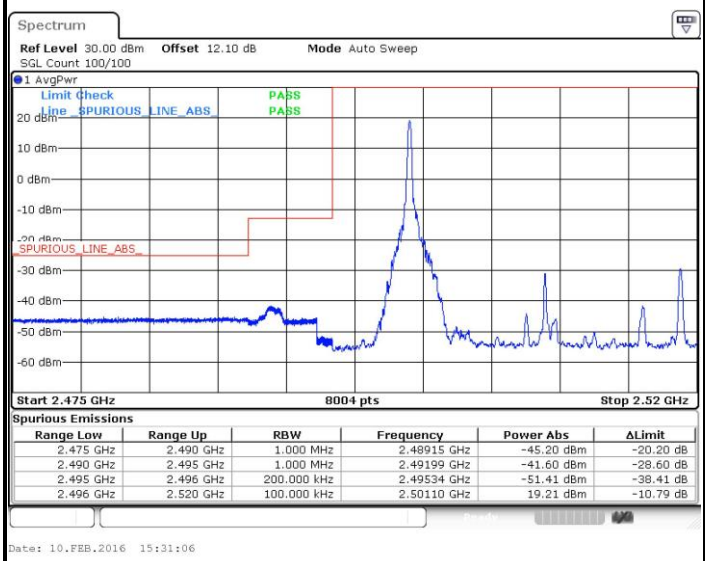
LTE Band 7 / 20MHz / QPSK

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	2.48915 GHz	-45.20 dBm	-20.20 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49199 GHz	-41.60 dBm	-28.60 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49534 GHz	-51.41 dBm	-38.41 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	19.21 dBm	-10.79 dB

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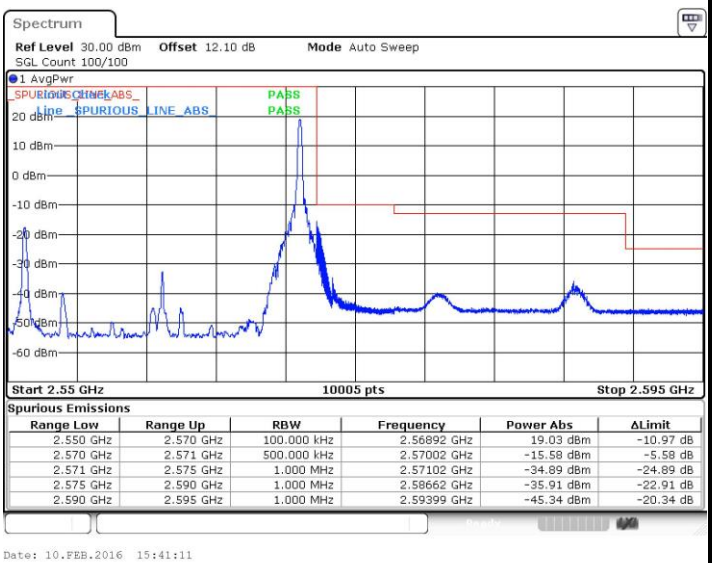
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.03 dBm	-10.97 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-15.58 dBm	-5.58 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-34.89 dBm	-24.89 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58662 GHz	-35.91 dBm	-22.91 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59399 GHz	-45.34 dBm	-20.34 dB

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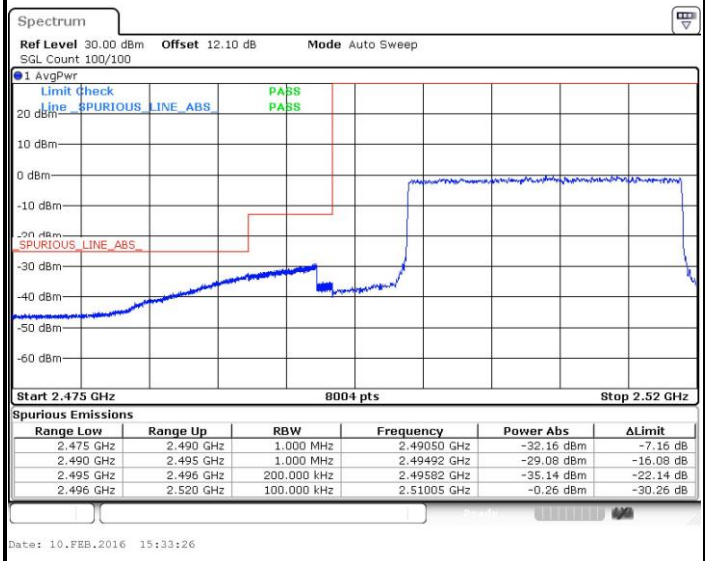
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-32.16 dBm	-7.16 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-29.08 dBm	-16.08 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49582 GHz	-35.14 dBm	-22.14 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51005 GHz	-0.26 dBm	-30.26 dB

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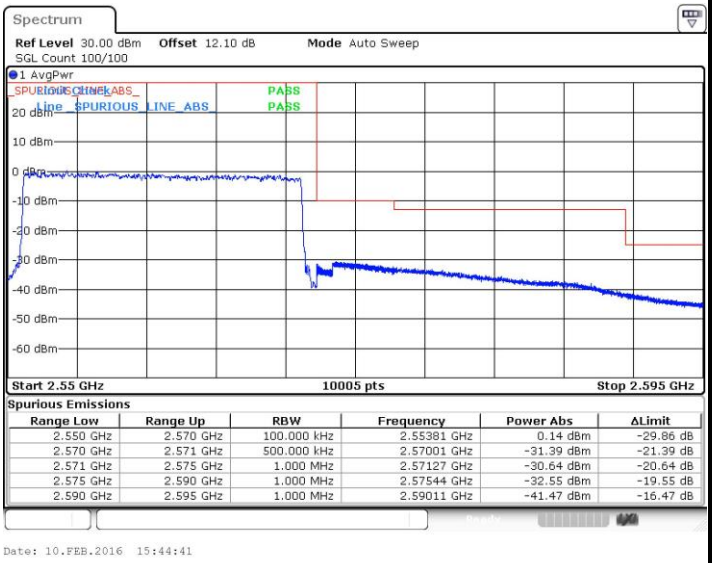
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55381 GHz	0.14 dBm	-29.86 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-31.39 dBm	-21.39 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-30.64 dBm	-20.64 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57544 GHz	-32.55 dBm	-19.55 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59011 GHz	-41.47 dBm	-16.47 dB

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