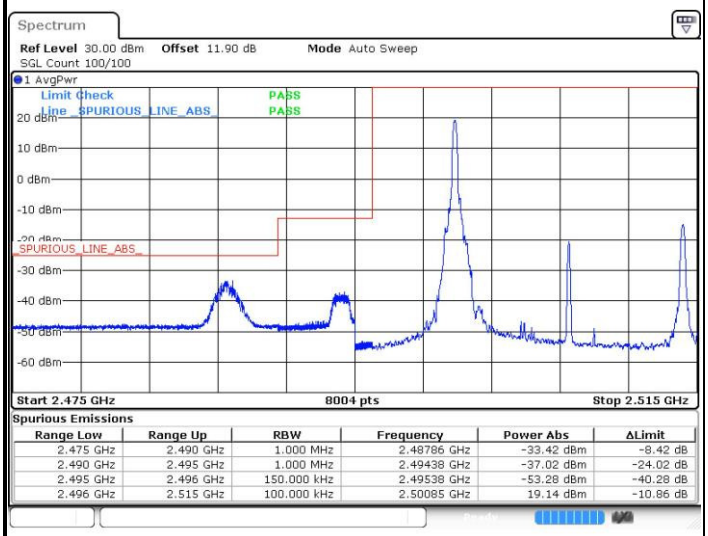
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

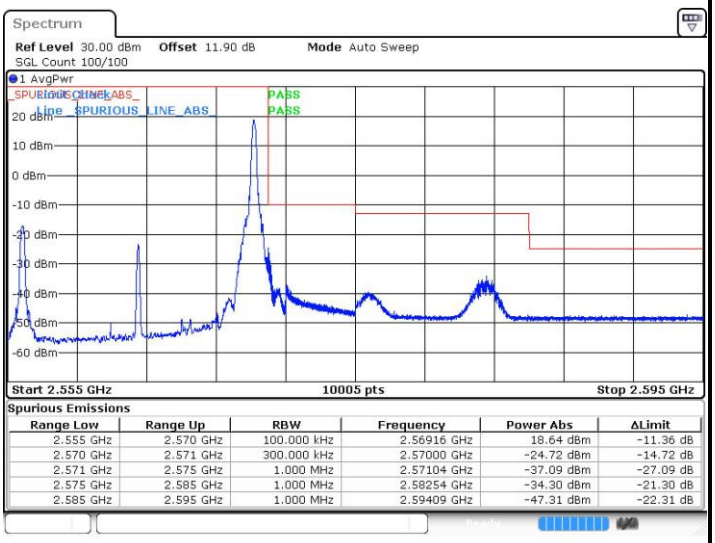


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48786 GHz	-33.42 dBm	-8.42 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49438 GHz	-37.02 dBm	-24.02 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49538 GHz	-53.28 dBm	-40.28 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	19.14 dBm	-10.86 dB

Date: 9.FEB.2016 08:07:42

Highest Band Edge / 1 RB

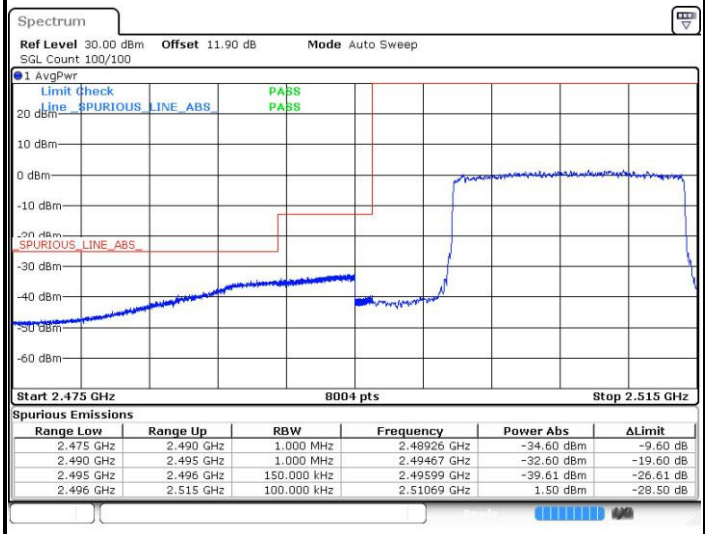


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	18.64 dBm	-11.36 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-24.72 dBm	-14.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-37.09 dBm	-27.09 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58254 GHz	-34.30 dBm	-21.30 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59409 GHz	-47.31 dBm	-22.31 dB

Date: 9.FEB.2016 08:17:21

Lowest Band Edge / Full RB

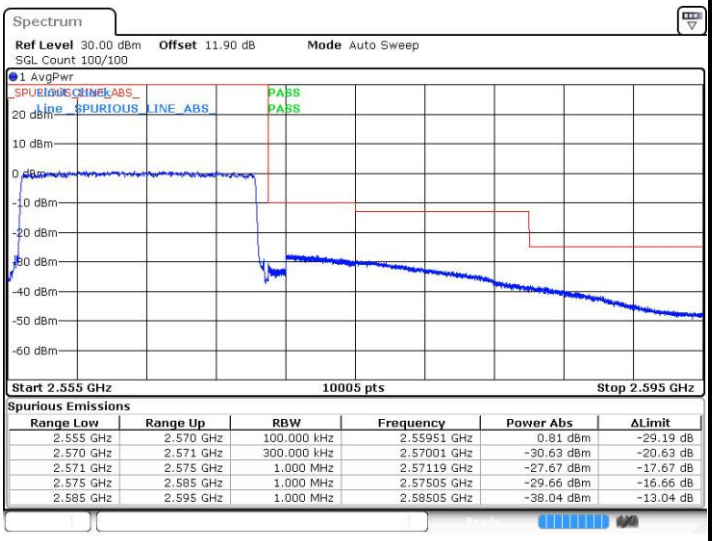


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-34.60 dBm	-9.60 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49467 GHz	-32.60 dBm	-19.60 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49599 GHz	-39.61 dBm	-26.61 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51069 GHz	1.50 dBm	-28.50 dB

Date: 9.FEB.2016 08:10:02

Highest Band Edge / Full RB



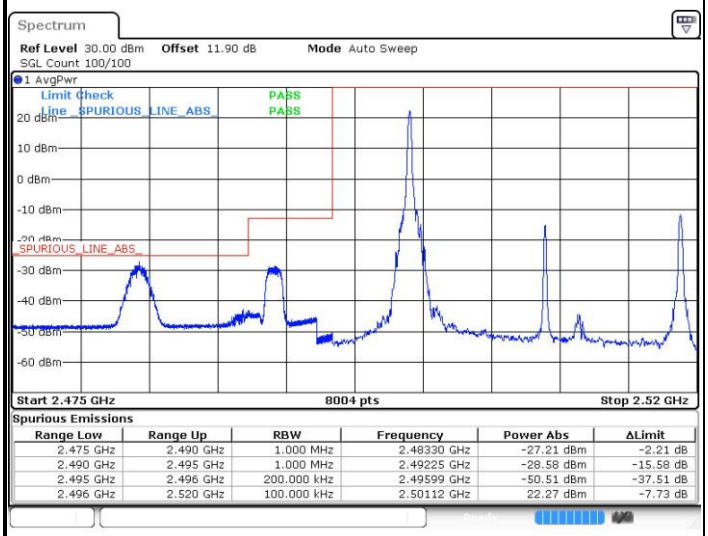
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55951 GHz	0.81 dBm	-29.19 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-30.63 dBm	-20.63 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-27.67 dBm	-17.67 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57505 GHz	-29.66 dBm	-16.66 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-38.04 dBm	-13.04 dB

Date: 9.FEB.2016 08:19:41

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

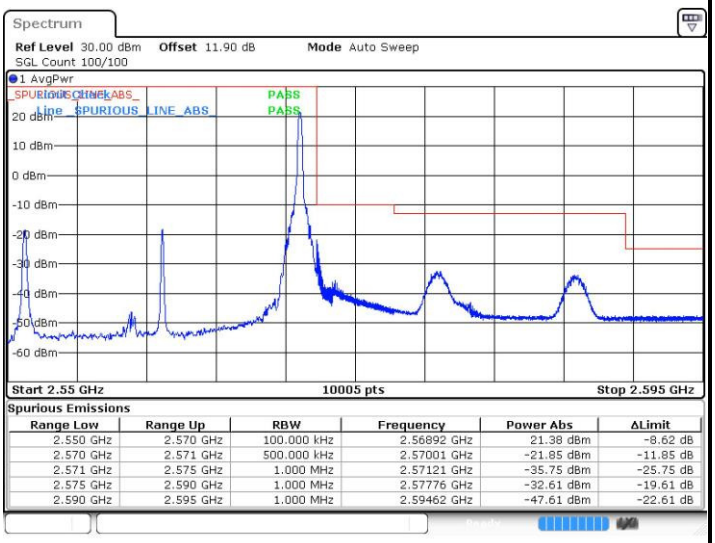


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-27.21 dBm	-2.21 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49225 GHz	-28.58 dBm	-15.58 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49599 GHz	-50.51 dBm	-37.51 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	22.27 dBm	-7.73 dB

Date: 9.FEB.2016 08:23:21

Highest Band Edge / 1 RB

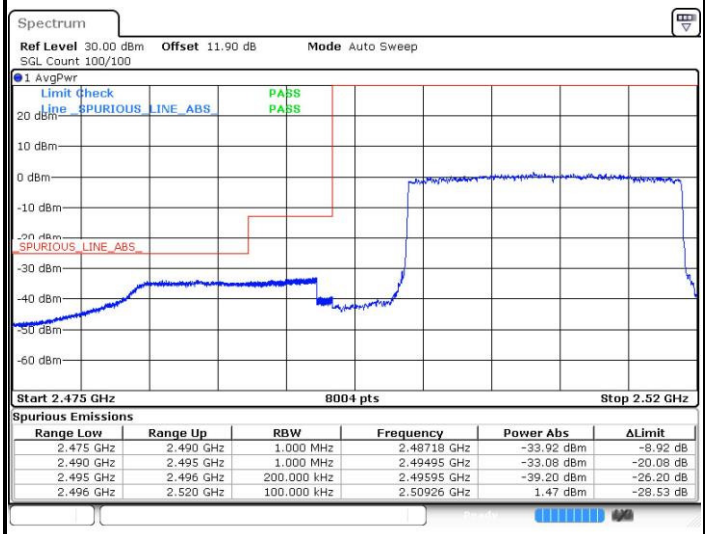


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	21.38 dBm	-8.62 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-21.85 dBm	-11.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57121 GHz	-35.75 dBm	-25.75 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57776 GHz	-32.61 dBm	-19.61 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59462 GHz	-47.61 dBm	-22.61 dB

Date: 9.FEB.2016 08:33:00

Lowest Band Edge / Full RB

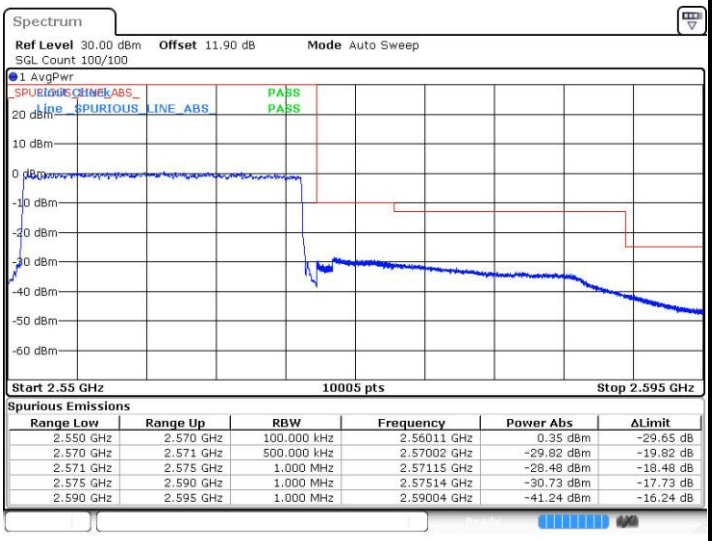


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48718 GHz	-33.92 dBm	-8.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49495 GHz	-33.08 dBm	-20.08 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49595 GHz	-39.20 dBm	-26.20 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50926 GHz	1.47 dBm	-28.53 dB

Date: 9.FEB.2016 08:25:41

Highest Band Edge / Full RB



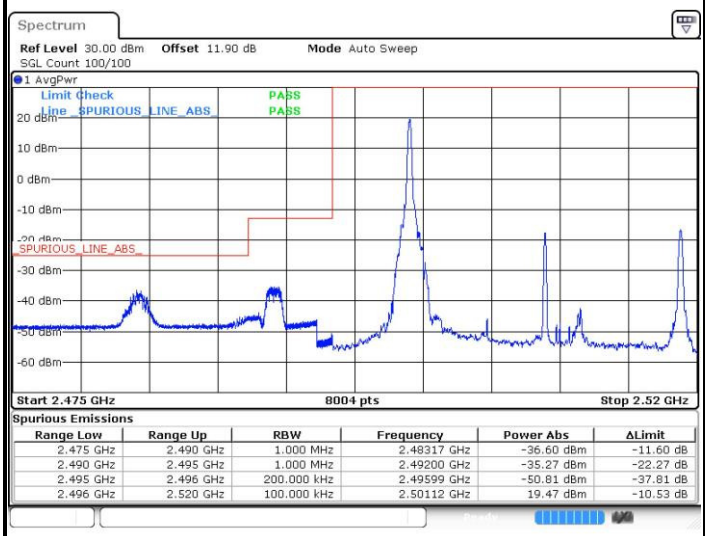
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56011 GHz	0.35 dBm	-29.65 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-29.82 dBm	-19.82 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-28.48 dBm	-18.48 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57514 GHz	-30.73 dBm	-17.73 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59004 GHz	-41.24 dBm	-16.24 dB

Date: 9.FEB.2016 08:36:30

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

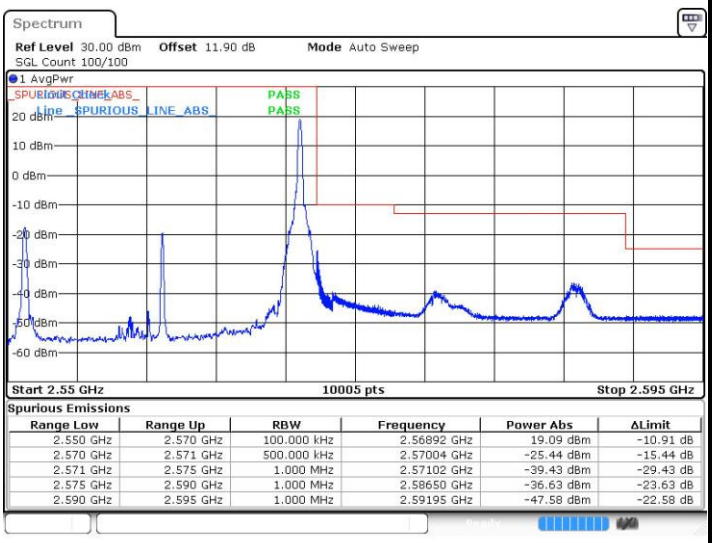


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48317 GHz	-36.60 dBm	-11.60 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49200 GHz	-35.27 dBm	-22.27 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49599 GHz	-50.81 dBm	-37.81 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	19.47 dBm	-10.53 dB

Date: 9.FEB.2016 08:24:31

Highest Band Edge / 1RB

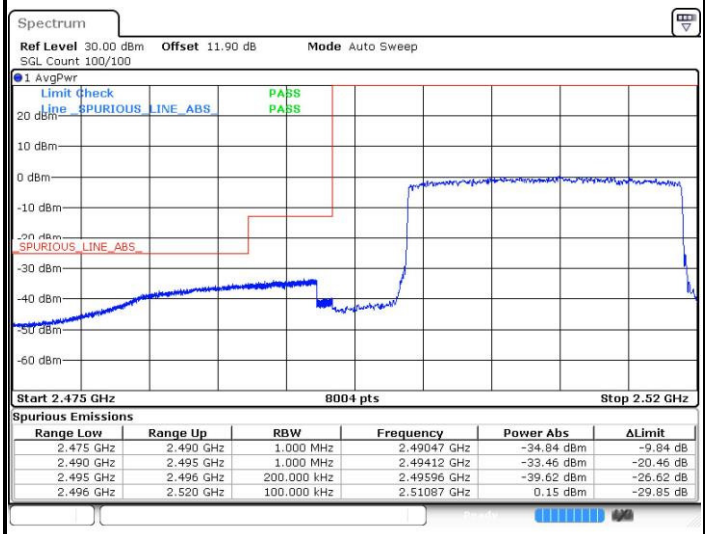


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.09 dBm	-10.91 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-25.44 dBm	-15.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-39.43 dBm	-29.43 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58650 GHz	-36.63 dBm	-23.63 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59195 GHz	-47.58 dBm	-22.58 dB

Date: 9.FEB.2016 08:34:10

Lowest Band Edge / Full RB

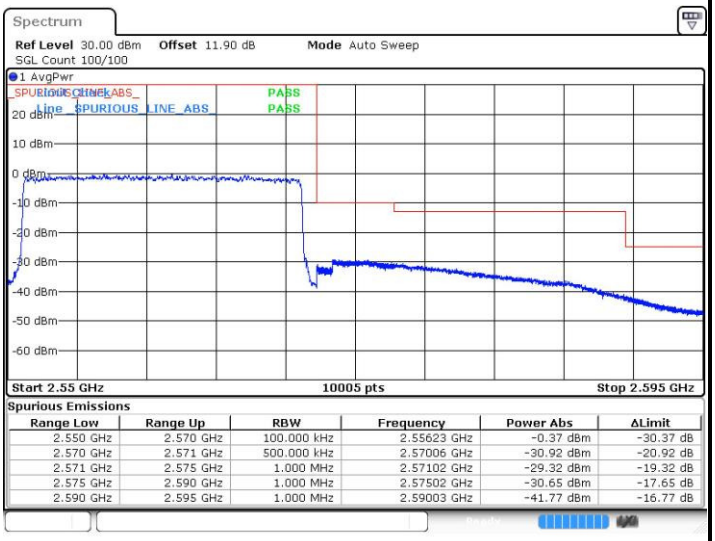


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-34.84 dBm	-9.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49412 GHz	-33.46 dBm	-20.46 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49596 GHz	-39.62 dBm	-26.62 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51087 GHz	0.15 dBm	-29.85 dB

Date: 9.FEB.2016 08:26:51

Highest Band Edge / Full RB



Spurious Emissions

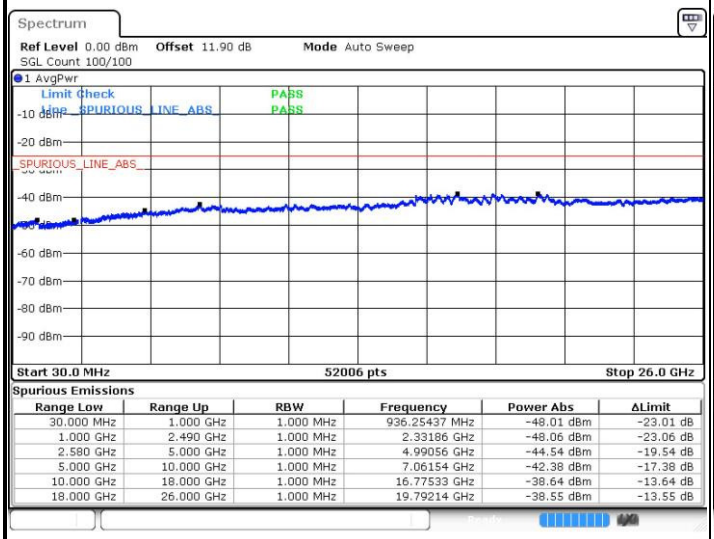
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55623 GHz	-0.37 dBm	-30.37 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57006 GHz	-30.92 dBm	-20.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-29.32 dBm	-19.32 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57502 GHz	-30.65 dBm	-17.65 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59003 GHz	-41.77 dBm	-16.77 dB

Date: 9.FEB.2016 08:35:20

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

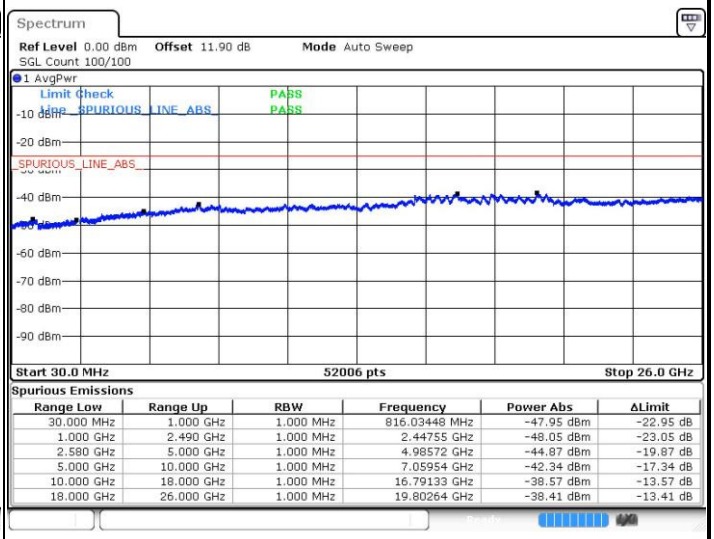


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-48.01 dBm	-23.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33186 GHz	-48.06 dBm	-23.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-44.54 dBm	-19.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06154 GHz	-42.38 dBm	-17.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77533 GHz	-38.64 dBm	-13.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-38.55 dBm	-13.55 dB

Date: 9.FEB.2016 07:37:17

Lowest Channel / 16QAM

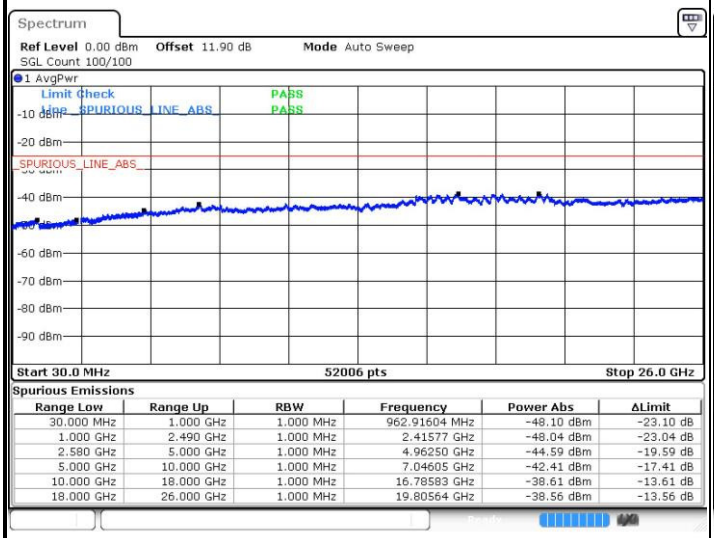


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	816.03448 MHz	-47.95 dBm	-22.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44755 GHz	-48.05 dBm	-23.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98572 GHz	-44.87 dBm	-19.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05954 GHz	-42.34 dBm	-17.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79133 GHz	-38.57 dBm	-13.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80264 GHz	-38.41 dBm	-13.41 dB

Date: 9.FEB.2016 07:38:11

Middle Channel / QPSK

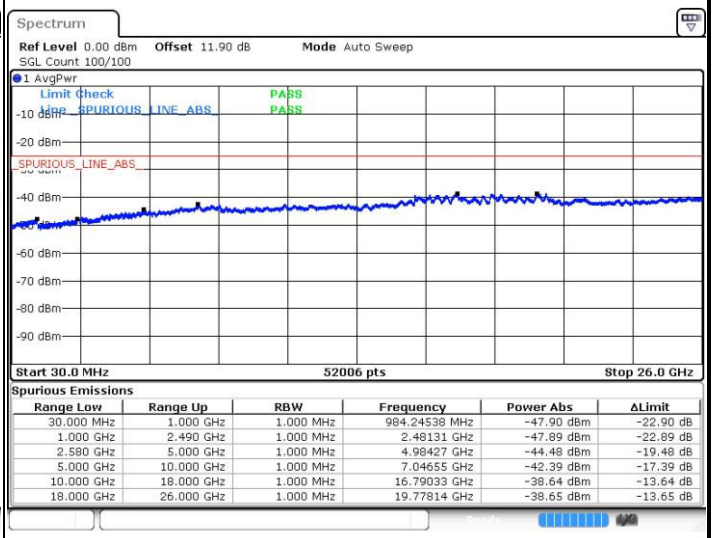


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-48.10 dBm	-23.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.41577 GHz	-48.04 dBm	-23.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96250 GHz	-44.59 dBm	-19.59 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04605 GHz	-42.41 dBm	-17.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78583 GHz	-38.61 dBm	-13.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80564 GHz	-38.56 dBm	-13.56 dB

Date: 9.FEB.2016 07:39:47

Middle Channel / 16QAM



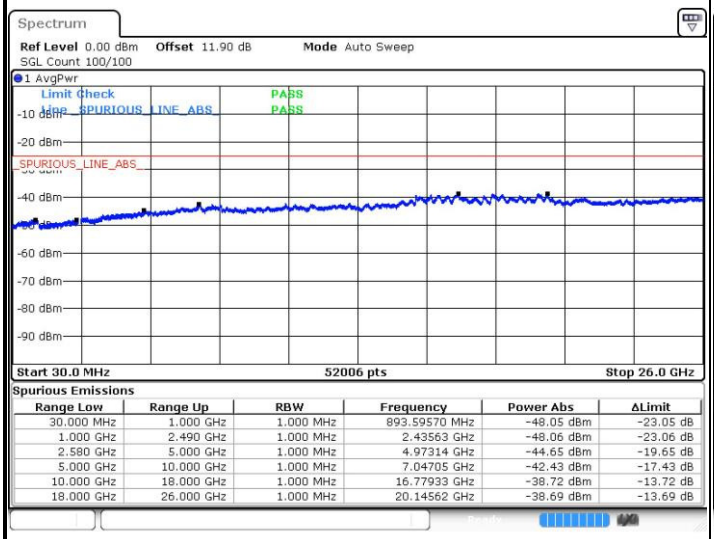
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-47.90 dBm	-22.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48131 GHz	-47.89 dBm	-22.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-44.48 dBm	-19.48 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04655 GHz	-42.39 dBm	-17.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79033 GHz	-38.64 dBm	-13.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77814 GHz	-38.65 dBm	-13.65 dB

Date: 9.FEB.2016 07:40:41

LTE Band 7 / 5MHz

Highest Channel / QPSK

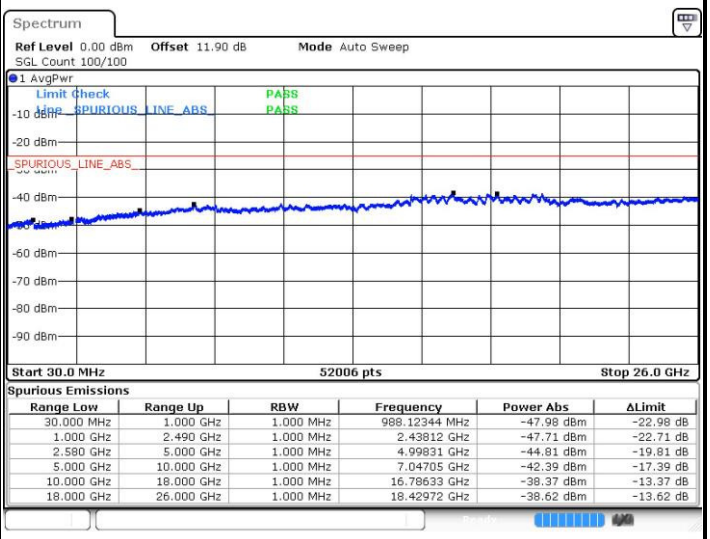


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-48.05 dBm	-23.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43563 GHz	-48.06 dBm	-23.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97314 GHz	-44.65 dBm	-19.65 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04705 GHz	-42.43 dBm	-17.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77933 GHz	-38.72 dBm	-13.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.14562 GHz	-38.69 dBm	-13.69 dB

Date: 9.FEB.2016 07:46:57

Highest Channel / 16QAM



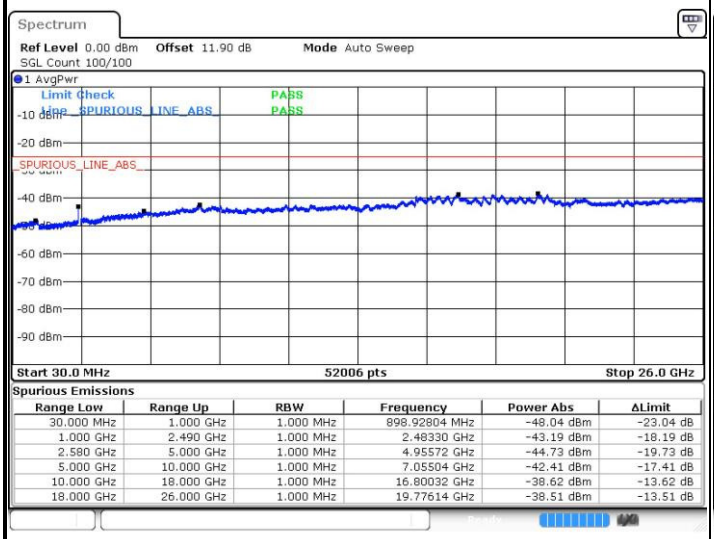
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-47.98 dBm	-22.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43812 GHz	-47.71 dBm	-22.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99831 GHz	-44.81 dBm	-19.81 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04705 GHz	-42.39 dBm	-17.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78633 GHz	-38.37 dBm	-13.37 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.42972 GHz	-38.62 dBm	-13.62 dB

Date: 9.FEB.2016 07:47:51

LTE Band 7 / 10MHz

Lowest Channel / QPSK

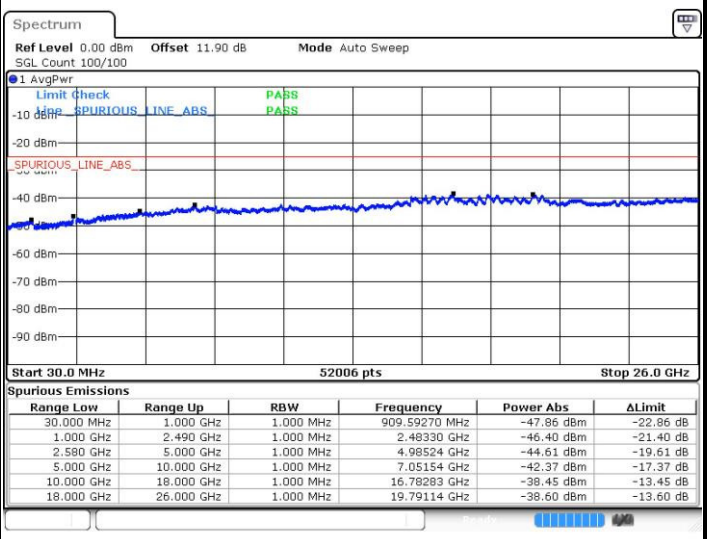


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-48.04 dBm	-23.04 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-43.19 dBm	-18.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95572 GHz	-44.73 dBm	-19.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05504 GHz	-42.41 dBm	-17.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.80032 GHz	-38.62 dBm	-13.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77614 GHz	-38.51 dBm	-13.51 dB

Date: 9.FEB.2016 07:54:06

Lowest Channel / 16QAM



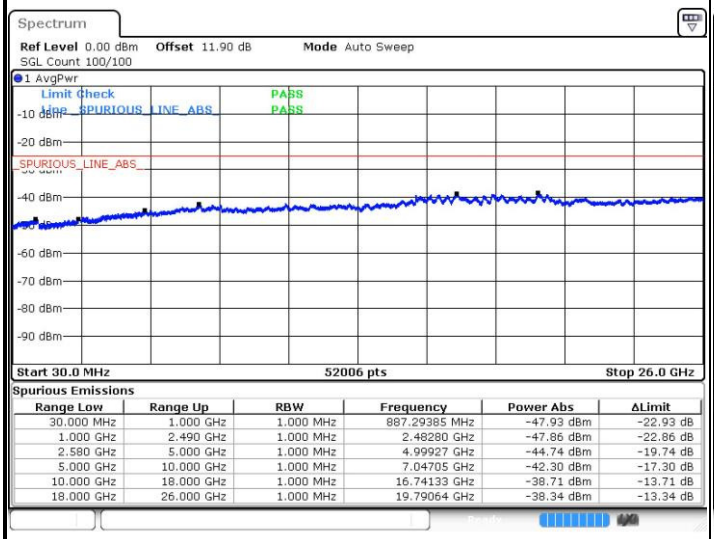
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-47.86 dBm	-22.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-46.40 dBm	-21.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-44.61 dBm	-19.61 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05154 GHz	-42.37 dBm	-17.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78283 GHz	-38.45 dBm	-13.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79114 GHz	-38.60 dBm	-13.60 dB

Date: 9.FEB.2016 07:55:00

LTE Band 7 / 10MHz

Middle Channel / QPSK

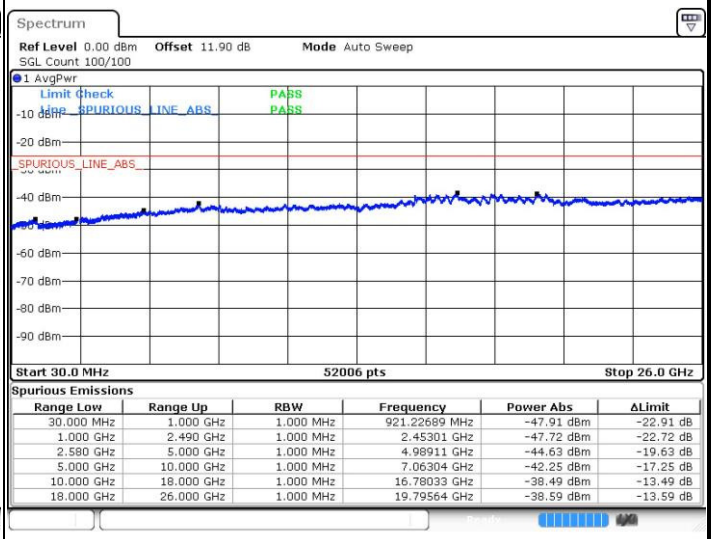


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-47.86 dBm	-22.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99927 GHz	-44.74 dBm	-19.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04705 GHz	-42.30 dBm	-17.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.74133 GHz	-38.71 dBm	-13.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-38.34 dBm	-13.34 dB

Date: 9.FEB.2016 07:56:37

Middle Channel / 16QAM

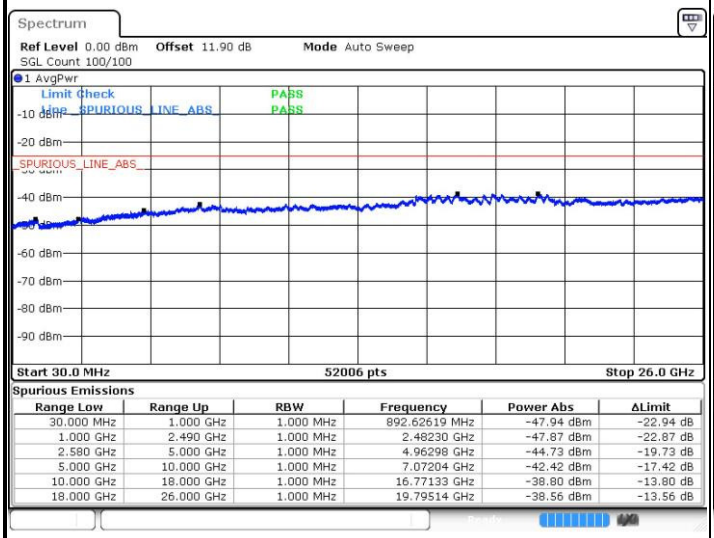


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-47.91 dBm	-22.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45301 GHz	-47.72 dBm	-22.72 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-44.63 dBm	-19.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06304 GHz	-42.25 dBm	-17.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78033 GHz	-38.49 dBm	-13.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79564 GHz	-38.59 dBm	-13.59 dB

Date: 9.FEB.2016 07:57:30

Highest Channel / QPSK

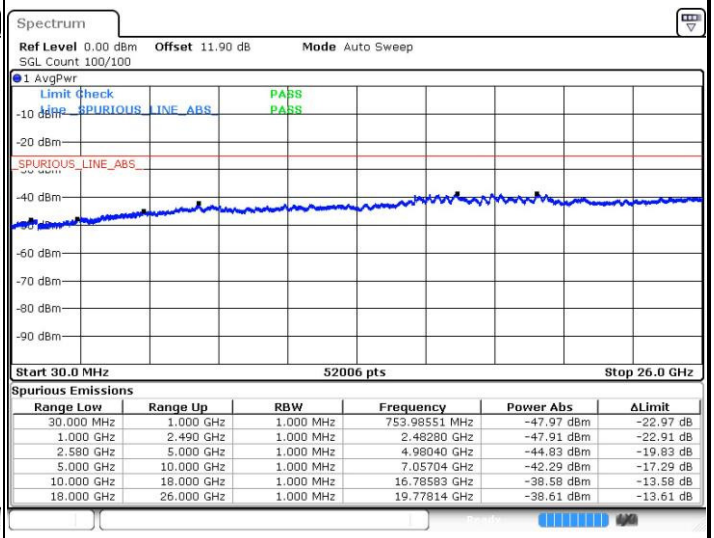


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-47.94 dBm	-22.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48230 GHz	-47.87 dBm	-22.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96298 GHz	-44.73 dBm	-19.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07204 GHz	-42.42 dBm	-17.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77133 GHz	-38.80 dBm	-13.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79514 GHz	-38.56 dBm	-13.56 dB

Date: 9.FEB.2016 08:03:46

Highest Channel / 16QAM



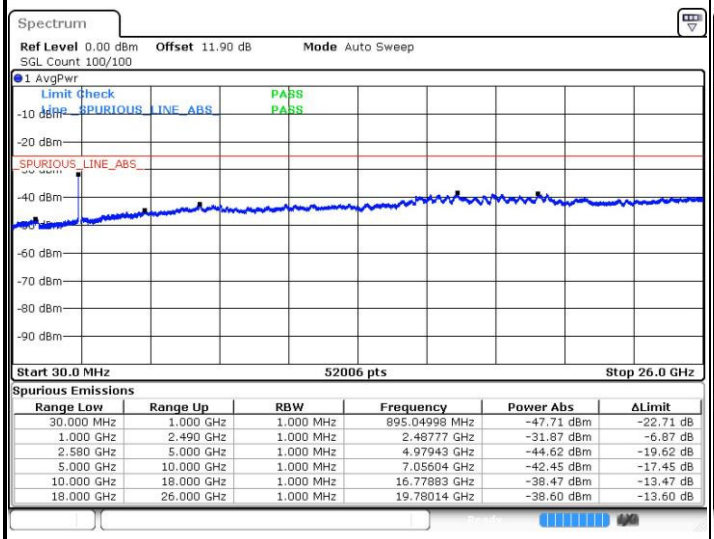
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	753.98551 MHz	-47.97 dBm	-22.97 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-47.91 dBm	-22.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98040 GHz	-44.83 dBm	-19.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05704 GHz	-42.29 dBm	-17.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78583 GHz	-38.58 dBm	-13.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77814 GHz	-38.61 dBm	-13.61 dB

Date: 9.FEB.2016 08:04:40

LTE Band 7 / 15MHz

Lowest Channel / QPSK

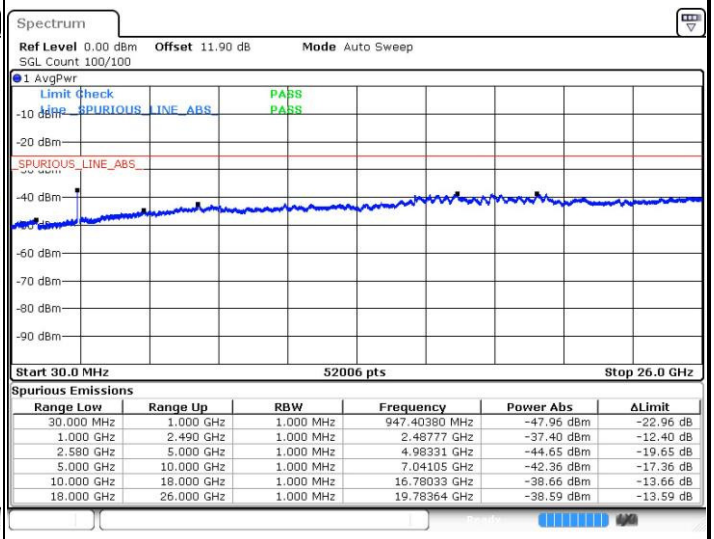


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.04998 MHz	-47.71 dBm	-22.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-31.87 dBm	-6.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97943 GHz	-44.62 dBm	-19.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05604 GHz	-42.45 dBm	-17.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77883 GHz	-38.47 dBm	-13.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78014 GHz	-38.60 dBm	-13.60 dB

Date: 9.FEB.2016 08:10:56

Lowest Channel / 16QAM

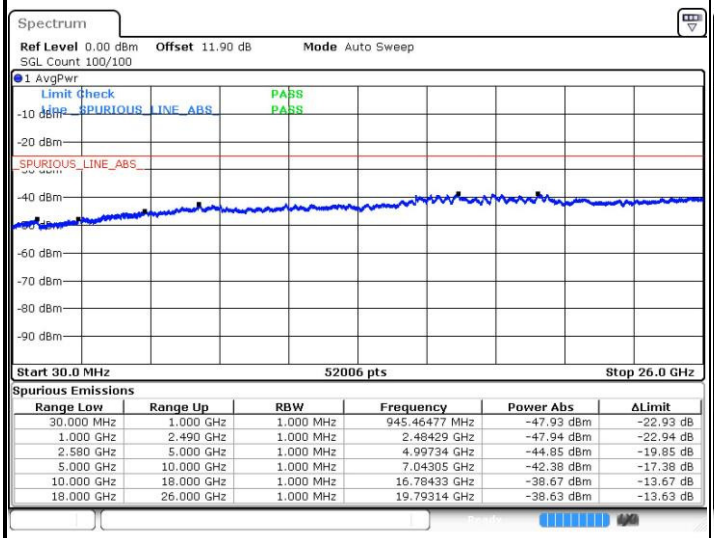


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-47.96 dBm	-22.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-37.40 dBm	-12.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-44.65 dBm	-19.65 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04105 GHz	-42.36 dBm	-17.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78033 GHz	-38.66 dBm	-13.66 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78364 GHz	-38.59 dBm	-13.59 dB

Date: 9.FEB.2016 08:11:50

Middle Channel / QPSK

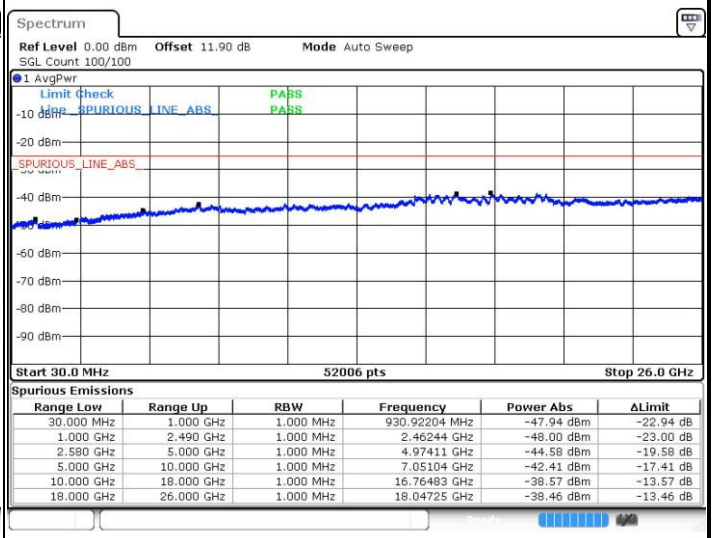


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-47.94 dBm	-22.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99734 GHz	-44.85 dBm	-19.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04305 GHz	-42.38 dBm	-17.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78433 GHz	-38.67 dBm	-13.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79314 GHz	-38.63 dBm	-13.63 dB

Date: 9.FEB.2016 08:13:26

Middle Channel / 16QAM



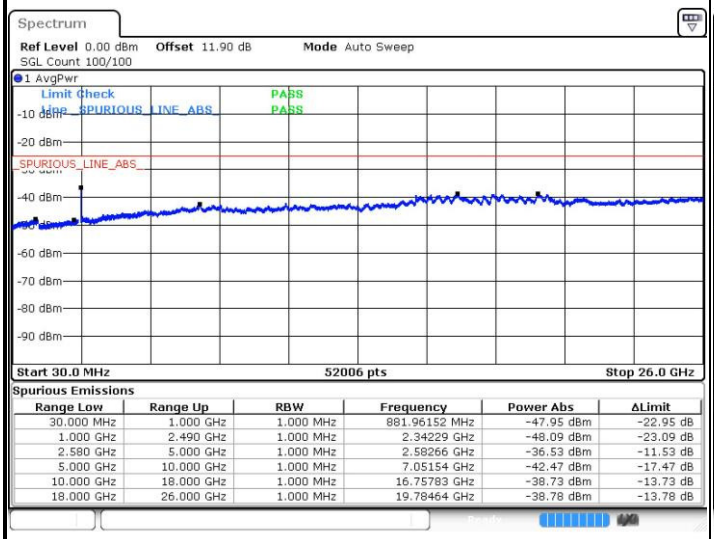
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-47.94 dBm	-22.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46244 GHz	-48.00 dBm	-23.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97411 GHz	-44.58 dBm	-19.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05104 GHz	-42.41 dBm	-17.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76483 GHz	-38.57 dBm	-13.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.04725 GHz	-38.46 dBm	-13.46 dB

Date: 9.FEB.2016 08:14:19

LTE Band7 / 15MHz

Highest Channel / QPSK

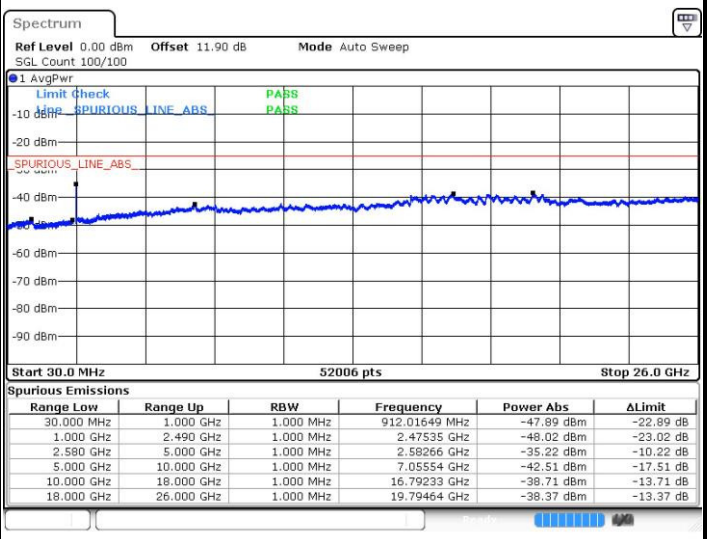


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-47.95 dBm	-22.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34229 GHz	-48.09 dBm	-23.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-36.53 dBm	-11.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05154 GHz	-42.47 dBm	-17.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.75783 GHz	-38.73 dBm	-13.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78464 GHz	-38.78 dBm	-13.78 dB

Date: 9.FEB.2016 08:20:35

Highest Channel / 16QAM



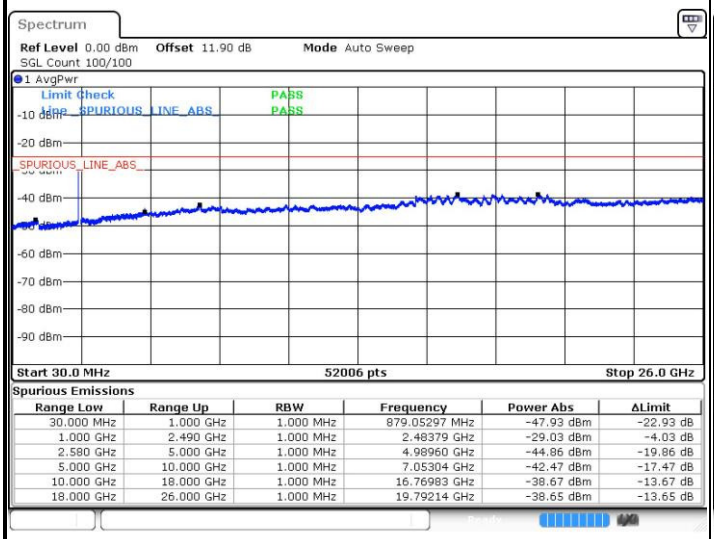
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-47.89 dBm	-22.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47535 GHz	-48.02 dBm	-23.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-35.22 dBm	-10.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05554 GHz	-42.51 dBm	-17.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79233 GHz	-38.71 dBm	-13.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79464 GHz	-38.37 dBm	-13.37 dB

Date: 9.FEB.2016 08:21:29

LTE Band 7 / 20MHz

Lowest Channel / QPSK

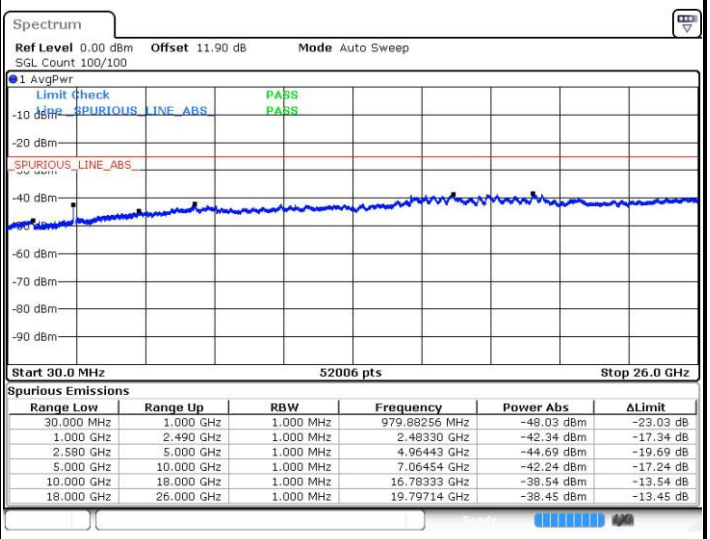


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.05297 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-29.03 dBm	-4.03 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98960 GHz	-44.86 dBm	-19.86 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05304 GHz	-42.47 dBm	-17.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76983 GHz	-38.67 dBm	-13.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-38.65 dBm	-13.65 dB

Date: 9.FEB.2016 08:27:45

Lowest Channel / 16QAM



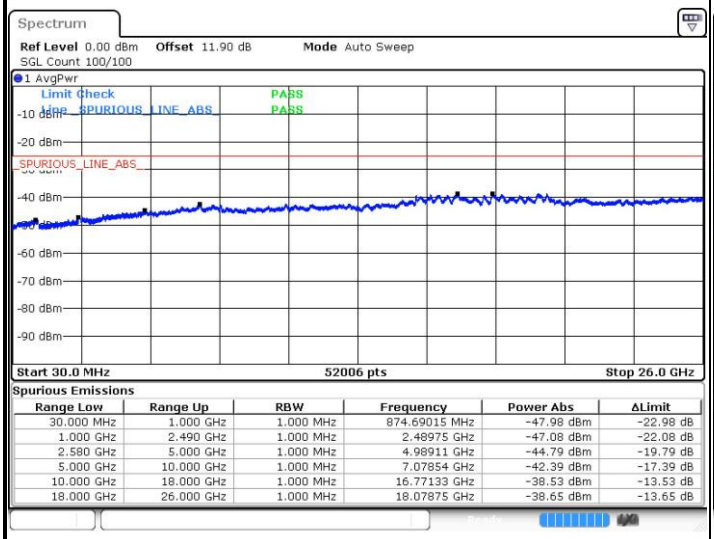
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-48.03 dBm	-23.03 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-42.34 dBm	-17.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96443 GHz	-44.69 dBm	-19.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06454 GHz	-42.24 dBm	-17.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78333 GHz	-38.54 dBm	-13.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-38.45 dBm	-13.45 dB

Date: 9.FEB.2016 08:28:39

LTE Band 7 / 20MHz

Middle Channel / QPSK

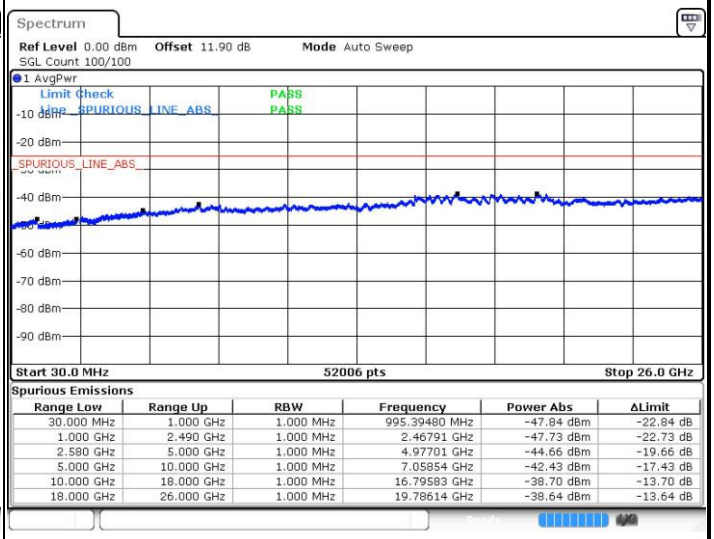


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.69015 MHz	-47.98 dBm	-22.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.08 dBm	-22.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-44.79 dBm	-19.79 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07854 GHz	-42.39 dBm	-17.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77133 GHz	-38.53 dBm	-13.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07875 GHz	-38.65 dBm	-13.65 dB

Date: 9.FEB.2016 08:30:15

Middle Channel / 16QAM

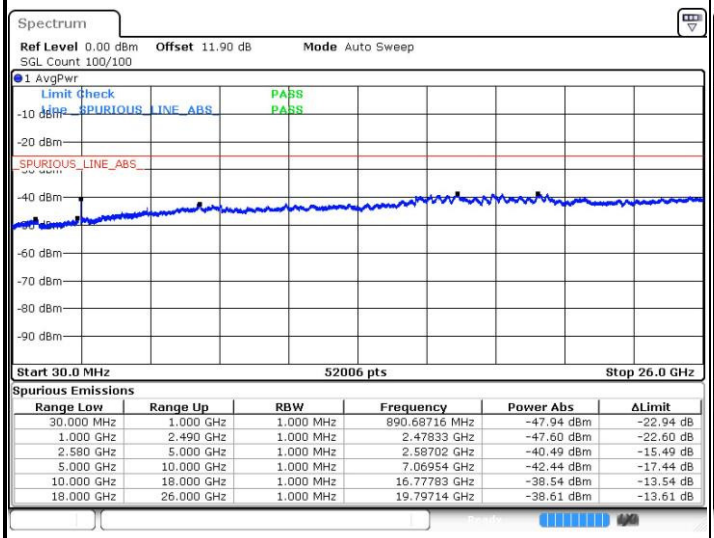


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.39480 MHz	-47.84 dBm	-22.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46791 GHz	-47.73 dBm	-22.73 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97701 GHz	-44.66 dBm	-19.66 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05854 GHz	-42.43 dBm	-17.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79583 GHz	-38.70 dBm	-13.70 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78614 GHz	-38.64 dBm	-13.64 dB

Date: 9.FEB.2016 08:31:08

Highest Channel / QPSK

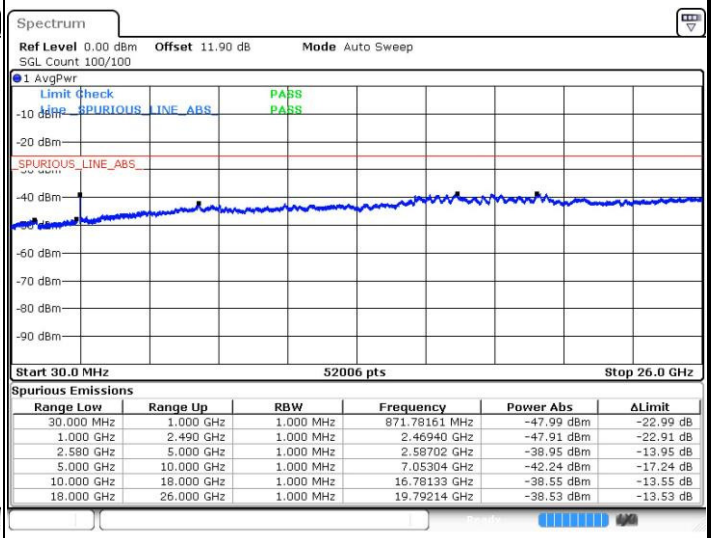


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-47.94 dBm	-22.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47833 GHz	-47.60 dBm	-22.60 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-40.49 dBm	-15.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06954 GHz	-42.44 dBm	-17.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77783 GHz	-38.54 dBm	-13.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-38.61 dBm	-13.61 dB

Date: 9.FEB.2016 08:37:24

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-47.99 dBm	-22.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46940 GHz	-47.91 dBm	-22.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-38.95 dBm	-13.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05304 GHz	-42.24 dBm	-17.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78133 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-38.53 dBm	-13.53 dB

Date: 9.FEB.2016 08:38:18

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8 V. ；Battery End Point (BEP) = 3.2 V.；Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

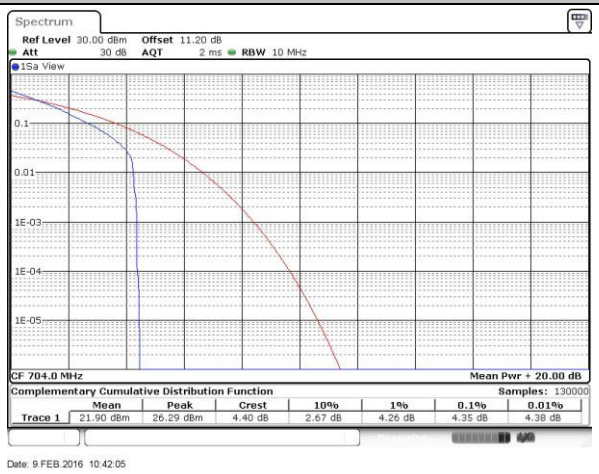
LTE Band 12

Peak-to-Average Ratio

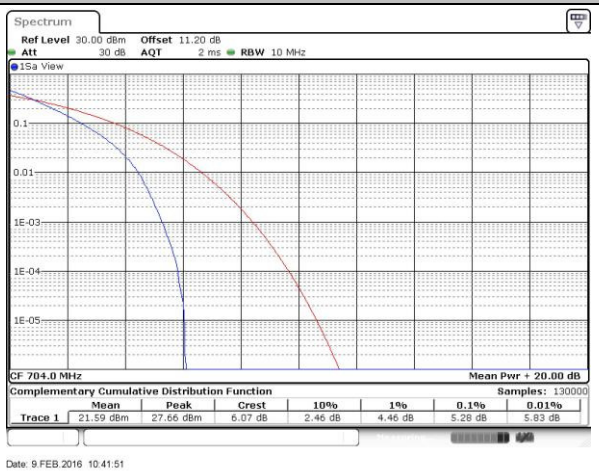
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.35	5.28	5.39	6.23	PASS
Middle CH	4.72	5.04	5.77	6.06	
Highest CH	4.72	4.96	5.97	5.97	

LTE Band 12 / 10MHz / QPSK

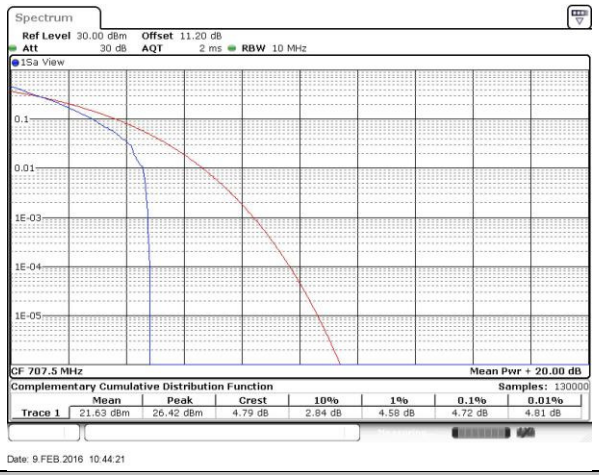
Lowest Channel / 1RB



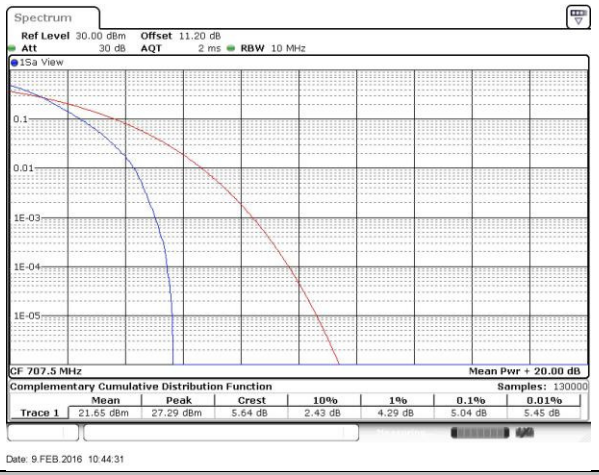
Lowest Channel / Full RB



Middle Channel / 1RB

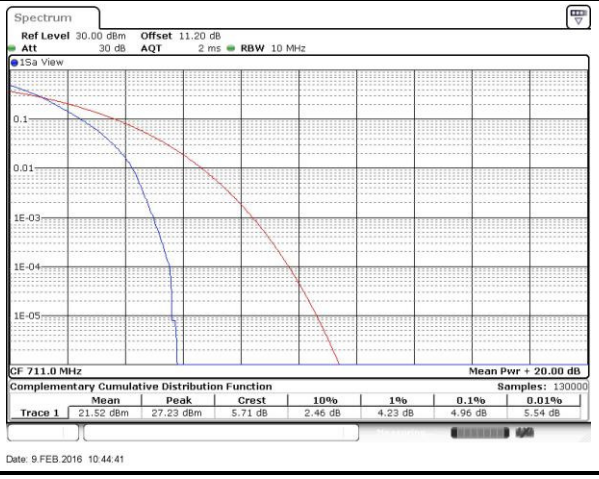


Middle Channel / Full RB



Highest Channel / 1RB

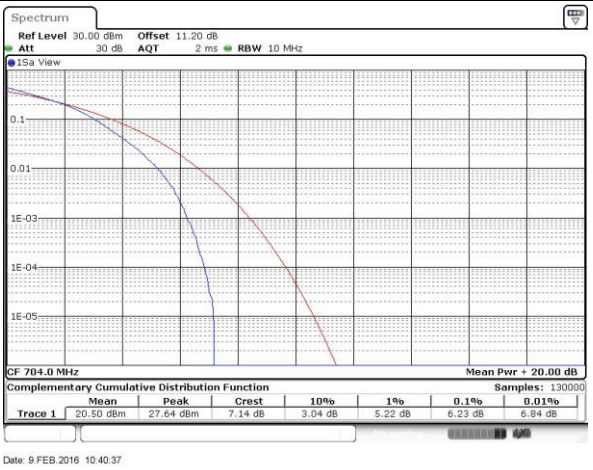
Highest Channel / Full RB



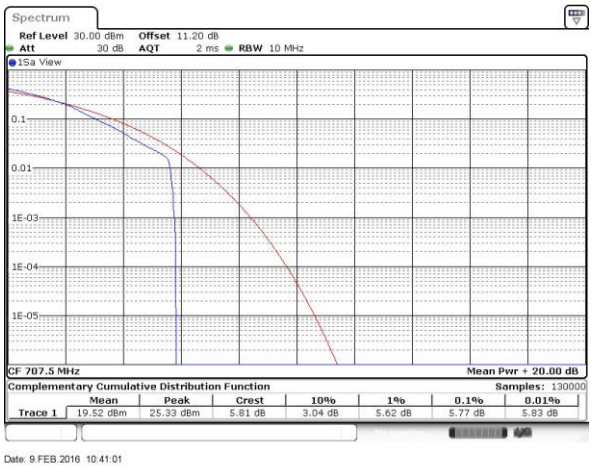
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB

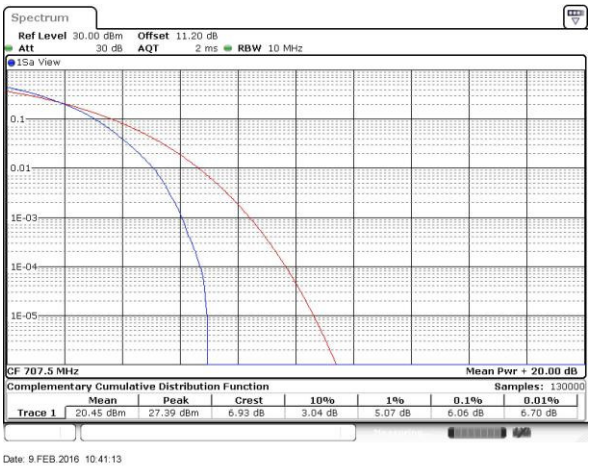
Lowest Channel / Full RB



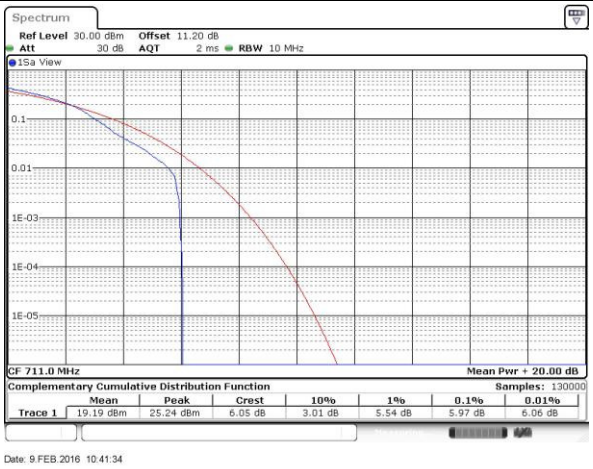
Middle Channel / 1RB



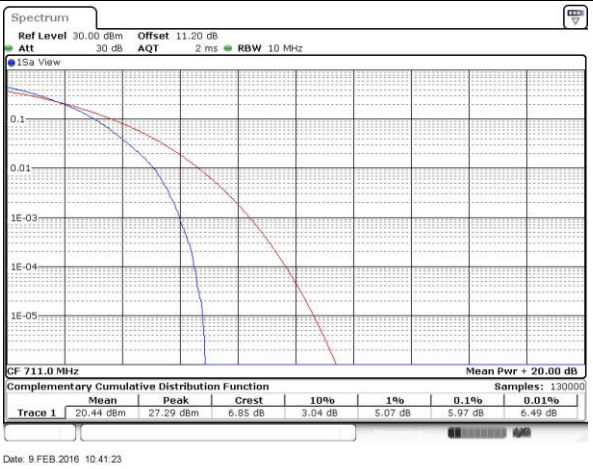
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

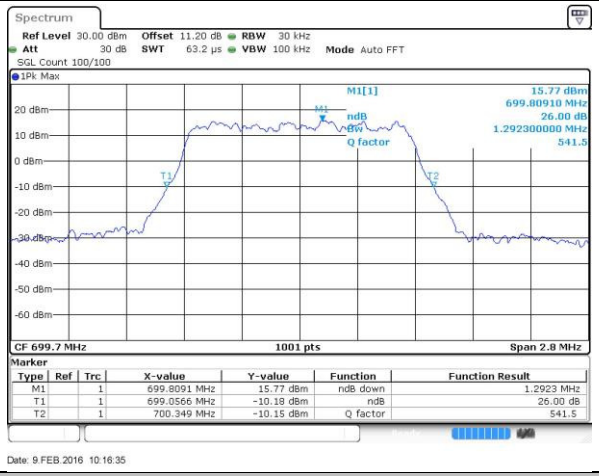


26dB Bandwidth

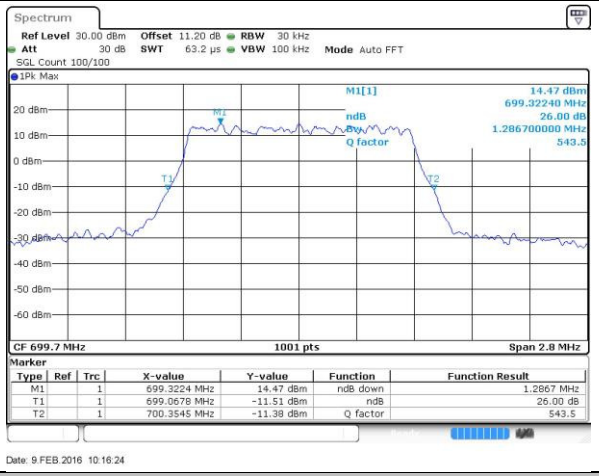
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.29	1.29	3.02	3	4.95	4.86	9.87	9.89	-	-	-	-
Middle CH	1.26	1.28	3.02	2.99	4.91	4.88	9.67	9.83	-	-	-	-
Highest CH	1.29	1.28	3.02	2.99	4.95	4.87	9.59	9.71	-	-	-	-

LTE Band 12

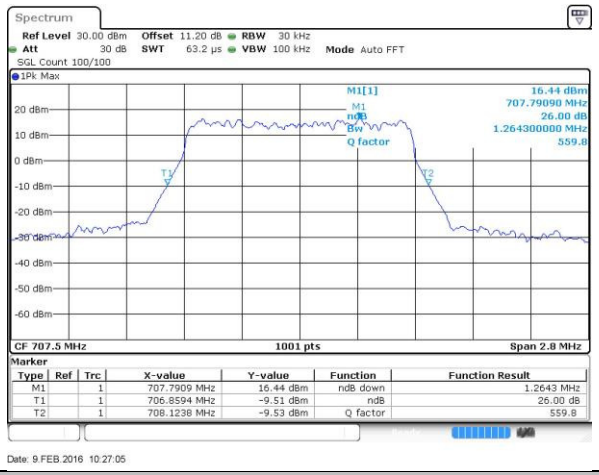
Lowest Channel / 1.4MHz / QPSK



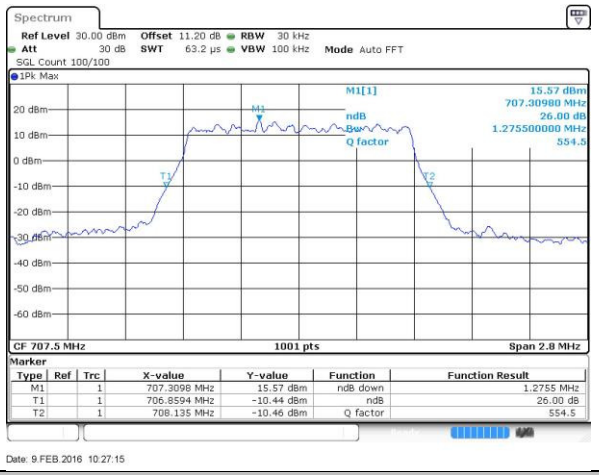
Lowest Channel / 1.4MHz / 16QAM



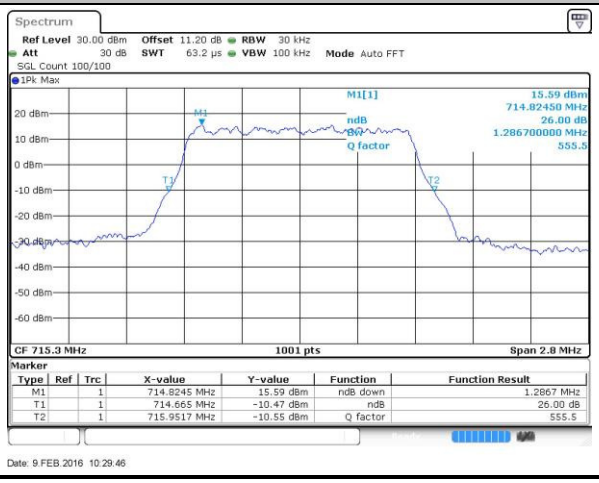
Middle Channel / 1.4MHz / QPSK



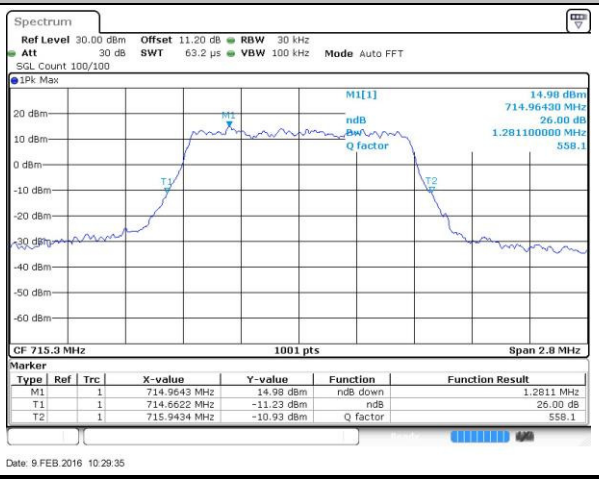
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

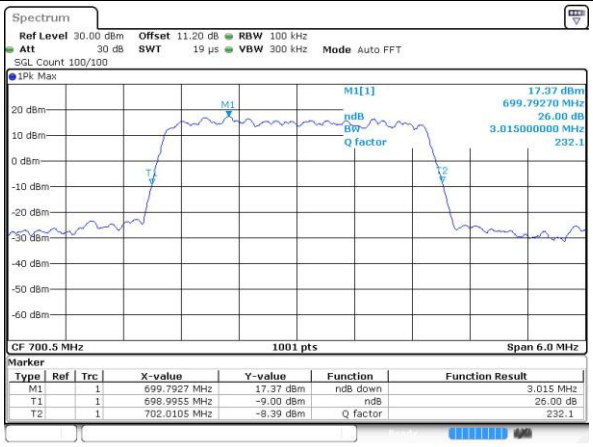


Highest Channel / 1.4MHz / 16QAM

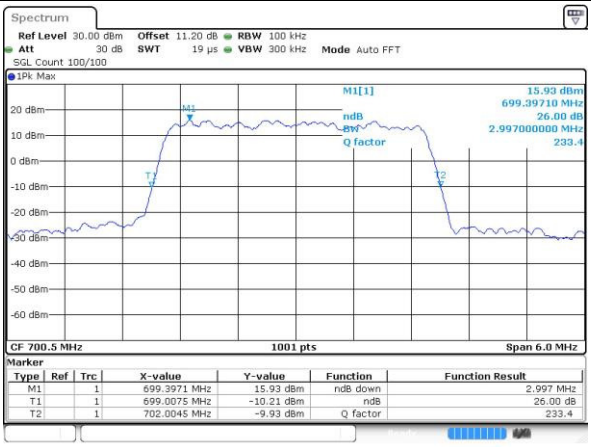


LTE Band 12

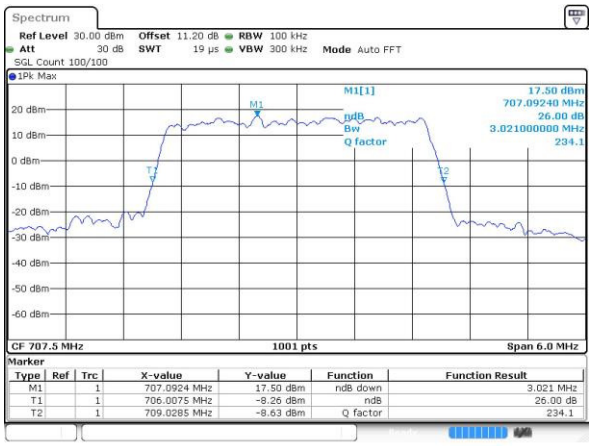
Lowest Channel / 3MHz / QPSK



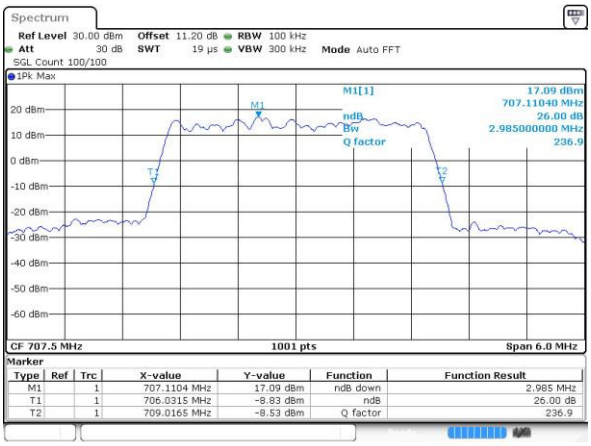
Lowest Channel / 3MHz / 16QAM



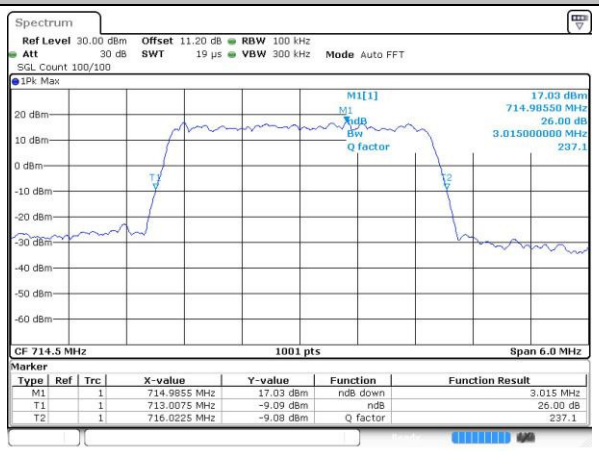
Middle Channel / 3MHz / QPSK



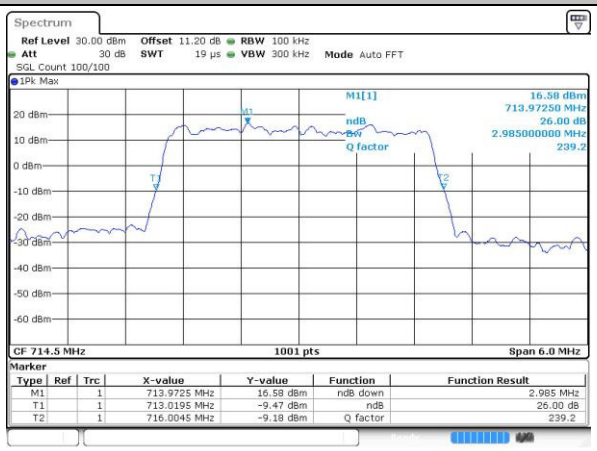
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

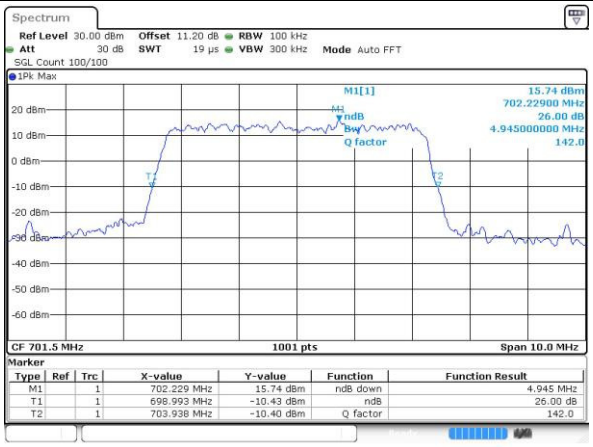


Highest Channel /3MHz / 16QAM

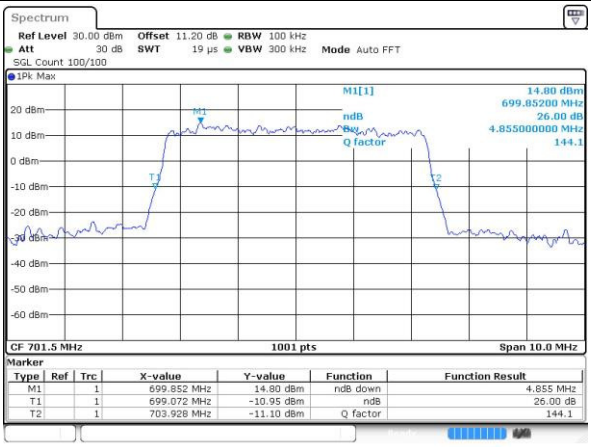


LTE Band 12

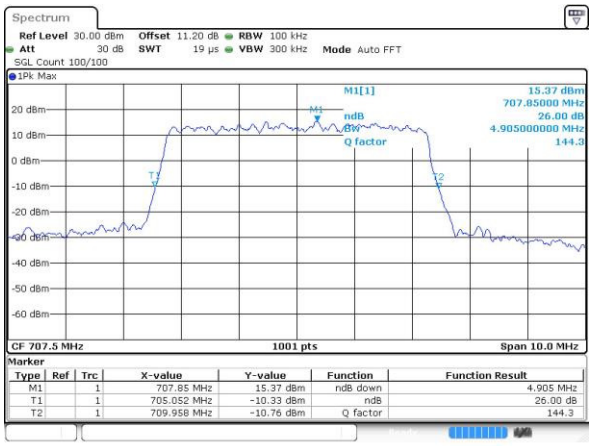
Lowest Channel / 5MHz / QPSK



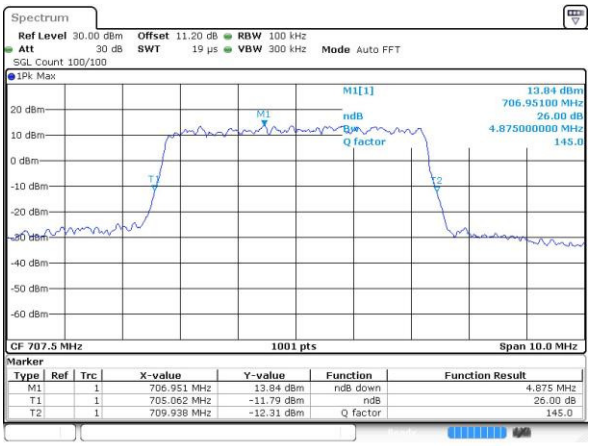
Lowest Channel / 5MHz / 16QAM



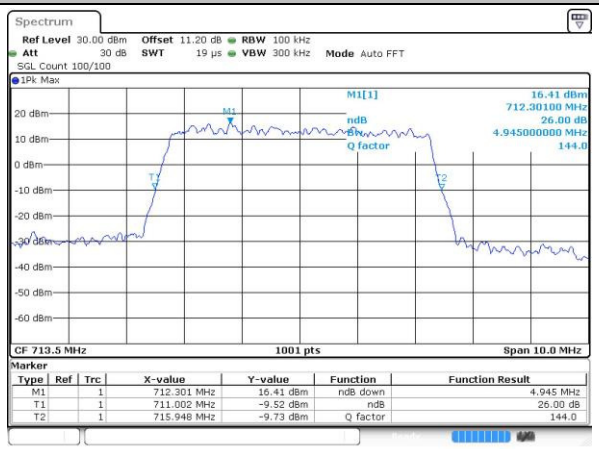
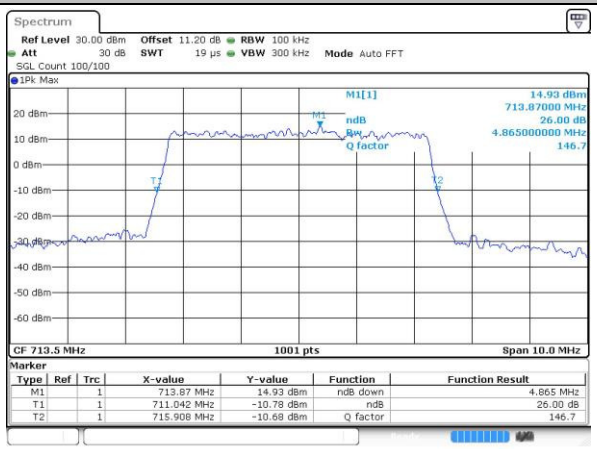
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM