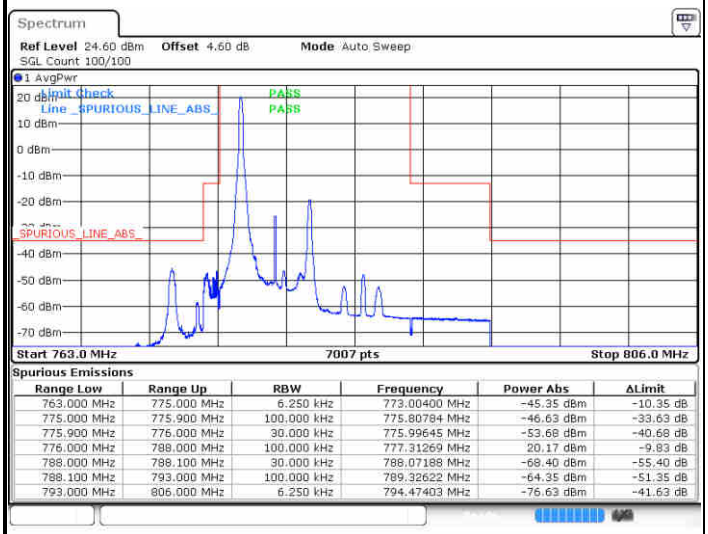
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

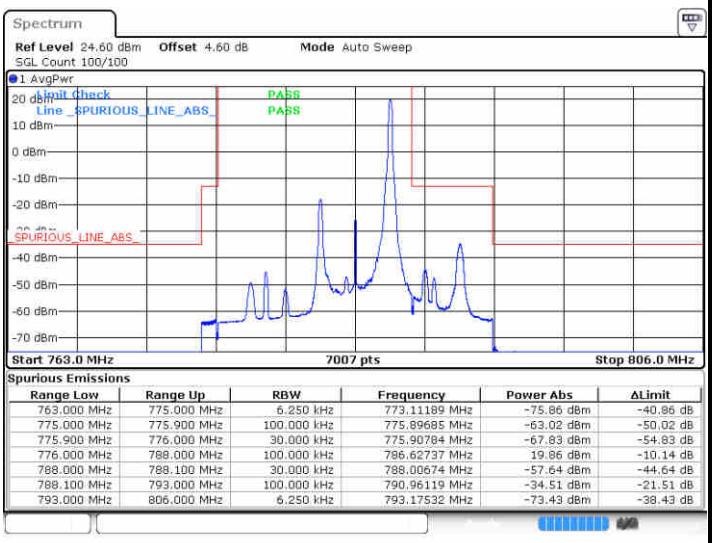


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.00400 MHz	-45.35 dBm	-10.35 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.80784 MHz	-46.63 dBm	-33.63 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99645 MHz	-53.68 dBm	-40.68 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	20.17 dBm	-9.83 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07188 MHz	-68.40 dBm	-55.40 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.32622 MHz	-64.35 dBm	-51.35 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.47403 MHz	-76.63 dBm	-41.63 dB

Date: 16.JAN.2020 16:32:22

Highest Band Edge / 1 RB

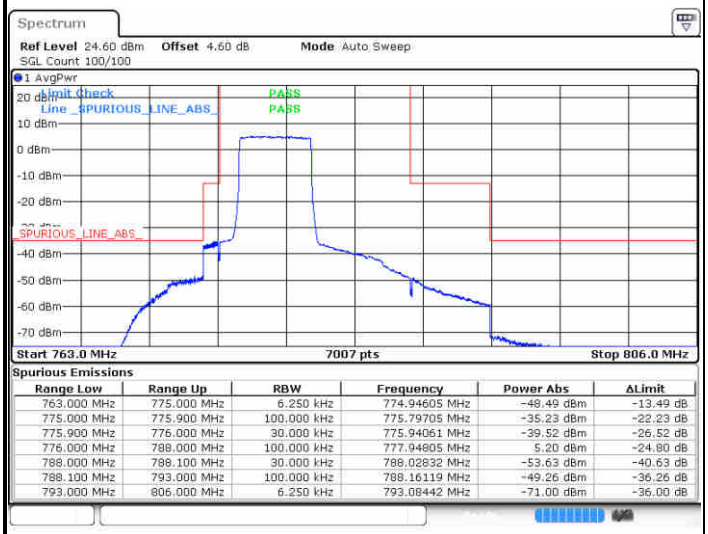


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.11189 MHz	-75.86 dBm	-40.86 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89685 MHz	-63.02 dBm	-50.02 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90784 MHz	-67.83 dBm	-54.83 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	19.86 dBm	-10.14 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00674 MHz	-57.64 dBm	-44.64 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.96119 MHz	-34.51 dBm	-21.51 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.17532 MHz	-73.43 dBm	-38.43 dB

Date: 16.JAN.2020 16:43:48

Lowest Band Edge / Full RB

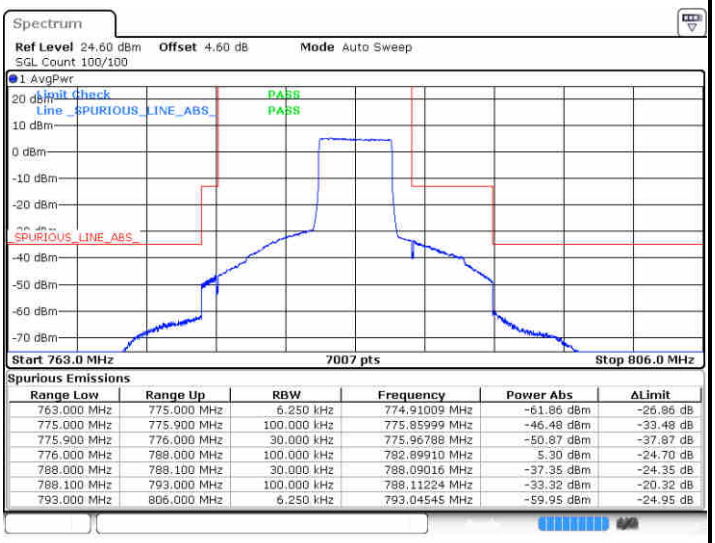


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-48.49 dBm	-13.49 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.79705 MHz	-35.23 dBm	-22.23 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94061 MHz	-39.52 dBm	-26.52 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.94805 MHz	5.20 dBm	-24.80 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02832 MHz	-53.63 dBm	-40.63 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.16119 MHz	-49.26 dBm	-36.26 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.08442 MHz	-71.00 dBm	-36.00 dB

Date: 16.JAN.2020 16:27:29

Highest Band Edge / Full RB



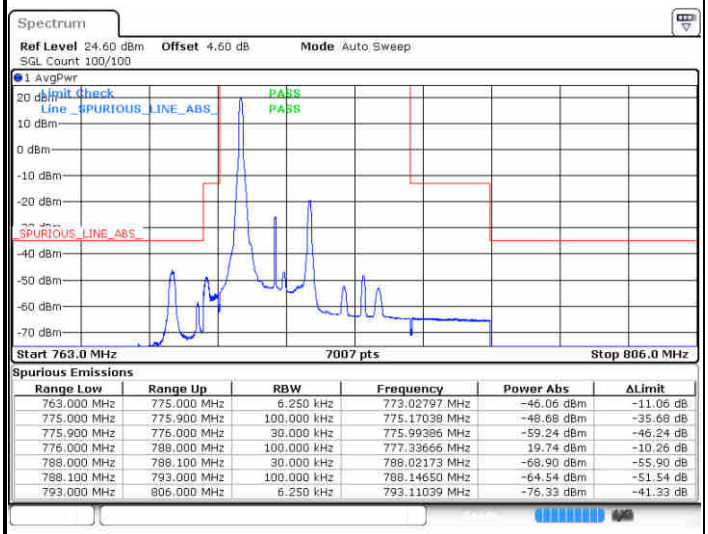
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-61.86 dBm	-26.86 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85999 MHz	-46.48 dBm	-33.48 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96788 MHz	-50.87 dBm	-37.87 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.89910 MHz	5.30 dBm	-24.70 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09016 MHz	-37.35 dBm	-24.35 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-33.32 dBm	-20.32 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.04545 MHz	-59.95 dBm	-24.95 dB

Date: 16.JAN.2020 16:38:56

LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

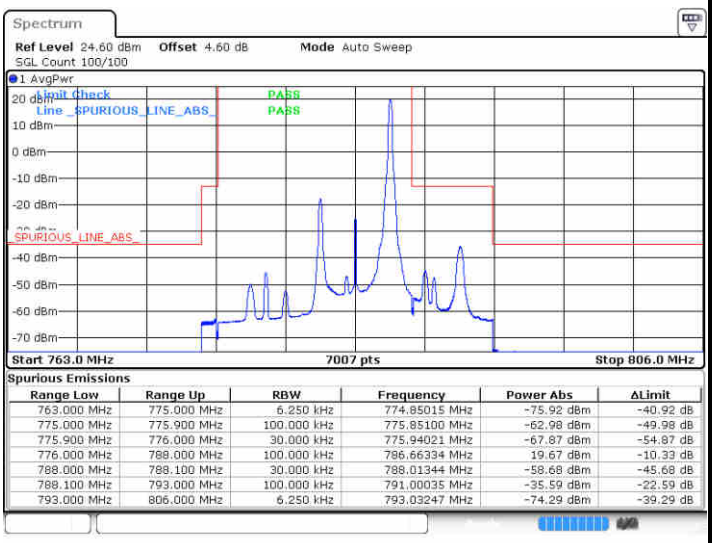


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.02797 MHz	-46.06 dBm	-11.06 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.17039 MHz	-48.68 dBm	-35.68 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99386 MHz	-59.24 dBm	-46.24 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.33666 MHz	19.74 dBm	-10.26 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02173 MHz	-68.90 dBm	-55.90 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14650 MHz	-64.54 dBm	-51.54 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.11039 MHz	-76.33 dBm	-41.33 dB

Date: 16.JAN.2020 17:00:39

Highest Band Edge / 1 RB

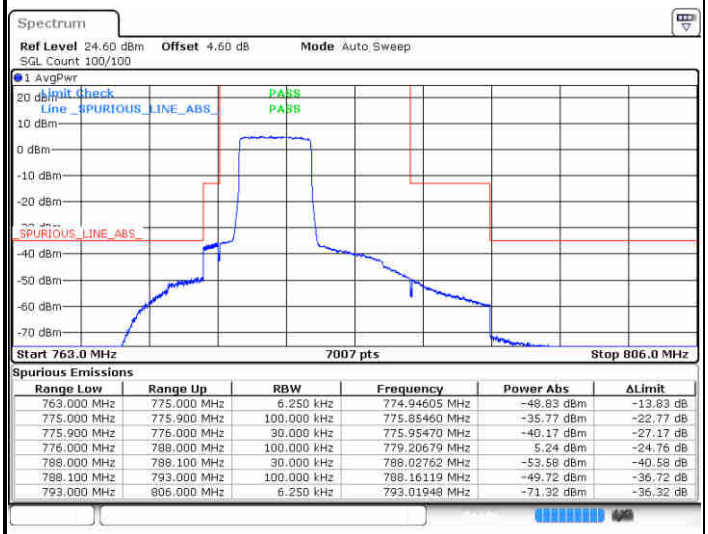


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.85015 MHz	-75.92 dBm	-40.92 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85100 MHz	-62.98 dBm	-49.98 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94021 MHz	-67.87 dBm	-54.87 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.66334 MHz	19.67 dBm	-10.33 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01344 MHz	-58.68 dBm	-45.68 dB
788.100 MHz	793.000 MHz	100.000 kHz	791.00035 MHz	-35.59 dBm	-22.59 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-74.29 dBm	-39.29 dB

Date: 16.JAN.2020 17:05:32

Lowest Band Edge / Full RB

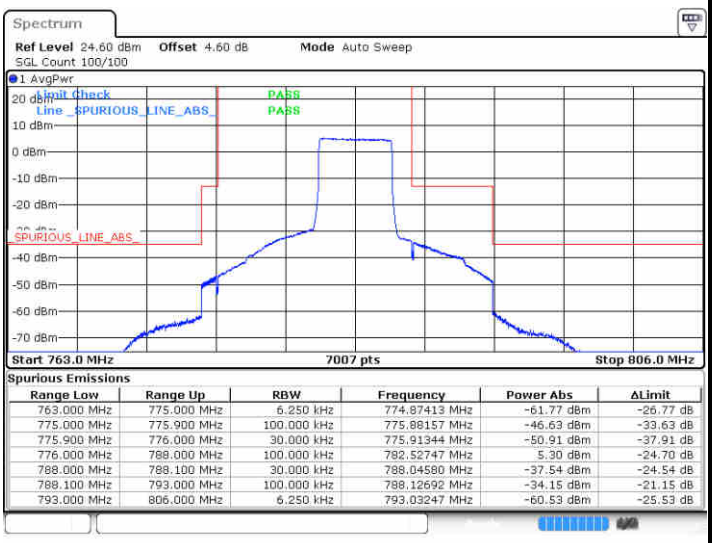


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-48.83 dBm	-13.83 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85460 MHz	-35.77 dBm	-22.77 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95470 MHz	-40.17 dBm	-27.17 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.20679 MHz	5.24 dBm	-24.76 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02762 MHz	-53.58 dBm	-40.58 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.16119 MHz	-49.72 dBm	-36.72 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-71.32 dBm	-36.32 dB

Date: 16.JAN.2020 17:02:16

Highest Band Edge / Full RB



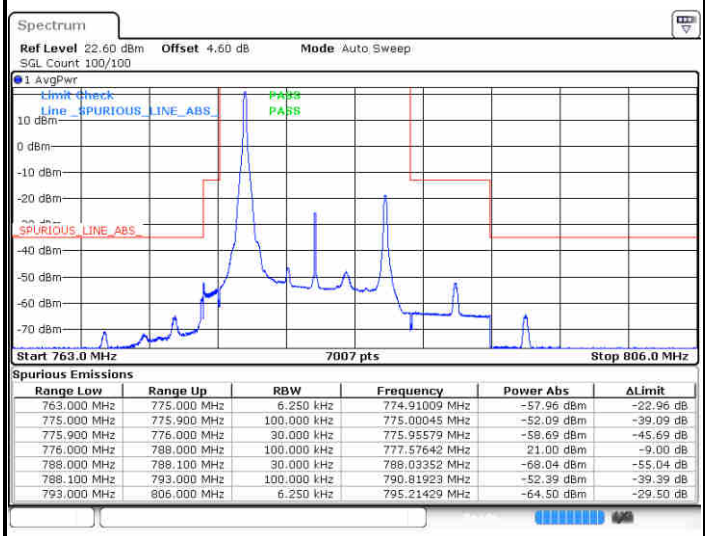
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.87413 MHz	-61.77 dBm	-26.77 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88157 MHz	-46.63 dBm	-33.63 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91344 MHz	-50.91 dBm	-37.91 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.52747 MHz	5.30 dBm	-24.70 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04580 MHz	-37.54 dBm	-24.54 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12692 MHz	-34.15 dBm	-21.15 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-60.53 dBm	-25.53 dB

Date: 16.JAN.2020 17:03:54

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

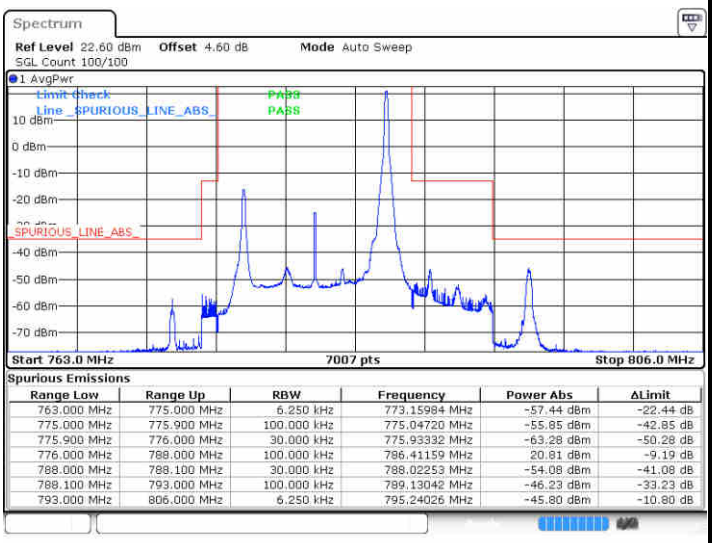


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-57.96 dBm	-22.96 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.00045 MHz	-52.09 dBm	-39.09 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95579 MHz	-58.69 dBm	-45.69 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	21.00 dBm	-9.00 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03352 MHz	-68.04 dBm	-55.04 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.81923 MHz	-52.39 dBm	-39.39 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.21429 MHz	-64.50 dBm	-29.50 dB

Date: 16.JAN.2020 16:49:32

Highest Band Edge / 1 RB

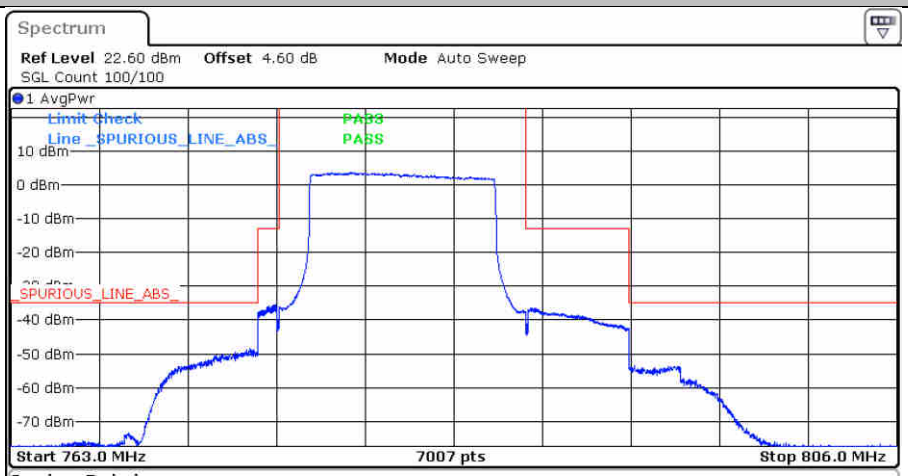


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.15984 MHz	-57.44 dBm	-22.44 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.04720 MHz	-55.85 dBm	-42.85 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93332 MHz	-63.28 dBm	-50.28 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	20.81 dBm	-9.19 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02253 MHz	-54.08 dBm	-41.08 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.13042 MHz	-46.23 dBm	-33.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-45.80 dBm	-10.80 dB

Date: 16.JAN.2020 16:56:02

Band Edge / Full RB



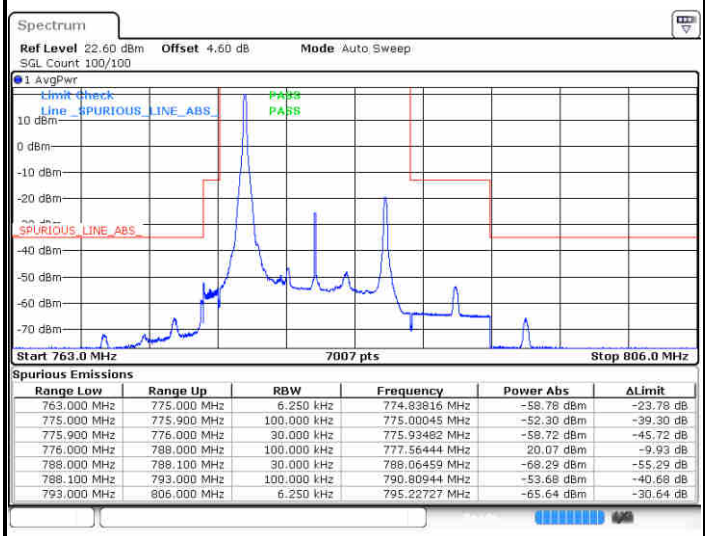
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.61039 MHz	-48.35 dBm	-13.35 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84650 MHz	-35.50 dBm	-22.50 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98097 MHz	-40.03 dBm	-27.03 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.58342 MHz	3.60 dBm	-26.40 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08886 MHz	-40.88 dBm	-27.88 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.21993 MHz	-36.42 dBm	-23.42 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-53.44 dBm	-18.44 dB

Date: 16.JAN.2020 16:51:09

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

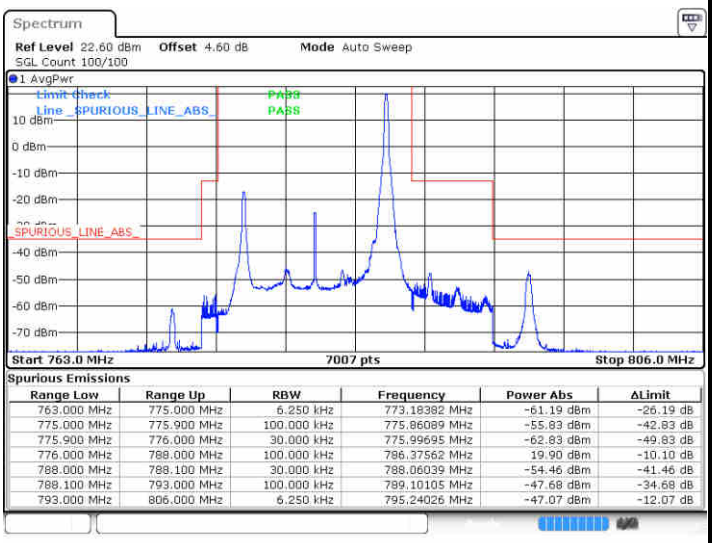


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.83816 MHz	-58.78 dBm	-23.78 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.00045 MHz	-52.30 dBm	-39.30 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93482 MHz	-58.72 dBm	-45.72 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	20.07 dBm	-9.93 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06459 MHz	-68.29 dBm	-55.29 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80944 MHz	-53.68 dBm	-40.68 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-65.64 dBm	-30.64 dB

Date: 16.JAN.2020 16:47:54

Highest Band Edge / 1 RB

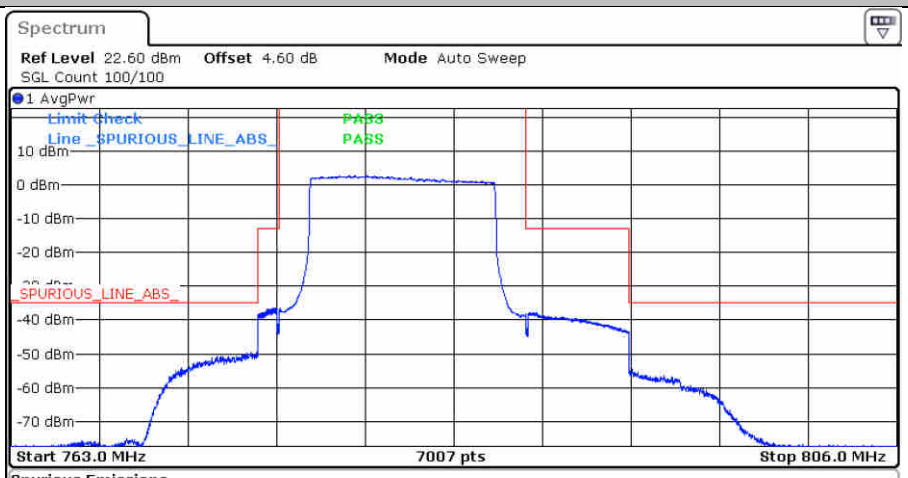


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-61.19 dBm	-26.19 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86089 MHz	-55.83 dBm	-42.83 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99695 MHz	-62.83 dBm	-49.83 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	19.90 dBm	-10.10 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06039 MHz	-54.46 dBm	-41.46 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.10105 MHz	-47.68 dBm	-34.68 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-47.07 dBm	-12.07 dB

Date: 16.JAN.2020 16:54:24

Band Edge / Full RB



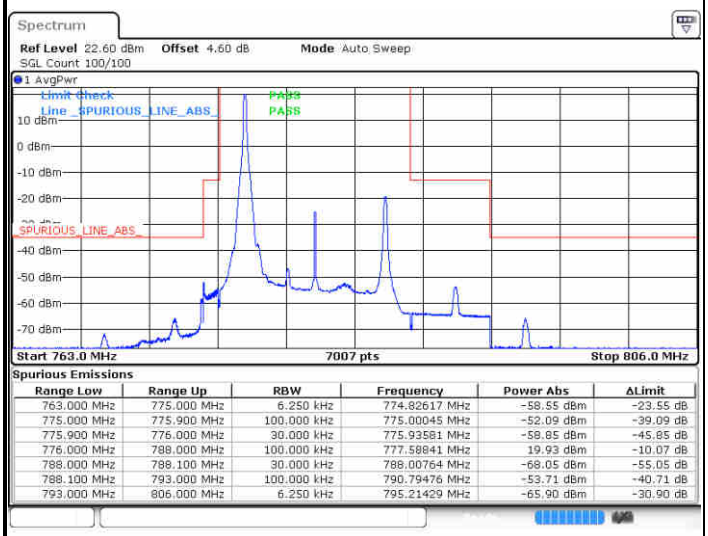
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.62238 MHz	-49.49 dBm	-14.49 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87617 MHz	-36.32 dBm	-23.32 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96798 MHz	-41.25 dBm	-28.25 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.29770 MHz	2.68 dBm	-27.32 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00405 MHz	-42.14 dBm	-29.14 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.50874 MHz	-37.85 dBm	-24.85 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.16234 MHz	-54.52 dBm	-19.52 dB

Date: 16.JAN.2020 16:52:47

LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

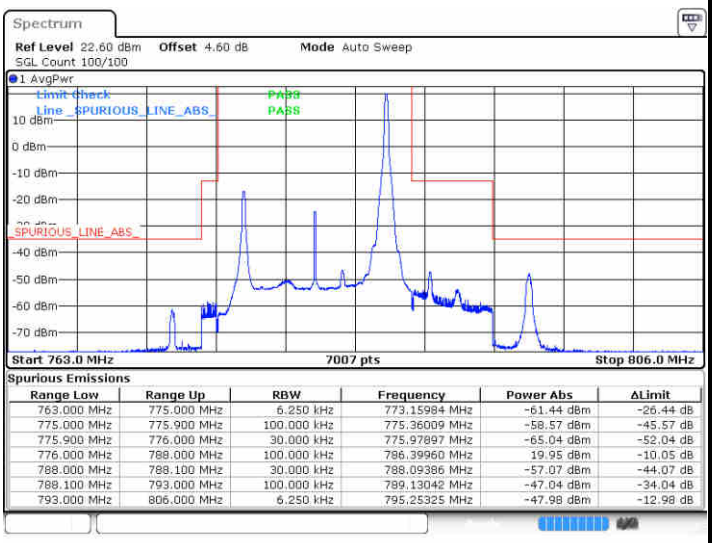


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.82617 MHz	-58.55 dBm	-23.55 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.00045 MHz	-52.09 dBm	-39.09 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93581 MHz	-58.85 dBm	-45.85 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	19.93 dBm	-10.07 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00764 MHz	-68.05 dBm	-55.05 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.79476 MHz	-53.71 dBm	-40.71 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.21429 MHz	-65.90 dBm	-30.90 dB

Date: 16.JAN.2020 17:10:11

Highest Band Edge / 1 RB

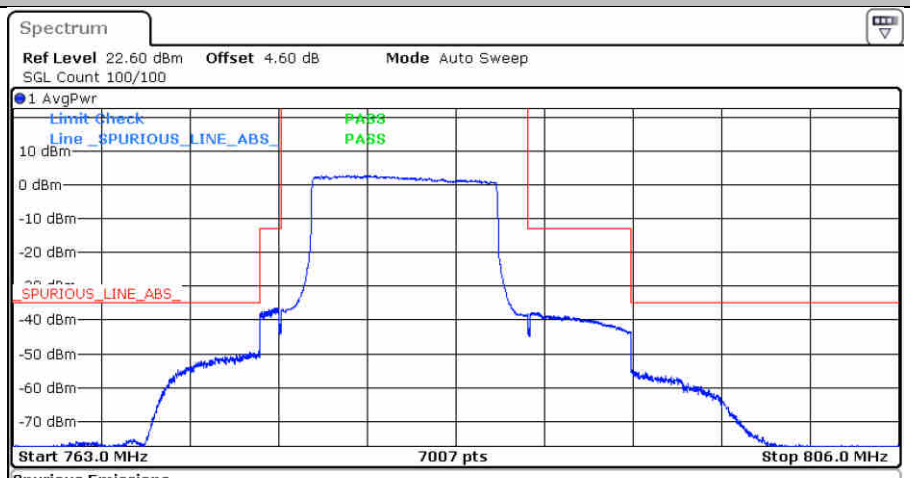


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.15984 MHz	-61.44 dBm	-26.44 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.36009 MHz	-58.57 dBm	-45.57 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97897 MHz	-65.04 dBm	-52.04 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	19.95 dBm	-10.05 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09386 MHz	-57.07 dBm	-44.07 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.13042 MHz	-47.04 dBm	-34.04 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.25325 MHz	-47.98 dBm	-12.98 dB

Date: 16.JAN.2020 17:11:49

Band Edge / Full RB



Spurious Emissions

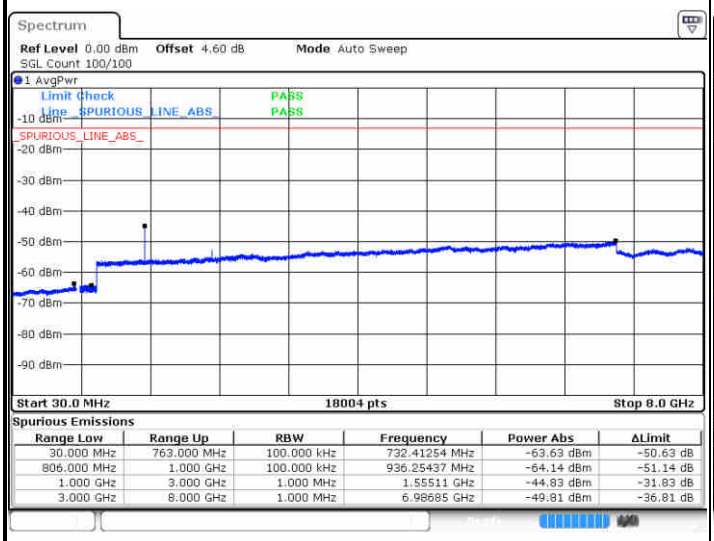
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-49.17 dBm	-14.17 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85639 MHz	-36.41 dBm	-23.41 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93022 MHz	-41.07 dBm	-28.07 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.25475 MHz	2.76 dBm	-27.24 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09885 MHz	-42.47 dBm	-29.47 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.25909 MHz	-37.72 dBm	-24.72 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-54.67 dBm	-19.67 dB

Date: 16.JAN.2020 17:13:26

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

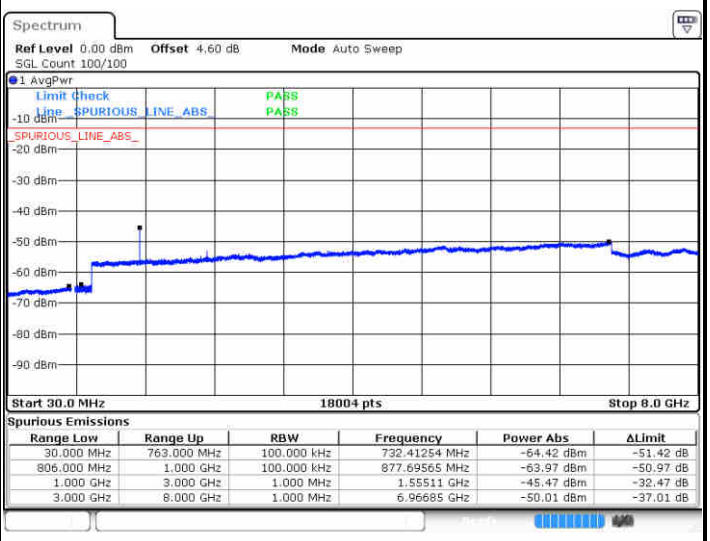


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.41254 MHz	-63.63 dBm	-50.63 dB
806.000 MHz	1.000 GHz	100.000 kHz	936.25437 MHz	-64.14 dBm	-51.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-44.83 dBm	-31.83 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.98685 GHz	-49.81 dBm	-36.81 dB

Date: 16.JAN.2020 16:34:09

Lowest Channel / 16QAM

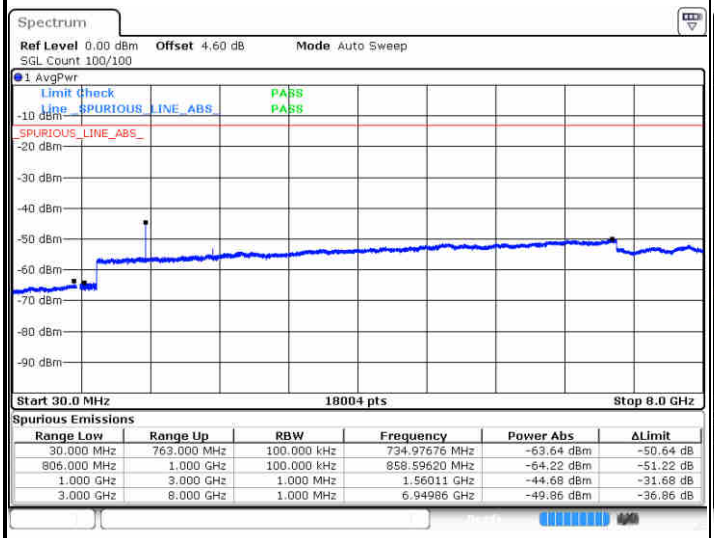


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.41254 MHz	-64.42 dBm	-51.42 dB
806.000 MHz	1.000 GHz	100.000 kHz	877.69565 MHz	-63.97 dBm	-50.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-45.47 dBm	-32.47 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.96685 GHz	-50.01 dBm	-37.01 dB

Date: 16.JAN.2020 16:33:15

Middle Channel / QPSK

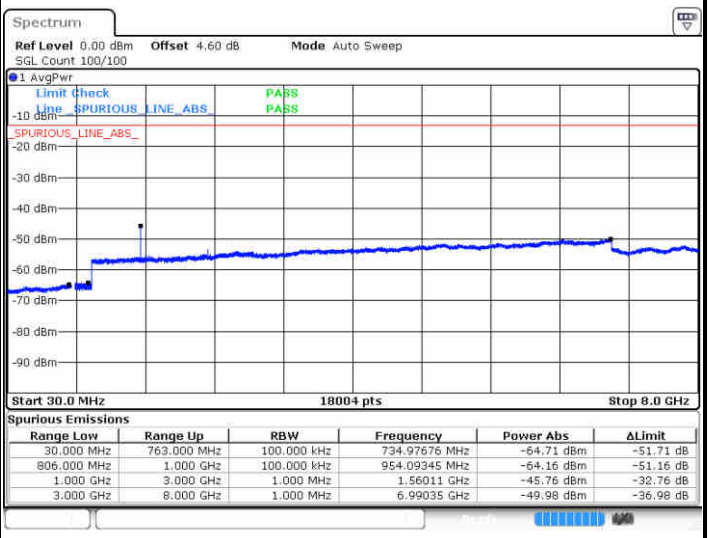


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-63.64 dBm	-50.64 dB
806.000 MHz	1.000 GHz	100.000 kHz	858.59620 MHz	-64.22 dBm	-51.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-44.68 dBm	-31.68 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94986 GHz	-49.86 dBm	-36.86 dB

Date: 16.JAN.2020 16:35:43

Middle Channel / 16QAM



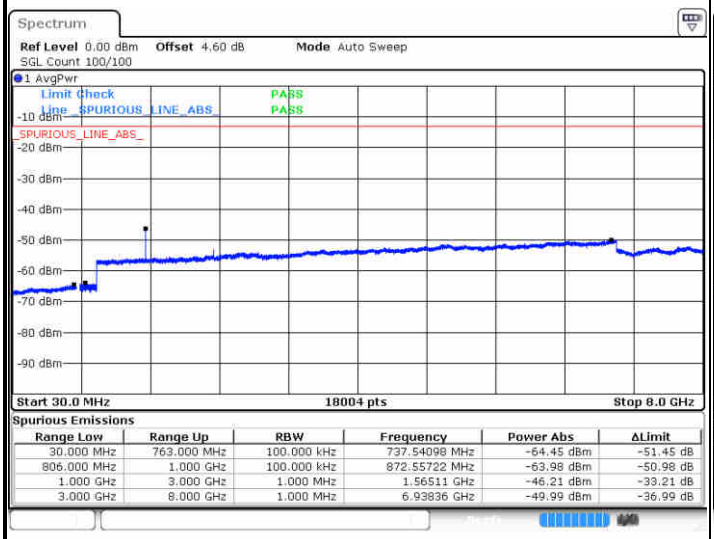
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-64.71 dBm	-51.71 dB
806.000 MHz	1.000 GHz	100.000 kHz	954.09345 MHz	-64.16 dBm	-51.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-45.76 dBm	-32.76 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99035 GHz	-49.98 dBm	-36.98 dB

Date: 16.JAN.2020 16:36:37

LTE Band 13 / 5MHz

Highest Channel / QPSK

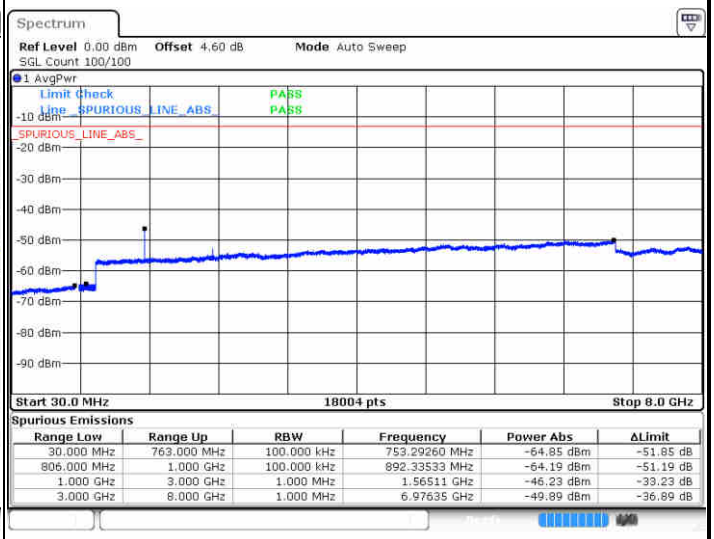


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	737.54098 MHz	-64.45 dBm	-51.45 dB
806.000 MHz	1.000 GHz	100.000 kHz	872.55722 MHz	-63.98 dBm	-50.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.21 dBm	-33.21 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.93836 GHz	-49.99 dBm	-36.99 dB

Date: 16.JAN.2020 16:45:36

Highest Channel / 16QAM



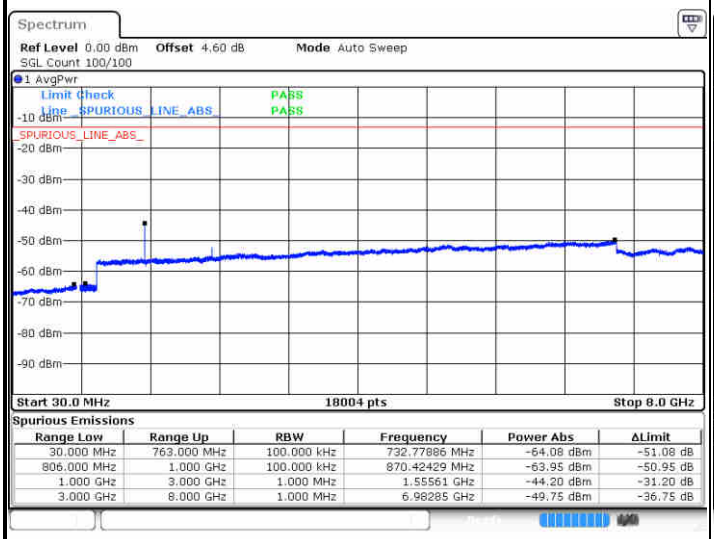
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	753.29260 MHz	-64.85 dBm	-51.85 dB
806.000 MHz	1.000 GHz	100.000 kHz	892.33533 MHz	-64.19 dBm	-51.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.97635 GHz	-49.89 dBm	-36.89 dB

Date: 16.JAN.2020 16:44:41

LTE Band 13 / 10MHz

Middle Channel / QPSK

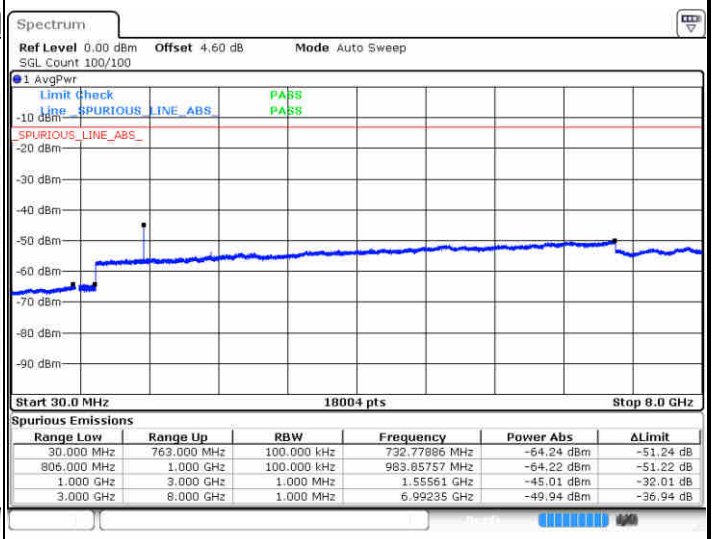


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-64.08 dBm	-51.08 dB
806.000 MHz	1.000 GHz	100.000 kHz	870.42429 MHz	-63.95 dBm	-50.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.98285 GHz	-49.75 dBm	-36.75 dB

Date: 16.JAN.2020 16:23:15

Middle Channel / 16QAM



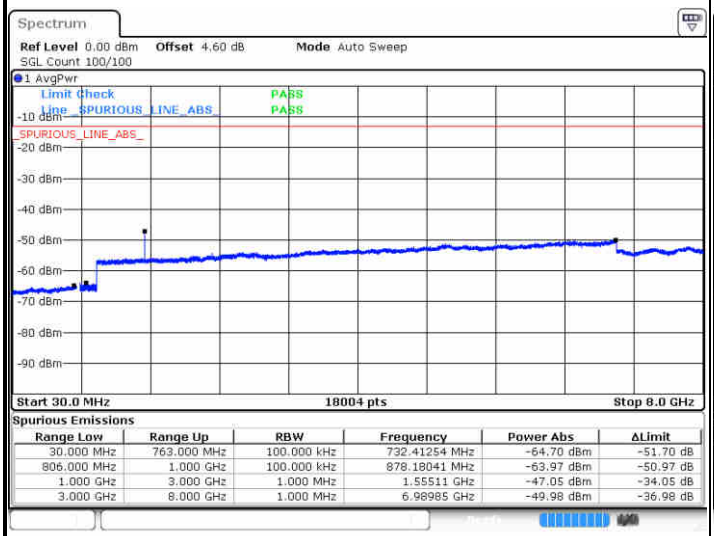
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-64.24 dBm	-51.24 dB
806.000 MHz	1.000 GHz	100.000 kHz	983.85757 MHz	-64.22 dBm	-51.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-45.01 dBm	-32.01 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99235 GHz	-49.94 dBm	-36.94 dB

Date: 16.JAN.2020 16:24:11

LTE Band 13 / 5MHz

Lowest Channel / 64QAM

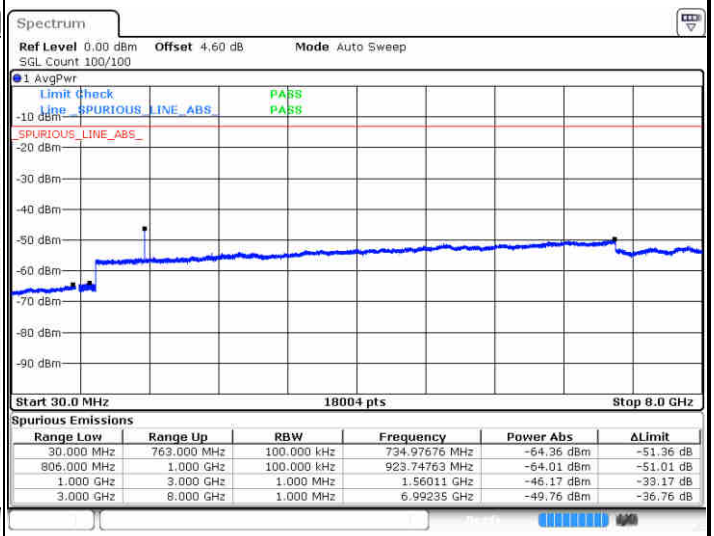


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.41254 MHz	-64.70 dBm	-51.70 dB
806.000 MHz	1.000 GHz	100.000 kHz	878.18041 MHz	-63.97 dBm	-50.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.98985 GHz	-49.98 dBm	-36.98 dB

Date: 16.JAN.2020 17:06:25

Middle Channel / 64QAM

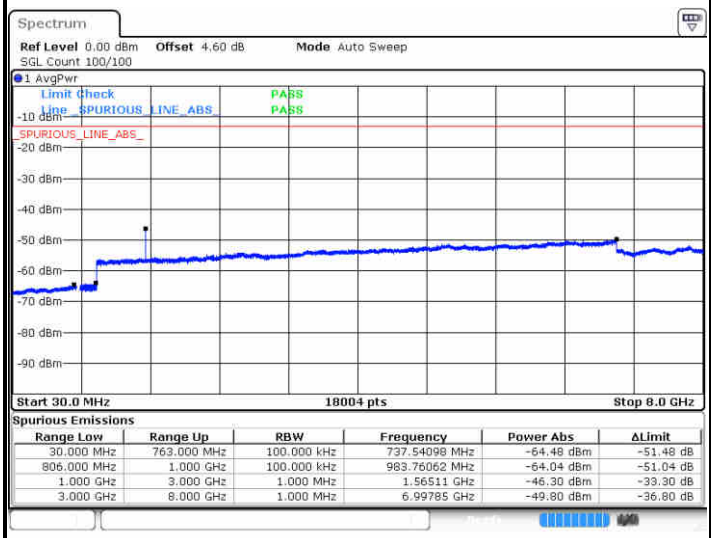


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-64.36 dBm	-51.36 dB
806.000 MHz	1.000 GHz	100.000 kHz	923.74763 MHz	-64.01 dBm	-51.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99235 GHz	-49.76 dBm	-36.76 dB

Date: 16.JAN.2020 17:07:19

Highest Channel / 64QAM

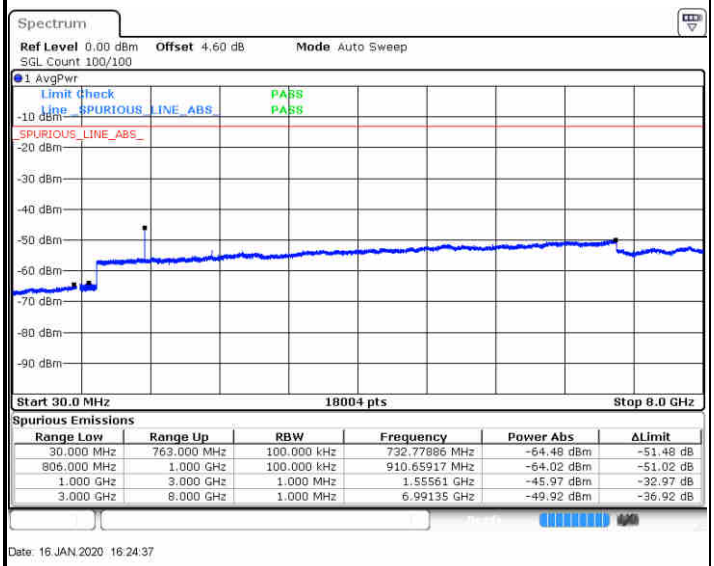


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	737.54098 MHz	-64.48 dBm	-51.48 dB
806.000 MHz	1.000 GHz	100.000 kHz	983.76062 MHz	-64.04 dBm	-51.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.30 dBm	-33.30 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99785 GHz	-49.80 dBm	-36.80 dB

Date: 16.JAN.2020 17:08:13

LTE Band 13 / 10MHz	
Middle Channel / 64QAM	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-64.48 dBm	-51.48 dB
806.000 MHz	1.000 GHz	100.000 kHz	910.65917 MHz	-64.02 dBm	-51.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-45.97 dBm	-32.97 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99135 GHz	-49.92 dBm	-36.92 dB

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0067	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.40 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

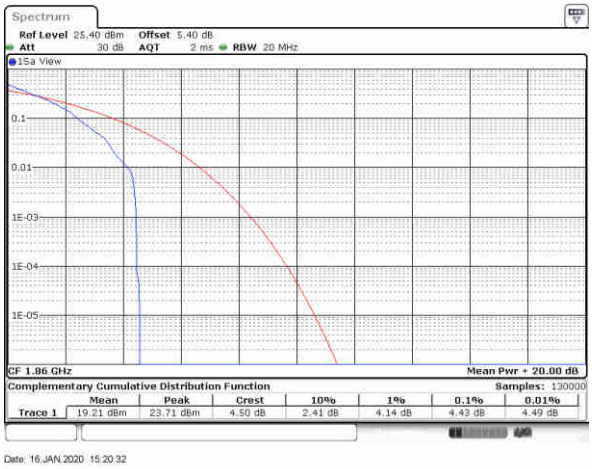
LTE Band 25

Peak-to-Average Ratio

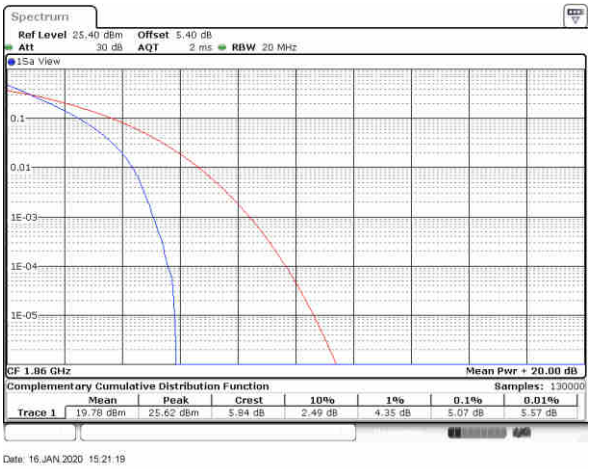
Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.43	5.07	5.36	6.00	PASS
Middle CH	4.70	4.99	5.48	5.91	
Highest CH	4.67	4.96	5.28	5.97	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.33	6.03	-	-	PASS
Middle CH	5.36	5.94	-	-	
Highest CH	5.45	5.88	-	-	

LTE Band 25 / 20MHz / QPSK

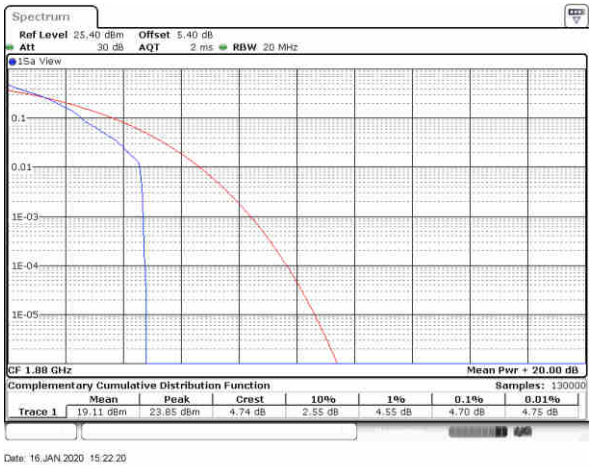
Lowest Channel / 1RB



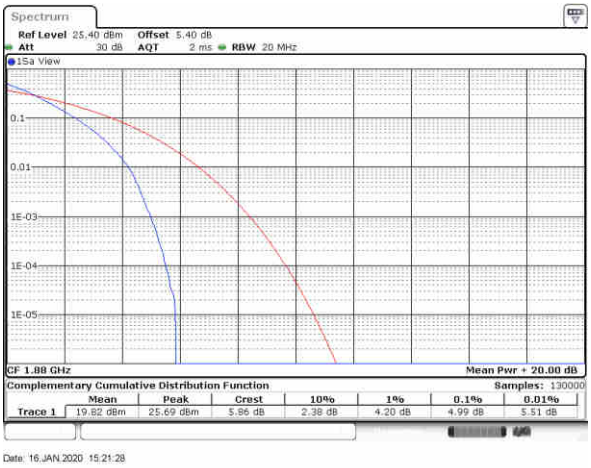
Lowest Channel / Full RB



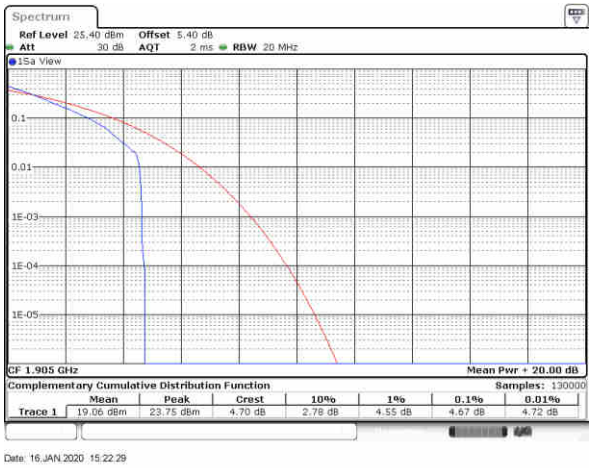
Middle Channel / 1RB



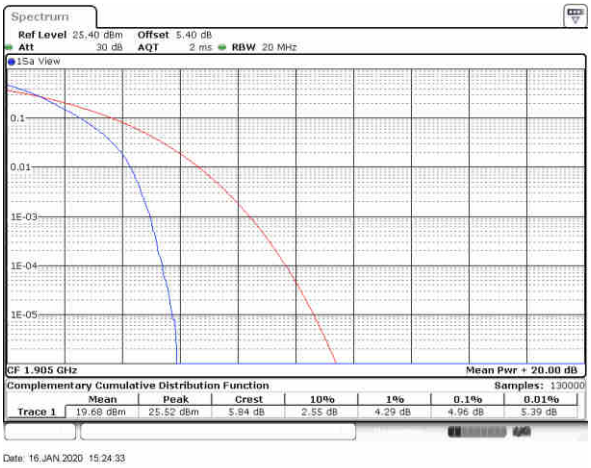
Middle Channel / Full RB



Highest Channel / 1RB

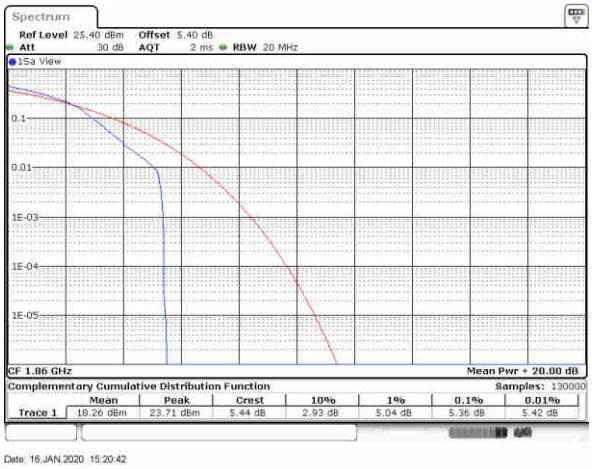


Highest Channel / Full RB

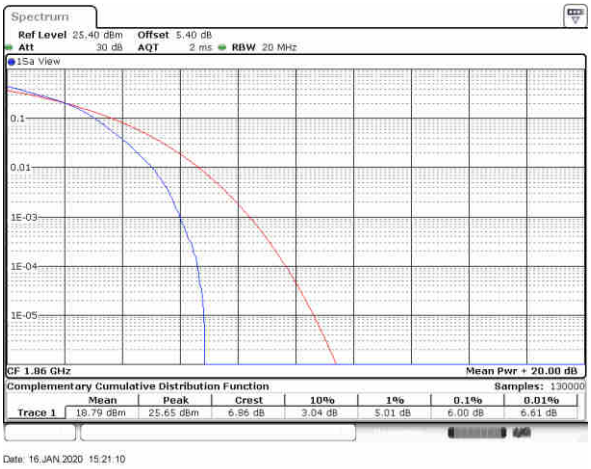


LTE Band 25 / 20MHz / 16QAM

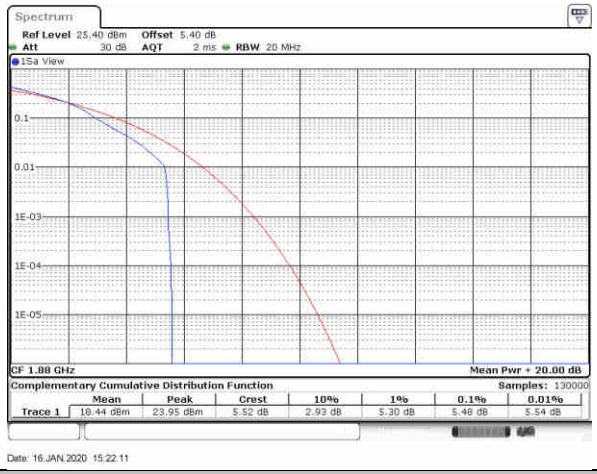
Lowest Channel / 1RB



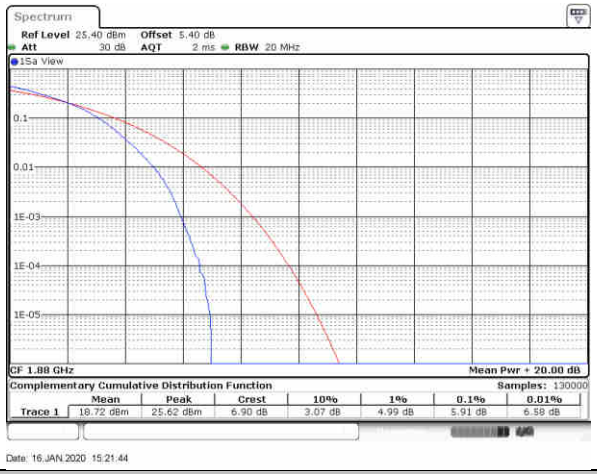
Lowest Channel / Full RB



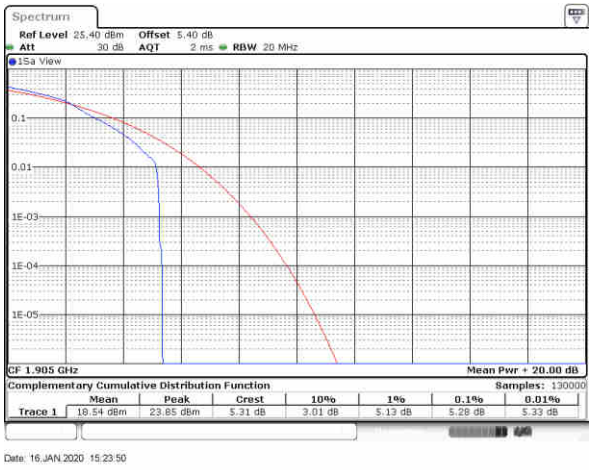
Middle Channel / 1RB



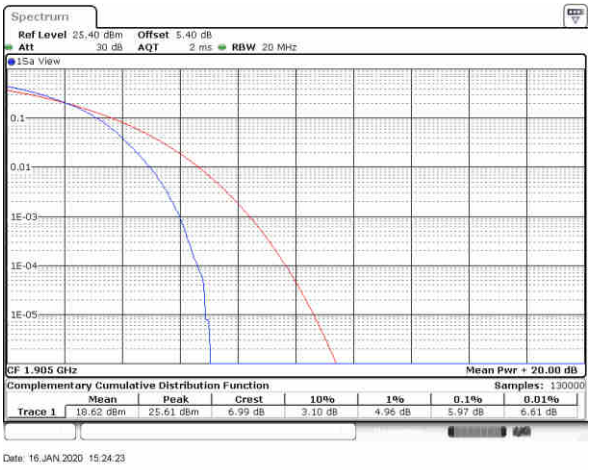
Middle Channel / Full RB



Highest Channel / 1RB

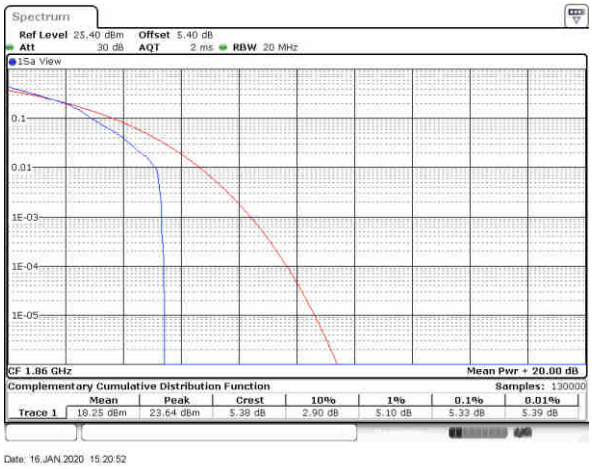


Highest Channel / Full RB

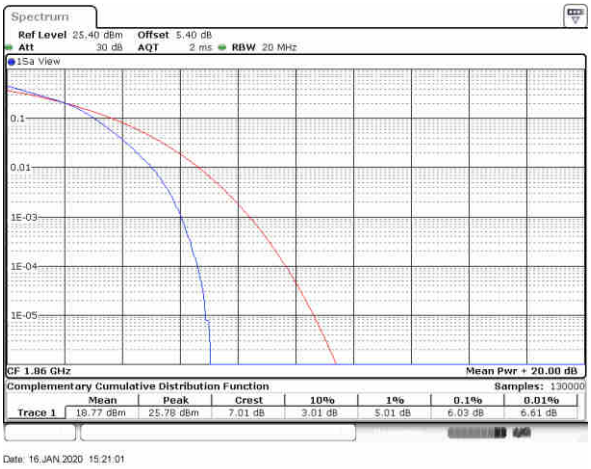


LTE Band 25 / 20MHz / 64QAM

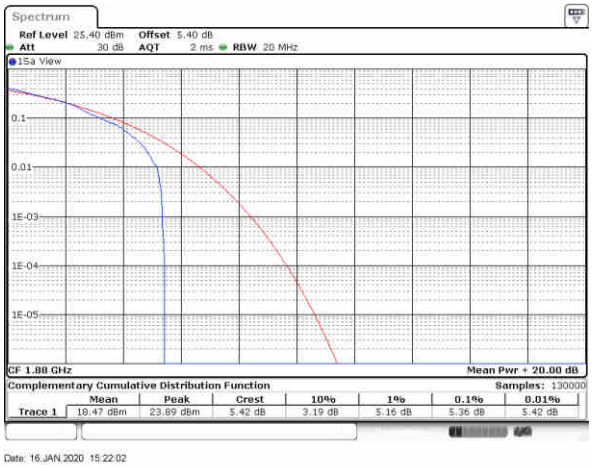
Lowest Channel / 1RB



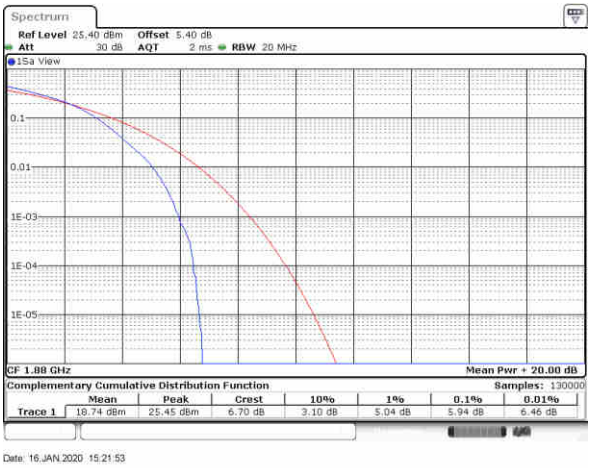
Lowest Channel / Full RB



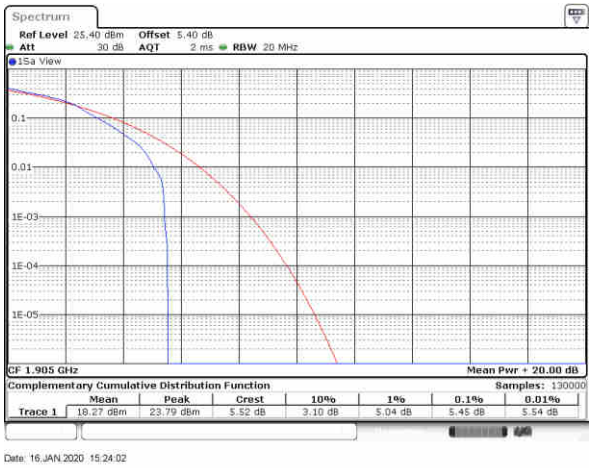
Middle Channel / 1RB



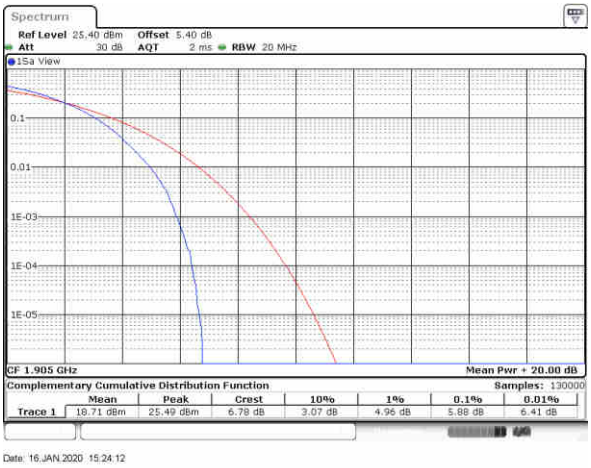
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

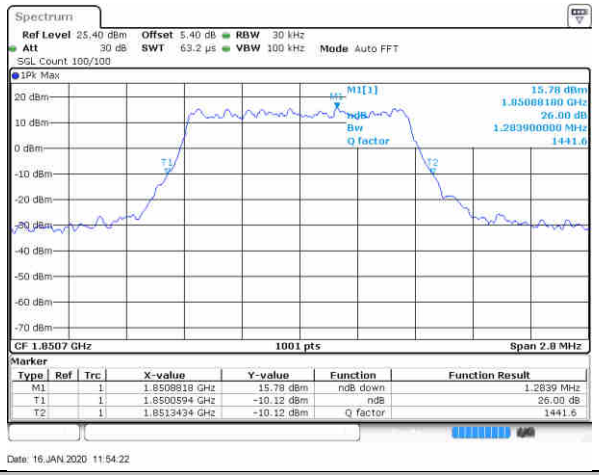


26dB Bandwidth

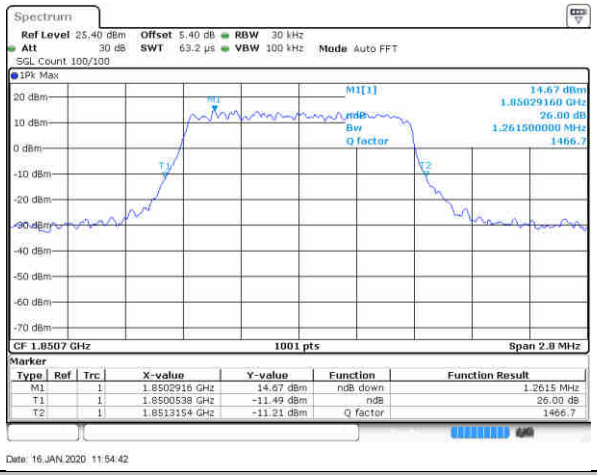
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.26	2.96	3.00	4.92	4.85	9.99	9.87	14.57	14.57	20.18	20.26
Middle CH	1.24	1.29	3.03	3.00	4.90	4.95	9.79	9.79	14.60	14.57	20.14	20.18
Highest CH	1.27	1.29	3.01	2.98	4.90	4.96	9.87	10.05	14.36	14.72	20.14	20.38
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.28	-	3.02	-	4.86	-	9.71	-	14.45	-	20.50	-
Middle CH	1.29	-	2.99	-	4.84	-	9.83	-	14.33	-	20.06	-
Highest CH	1.26	-	2.99	-	4.95	-	9.65	-	14.42	-	20.18	-

LTE Band 25

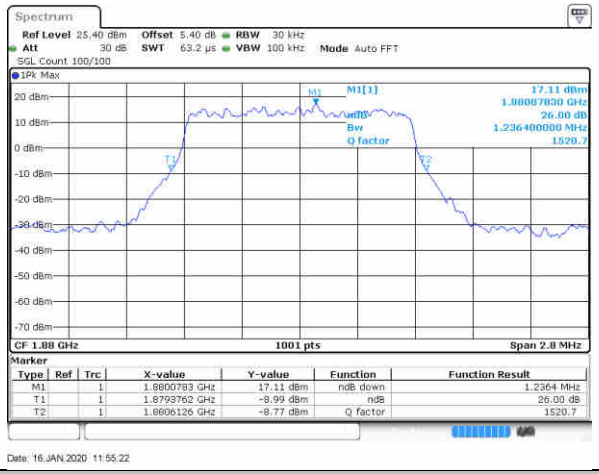
Lowest Channel / 1.4MHz / QPSK



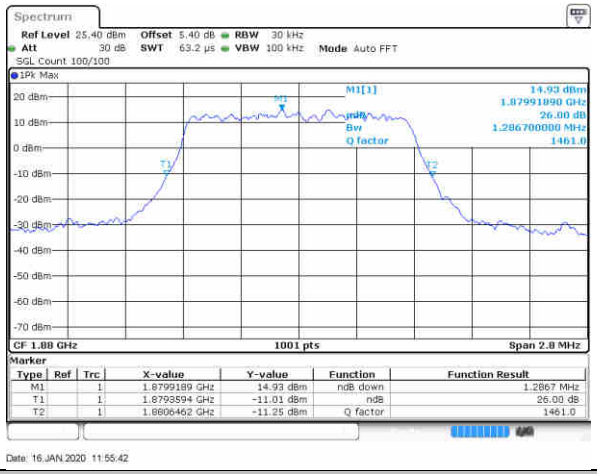
Lowest Channel / 1.4MHz / 16QAM



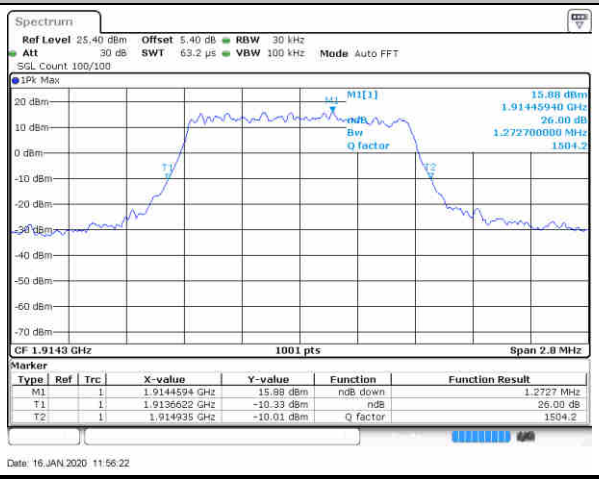
Middle Channel / 1.4MHz / QPSK



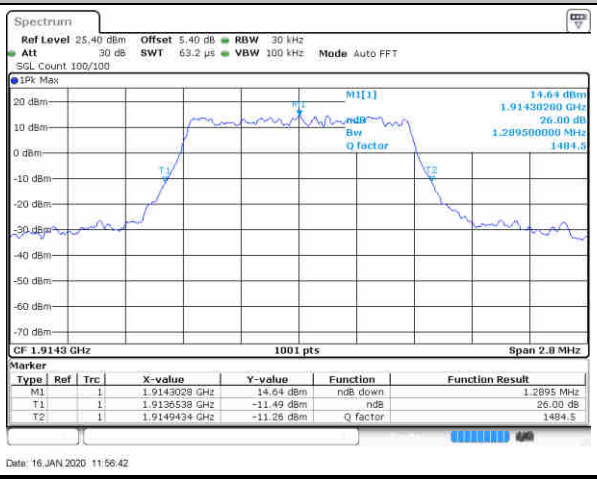
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

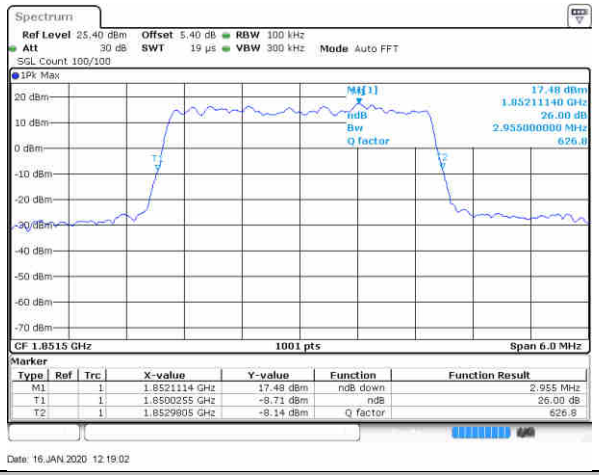


Highest Channel / 1.4MHz / 16QAM

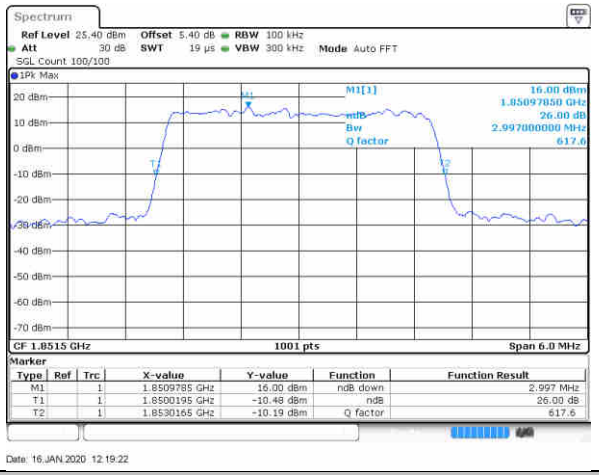


LTE Band 25

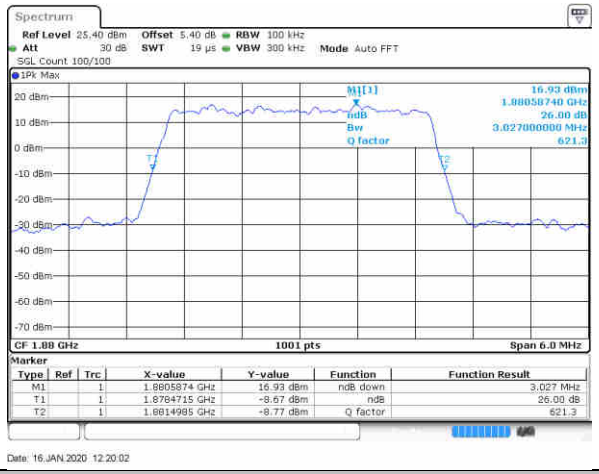
Lowest Channel / 3MHz / QPSK



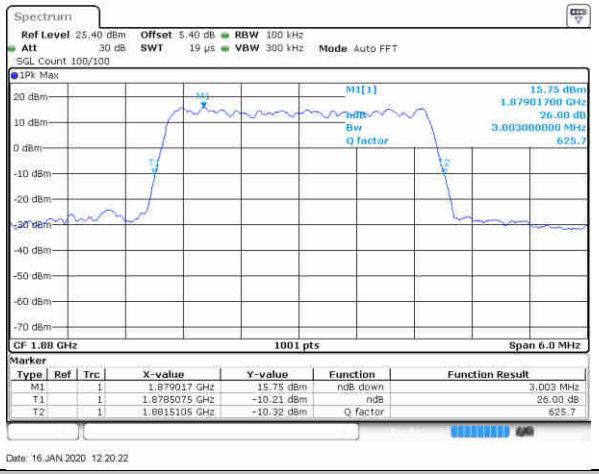
Lowest Channel / 3MHz / 16QAM



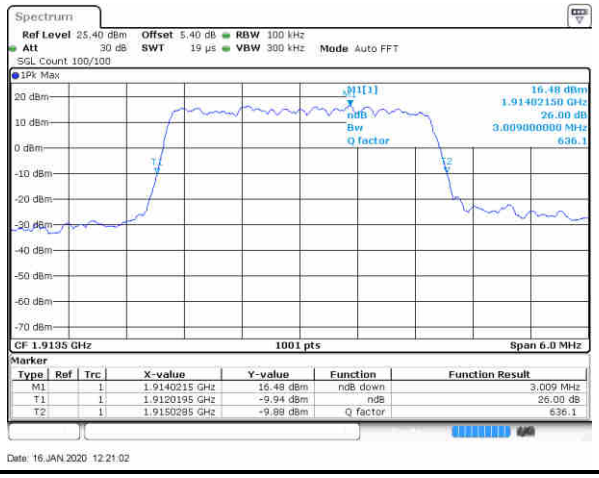
Middle Channel / 3MHz / QPSK



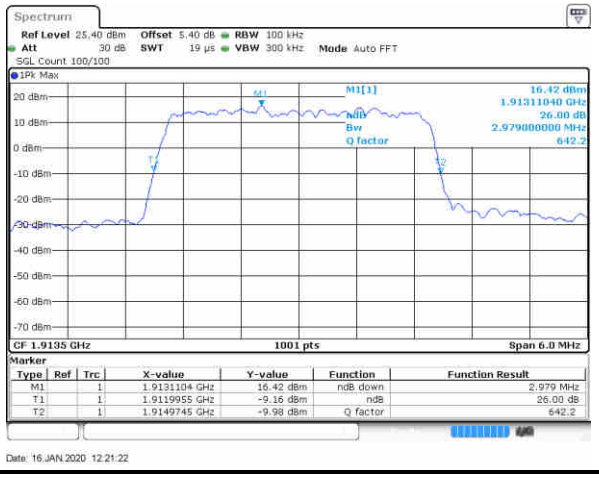
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

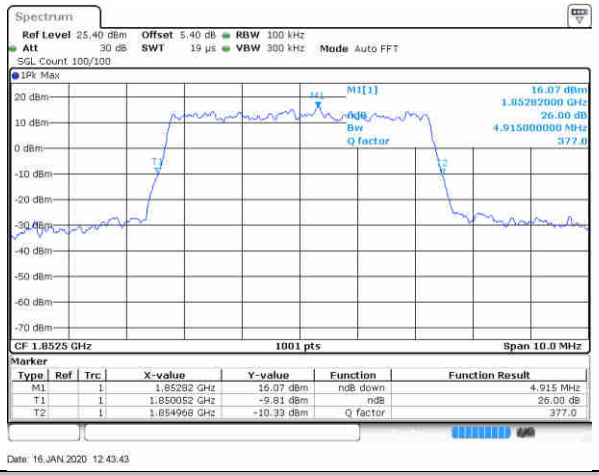


Highest Channel / 3MHz / 16QAM

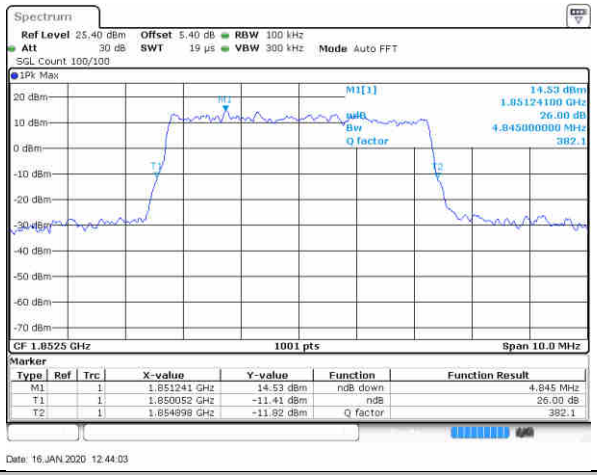


LTE Band 25

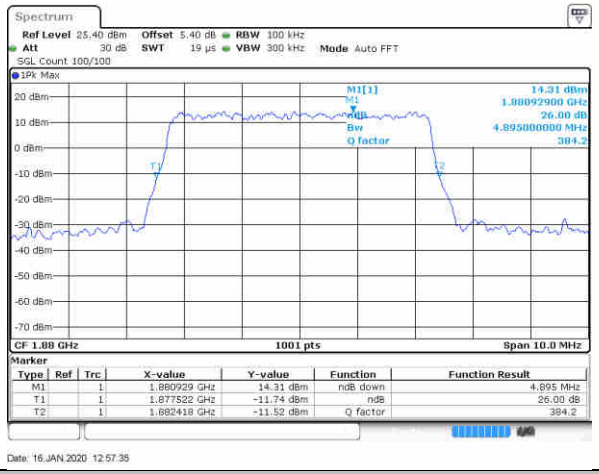
Lowest Channel / 5MHz / QPSK



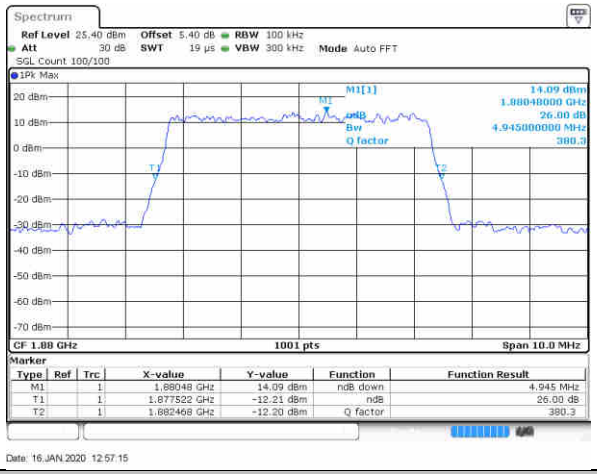
Lowest Channel / 5MHz / 16QAM



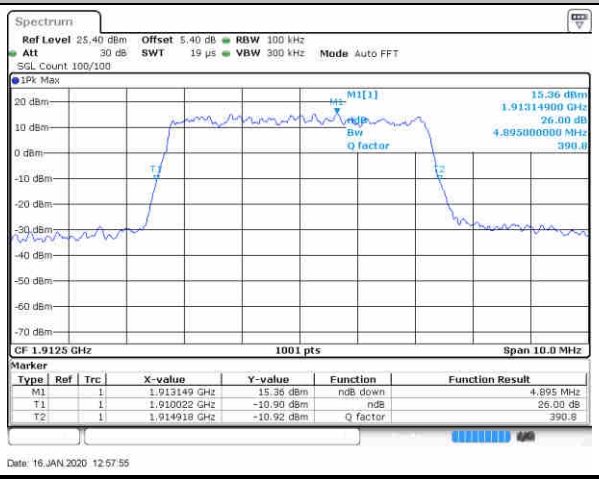
Middle Channel / 5MHz / QPSK



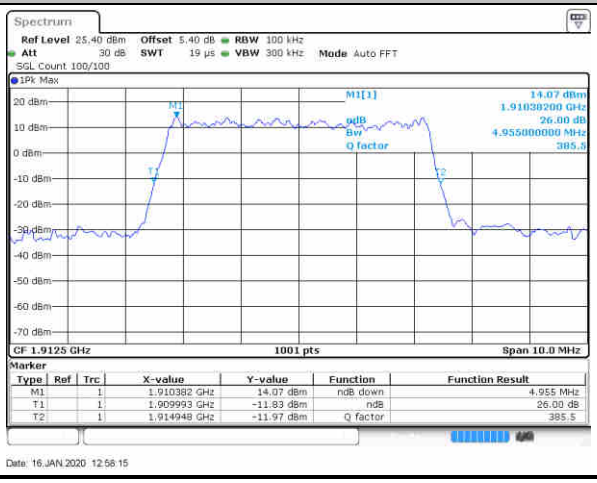
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

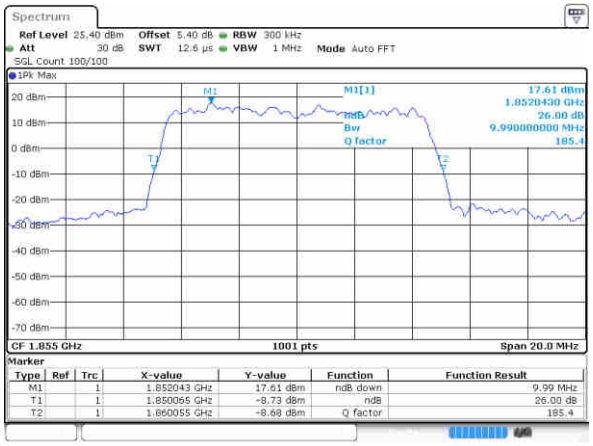


Highest Channel / 5MHz / 16QAM

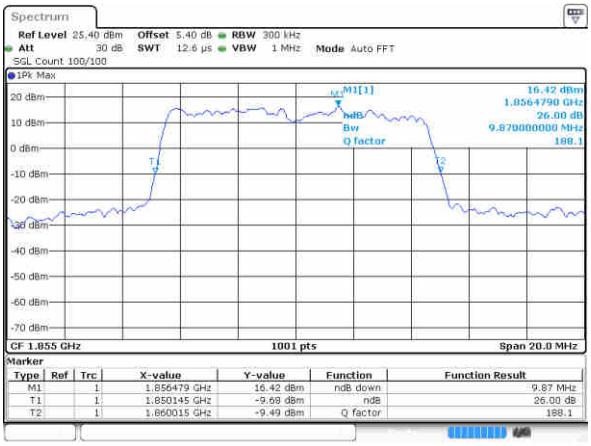


LTE Band 25

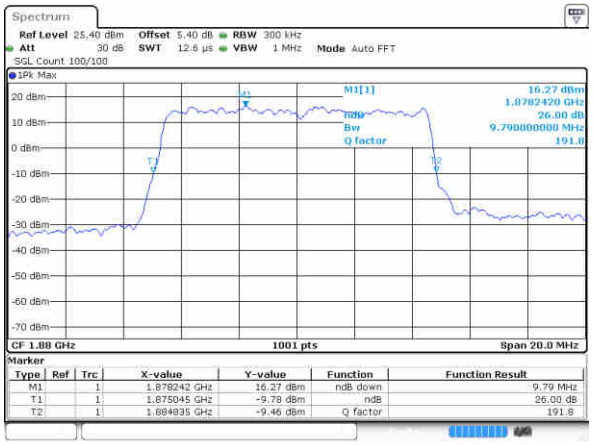
Lowest Channel / 10MHz / QPSK



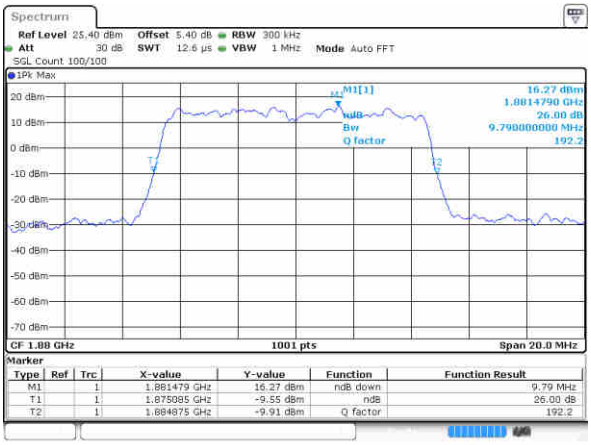
Lowest Channel / 10MHz / 16QAM



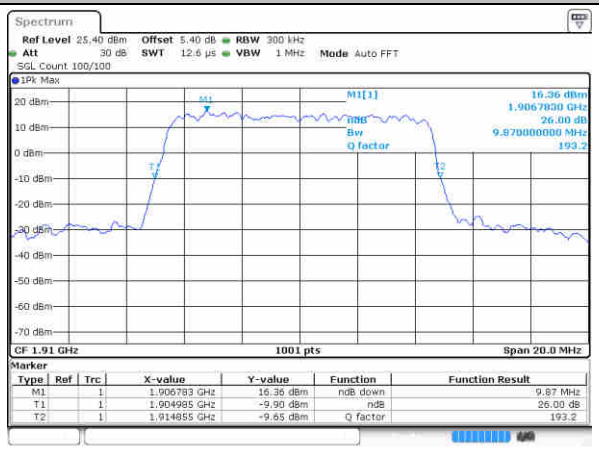
Middle Channel / 10MHz / QPSK



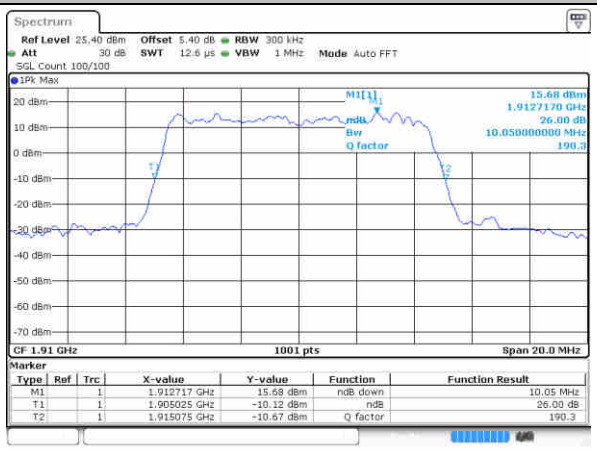
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

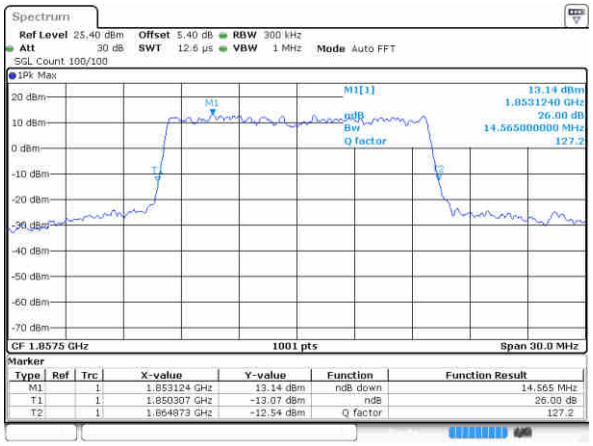


Highest Channel / 10MHz / 16QAM

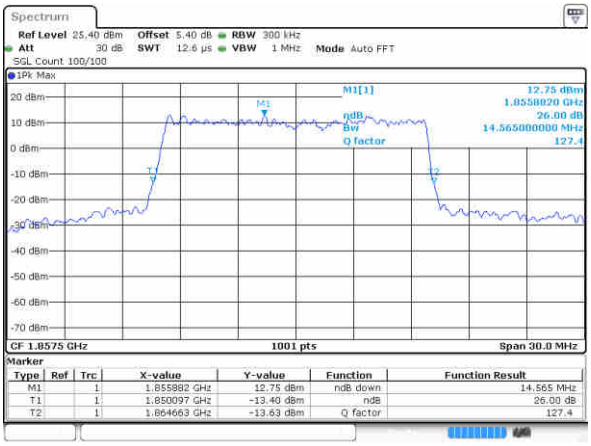


LTE Band 25

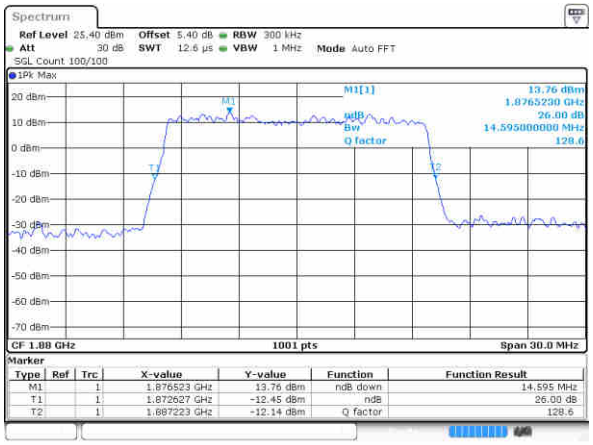
Lowest Channel / 15MHz / QPSK



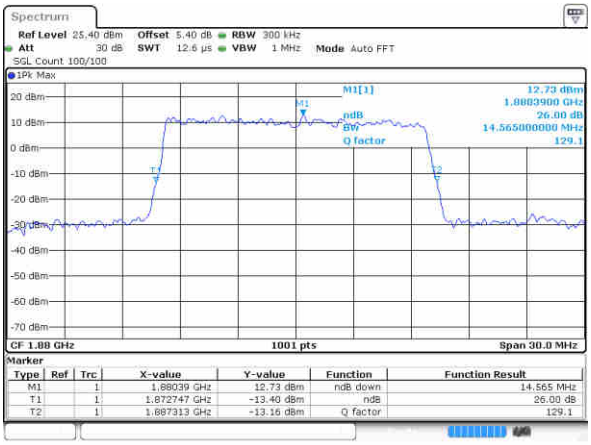
Lowest Channel / 15MHz / 16QAM



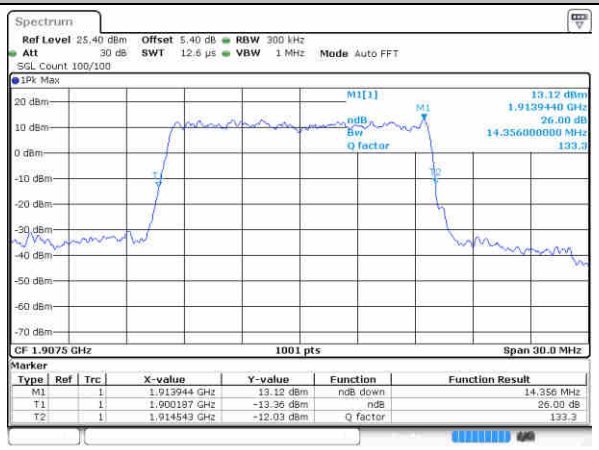
Middle Channel / 15MHz / QPSK



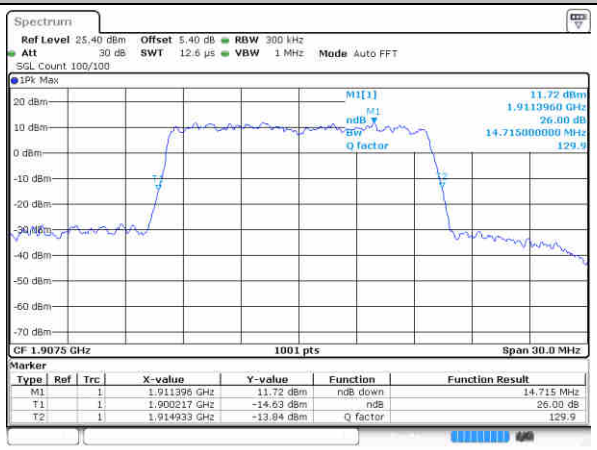
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

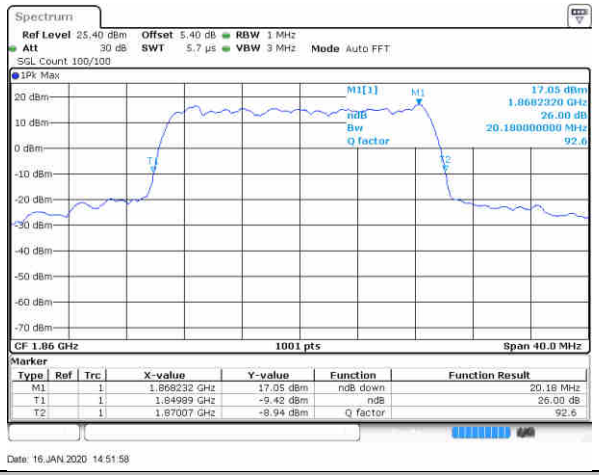


Highest Channel / 15MHz / 16QAM

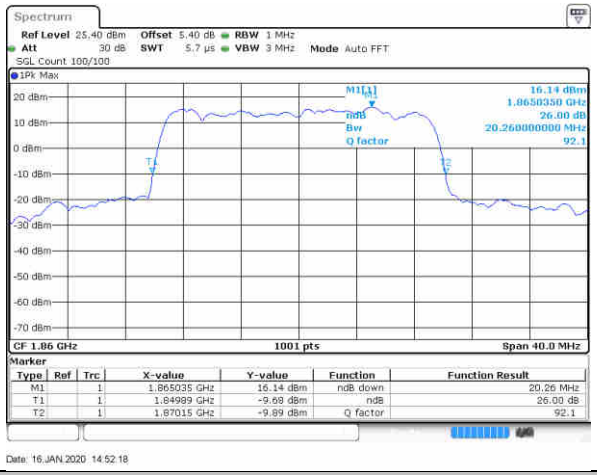


LTE Band 25

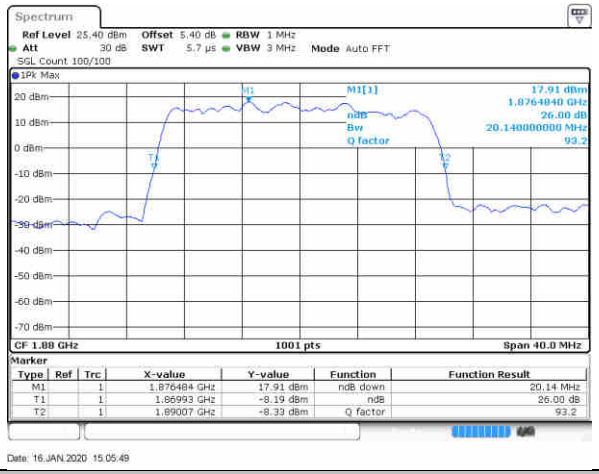
Lowest Channel / 20MHz / QPSK



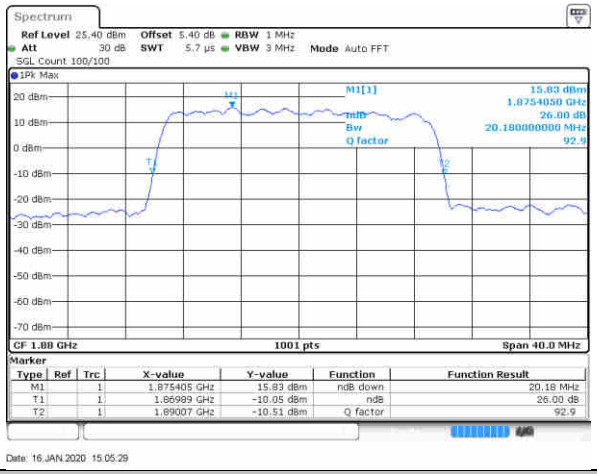
Lowest Channel / 20MHz / 16QAM



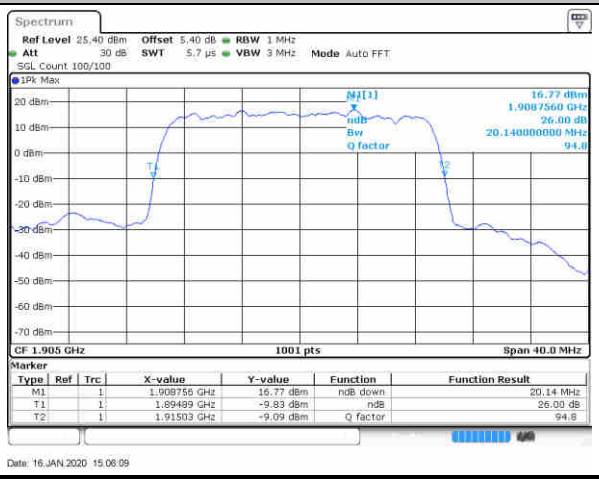
Middle Channel / 20MHz / QPSK



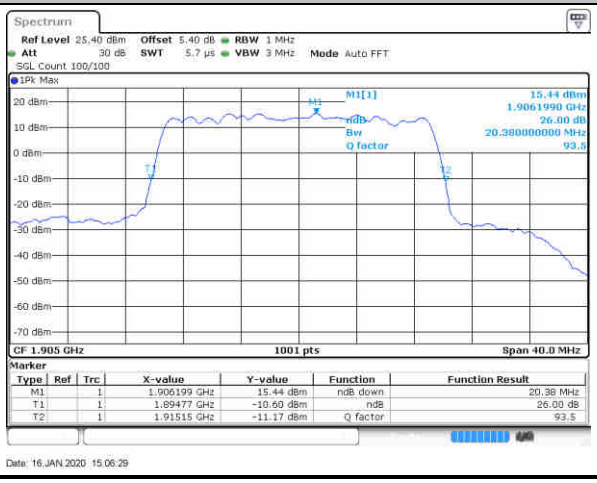
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

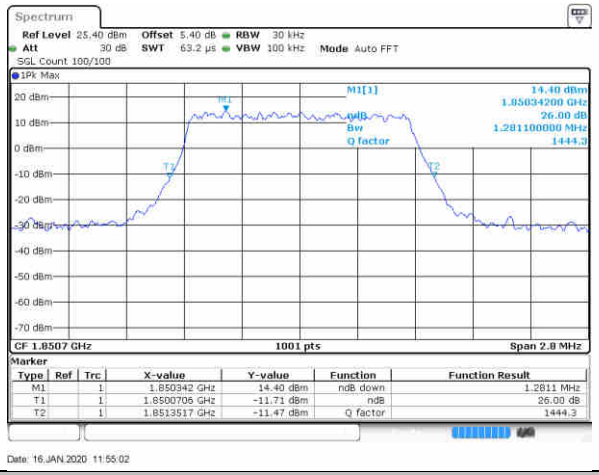


Highest Channel / 20MHz / 16QAM

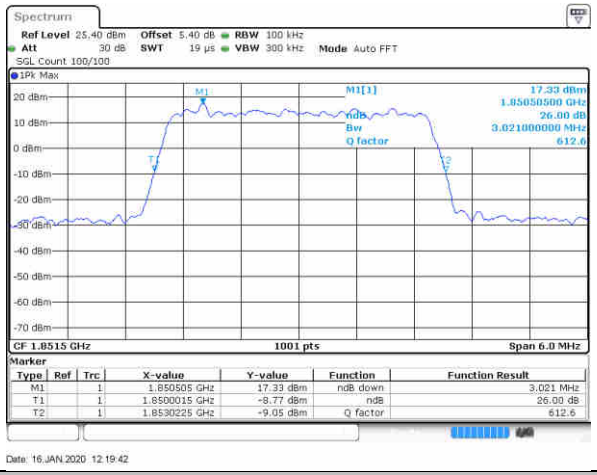


LTE Band 25

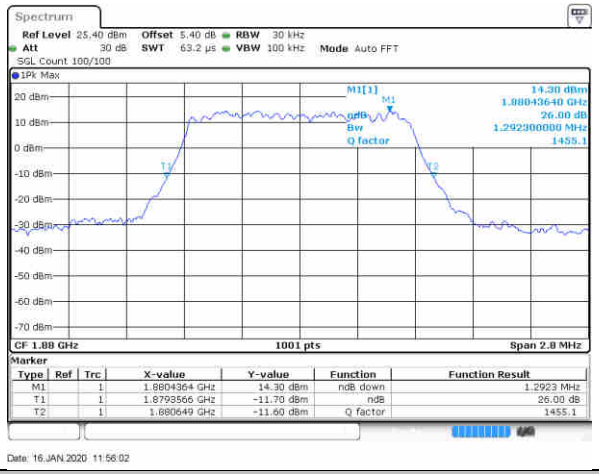
Lowest Channel / 1.4MHz / 64QAM



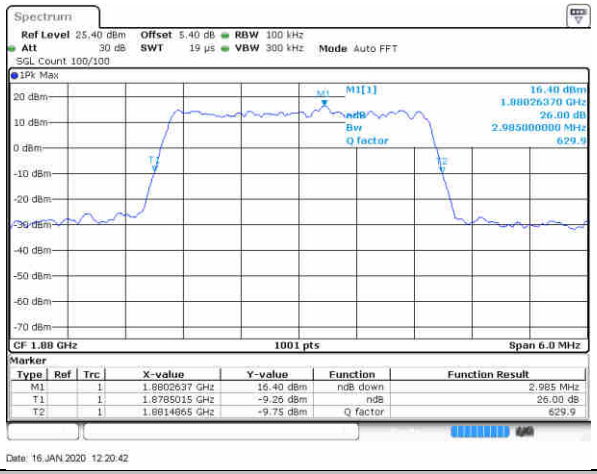
Lowest Channel / 3MHz / 64QAM



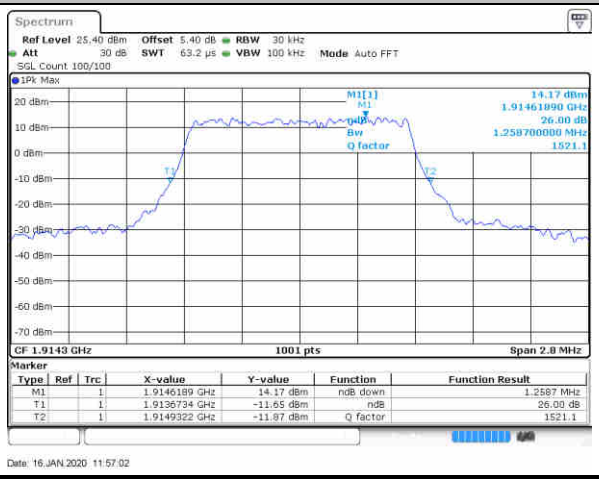
Middle Channel / 1.4MHz / 64QAM



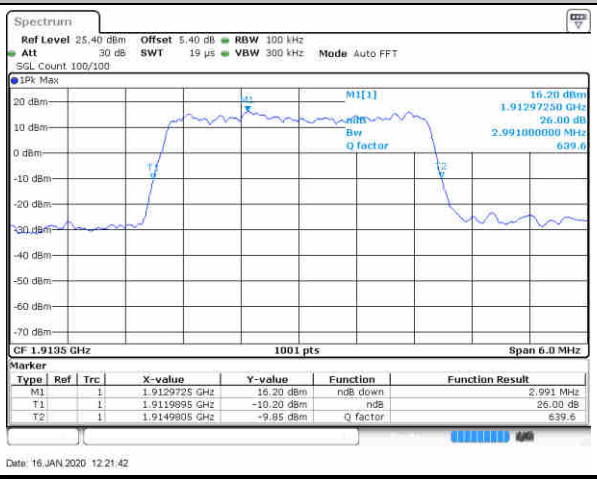
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

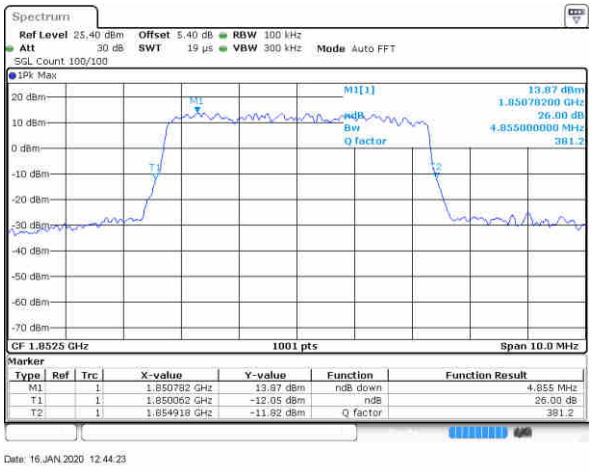


Highest Channel / 3MHz / 64QAM

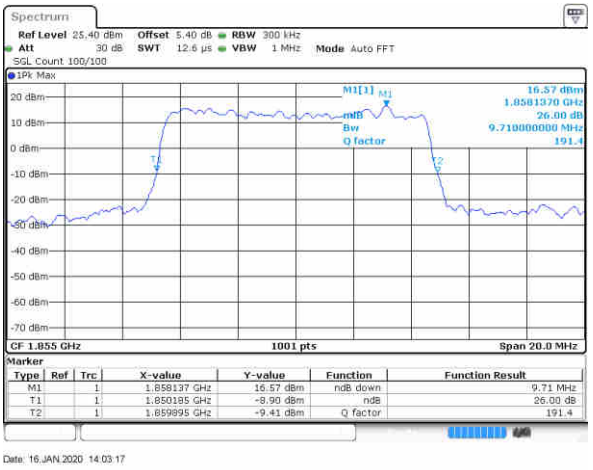


LTE Band 25

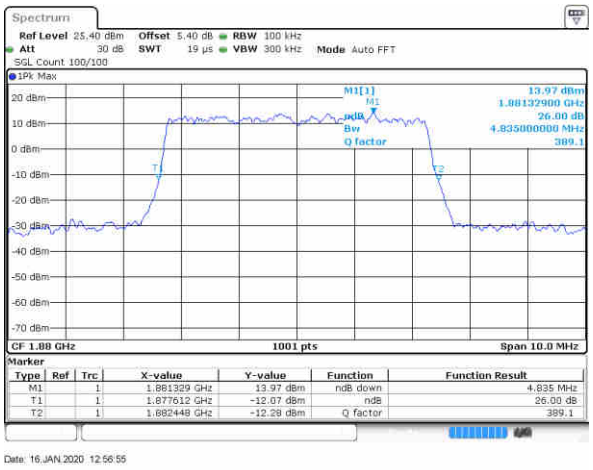
Lowest Channel / 5MHz / 64QAM



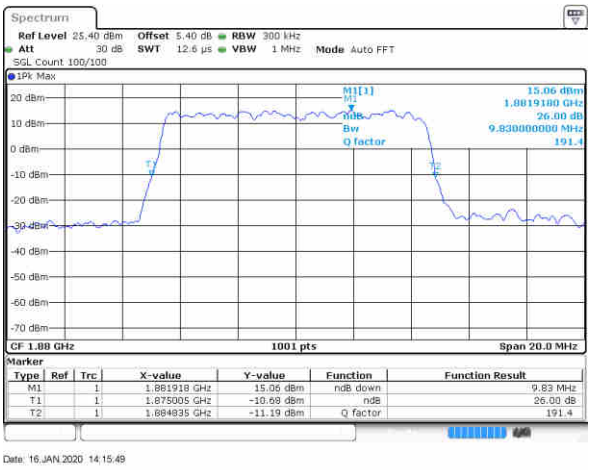
Lowest Channel / 10MHz / 64QAM



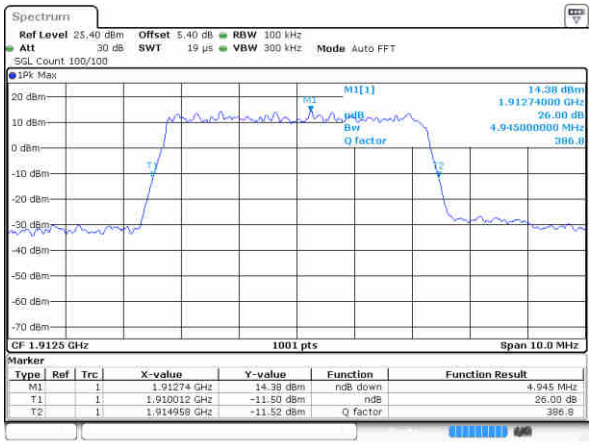
Middle Channel / 5MHz / 64QAM



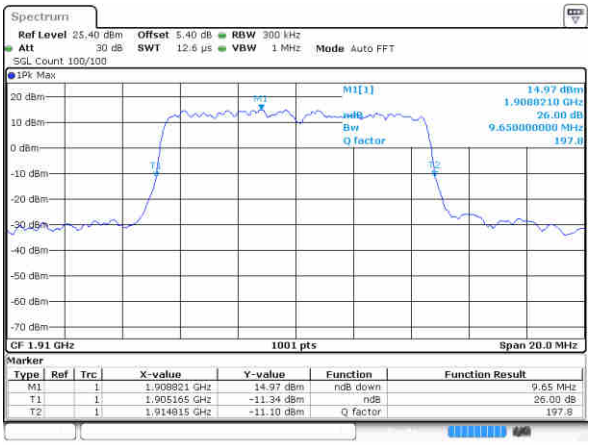
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

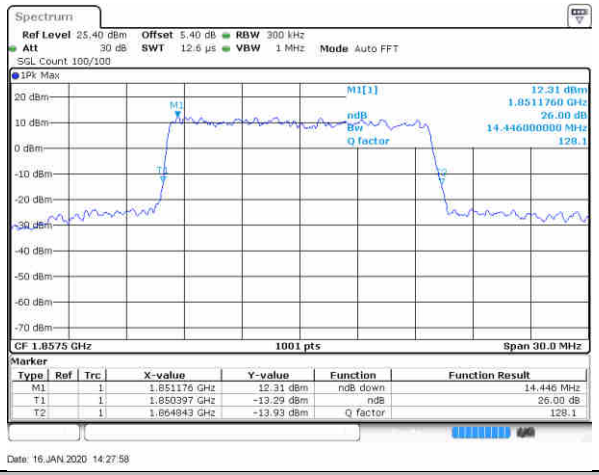


Highest Channel / 10MHz / 64QAM

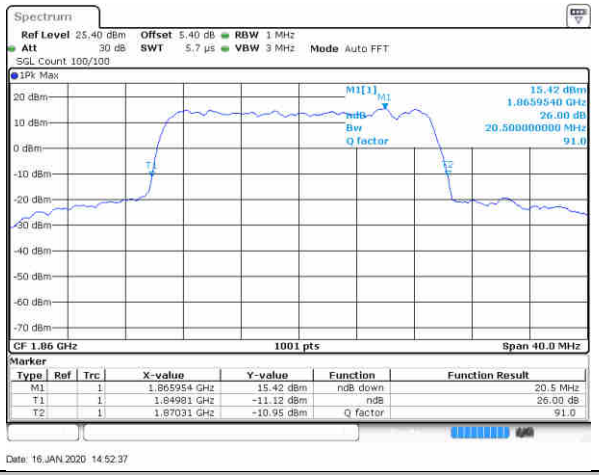


LTE Band 25

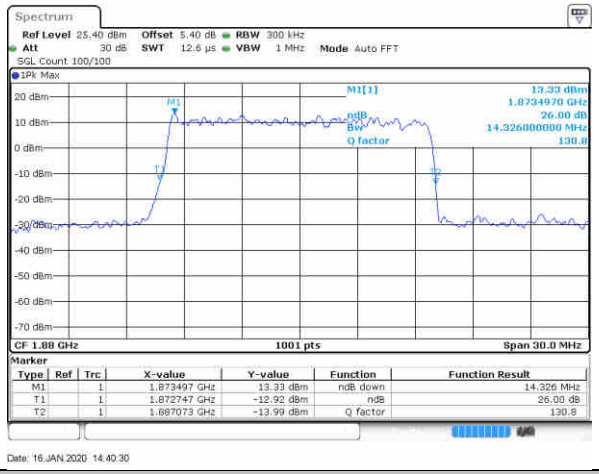
Lowest Channel / 15MHz / 64QAM



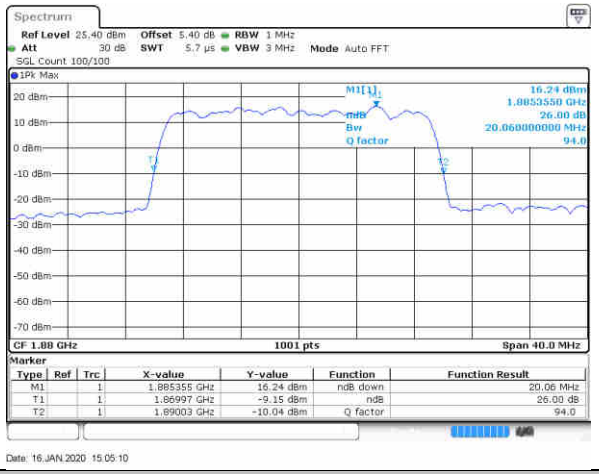
Lowest Channel / 20MHz / 64QAM



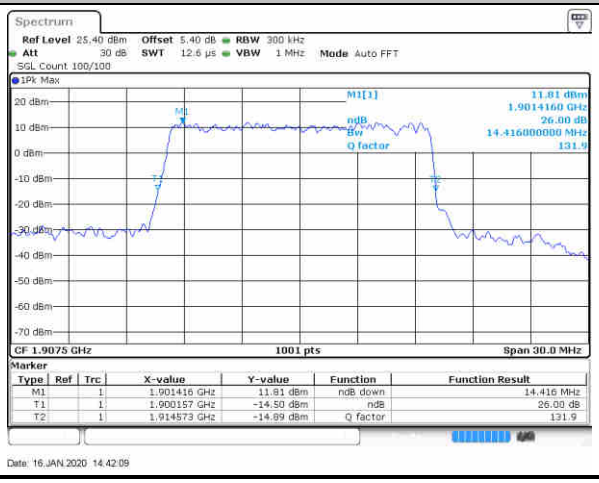
Middle Channel / 15MHz / 64QAM



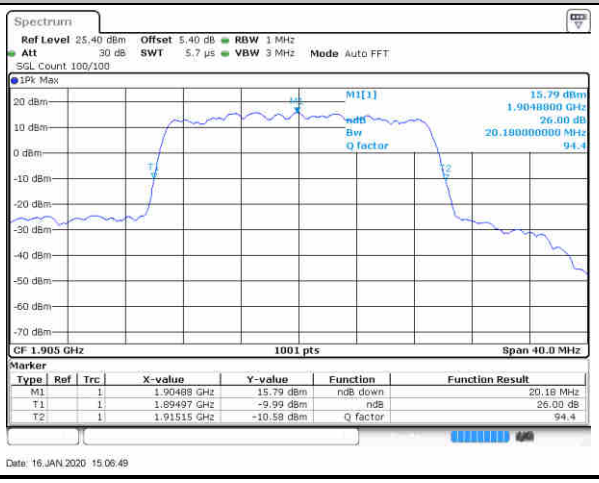
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

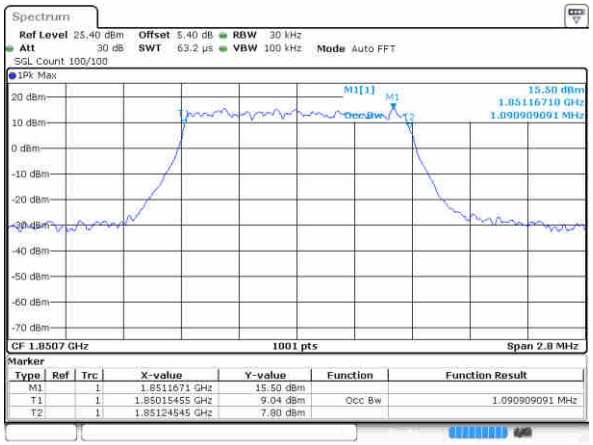


Occupied Bandwidth

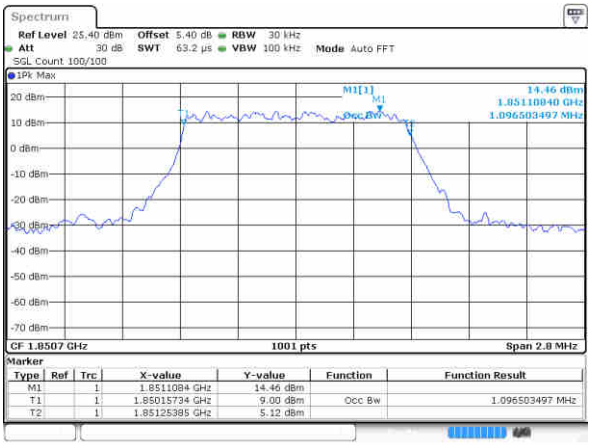
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.70	2.73	4.49	4.49	8.99	9.07	13.55	13.43	18.38	18.66
Middle CH	1.09	1.09	2.73	2.72	4.49	4.49	9.01	9.03	13.37	13.52	18.46	18.30
Highest CH	1.09	1.10	2.71	2.72	4.49	4.49	9.01	9.01	13.40	13.43	18.26	18.26
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.09	-	2.73	-	4.48	-	9.07	-	13.40	-	18.50	-
Middle CH	1.09	-	2.73	-	4.48	-	9.01	-	13.49	-	18.42	-
Highest CH	1.09	-	2.72	-	4.48	-	8.97	-	13.43	-	18.38	-

LTE Band 25

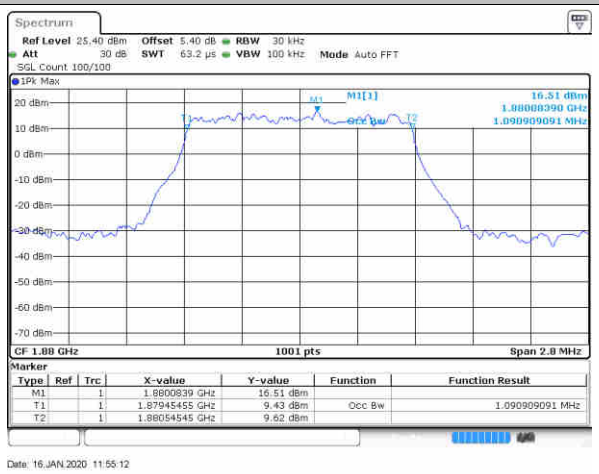
Lowest Channel / 1.4MHz / QPSK



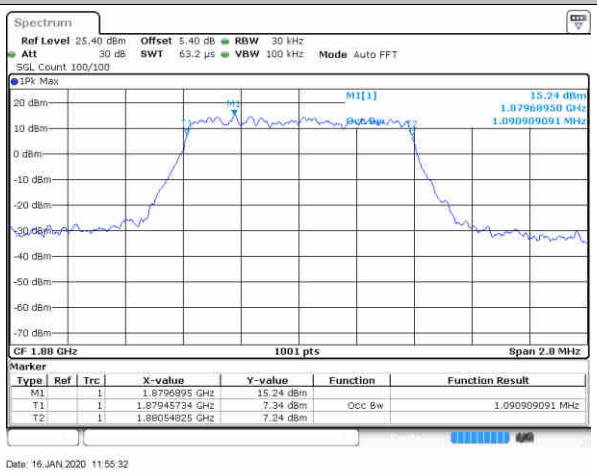
Lowest Channel / 1.4MHz / 16QAM



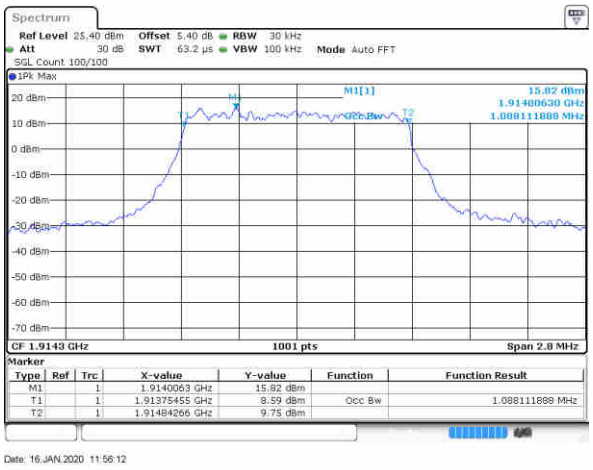
Middle Channel / 1.4MHz / QPSK



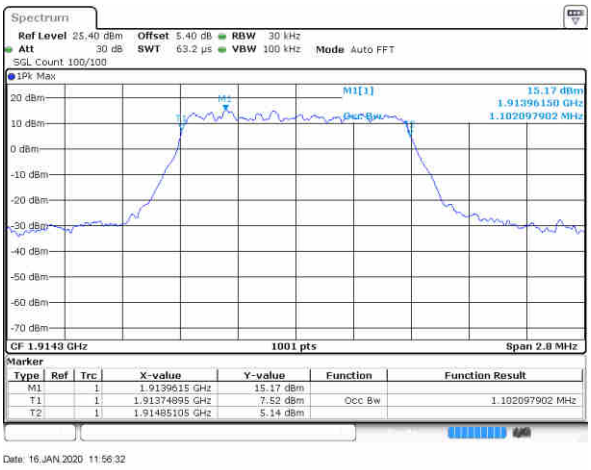
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

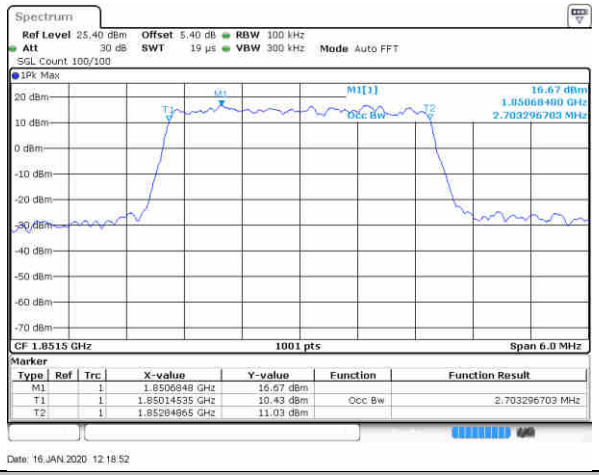


Highest Channel / 1.4MHz / 16QAM

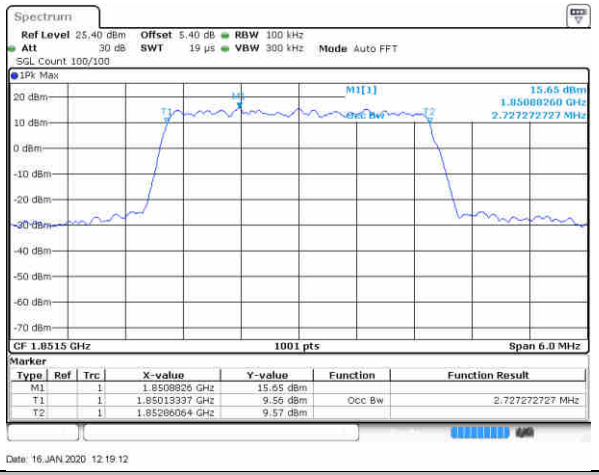


LTE Band 25

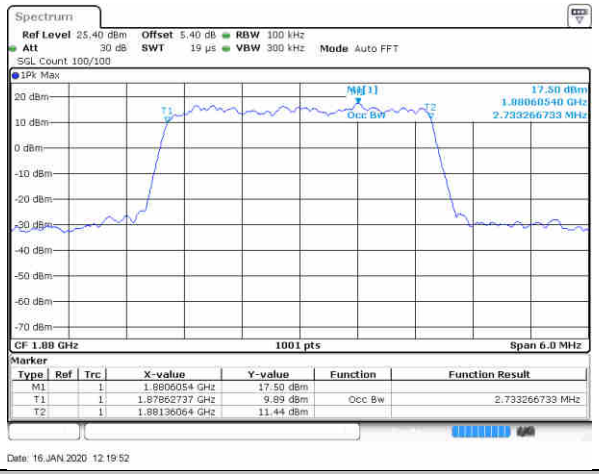
Lowest Channel / 3MHz / QPSK



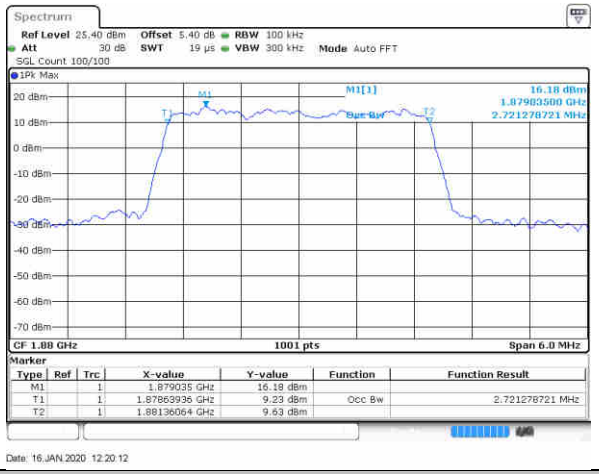
Lowest Channel / 3MHz / 16QAM



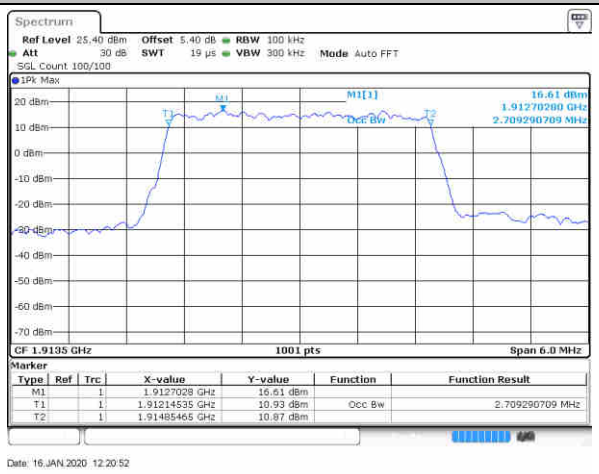
Middle Channel / 3MHz / QPSK



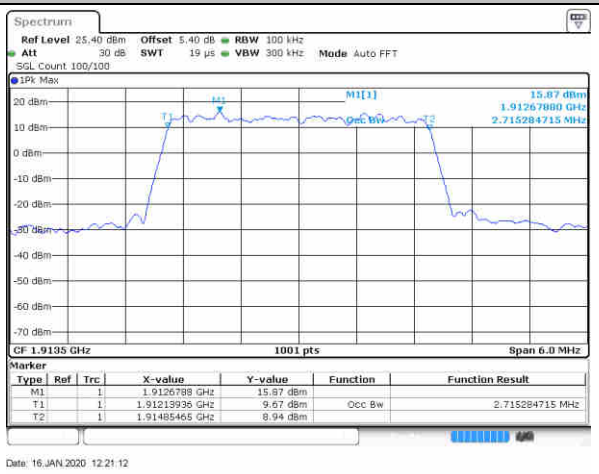
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

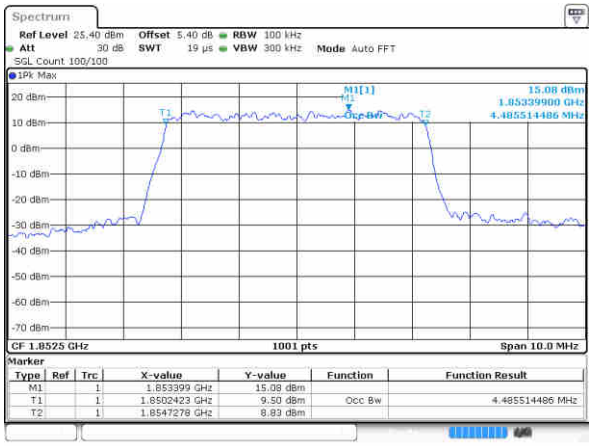


Highest Channel / 3MHz / 16QAM

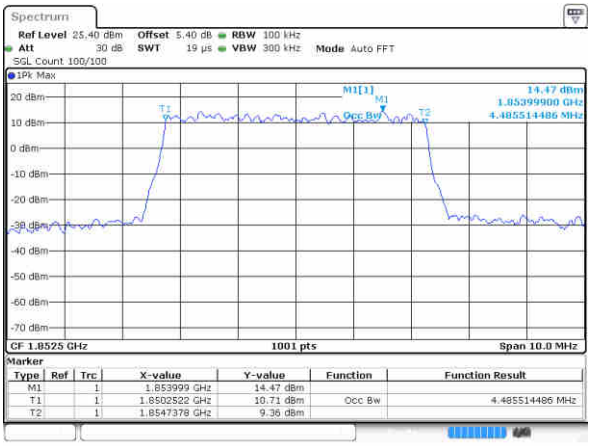


LTE Band 25

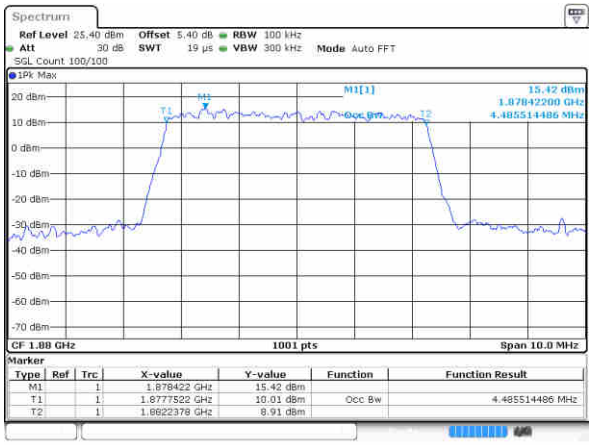
Lowest Channel / 5MHz / QPSK



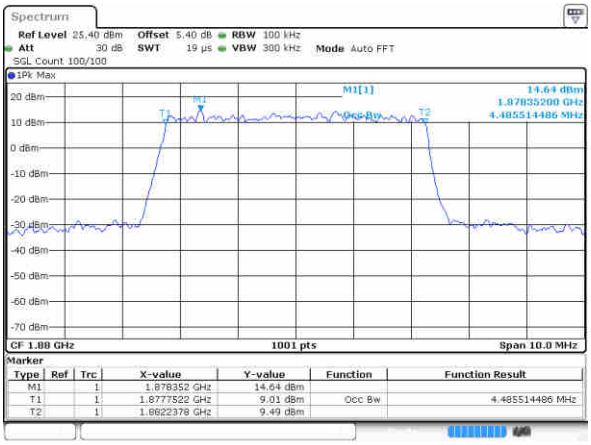
Lowest Channel / 5MHz / 16QAM



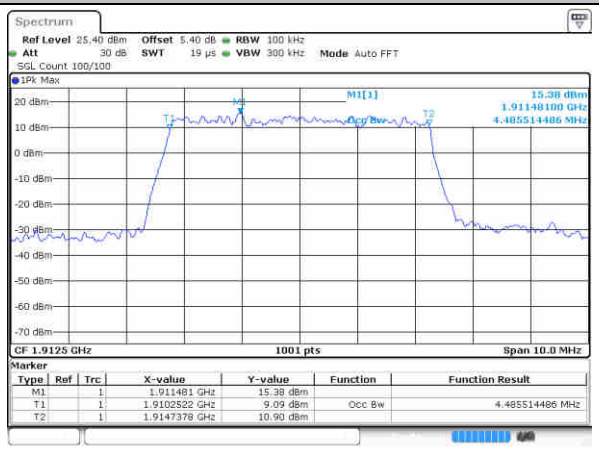
Middle Channel / 5MHz / QPSK



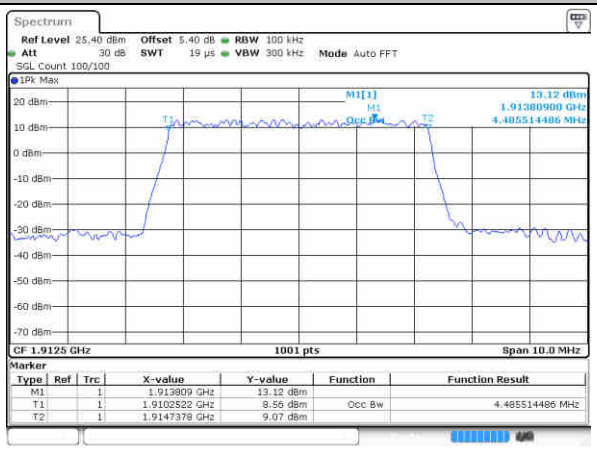
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

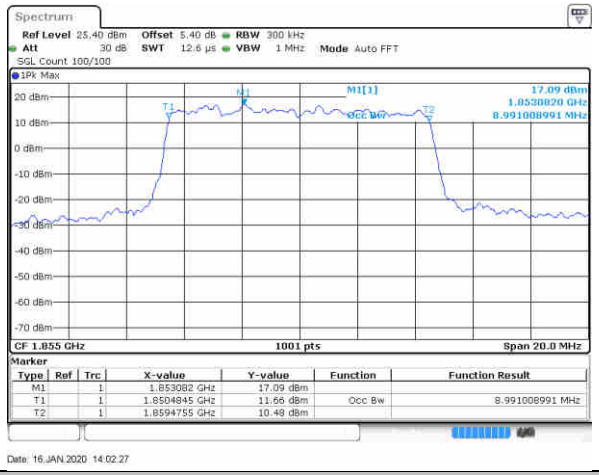


Highest Channel / 5MHz / 16QAM

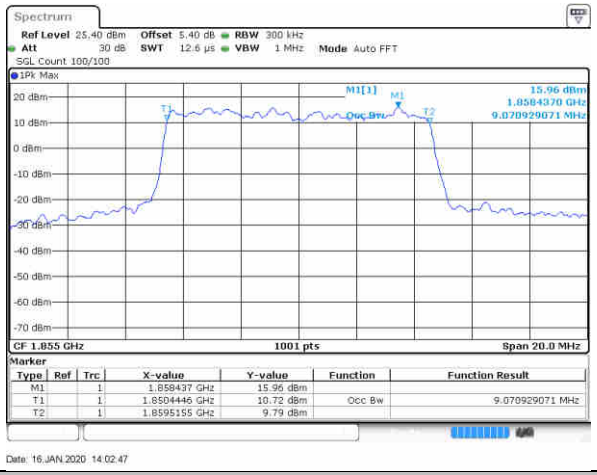


LTE Band 25

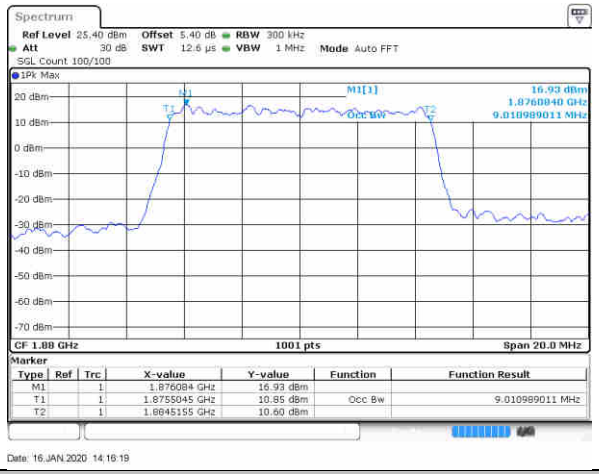
Lowest Channel / 10MHz / QPSK



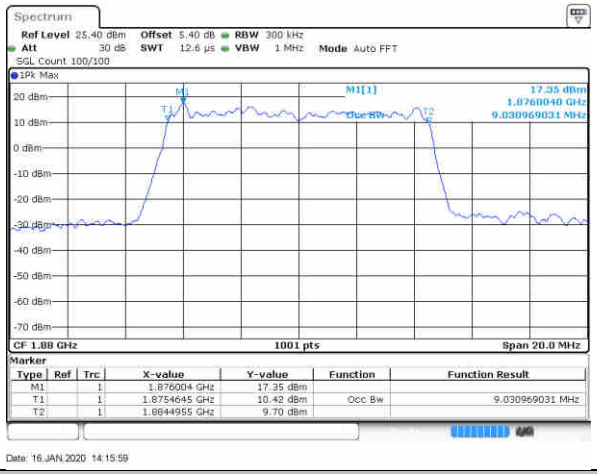
Lowest Channel / 10MHz / 16QAM



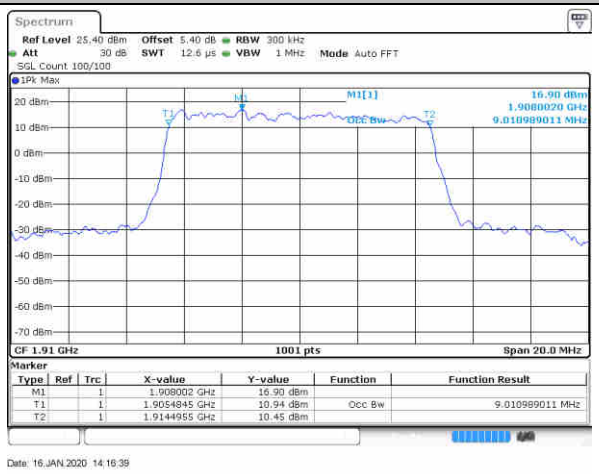
Middle Channel / 10MHz / QPSK



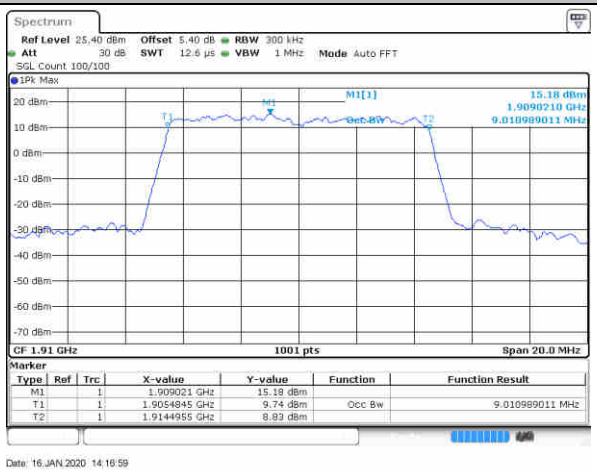
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

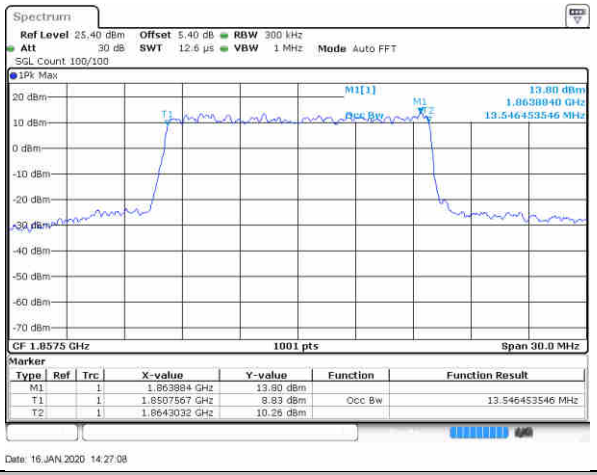


Highest Channel / 10MHz / 16QAM

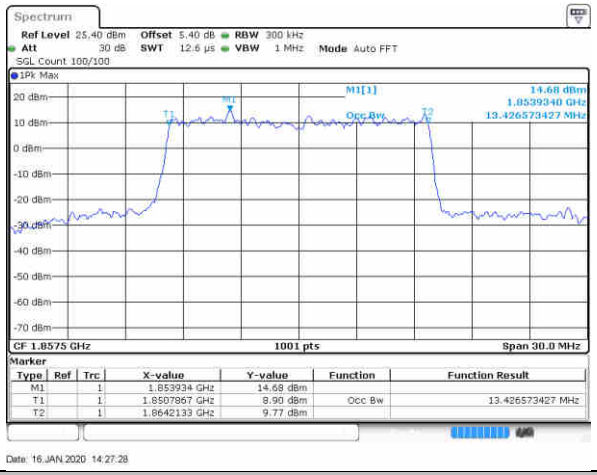


LTE Band 25

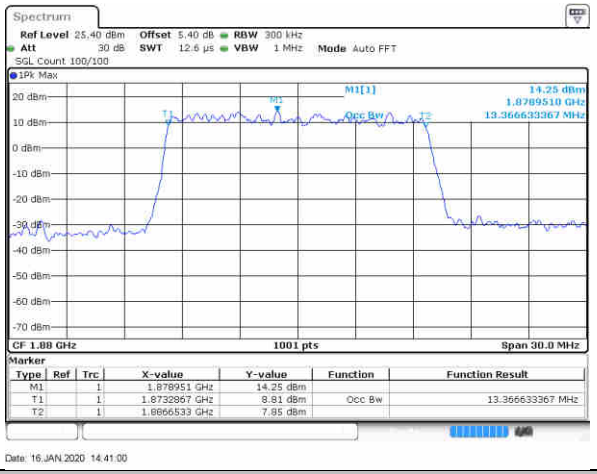
Lowest Channel / 15MHz / QPSK



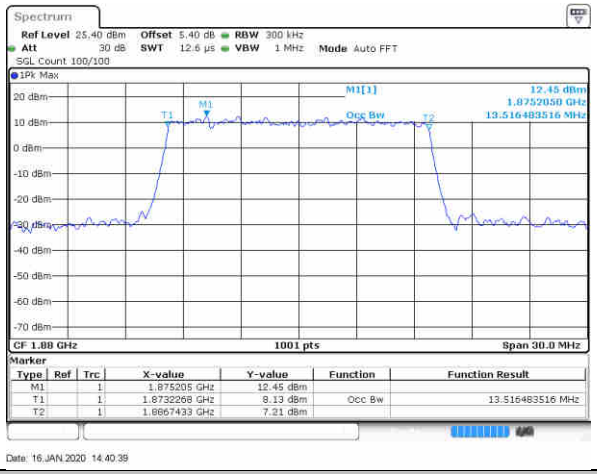
Lowest Channel / 15MHz / 16QAM



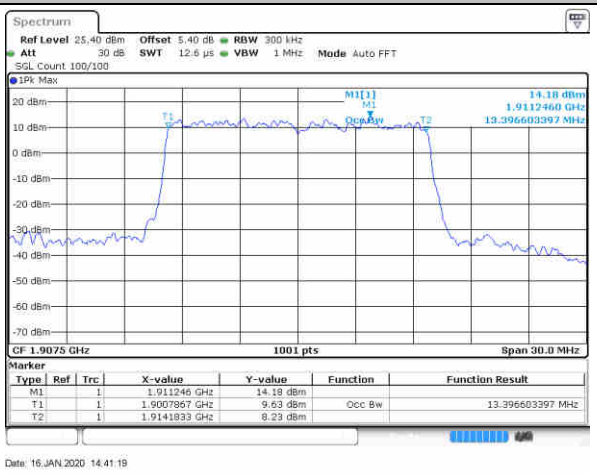
Middle Channel / 15MHz / QPSK



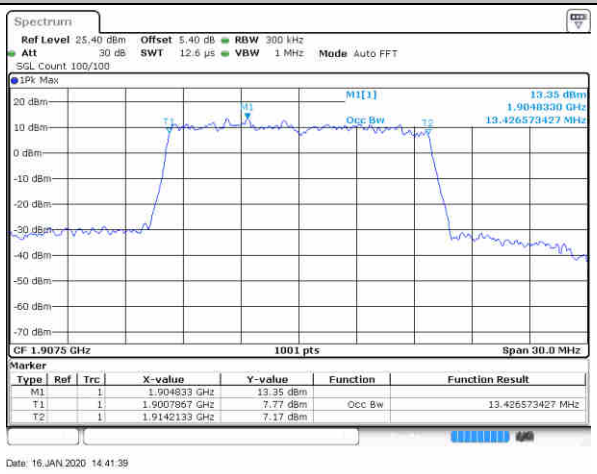
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

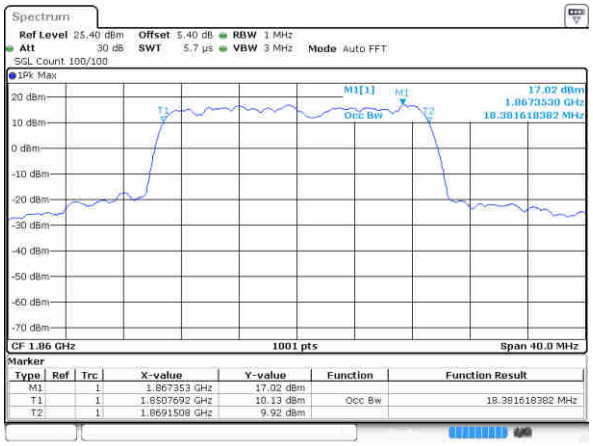


Highest Channel / 15MHz / 16QAM

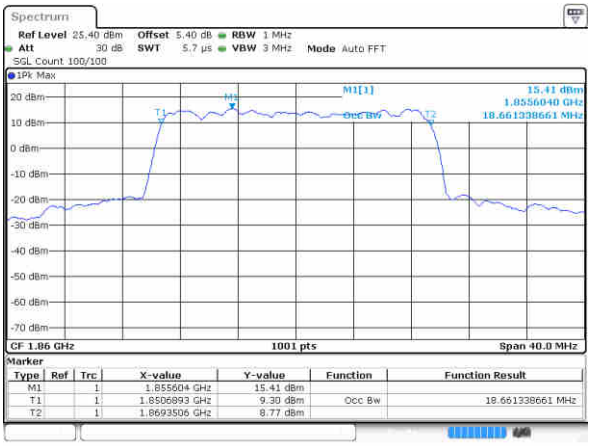


LTE Band 25

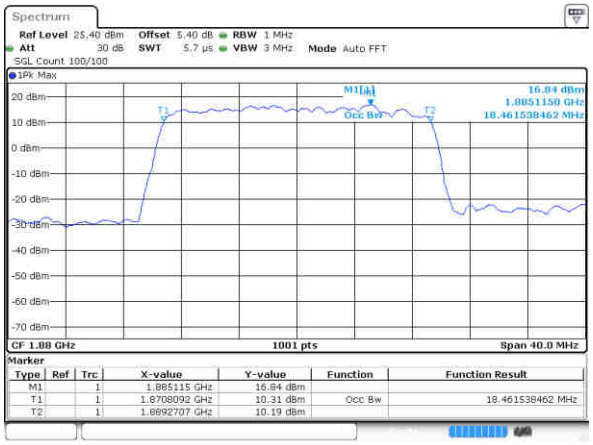
Lowest Channel / 20MHz / QPSK



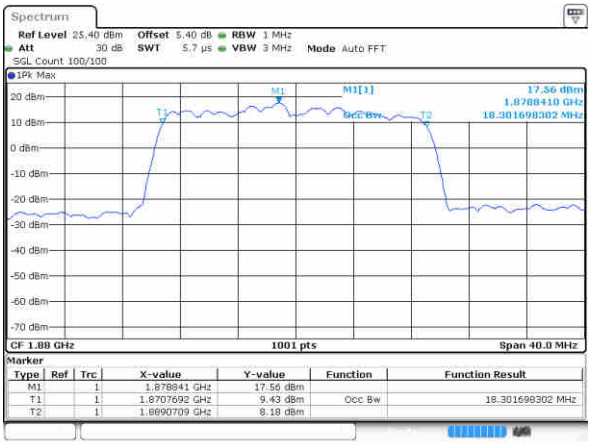
Lowest Channel / 20MHz / 16QAM



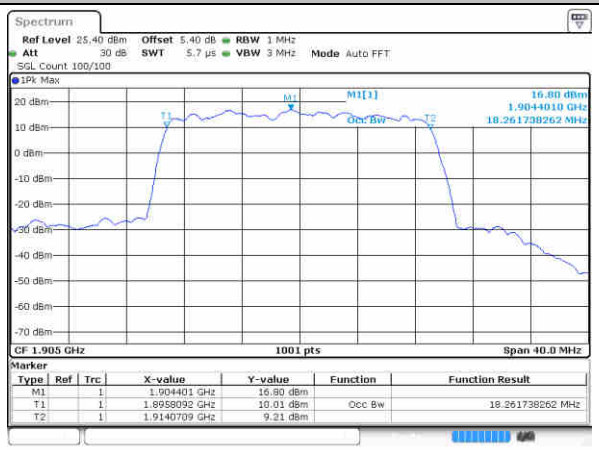
Middle Channel / 20MHz / QPSK



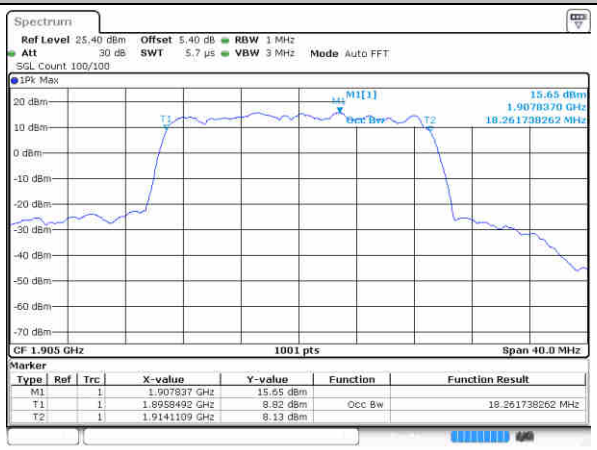
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

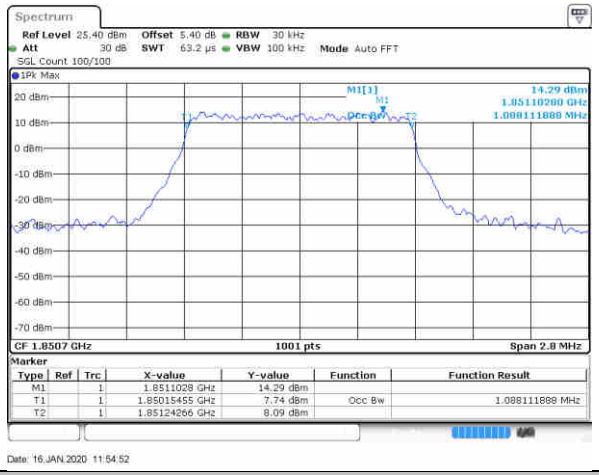


Highest Channel / 20MHz / 16QAM

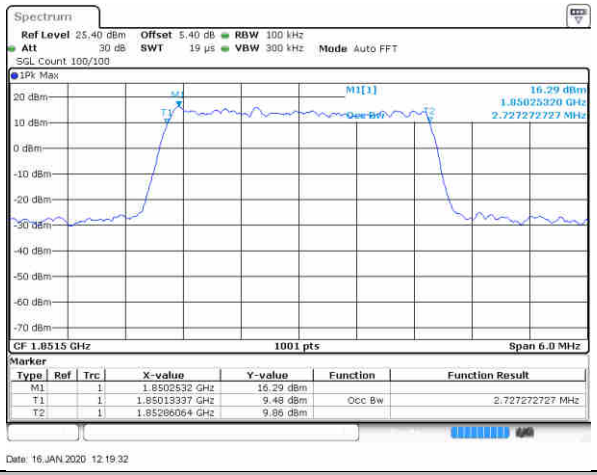


LTE Band 25

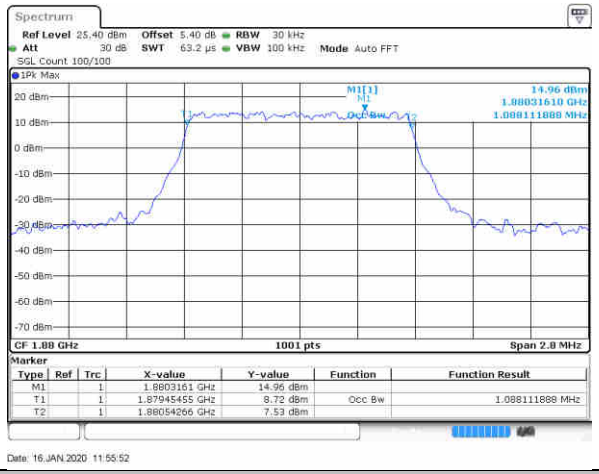
Lowest Channel / 1.4MHz / 64QAM



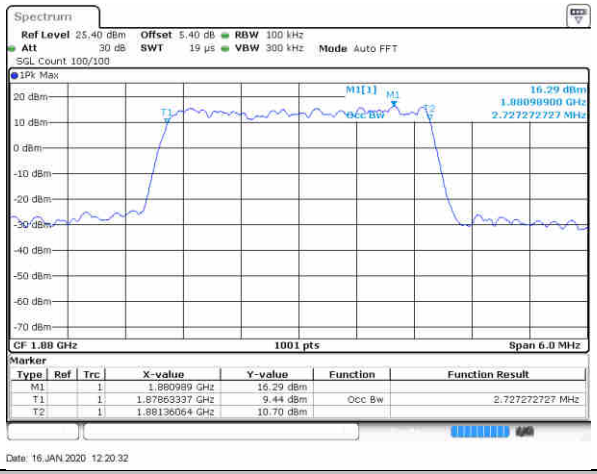
Lowest Channel / 3MHz / 64QAM



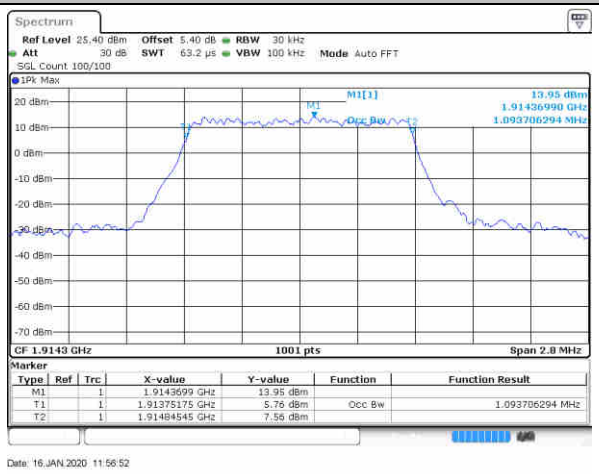
Middle Channel / 1.4MHz / 64QAM



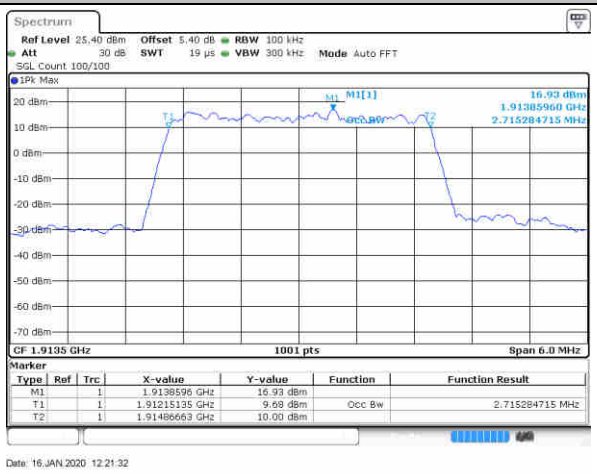
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

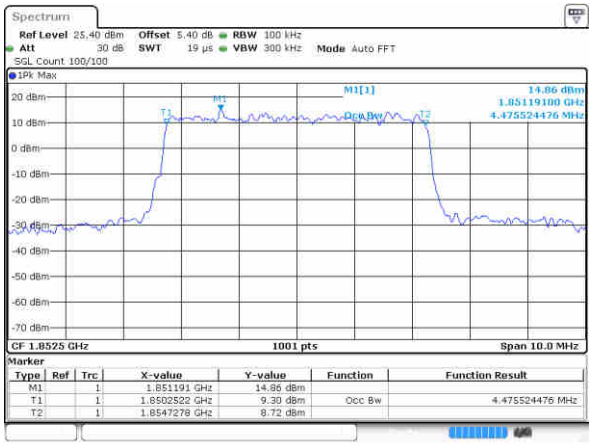


Highest Channel / 3MHz / 64QAM

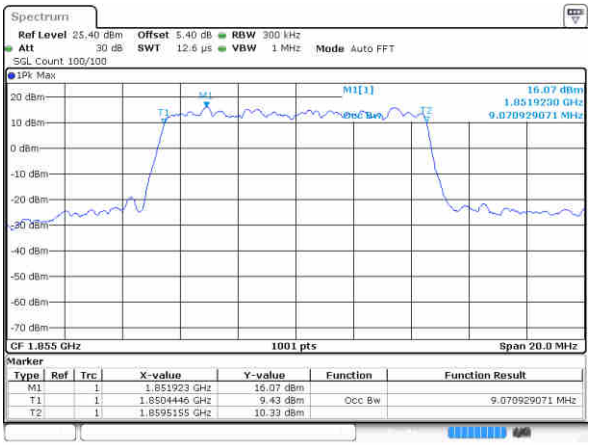


LTE Band 25

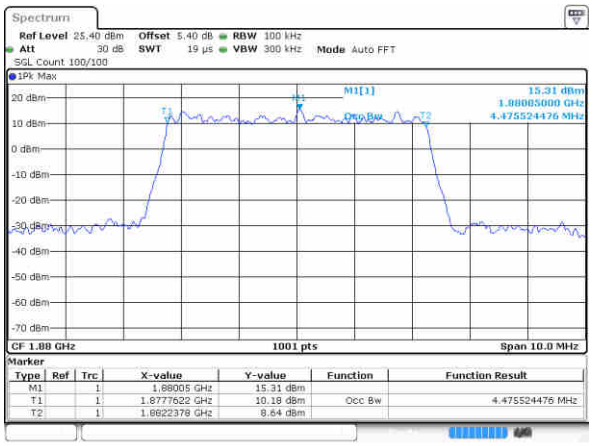
Lowest Channel / 5MHz / 64QAM



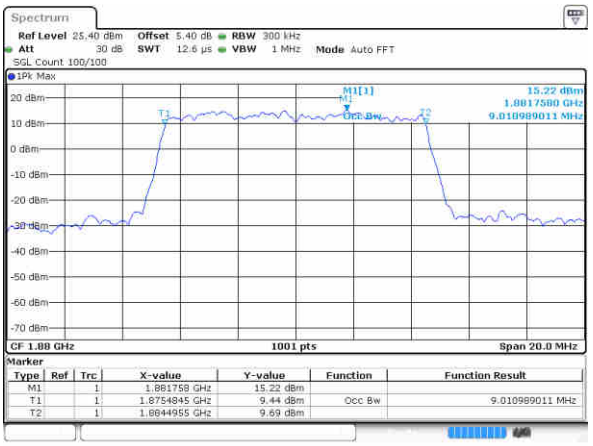
Lowest Channel / 10MHz / 64QAM



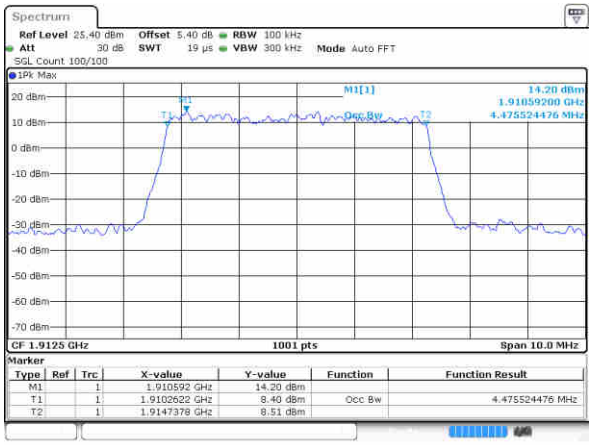
Middle Channel / 5MHz / 64QAM



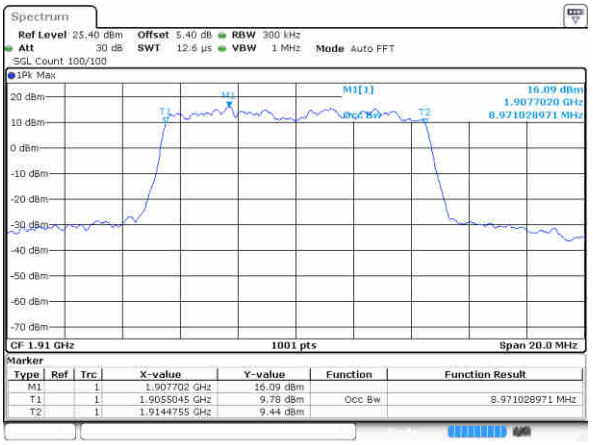
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

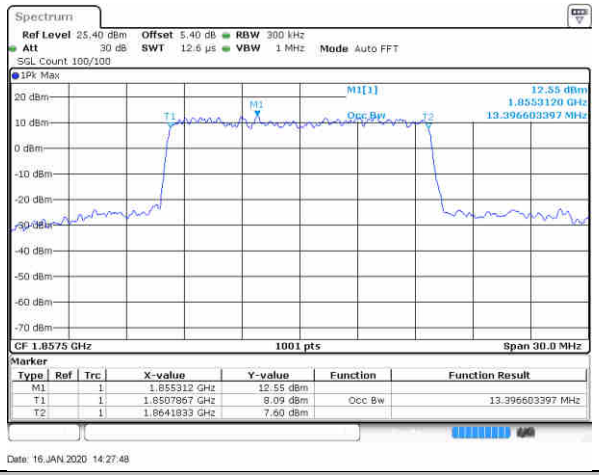


Highest Channel / 10MHz / 64QAM

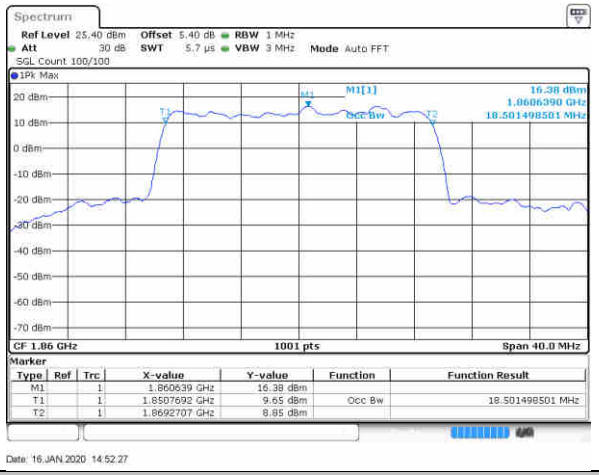


LTE Band 25

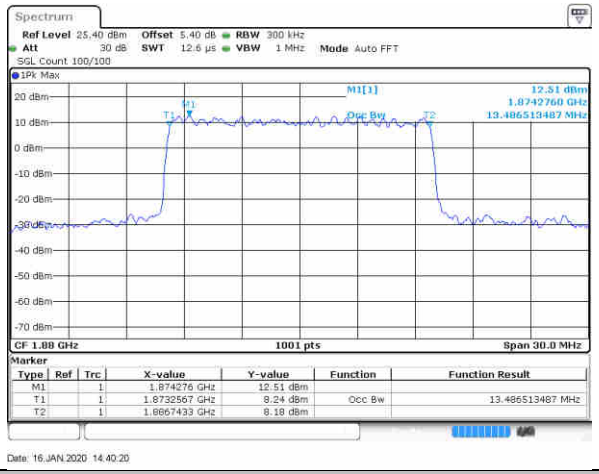
Lowest Channel / 15MHz / 64QAM



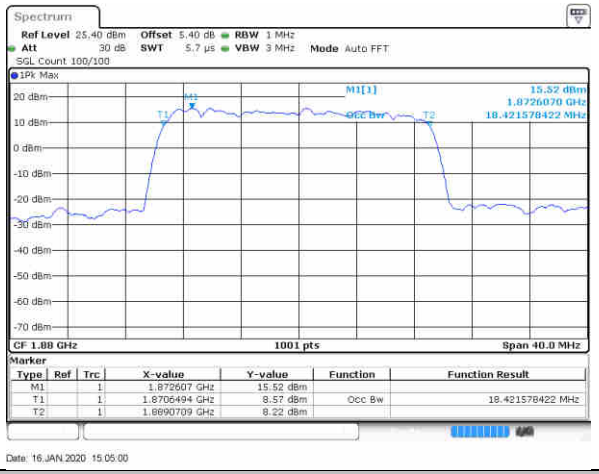
Lowest Channel / 20MHz / 64QAM



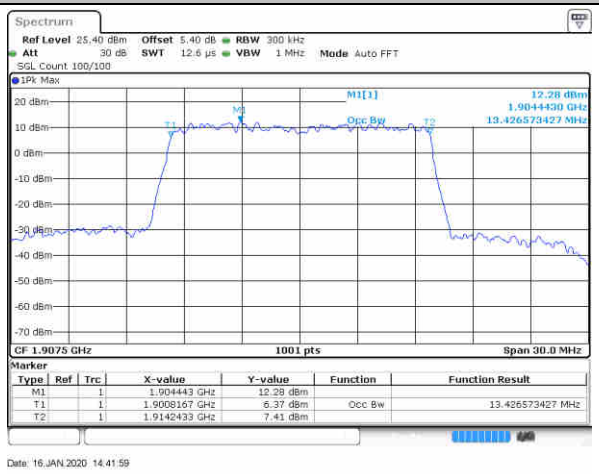
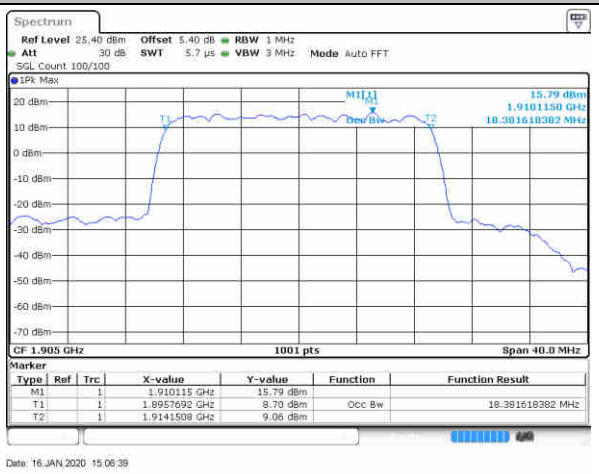
Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM