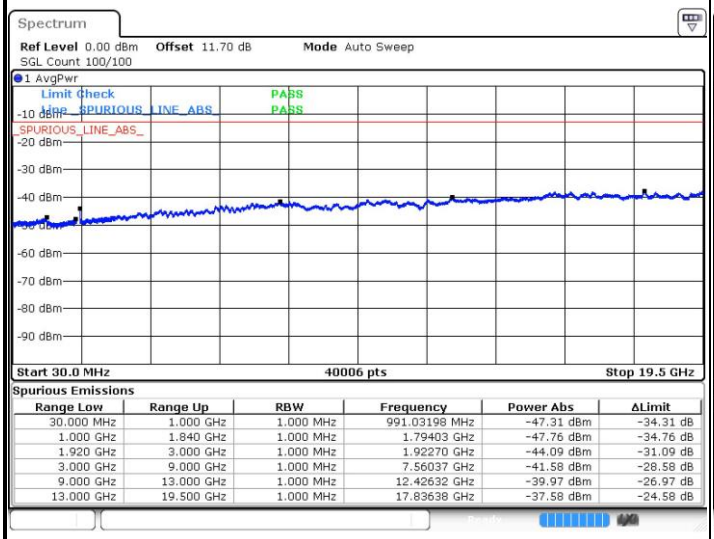
LTE Band 2 / 15MHz

Highest Channel / QPSK

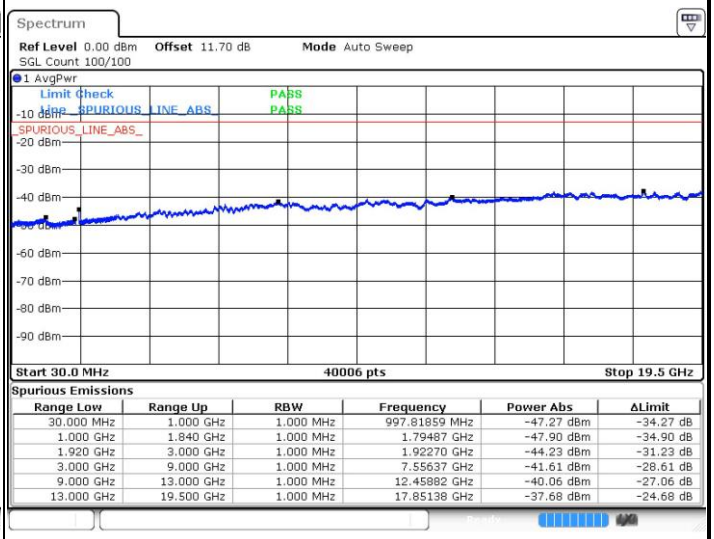


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79403 GHz	-47.76 dBm	-34.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-44.09 dBm	-31.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56037 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42632 GHz	-39.97 dBm	-26.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.83638 GHz	-37.58 dBm	-24.58 dB

Date: 16.AUG.2018 00:53:21

Highest Channel / 16QAM



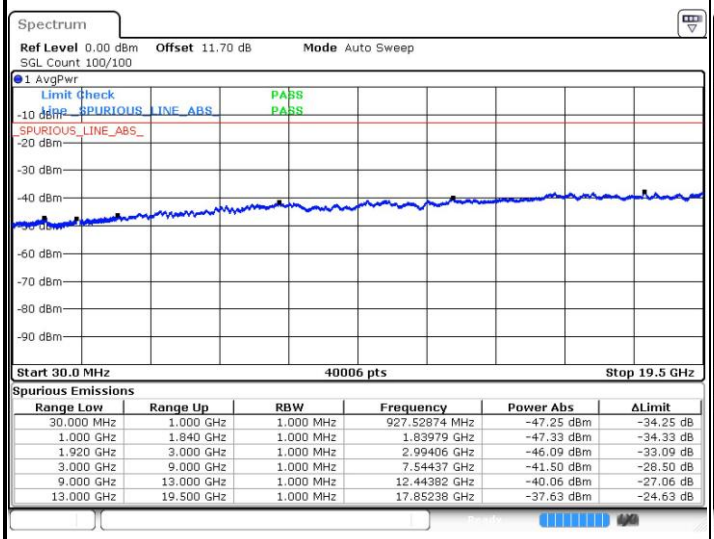
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-47.27 dBm	-34.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79487 GHz	-47.90 dBm	-34.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-44.23 dBm	-31.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55637 GHz	-41.61 dBm	-28.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45882 GHz	-40.06 dBm	-27.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85138 GHz	-37.68 dBm	-24.68 dB

Date: 16.AUG.2018 00:54:22

LTE Band 2 / 20MHz

Lowest Channel / QPSK

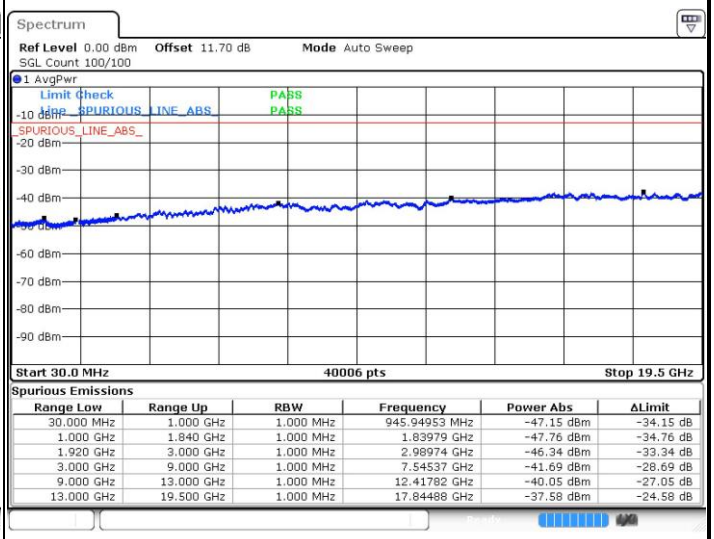


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-47.25 dBm	-34.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-47.33 dBm	-34.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-46.09 dBm	-33.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54437 GHz	-41.50 dBm	-28.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44382 GHz	-40.06 dBm	-27.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85238 GHz	-37.63 dBm	-24.63 dB

Date: 16.AUG.2018 01:00:49

Lowest Channel / 16QAM



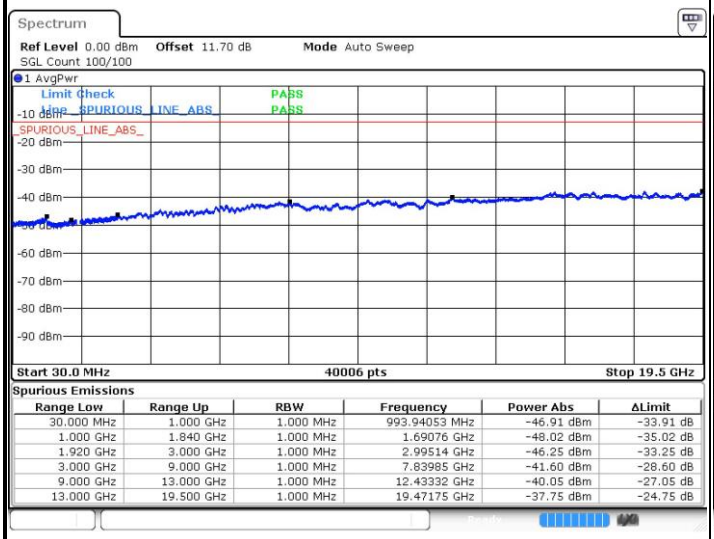
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-47.15 dBm	-34.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-47.76 dBm	-34.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-46.34 dBm	-33.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54537 GHz	-41.69 dBm	-28.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41782 GHz	-40.05 dBm	-27.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84488 GHz	-37.58 dBm	-24.58 dB

Date: 16.AUG.2018 01:01:50

LTE Band 2 / 20MHz

Middle Channel / QPSK

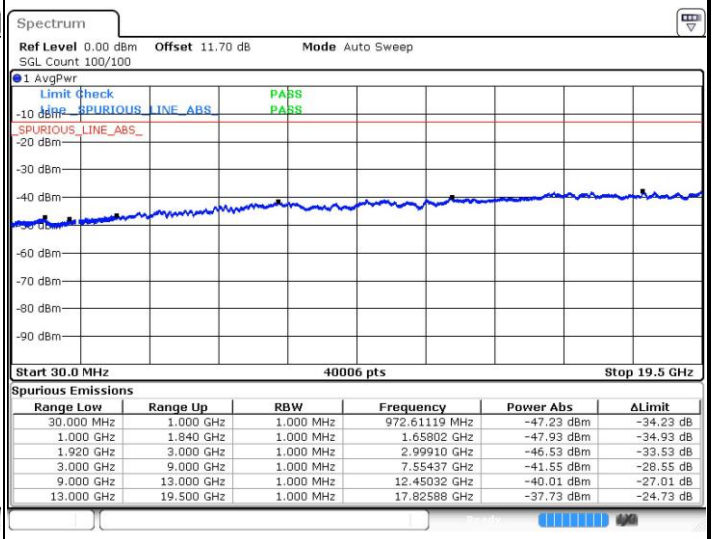


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-46.91 dBm	-33.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69076 GHz	-48.02 dBm	-35.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99514 GHz	-46.25 dBm	-33.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83985 GHz	-41.60 dBm	-28.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43332 GHz	-40.05 dBm	-27.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.47175 GHz	-37.75 dBm	-24.75 dB

Date: 16.AUG.2018 01:03:36

Middle Channel / 16QAM

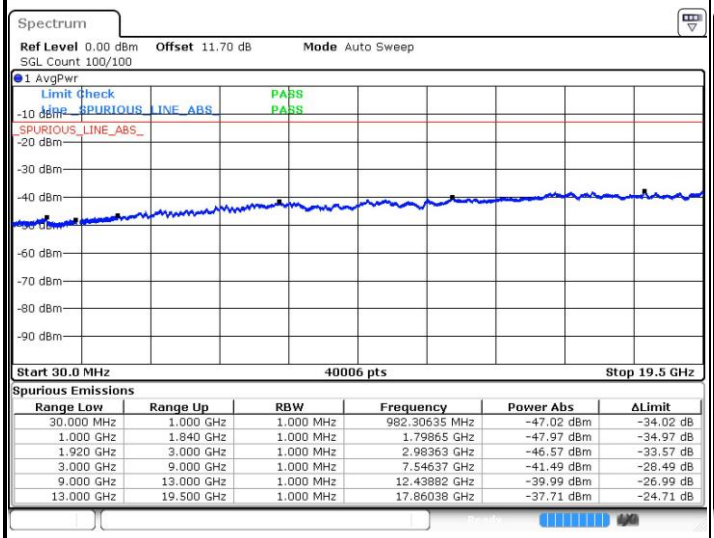


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.61119 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65802 GHz	-47.93 dBm	-34.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99910 GHz	-46.53 dBm	-33.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55437 GHz	-41.55 dBm	-28.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45032 GHz	-40.01 dBm	-27.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.82588 GHz	-37.73 dBm	-24.73 dB

Date: 16.AUG.2018 01:04:36

Highest Channel / QPSK

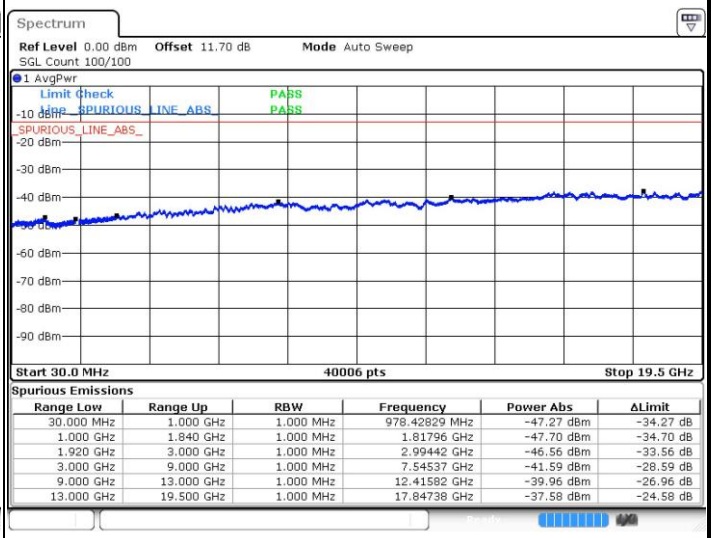


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.02 dBm	-34.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79865 GHz	-47.97 dBm	-34.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98363 GHz	-46.57 dBm	-33.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54637 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-39.99 dBm	-26.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.86038 GHz	-37.71 dBm	-24.71 dB

Date: 16.AUG.2018 01:11:02

Highest Channel / 16QAM



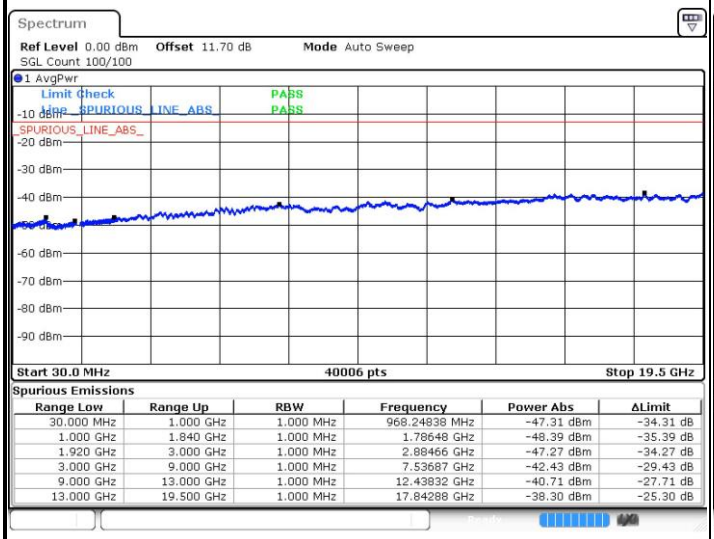
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-47.27 dBm	-34.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81796 GHz	-47.70 dBm	-34.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99442 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54537 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41582 GHz	-39.96 dBm	-26.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84738 GHz	-37.58 dBm	-24.58 dB

Date: 16.AUG.2018 01:12:03

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

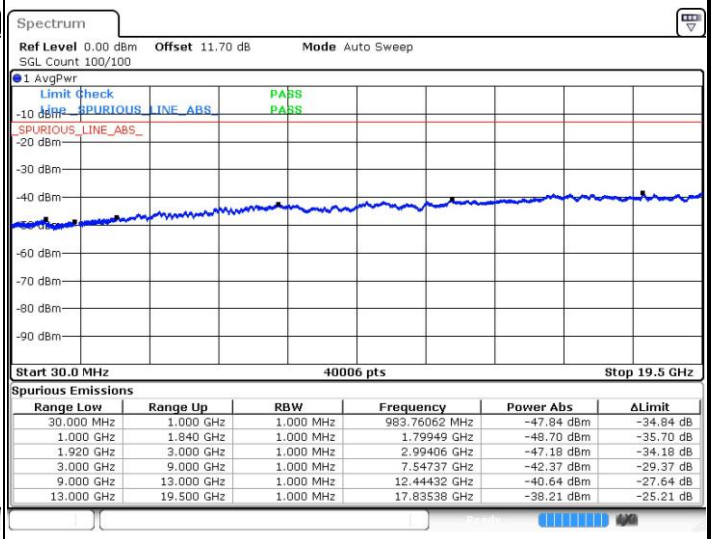


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.24838 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78648 GHz	-48.39 dBm	-35.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.88466 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53687 GHz	-42.43 dBm	-29.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43832 GHz	-40.71 dBm	-27.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84288 GHz	-38.30 dBm	-25.30 dB

Date: 16.AUG.2018 17:12:44

Middle Channel / 64QAM

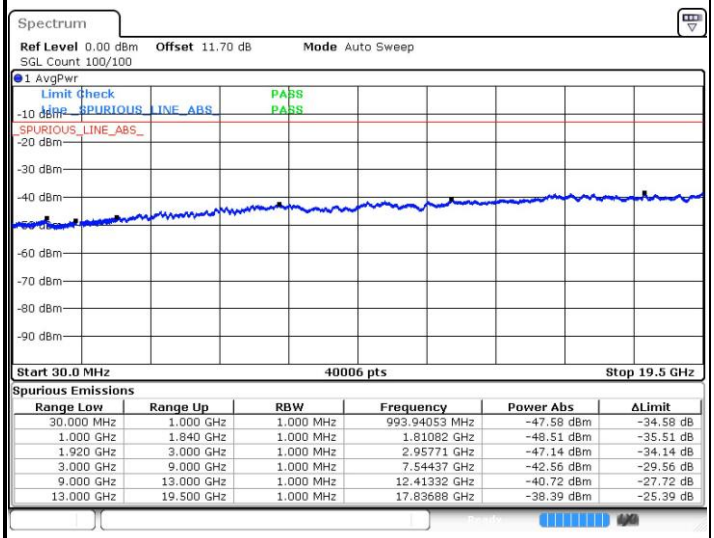


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.84 dBm	-34.84 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79949 GHz	-48.70 dBm	-35.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54737 GHz	-42.37 dBm	-29.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44432 GHz	-40.64 dBm	-27.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.83538 GHz	-38.21 dBm	-25.21 dB

Date: 16.AUG.2018 17:14:08

Highest Channel / 64QAM



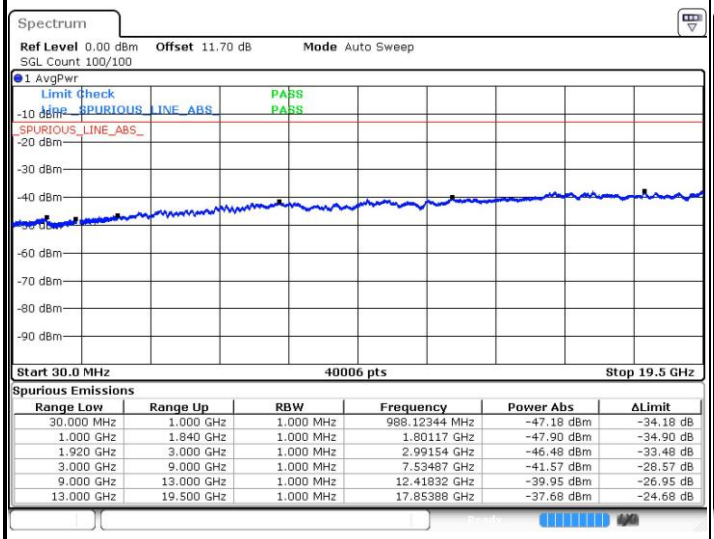
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-47.58 dBm	-34.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81082 GHz	-48.51 dBm	-35.51 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95771 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54437 GHz	-42.56 dBm	-29.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41332 GHz	-40.72 dBm	-27.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.83688 GHz	-38.39 dBm	-25.39 dB

Date: 16.AUG.2018 17:17:51

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

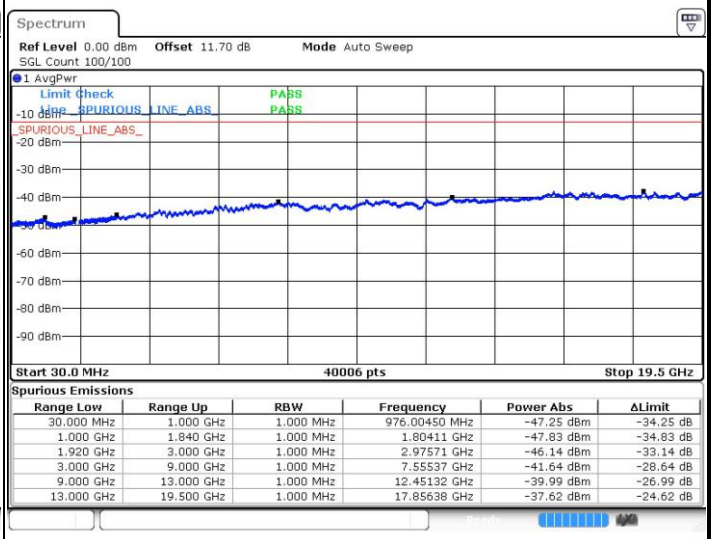


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-47.18 dBm	-34.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80117 GHz	-47.90 dBm	-34.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99154 GHz	-46.48 dBm	-33.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53487 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41832 GHz	-39.95 dBm	-26.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85388 GHz	-37.68 dBm	-24.68 dB

Date: 16.AUG.2018 01:15:46

Middle Channel / 64QAM

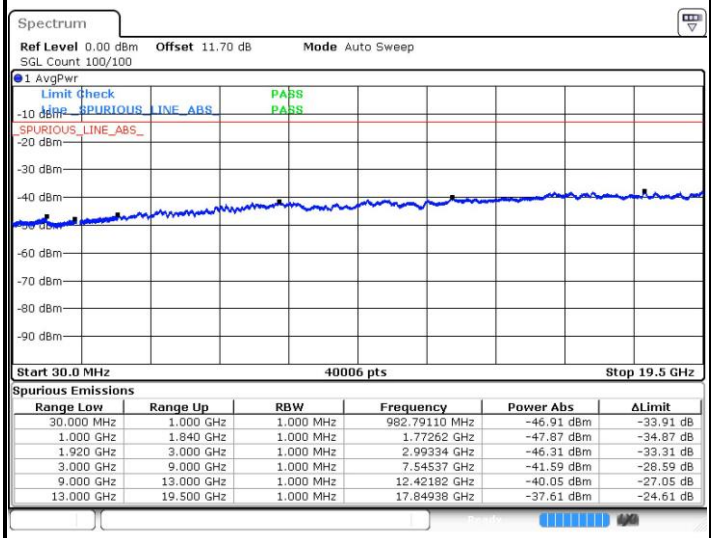


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.25 dBm	-34.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80411 GHz	-47.83 dBm	-34.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-46.14 dBm	-33.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55537 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45132 GHz	-39.99 dBm	-26.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85638 GHz	-37.62 dBm	-24.62 dB

Date: 16.AUG.2018 01:17:10

Highest Channel / 64QAM



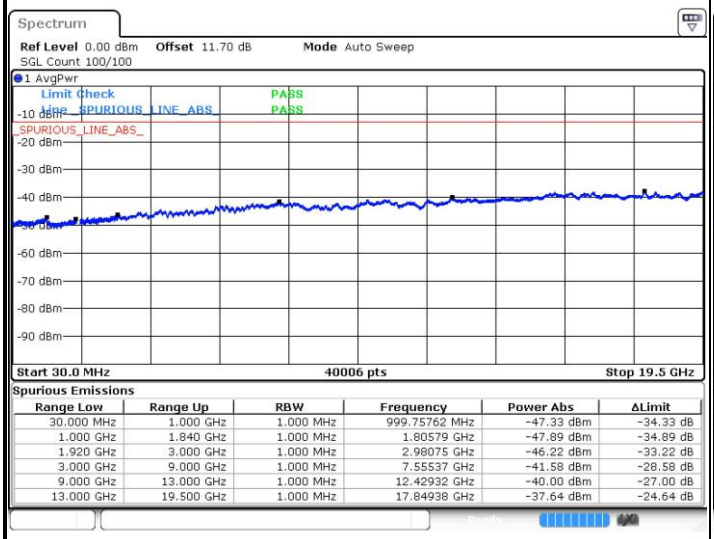
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-46.91 dBm	-33.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77262 GHz	-47.87 dBm	-34.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99334 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54537 GHz	-41.59 dBm	-28.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42182 GHz	-40.05 dBm	-27.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84938 GHz	-37.61 dBm	-24.61 dB

Date: 16.AUG.2018 01:20:53

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

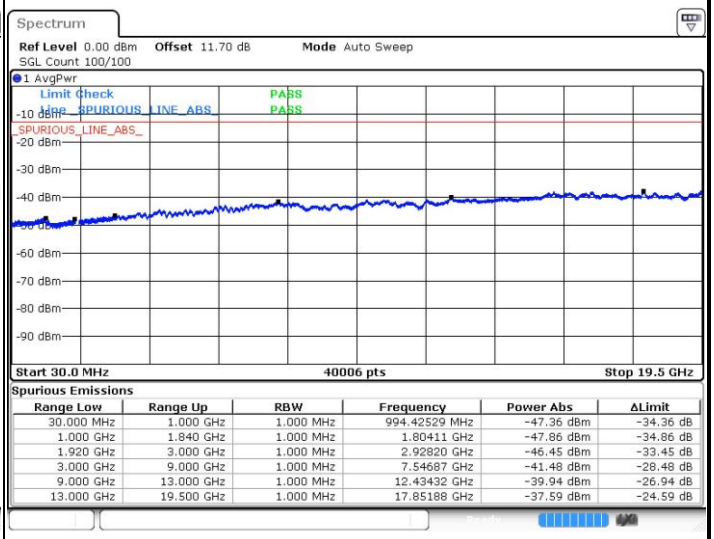


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80579 GHz	-47.89 dBm	-34.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98075 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55537 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42932 GHz	-40.00 dBm	-27.00 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84938 GHz	-37.64 dBm	-24.64 dB

Date: 16.AUG.2018 01:24:36

Middle Channel / 64QAM

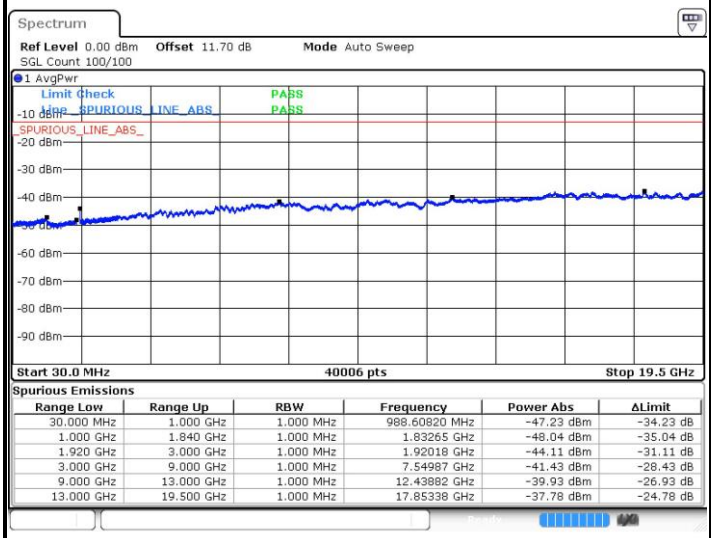


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-47.36 dBm	-34.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80411 GHz	-47.86 dBm	-34.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.92820 GHz	-46.45 dBm	-33.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54687 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43432 GHz	-39.94 dBm	-26.94 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85188 GHz	-37.59 dBm	-24.59 dB

Date: 16.AUG.2018 01:26:00

Highest Channel / 64QAM



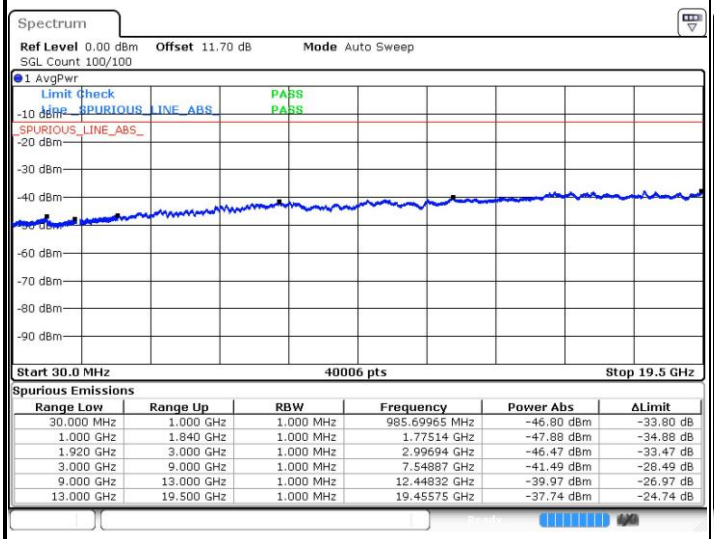
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-48.04 dBm	-35.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-44.11 dBm	-31.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54987 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-39.93 dBm	-26.93 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85338 GHz	-37.78 dBm	-24.78 dB

Date: 16.AUG.2018 01:29:43

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

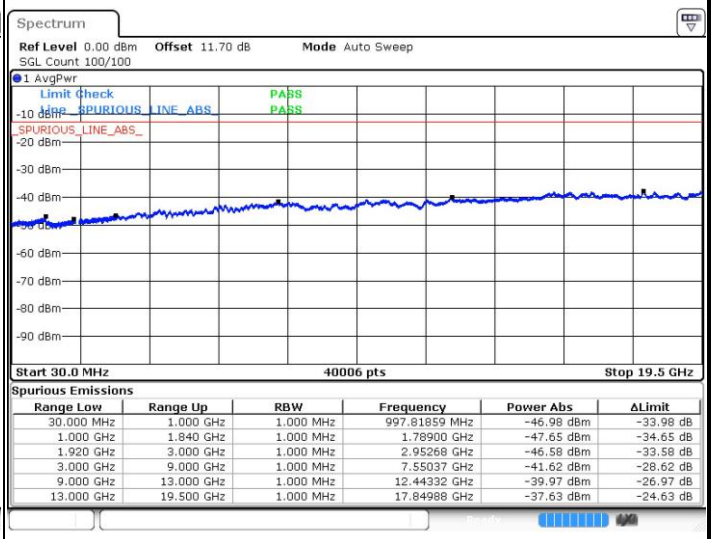


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-46.80 dBm	-33.80 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77514 GHz	-47.88 dBm	-34.88 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54887 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44832 GHz	-39.97 dBm	-26.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.45575 GHz	-37.74 dBm	-24.74 dB

Date: 16.AUG.2018 01:33:27

Middle Channel / 64QAM

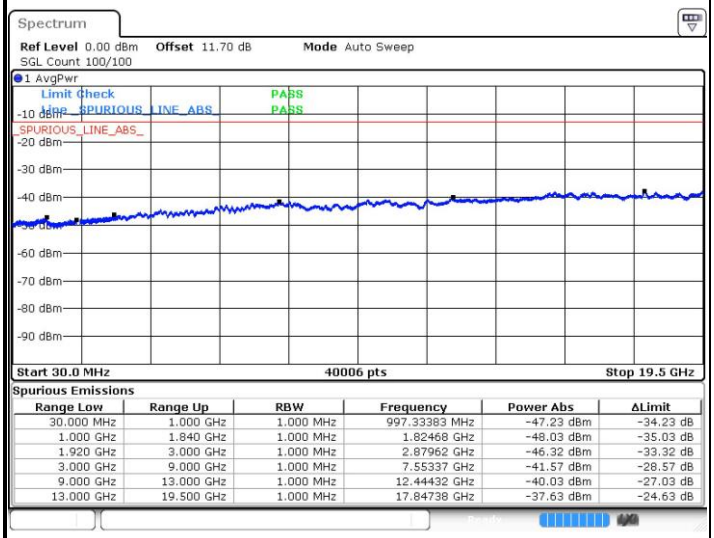


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-46.98 dBm	-33.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78900 GHz	-47.65 dBm	-34.65 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95268 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55037 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44332 GHz	-39.97 dBm	-26.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84988 GHz	-37.63 dBm	-24.63 dB

Date: 16.AUG.2018 01:34:50

Highest Channel / 64QAM



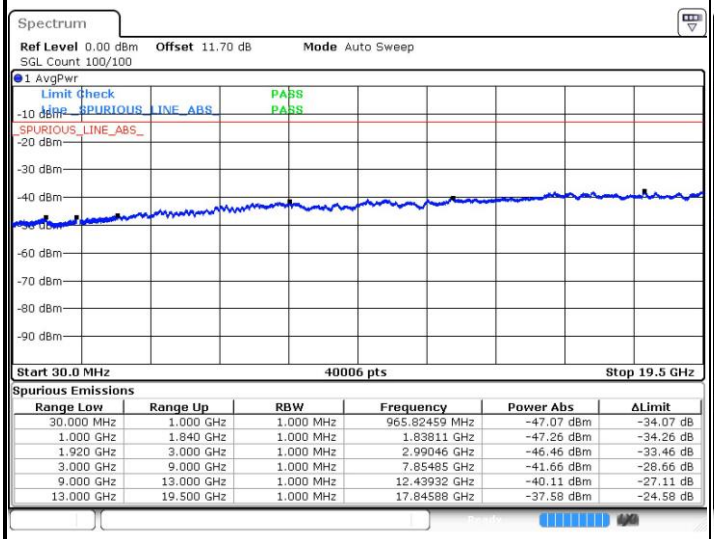
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82468 GHz	-48.03 dBm	-35.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.87962 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55337 GHz	-41.57 dBm	-28.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44432 GHz	-40.03 dBm	-27.03 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84738 GHz	-37.63 dBm	-24.63 dB

Date: 16.AUG.2018 01:38:33

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

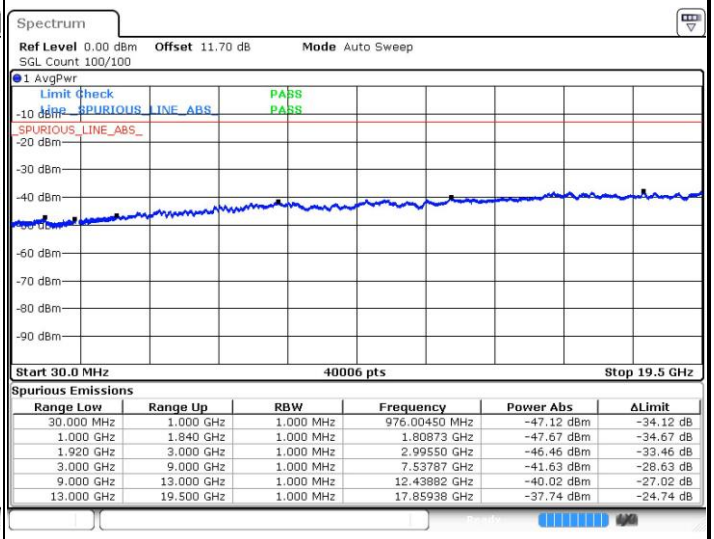


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-47.07 dBm	-34.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-47.26 dBm	-34.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99046 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85485 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43932 GHz	-40.11 dBm	-27.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84588 GHz	-37.58 dBm	-24.58 dB

Date: 16.AUG.2018 01:42:17

Middle Channel / 64QAM

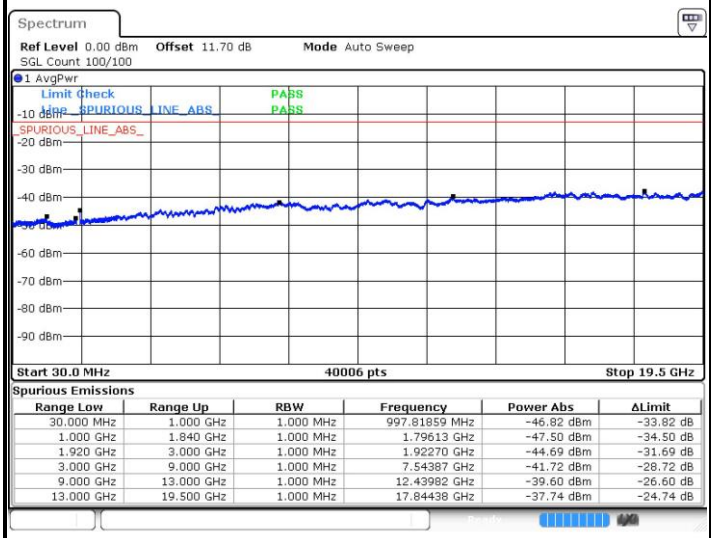


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.12 dBm	-34.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80873 GHz	-47.67 dBm	-34.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99550 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53787 GHz	-41.63 dBm	-28.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-40.02 dBm	-27.02 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85938 GHz	-37.74 dBm	-24.74 dB

Date: 16.AUG.2018 01:43:40

Highest Channel / 64QAM



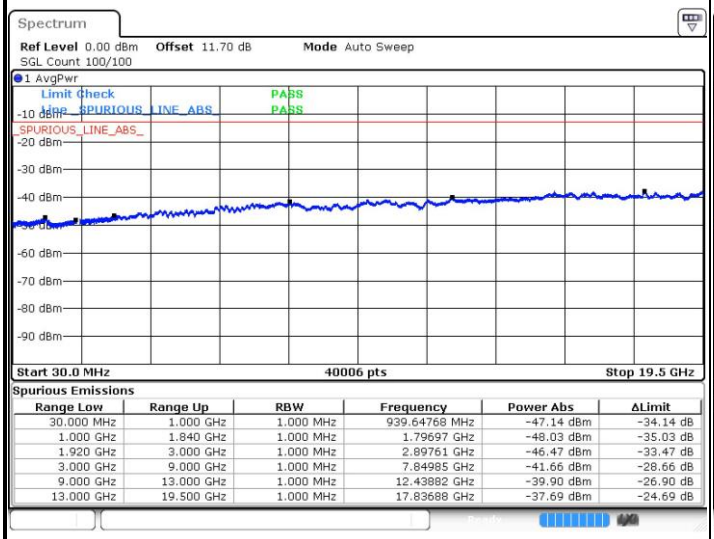
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-46.82 dBm	-33.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79613 GHz	-47.50 dBm	-34.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-44.69 dBm	-31.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54387 GHz	-41.72 dBm	-28.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43982 GHz	-39.60 dBm	-26.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84438 GHz	-37.74 dBm	-24.74 dB

Date: 16.AUG.2018 01:47:23

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

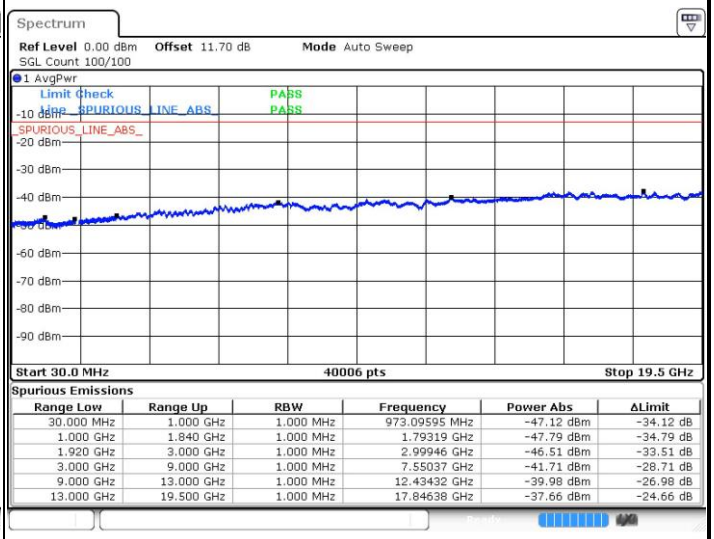


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-47.14 dBm	-34.14 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79697 GHz	-48.03 dBm	-35.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.89761 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84985 GHz	-41.66 dBm	-28.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-39.90 dBm	-26.90 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.83688 GHz	-37.69 dBm	-24.69 dB

Date: 16.AUG.2018 01:51:07

Middle Channel / 64QAM

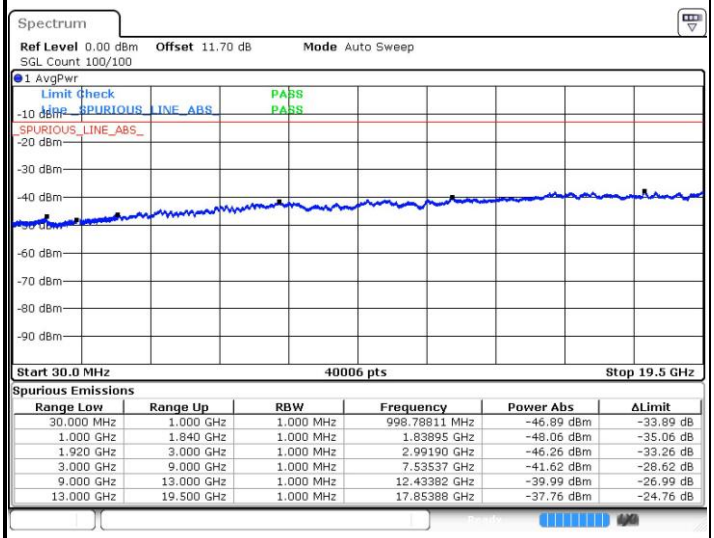


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-47.12 dBm	-34.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79319 GHz	-47.79 dBm	-34.79 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-46.51 dBm	-33.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55037 GHz	-41.71 dBm	-28.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43432 GHz	-39.98 dBm	-26.98 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.84638 GHz	-37.66 dBm	-24.66 dB

Date: 16.AUG.2018 01:52:30

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-46.89 dBm	-33.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-48.06 dBm	-35.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-46.26 dBm	-33.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53537 GHz	-41.62 dBm	-28.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43382 GHz	-39.99 dBm	-26.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.85388 GHz	-37.76 dBm	-24.76 dB

Date: 16.AUG.2018 01:56:13

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	0.0064	PASS
40	Normal Voltage	0.0060	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0070	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

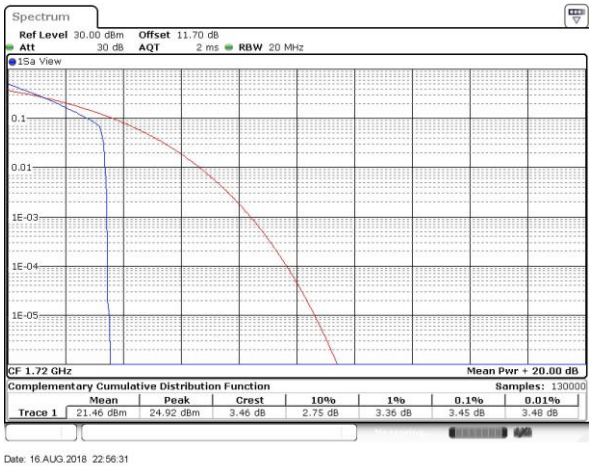
LTE Band 4

Peak-to-Average Ratio

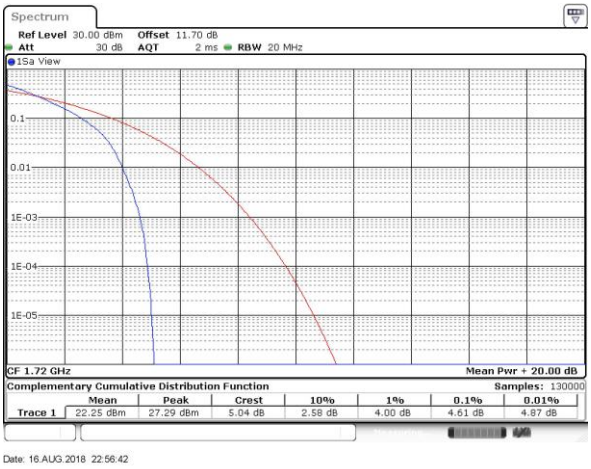
Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.61	4.61	5.83	PASS
Middle CH	3.51	4.52	5.07	5.83	
Highest CH	3.48	4.58	5.04	5.94	
Mode	LTE Band 4 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.81	6.52	-	-	PASS
Middle CH	6.46	6.52	-	-	
Highest CH	6.20	6.55	-	-	

LTE Band 4 / 20MHz / QPSK

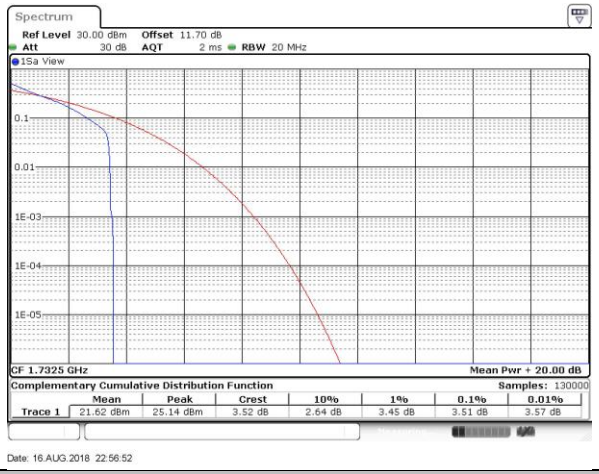
Lowest Channel / 1RB



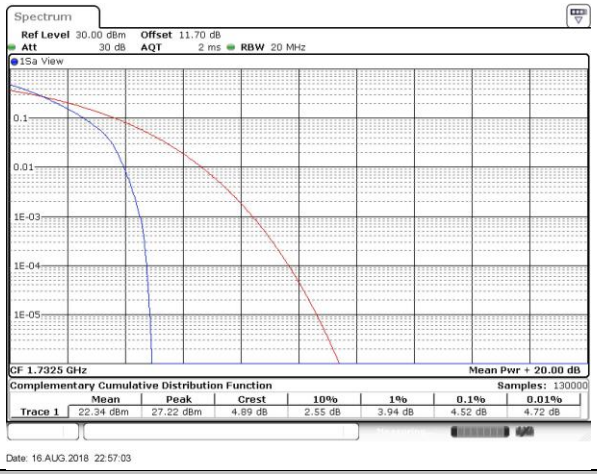
Lowest Channel / Full RB



Middle Channel / 1RB

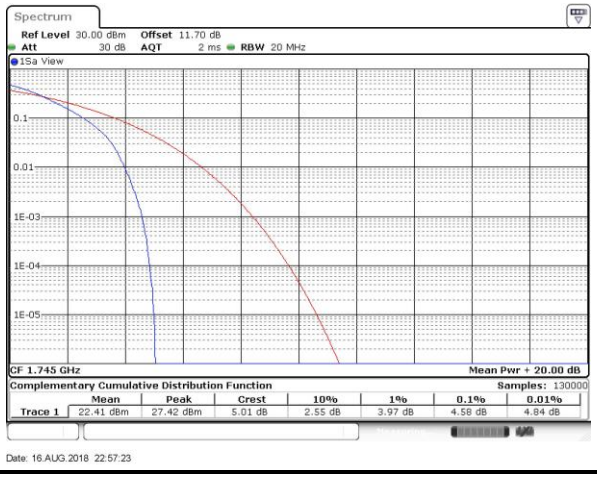


Middle Channel / Full RB



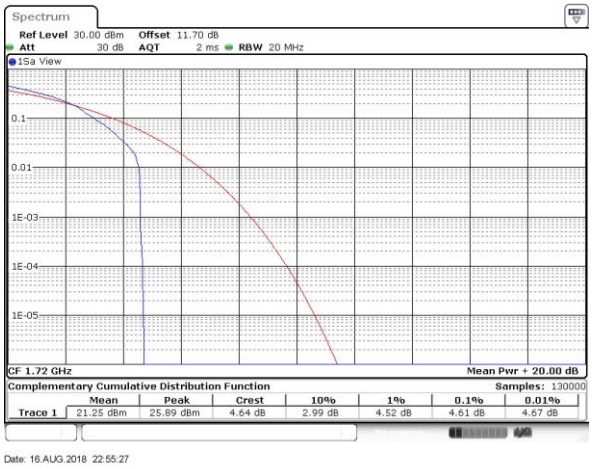
Highest Channel / 1RB

Highest Channel / Full RB

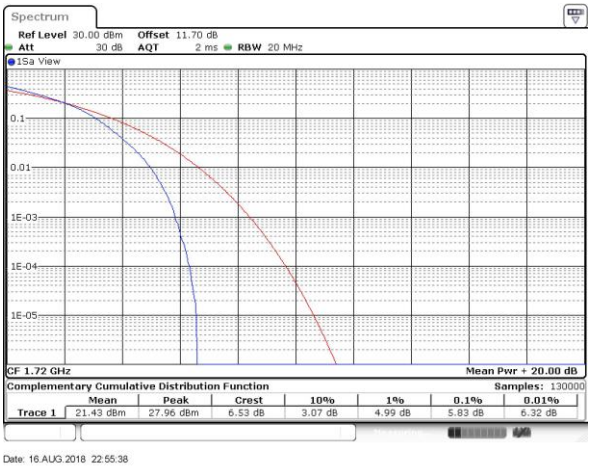


LTE Band 4 / 20MHz / 16QAM

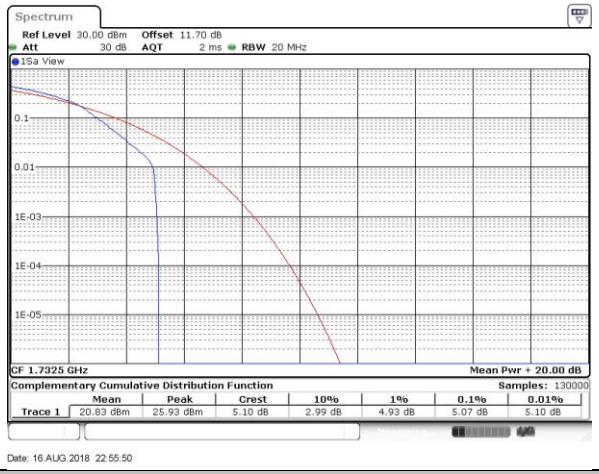
Lowest Channel / 1RB



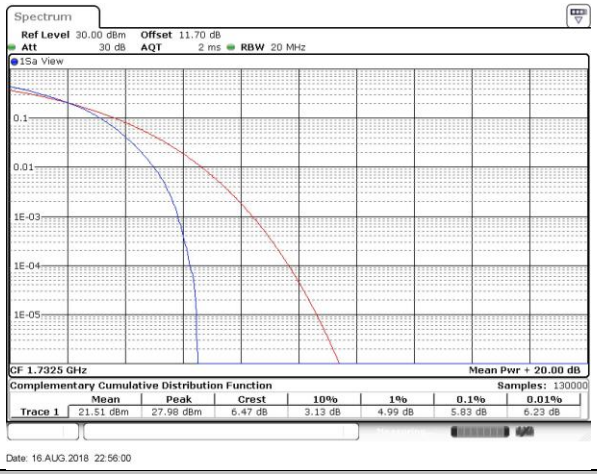
Lowest Channel / Full RB



Middle Channel / 1RB

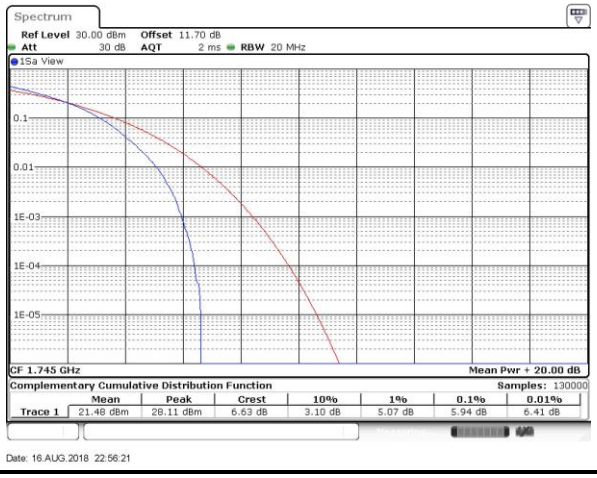


Middle Channel / Full RB



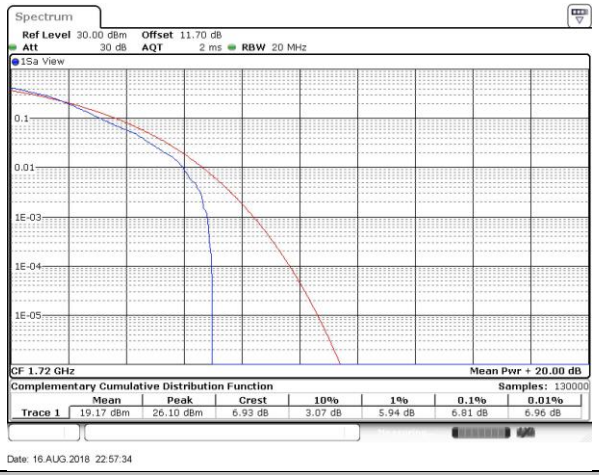
Highest Channel / 1RB

Highest Channel / Full RB

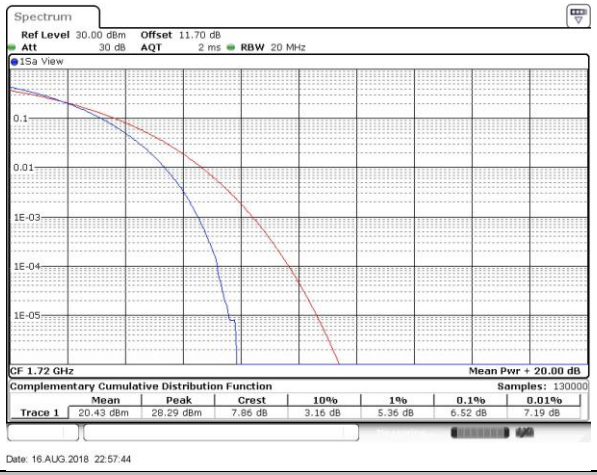


LTE Band 4 / 20MHz / 64QAM

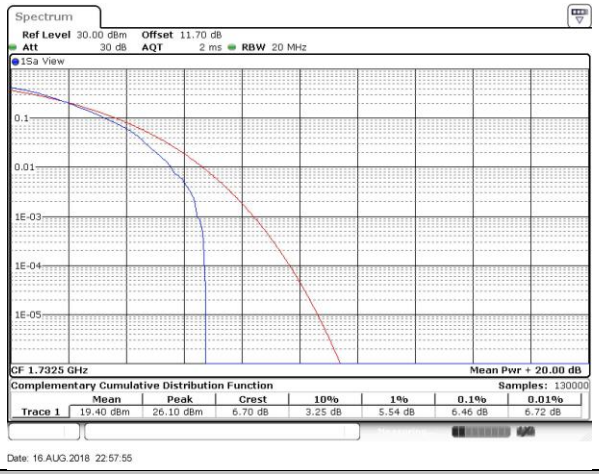
Lowest Channel / 1RB



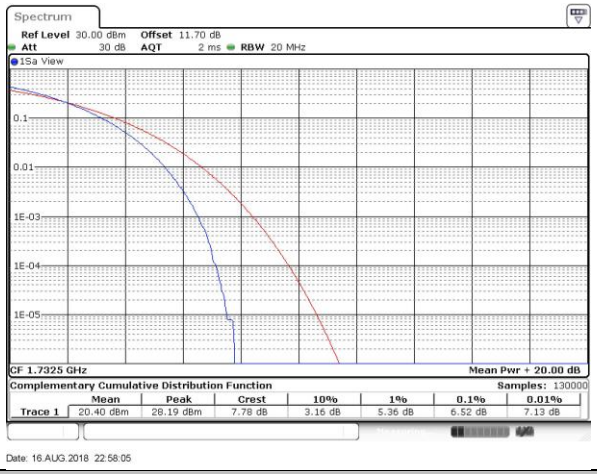
Lowest Channel / Full RB



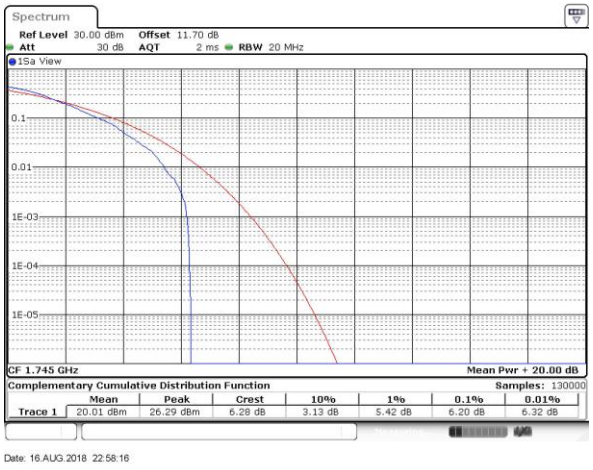
Middle Channel / 1RB



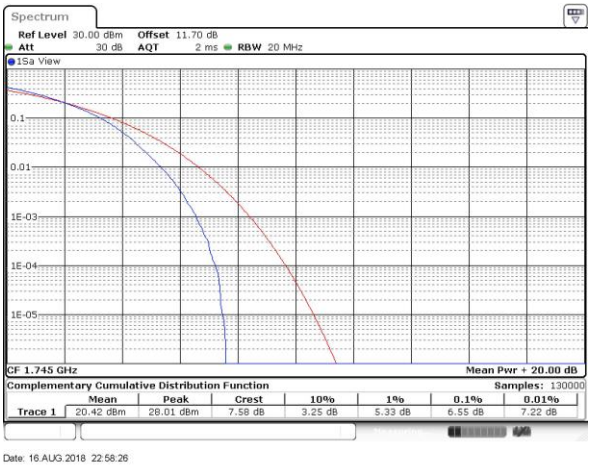
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

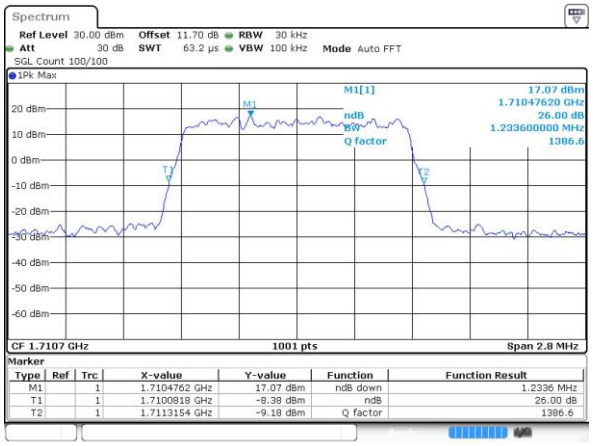


26dB Bandwidth

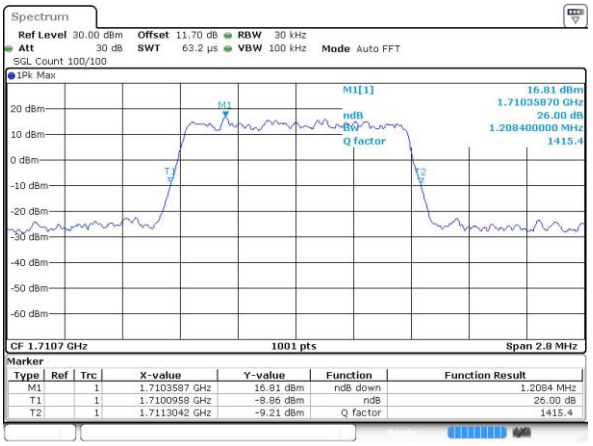
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.21	3.05	3.05	4.85	4.90	9.71	9.83	14.36	14.57	20.18	20.18
Middle CH	1.23	1.23	3.04	3.05	4.94	4.90	9.93	9.79	14.60	14.57	20.30	20.02
Highest CH	1.23	1.22	3.03	3.00	4.92	5.02	9.83	9.75	14.24	14.42	20.06	20.14
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.02	-	4.92	-	9.87	-	14.36	-	20.30	-
Middle CH	1.23	-	3.00	-	4.82	-	9.73	-	14.33	-	20.06	-
Highest CH	1.23	-	3.01	-	4.95	-	9.63	-	14.15	-	20.10	-

LTE Band 4

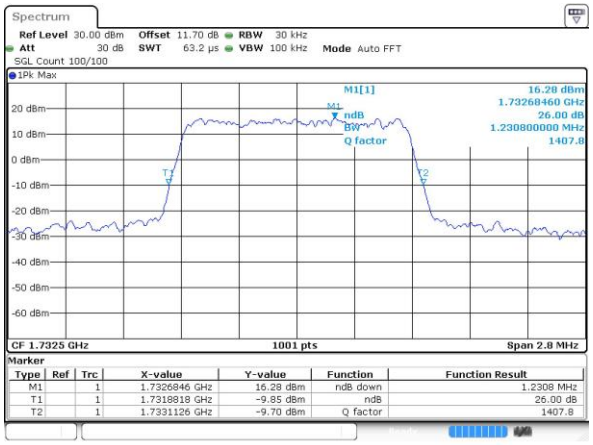
Lowest Channel / 1.4MHz / QPSK



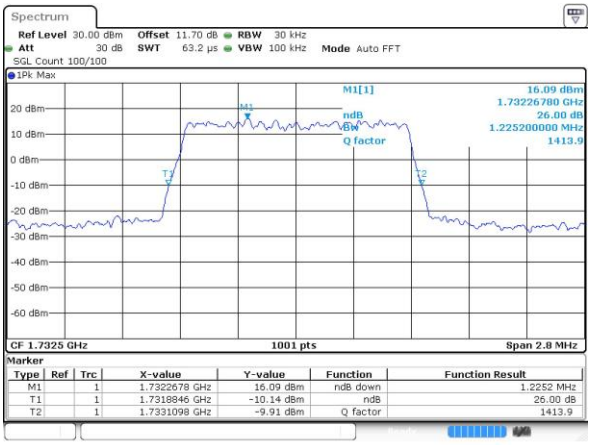
Lowest Channel / 1.4MHz / 16QAM



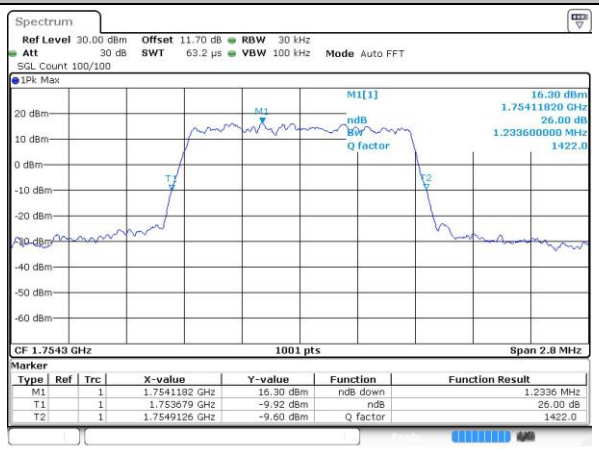
Middle Channel / 1.4MHz / QPSK



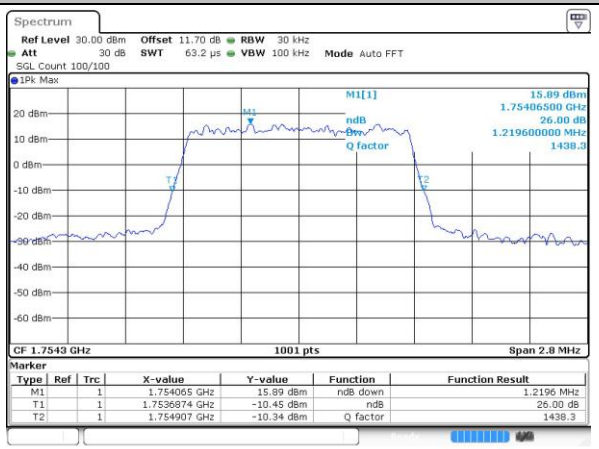
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

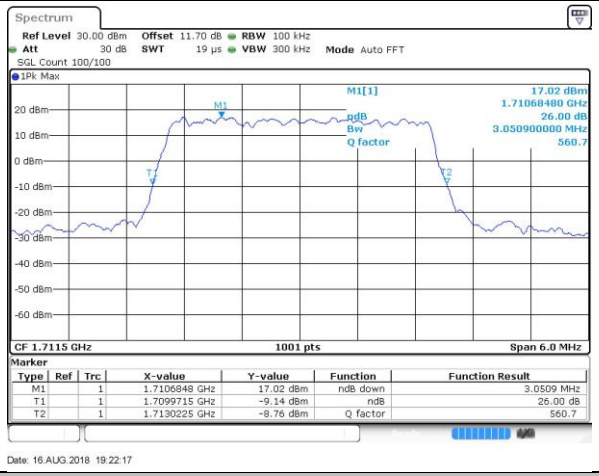


Highest Channel / 1.4MHz / 16QAM

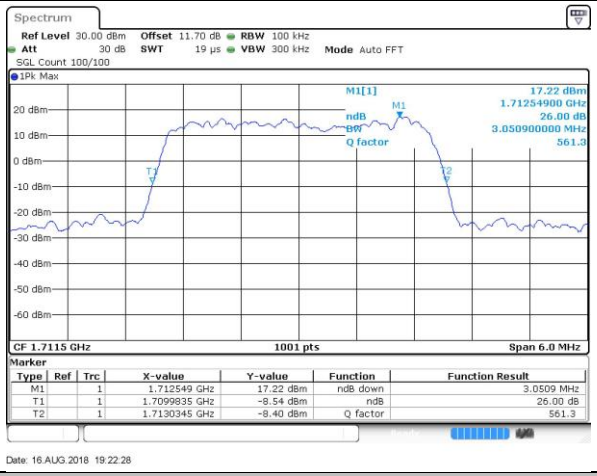


LTE Band 4

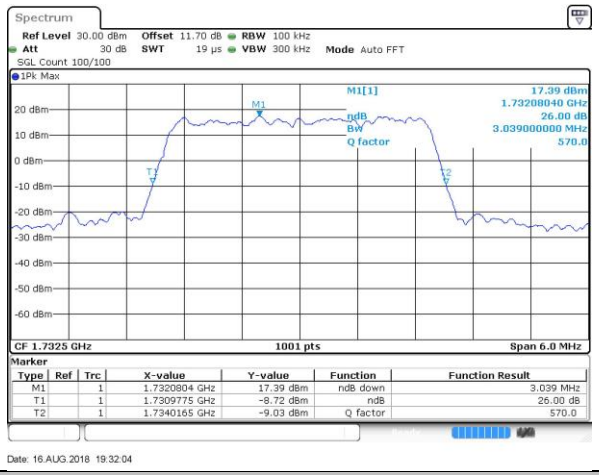
Lowest Channel / 3MHz / QPSK



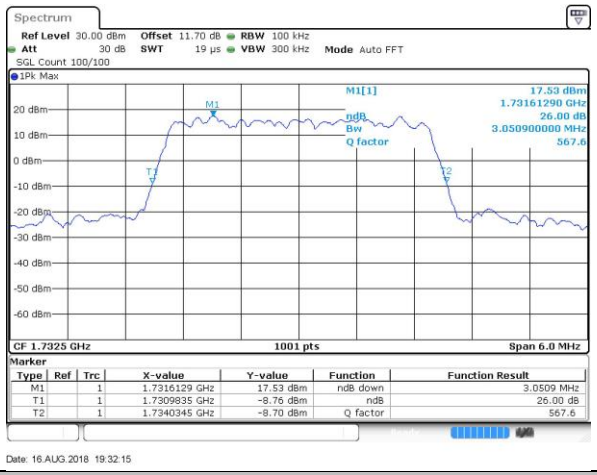
Lowest Channel / 3MHz / 16QAM



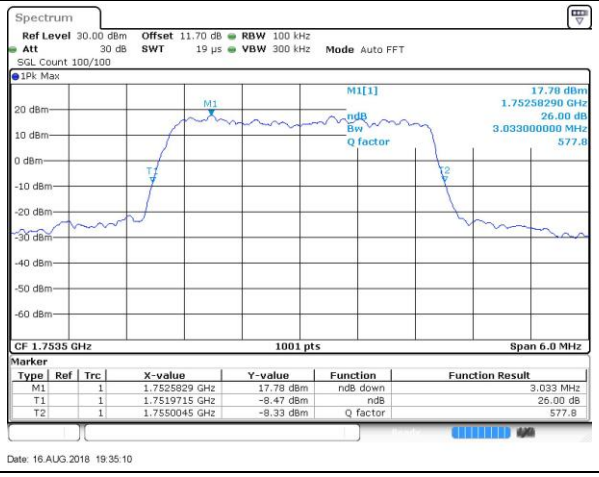
Middle Channel / 3MHz / QPSK



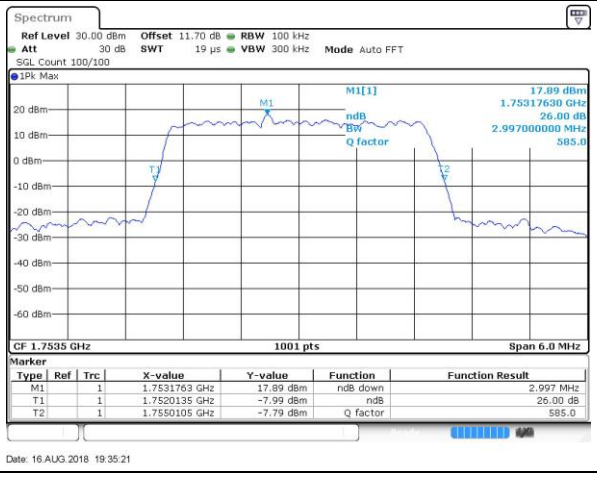
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

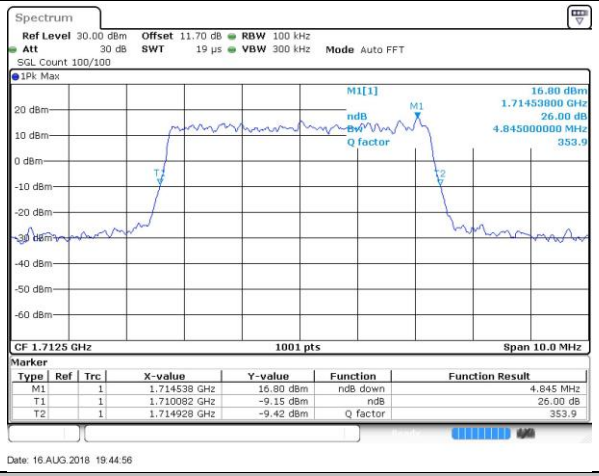


Highest Channel / 3MHz / 16QAM

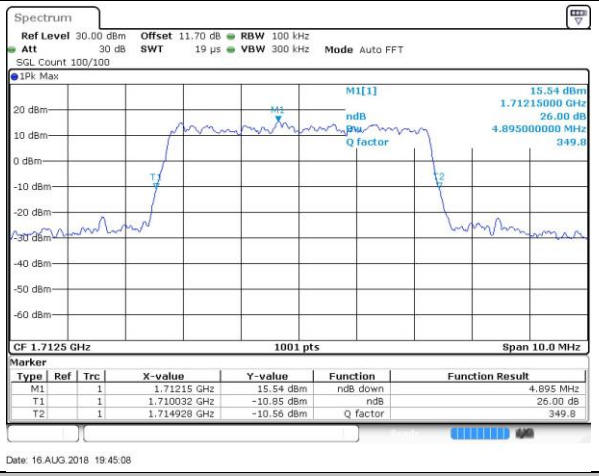


LTE Band 4

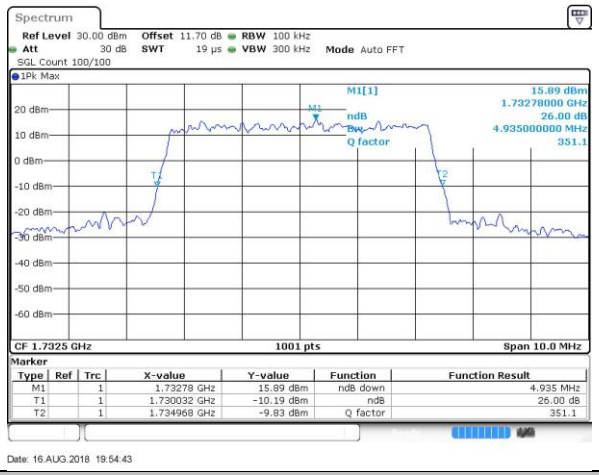
Lowest Channel / 5MHz / QPSK



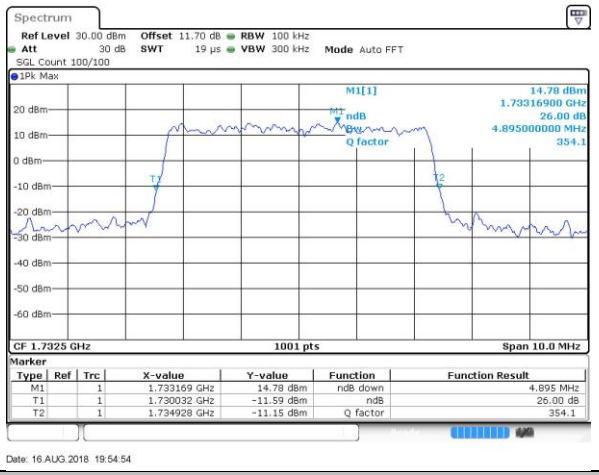
Lowest Channel / 5MHz / 16QAM



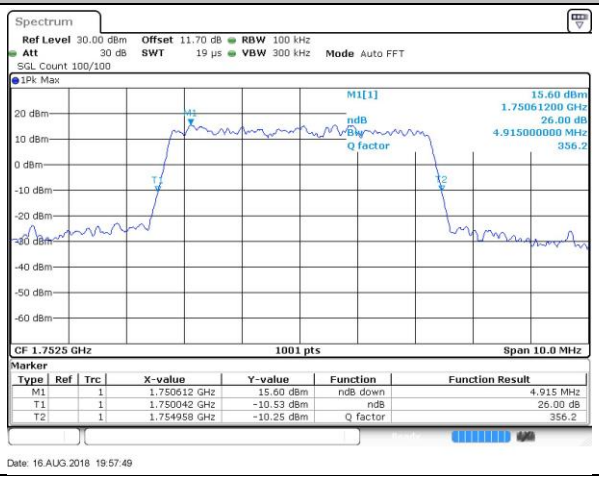
Middle Channel / 5MHz / QPSK



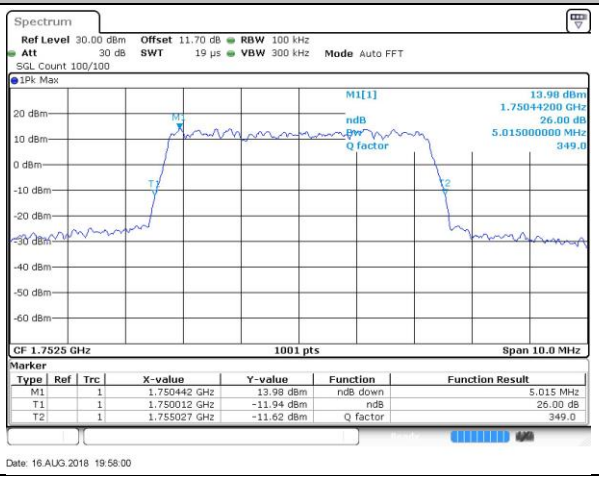
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

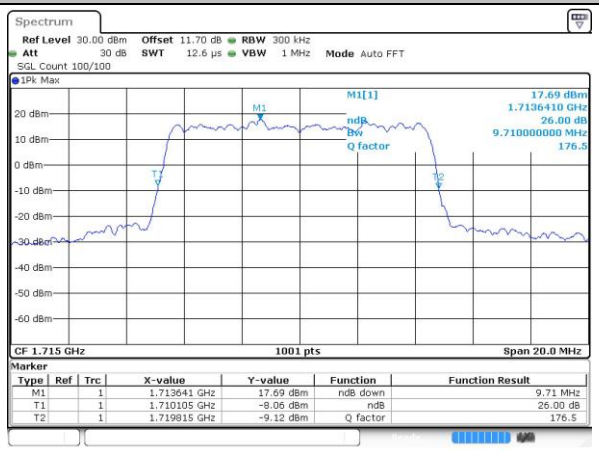


Highest Channel / 5MHz / 16QAM

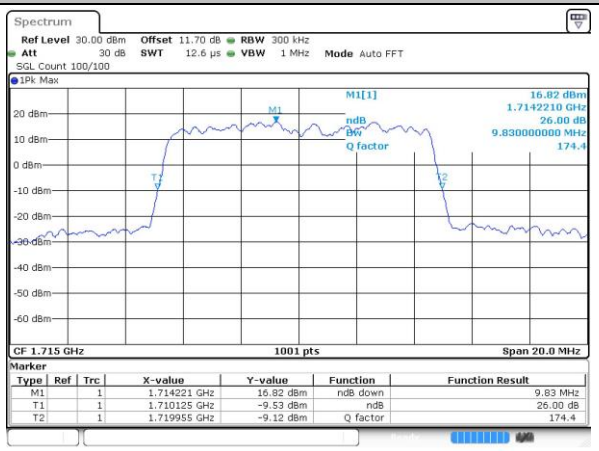


LTE Band 4

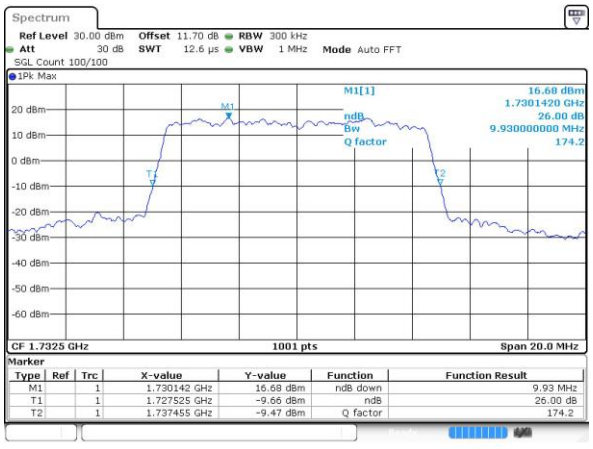
Lowest Channel / 10MHz / QPSK



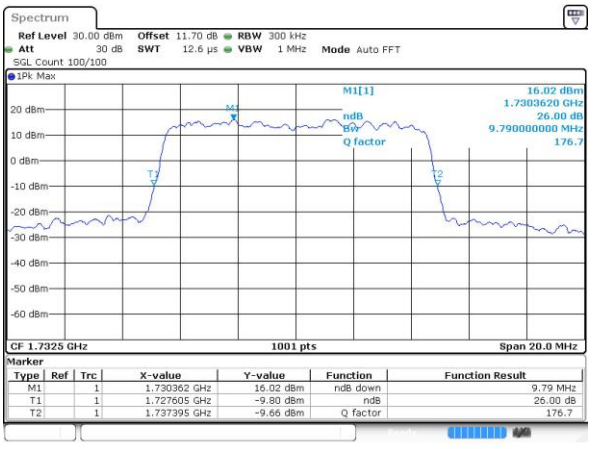
Lowest Channel / 10MHz / 16QAM



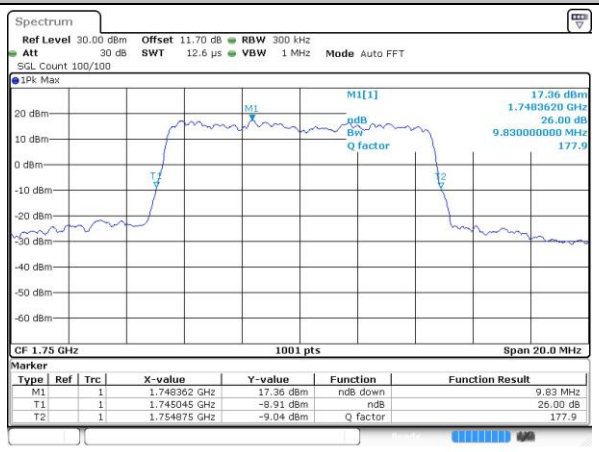
Middle Channel / 10MHz / QPSK



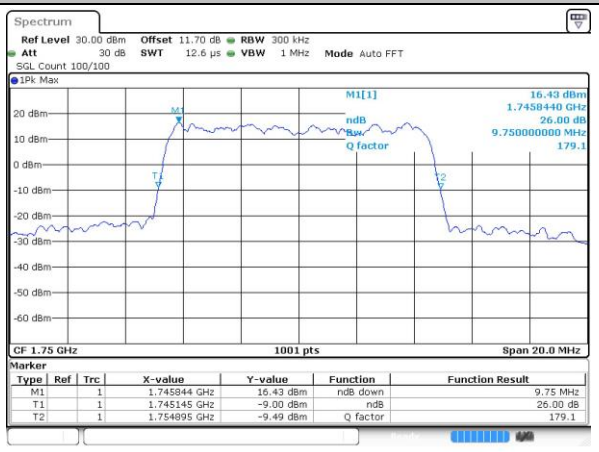
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

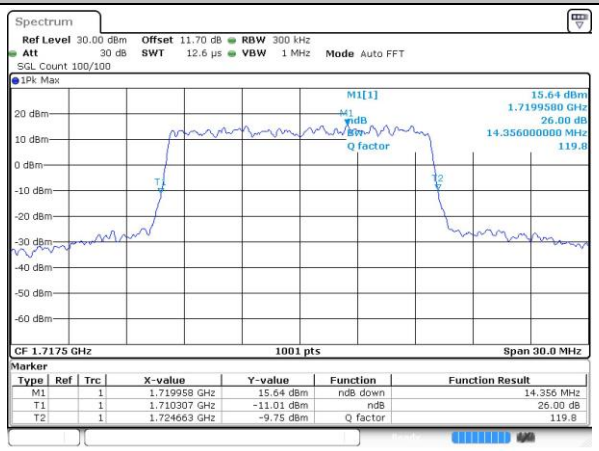


Highest Channel / 10MHz / 16QAM

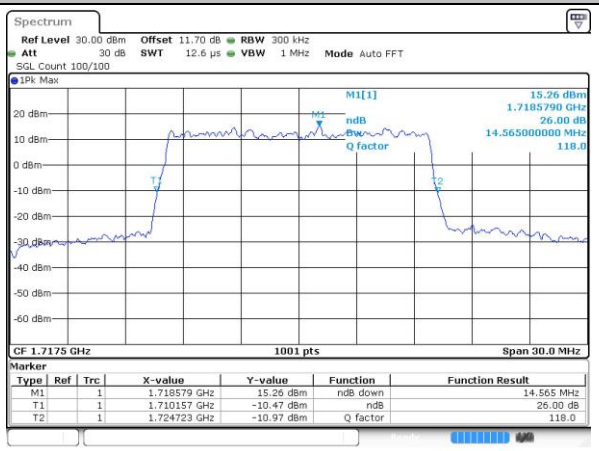


LTE Band 4

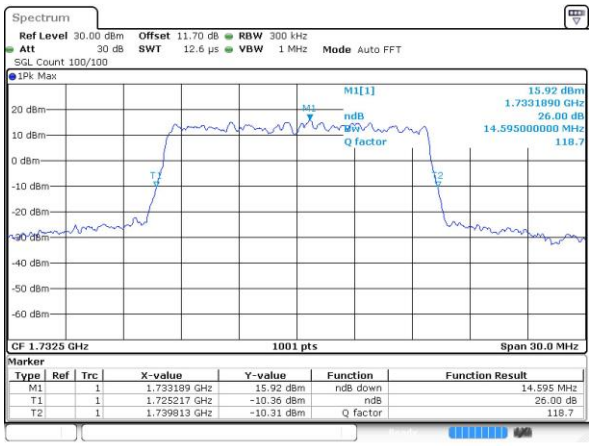
Lowest Channel / 15MHz / QPSK



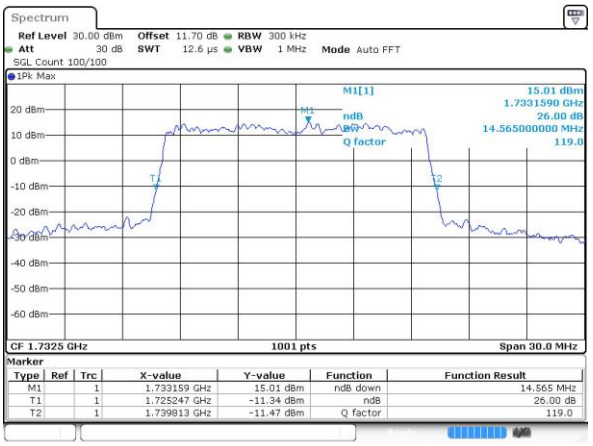
Lowest Channel / 15MHz / 16QAM



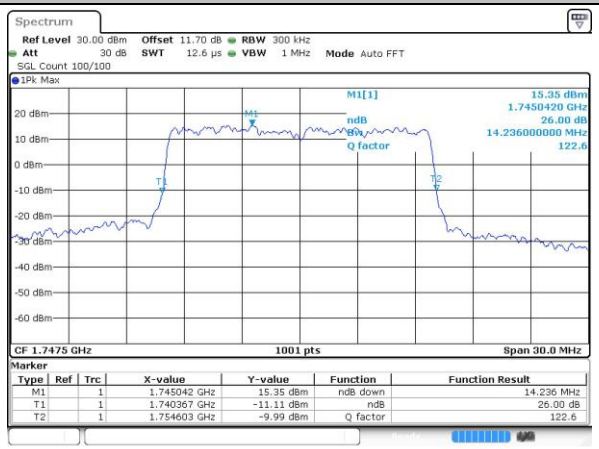
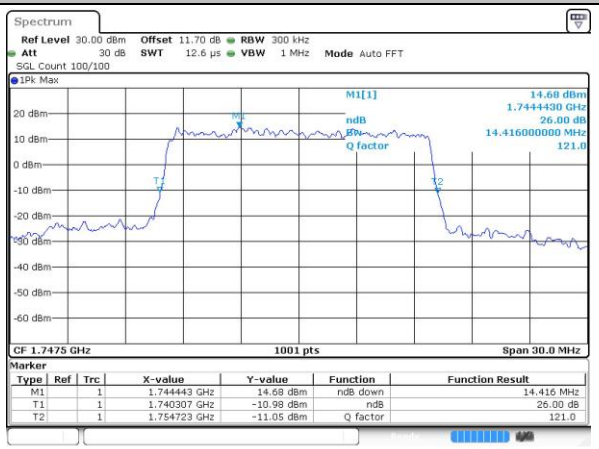
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM