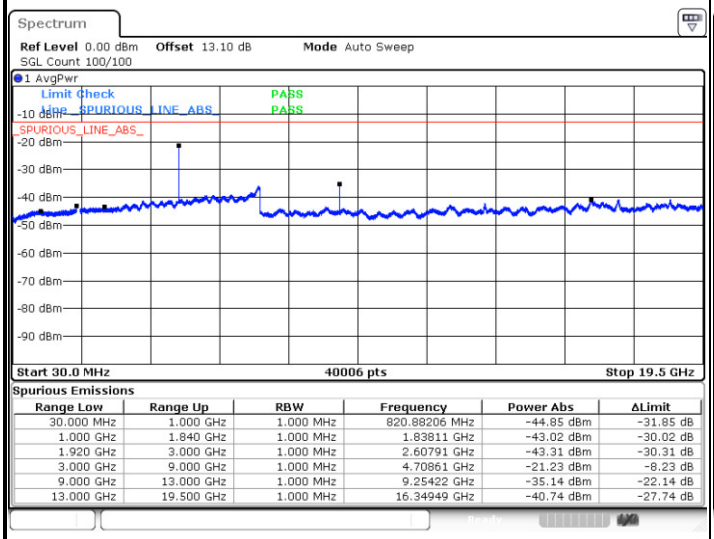
LTE Band 2 / 15MHz

Lowest Channel / QPSK

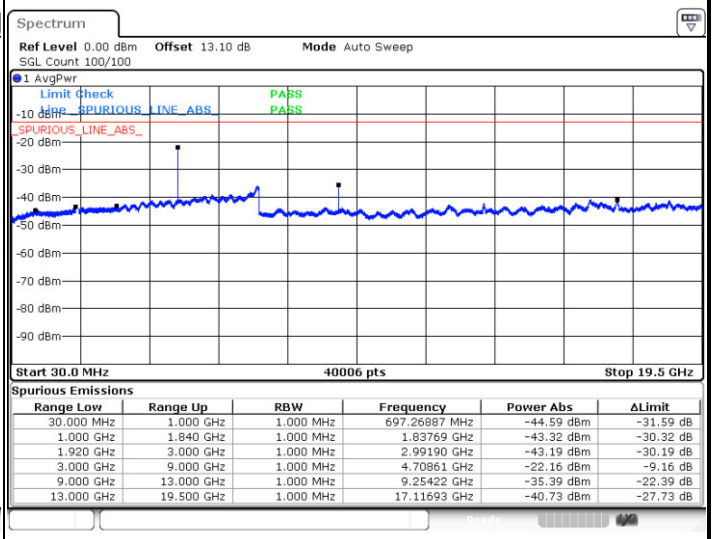


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	820.88206 MHz	-44.85 dBm	-31.85 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-43.02 dBm	-30.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.60791 GHz	-43.31 dBm	-30.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.70861 GHz	-21.23 dBm	-8.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25422 GHz	-35.14 dBm	-22.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.34949 GHz	-40.74 dBm	-27.74 dB

Date: 18.FEB.2018 01:54:37

Lowest Channel / 16QAM

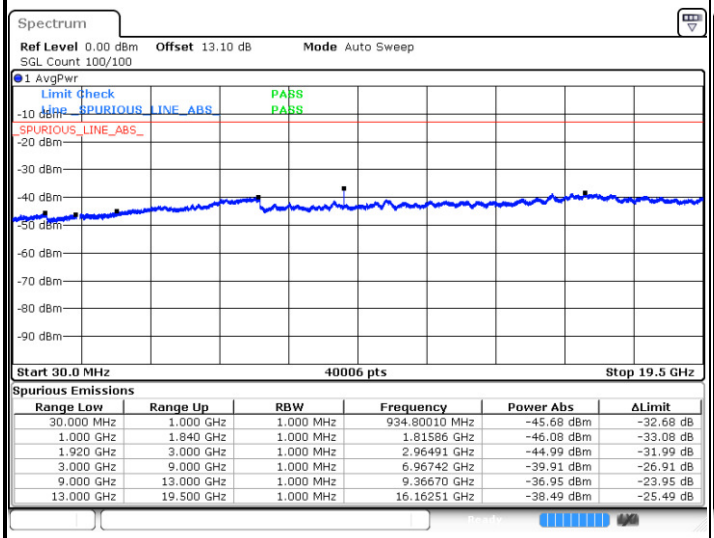


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	697.26887 MHz	-44.59 dBm	-31.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-43.32 dBm	-30.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-43.19 dBm	-30.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.70861 GHz	-22.16 dBm	-9.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25422 GHz	-35.39 dBm	-22.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.11693 GHz	-40.73 dBm	-27.73 dB

Date: 18.FEB.2018 01:55:35

Middle Channel / QPSK

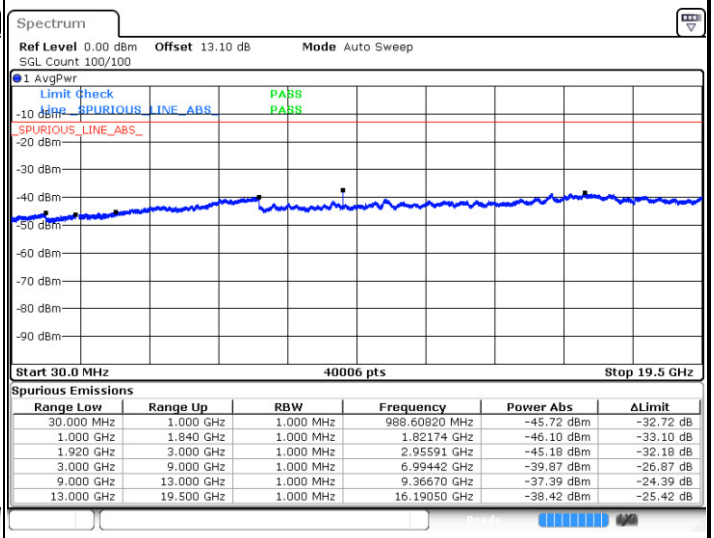


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.80010 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81586 GHz	-46.08 dBm	-33.08 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96491 GHz	-44.99 dBm	-31.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96742 GHz	-39.91 dBm	-26.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.36670 GHz	-36.95 dBm	-23.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16251 GHz	-38.49 dBm	-25.49 dB

Date: 27.FEB.2018 09:18:56

Middle Channel / 16QAM



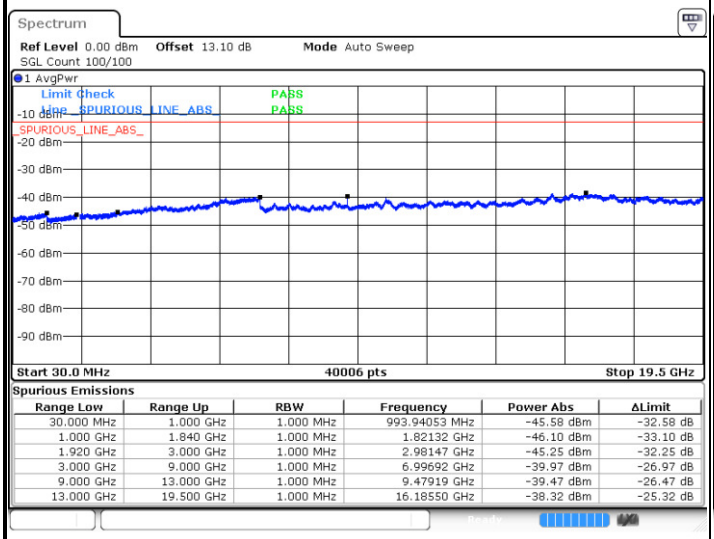
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-45.72 dBm	-32.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82174 GHz	-46.10 dBm	-33.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95591 GHz	-45.18 dBm	-32.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-39.87 dBm	-26.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.36670 GHz	-37.39 dBm	-24.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.19050 GHz	-38.42 dBm	-25.42 dB

Date: 27.FEB.2018 09:19:50

LTE Band 2 / 15MHz

Highest Channel / QPSK

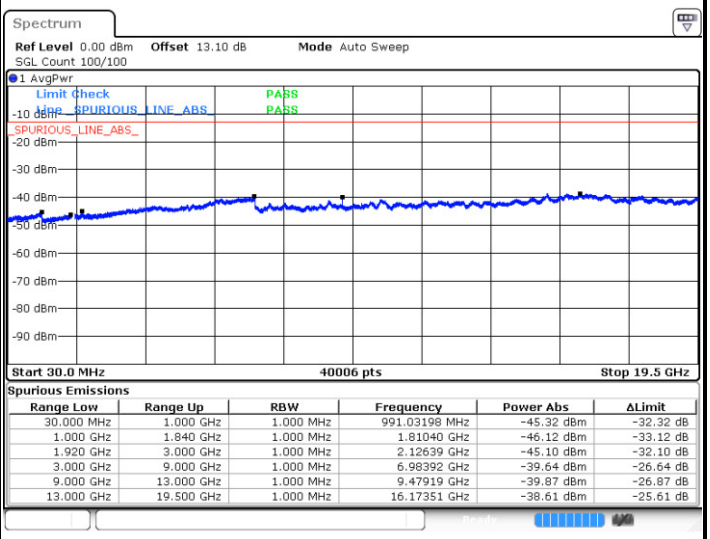


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82132 GHz	-46.10 dBm	-33.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98147 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-39.97 dBm	-26.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.47919 GHz	-39.47 dBm	-26.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18550 GHz	-38.32 dBm	-25.32 dB

Date: 27.FEB.2018 09:25:52

Highest Channel / 16QAM



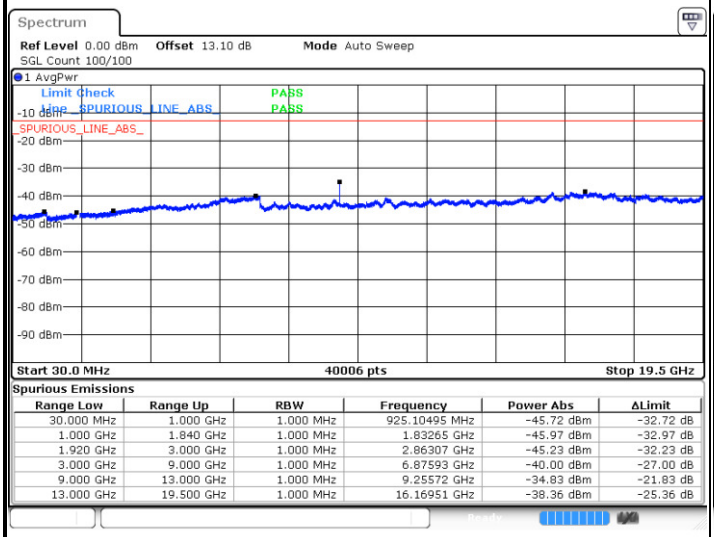
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-45.32 dBm	-32.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81040 GHz	-46.12 dBm	-33.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.12639 GHz	-45.10 dBm	-32.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98392 GHz	-39.64 dBm	-26.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.47919 GHz	-39.87 dBm	-26.87 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17351 GHz	-38.61 dBm	-25.61 dB

Date: 27.FEB.2018 09:26:46

LTE Band 2 / 20MHz

Lowest Channel / QPSK

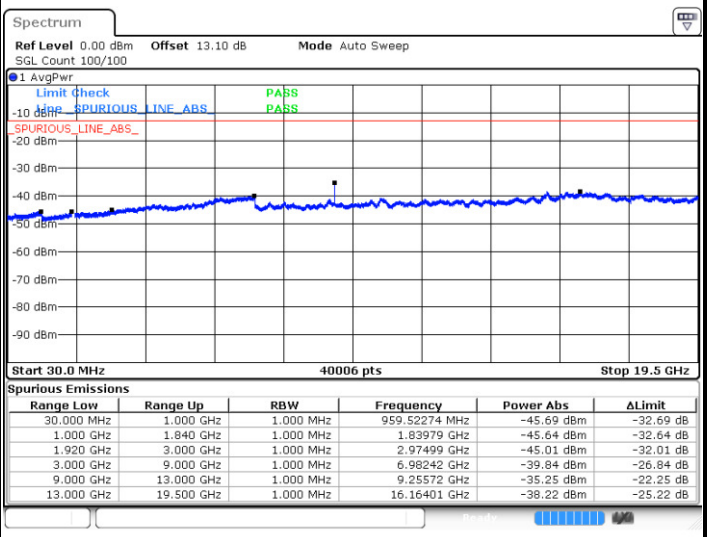


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-45.72 dBm	-32.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-45.97 dBm	-32.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86307 GHz	-45.23 dBm	-32.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87593 GHz	-40.00 dBm	-27.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25572 GHz	-34.83 dBm	-21.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16951 GHz	-38.36 dBm	-25.36 dB

Date: 27.FEB.2018 09:32:48

Lowest Channel / 16QAM



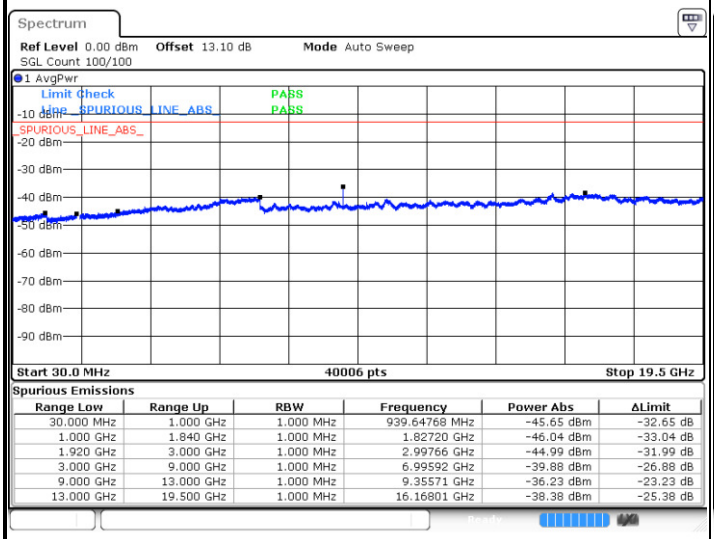
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-45.69 dBm	-32.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-45.64 dBm	-32.64 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97499 GHz	-45.01 dBm	-32.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98242 GHz	-39.84 dBm	-26.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25572 GHz	-35.25 dBm	-22.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16401 GHz	-38.22 dBm	-25.22 dB

Date: 27.FEB.2018 09:33:41

LTE Band 2 / 20MHz

Middle Channel / QPSK

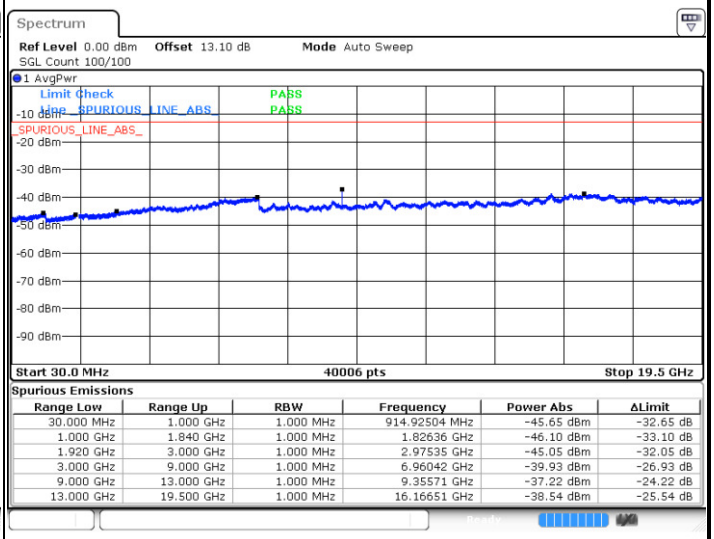


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82720 GHz	-46.04 dBm	-33.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99766 GHz	-44.99 dBm	-31.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-39.88 dBm	-26.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.35571 GHz	-36.23 dBm	-23.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16801 GHz	-38.38 dBm	-25.38 dB

Date: 27.FEB.2018 09:35:15

Middle Channel / 16QAM

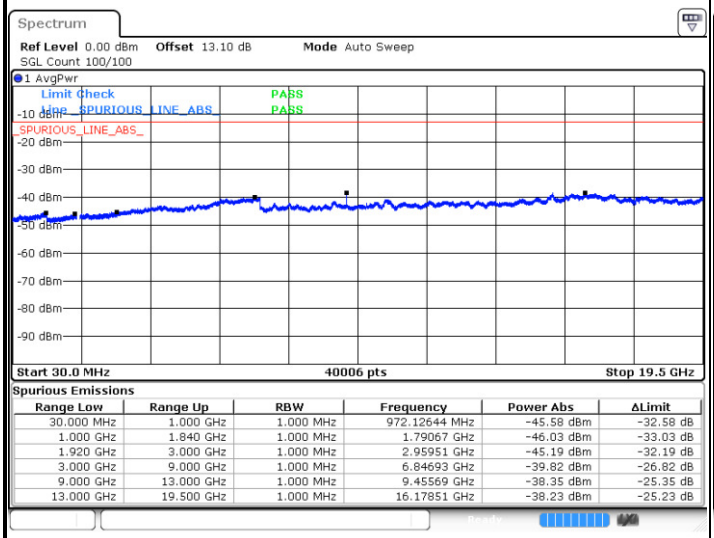


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-46.10 dBm	-33.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97535 GHz	-45.05 dBm	-32.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96042 GHz	-39.93 dBm	-26.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.35571 GHz	-37.22 dBm	-24.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16651 GHz	-38.54 dBm	-25.54 dB

Date: 27.FEB.2018 09:36:08

Highest Channel / QPSK

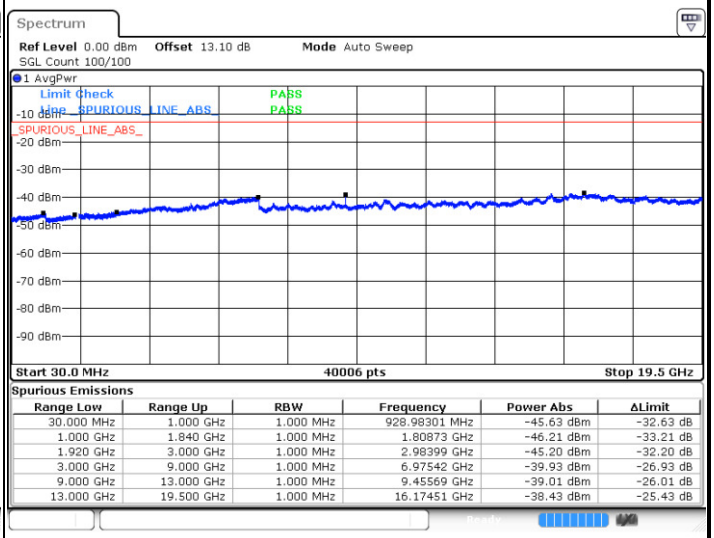


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79067 GHz	-46.03 dBm	-33.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95951 GHz	-45.19 dBm	-32.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84693 GHz	-39.82 dBm	-26.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.45569 GHz	-38.35 dBm	-25.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17851 GHz	-38.23 dBm	-25.23 dB

Date: 27.FEB.2018 09:42:10

Highest Channel / 16QAM



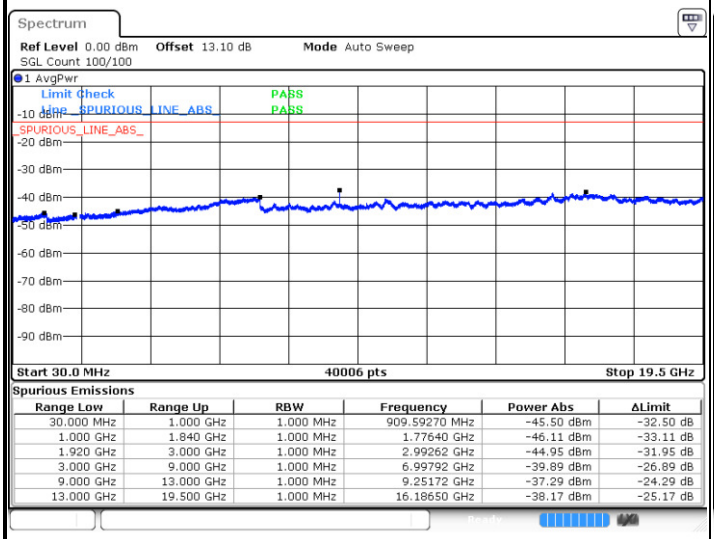
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-45.63 dBm	-32.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80873 GHz	-46.21 dBm	-33.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98399 GHz	-45.20 dBm	-32.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97542 GHz	-39.93 dBm	-26.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.45569 GHz	-39.01 dBm	-26.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17451 GHz	-38.43 dBm	-25.43 dB

Date: 27.FEB.2018 09:43:04

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

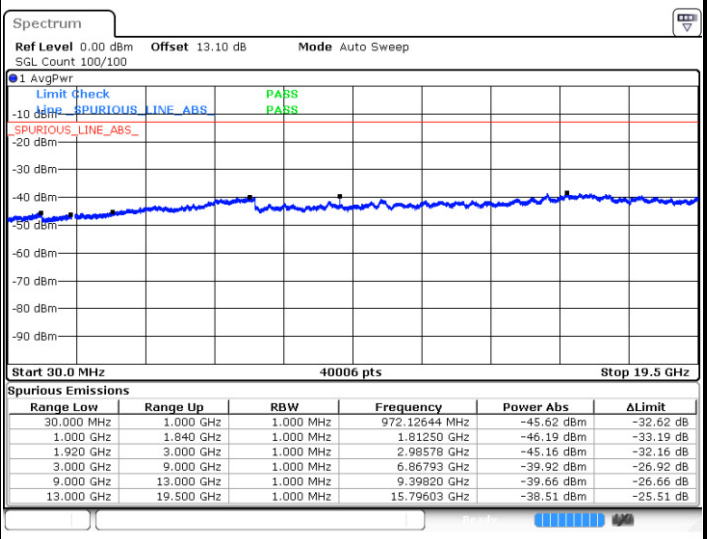


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-45.50 dBm	-32.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77640 GHz	-46.11 dBm	-33.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99262 GHz	-44.95 dBm	-31.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-39.89 dBm	-26.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25172 GHz	-37.29 dBm	-24.29 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18650 GHz	-38.17 dBm	-25.17 dB

Date: 27.FEB.2018 10:31:33

Middle Channel / 64QAM

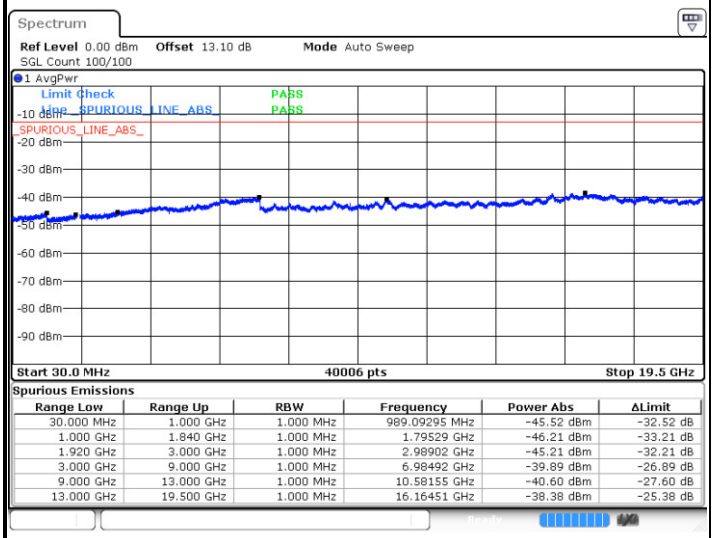


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81250 GHz	-46.19 dBm	-33.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98578 GHz	-45.16 dBm	-32.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86793 GHz	-39.92 dBm	-26.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.39820 GHz	-39.66 dBm	-26.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79603 GHz	-38.51 dBm	-25.51 dB

Date: 27.FEB.2018 10:32:47

Highest Channel / 64QAM



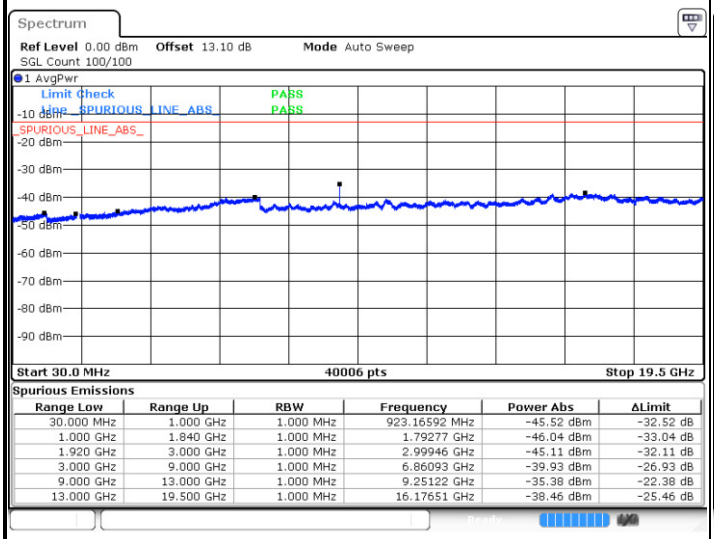
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-45.52 dBm	-32.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79529 GHz	-46.21 dBm	-33.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98902 GHz	-45.21 dBm	-32.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98492 GHz	-39.89 dBm	-26.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58155 GHz	-40.60 dBm	-27.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16451 GHz	-38.38 dBm	-25.38 dB

Date: 27.FEB.2018 10:36:15

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

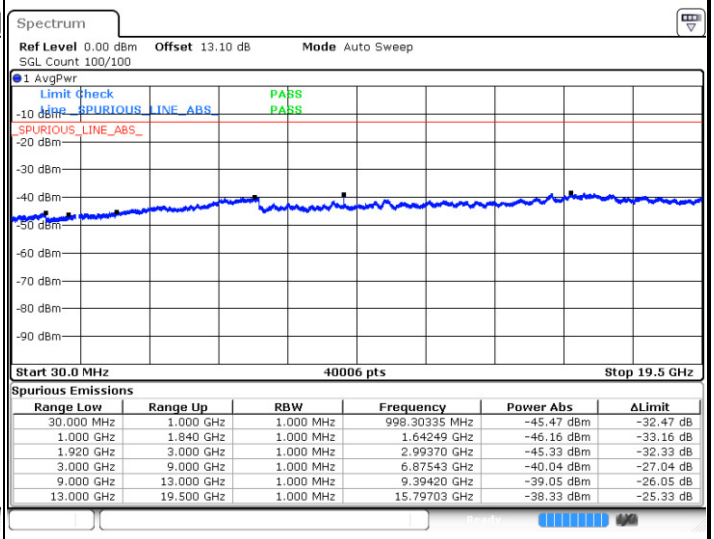


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.16592 MHz	-45.52 dBm	-32.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79277 GHz	-46.04 dBm	-33.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-45.11 dBm	-32.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86093 GHz	-39.93 dBm	-26.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25122 GHz	-35.38 dBm	-22.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17651 GHz	-38.46 dBm	-25.46 dB

Date: 27.FEB.2018 09:49:03

Middle Channel / 64QAM

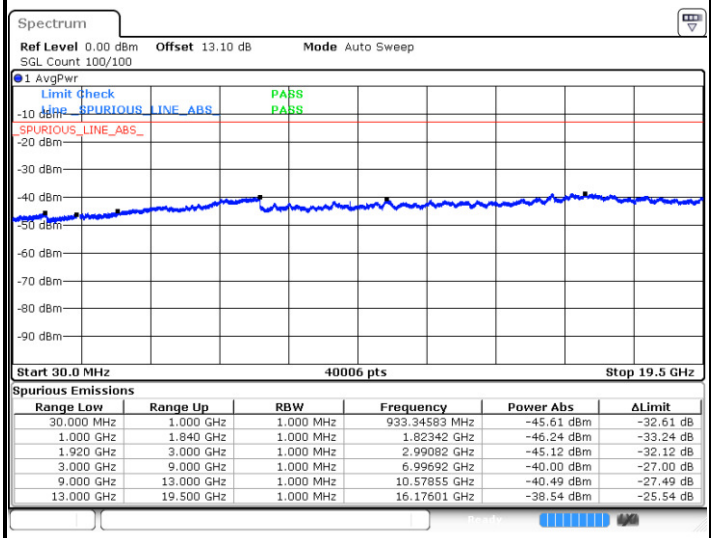


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-45.47 dBm	-32.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64249 GHz	-46.16 dBm	-33.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-45.33 dBm	-32.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87543 GHz	-40.04 dBm	-27.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.39420 GHz	-39.05 dBm	-26.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79703 GHz	-38.33 dBm	-25.33 dB

Date: 27.FEB.2018 09:50:16

Highest Channel / 64QAM



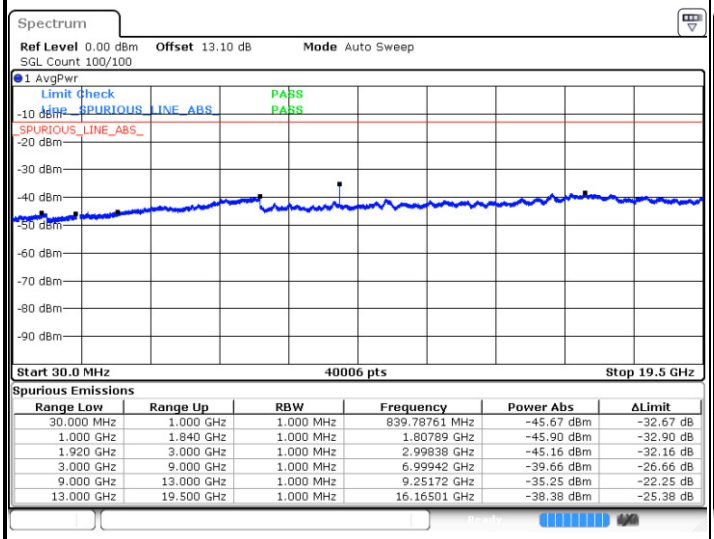
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-45.61 dBm	-32.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-46.24 dBm	-33.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-45.12 dBm	-32.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-40.00 dBm	-27.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57855 GHz	-40.49 dBm	-27.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17601 GHz	-38.54 dBm	-25.54 dB

Date: 27.FEB.2018 09:53:44

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

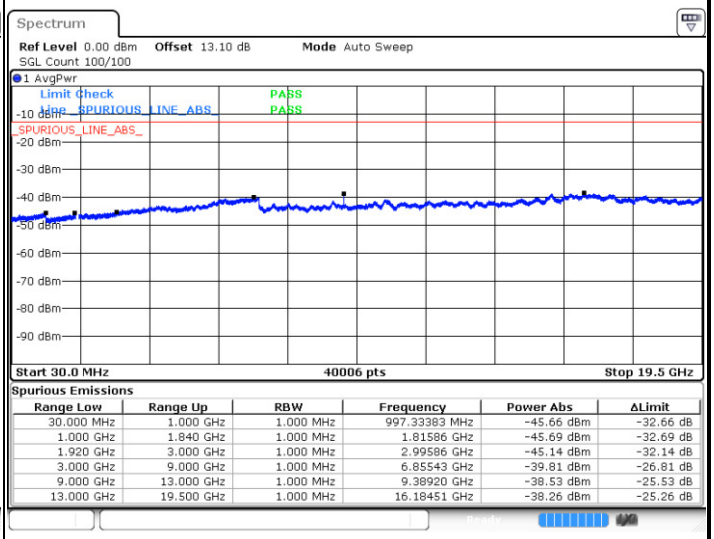


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	839.78761 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80789 GHz	-45.90 dBm	-32.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-45.16 dBm	-32.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-39.66 dBm	-26.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25172 GHz	-35.25 dBm	-22.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16501 GHz	-38.38 dBm	-25.38 dB

Date: 27.FEB.2018 09:57:12

Middle Channel / 64QAM

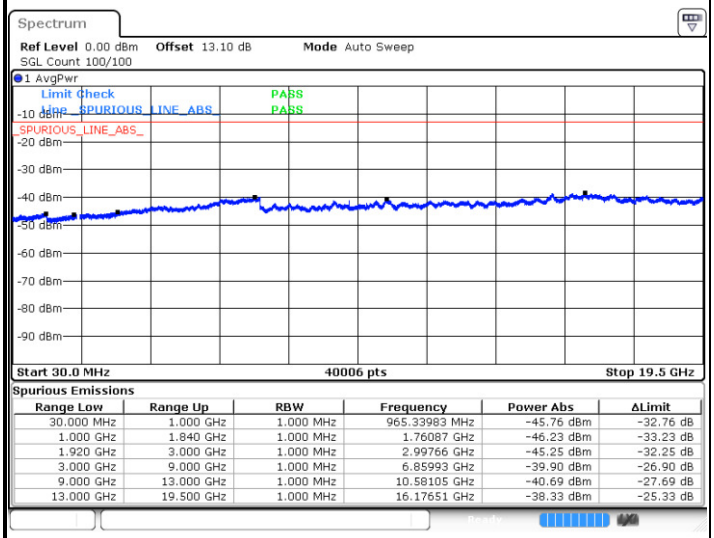


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-45.66 dBm	-32.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81586 GHz	-45.69 dBm	-32.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-45.14 dBm	-32.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85543 GHz	-39.81 dBm	-26.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.38920 GHz	-38.53 dBm	-25.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18451 GHz	-38.26 dBm	-25.26 dB

Date: 27.FEB.2018 09:58:25

Highest Channel / 64QAM



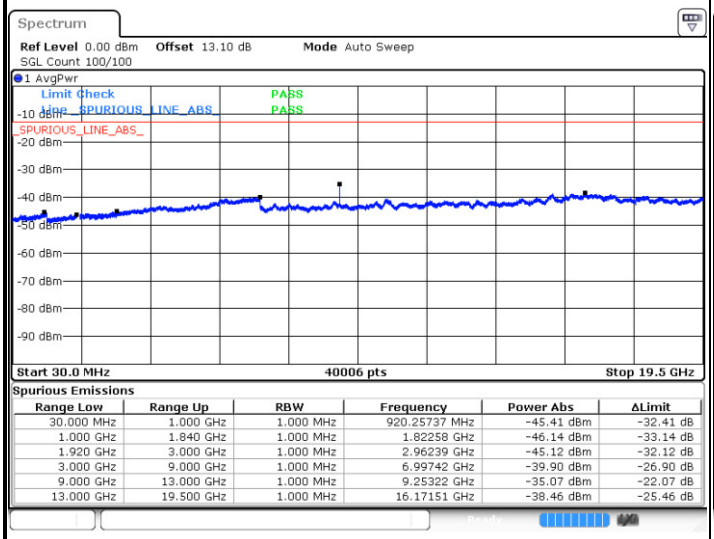
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-45.76 dBm	-32.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76087 GHz	-46.23 dBm	-33.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99766 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85993 GHz	-39.90 dBm	-26.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58105 GHz	-40.69 dBm	-27.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17651 GHz	-38.33 dBm	-25.33 dB

Date: 27.FEB.2018 10:01:53

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

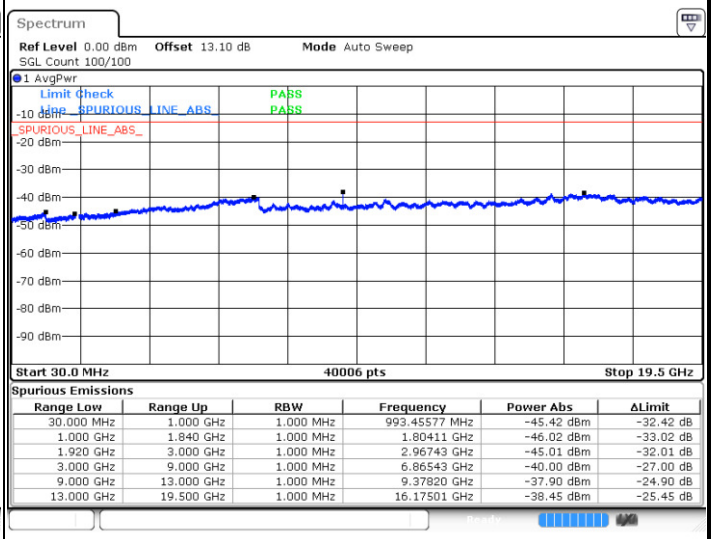


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-45.41 dBm	-32.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82258 GHz	-46.14 dBm	-33.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96239 GHz	-45.12 dBm	-32.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-39.90 dBm	-26.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25322 GHz	-35.07 dBm	-22.07 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17151 GHz	-38.46 dBm	-25.46 dB

Date: 27.FEB.2018 10:05:21

Middle Channel / 64QAM

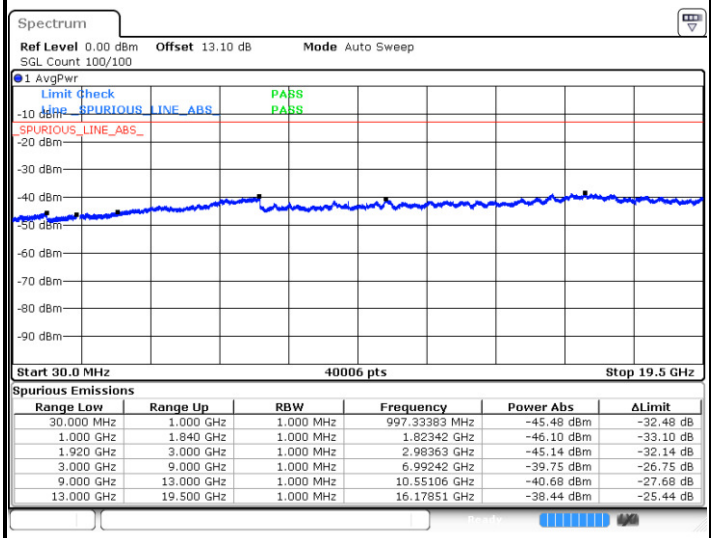


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-45.42 dBm	-32.42 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80411 GHz	-46.02 dBm	-33.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96743 GHz	-45.01 dBm	-32.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86543 GHz	-40.00 dBm	-27.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.37820 GHz	-37.90 dBm	-24.90 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17501 GHz	-38.45 dBm	-25.45 dB

Date: 27.FEB.2018 10:06:34

Highest Channel / 64QAM



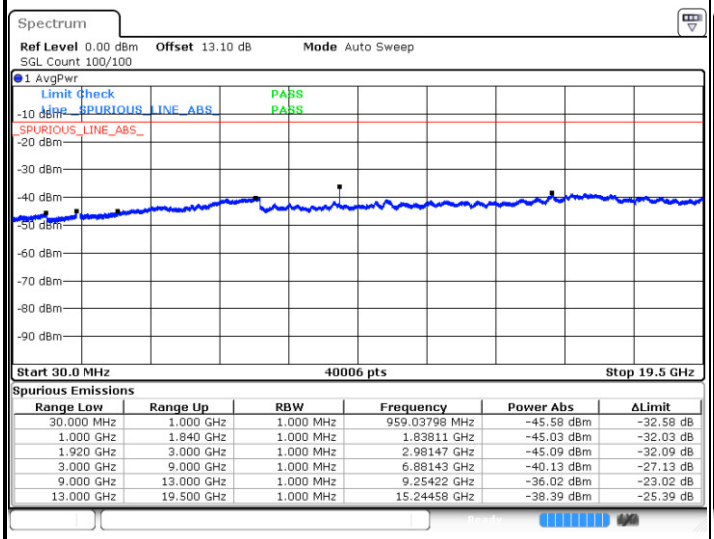
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-45.48 dBm	-32.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-46.10 dBm	-33.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98363 GHz	-45.14 dBm	-32.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-39.75 dBm	-26.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55106 GHz	-40.68 dBm	-27.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17851 GHz	-38.44 dBm	-25.44 dB

Date: 27.FEB.2018 10:10:02

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

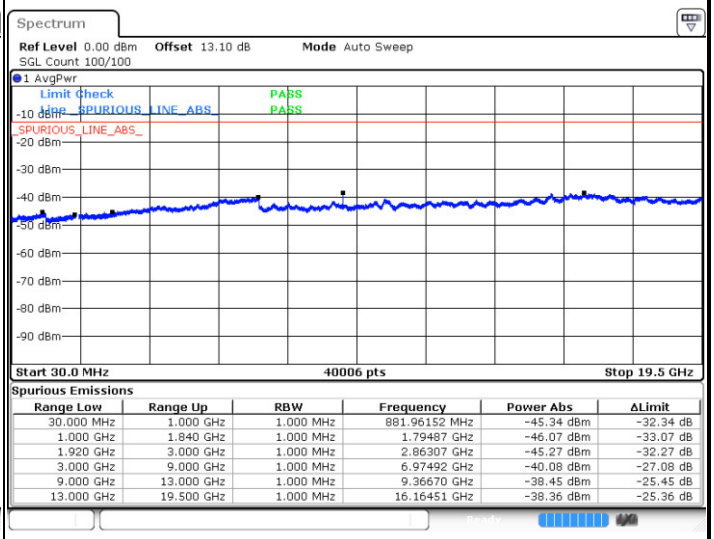


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-45.03 dBm	-32.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98147 GHz	-45.09 dBm	-32.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88143 GHz	-40.13 dBm	-27.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25422 GHz	-36.02 dBm	-23.02 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.24458 GHz	-38.39 dBm	-25.39 dB

Date: 27.FEB.2018 10:13:30

Middle Channel / 64QAM

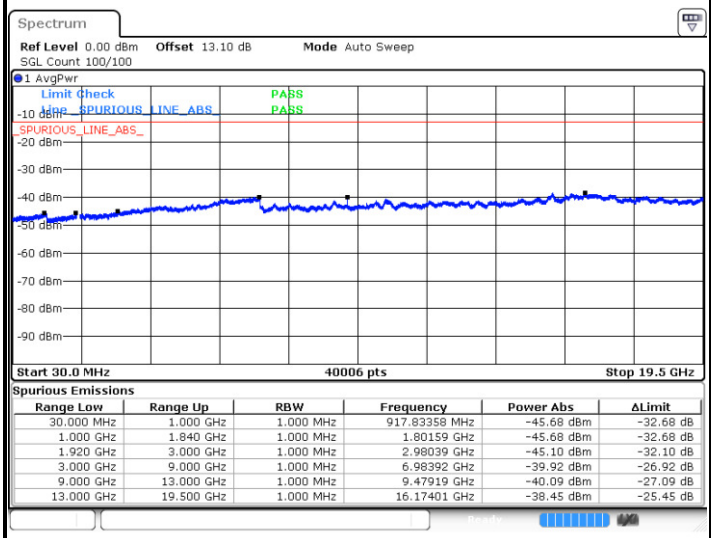


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-45.34 dBm	-32.34 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79487 GHz	-46.07 dBm	-33.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86307 GHz	-45.27 dBm	-32.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97492 GHz	-40.08 dBm	-27.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.36670 GHz	-38.45 dBm	-25.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16451 GHz	-38.36 dBm	-25.36 dB

Date: 27.FEB.2018 10:14:43

Highest Channel / 64QAM



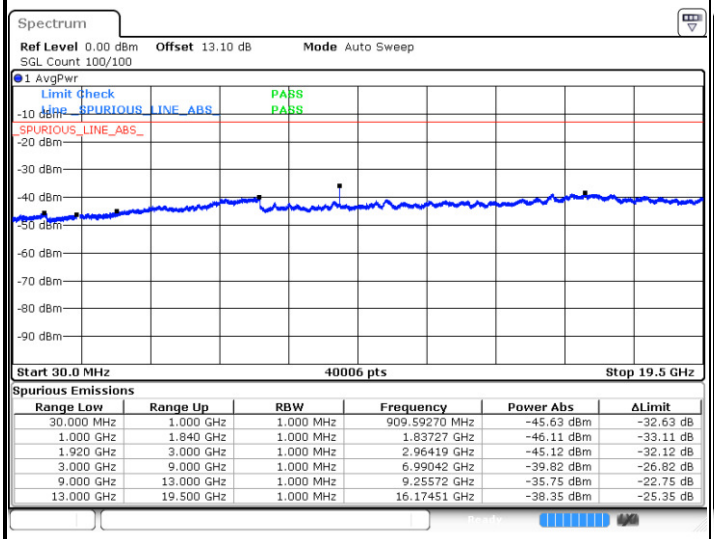
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80159 GHz	-45.68 dBm	-32.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98039 GHz	-45.10 dBm	-32.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98392 GHz	-39.92 dBm	-26.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.47919 GHz	-40.09 dBm	-27.09 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17401 GHz	-38.45 dBm	-25.45 dB

Date: 27.FEB.2018 10:18:11

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

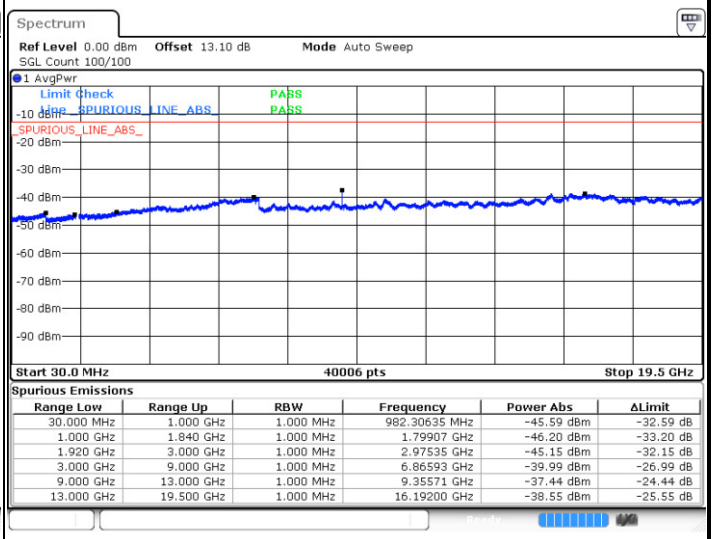


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-45.63 dBm	-32.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-46.11 dBm	-33.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96419 GHz	-45.12 dBm	-32.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-39.82 dBm	-26.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25572 GHz	-35.75 dBm	-22.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17451 GHz	-38.35 dBm	-25.35 dB

Date: 27.FEB.2018 10:21:39

Middle Channel / 64QAM

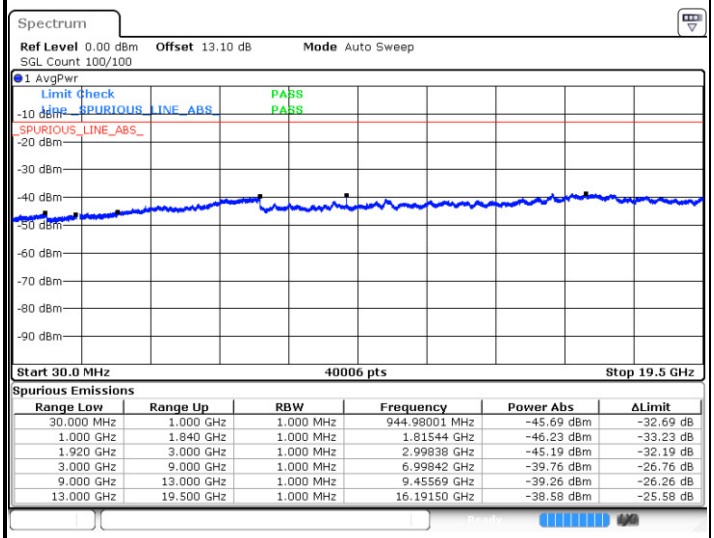


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79907 GHz	-46.20 dBm	-33.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97535 GHz	-45.15 dBm	-32.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86593 GHz	-39.99 dBm	-26.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.35571 GHz	-37.44 dBm	-24.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.19200 GHz	-38.55 dBm	-25.55 dB

Date: 27.FEB.2018 10:22:53

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-45.69 dBm	-32.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81544 GHz	-46.23 dBm	-33.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-45.19 dBm	-32.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-39.76 dBm	-26.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.45569 GHz	-39.26 dBm	-26.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.19150 GHz	-38.58 dBm	-25.58 dB

Date: 27.FEB.2018 10:26:20

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	0.0082	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0052	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0050	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

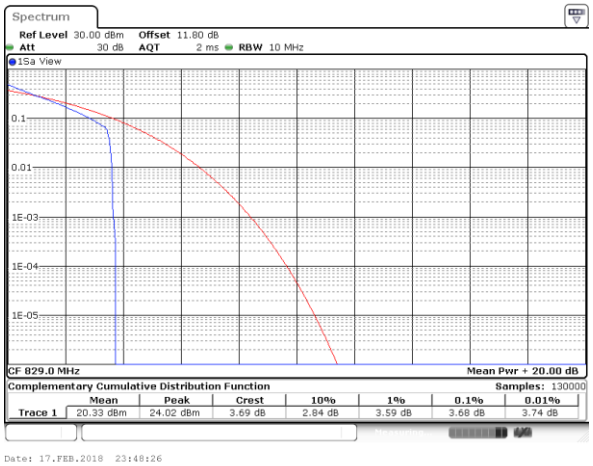
LTE Band 5

Peak-to-Average Ratio

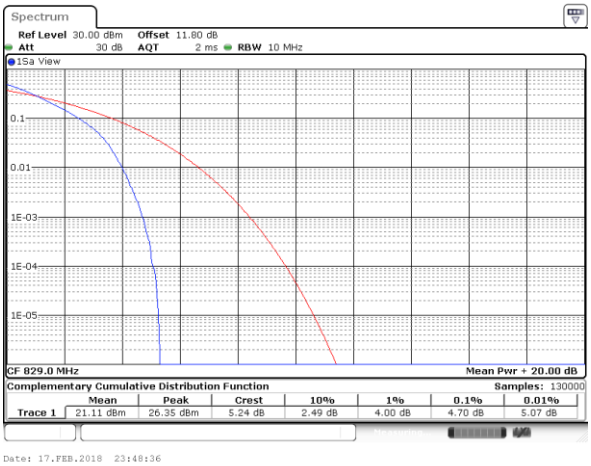
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.68	4.7	5.57	5.91	PASS
Middle CH	3.65	4.75	5.59	5.88	
Highest CH	3.83	4.7	5.33	5.91	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.28	6.00			PASS
Middle CH	5.54	6.00			
Highest CH	5.48	5.88			

LTE Band 5 / 10MHz / QPSK

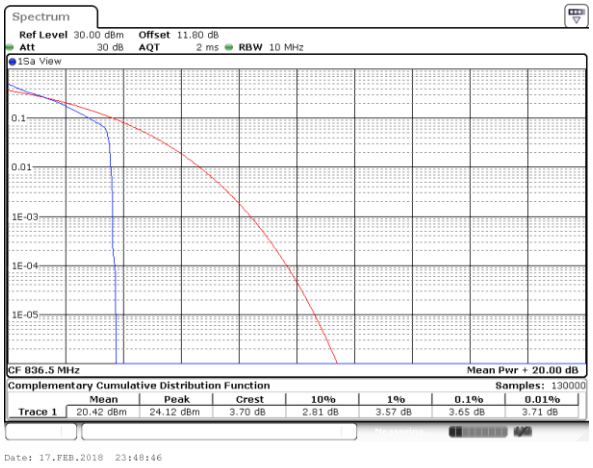
Lowest Channel / 1RB



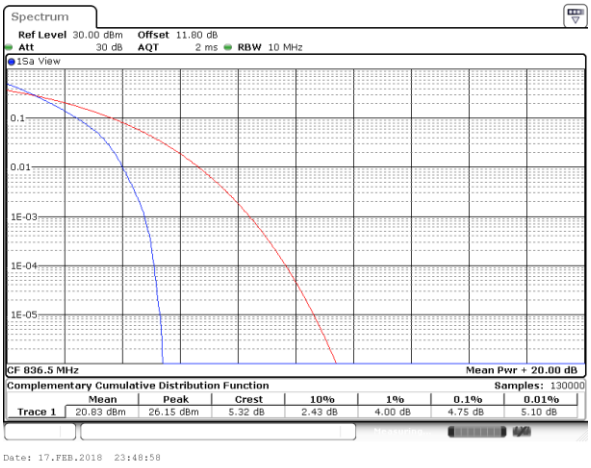
Lowest Channel / Full RB



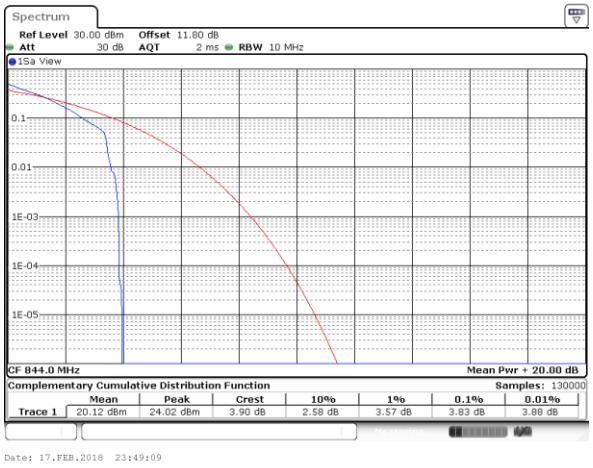
Middle Channel / 1RB



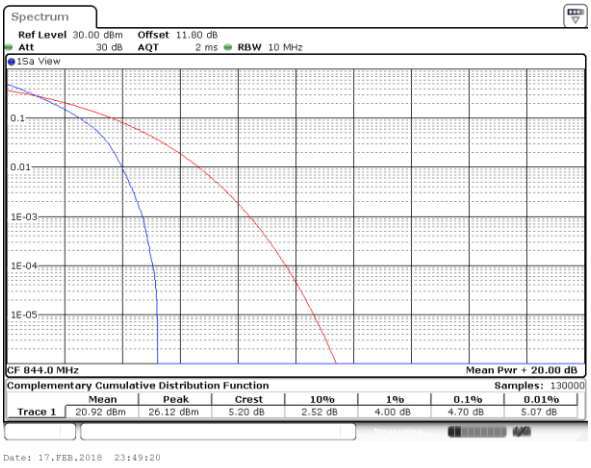
Middle Channel / Full RB



Highest Channel / 1RB

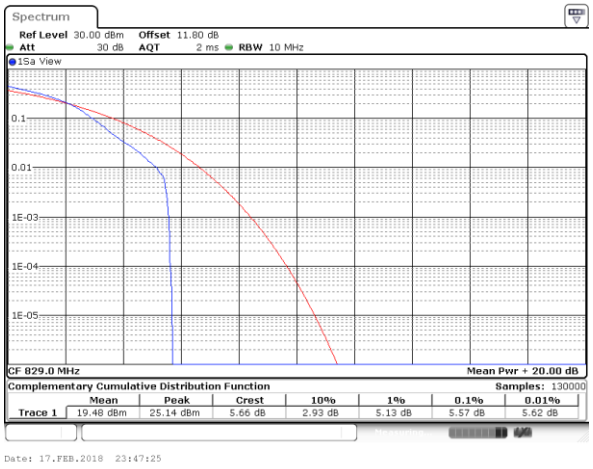


Highest Channel / Full RB

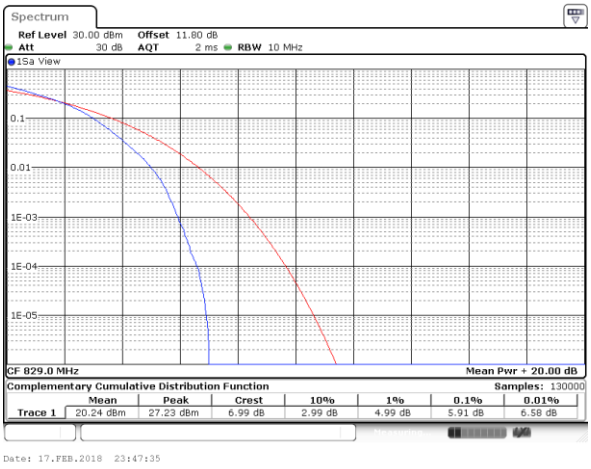


LTE Band 5 / 10MHz / 16QAM

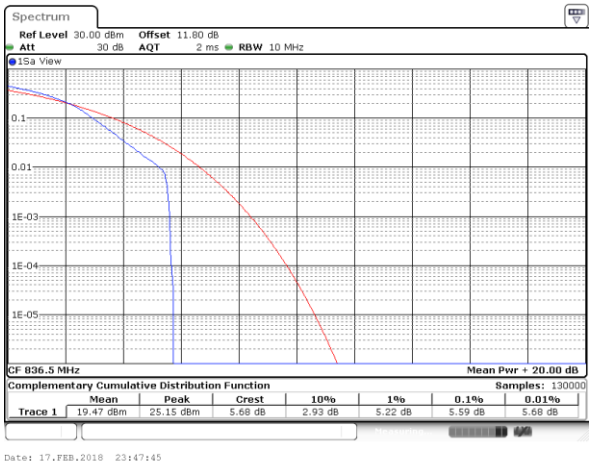
Lowest Channel / 1RB



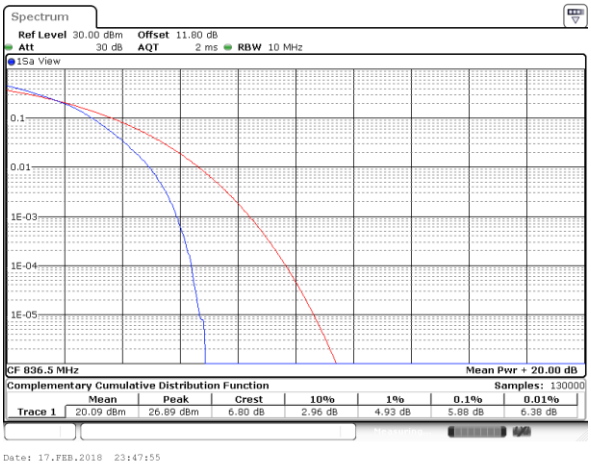
Lowest Channel / Full RB



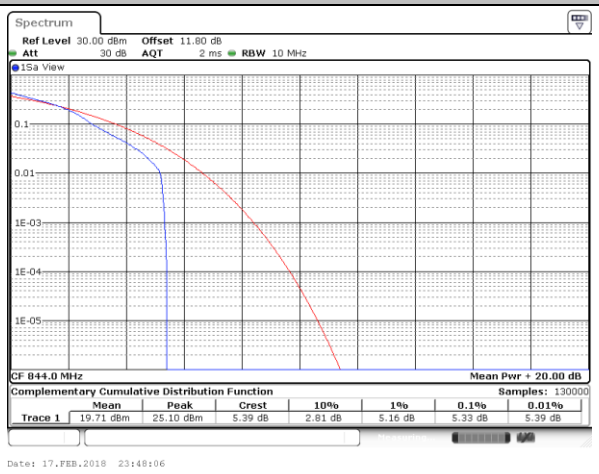
Middle Channel / 1RB



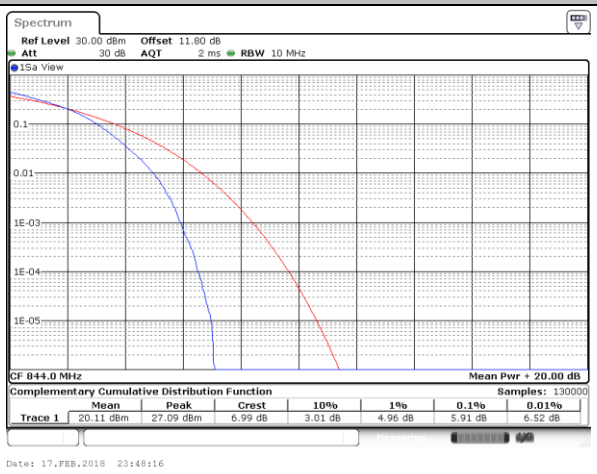
Middle Channel / Full RB



Highest Channel / 1RB

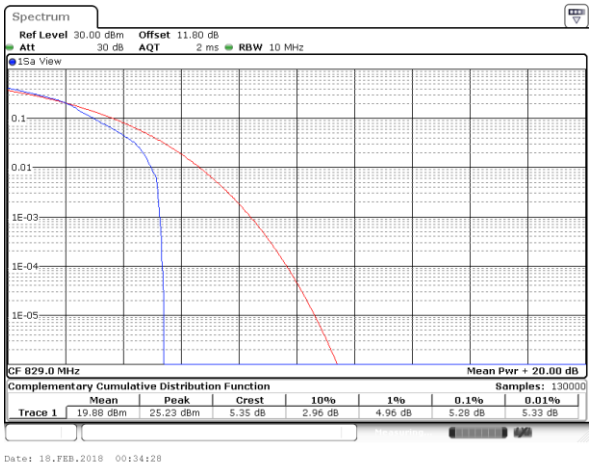


Highest Channel / Full RB

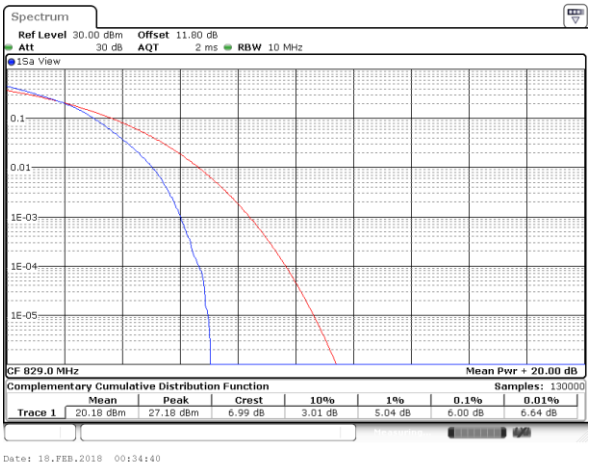


LTE Band 5 / 10MHz / 64QAM

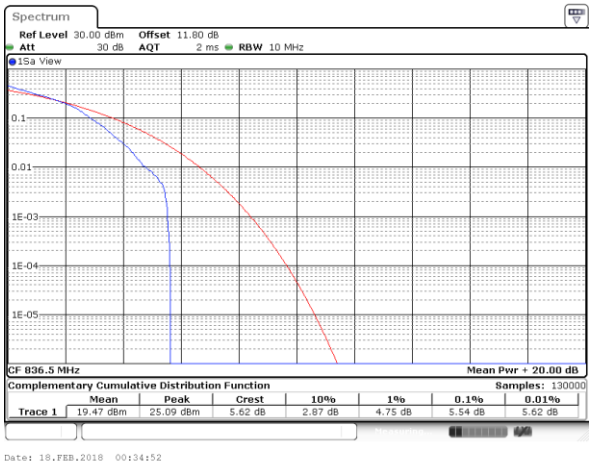
Lowest Channel / 1RB



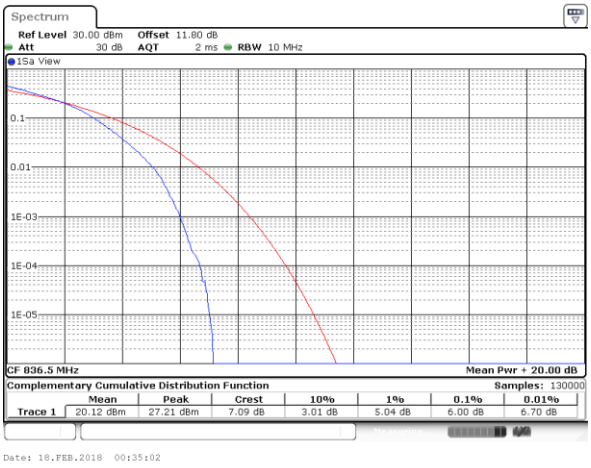
Lowest Channel / Full RB



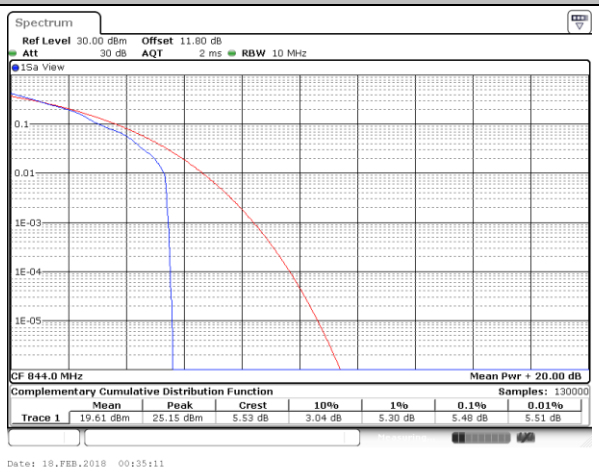
Middle Channel / 1RB



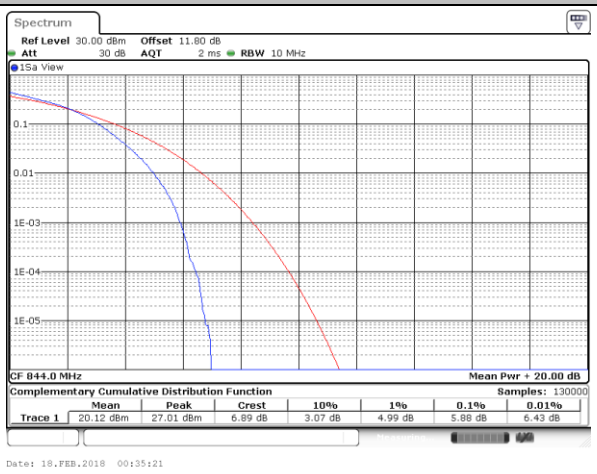
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

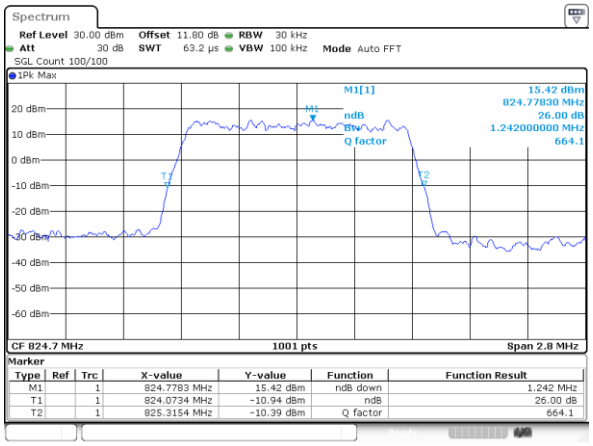


26dB Bandwidth

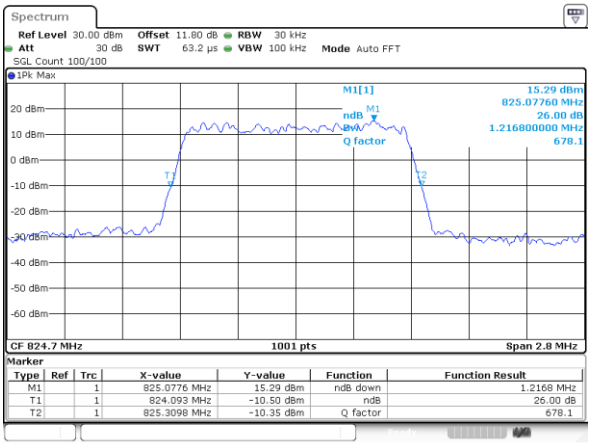
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.22	3.08	3.01	4.93	4.90	9.77	9.83	-	-	-	-
Middle CH	1.22	1.24	3.05	3.04	4.92	4.98	9.89	9.71	-	-	-	-
Highest CH	1.23	1.23	3.04	3.04	4.93	4.82	9.83	9.85	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.21	-	3.05	-	4.89	-	9.63	-	-	-	-
Middle CH	-	1.22	-	3.03	-	4.89	-	9.81	-	-	-	-
Highest CH	-	1.23	-	3.04	-	4.89	-	9.69	-	-	-	-

LTE Band 5

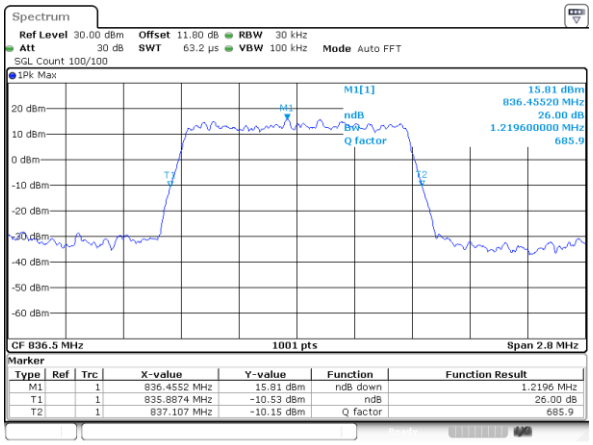
Lowest Channel / 1.4MHz / QPSK



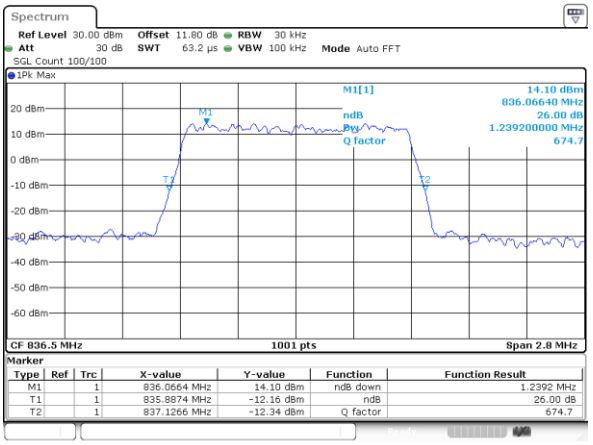
Lowest Channel / 1.4MHz / 16QAM



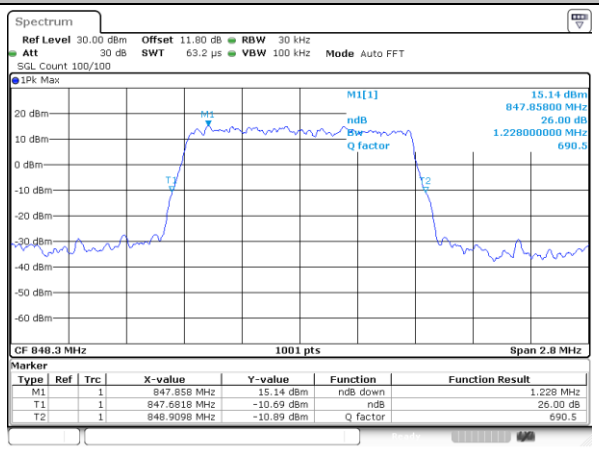
Middle Channel / 1.4MHz / QPSK



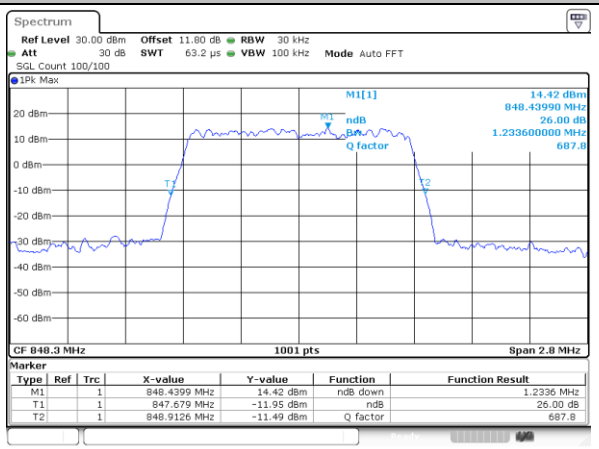
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

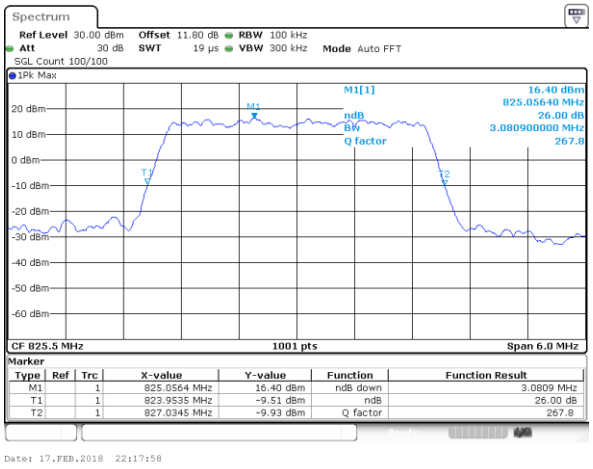


Highest Channel / 1.4MHz / 16QAM

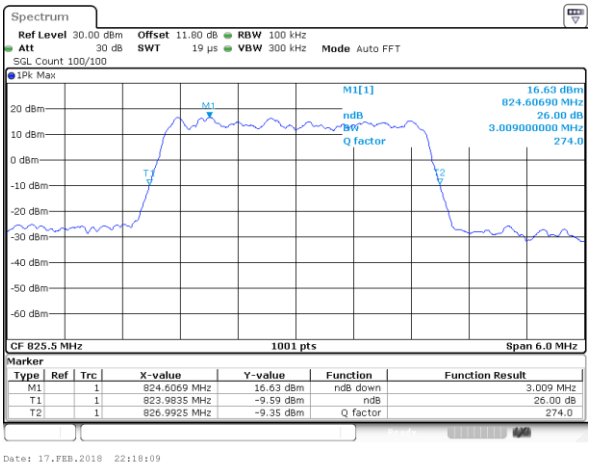


LTE Band 5

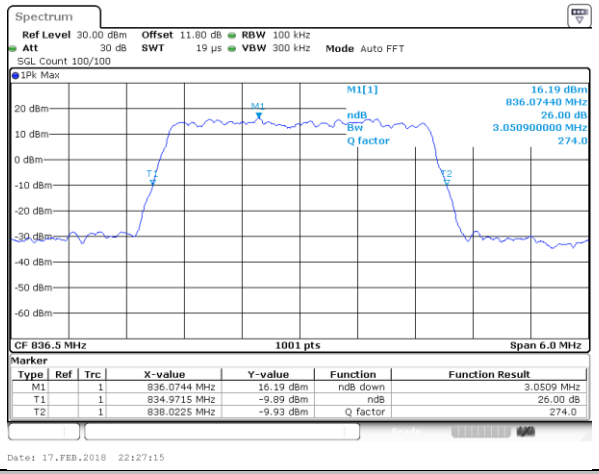
Lowest Channel / 3MHz / QPSK



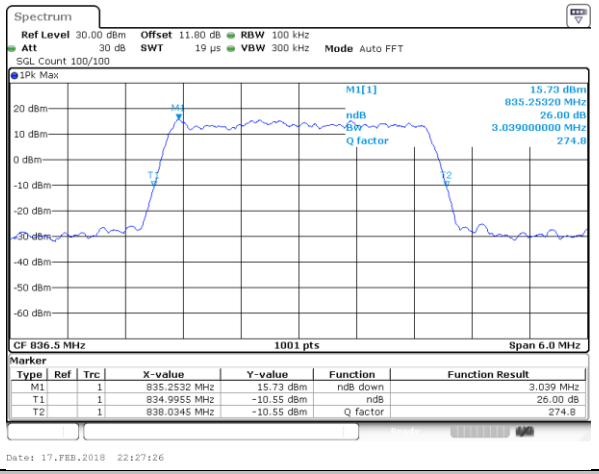
Lowest Channel / 3MHz / 16QAM



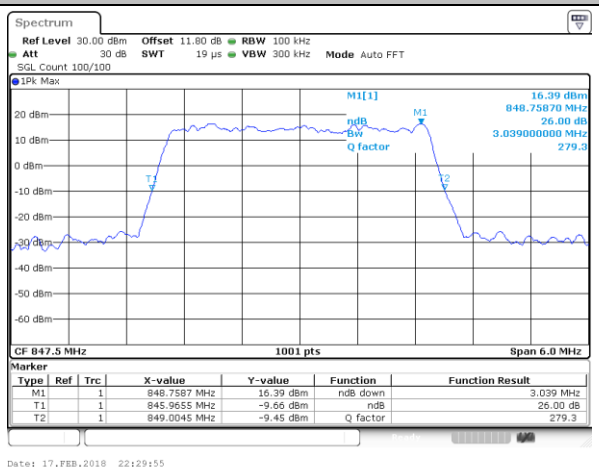
Middle Channel / 3MHz / QPSK



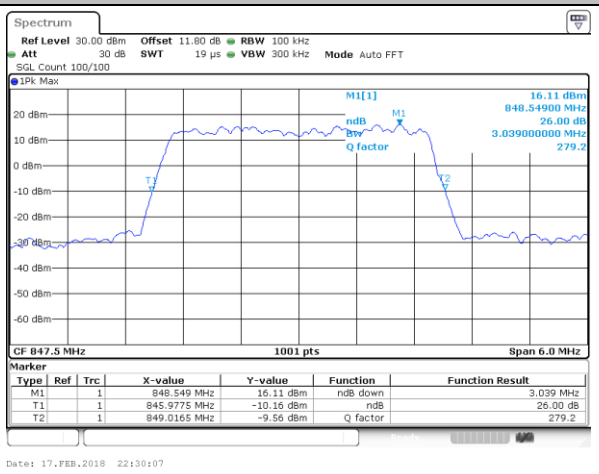
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

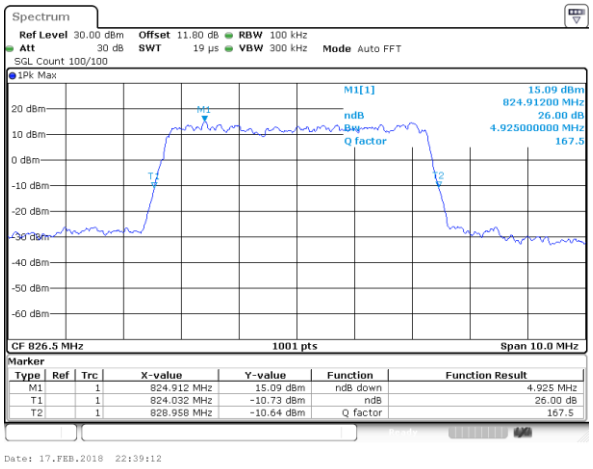


Highest Channel / 3MHz / 16QAM

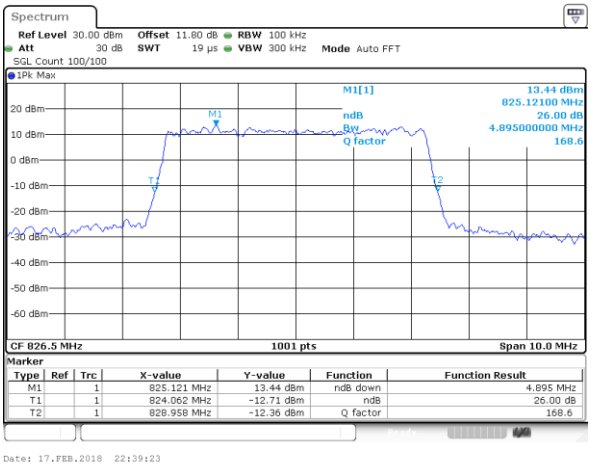


LTE Band 5

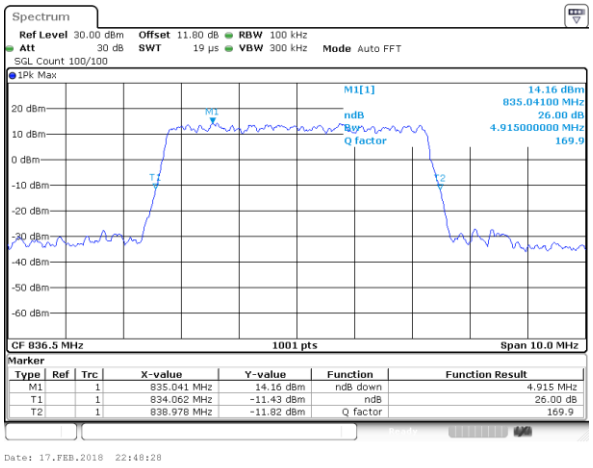
Lowest Channel / 5MHz / QPSK



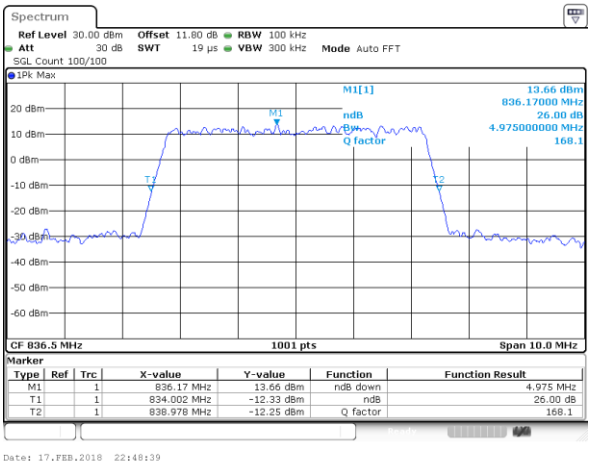
Lowest Channel / 5MHz / 16QAM



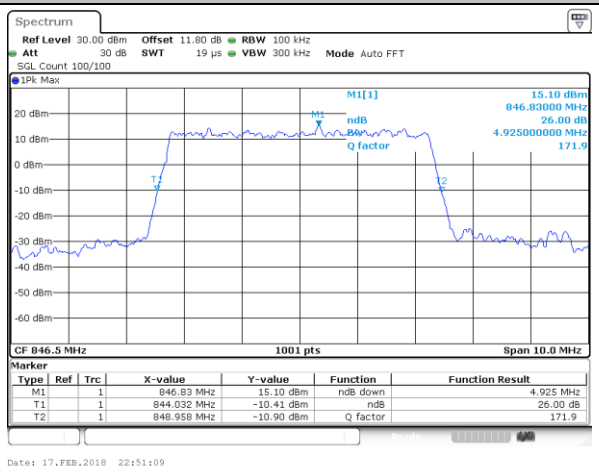
Middle Channel / 5MHz / QPSK



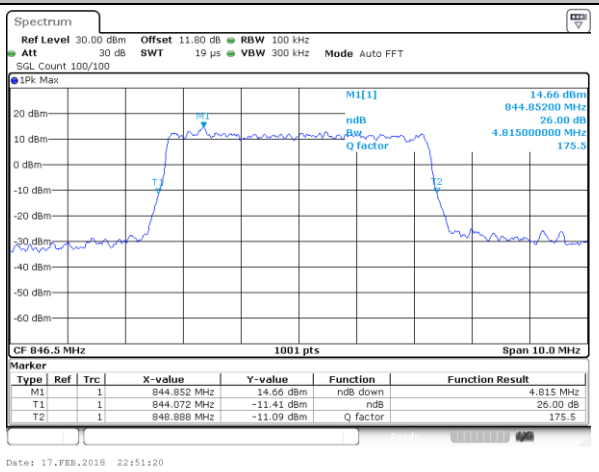
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

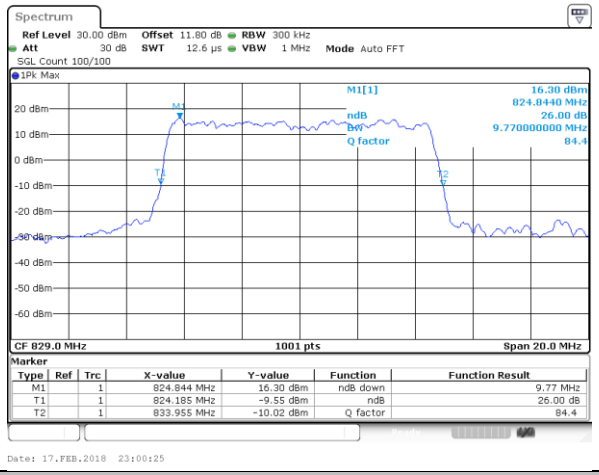


Highest Channel / 5MHz / 16QAM

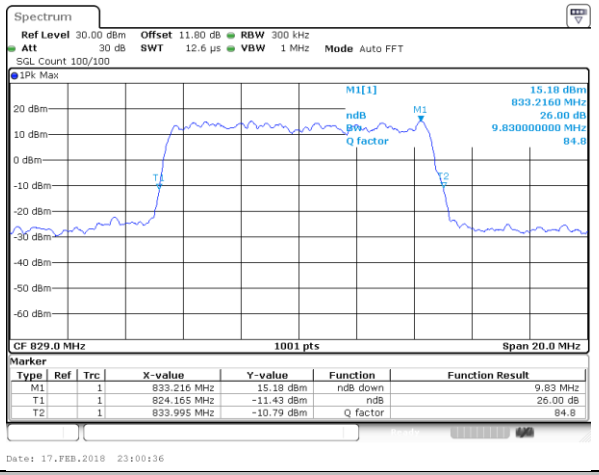


LTE Band 5

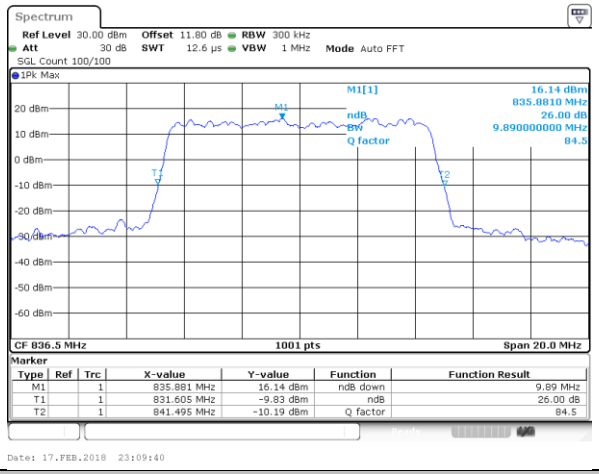
Lowest Channel / 10MHz / QPSK



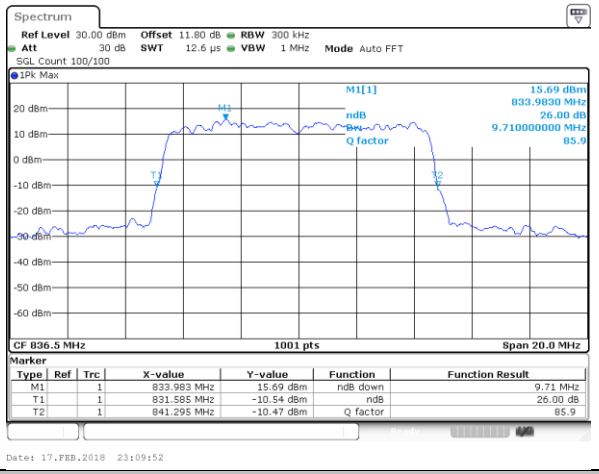
Lowest Channel / 10MHz / 16QAM



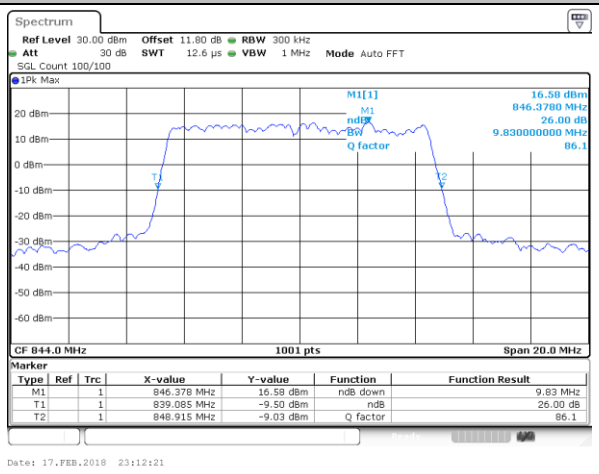
Middle Channel / 10MHz / QPSK



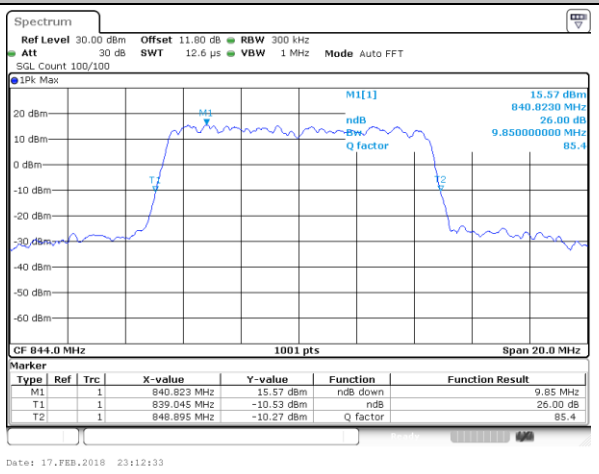
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

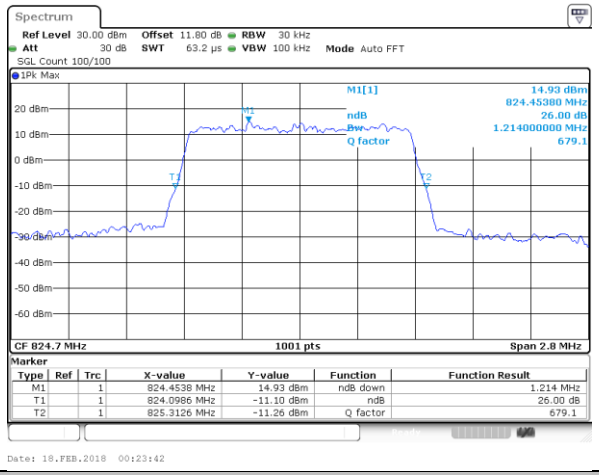


Highest Channel / 10MHz / 16QAM

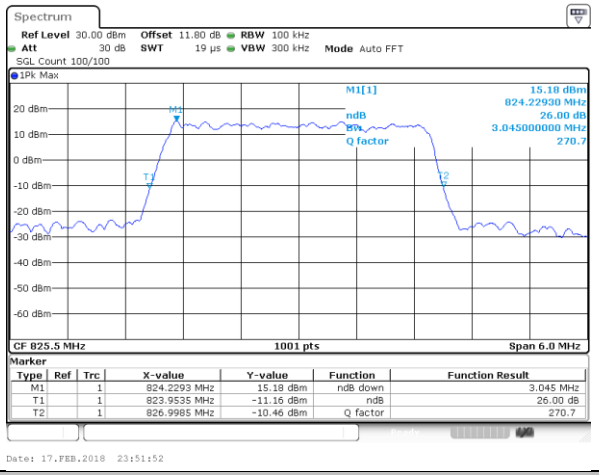


LTE Band 5

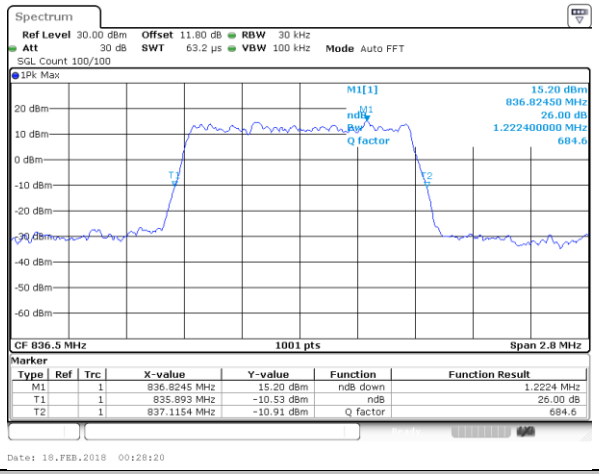
Lowest Channel / 1.4MHz / 64QAM



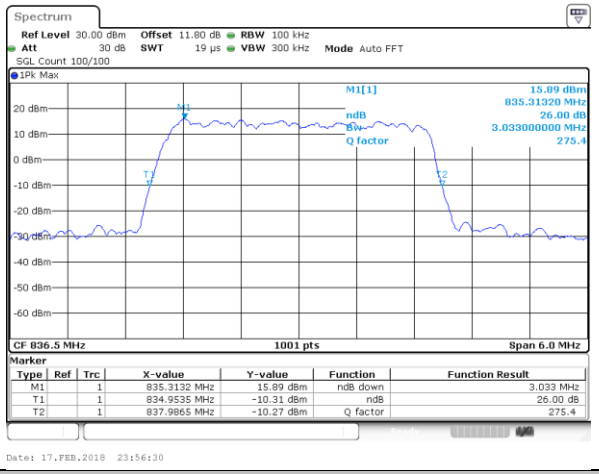
Lowest Channel / 3MHz / 64QAM



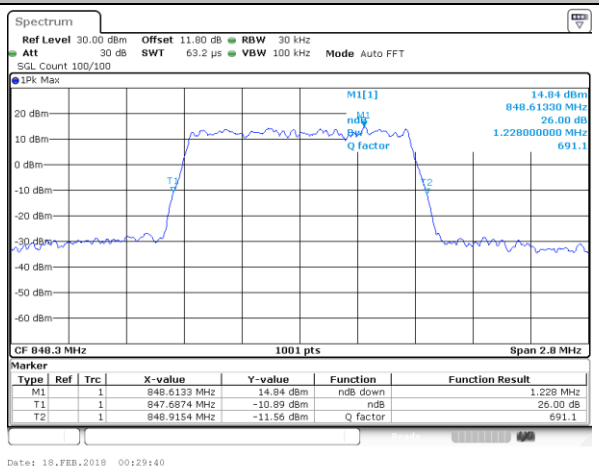
Middle Channel / 1.4MHz / 64QAM



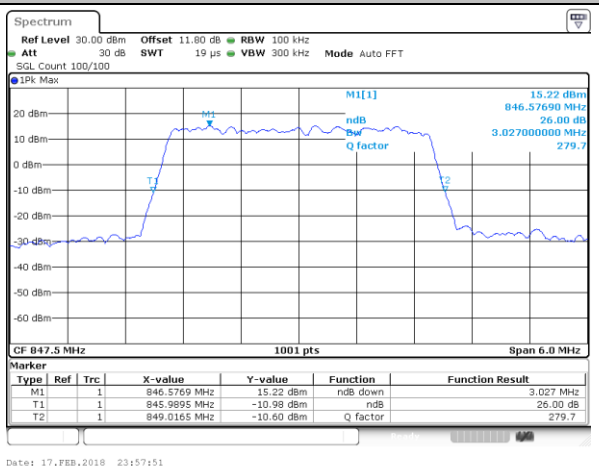
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

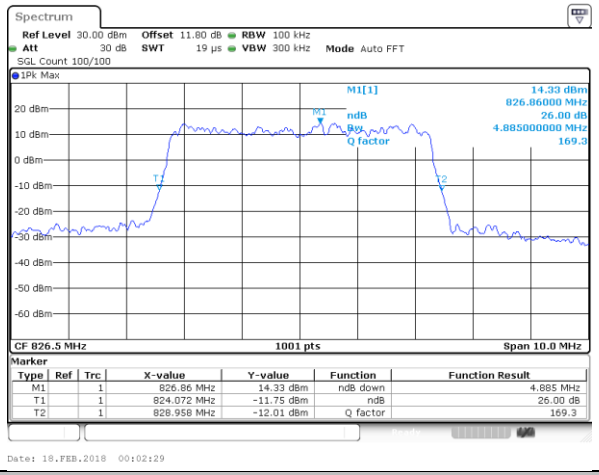


Highest Channel / 3MHz / 64QAM

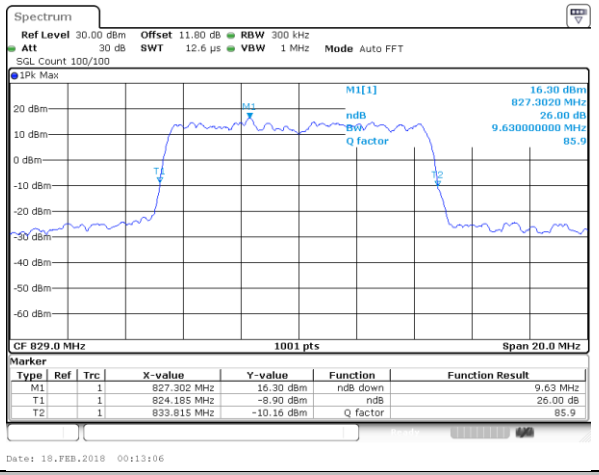


LTE Band 5

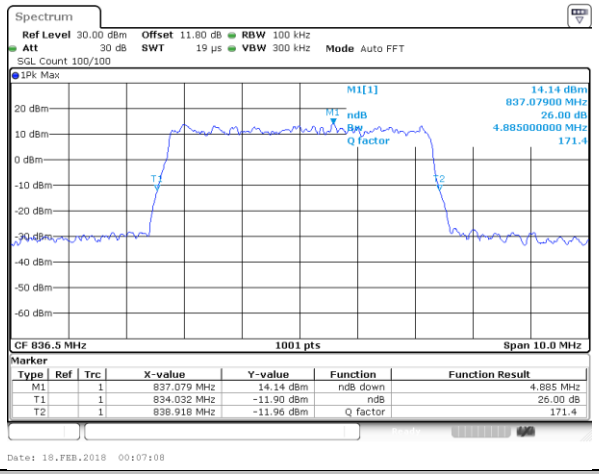
Lowest Channel / 5MHz / 64QAM



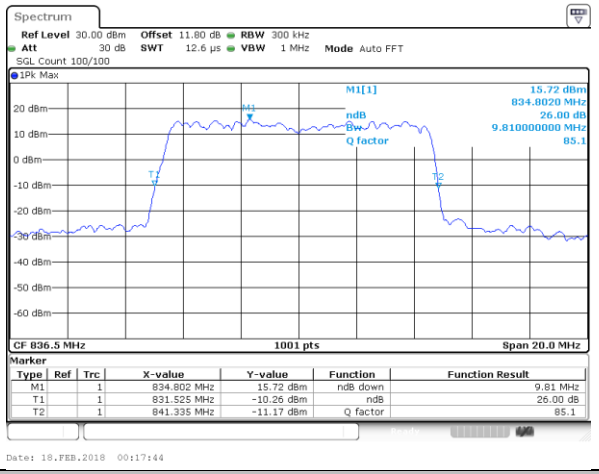
Lowest Channel / 10MHz / 64QAM



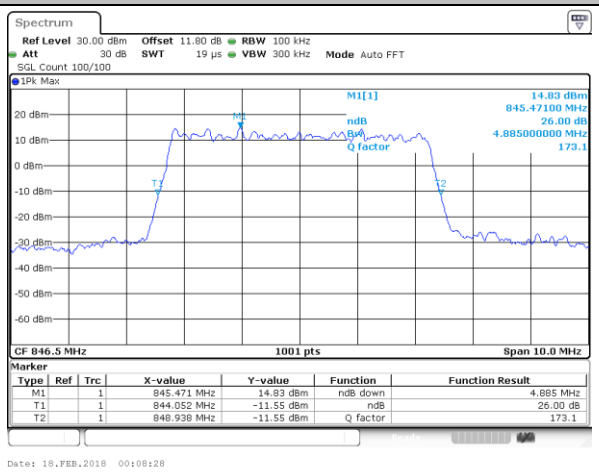
Middle Channel / 5MHz / 64QAM



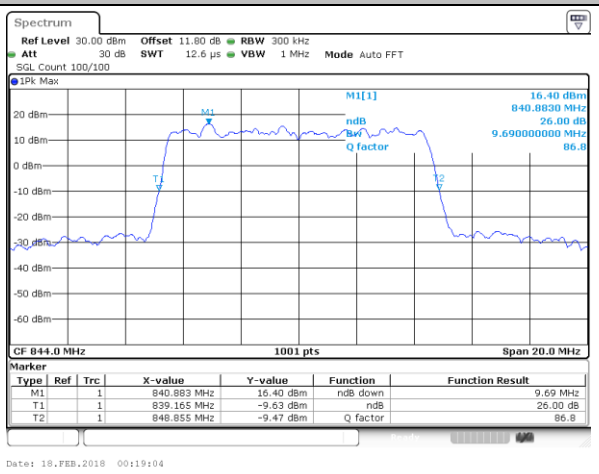
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

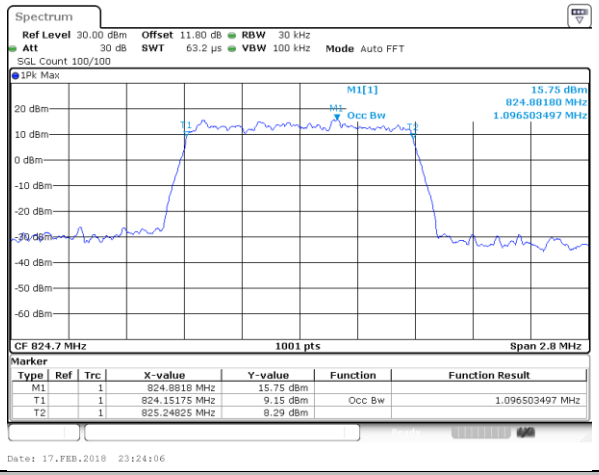


Occupied Bandwidth

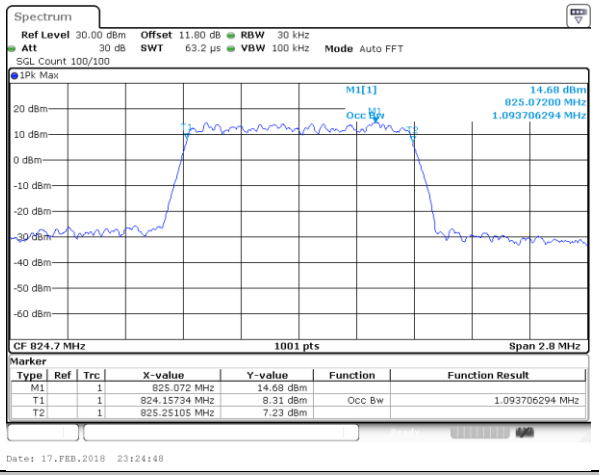
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.72	2.73	4.49	4.46	9.05	9.01	-	-	-	-
Middle CH	1.09	1.08	2.71	2.73	4.51	4.48	8.99	8.97	-	-	-	-
Highest CH	1.09	1.09	2.73	2.73	4.52	4.5	9.03	9.01	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.08	-	2.72	-	4.49	-	9.05	-	-	-	-
Middle CH	-	1.09	-	2.75	-	4.49	-	9.05	-	-	-	-
Highest CH	-	1.09	-	2.73	-	4.50	-	8.99	-	-	-	-

LTE Band 5

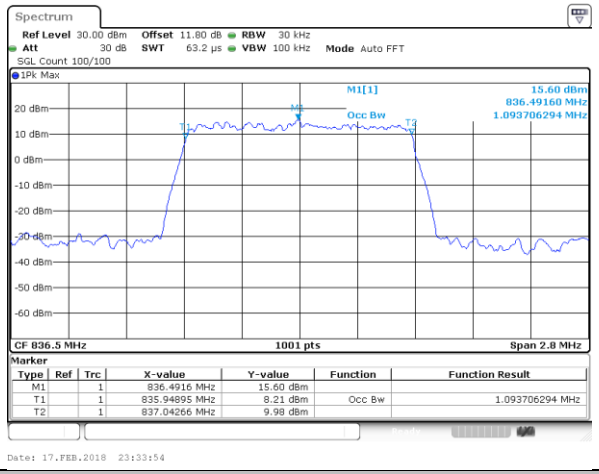
Lowest Channel / 1.4MHz / QPSK



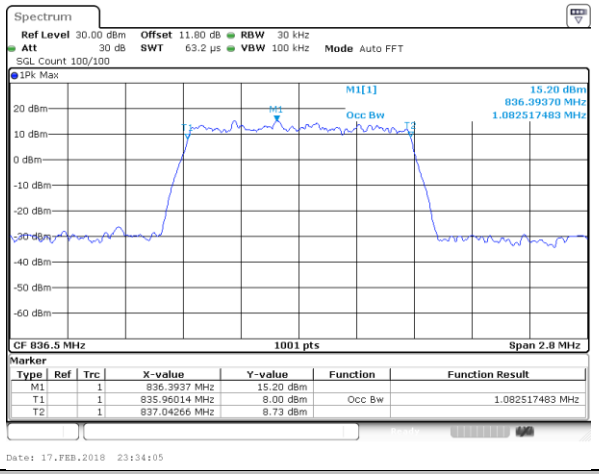
Lowest Channel / 1.4MHz / 16QAM



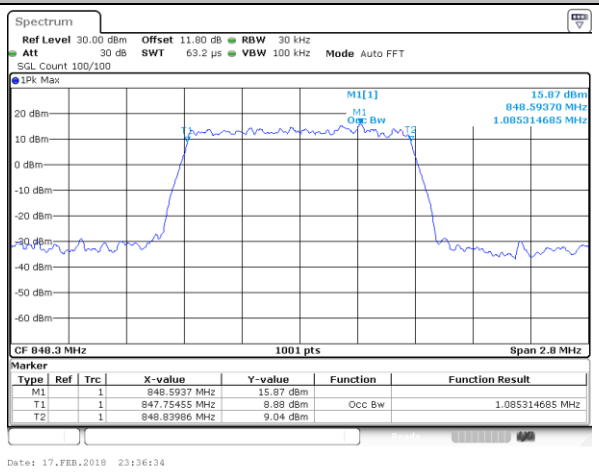
Middle Channel / 1.4MHz / QPSK



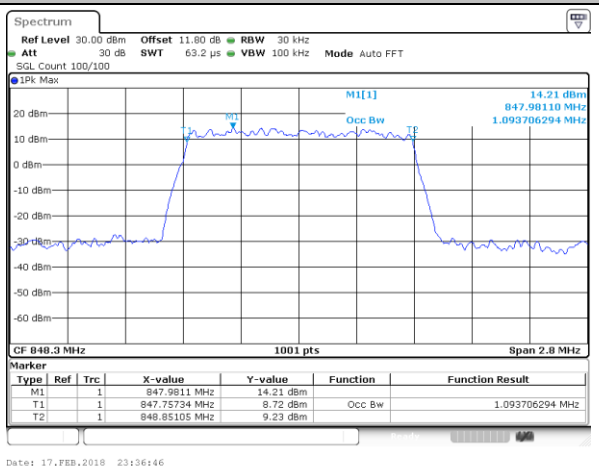
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

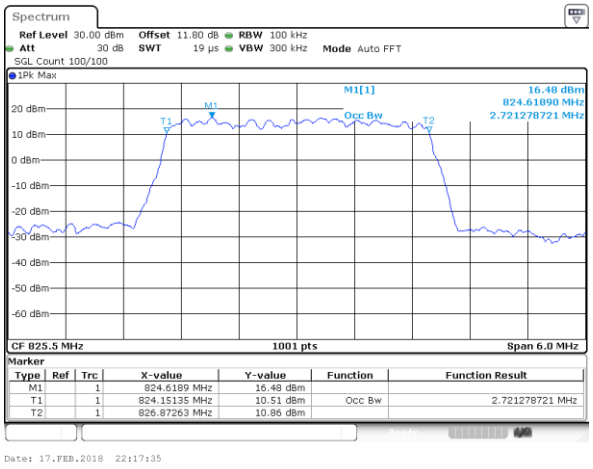


Highest Channel / 1.4MHz / 16QAM

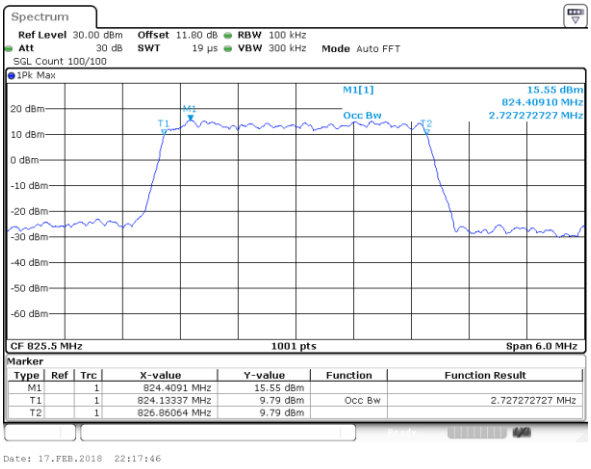


LTE Band 5

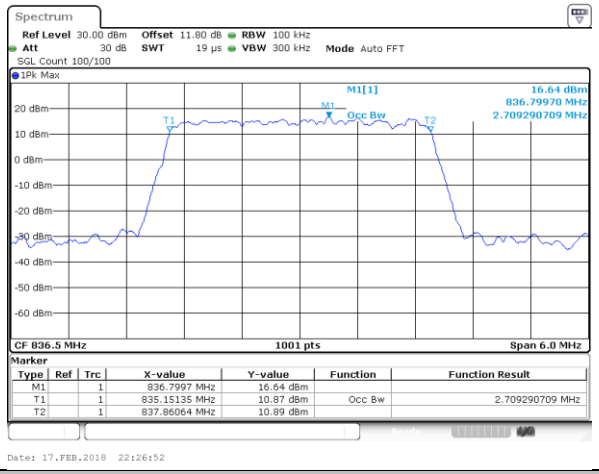
Lowest Channel / 3MHz / QPSK



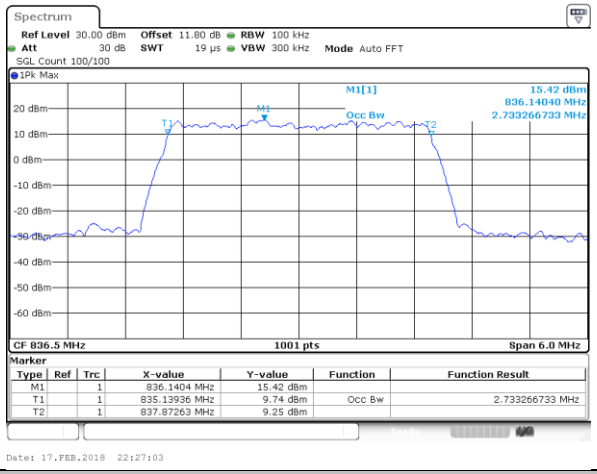
Lowest Channel / 3MHz / 16QAM



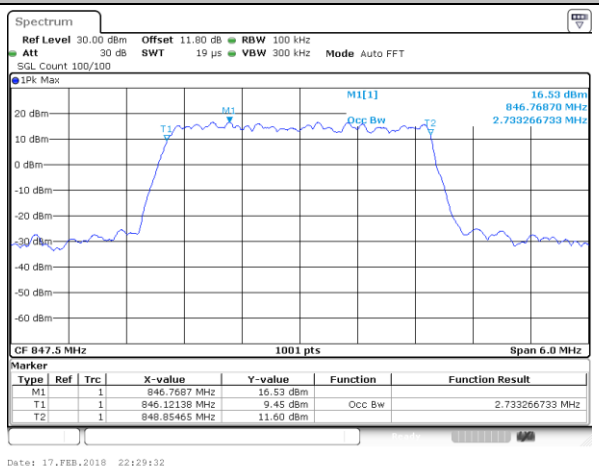
Middle Channel / 3MHz / QPSK



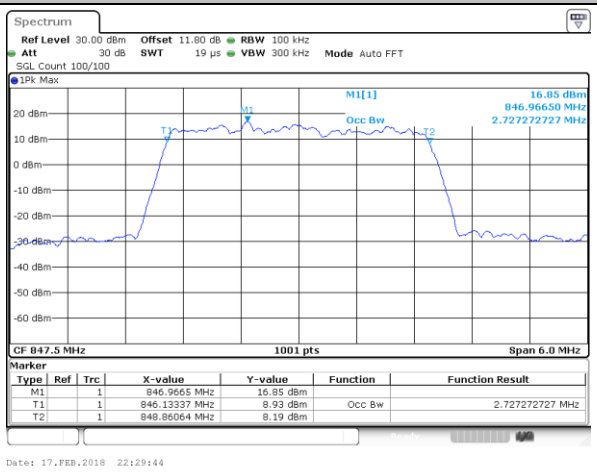
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

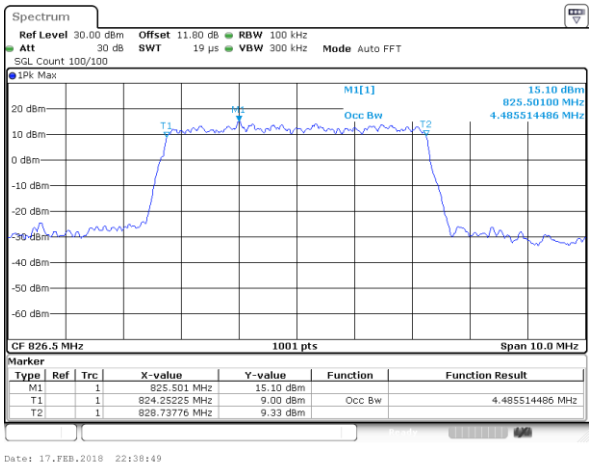


Highest Channel / 3MHz / 16QAM

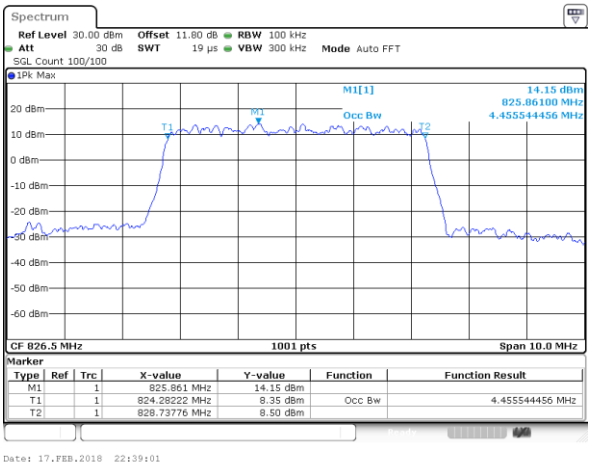


LTE Band 5

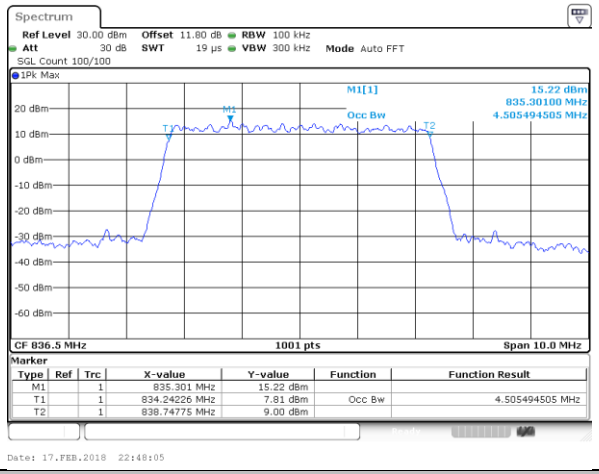
Lowest Channel / 5MHz / QPSK



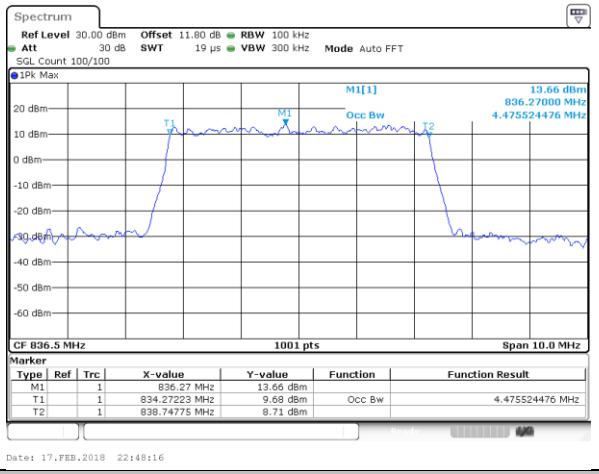
Lowest Channel / 5MHz / 16QAM



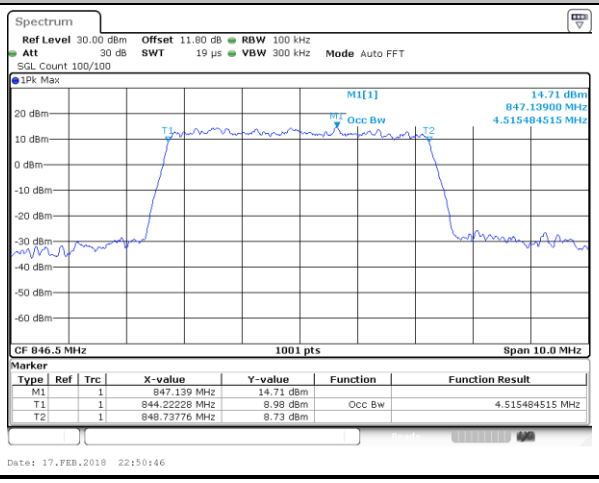
Middle Channel / 5MHz / QPSK



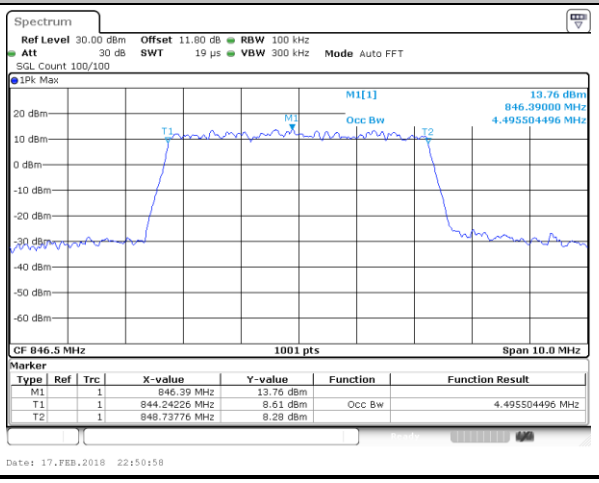
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

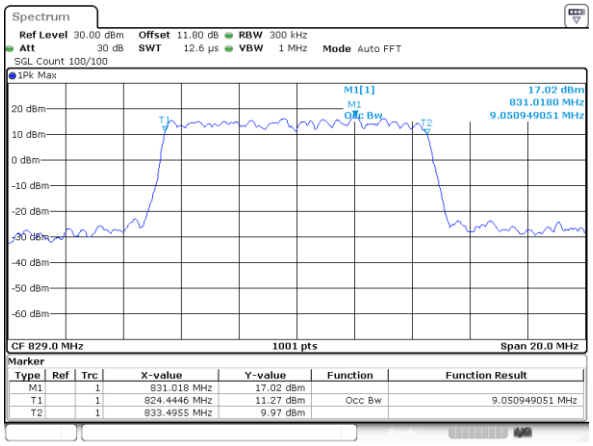


Highest Channel / 5MHz / 16QAM

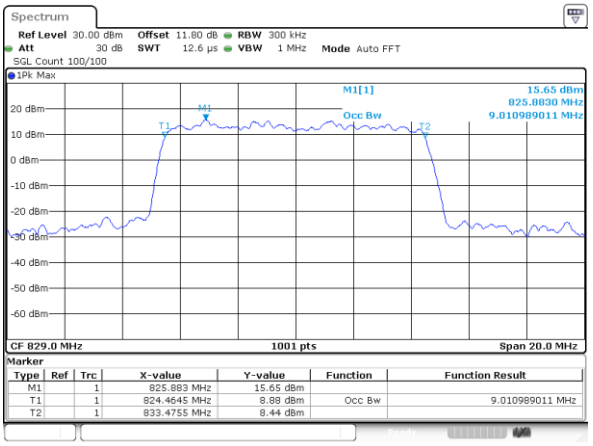


LTE Band 5

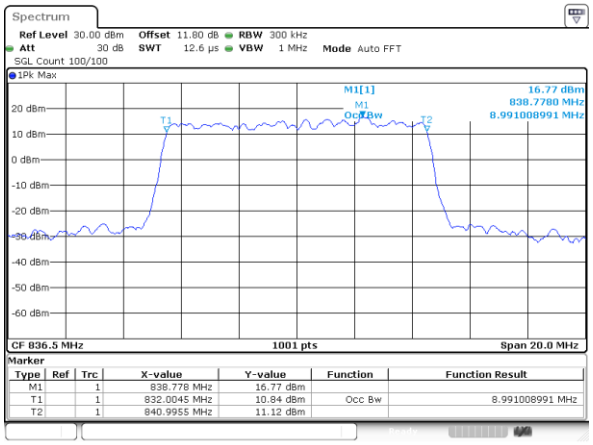
Lowest Channel / 10MHz / QPSK



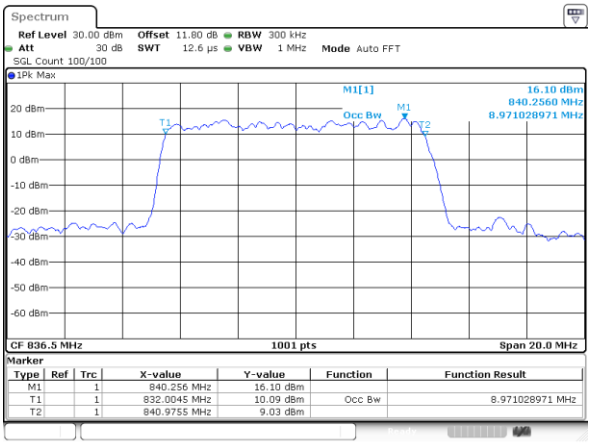
Lowest Channel / 10MHz / 16QAM



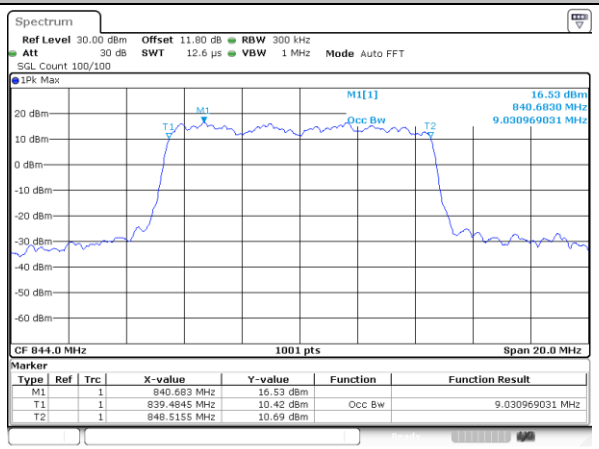
Middle Channel / 10MHz / QPSK



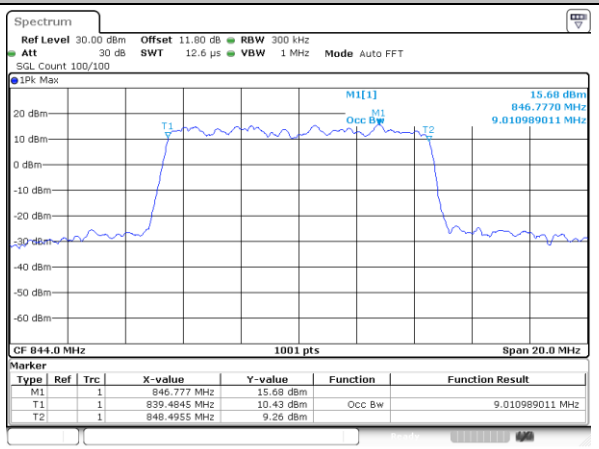
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

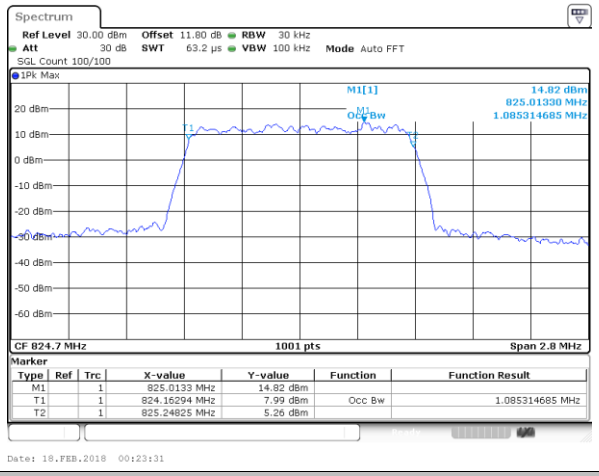


Highest Channel / 10MHz / 16QAM

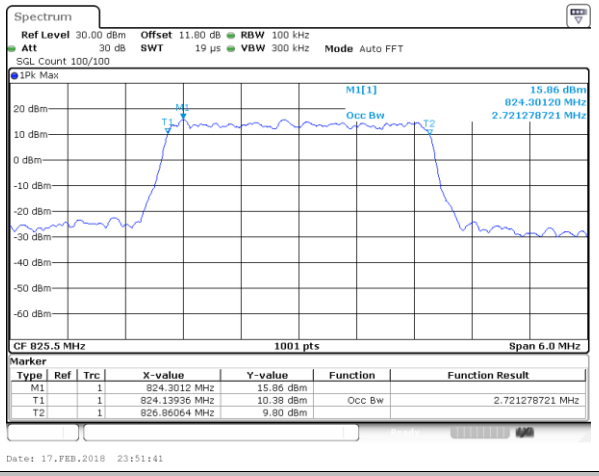


LTE Band 5

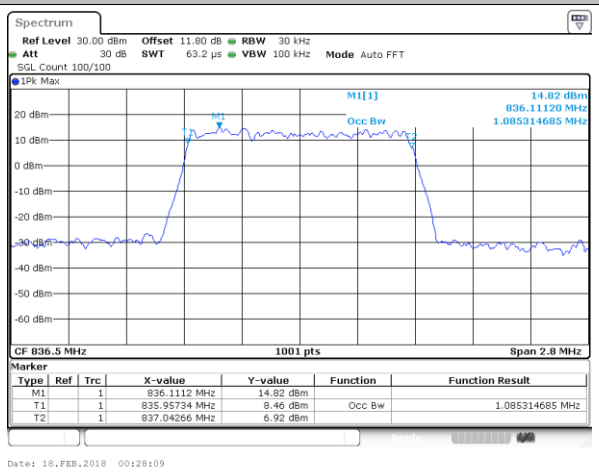
Lowest Channel / 1.4MHz / 64QAM



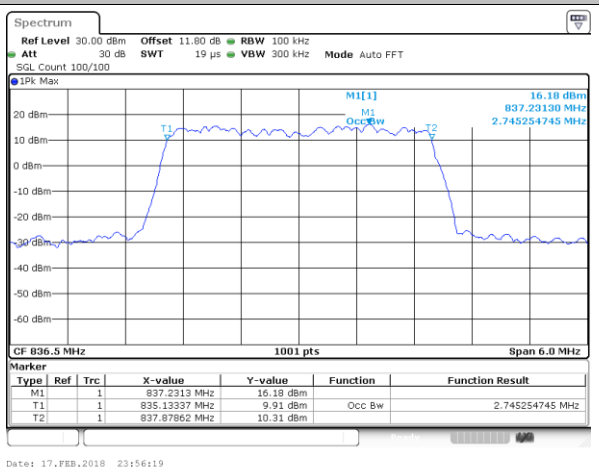
Lowest Channel / 3MHz / 64QAM



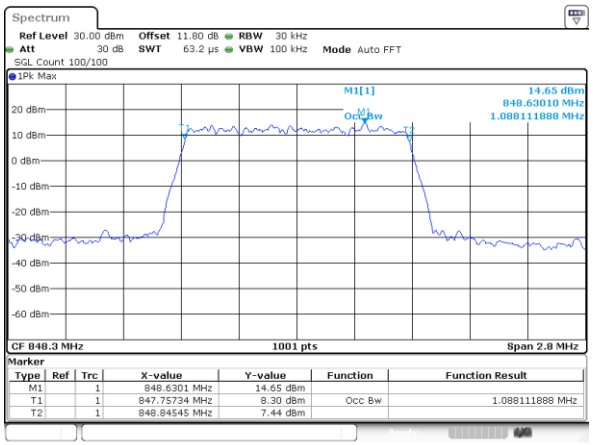
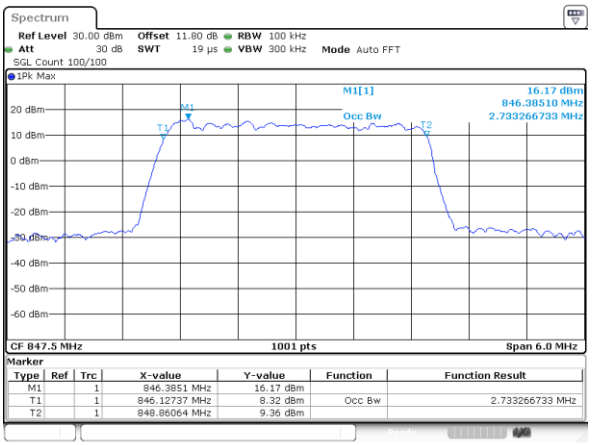
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM