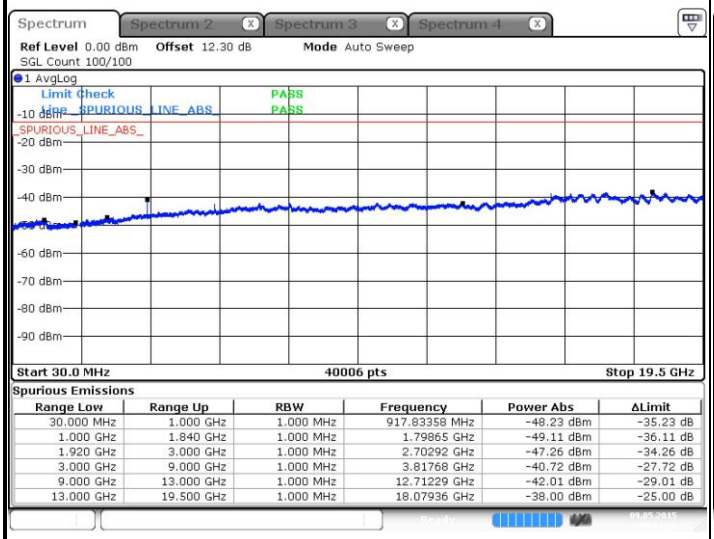
LTE Band 2 / 1.4MHz

Highest Channel / QPSK

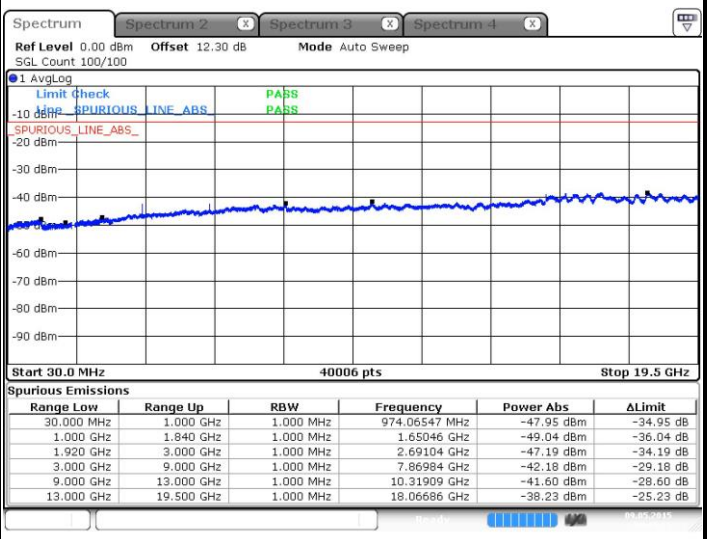


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-48.23 dBm	-35.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79865 GHz	-49.11 dBm	-36.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.70292 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-40.72 dBm	-27.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71229 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07936 GHz	-38.00 dBm	-25.00 dB

Date: 9.MAY.2015 00:44:13

Highest Channel / 16QAM



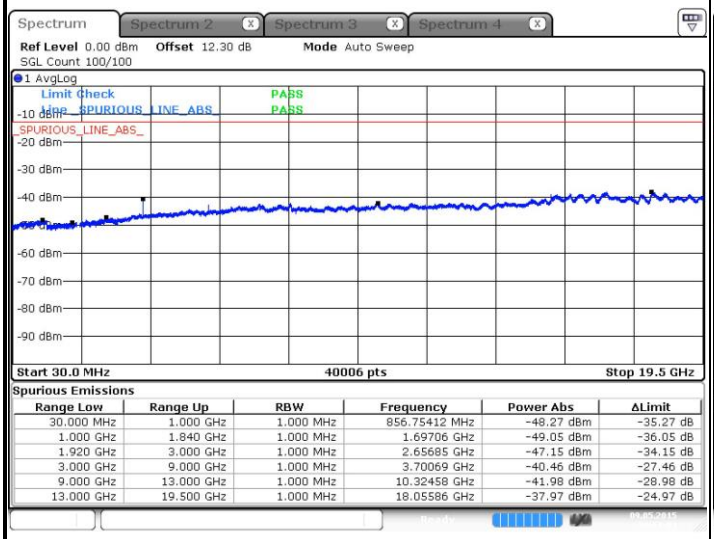
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-47.95 dBm	-34.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65046 GHz	-49.04 dBm	-36.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69104 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86984 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31909 GHz	-41.60 dBm	-28.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06686 GHz	-38.23 dBm	-25.23 dB

Date: 9.MAY.2015 00:45:25

LTE Band 2 / 3MHz

Lowest Channel / QPSK

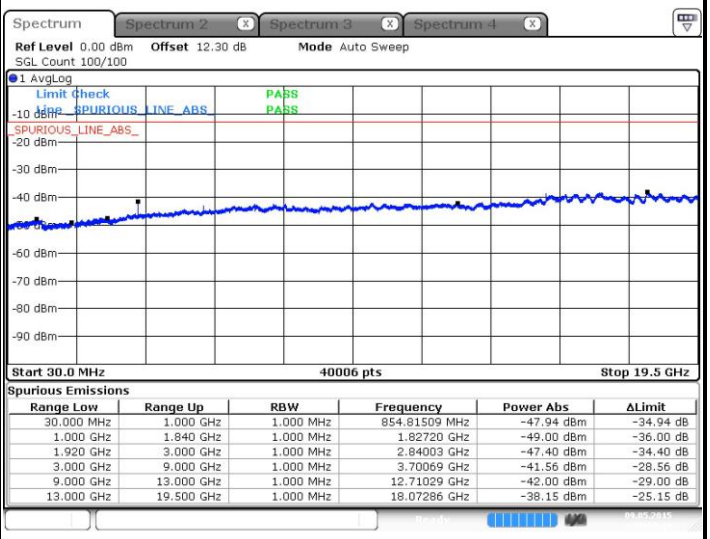


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-48.27 dBm	-35.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69706 GHz	-49.05 dBm	-36.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65685 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-40.46 dBm	-27.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32458 GHz	-41.98 dBm	-28.98 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.05586 GHz	-37.97 dBm	-24.97 dB

Date: 9.MAY.2015 00:57:03

Lowest Channel / 16QAM



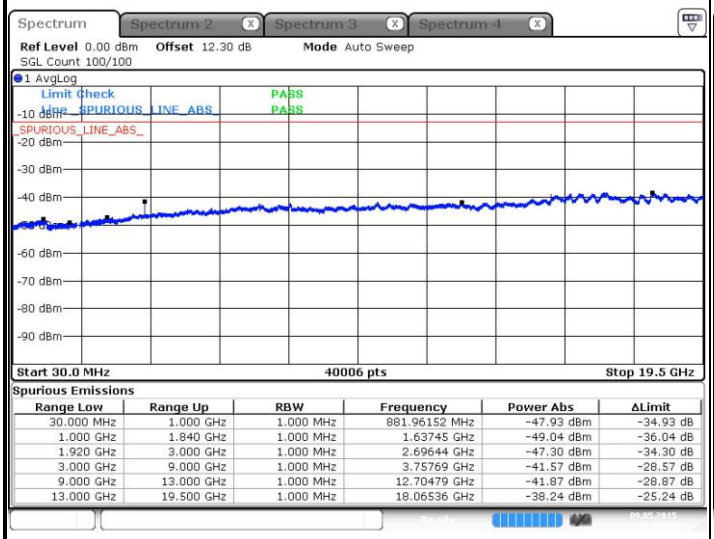
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.81509 MHz	-47.94 dBm	-34.94 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82720 GHz	-49.00 dBm	-36.00 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84003 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-41.56 dBm	-28.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71029 GHz	-42.00 dBm	-29.00 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07286 GHz	-38.15 dBm	-25.15 dB

Date: 9.MAY.2015 00:58:16

LTE Band 2 / 3MHz

Middle Channel / QPSK

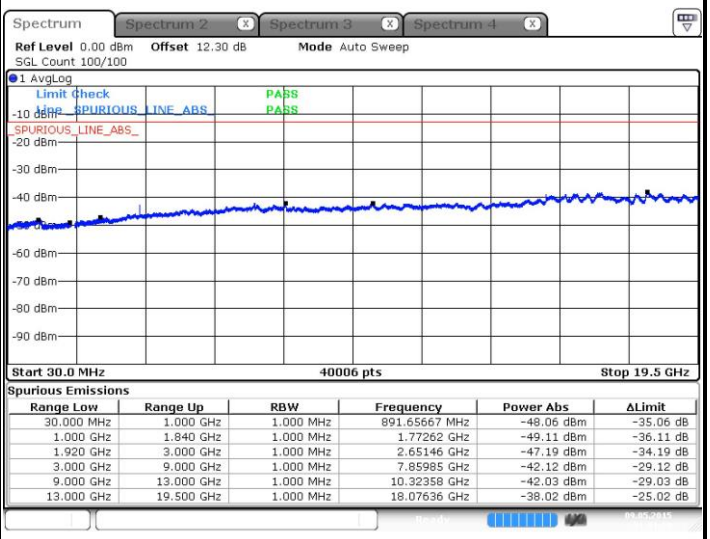


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-47.93 dBm	-34.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63745 GHz	-49.04 dBm	-36.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69644 GHz	-47.30 dBm	-34.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-41.87 dBm	-28.87 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06536 GHz	-38.24 dBm	-25.24 dB

Date: 9.MAY.2015 01:00:16

Middle Channel / 16QAM

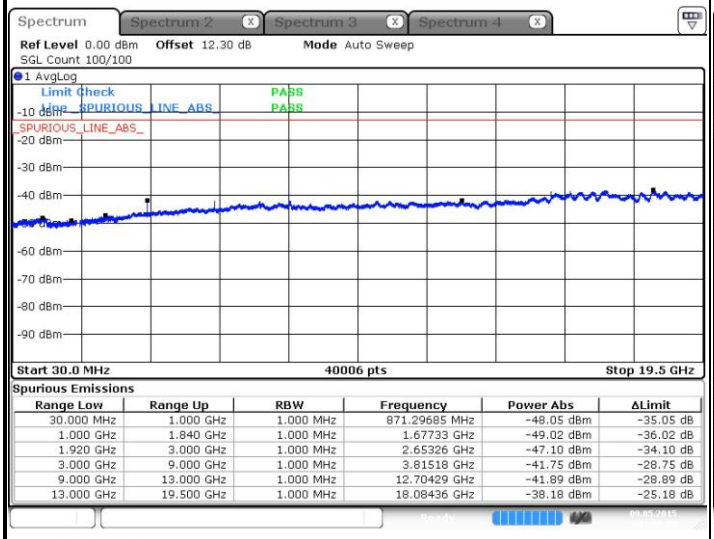


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.65667 MHz	-48.06 dBm	-35.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77262 GHz	-49.11 dBm	-36.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65146 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85985 GHz	-42.12 dBm	-29.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32358 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07636 GHz	-38.02 dBm	-25.02 dB

Date: 9.MAY.2015 01:01:29

Highest Channel / QPSK

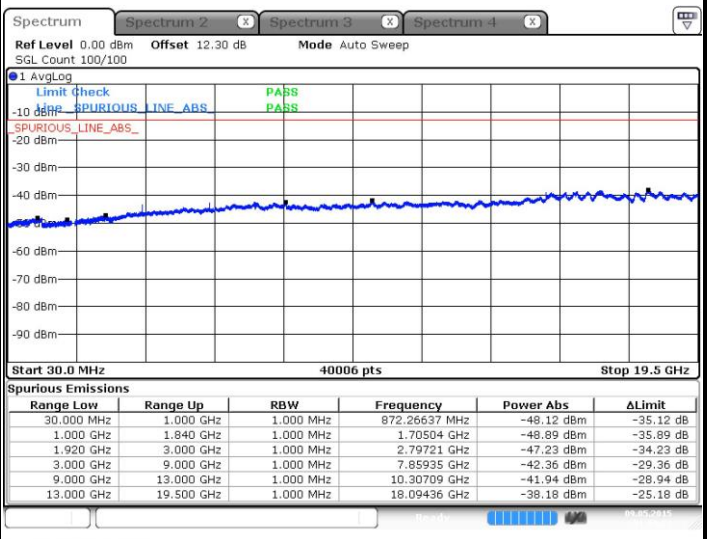


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.29685 MHz	-48.05 dBm	-35.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67733 GHz	-49.02 dBm	-36.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65326 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81518 GHz	-41.75 dBm	-28.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70429 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08436 GHz	-38.18 dBm	-25.18 dB

Date: 9.MAY.2015 01:08:09

Highest Channel / 16QAM



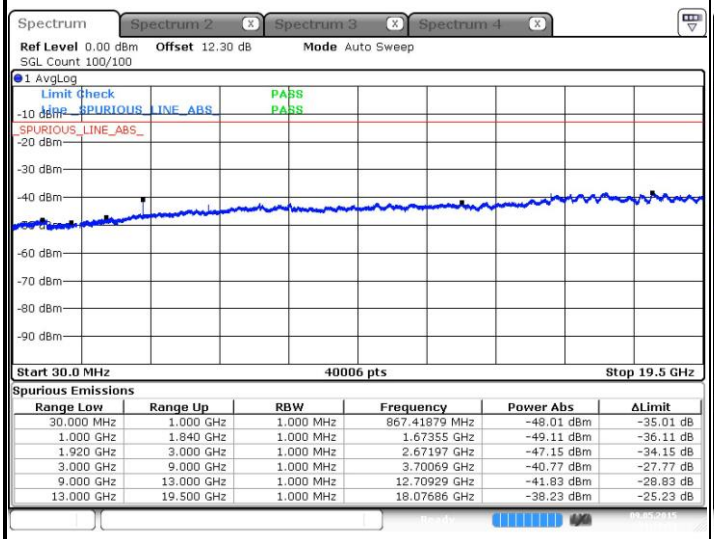
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.26637 MHz	-48.12 dBm	-35.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70504 GHz	-48.89 dBm	-35.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79721 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85935 GHz	-42.36 dBm	-29.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30709 GHz	-41.94 dBm	-28.94 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.09436 GHz	-38.18 dBm	-25.18 dB

Date: 9.MAY.2015 01:09:22

LTE Band 2 / 5MHz

Lowest Channel / QPSK

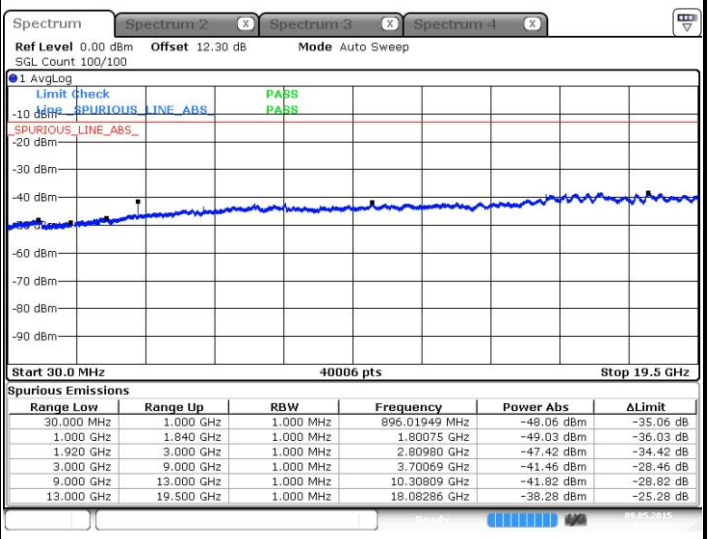


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.41879 MHz	-48.01 dBm	-35.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67355 GHz	-49.11 dBm	-36.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67197 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-40.77 dBm	-27.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70929 GHz	-41.83 dBm	-28.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.23 dBm	-25.23 dB

Date: 9.MAY.2015 01:18:53

Lowest Channel / 16QAM

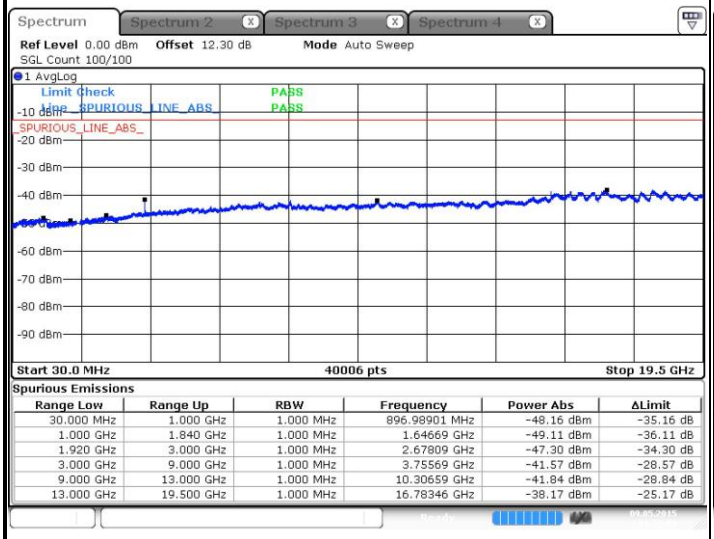


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-48.06 dBm	-35.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80075 GHz	-49.03 dBm	-36.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80980 GHz	-47.42 dBm	-34.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-41.46 dBm	-28.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30809 GHz	-41.82 dBm	-28.82 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08286 GHz	-38.28 dBm	-25.28 dB

Date: 9.MAY.2015 01:20:06

Middle Channel / QPSK

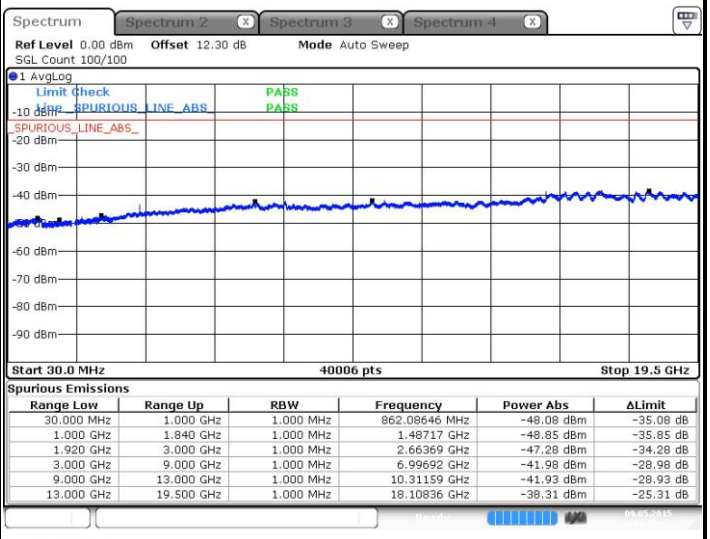


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-48.16 dBm	-35.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64669 GHz	-49.11 dBm	-36.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67809 GHz	-47.30 dBm	-34.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-41.84 dBm	-28.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78346 GHz	-38.17 dBm	-25.17 dB

Date: 9.MAY.2015 01:22:05

Middle Channel / 16QAM



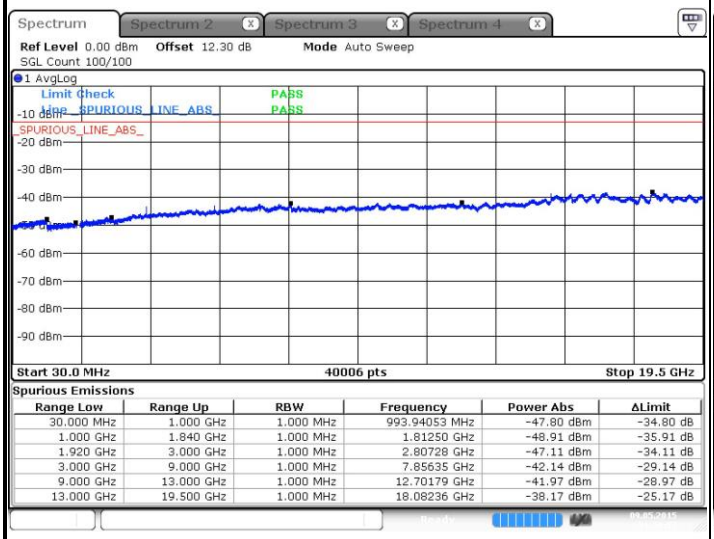
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.08646 MHz	-48.08 dBm	-35.08 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.48717 GHz	-48.85 dBm	-35.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66369 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-41.98 dBm	-28.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31159 GHz	-41.93 dBm	-28.93 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.10836 GHz	-38.31 dBm	-25.31 dB

Date: 9.MAY.2015 01:23:18

LTE Band 2 / 5MHz

Highest Channel / QPSK

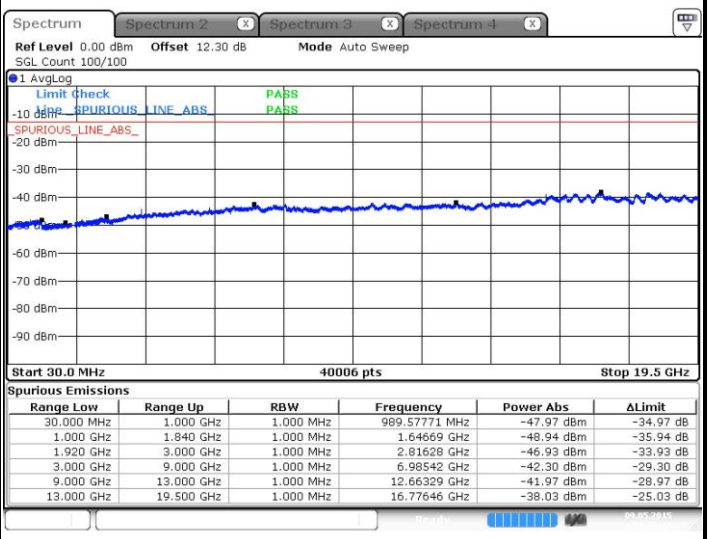


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-47.80 dBm	-34.80 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81250 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80728 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85635 GHz	-42.14 dBm	-29.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70179 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08236 GHz	-38.17 dBm	-25.17 dB

Date: 9.MAY.2015 01:29:58

Highest Channel / 16QAM



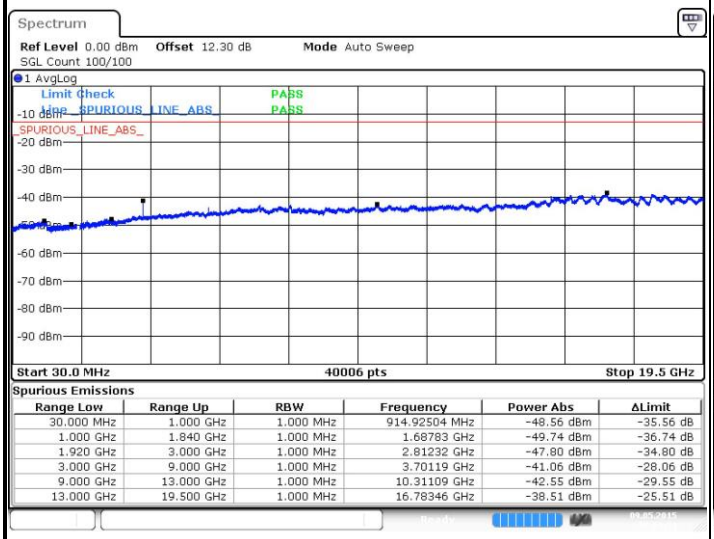
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.97 dBm	-34.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64669 GHz	-48.94 dBm	-35.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81628 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-42.30 dBm	-29.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66329 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77646 GHz	-38.03 dBm	-25.03 dB

Date: 9.MAY.2015 01:31:10

LTE Band 2 / 10MHz

Lowest Channel / QPSK

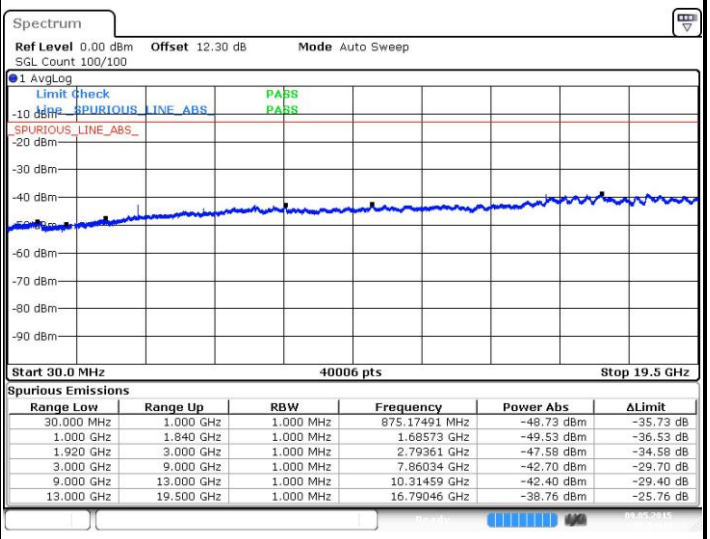


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-48.56 dBm	-35.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68783 GHz	-49.74 dBm	-36.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81232 GHz	-47.80 dBm	-34.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-41.06 dBm	-28.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31109 GHz	-42.55 dBm	-29.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78346 GHz	-38.51 dBm	-25.51 dB

Date: 9.MAY.2015 07:03:31

Lowest Channel / 16QAM



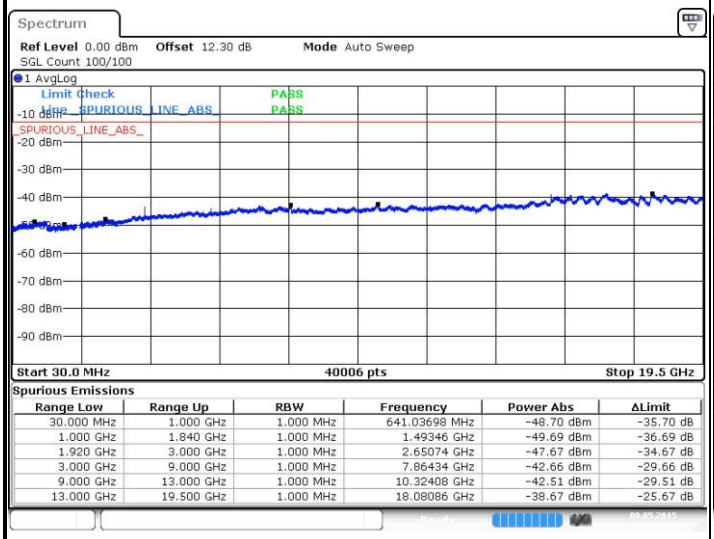
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-48.73 dBm	-35.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68573 GHz	-49.53 dBm	-36.53 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79361 GHz	-47.58 dBm	-34.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86034 GHz	-42.70 dBm	-29.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31459 GHz	-42.40 dBm	-29.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79046 GHz	-38.76 dBm	-25.76 dB

Date: 9.MAY.2015 07:04:43

LTE Band 2 / 10MHz

Middle Channel / QPSK

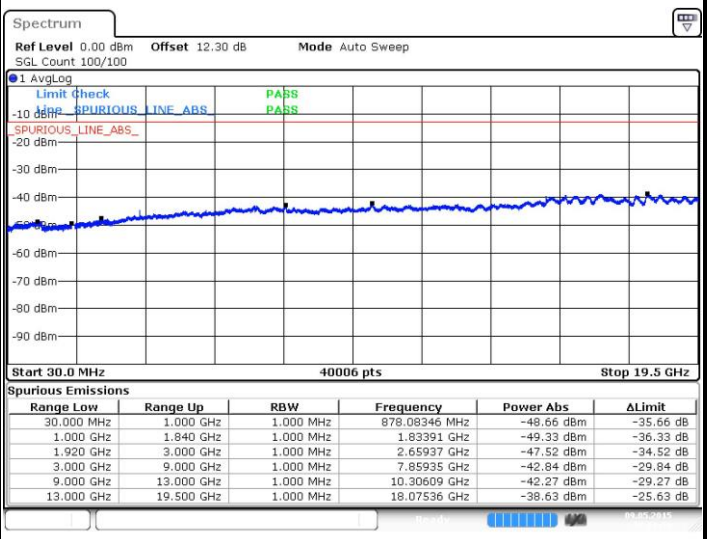


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	641.03698 MHz	-48.70 dBm	-35.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.49346 GHz	-49.69 dBm	-36.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65074 GHz	-47.67 dBm	-34.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86434 GHz	-42.66 dBm	-29.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32408 GHz	-42.51 dBm	-29.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08086 GHz	-38.67 dBm	-25.67 dB

Date: 9.MAY.2015 07:06:43

Middle Channel / 16QAM

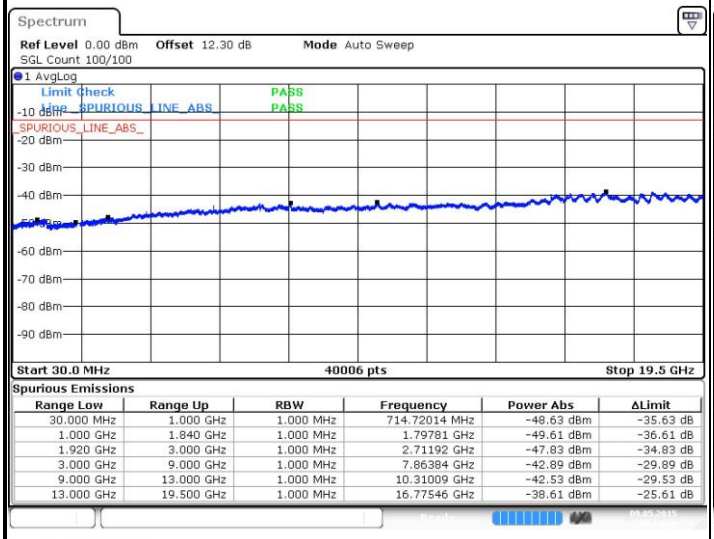


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-48.66 dBm	-35.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-49.33 dBm	-36.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65937 GHz	-47.52 dBm	-34.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85935 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30609 GHz	-42.27 dBm	-29.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07536 GHz	-38.63 dBm	-25.63 dB

Date: 9.MAY.2015 07:07:56

Highest Channel / QPSK

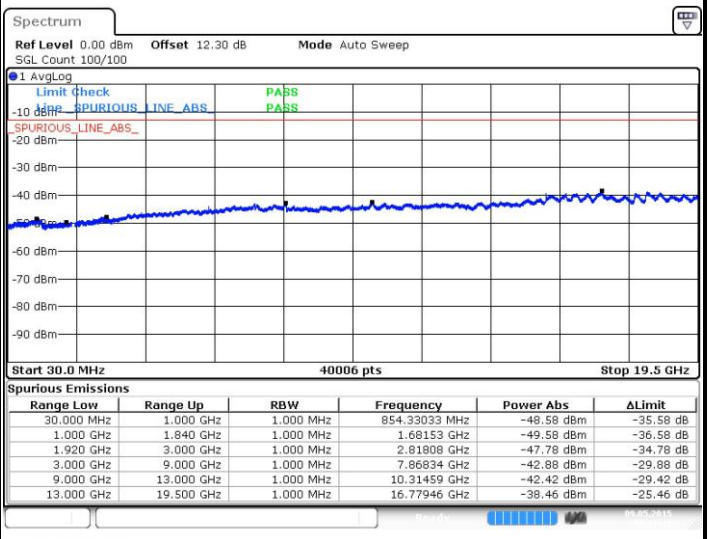


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	714.72014 MHz	-48.63 dBm	-35.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79781 GHz	-49.61 dBm	-36.61 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.71192 GHz	-47.83 dBm	-34.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86384 GHz	-42.89 dBm	-29.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31009 GHz	-42.53 dBm	-29.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77546 GHz	-38.61 dBm	-25.61 dB

Date: 9.MAY.2015 07:14:36

Highest Channel / 16QAM



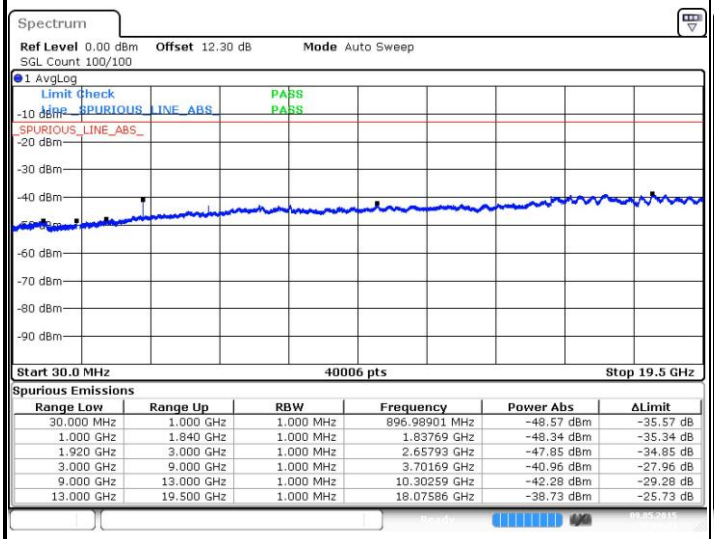
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.33033 MHz	-48.58 dBm	-35.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68153 GHz	-49.58 dBm	-36.58 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81808 GHz	-47.78 dBm	-34.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86834 GHz	-42.88 dBm	-29.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31459 GHz	-42.42 dBm	-29.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77946 GHz	-38.46 dBm	-25.46 dB

Date: 9.MAY.2015 07:15:49

LTE Band 2 / 15MHz

Lowest Channel / QPSK

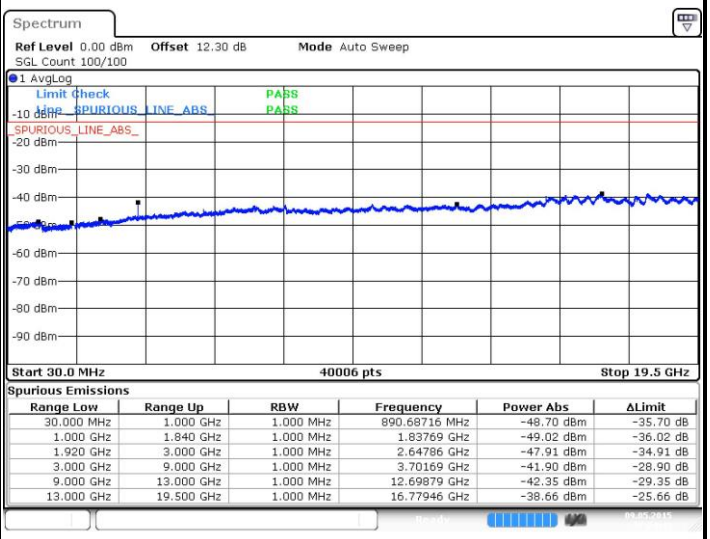


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-48.57 dBm	-35.57 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-48.34 dBm	-35.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-47.85 dBm	-34.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-40.96 dBm	-27.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30259 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07586 GHz	-38.73 dBm	-25.73 dB

Date: 9.MAY.2015 07:23:33

Lowest Channel / 16QAM

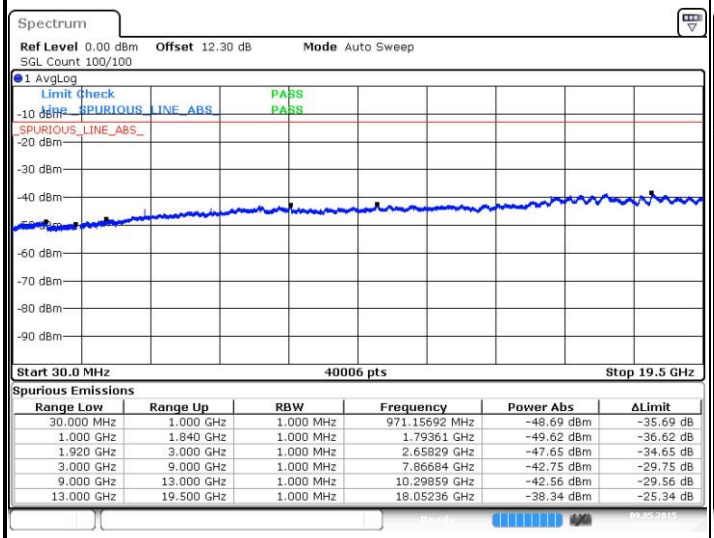


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-48.70 dBm	-35.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-49.02 dBm	-36.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64786 GHz	-47.91 dBm	-34.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-41.90 dBm	-28.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69879 GHz	-42.35 dBm	-29.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77946 GHz	-38.66 dBm	-25.66 dB

Date: 9.MAY.2015 07:24:46

Middle Channel / QPSK

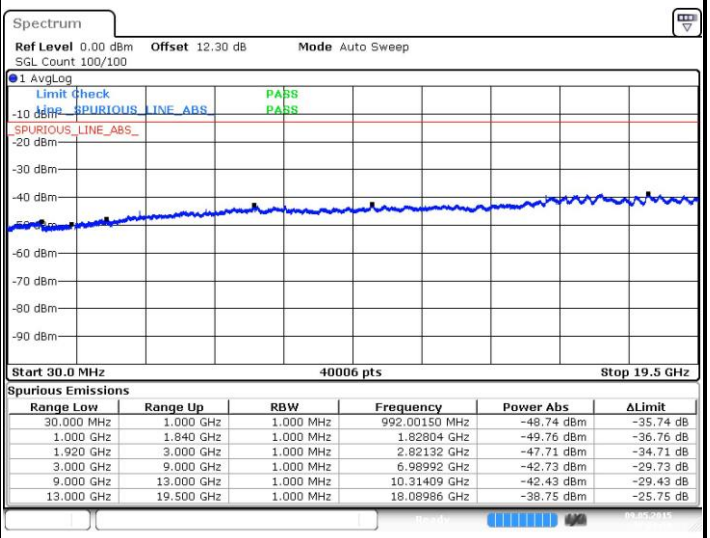


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-48.69 dBm	-35.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79361 GHz	-49.62 dBm	-36.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65829 GHz	-47.65 dBm	-34.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86684 GHz	-42.75 dBm	-29.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29859 GHz	-42.56 dBm	-29.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.05236 GHz	-38.34 dBm	-25.34 dB

Date: 9.MAY.2015 07:26:45

Middle Channel / 16QAM



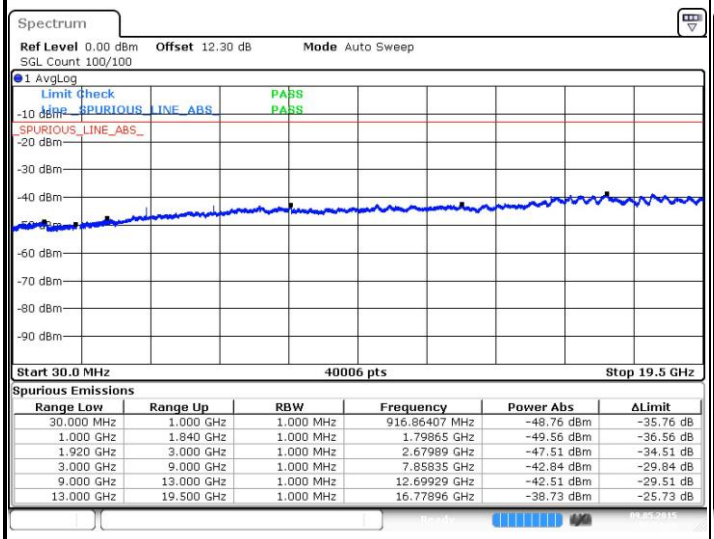
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-48.74 dBm	-35.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82804 GHz	-49.76 dBm	-36.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82132 GHz	-47.71 dBm	-34.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31409 GHz	-42.43 dBm	-29.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08986 GHz	-38.75 dBm	-25.75 dB

Date: 9.MAY.2015 07:27:58

LTE Band 2 / 15MHz

Highest Channel / QPSK

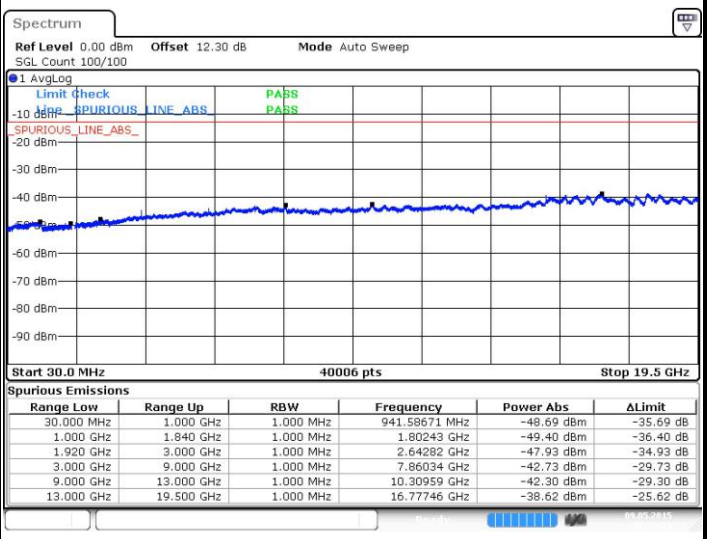


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-48.76 dBm	-35.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79865 GHz	-49.56 dBm	-36.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67989 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85835 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-42.51 dBm	-29.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77896 GHz	-38.73 dBm	-25.73 dB

Date: 9.MAY.2015 07:34:38

Highest Channel / 16QAM



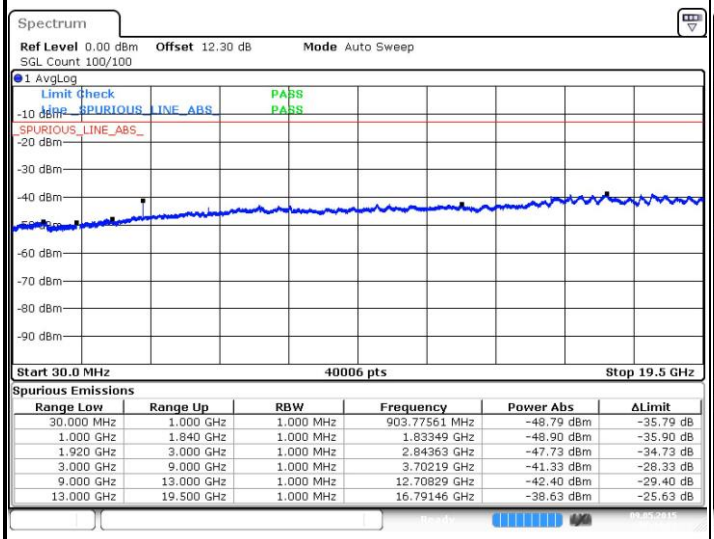
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-48.69 dBm	-35.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80243 GHz	-49.40 dBm	-36.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64282 GHz	-47.93 dBm	-34.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86034 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-42.30 dBm	-29.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77746 GHz	-38.62 dBm	-25.62 dB

Date: 9.MAY.2015 07:35:50

LTE Band 2 / 20MHz

Lowest Channel / QPSK

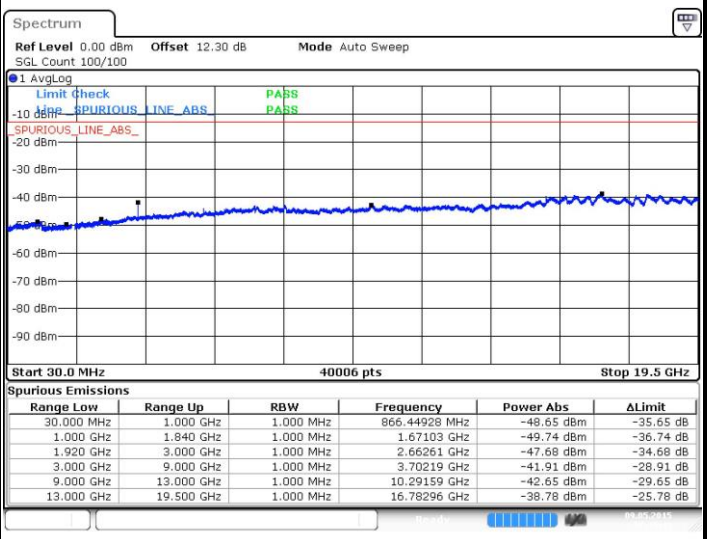


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-48.79 dBm	-35.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-48.90 dBm	-35.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84363 GHz	-47.73 dBm	-34.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-41.33 dBm	-28.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-42.40 dBm	-29.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79146 GHz	-38.63 dBm	-25.63 dB

Date: 9.MAY.2015 07:44:31

Lowest Channel / 16QAM



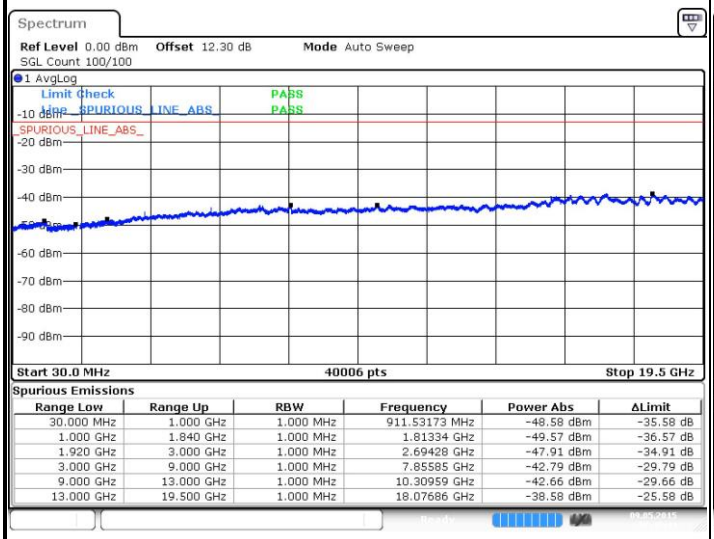
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.44928 MHz	-48.65 dBm	-35.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67103 GHz	-49.74 dBm	-36.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66261 GHz	-47.68 dBm	-34.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-41.91 dBm	-28.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29159 GHz	-42.65 dBm	-29.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78296 GHz	-38.78 dBm	-25.78 dB

Date: 9.MAY.2015 07:45:44

LTE Band 2 / 20MHz

Middle Channel / QPSK

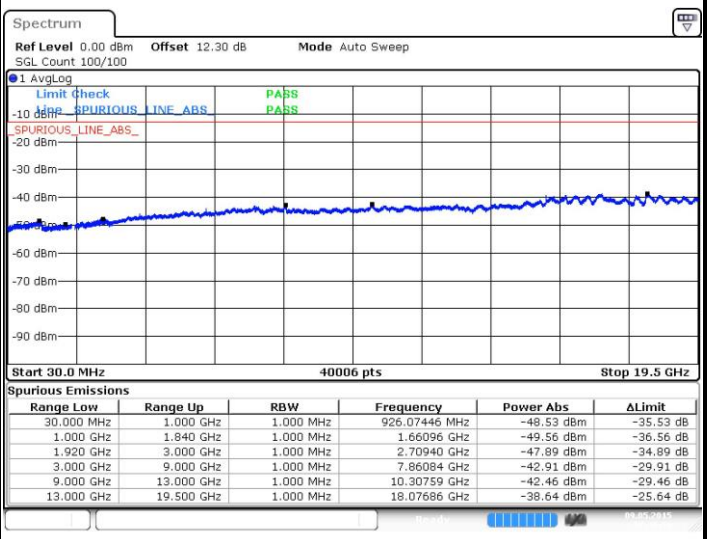


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-48.58 dBm	-35.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81334 GHz	-49.57 dBm	-36.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69428 GHz	-47.91 dBm	-34.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85585 GHz	-42.79 dBm	-29.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-42.66 dBm	-29.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.58 dBm	-25.58 dB

Date: 9.MAY.2015 07:47:44

Middle Channel / 16QAM

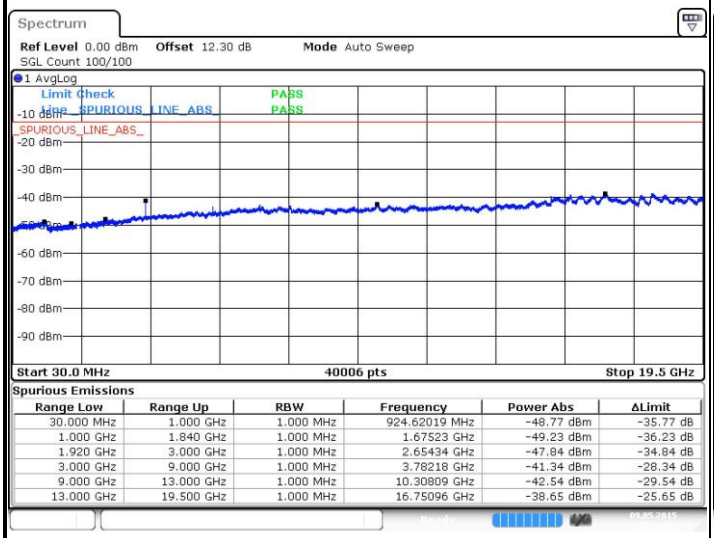


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-48.53 dBm	-35.53 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66096 GHz	-49.56 dBm	-36.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.70940 GHz	-47.89 dBm	-34.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86084 GHz	-42.91 dBm	-29.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30759 GHz	-42.46 dBm	-29.46 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.64 dBm	-25.64 dB

Date: 9.MAY.2015 07:48:56

Highest Channel / QPSK

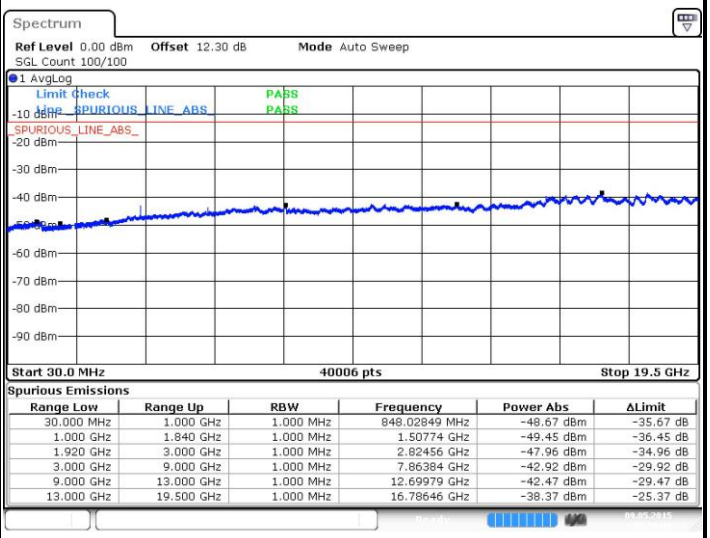


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-48.77 dBm	-35.77 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67523 GHz	-49.23 dBm	-36.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65434 GHz	-47.84 dBm	-34.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-41.34 dBm	-28.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30809 GHz	-42.54 dBm	-29.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.75096 GHz	-38.65 dBm	-25.65 dB

Date: 9.MAY.2015 07:55:36

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.02849 MHz	-48.67 dBm	-35.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.50774 GHz	-49.45 dBm	-36.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82456 GHz	-47.96 dBm	-34.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86384 GHz	-42.92 dBm	-29.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-42.47 dBm	-29.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78646 GHz	-38.37 dBm	-25.37 dB

Date: 9.MAY.2015 07:56:48

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

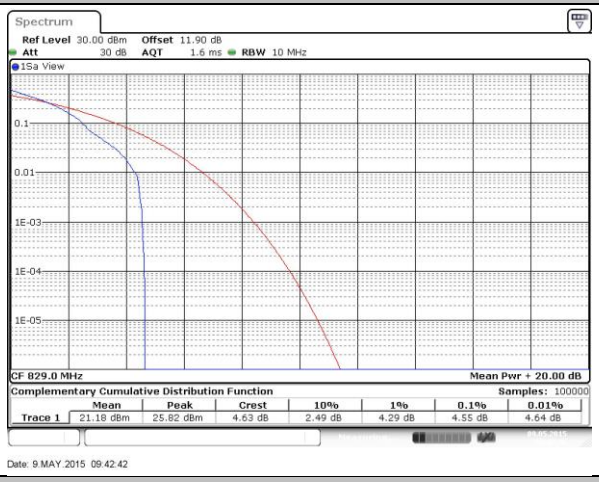
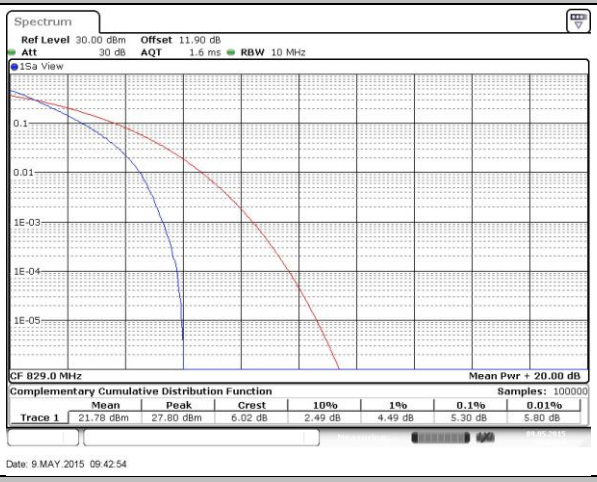
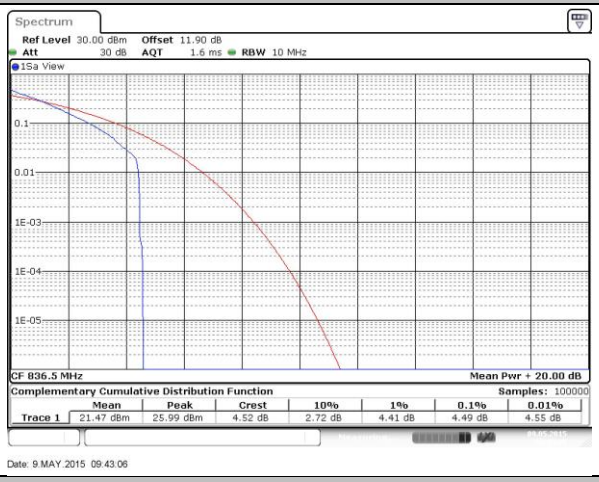
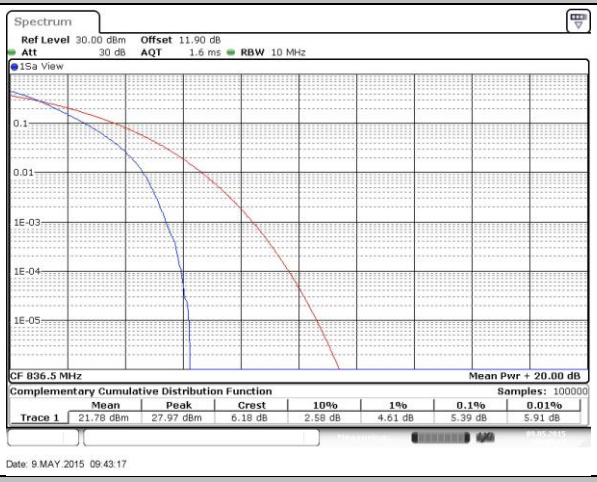
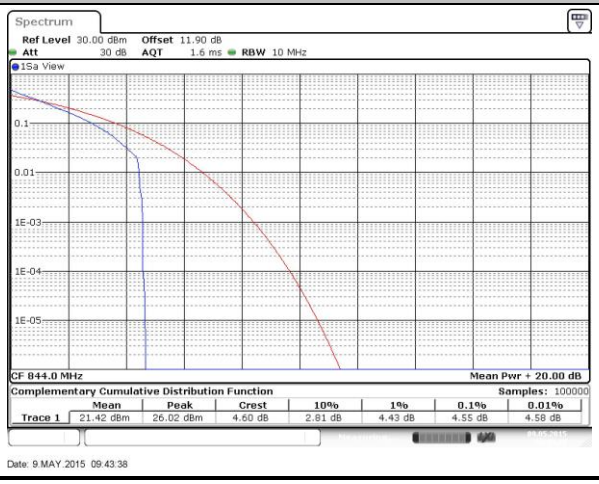
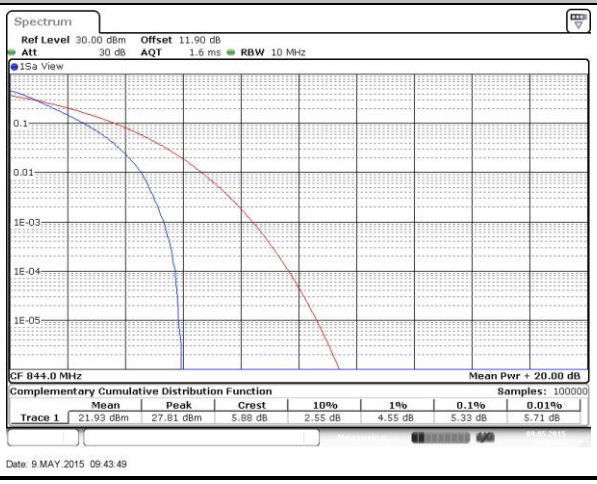
Note:

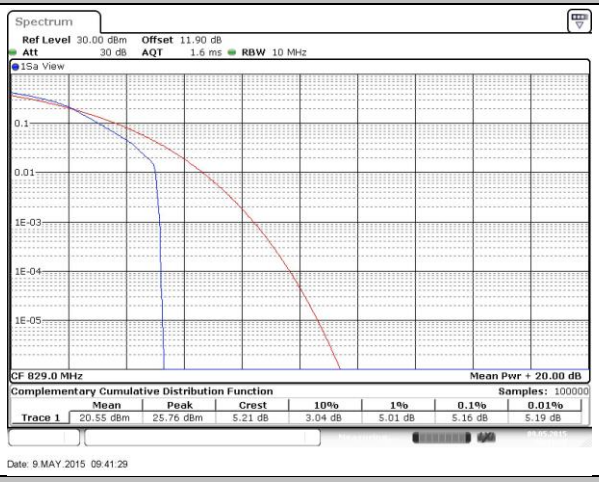
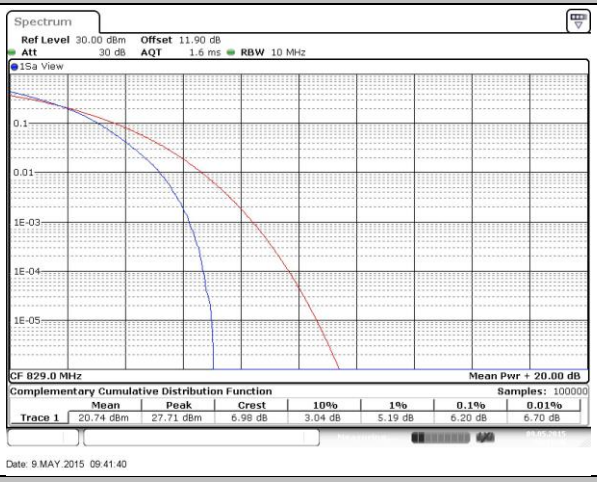
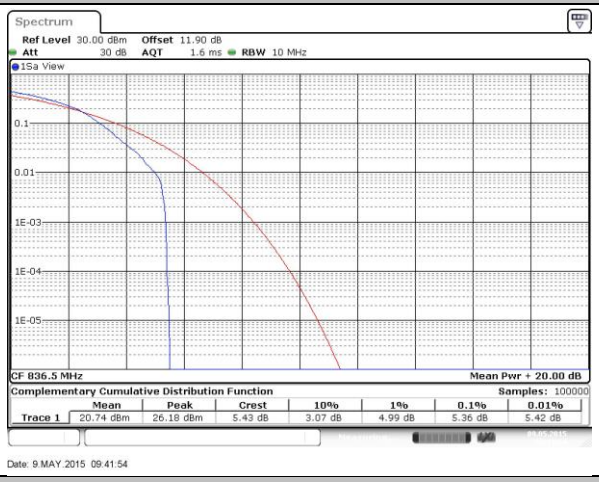
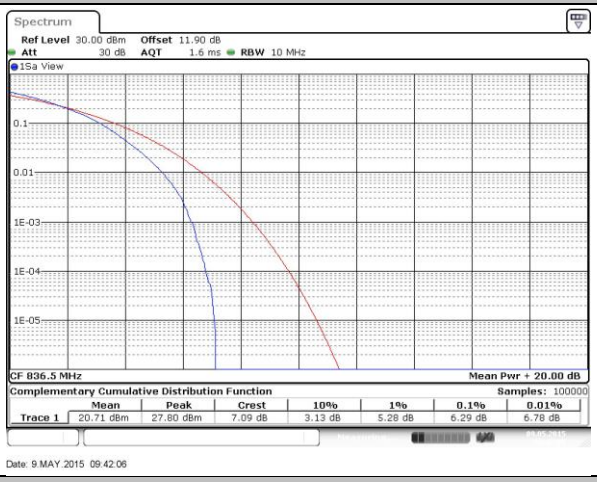
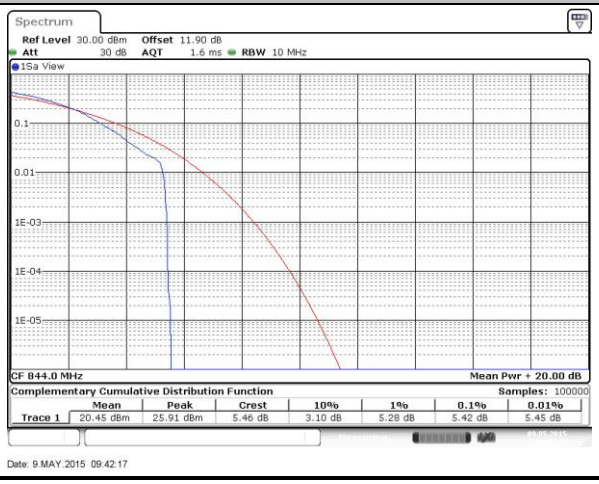
1. Normal Voltage = 3.95V. ；Battery End Point (BEP) = 3.55 V.；Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

LTE Band 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.55	5.3	5.16	6.2	PASS
Middle CH	4.49	5.39	5.36	6.29	
Highest CH	4.55	5.33	5.42	6.14	

LTE Band 5 / 10MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

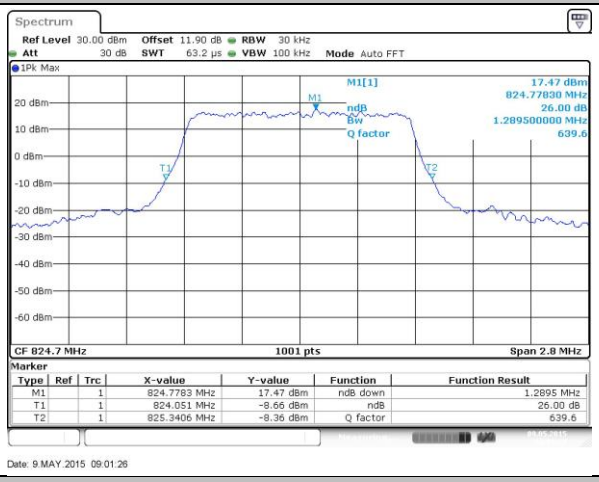
LTE Band 5 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

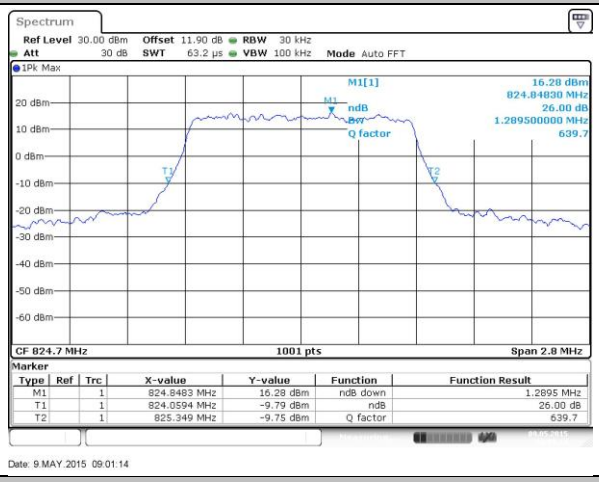
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.29	1.29	3.04	3.06	5.03	5.04	9.99	9.99	-	-	-	-
Middle CH	1.30	1.29	3.05	3.06	5.03	5.02	10.05	9.93	-	-	-	-
Highest CH	1.28	1.29	3.05	3.05	5.03	5.04	10.01	9.99	-	-	-	-

LTE Band 5

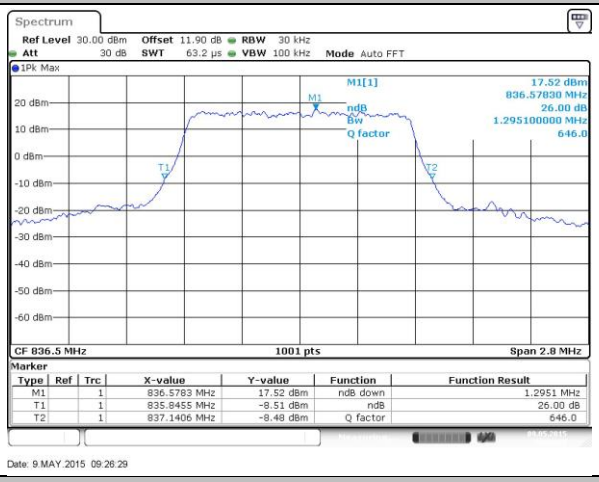
Lowest Channel / 1.4MHz / QPSK



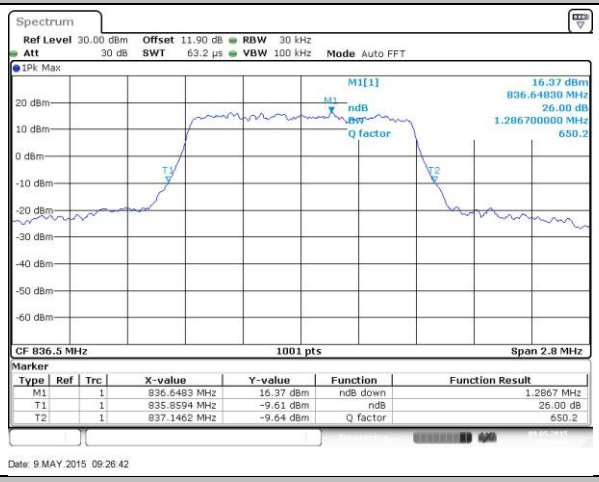
Lowest Channel / 1.4MHz / 16QAM



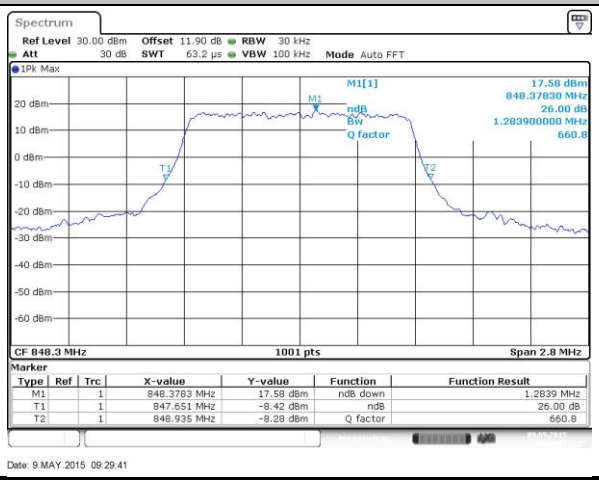
Middle Channel / 1.4MHz / QPSK



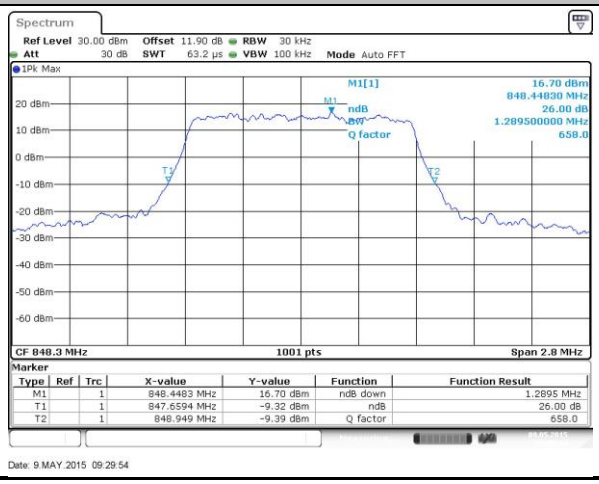
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

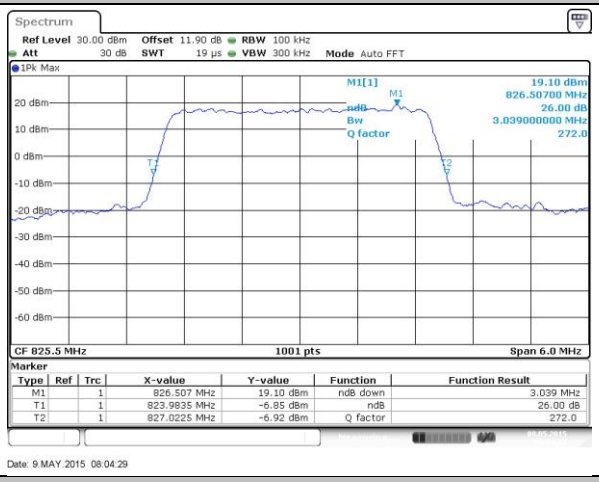


Highest Channel / 1.4MHz / 16QAM

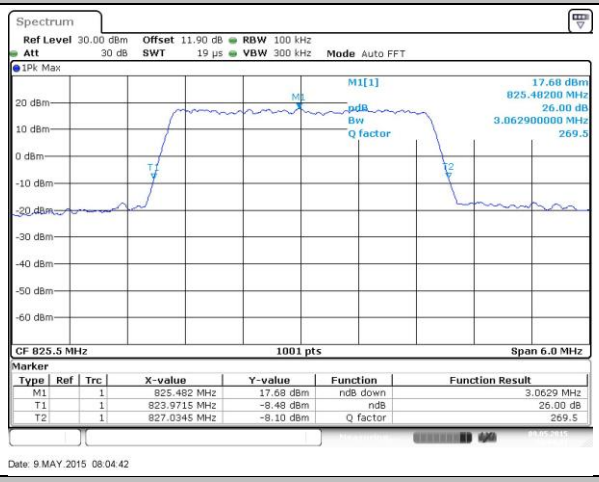


LTE Band 5

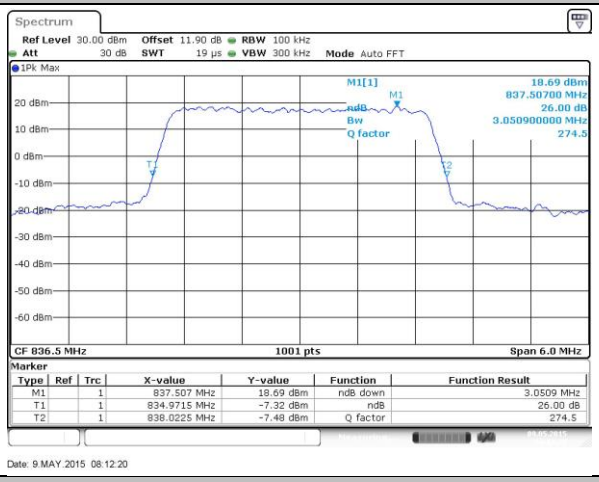
Lowest Channel / 3MHz / QPSK



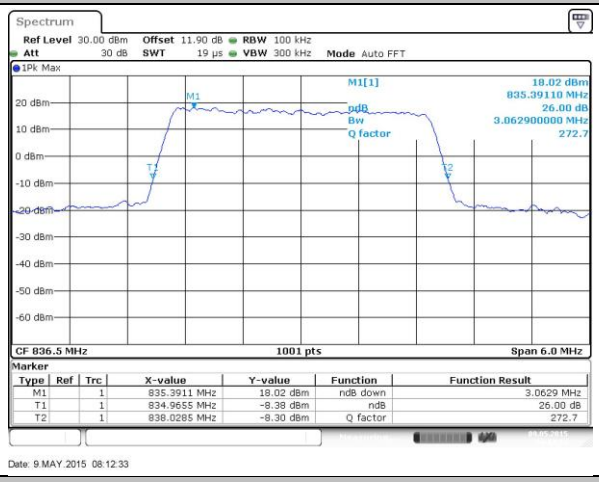
Lowest Channel / 3MHz / 16QAM



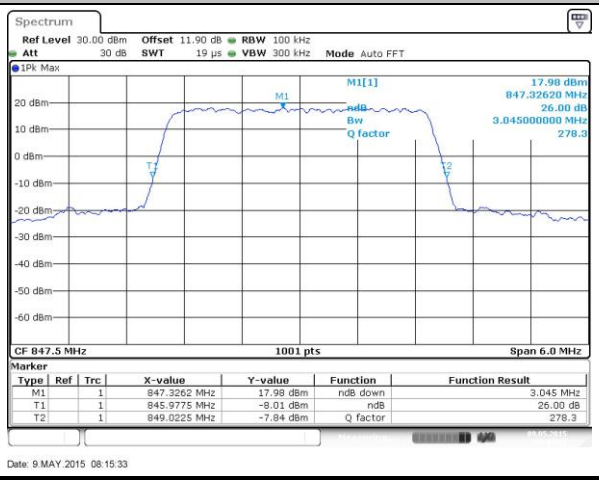
Middle Channel / 3MHz / QPSK



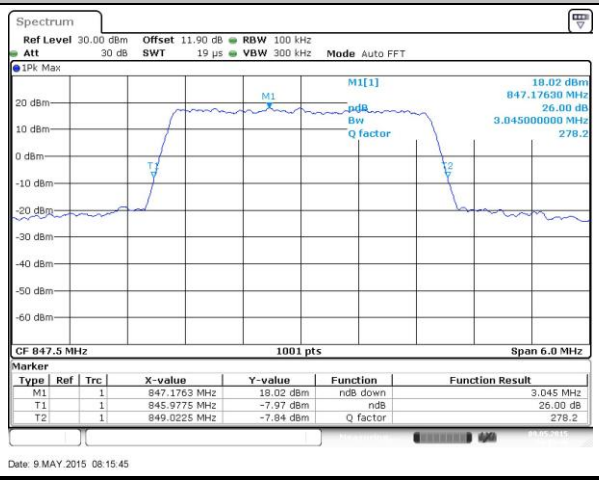
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

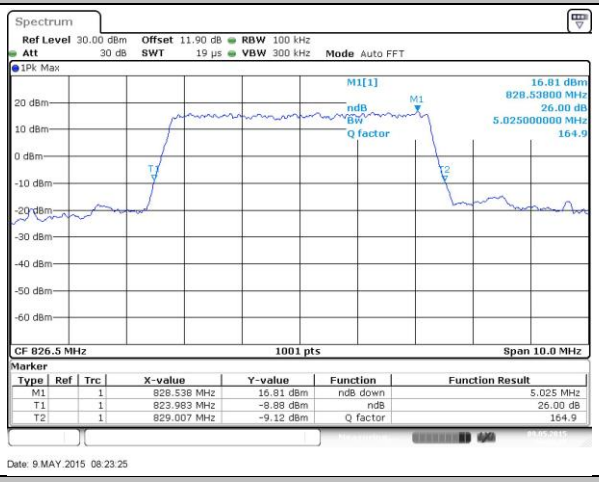


Highest Channel /3MHz / 16QAM

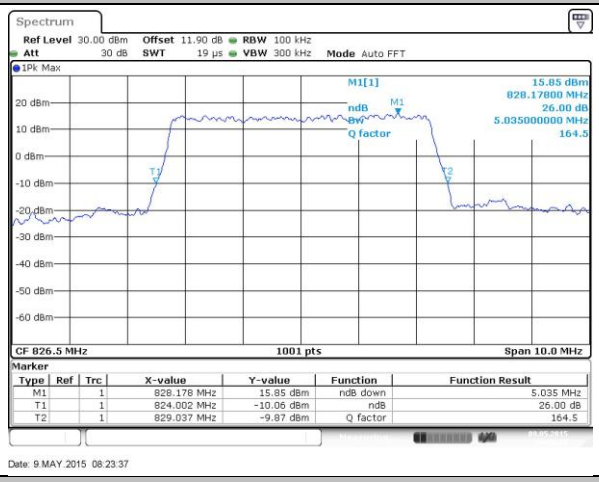


LTE Band 5

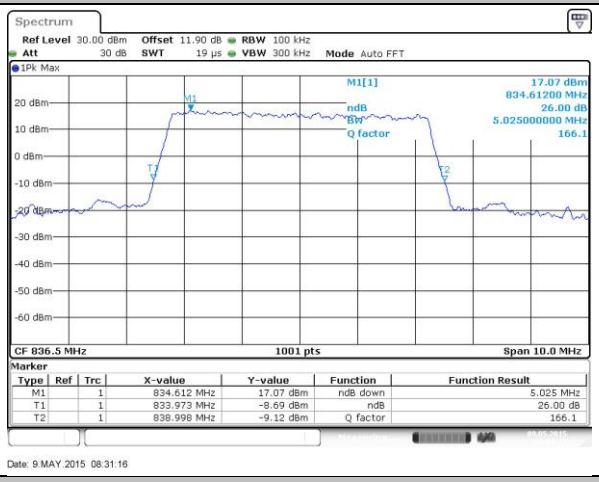
Lowest Channel / 5MHz / QPSK



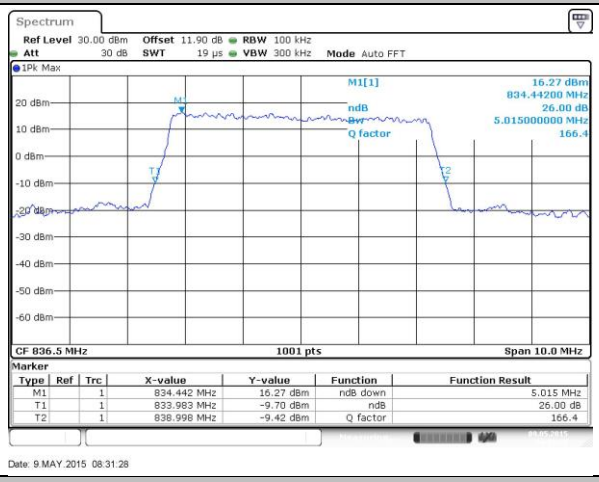
Lowest Channel / 5MHz / 16QAM



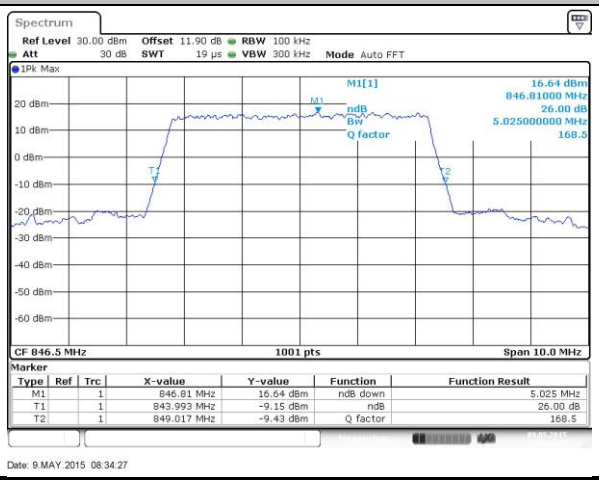
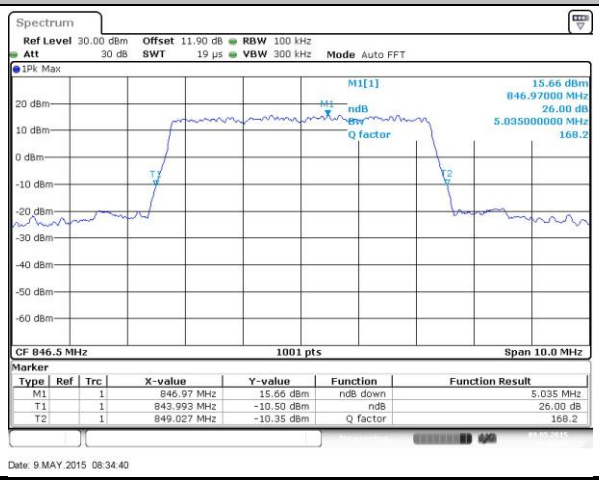
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM