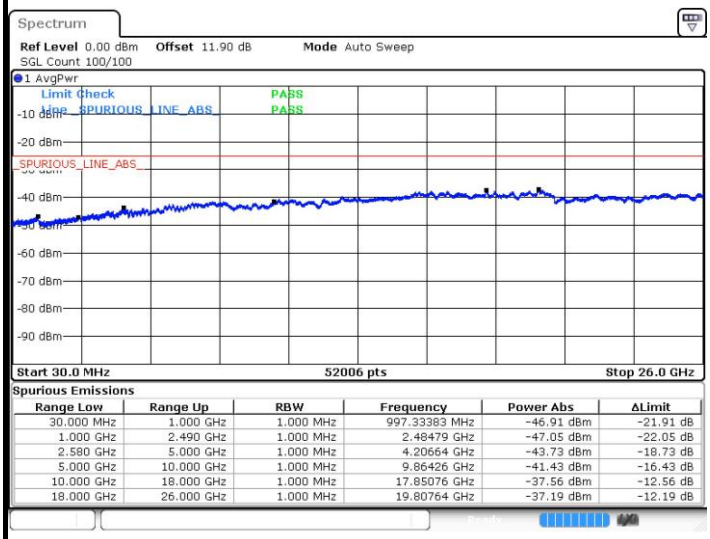
LTE Band 7 / 10MHz

Middle Channel / QPSK

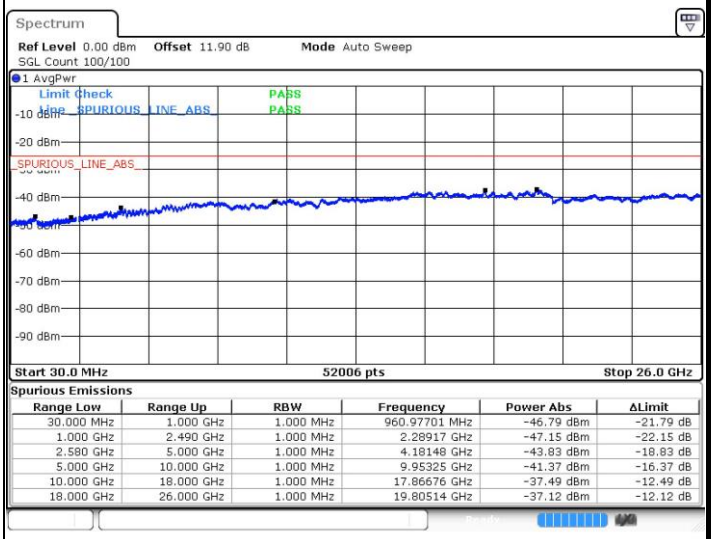


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-46.91 dBm	-21.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-47.05 dBm	-22.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20664 GHz	-43.73 dBm	-18.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.86426 GHz	-41.43 dBm	-16.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85076 GHz	-37.56 dBm	-12.56 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80764 GHz	-37.19 dBm	-12.19 dB

Date: 25.JUN.2019 19:53:58

Middle Channel / 16QAM

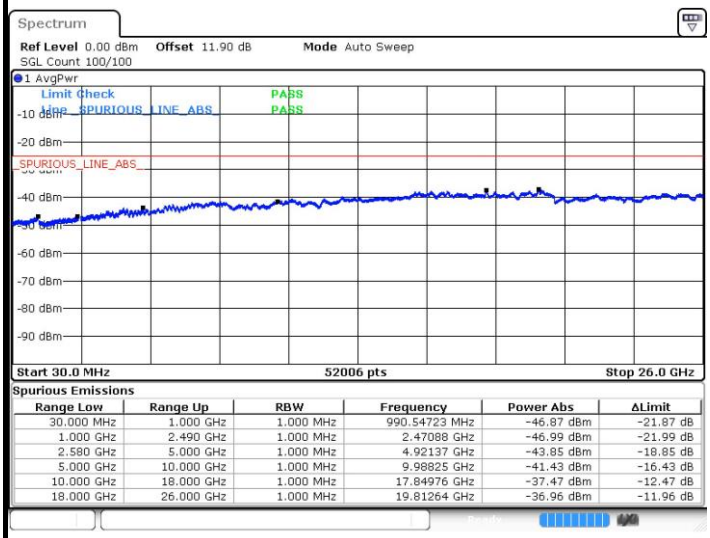


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-46.79 dBm	-21.79 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28917 GHz	-47.15 dBm	-22.15 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18148 GHz	-43.83 dBm	-18.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95325 GHz	-41.37 dBm	-16.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.86676 GHz	-37.49 dBm	-12.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80514 GHz	-37.12 dBm	-12.12 dB

Date: 25.JUN.2019 19:54:44

Highest Channel / QPSK

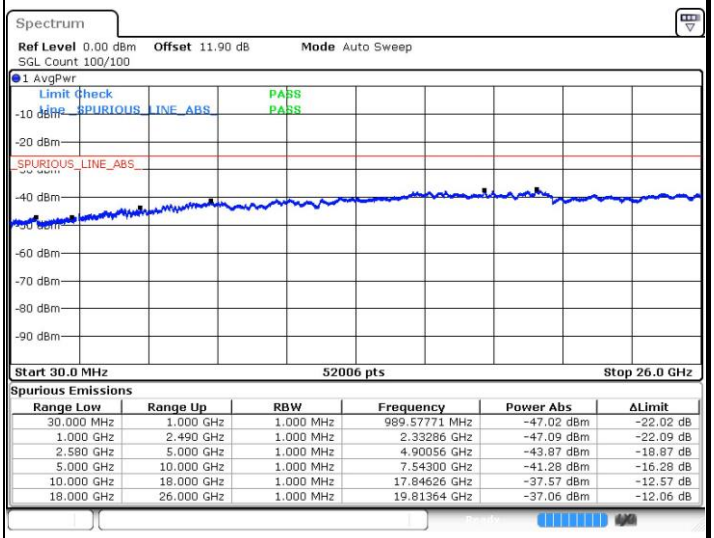


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.54723 MHz	-46.87 dBm	-21.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47088 GHz	-46.99 dBm	-21.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92137 GHz	-43.85 dBm	-18.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98825 GHz	-41.43 dBm	-16.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84976 GHz	-37.47 dBm	-12.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81264 GHz	-36.96 dBm	-11.96 dB

Date: 25.JUN.2019 19:58:26

Highest Channel / 16QAM



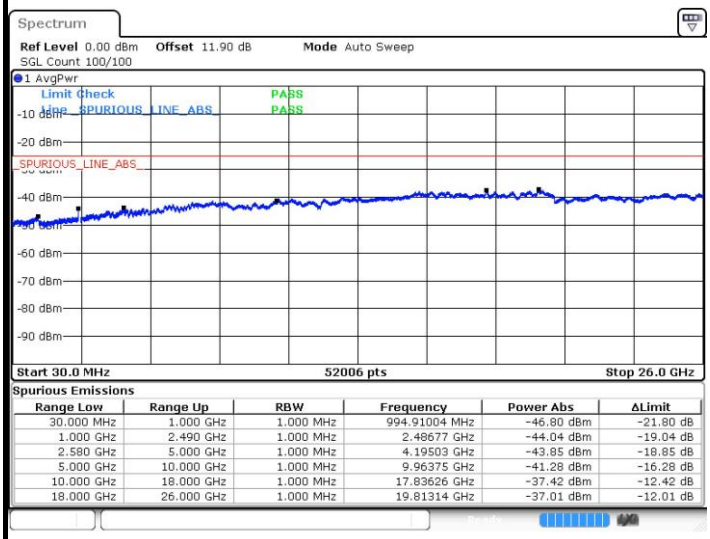
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.02 dBm	-22.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33286 GHz	-47.09 dBm	-22.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.90056 GHz	-43.87 dBm	-18.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54300 GHz	-41.28 dBm	-16.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84626 GHz	-37.57 dBm	-12.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81364 GHz	-37.06 dBm	-12.06 dB

Date: 25.JUN.2019 19:59:12

LTE Band 7 / 15MHz

Lowest Channel / QPSK

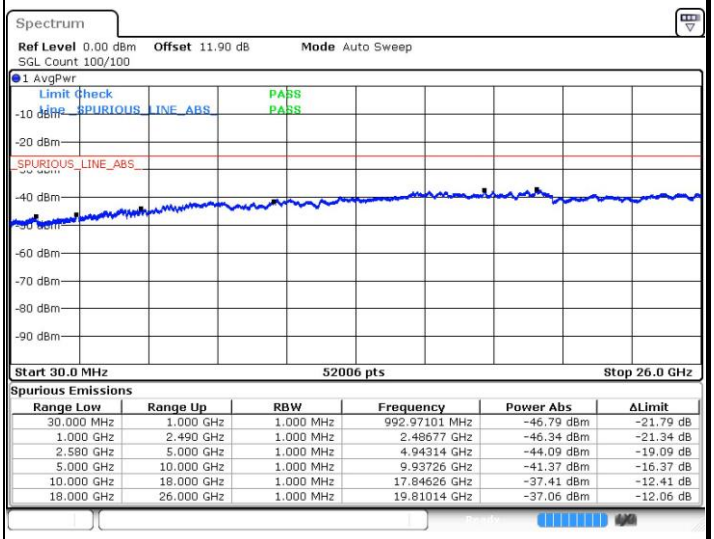


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-46.80 dBm	-21.80 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-44.04 dBm	-19.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19503 GHz	-43.85 dBm	-18.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96375 GHz	-41.28 dBm	-16.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83626 GHz	-37.42 dBm	-12.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81314 GHz	-37.01 dBm	-12.01 dB

Date: 25.JUN.2019 20:08:33

Lowest Channel / 16QAM

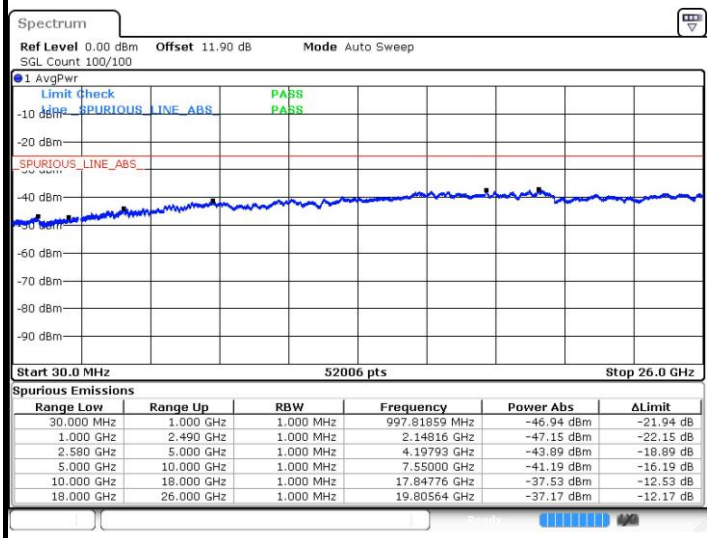


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-46.79 dBm	-21.79 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-46.34 dBm	-21.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94314 GHz	-44.09 dBm	-19.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93726 GHz	-41.37 dBm	-16.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84626 GHz	-37.41 dBm	-12.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81014 GHz	-37.06 dBm	-12.06 dB

Date: 25.JUN.2019 20:09:18

Middle Channel / QPSK

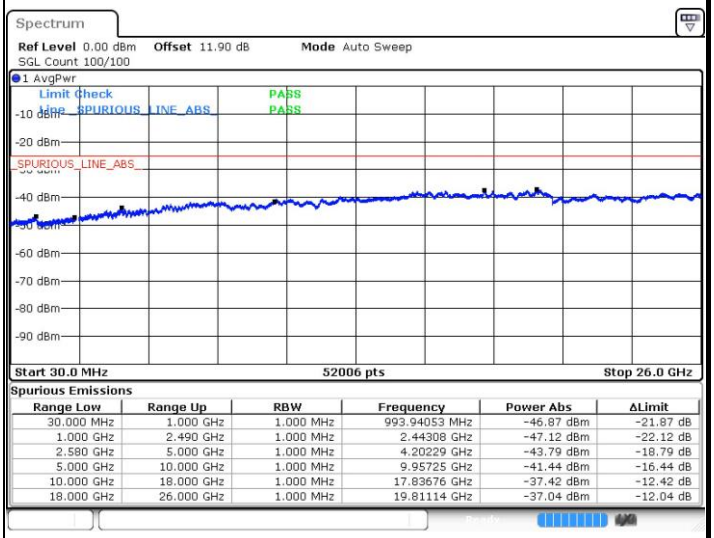


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-46.94 dBm	-21.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14816 GHz	-47.15 dBm	-22.15 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19793 GHz	-43.89 dBm	-18.89 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55000 GHz	-41.19 dBm	-16.19 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84776 GHz	-37.53 dBm	-12.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80564 GHz	-37.17 dBm	-12.17 dB

Date: 25.JUN.2019 20:10:51

Middle Channel / 16QAM



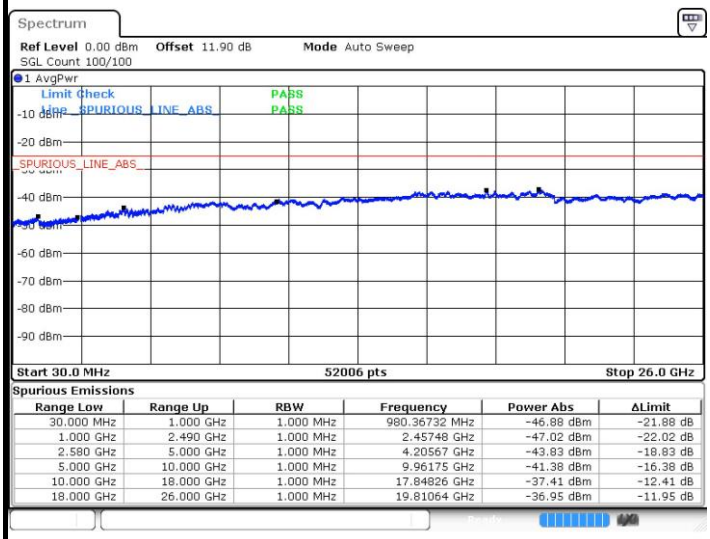
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-46.87 dBm	-21.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44308 GHz	-47.12 dBm	-22.12 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20229 GHz	-43.79 dBm	-18.79 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95725 GHz	-41.44 dBm	-16.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83676 GHz	-37.42 dBm	-12.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81114 GHz	-37.04 dBm	-12.04 dB

Date: 25.JUN.2019 20:11:36

LTE Band7 / 15MHz

Highest Channel / QPSK

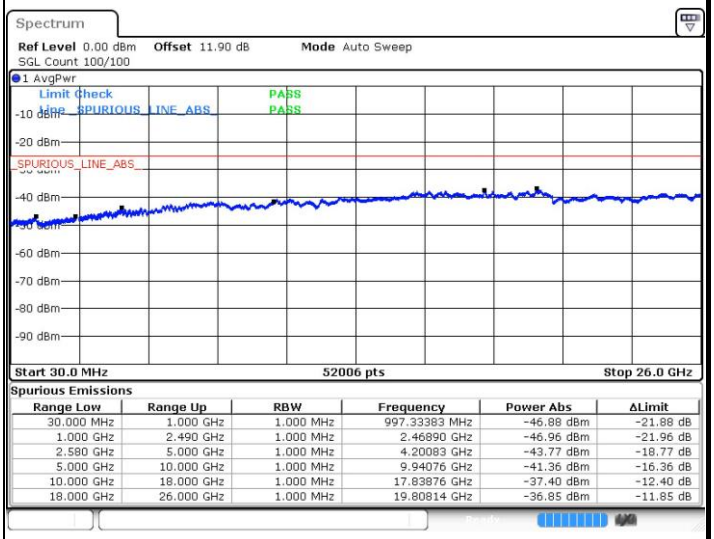


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-46.88 dBm	-21.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45748 GHz	-47.02 dBm	-22.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20567 GHz	-43.83 dBm	-18.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96175 GHz	-41.38 dBm	-16.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84826 GHz	-37.41 dBm	-12.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81064 GHz	-36.95 dBm	-11.95 dB

Date: 25.JUN.2019 20:15:19

Highest Channel / 16QAM



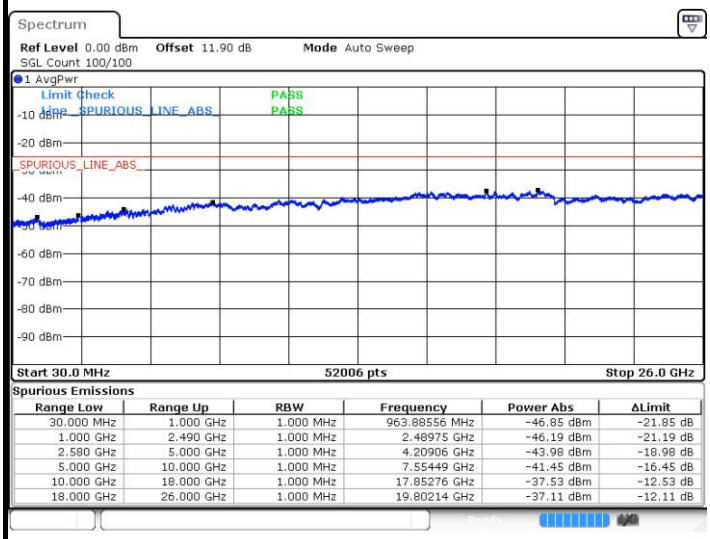
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-46.88 dBm	-21.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46890 GHz	-46.96 dBm	-21.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20083 GHz	-43.77 dBm	-18.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94076 GHz	-41.36 dBm	-16.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83876 GHz	-37.40 dBm	-12.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80814 GHz	-36.85 dBm	-11.85 dB

Date: 25.JUN.2019 20:16:05

LTE Band 7 / 20MHz

Lowest Channel / QPSK

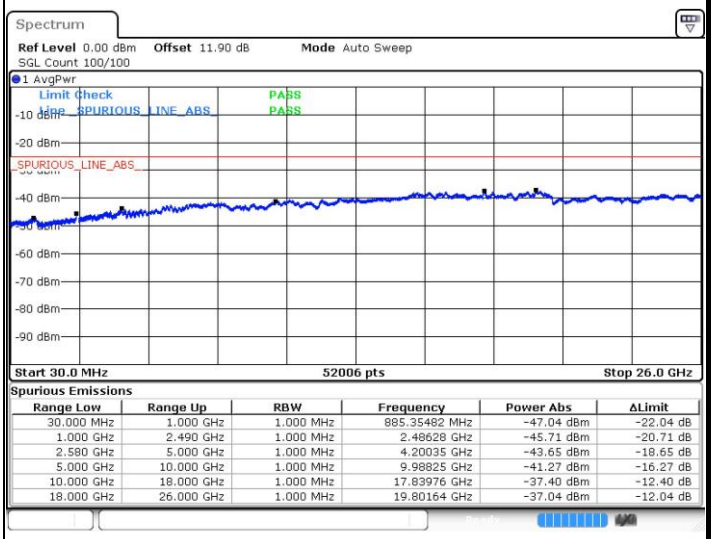


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-46.85 dBm	-21.85 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.19 dBm	-21.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20906 GHz	-43.98 dBm	-18.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55449 GHz	-41.45 dBm	-16.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85276 GHz	-37.53 dBm	-12.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80214 GHz	-37.11 dBm	-12.11 dB

Date: 25.JUN.2019 20:25:25

Lowest Channel / 16QAM



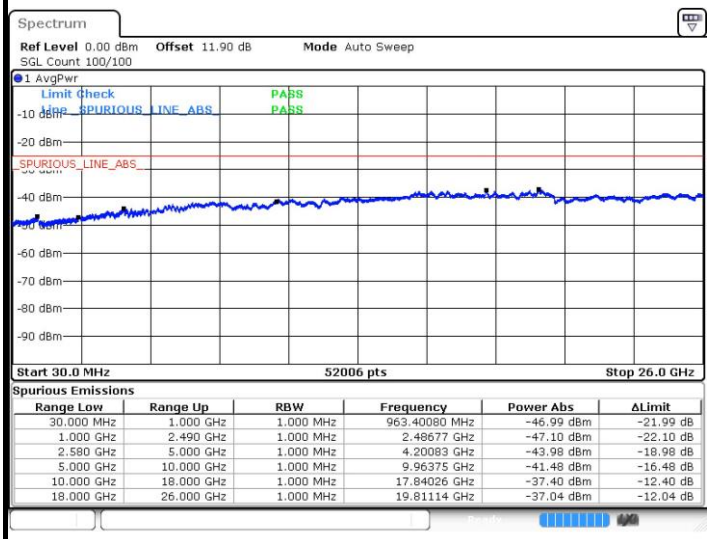
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.35482 MHz	-47.04 dBm	-22.04 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-45.71 dBm	-20.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20035 GHz	-43.65 dBm	-18.65 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98825 GHz	-41.27 dBm	-16.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83976 GHz	-37.40 dBm	-12.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-37.04 dBm	-12.04 dB

Date: 25.JUN.2019 20:26:10

LTE Band 7 / 20MHz

Middle Channel / QPSK

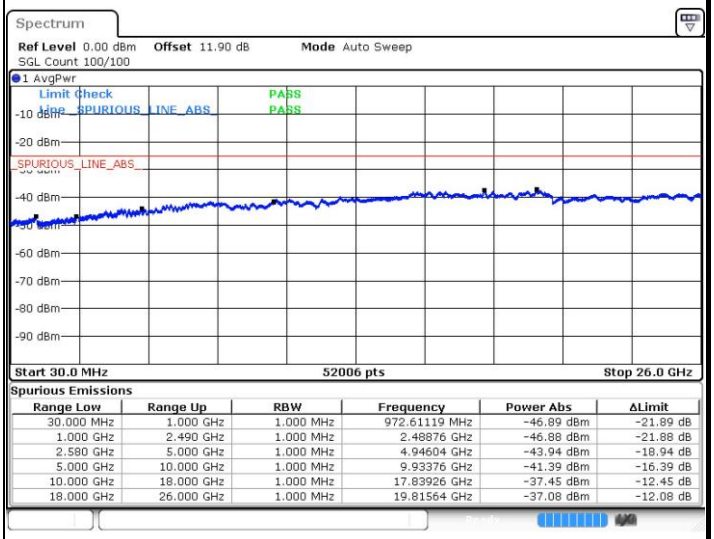


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-46.99 dBm	-21.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20083 GHz	-43.98 dBm	-18.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96375 GHz	-41.48 dBm	-16.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84026 GHz	-37.40 dBm	-12.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81114 GHz	-37.04 dBm	-12.04 dB

Date: 25.JUN.2019 20:27:43

Middle Channel / 16QAM

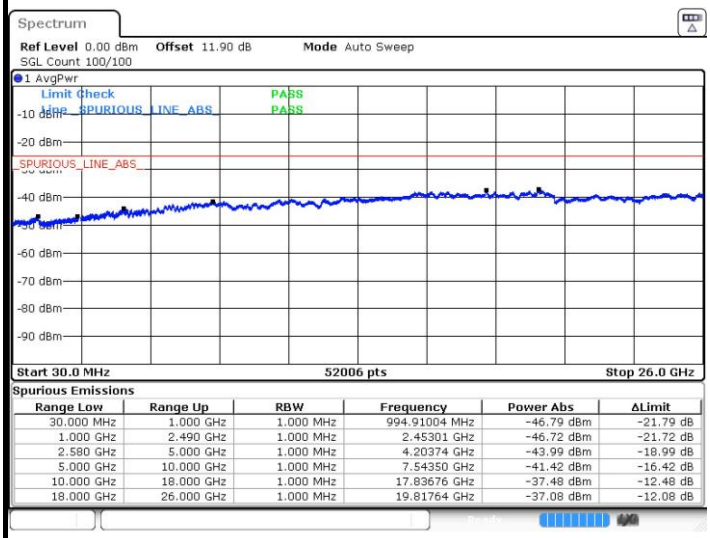


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.61119 MHz	-46.89 dBm	-21.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-46.88 dBm	-21.88 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94604 GHz	-43.94 dBm	-18.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93376 GHz	-41.39 dBm	-16.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83926 GHz	-37.45 dBm	-12.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81564 GHz	-37.08 dBm	-12.08 dB

Date: 25.JUN.2019 20:28:28

Highest Channel / QPSK

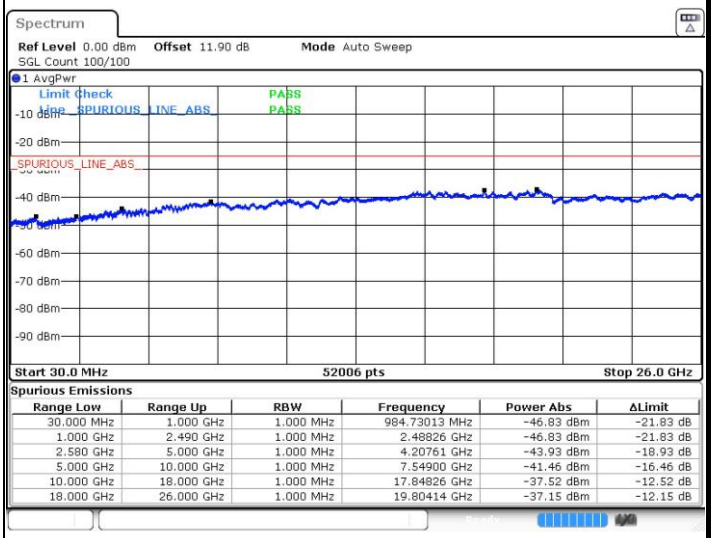


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-46.79 dBm	-21.79 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45301 GHz	-46.72 dBm	-21.72 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20374 GHz	-43.99 dBm	-18.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54350 GHz	-41.42 dBm	-16.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83676 GHz	-37.48 dBm	-12.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81764 GHz	-37.08 dBm	-12.08 dB

Date: 29.JUN.2019 08:43:16

Highest Channel / 16QAM



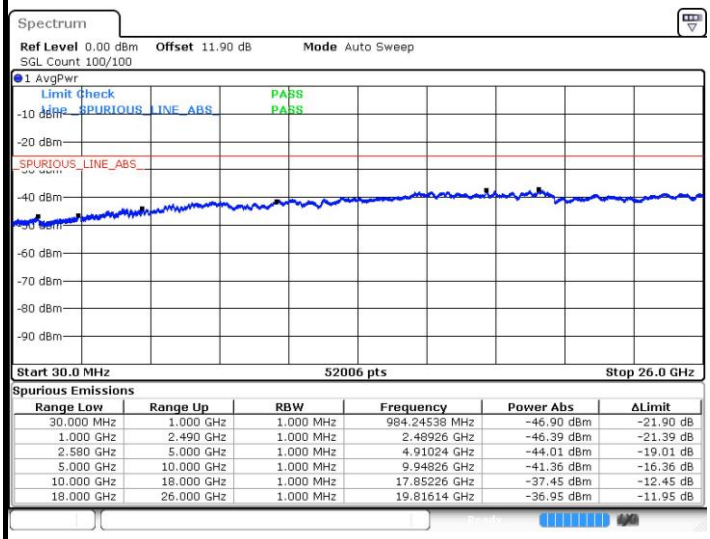
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-46.83 dBm	-21.83 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-46.83 dBm	-21.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20761 GHz	-43.93 dBm	-18.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54900 GHz	-41.46 dBm	-16.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84826 GHz	-37.52 dBm	-12.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80414 GHz	-37.15 dBm	-12.15 dB

Date: 29.JUN.2019 08:44:00

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

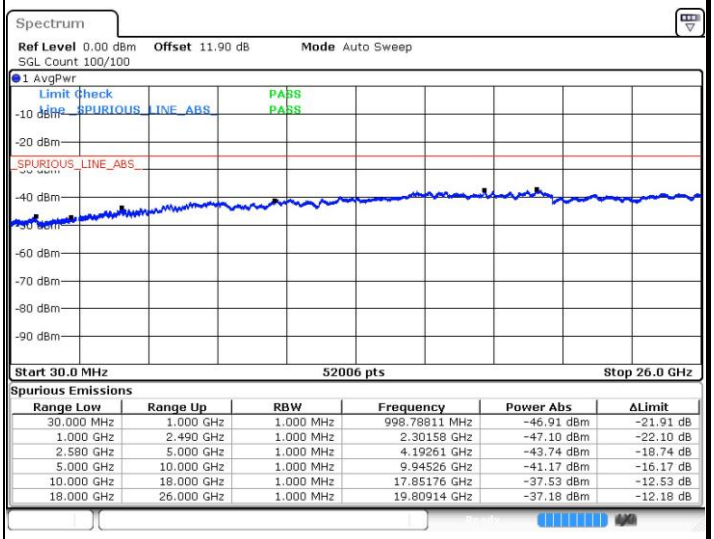


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-46.39 dBm	-21.39 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.91024 GHz	-44.01 dBm	-19.01 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94826 GHz	-41.36 dBm	-16.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85226 GHz	-37.45 dBm	-12.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81614 GHz	-36.95 dBm	-11.95 dB

Date: 25.JUN.2019 19:44:31

Middle Channel / 64QAM

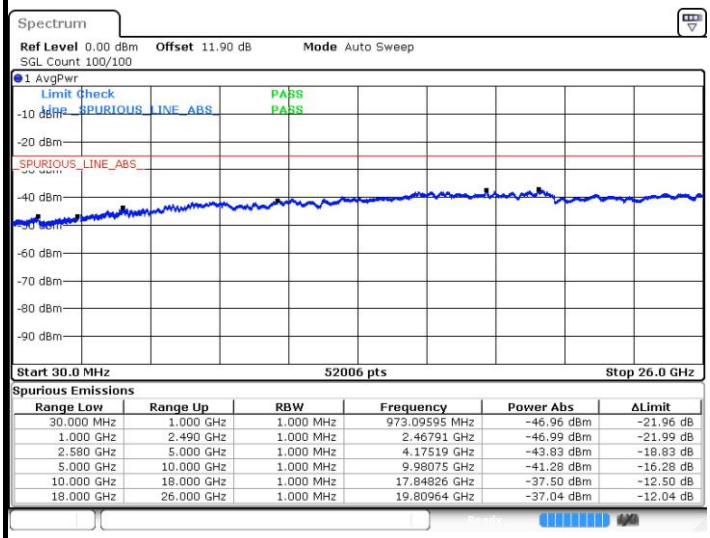


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-46.91 dBm	-21.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30158 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19261 GHz	-43.74 dBm	-18.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94526 GHz	-41.17 dBm	-16.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85176 GHz	-37.53 dBm	-12.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80914 GHz	-37.18 dBm	-12.18 dB

Date: 25.JUN.2019 19:45:41

Highest Channel / 64QAM



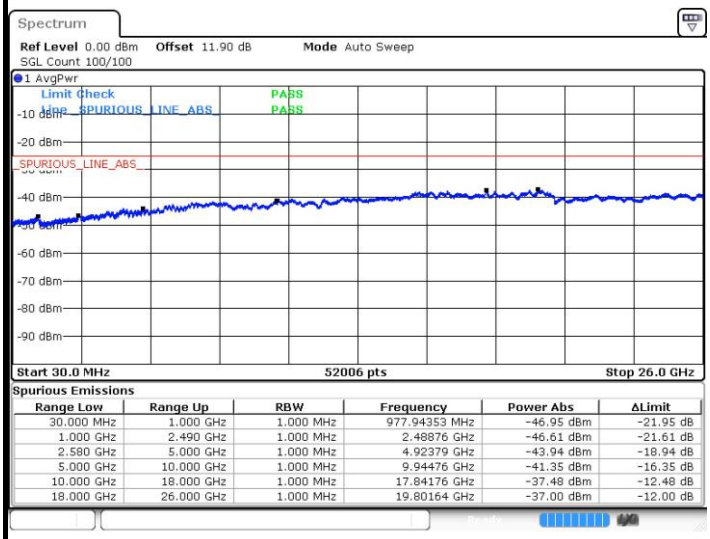
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46791 GHz	-46.99 dBm	-21.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17519 GHz	-43.83 dBm	-18.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98075 GHz	-41.28 dBm	-16.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84826 GHz	-37.50 dBm	-12.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80964 GHz	-37.04 dBm	-12.04 dB

Date: 25.JUN.2019 19:47:54

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

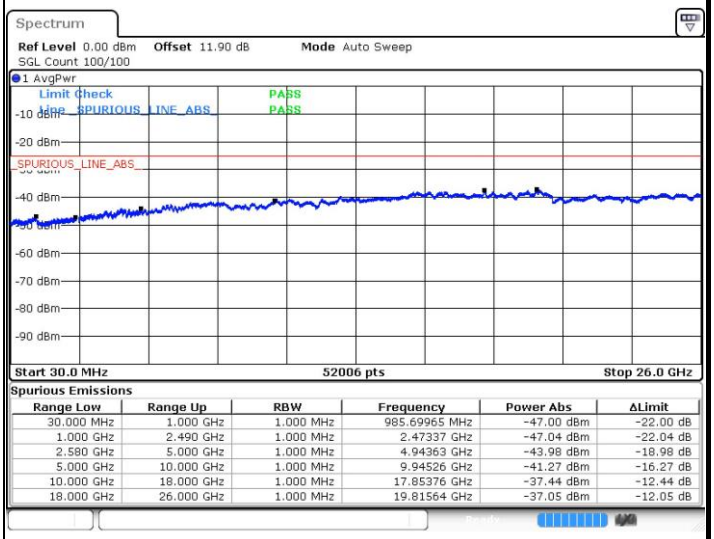


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-46.95 dBm	-21.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-46.61 dBm	-21.61 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92379 GHz	-43.94 dBm	-18.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94476 GHz	-41.35 dBm	-16.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84176 GHz	-37.48 dBm	-12.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80164 GHz	-37.00 dBm	-12.00 dB

Date: 25.JUN.2019 20:01:26

Middle Channel / 64QAM

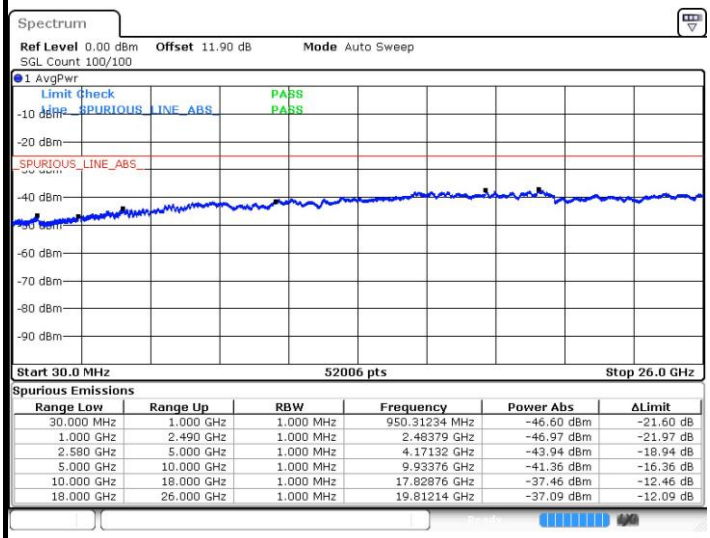


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-47.00 dBm	-22.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47337 GHz	-47.04 dBm	-22.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94363 GHz	-43.98 dBm	-18.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94526 GHz	-41.27 dBm	-16.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85376 GHz	-37.44 dBm	-12.44 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81564 GHz	-37.05 dBm	-12.05 dB

Date: 25.JUN.2019 20:02:35

Highest Channel / 64QAM



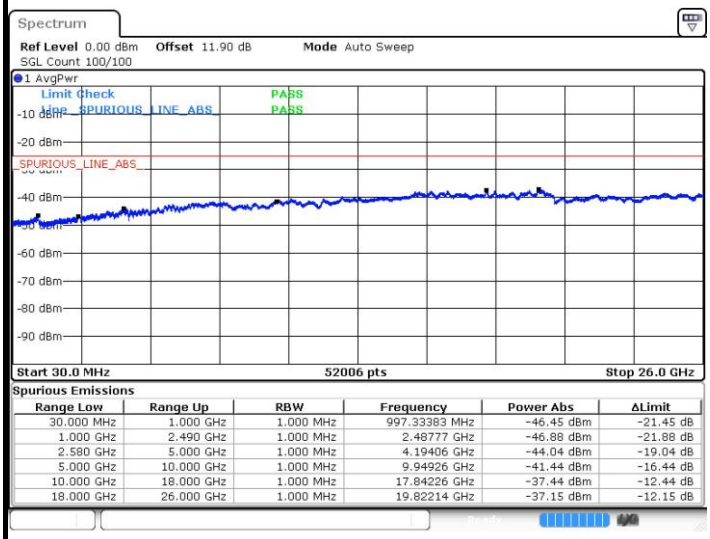
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-46.60 dBm	-21.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-46.97 dBm	-21.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17132 GHz	-43.94 dBm	-18.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93376 GHz	-41.36 dBm	-16.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.82876 GHz	-37.46 dBm	-12.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81214 GHz	-37.09 dBm	-12.09 dB

Date: 25.JUN.2019 20:04:49

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

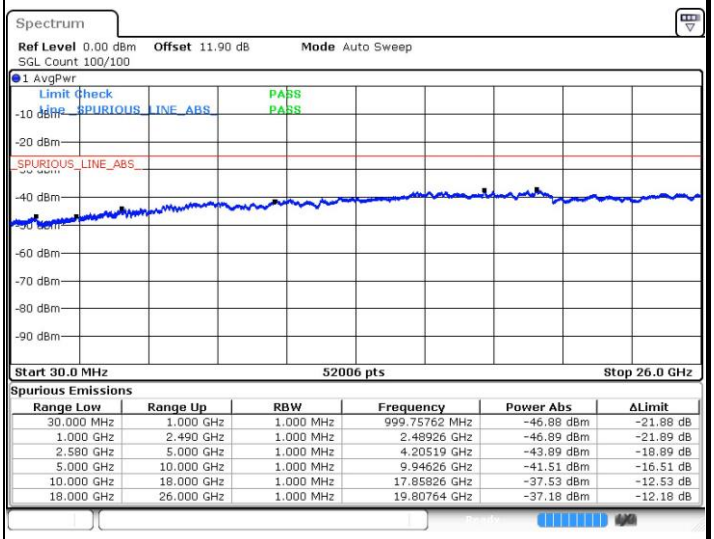


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-46.45 dBm	-21.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.88 dBm	-21.88 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19406 GHz	-44.04 dBm	-19.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-41.44 dBm	-16.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-37.44 dBm	-12.44 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82214 GHz	-37.15 dBm	-12.15 dB

Date: 25.JUN.2019 20:18:19

Middle Channel / 64QAM

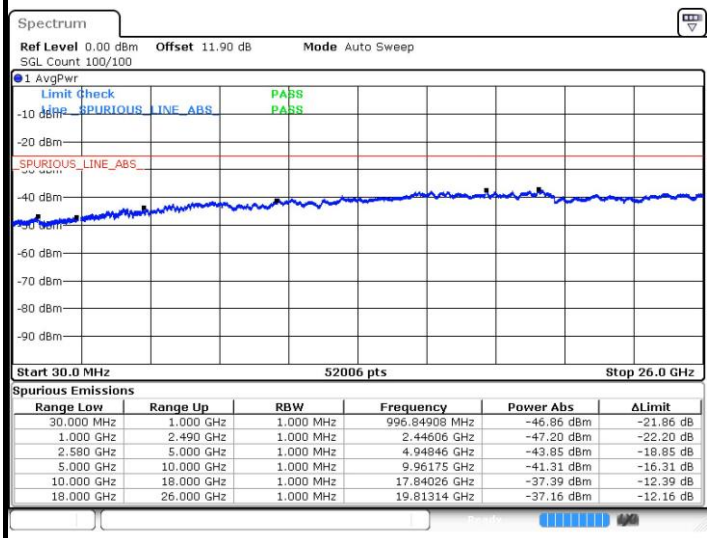


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-46.88 dBm	-21.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-46.89 dBm	-21.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20519 GHz	-43.89 dBm	-18.89 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94626 GHz	-41.51 dBm	-16.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85826 GHz	-37.53 dBm	-12.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80764 GHz	-37.18 dBm	-12.18 dB

Date: 25.JUN.2019 20:19:28

Highest Channel / 64QAM



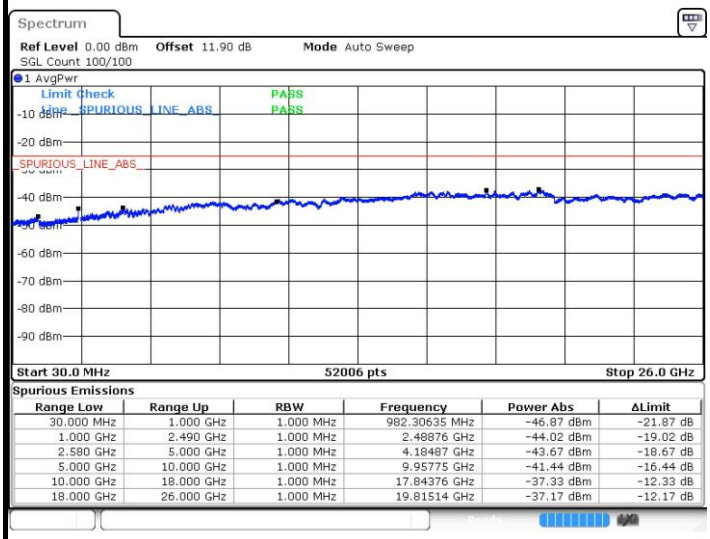
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-46.86 dBm	-21.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44606 GHz	-47.20 dBm	-22.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94846 GHz	-43.85 dBm	-18.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.96175 GHz	-41.31 dBm	-16.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84026 GHz	-37.39 dBm	-12.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81314 GHz	-37.16 dBm	-12.16 dB

Date: 25.JUN.2019 20:21:42

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

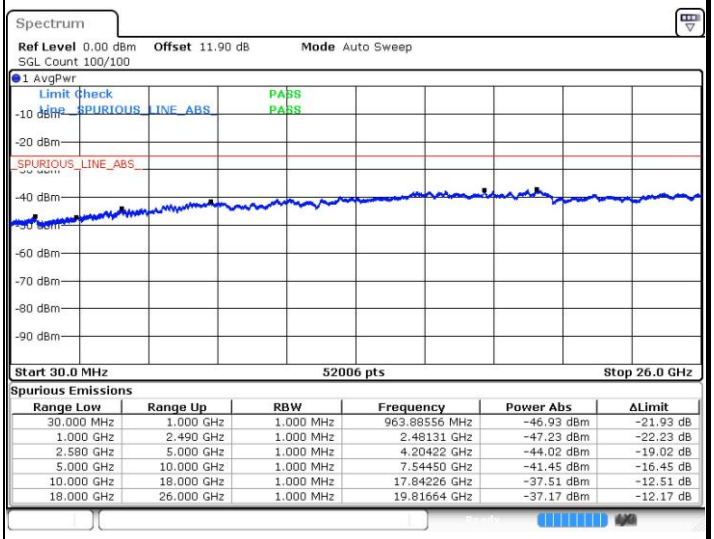


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-46.87 dBm	-21.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-44.02 dBm	-19.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18487 GHz	-43.67 dBm	-18.67 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95775 GHz	-41.44 dBm	-16.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84376 GHz	-37.33 dBm	-12.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-37.17 dBm	-12.17 dB

Date: 25.JUN.2019 20:35:12

Middle Channel / 64QAM

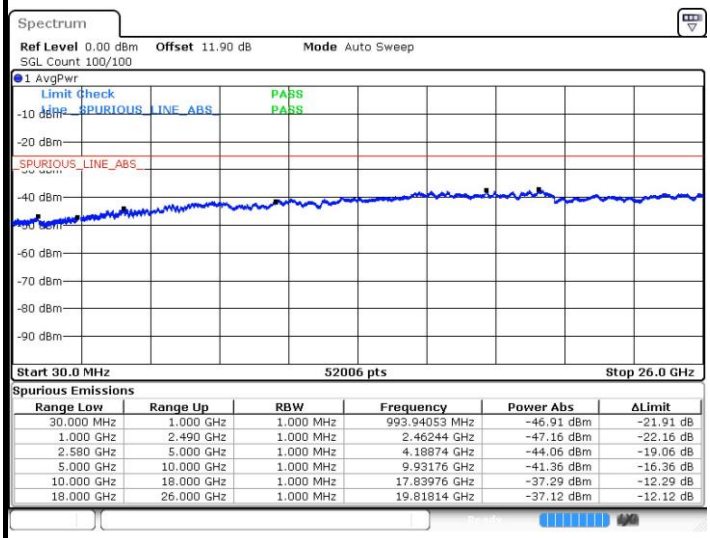


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-46.93 dBm	-21.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48131 GHz	-47.23 dBm	-22.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20422 GHz	-44.02 dBm	-19.02 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54450 GHz	-41.45 dBm	-16.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-37.51 dBm	-12.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81664 GHz	-37.17 dBm	-12.17 dB

Date: 25.JUN.2019 20:36:21

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	-46.91 dBm	-21.91 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46244 GHz	-47.16 dBm	-22.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18874 GHz	-44.06 dBm	-19.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.93176 GHz	-41.36 dBm	-16.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83976 GHz	-37.29 dBm	-12.29 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81814 GHz	-37.12 dBm	-12.12 dB

Date: 25.JUN.2019 20:38:36

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0099	
30	Normal Voltage	0.0103	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0072	
0	Normal Voltage	0.0073	
-10	Normal Voltage	0.0079	
-20	Normal Voltage	0.0077	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0078	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0080	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

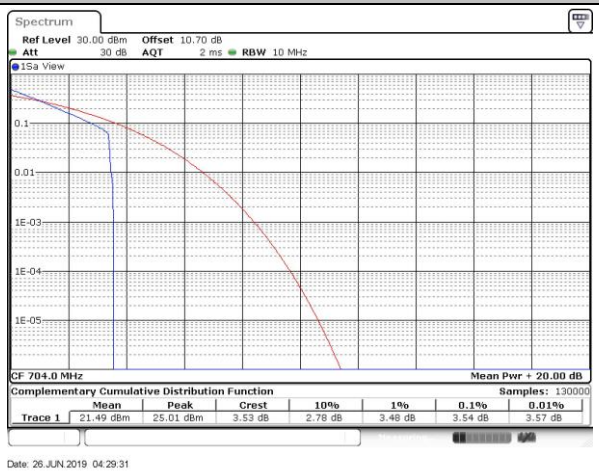
LTE Band 12

Peak-to-Average Ratio

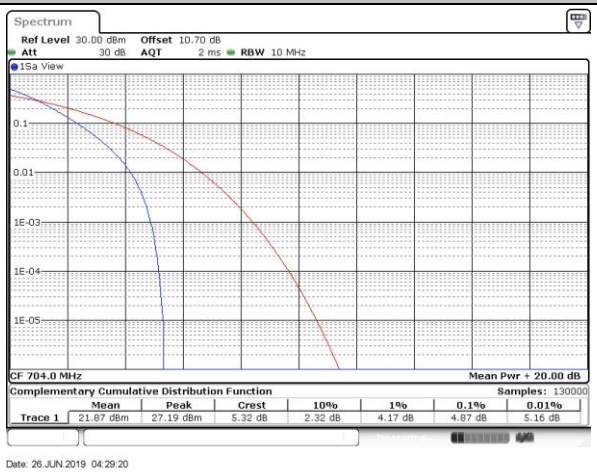
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.54	4.87	4.41	5.83	PASS
Middle CH	3.77	4.90	3.94	5.94	
Highest CH	3.62	5.13	4.09	5.86	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.10	6.35	-	-	PASS
Middle CH	5.16	6.29	-	-	
Highest CH	5.33	6.41	-	-	

LTE Band 12 / 10MHz / QPSK

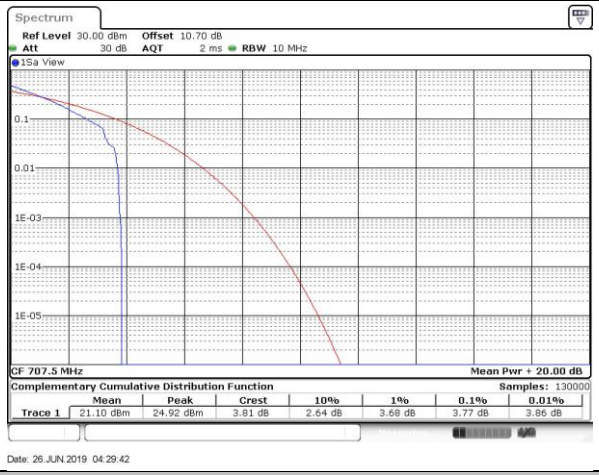
Lowest Channel / 1RB



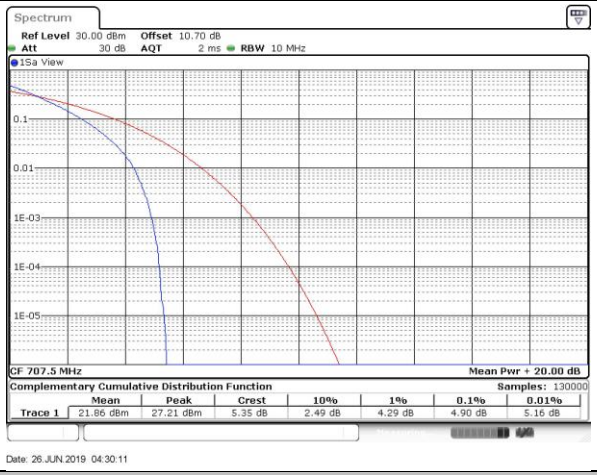
Lowest Channel / Full RB



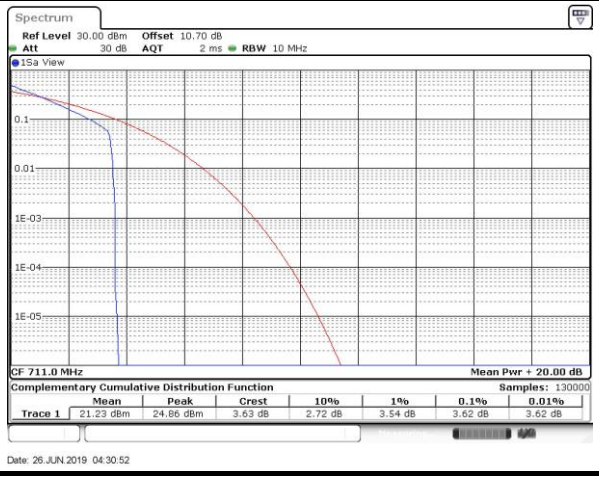
Middle Channel / 1RB



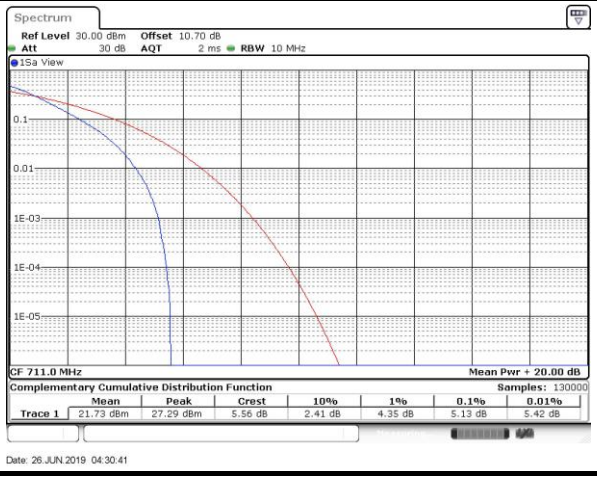
Middle Channel / Full RB



Highest Channel / 1RB

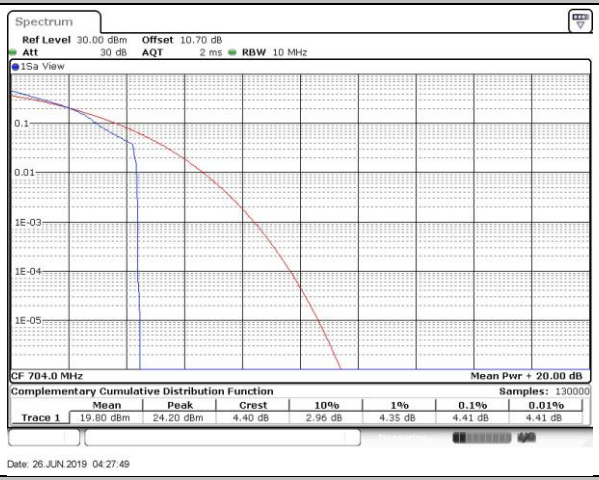


Highest Channel / Full RB

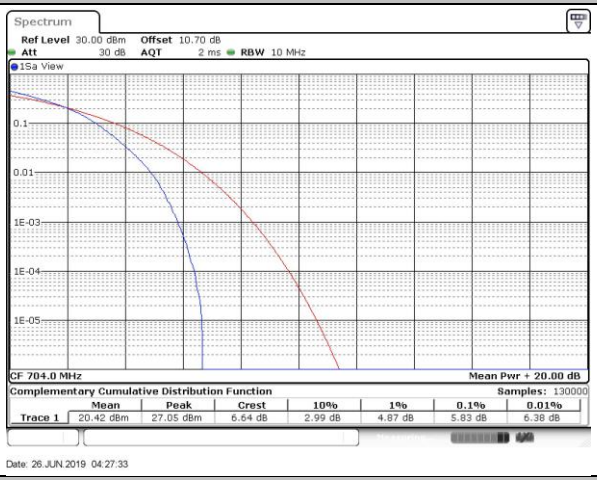


LTE Band 12 / 10MHz / 16QAM

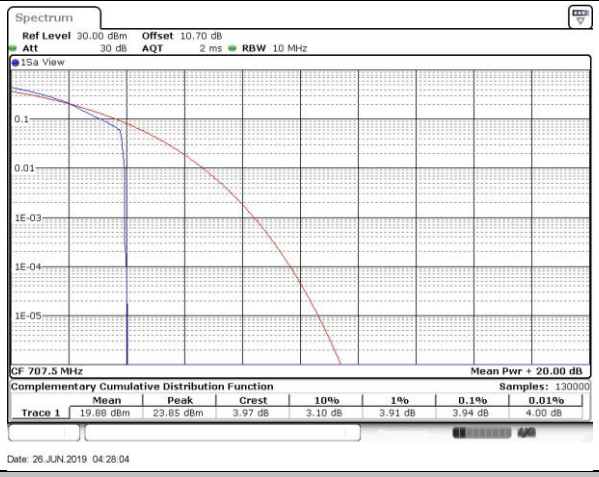
Lowest Channel / 1RB



Lowest Channel / Full RB

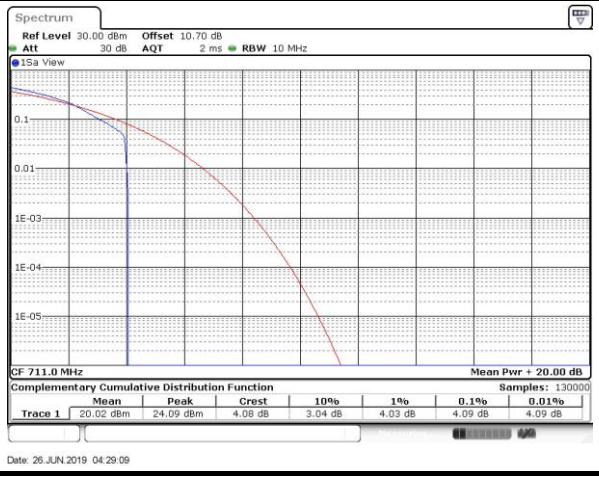


Middle Channel / 1RB



Middle Channel / Full RB

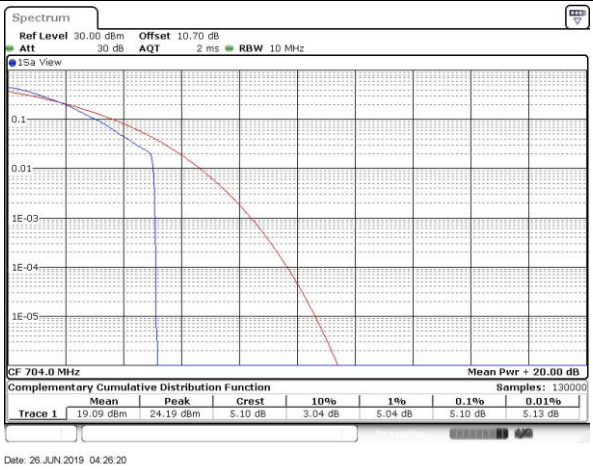
Highest Channel / 1RB



Highest Channel / Full RB

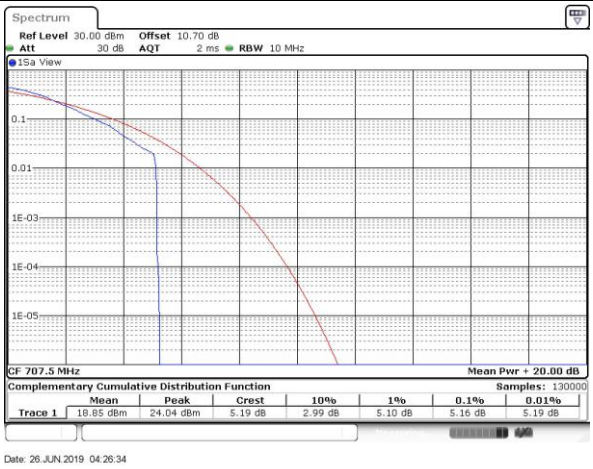
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB

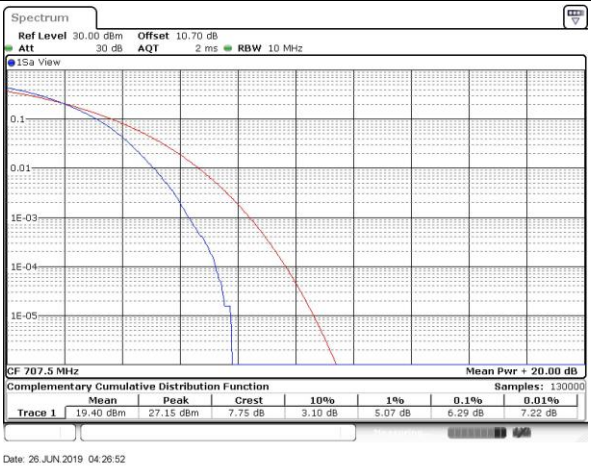


Lowest Channel / Full RB

Middle Channel / 1RB

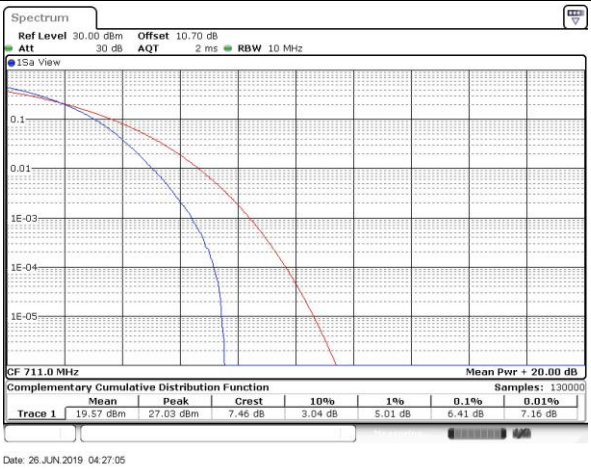


Middle Channel / Full RB



Highest Channel / 1RB

Highest Channel / Full RB

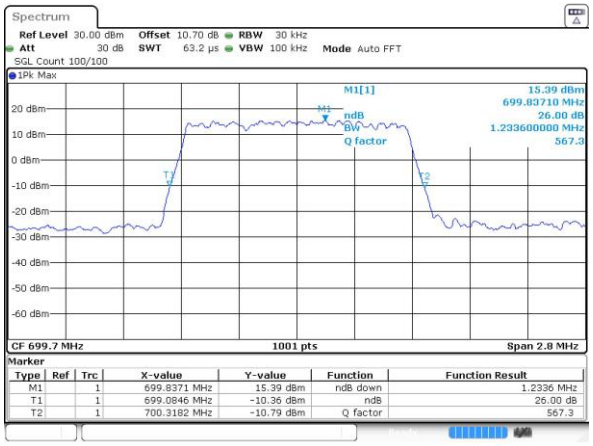


26dB Bandwidth

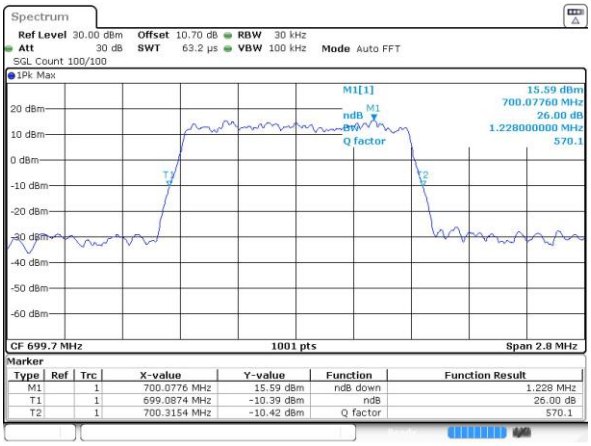
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.00	3.05	4.94	4.90	9.75	9.69	-	-	-	-
Middle CH	1.24	1.24	3.06	3.02	4.92	4.82	9.83	9.81	-	-	-	-
Highest CH	1.22	1.22	3.01	3.02	4.92	4.88	9.77	9.73	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	2.99	-	4.99	-	9.83	-	-	-	-	-
Middle CH	1.23	-	3.02	-	4.90	-	9.83	-	-	-	-	-
Highest CH	1.24	-	3.01	-	4.87	-	9.81	-	-	-	-	-

LTE Band 12

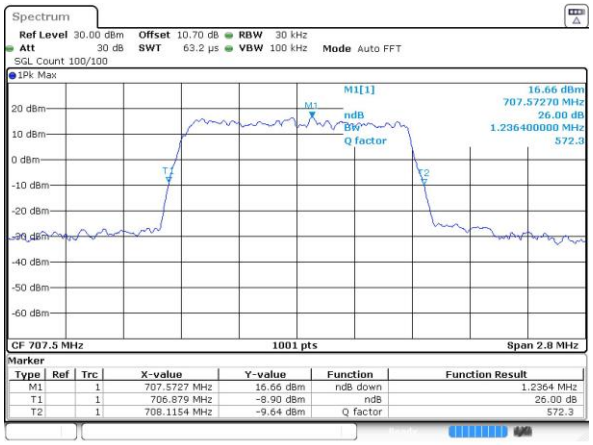
Lowest Channel / 1.4MHz / QPSK



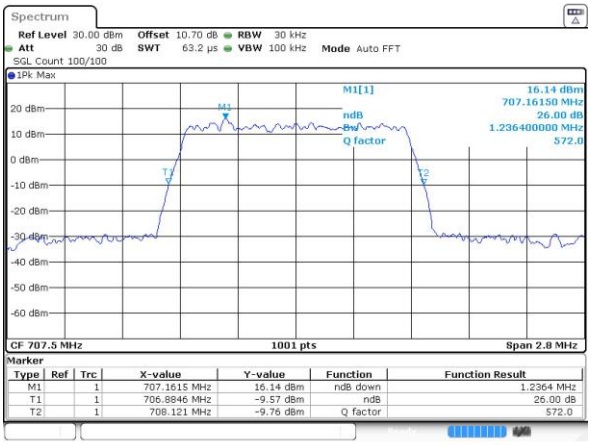
Lowest Channel / 1.4MHz / 16QAM



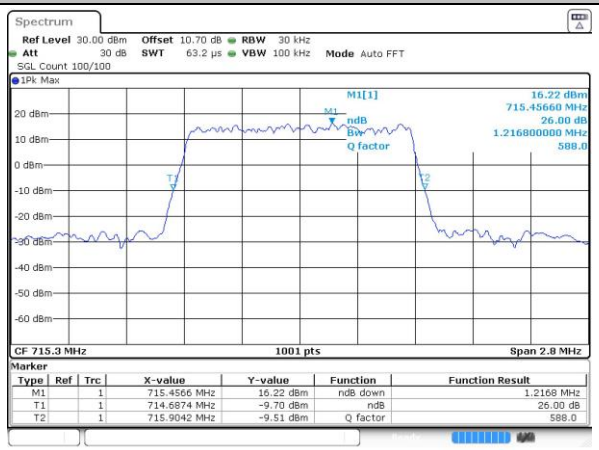
Middle Channel / 1.4MHz / QPSK



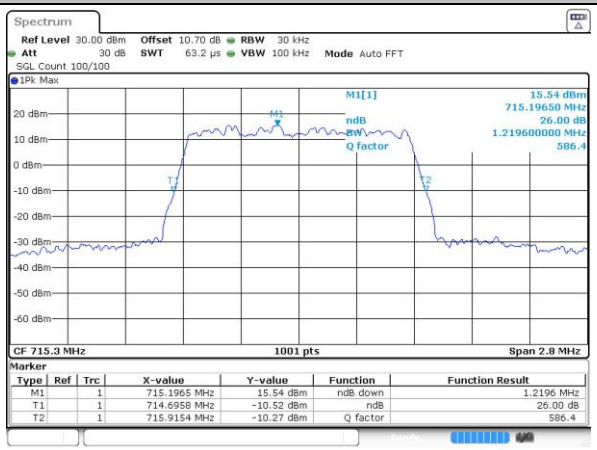
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

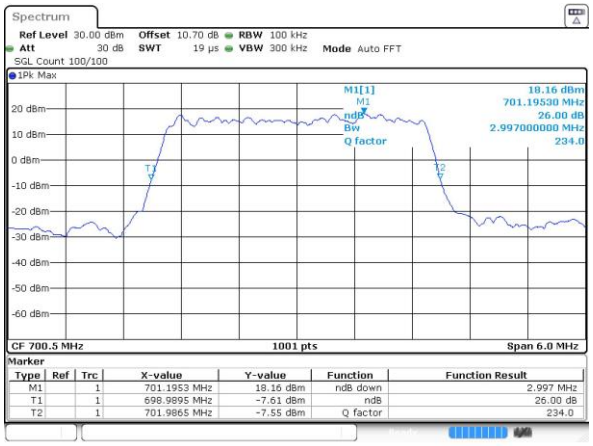


Highest Channel / 1.4MHz / 16QAM

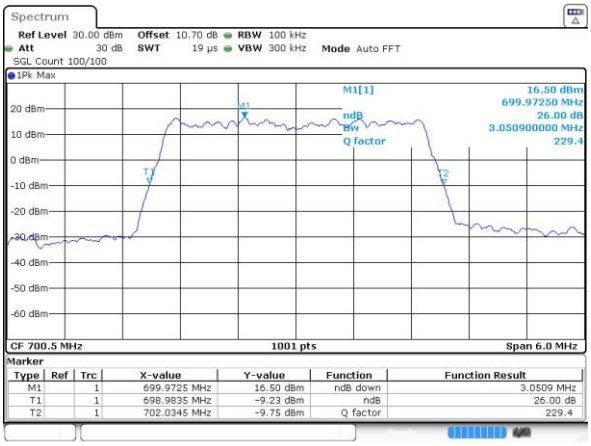


LTE Band 12

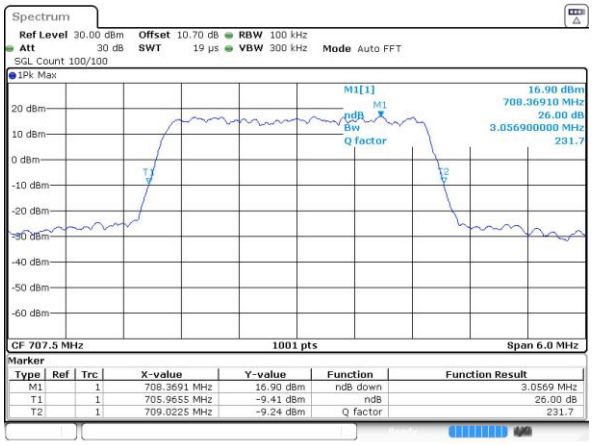
Lowest Channel / 3MHz / QPSK



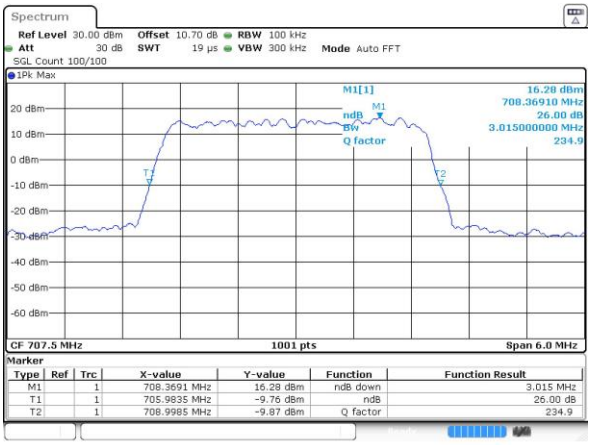
Lowest Channel / 3MHz / 16QAM



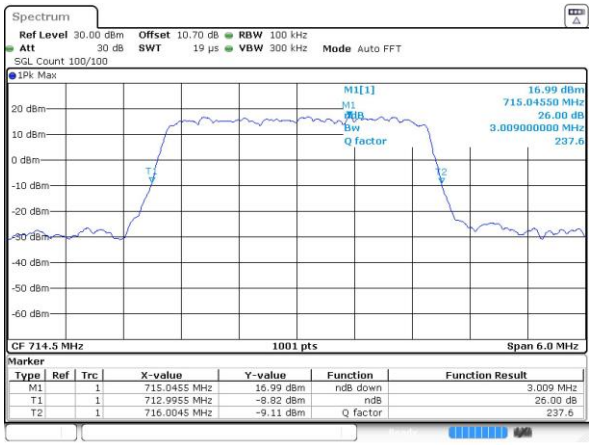
Middle Channel / 3MHz / QPSK



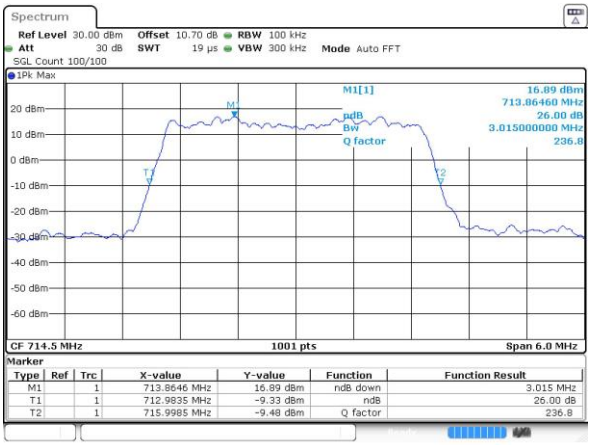
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

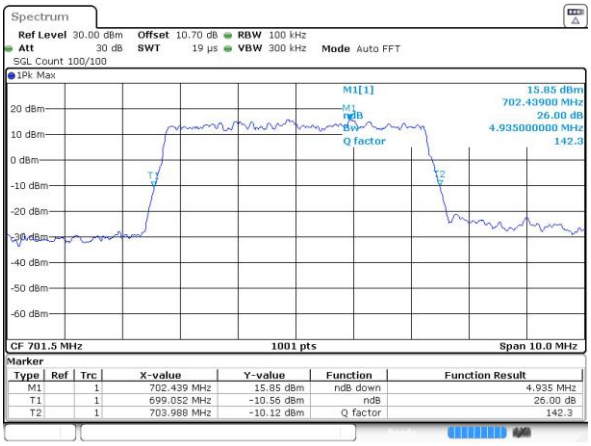


Highest Channel / 3MHz / 16QAM

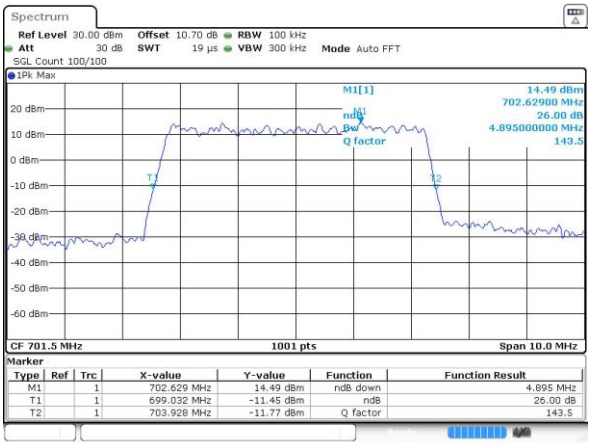


LTE Band 12

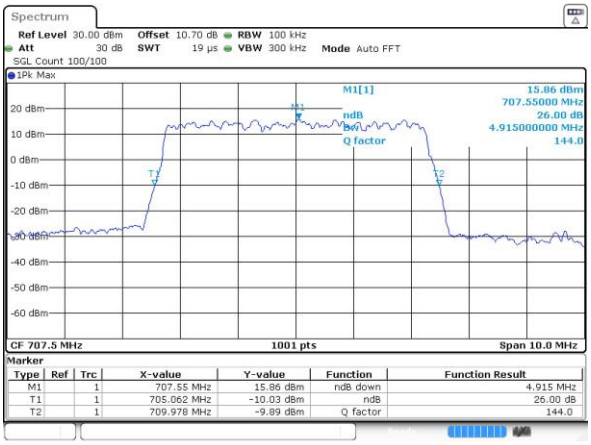
Lowest Channel / 5MHz / QPSK



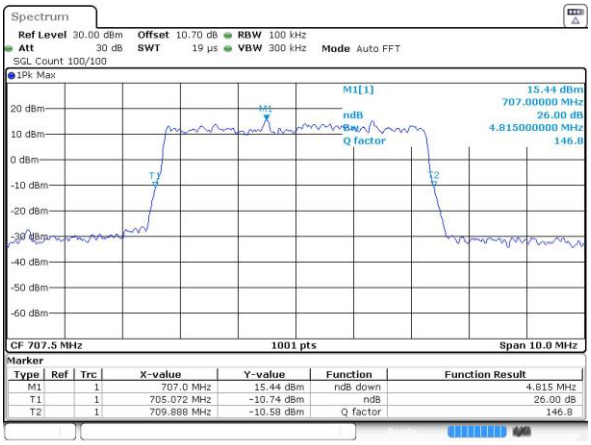
Lowest Channel / 5MHz / 16QAM



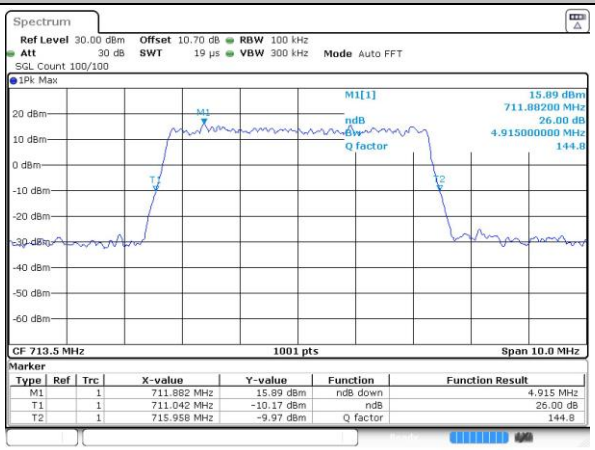
Middle Channel / 5MHz / QPSK



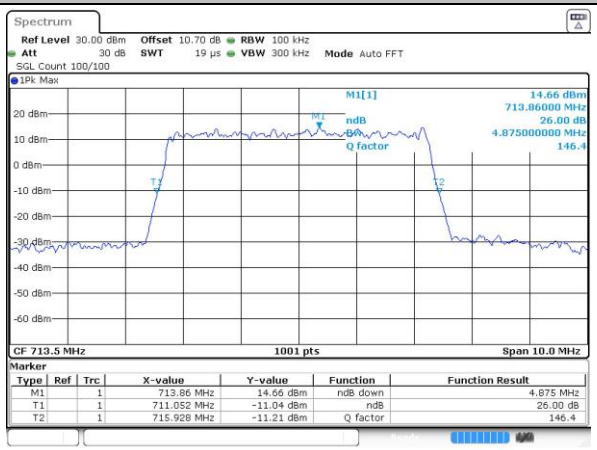
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

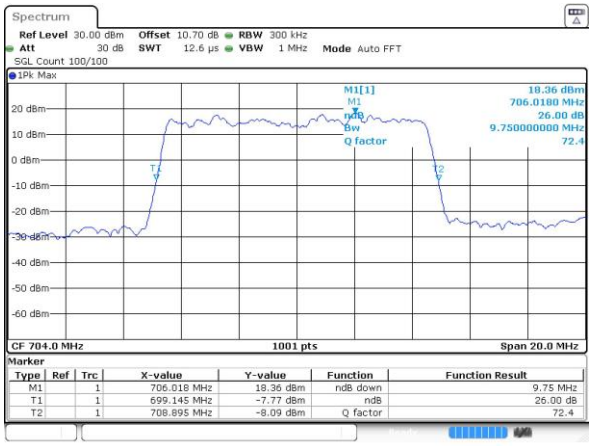


Highest Channel / 5MHz / 16QAM

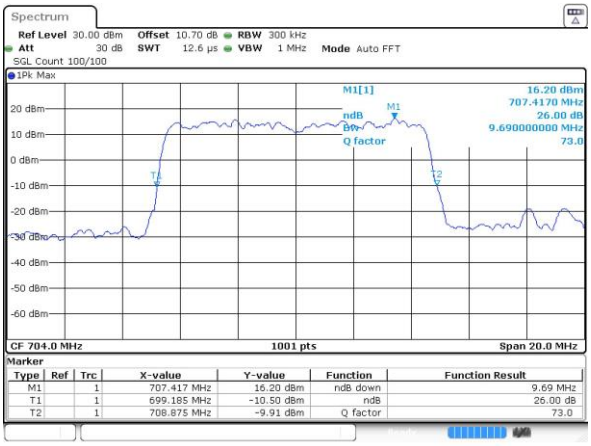


LTE Band 12

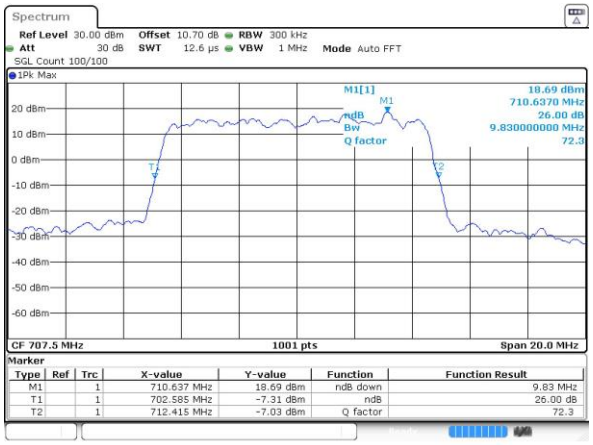
Lowest Channel / 10MHz / QPSK



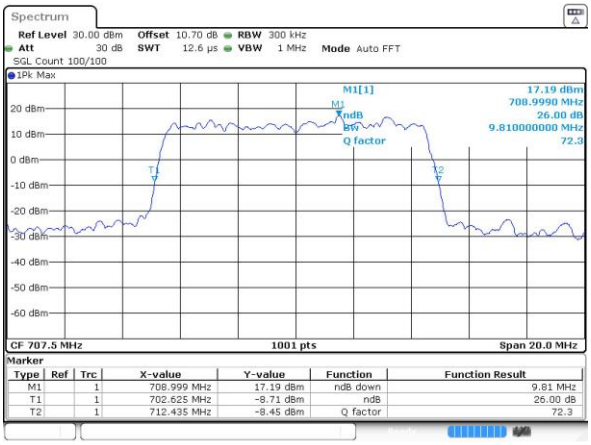
Lowest Channel / 10MHz / 16QAM



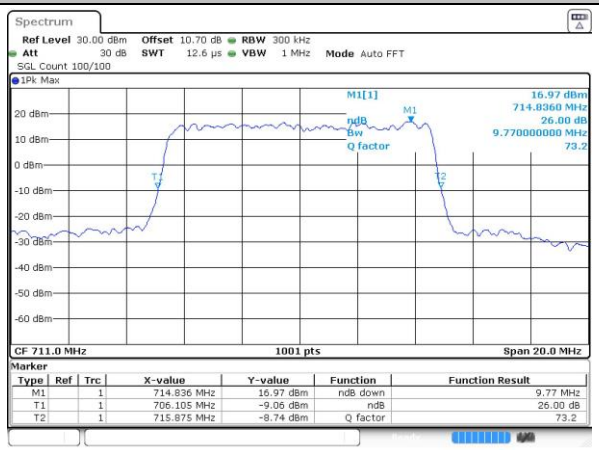
Middle Channel / 10MHz / QPSK



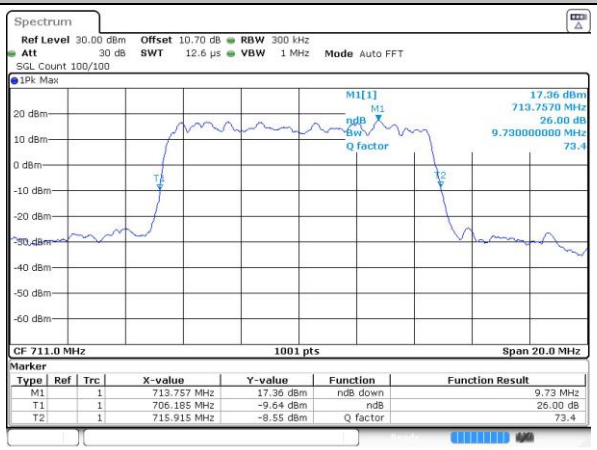
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

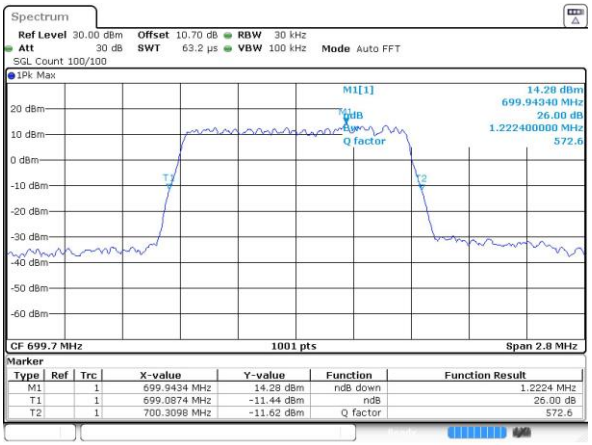


Highest Channel / 10MHz / 16QAM

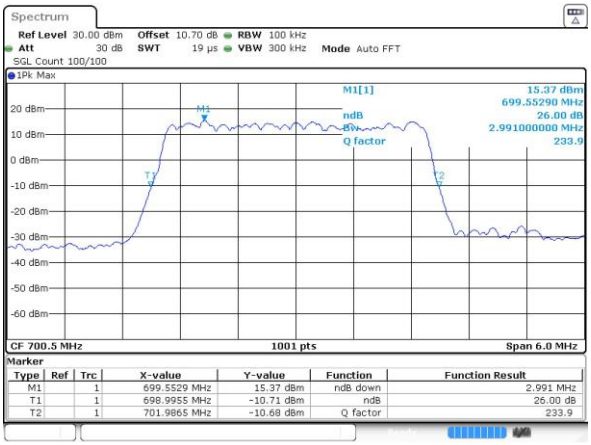


LTE Band 12

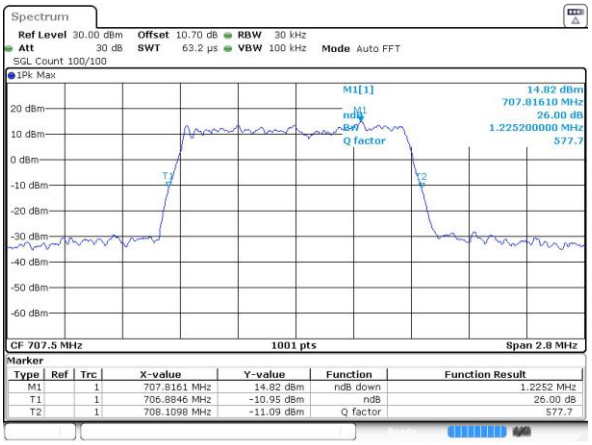
Lowest Channel / 1.4MHz / 64QAM



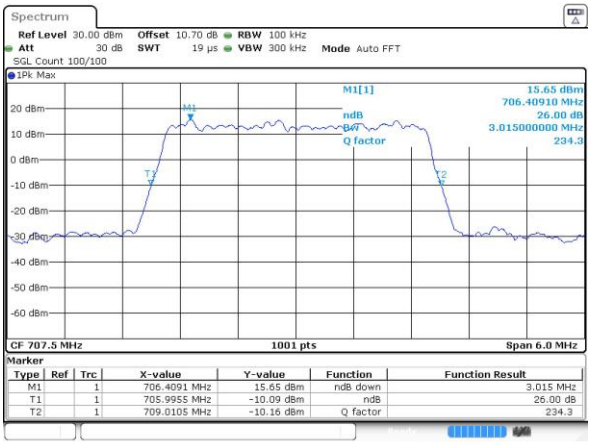
Lowest Channel / 3MHz / 64QAM



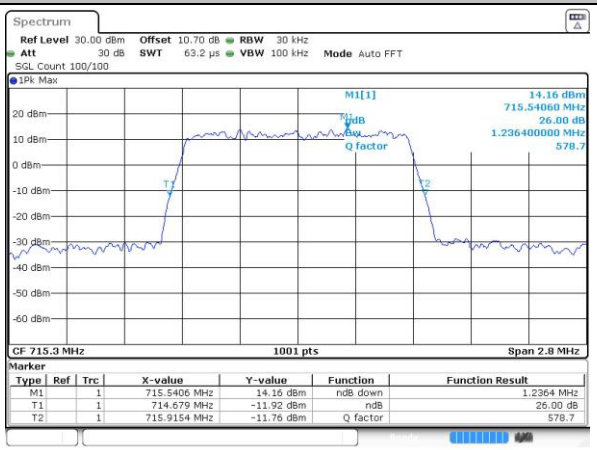
Middle Channel / 1.4MHz / 64QAM



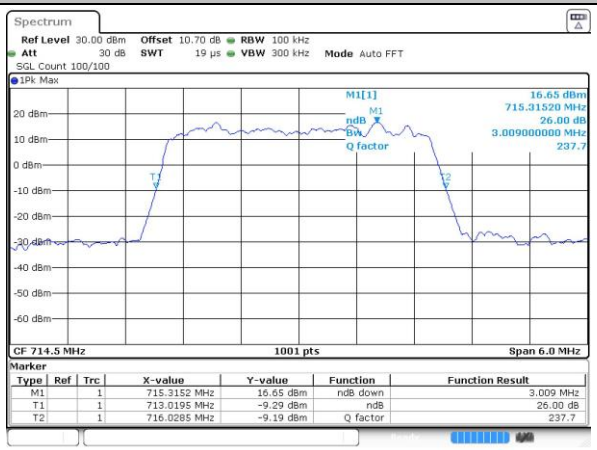
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

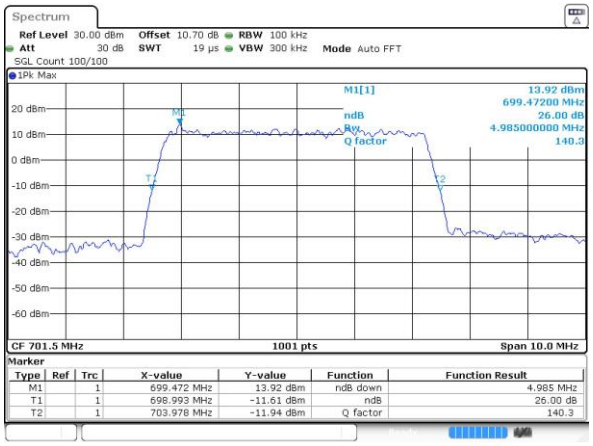


Highest Channel / 3MHz / 64QAM

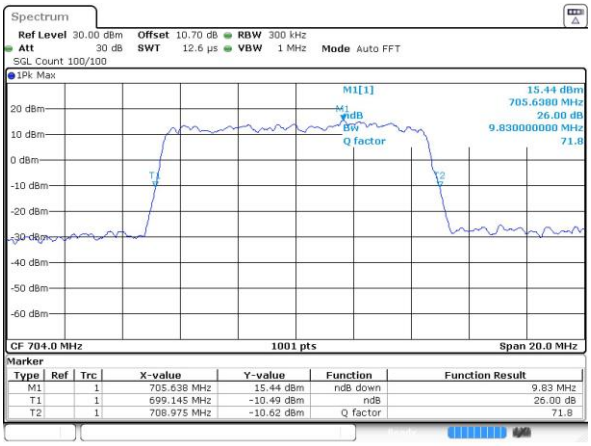


LTE Band 12

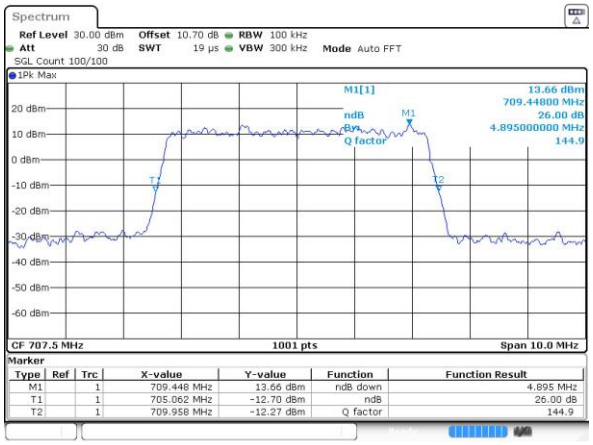
Lowest Channel / 5MHz / 64QAM



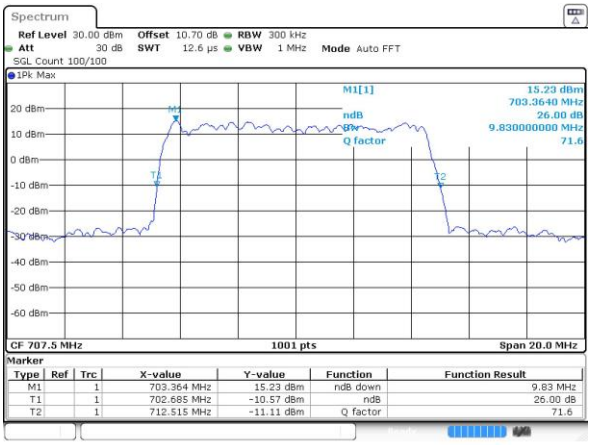
Lowest Channel / 10MHz / 64QAM



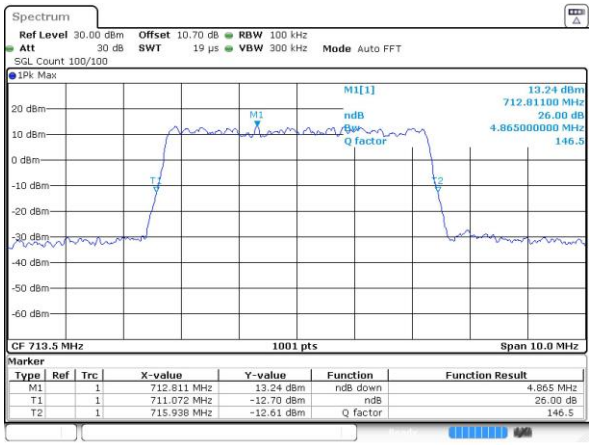
Middle Channel / 5MHz / 64QAM



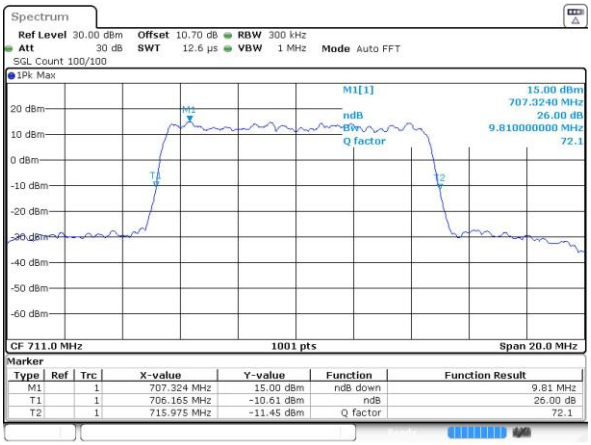
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



Occupied Bandwidth

Mode	LTE Band 12 : 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	1.09	1.10	2.72	2.73	4.47	4.50	9.01	8.99	-	-	-	-
Middle CH	1.09	1.10	2.70	2.71	4.48	4.49	9.03	9.07	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.48	4.48	9.09	9.01	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.48	-	9.01	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.50	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.72	-	4.48	-	9.07	-	-	-	-	-