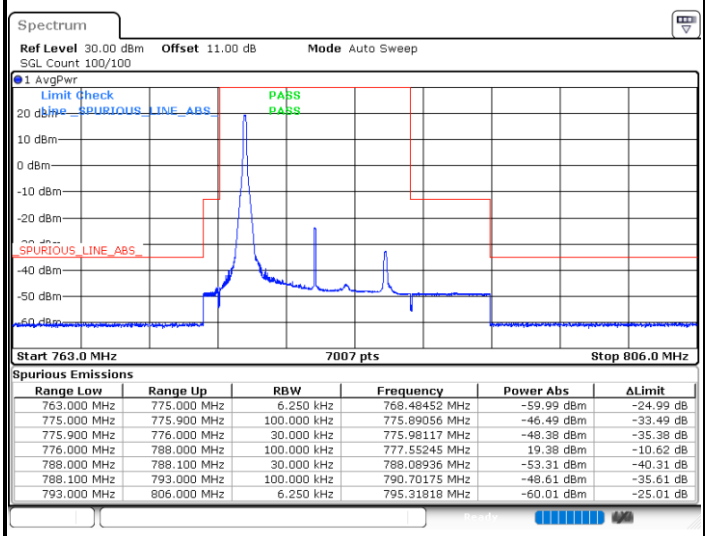
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

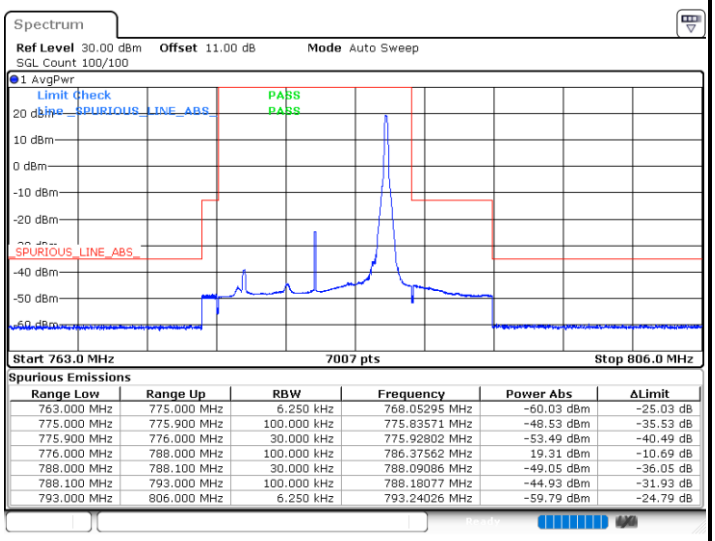


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.48452 MHz	-59.99 dBm	-24.99 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89056 MHz	-46.49 dBm	-33.49 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98117 MHz	-48.38 dBm	-35.38 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.55245 MHz	19.38 dBm	-10.62 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08936 MHz	-53.31 dBm	-40.31 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.70175 MHz	-48.61 dBm	-35.61 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.31818 MHz	-60.01 dBm	-25.01 dB

Date: 29.SEP.2020 22:32:23

Highest Band Edge / 1 RB

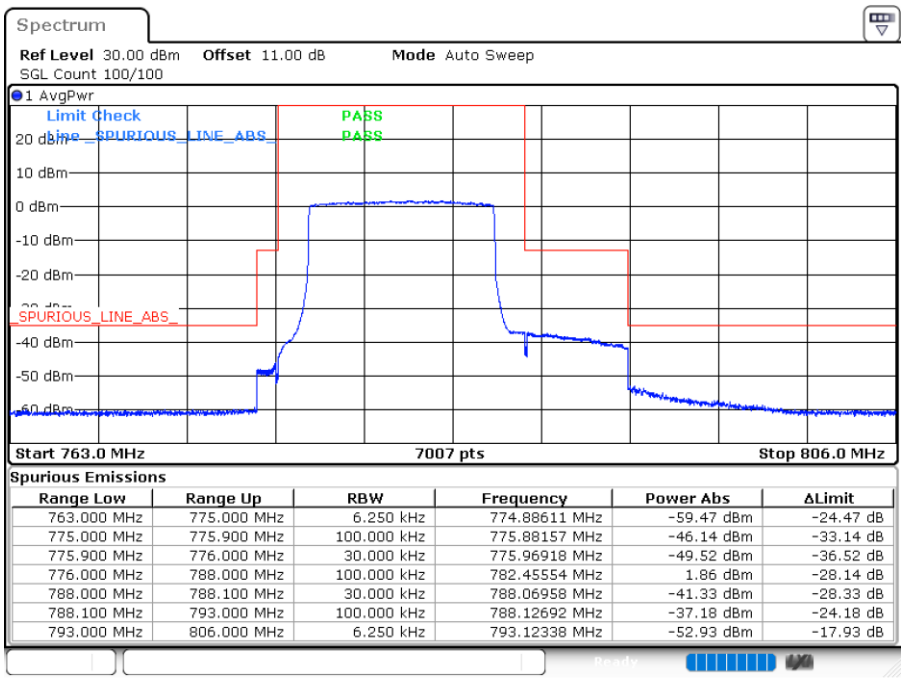


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.05295 MHz	-60.03 dBm	-25.03 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83571 MHz	-48.53 dBm	-35.53 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92802 MHz	-53.49 dBm	-40.49 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	19.31 dBm	-10.69 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09086 MHz	-49.05 dBm	-36.05 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18077 MHz	-44.93 dBm	-31.93 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-59.79 dBm	-24.79 dB

Date: 29.SEP.2020 22:37:21

Band Edge / Full RB



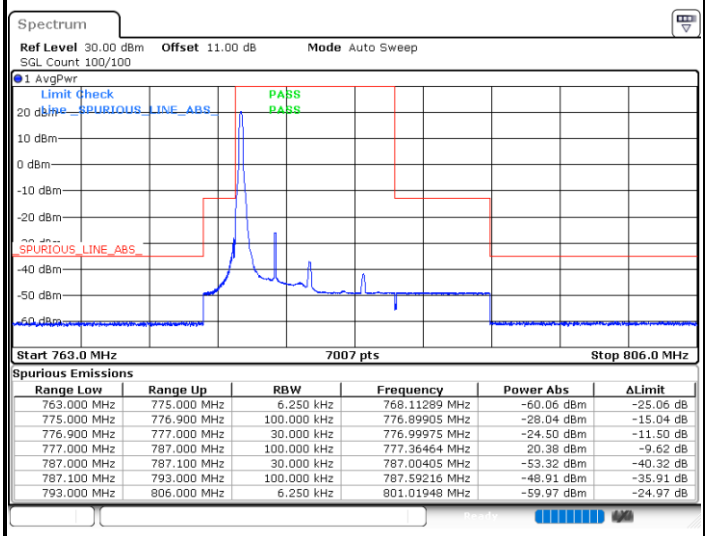
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-59.47 dBm	-24.47 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88157 MHz	-46.14 dBm	-33.14 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96918 MHz	-49.52 dBm	-36.52 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.45554 MHz	1.86 dBm	-28.14 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06958 MHz	-41.33 dBm	-28.33 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12692 MHz	-37.18 dBm	-24.18 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.12338 MHz	-52.93 dBm	-17.93 dB

Date: 29.SEP.2020 22:30:43

IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

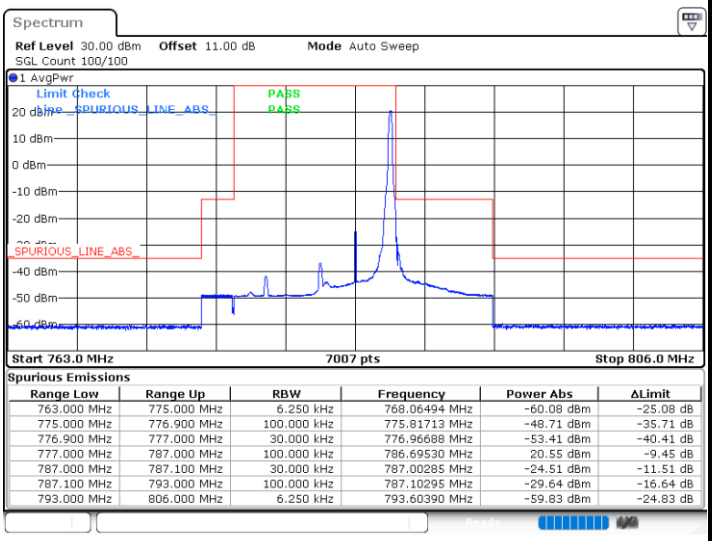


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.11289 MHz	-60.06 dBm	-25.06 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-28.04 dBm	-15.04 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99975 MHz	-24.50 dBm	-11.50 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.36464 MHz	20.38 dBm	-9.62 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00405 MHz	-53.32 dBm	-40.32 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.59216 MHz	-48.91 dBm	-35.91 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.01948 MHz	-59.97 dBm	-24.97 dB

Date: 29.SEP.2020 21:47:11

Highest Band Edge / 1 RB

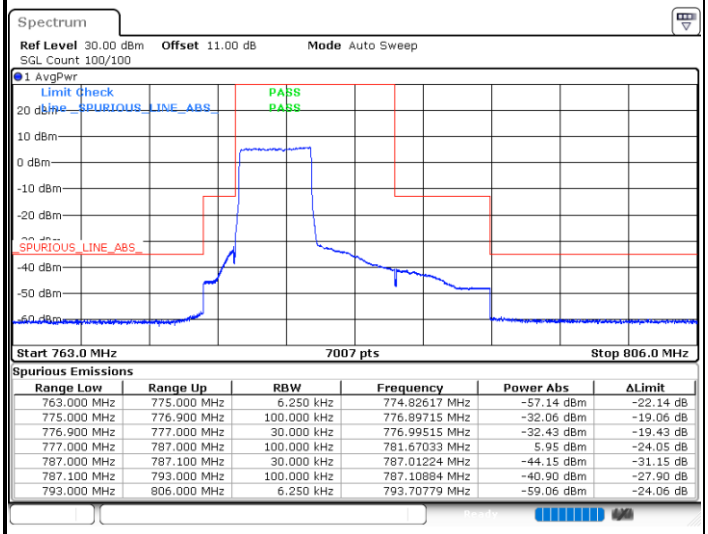


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.06494 MHz	-60.08 dBm	-25.08 dB
775.000 MHz	776.900 MHz	100.000 kHz	775.81713 MHz	-48.71 dBm	-35.71 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.96688 MHz	-53.41 dBm	-40.41 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.69530 MHz	20.55 dBm	-9.45 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00285 MHz	-24.51 dBm	-11.51 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-29.64 dBm	-16.64 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.60390 MHz	-59.83 dBm	-24.83 dB

Date: 29.SEP.2020 21:58:01

Lowest Band Edge / Full RB

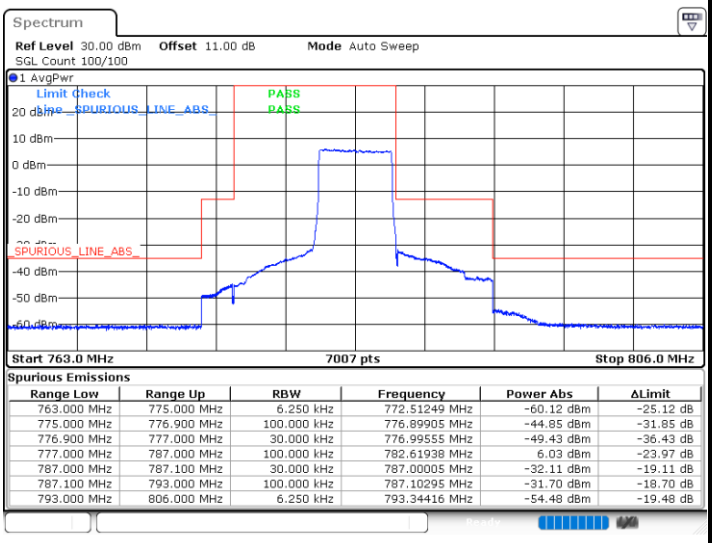


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.82617 MHz	-57.14 dBm	-22.14 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89715 MHz	-32.06 dBm	-19.06 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99515 MHz	-32.43 dBm	-19.43 dB
777.000 MHz	787.000 MHz	100.000 kHz	781.67033 MHz	5.95 dBm	-24.05 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01224 MHz	-44.15 dBm	-31.15 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10884 MHz	-40.90 dBm	-27.90 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.70779 MHz	-59.06 dBm	-24.06 dB

Date: 29.SEP.2020 21:42:11

Highest Band Edge / Full RB



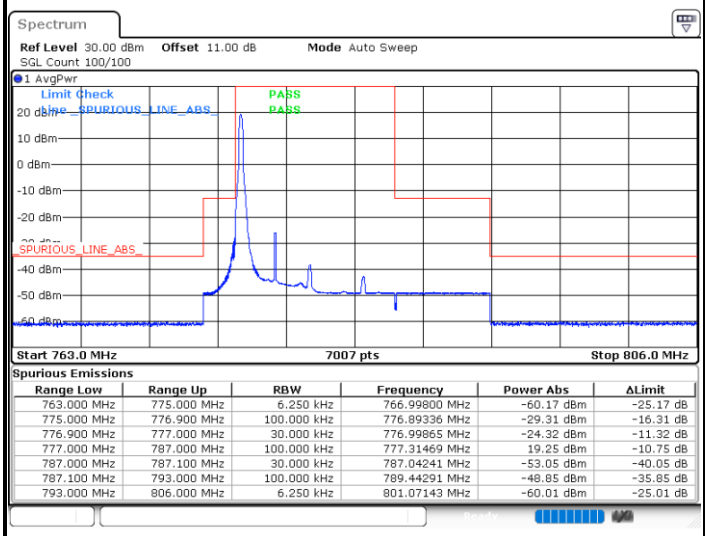
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.51249 MHz	-60.12 dBm	-25.12 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-44.85 dBm	-31.85 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99555 MHz	-49.43 dBm	-36.43 dB
777.000 MHz	787.000 MHz	100.000 kHz	782.61938 MHz	6.03 dBm	-23.97 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00005 MHz	-32.11 dBm	-19.11 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-31.70 dBm	-18.70 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.34416 MHz	-54.48 dBm	-19.48 dB

Date: 29.SEP.2020 21:53:01

IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

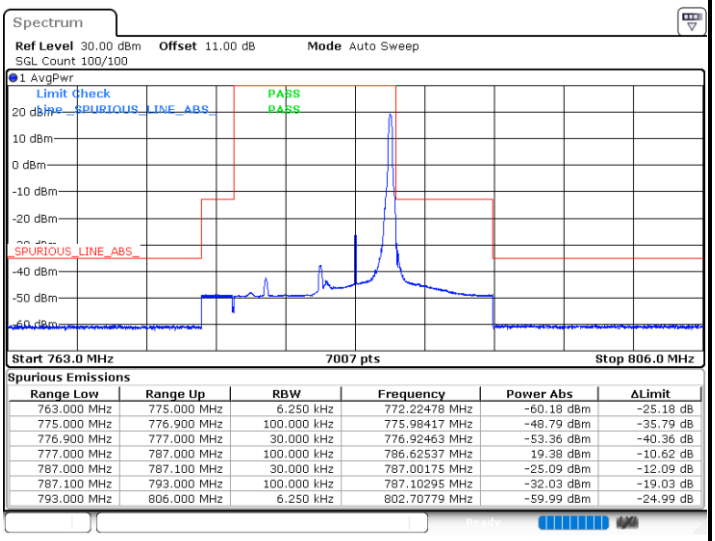


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.99800 MHz	-60.17 dBm	-25.17 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89336 MHz	-29.31 dBm	-16.31 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99865 MHz	-24.32 dBm	-11.32 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.31469 MHz	19.25 dBm	-10.75 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.04241 MHz	-53.05 dBm	-40.05 dB
787.100 MHz	793.000 MHz	100.000 kHz	789.44291 MHz	-48.85 dBm	-35.85 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.07143 MHz	-60.01 dBm	-25.01 dB

Date: 29.SEP.2020 21:45:31

Highest Band Edge / 1 RB

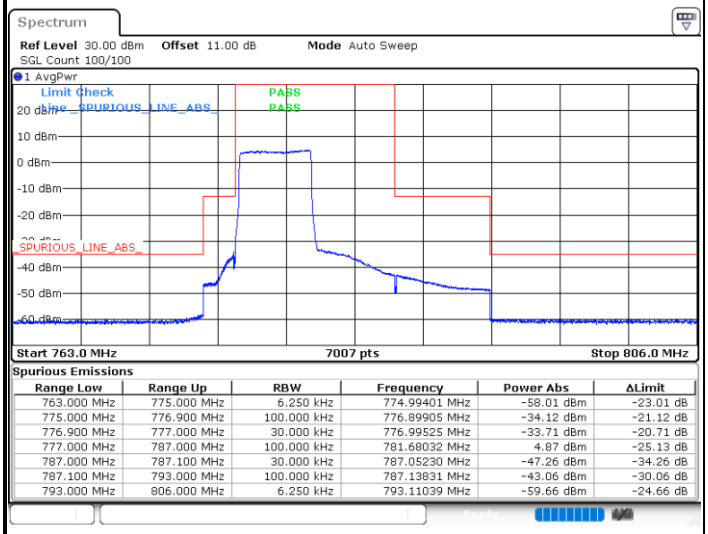


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.22478 MHz	-60.18 dBm	-25.18 dB
775.000 MHz	776.900 MHz	100.000 kHz	775.98417 MHz	-48.79 dBm	-35.79 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.92463 MHz	-53.36 dBm	-40.36 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.62537 MHz	19.38 dBm	-10.62 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00175 MHz	-25.09 dBm	-12.09 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-32.03 dBm	-19.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.70779 MHz	-59.99 dBm	-24.99 dB

Date: 29.SEP.2020 21:56:21

Lowest Band Edge / Full RB

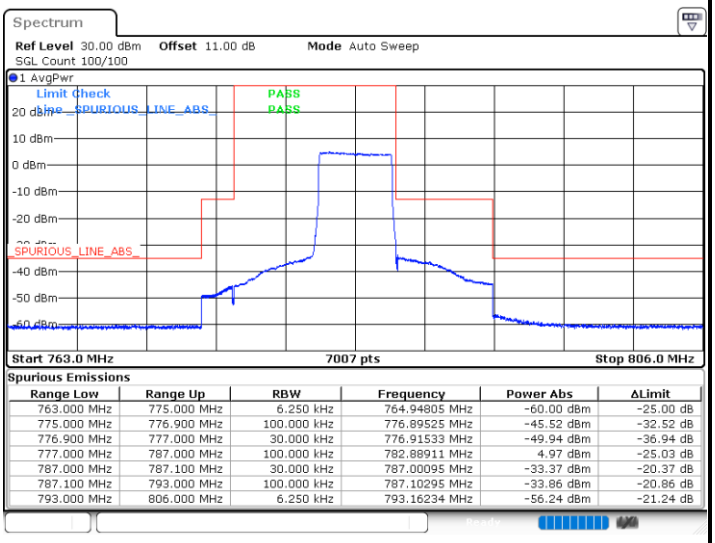


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-58.01 dBm	-23.01 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-34.12 dBm	-21.12 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99525 MHz	-33.71 dBm	-20.71 dB
777.000 MHz	787.000 MHz	100.000 kHz	781.68032 MHz	4.87 dBm	-25.13 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.05230 MHz	-47.26 dBm	-34.26 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.13831 MHz	-43.06 dBm	-30.06 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.11039 MHz	-59.66 dBm	-24.66 dB

Date: 29.SEP.2020 21:43:51

Highest Band Edge / Full RB



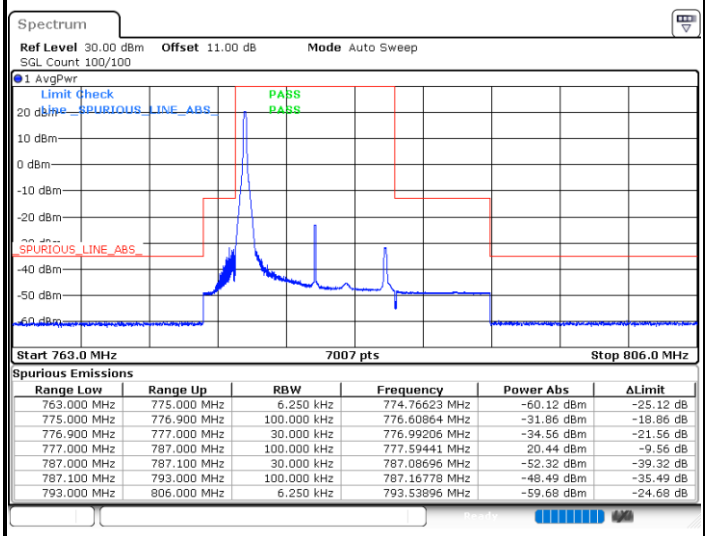
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.94805 MHz	-60.00 dBm	-25.00 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89525 MHz	-45.52 dBm	-32.52 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.91533 MHz	-49.94 dBm	-36.94 dB
777.000 MHz	787.000 MHz	100.000 kHz	782.88911 MHz	4.97 dBm	-25.03 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00095 MHz	-33.37 dBm	-20.37 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-33.86 dBm	-20.86 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.16234 MHz	-56.24 dBm	-21.24 dB

Date: 29.SEP.2020 21:54:41

IC LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

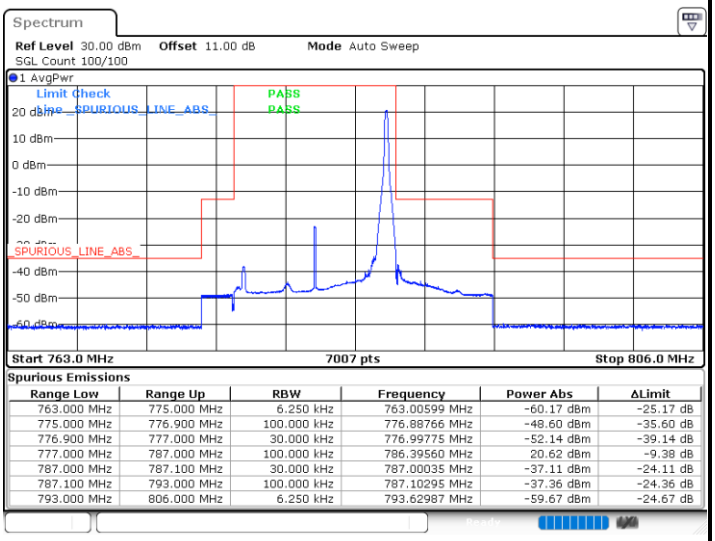


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.76623 MHz	-60.12 dBm	-25.12 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.60864 MHz	-31.86 dBm	-18.86 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99206 MHz	-34.56 dBm	-21.56 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.59441 MHz	20.44 dBm	-9.56 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.08696 MHz	-52.32 dBm	-39.32 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.16778 MHz	-48.49 dBm	-35.49 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.53896 MHz	-59.68 dBm	-24.68 dB

Date: 29.SEP.2020 22:06:45

Highest Band Edge / 1 RB

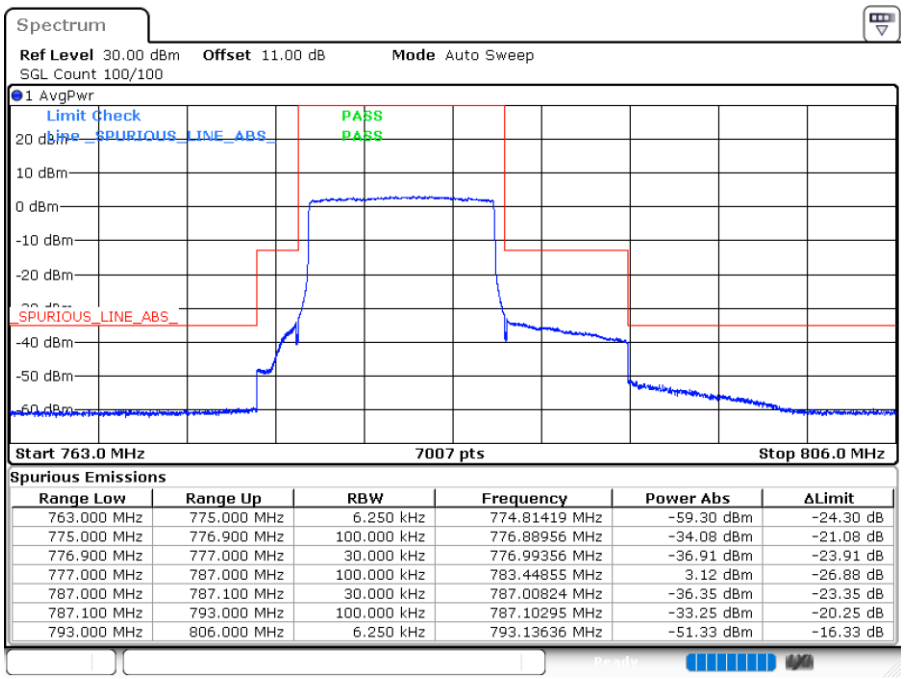


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.00599 MHz	-60.17 dBm	-25.17 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88766 MHz	-48.60 dBm	-35.60 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99775 MHz	-52.14 dBm	-39.14 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.39560 MHz	20.62 dBm	-9.38 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00035 MHz	-37.11 dBm	-24.11 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-37.36 dBm	-24.36 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.62987 MHz	-59.67 dBm	-24.67 dB

Date: 29.SEP.2020 22:08:24

Band Edge / Full RB



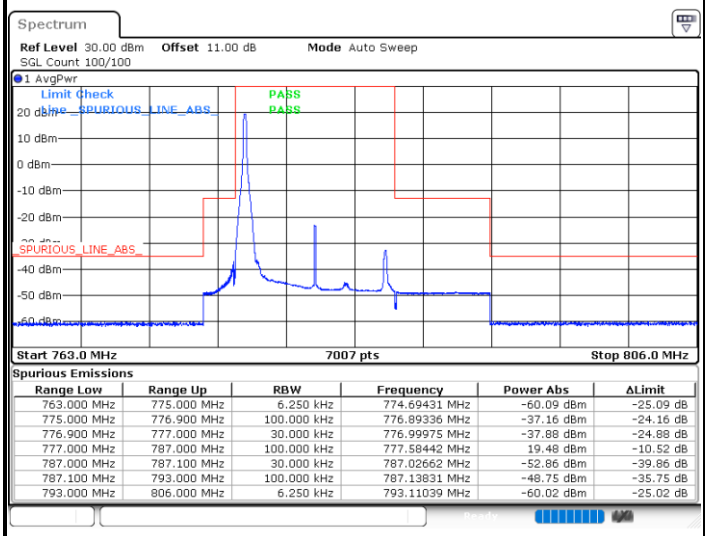
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.81419 MHz	-59.30 dBm	-24.30 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88956 MHz	-34.08 dBm	-21.08 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99356 MHz	-36.91 dBm	-23.91 dB
777.000 MHz	787.000 MHz	100.000 kHz	783.44855 MHz	3.12 dBm	-26.88 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00824 MHz	-36.35 dBm	-23.35 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-33.25 dBm	-20.25 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.13636 MHz	-51.33 dBm	-16.33 dB

Date: 29.SEP.2020 22:01:46

IC LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

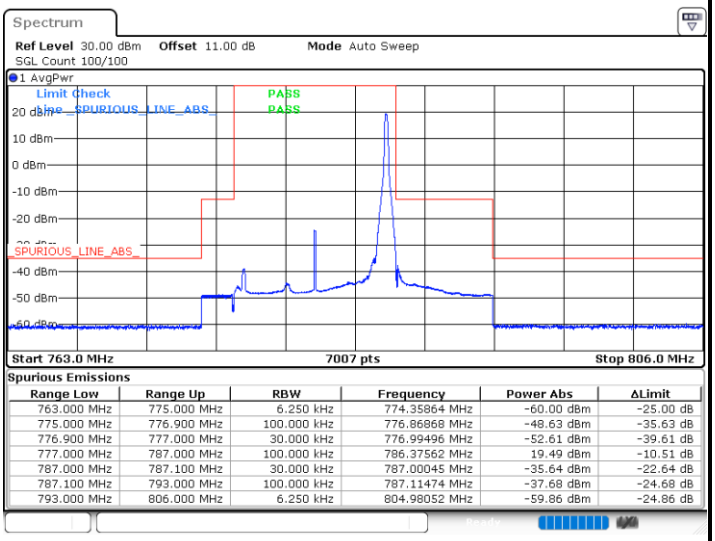


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.69431 MHz	-60.09 dBm	-25.09 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89336 MHz	-37.16 dBm	-24.16 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99975 MHz	-37.88 dBm	-24.88 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.58442 MHz	19.48 dBm	-10.52 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.02662 MHz	-52.86 dBm	-39.86 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.13831 MHz	-48.75 dBm	-35.75 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.11039 MHz	-60.02 dBm	-25.02 dB

Date: 29.SEP.2020 22:05:05

Highest Band Edge / 1 RB

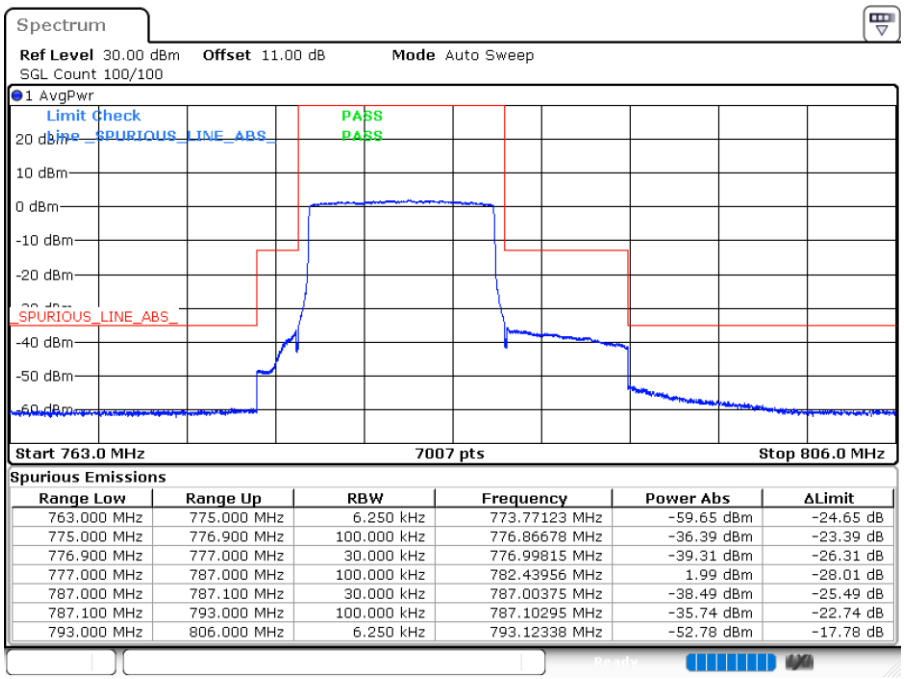


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.35864 MHz	-60.00 dBm	-25.00 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.86868 MHz	-48.63 dBm	-35.63 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99496 MHz	-52.61 dBm	-39.61 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.37562 MHz	19.49 dBm	-10.51 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00045 MHz	-35.64 dBm	-22.64 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.11474 MHz	-37.68 dBm	-24.68 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.98052 MHz	-59.86 dBm	-24.86 dB

Date: 29.SEP.2020 22:10:03

Band Edge / Full RB



Spurious Emissions

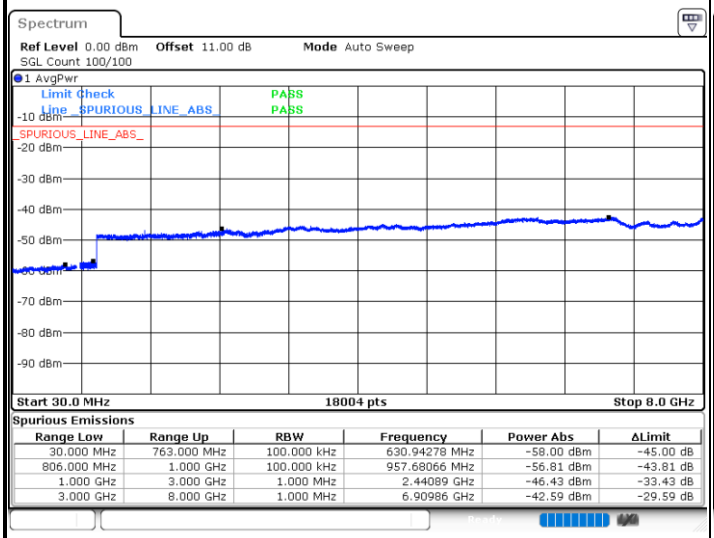
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.77123 MHz	-59.65 dBm	-24.65 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.86678 MHz	-36.39 dBm	-23.39 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99815 MHz	-39.31 dBm	-26.31 dB
777.000 MHz	787.000 MHz	100.000 kHz	782.43956 MHz	1.99 dBm	-28.01 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00375 MHz	-38.49 dBm	-25.49 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-35.74 dBm	-22.74 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.12338 MHz	-52.78 dBm	-17.78 dB

Date: 29.SEP.2020 22:03:26

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

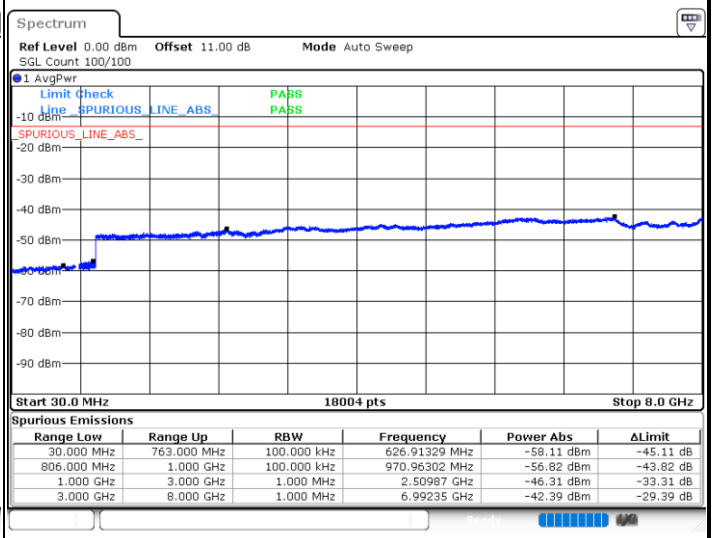


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	630.94278 MHz	-58.00 dBm	-45.00 dB
806.000 MHz	1.000 GHz	100.000 kHz	957.68066 MHz	-56.81 dBm	-43.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.44089 GHz	-46.43 dBm	-33.43 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.90986 GHz	-42.59 dBm	-29.59 dB

Date: 29.SEP.2020 21:47:52

Lowest Channel / 16QAM

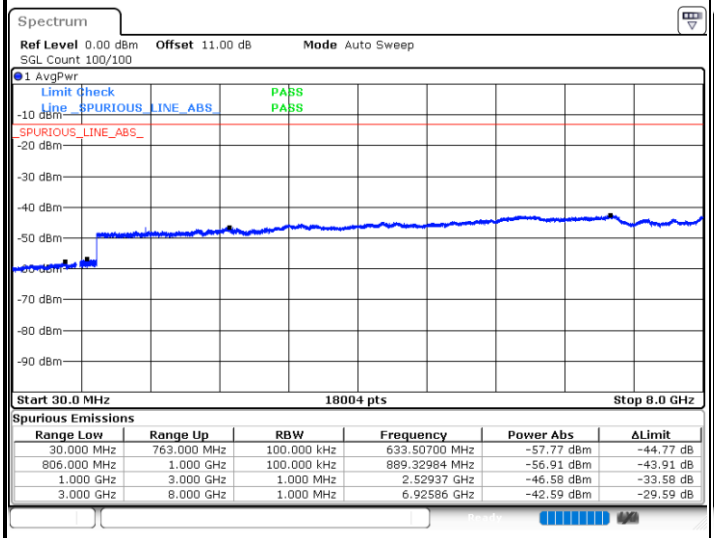


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	626.91329 MHz	-58.11 dBm	-45.11 dB
806.000 MHz	1.000 GHz	100.000 kHz	970.96302 MHz	-56.82 dBm	-43.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50987 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99235 GHz	-42.39 dBm	-29.39 dB

Date: 29.SEP.2020 21:48:31

Middle Channel / QPSK

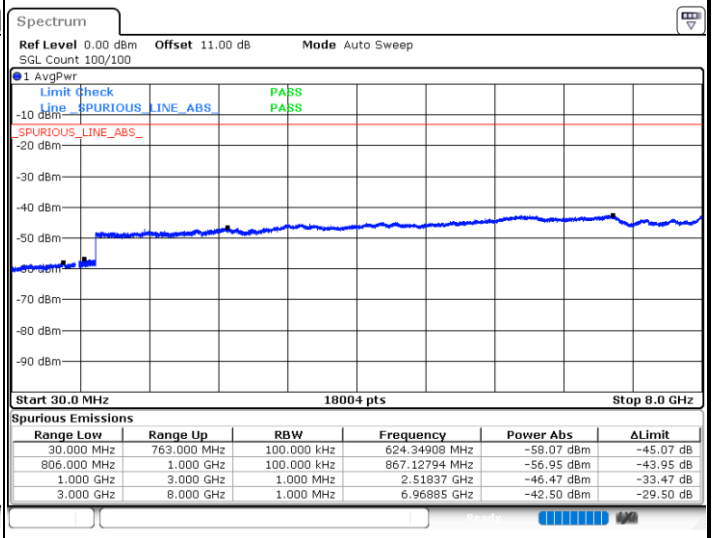


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	633.50700 MHz	-57.77 dBm	-44.77 dB
806.000 MHz	1.000 GHz	100.000 kHz	889.32984 MHz	-56.91 dBm	-43.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52937 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92586 GHz	-42.59 dBm	-29.59 dB

Date: 29.SEP.2020 21:49:50

Middle Channel / 16QAM



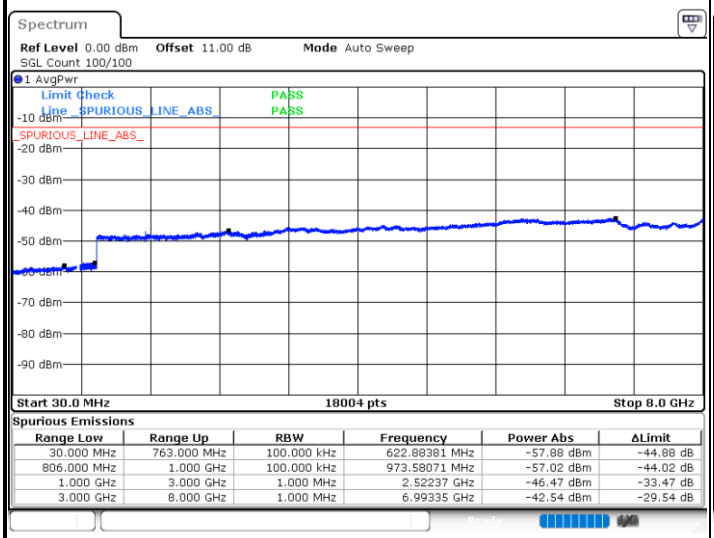
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	624.34908 MHz	-58.07 dBm	-45.07 dB
806.000 MHz	1.000 GHz	100.000 kHz	867.12794 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51837 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.96885 GHz	-42.50 dBm	-29.50 dB

Date: 29.SEP.2020 21:49:11

LTE Band 13 / 5MHz

Highest Channel / QPSK

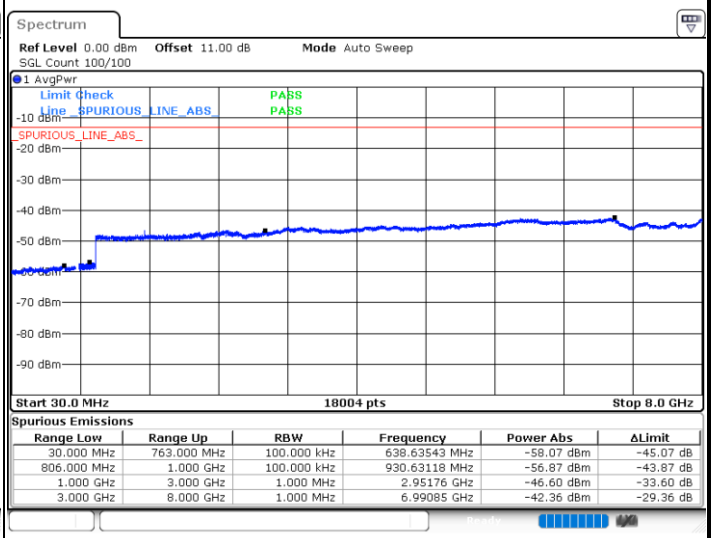


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	622.88381 MHz	-57.88 dBm	-44.88 dB
806.000 MHz	1.000 GHz	100.000 kHz	973.58071 MHz	-57.02 dBm	-44.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52237 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99335 GHz	-42.54 dBm	-29.54 dB

Date: 29.SEP.2020 21:58:42

Highest Channel / 16QAM



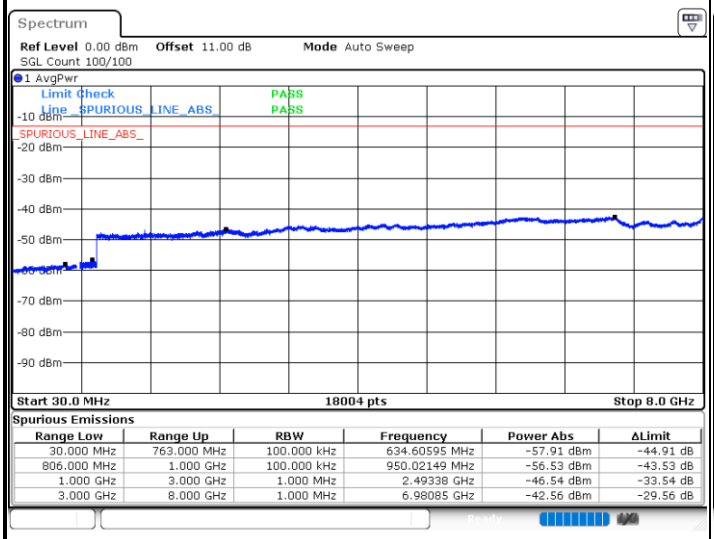
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	638.63543 MHz	-58.07 dBm	-45.07 dB
806.000 MHz	1.000 GHz	100.000 kHz	930.63118 MHz	-56.87 dBm	-43.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95176 GHz	-46.60 dBm	-33.60 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99085 GHz	-42.36 dBm	-29.36 dB

Date: 29.SEP.2020 21:59:21

LTE Band 13 / 10MHz

Middle Channel / QPSK

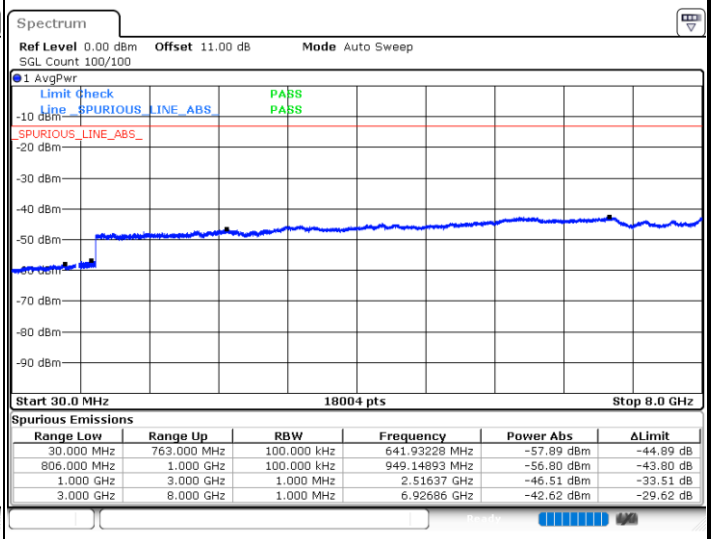


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	634.60595 MHz	-57.91 dBm	-44.91 dB
806.000 MHz	1.000 GHz	100.000 kHz	950.02149 MHz	-56.53 dBm	-43.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49338 GHz	-46.54 dBm	-33.54 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.98085 GHz	-42.56 dBm	-29.56 dB

Date: 29.SEP.2020 22:11:22

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	641.93228 MHz	-57.89 dBm	-44.89 dB
806.000 MHz	1.000 GHz	100.000 kHz	949.14893 MHz	-56.80 dBm	-43.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51637 GHz	-46.51 dBm	-33.51 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92686 GHz	-42.62 dBm	-29.62 dB

Date: 29.SEP.2020 22:10:43

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	0.0124	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0129	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0124	
0	Normal Voltage	0.0148	
-10	Normal Voltage	0.0097	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0134	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0059	

Note:

1. Normal Voltage =7.2 V.；Battery End Point (BEP) =7.0 V.；Maximum Voltage =8.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

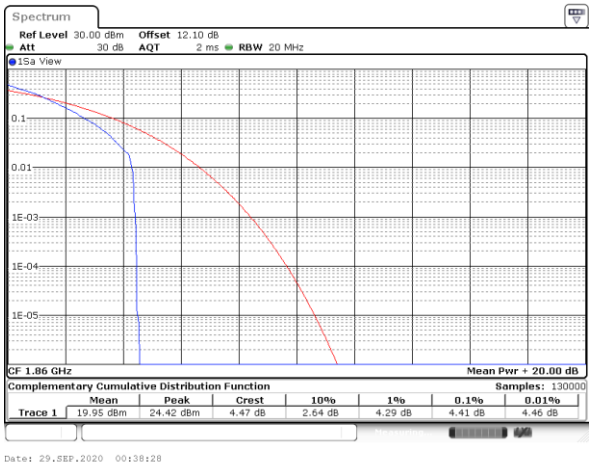
LTE Band 25

Peak-to-Average Ratio

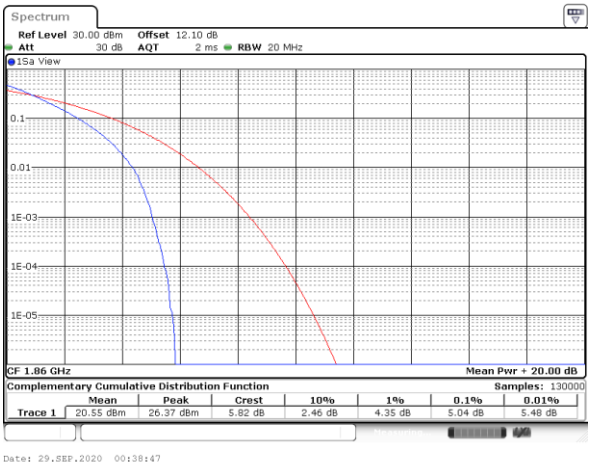
Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.41	5.04	5.07	6.09	PASS
Middle CH	4.55	5.13	5.19	6.06	
Highest CH	4.14	4.87	5.01	5.88	

LTE Band 25 / 20MHz / QPSK

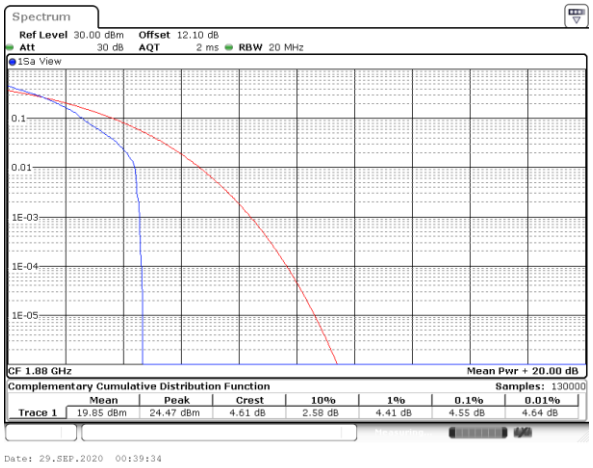
Lowest Channel / 1RB



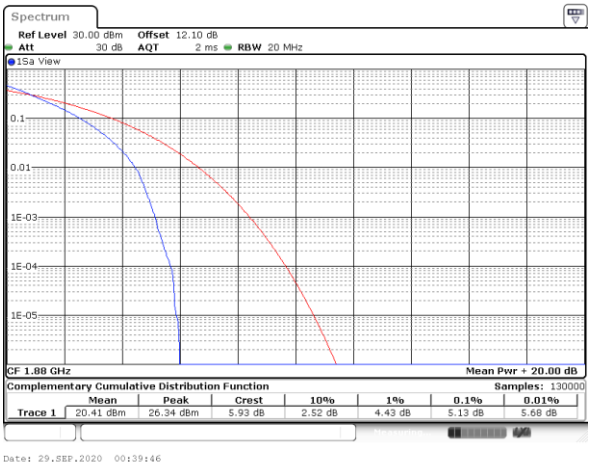
Lowest Channel / Full RB



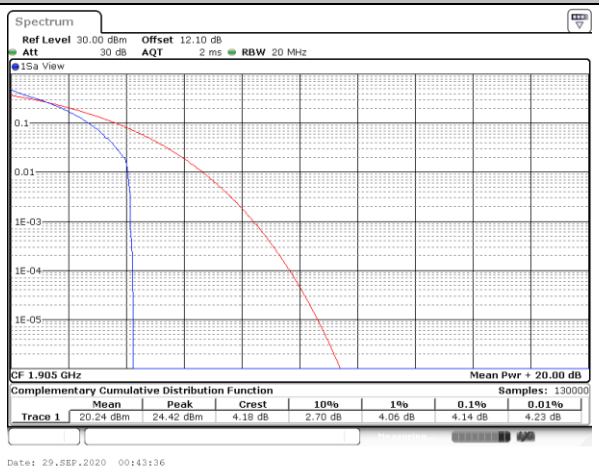
Middle Channel / 1RB



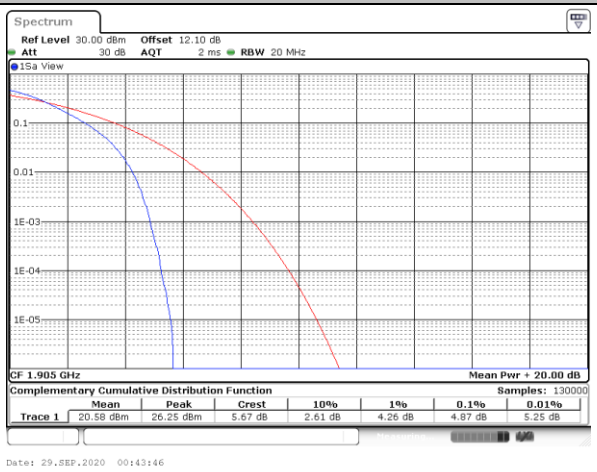
Middle Channel / Full RB



Highest Channel / 1RB

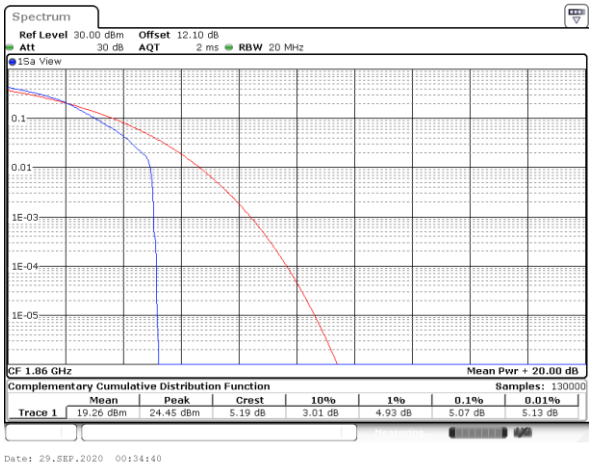


Highest Channel / Full RB

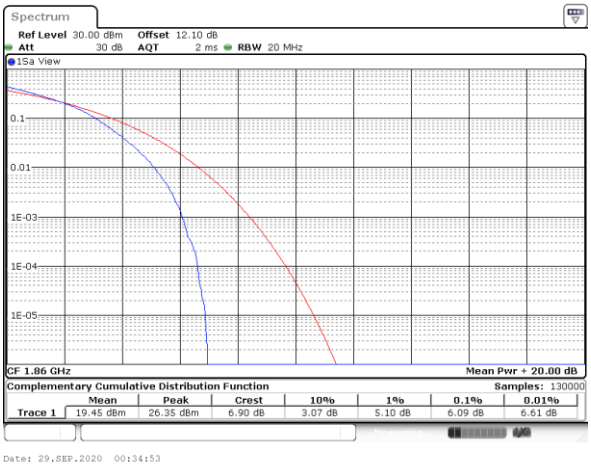


LTE Band 25 / 20MHz / 16QAM

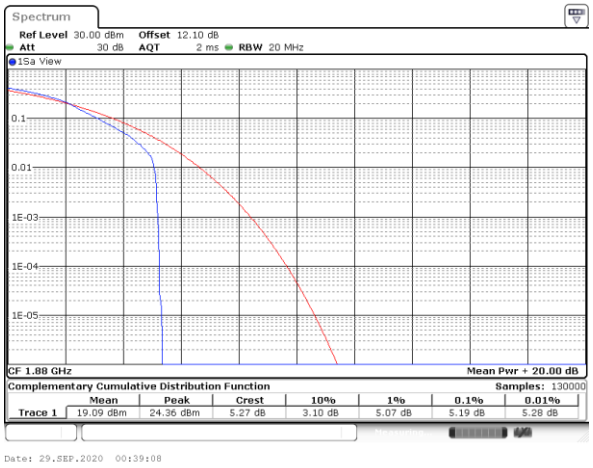
Lowest Channel / 1RB



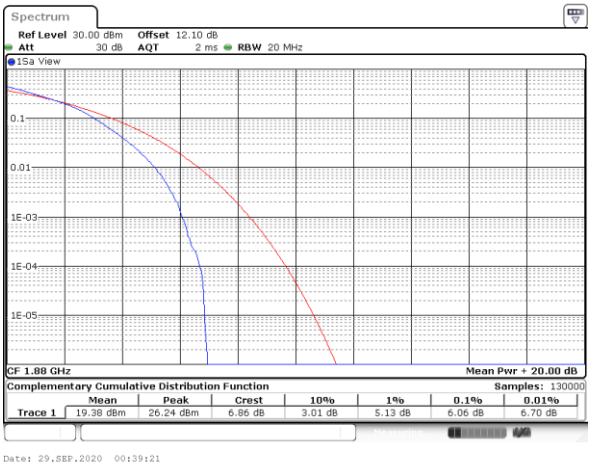
Lowest Channel / Full RB



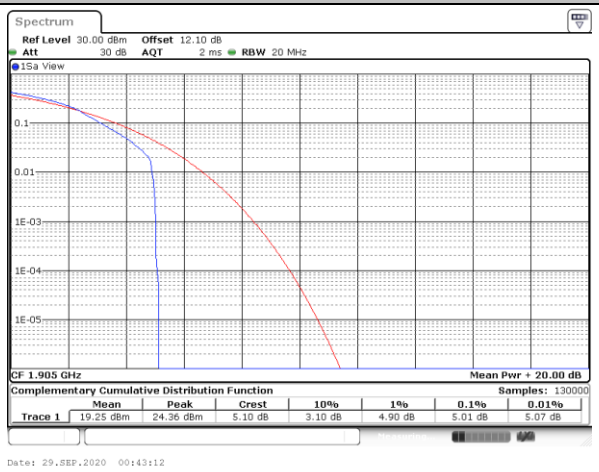
Middle Channel / 1RB



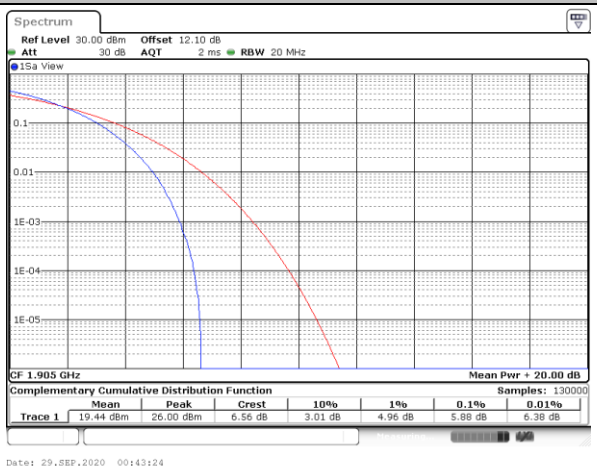
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

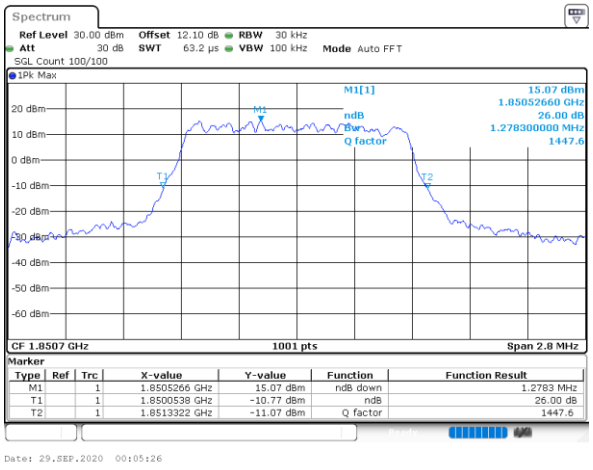


26dB Bandwidth

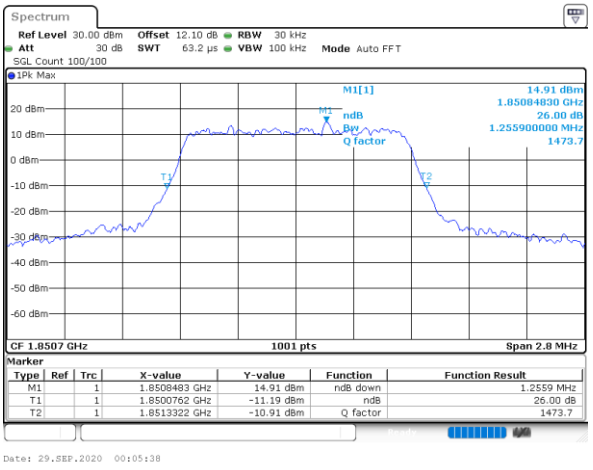
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.26	3.00	3.02	4.95	4.89	9.81	9.87	14.39	14.21	19.22	19.06
Middle CH	1.27	1.26	3.05	3.03	4.86	5.03	9.71	9.71	14.54	14.30	18.86	18.98
Highest CH	1.28	1.30	3.02	3.02	5.03	4.97	9.87	9.75	14.42	14.36	19.06	18.90

LTE Band 25

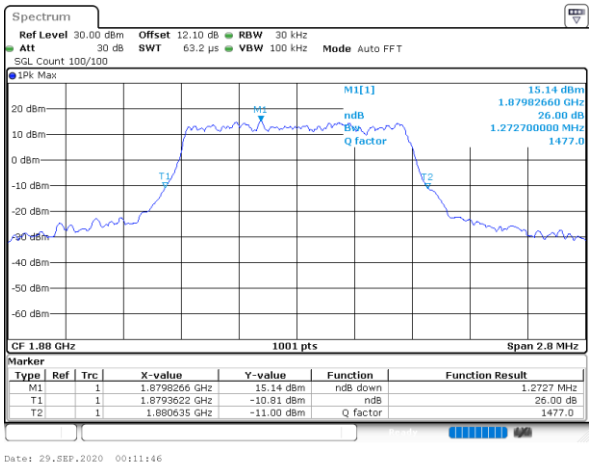
Lowest Channel / 1.4MHz / QPSK



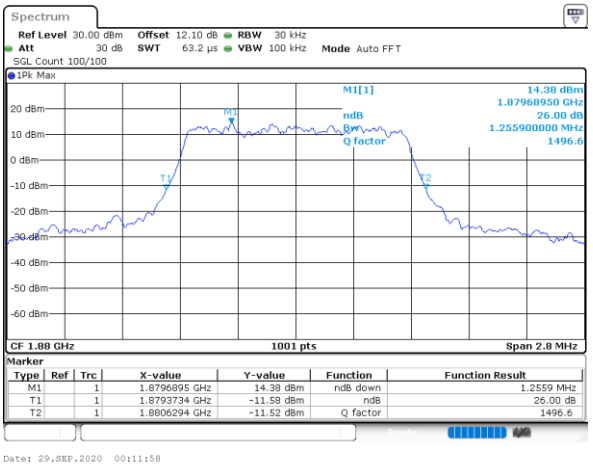
Lowest Channel / 1.4MHz / 16QAM



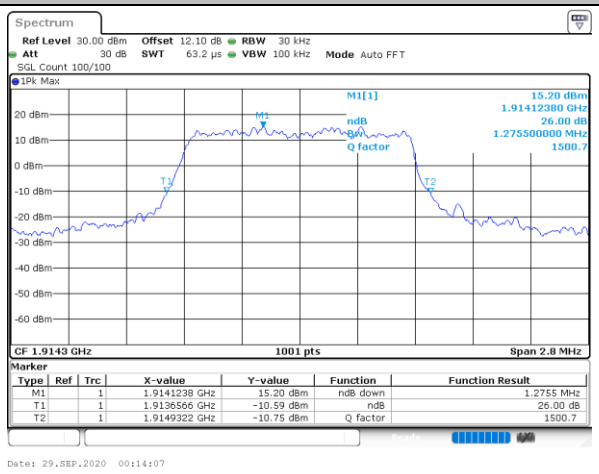
Middle Channel / 1.4MHz / QPSK



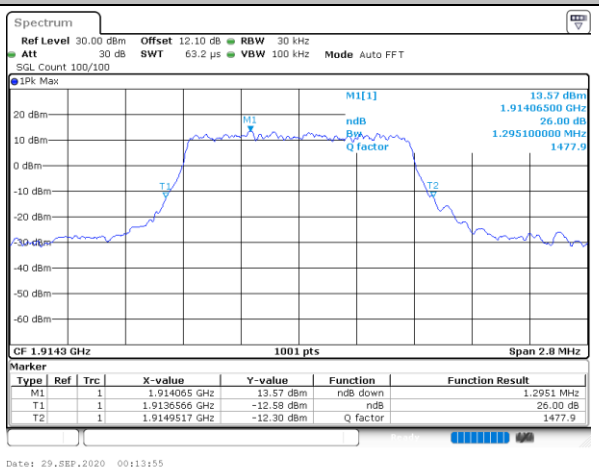
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

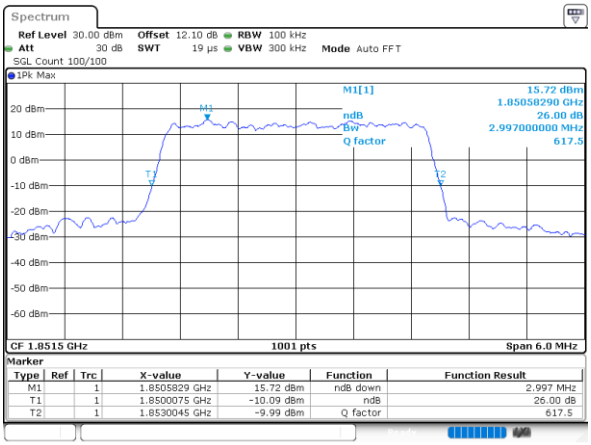


Highest Channel / 1.4MHz / 16QAM

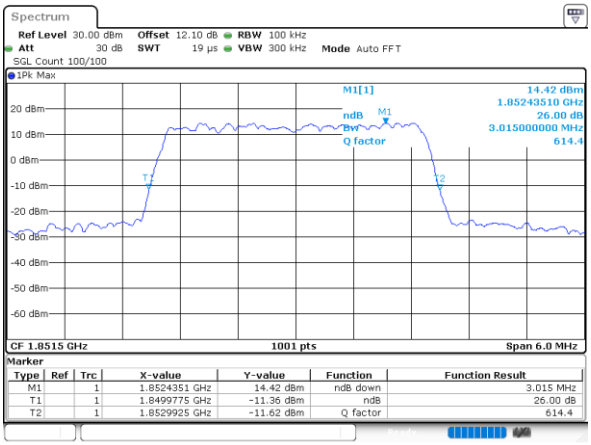


LTE Band 25

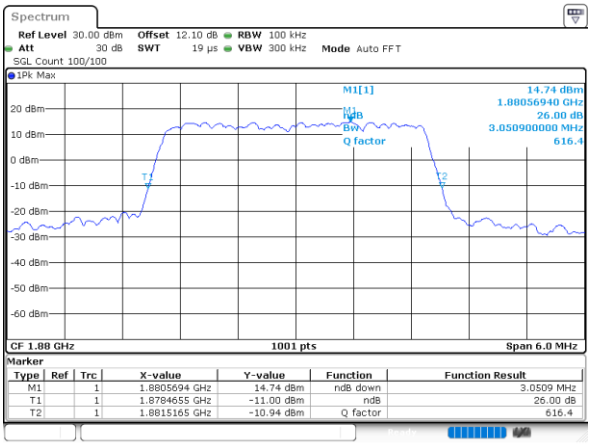
Lowest Channel / 3MHz / QPSK



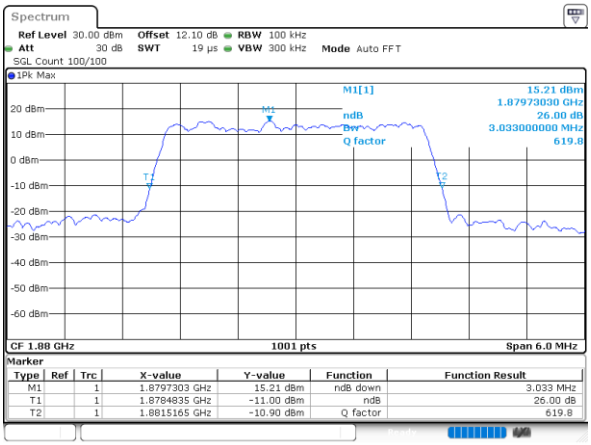
Lowest Channel / 3MHz / 16QAM



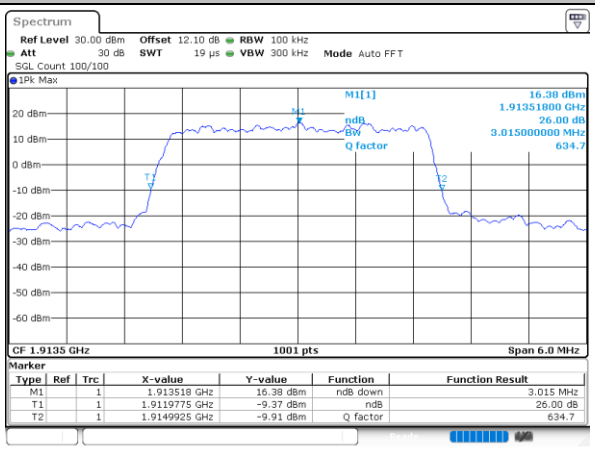
Middle Channel / 3MHz / QPSK



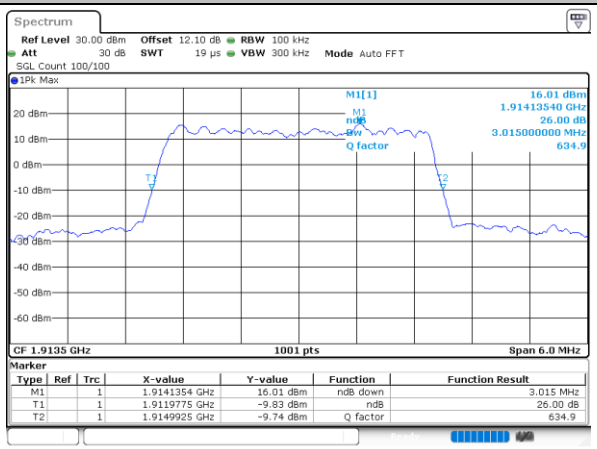
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

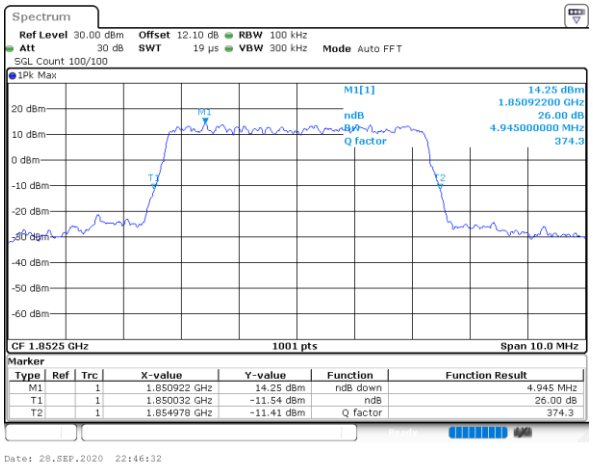


Highest Channel / 3MHz / 16QAM

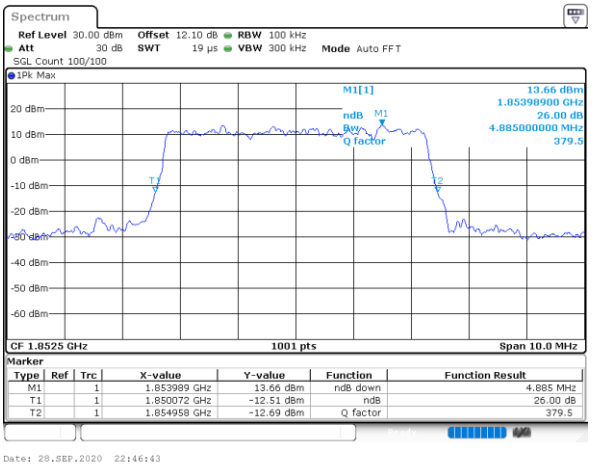


LTE Band 25

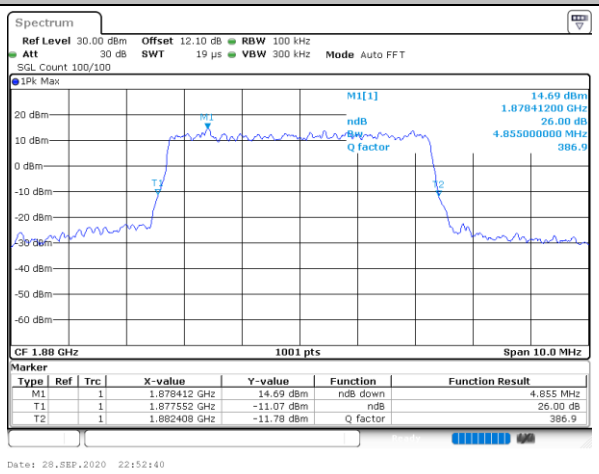
Lowest Channel / 5MHz / QPSK



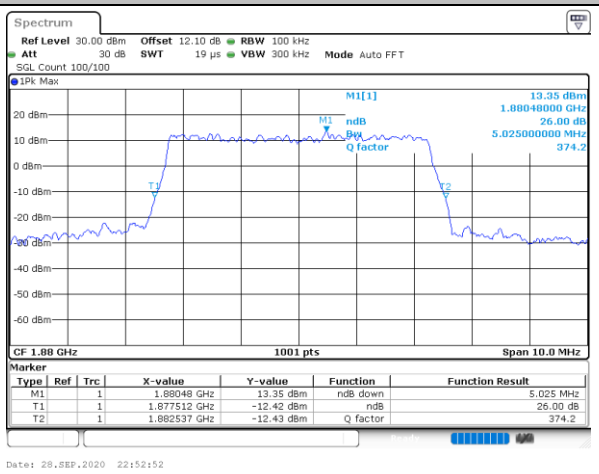
Lowest Channel / 5MHz / 16QAM



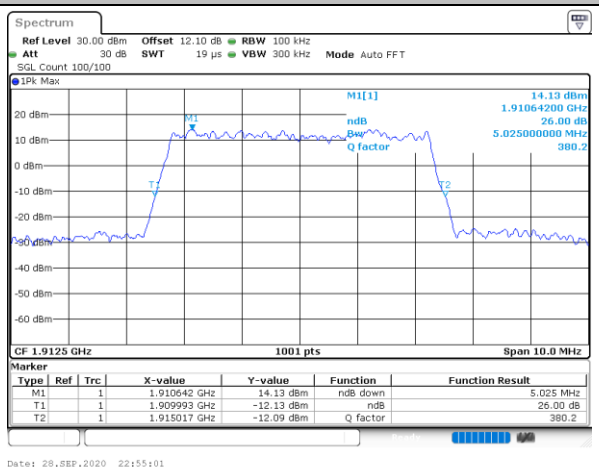
Middle Channel / 5MHz / QPSK



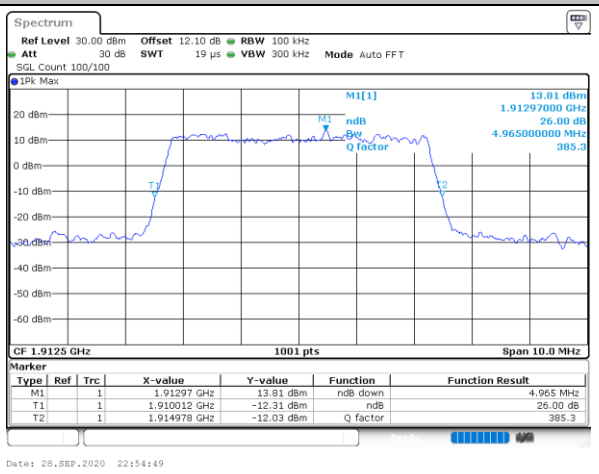
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

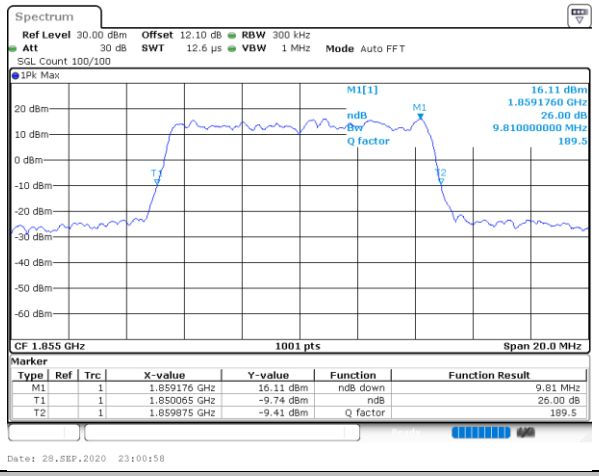


Highest Channel / 5MHz / 16QAM

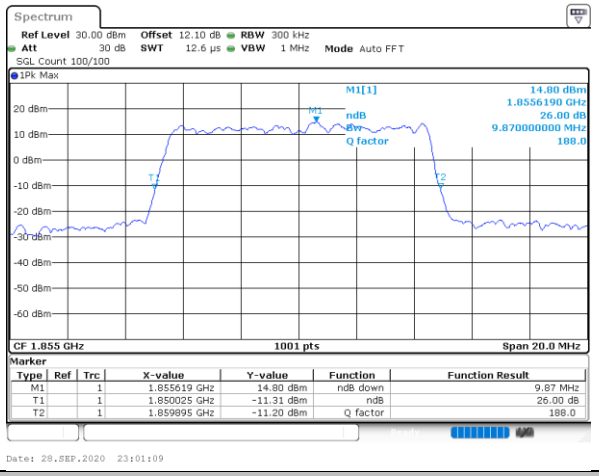


LTE Band 25

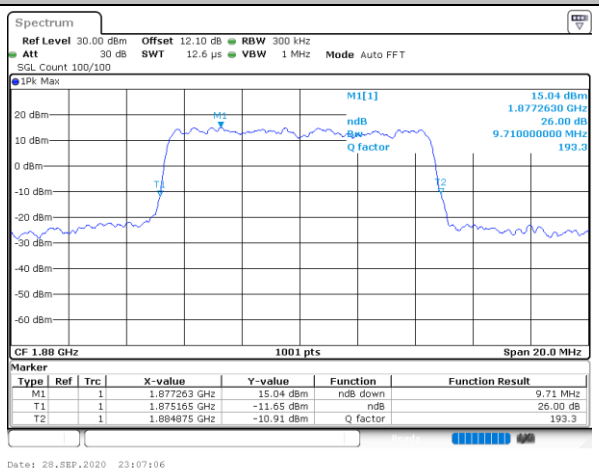
Lowest Channel / 10MHz / QPSK



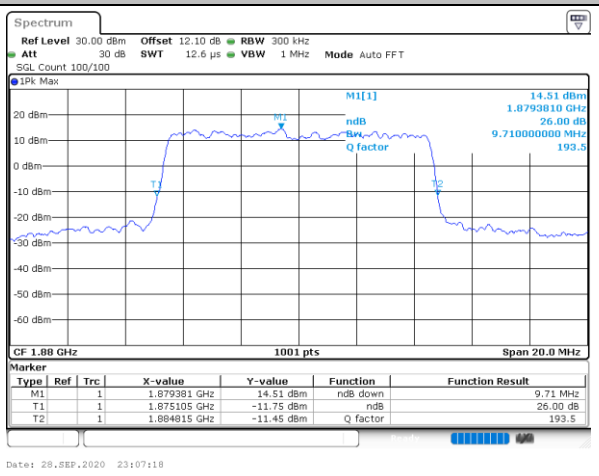
Lowest Channel / 10MHz / 16QAM



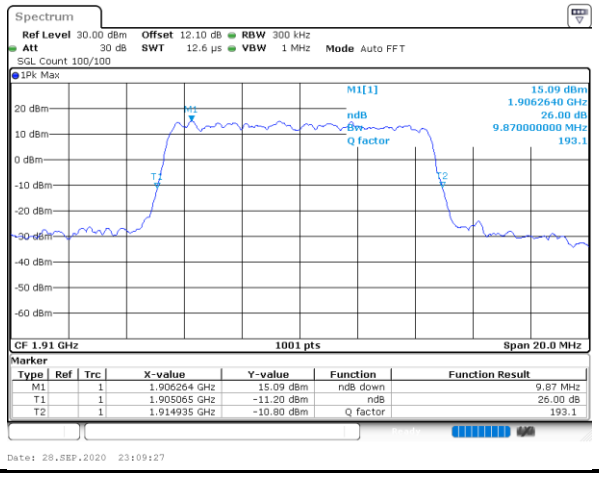
Middle Channel / 10MHz / QPSK



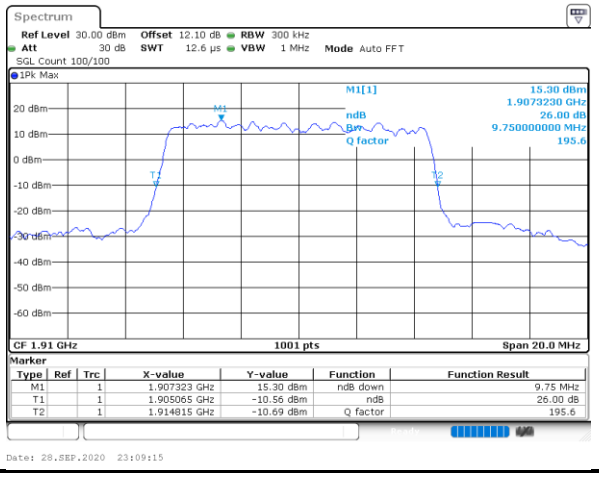
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

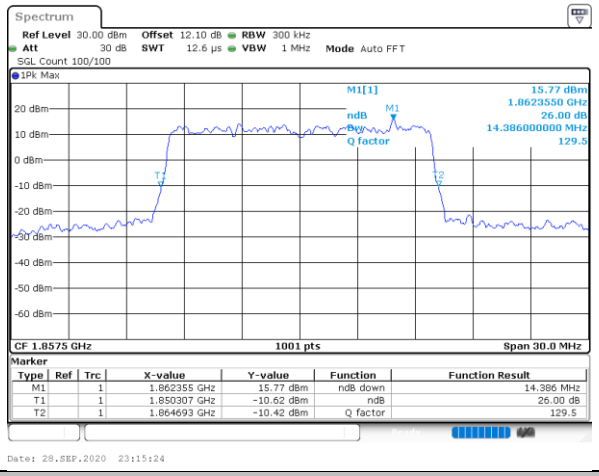


Highest Channel / 10MHz / 16QAM

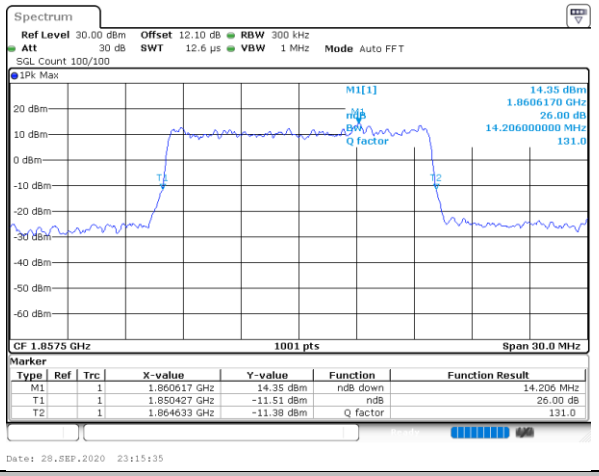


LTE Band 25

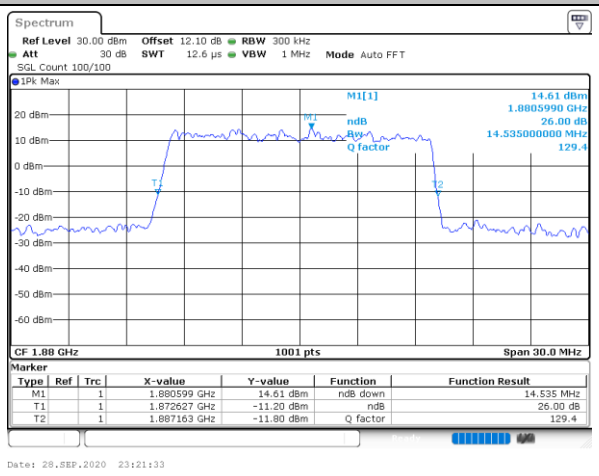
Lowest Channel / 15MHz / QPSK



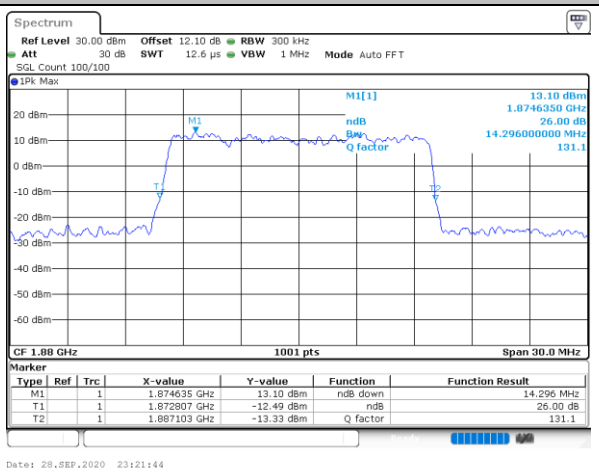
Lowest Channel / 15MHz / 16QAM



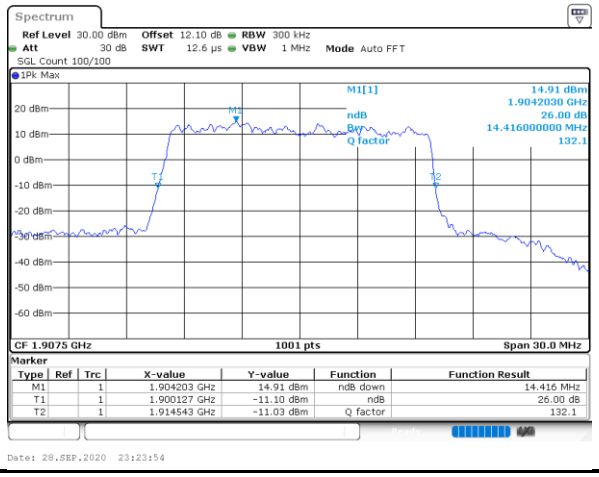
Middle Channel / 15MHz / QPSK



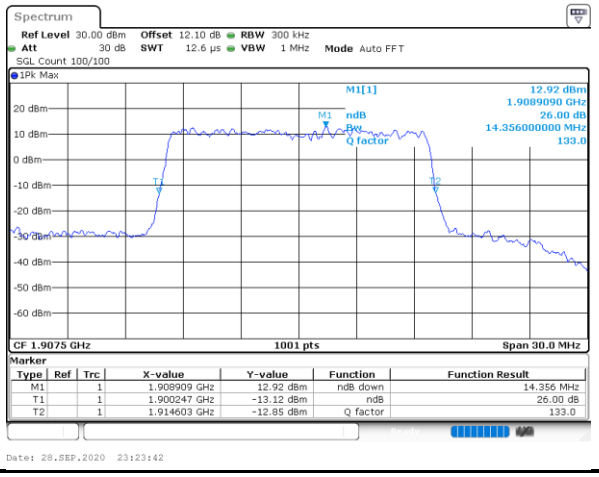
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

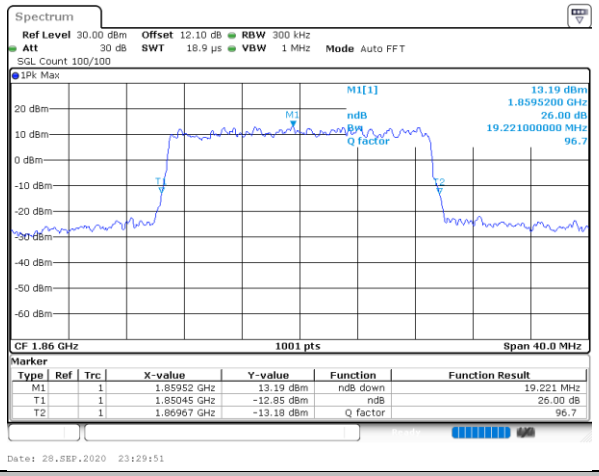


Highest Channel / 15MHz / 16QAM

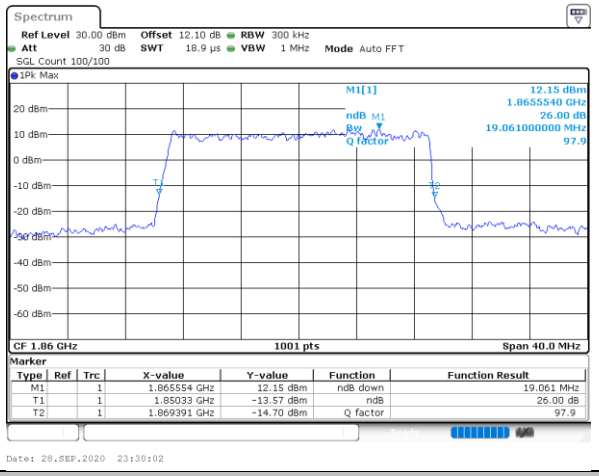


LTE Band 25

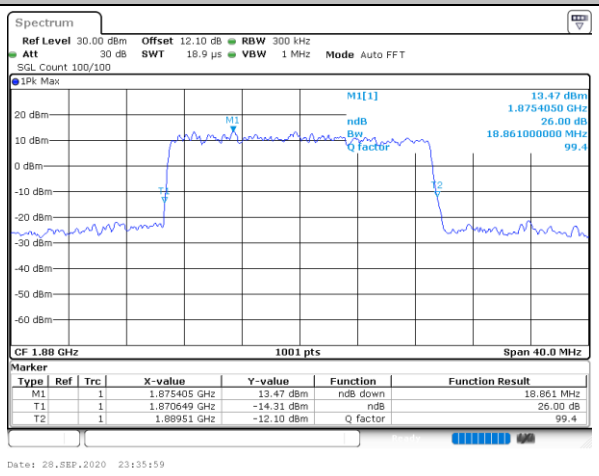
Lowest Channel / 20MHz / QPSK



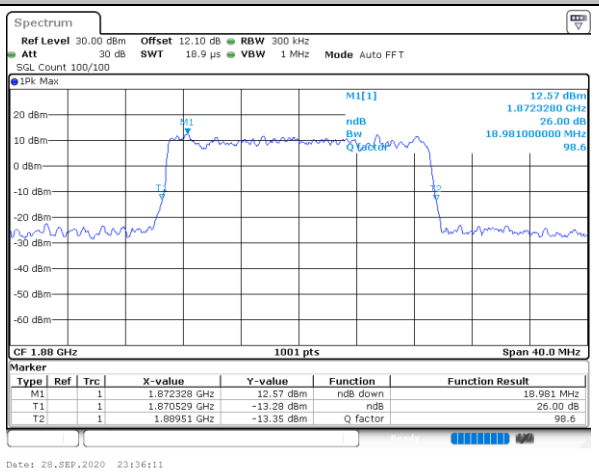
Lowest Channel / 20MHz / 16QAM



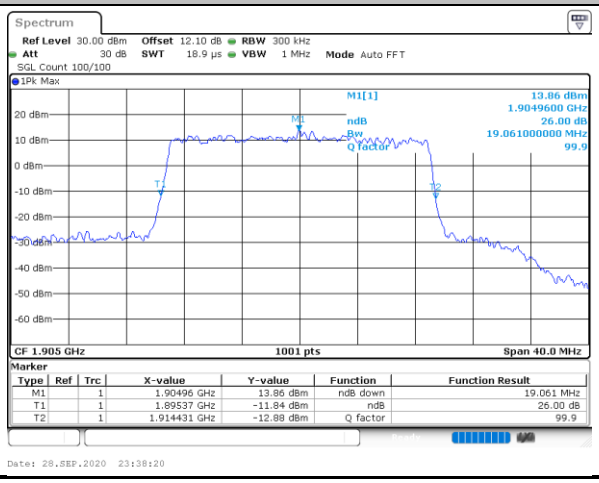
Middle Channel / 20MHz / QPSK



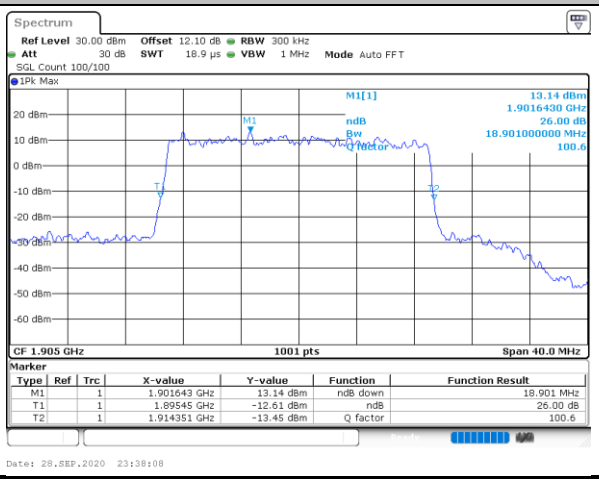
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

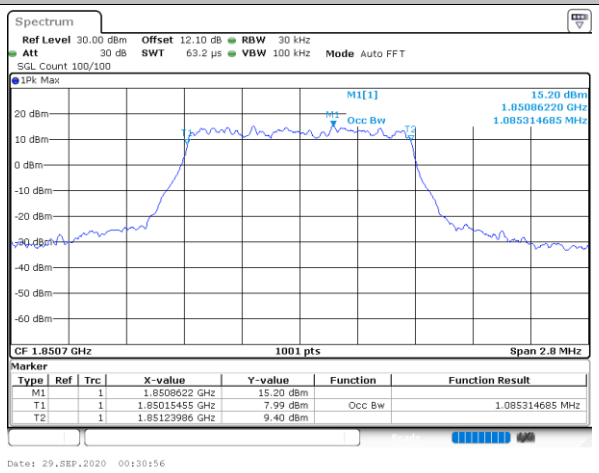


Occupied Bandwidth

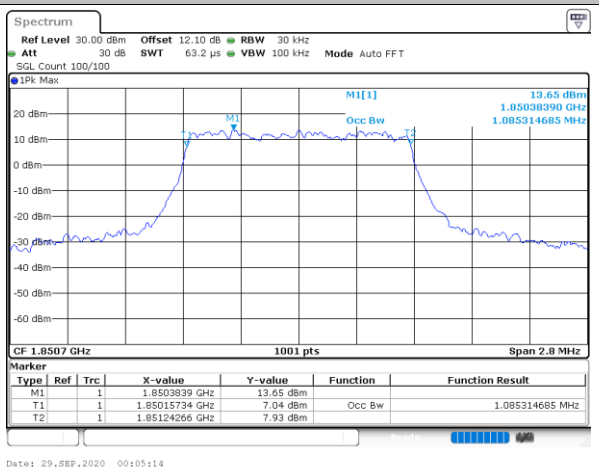
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.73	4.51	4.48	8.99	9.01	13.43	13.43	17.86	17.90
Middle CH	1.09	1.09	2.71	2.72	4.49	4.50	9.01	9.03	13.40	13.52	17.90	17.94
Highest CH	1.09	1.09	2.73	2.70	4.48	4.48	8.99	9.01	13.43	13.46	17.82	17.86

LTE Band 25

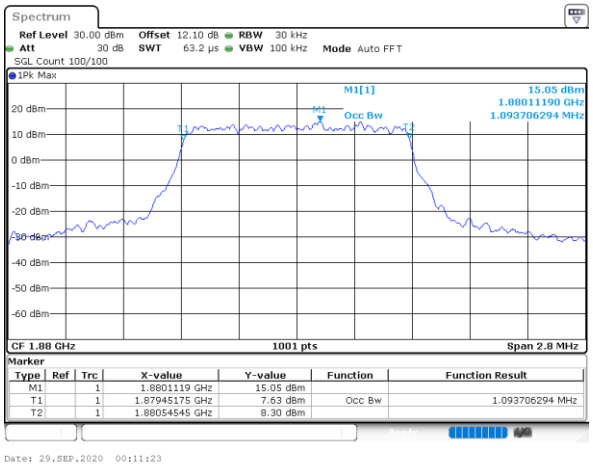
Lowest Channel / 1.4MHz / QPSK



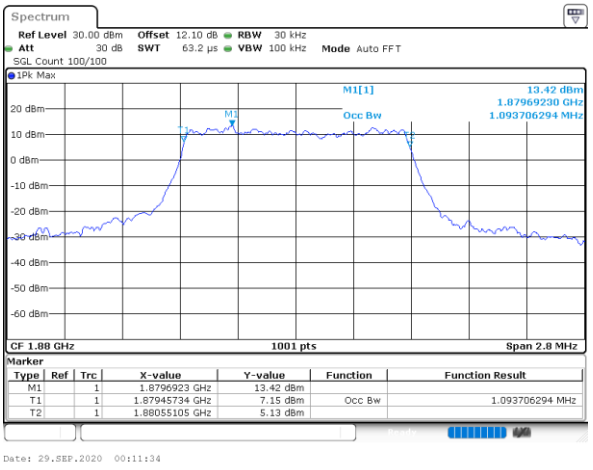
Lowest Channel / 1.4MHz / 16QAM



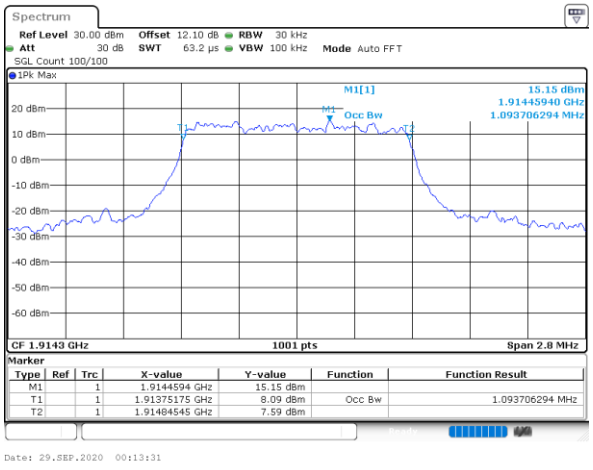
Middle Channel / 1.4MHz / QPSK



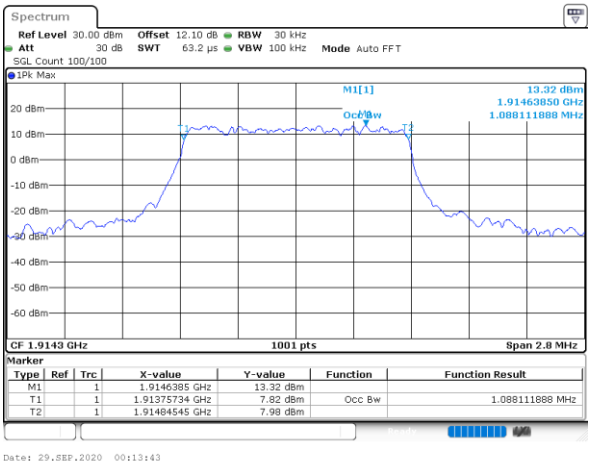
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

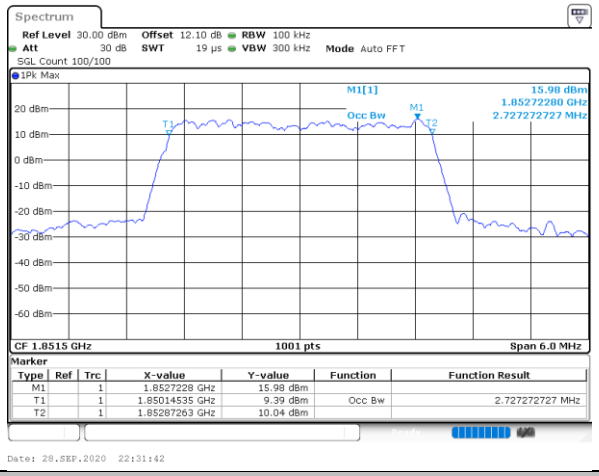


Highest Channel / 1.4MHz / 16QAM

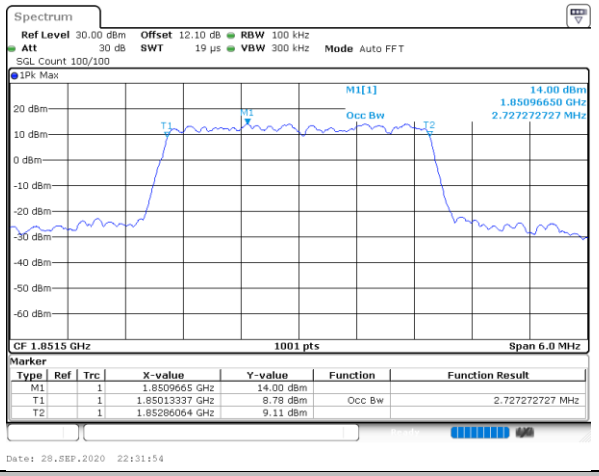


LTE Band 25

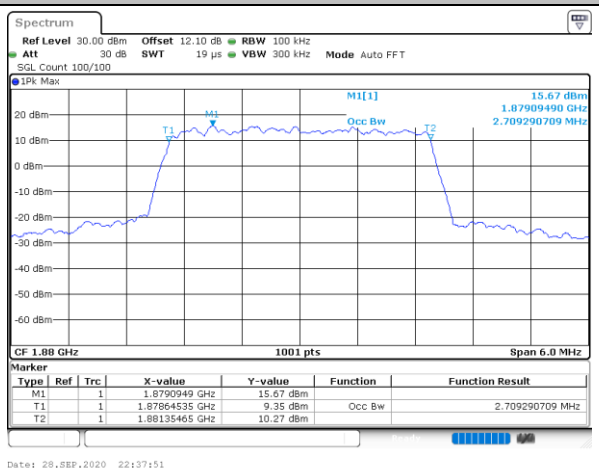
Lowest Channel / 3MHz / QPSK



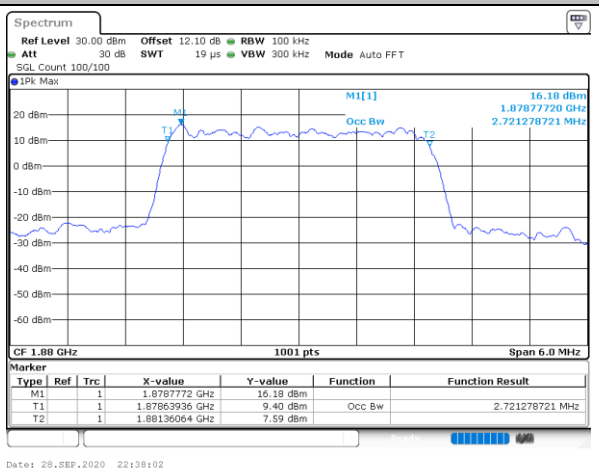
Lowest Channel / 3MHz / 16QAM



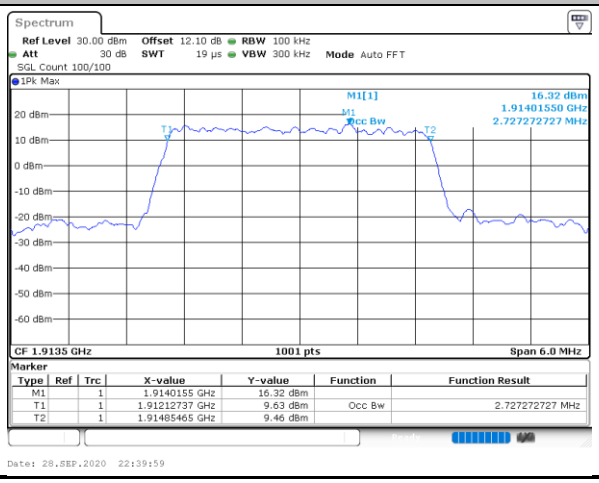
Middle Channel / 3MHz / QPSK



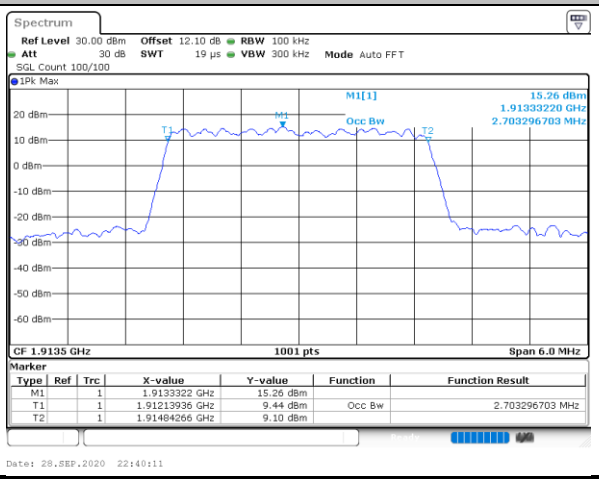
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

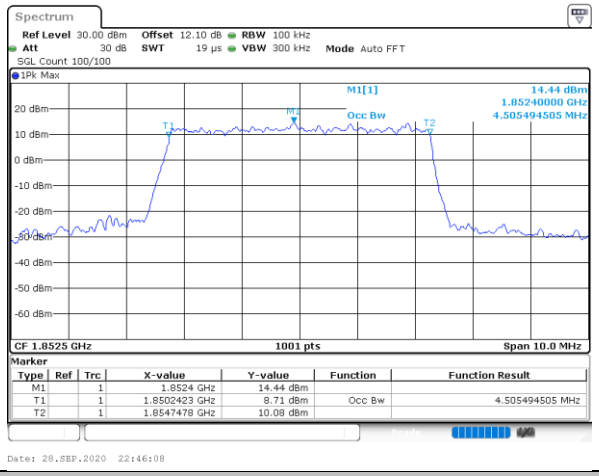


Highest Channel / 3MHz / 16QAM

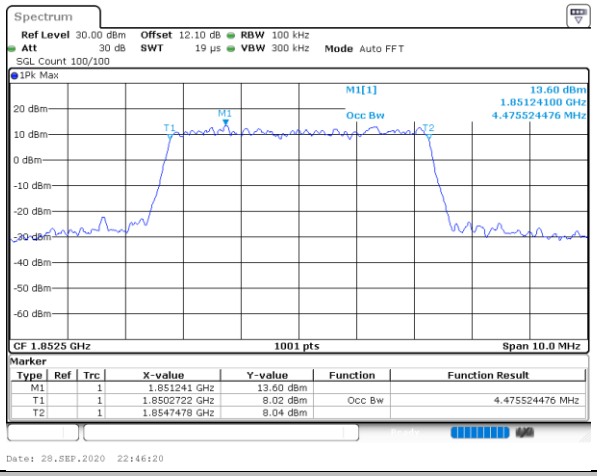


LTE Band 25

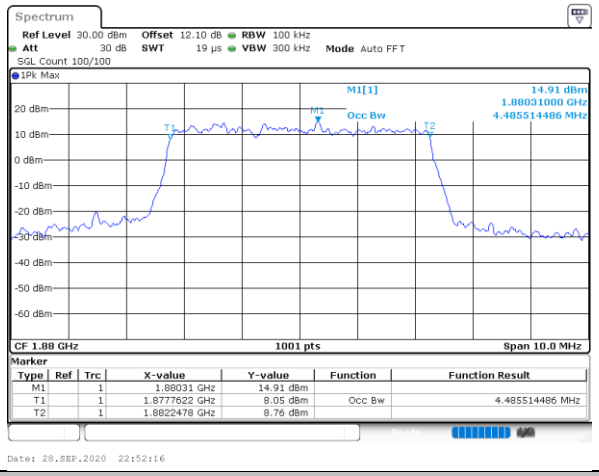
Lowest Channel / 5MHz / QPSK



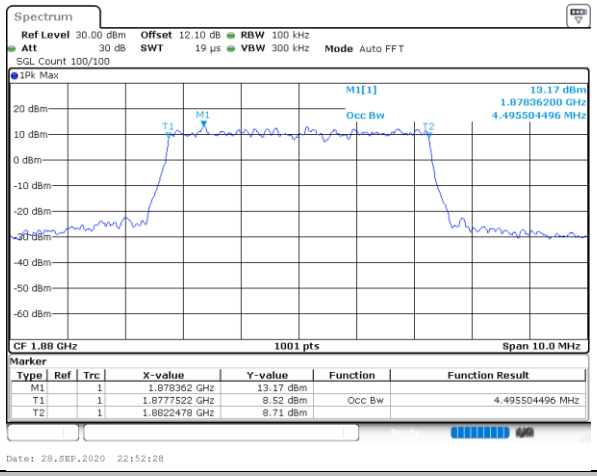
Lowest Channel / 5MHz / 16QAM



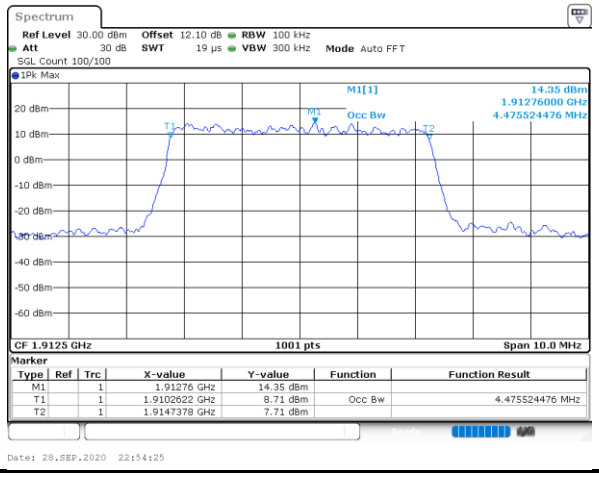
Middle Channel / 5MHz / QPSK



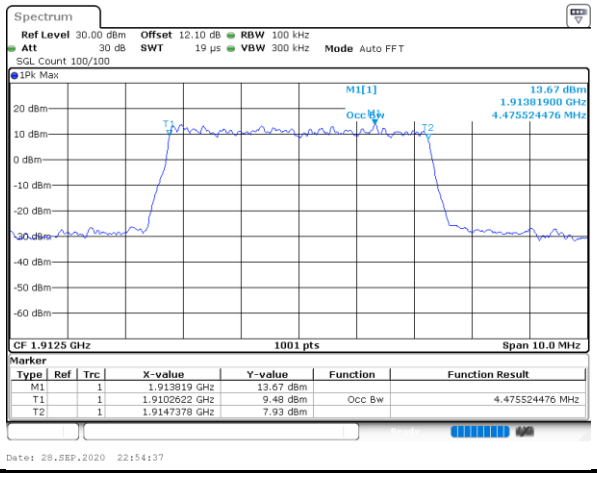
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

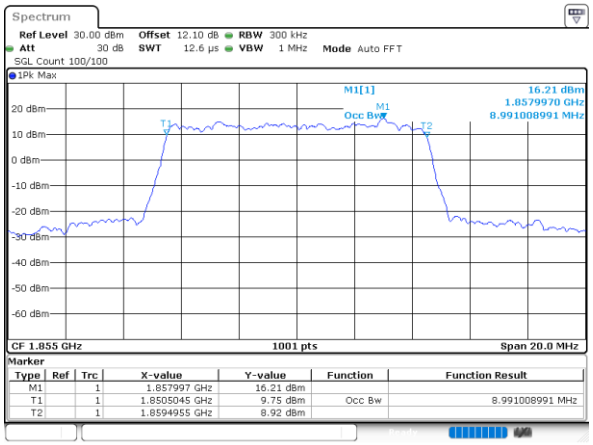


Highest Channel / 5MHz / 16QAM

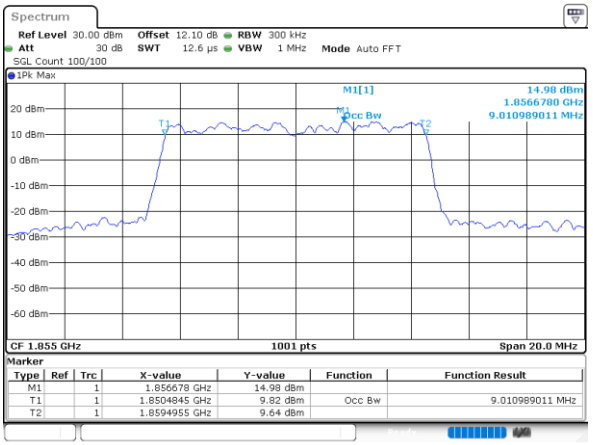


LTE Band 25

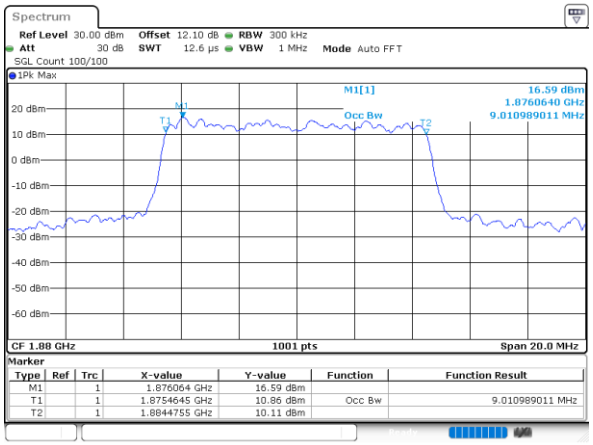
Lowest Channel / 10MHz / QPSK



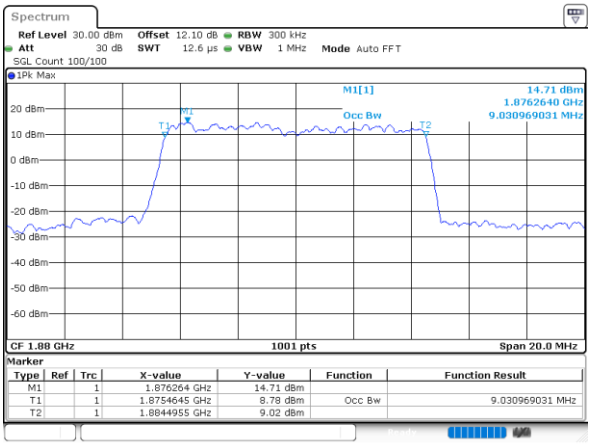
Lowest Channel / 10MHz / 16QAM



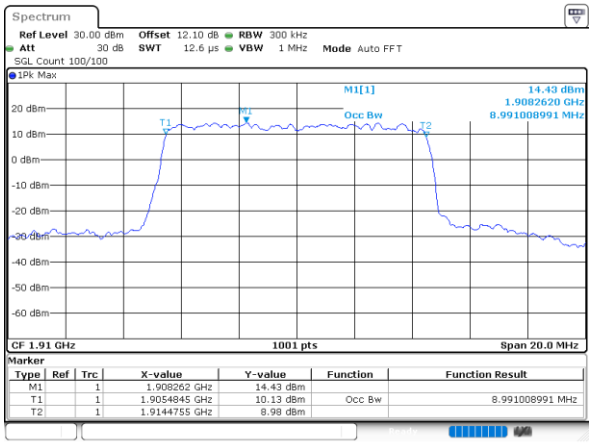
Middle Channel / 10MHz / QPSK



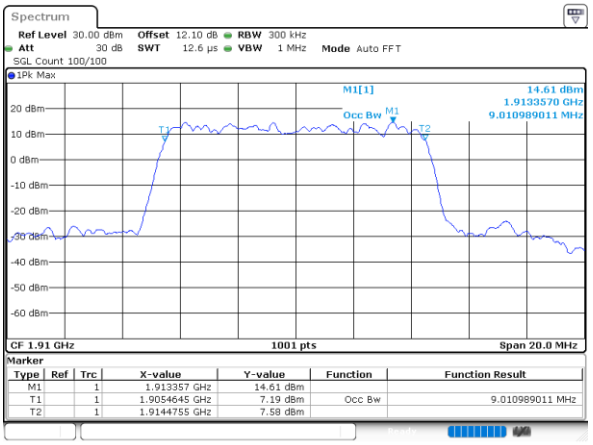
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

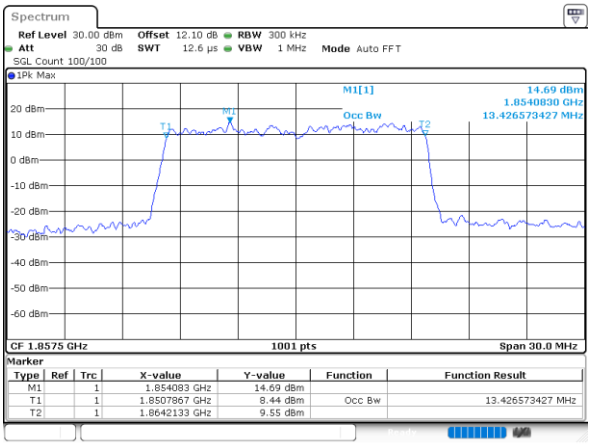


Highest Channel / 10MHz / 16QAM

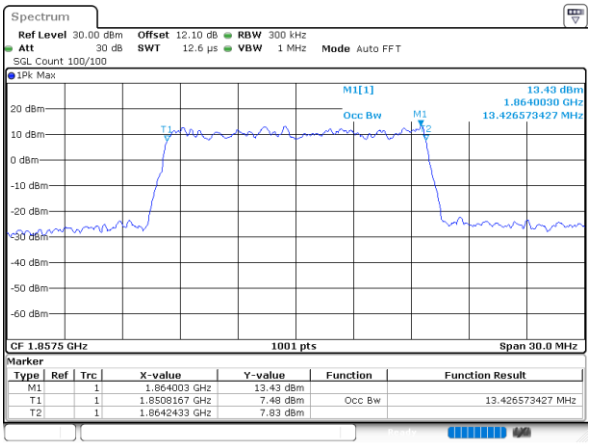


LTE Band 25

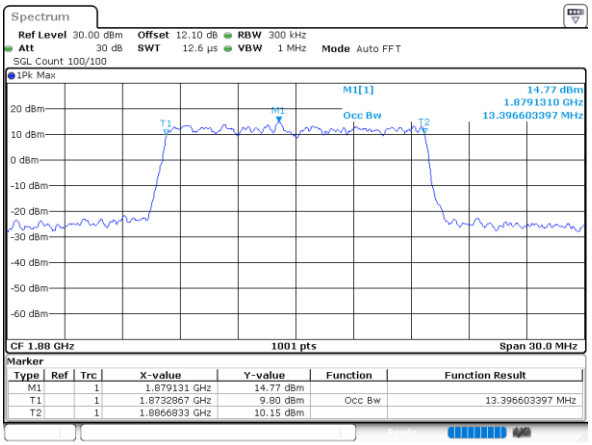
Lowest Channel / 15MHz / QPSK



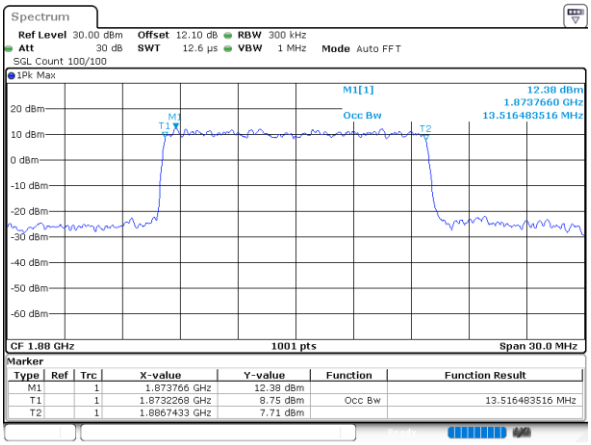
Lowest Channel / 15MHz / 16QAM



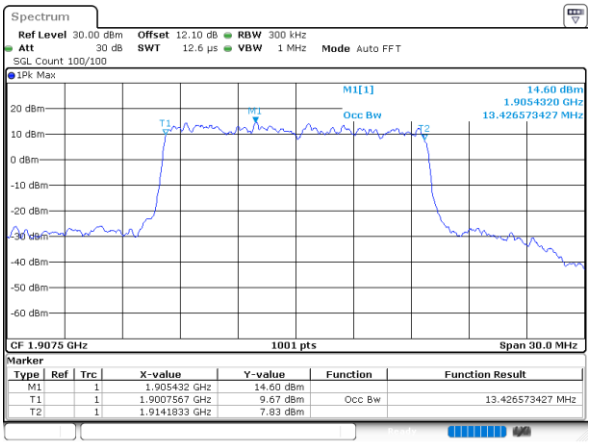
Middle Channel / 15MHz / QPSK



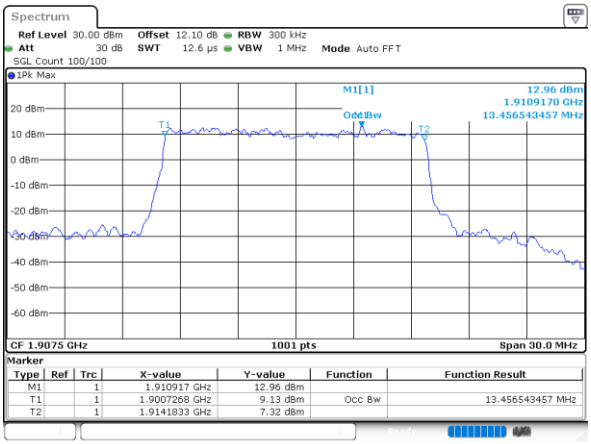
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

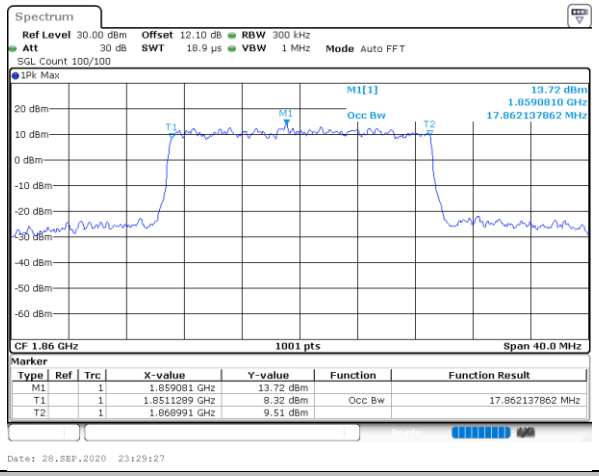


Highest Channel / 15MHz / 16QAM

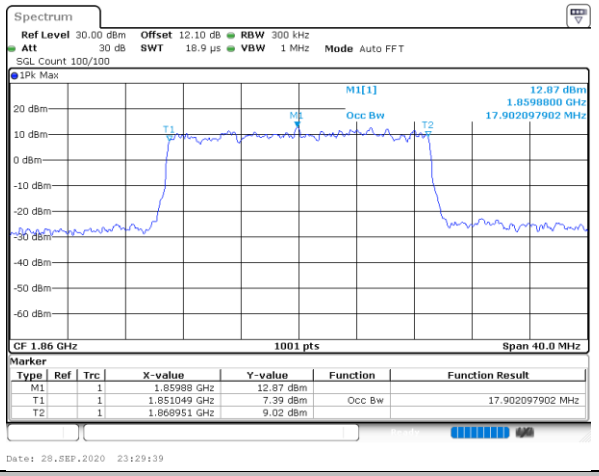


LTE Band 25

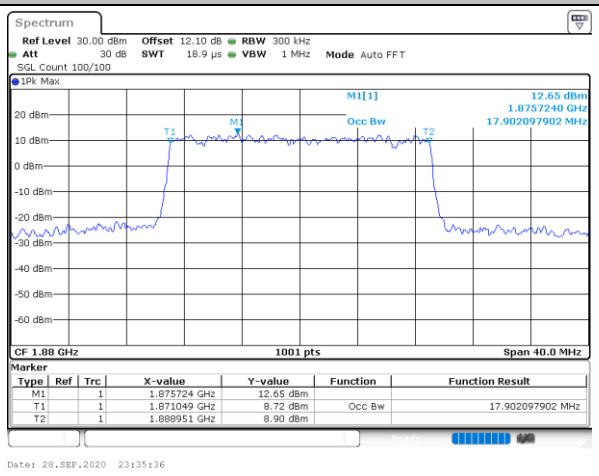
Lowest Channel / 20MHz / QPSK



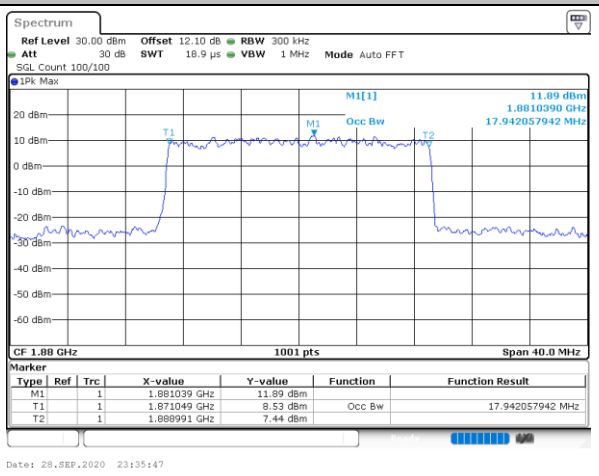
Lowest Channel / 20MHz / 16QAM



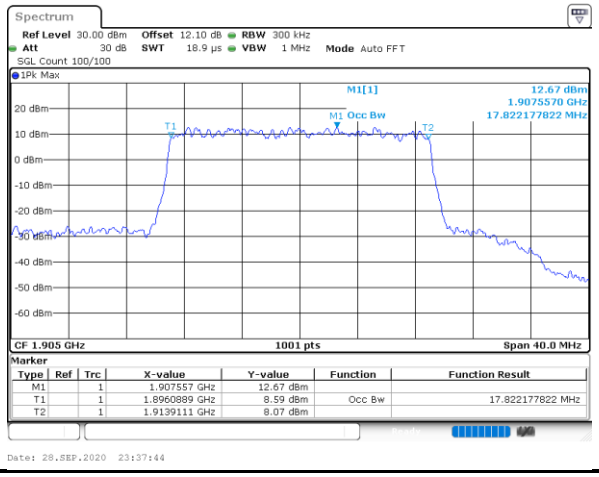
Middle Channel / 20MHz / QPSK



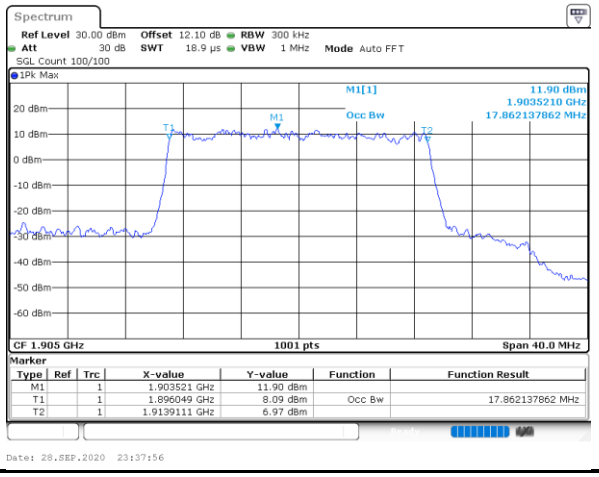
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



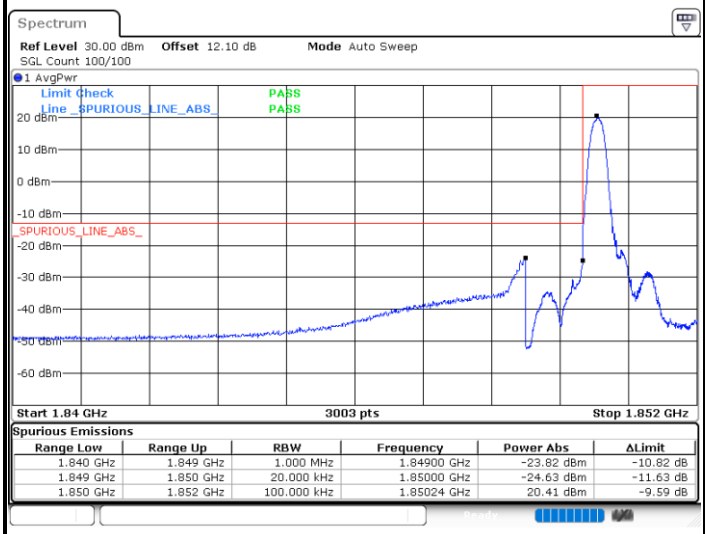
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

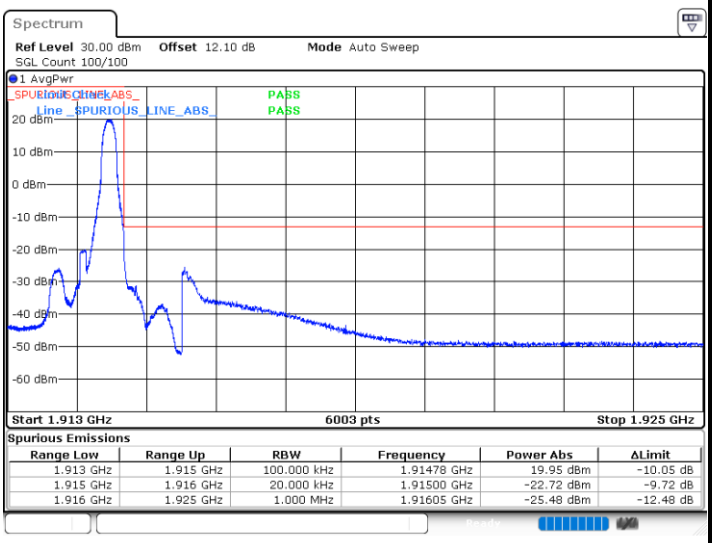


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-23.82 dBm	-10.82 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-24.63 dBm	-11.63 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85024 GHz	20.41 dBm	-9.59 dB

Date: 29.SEP.2020 00:06:41

Highest Band Edge / 1RB

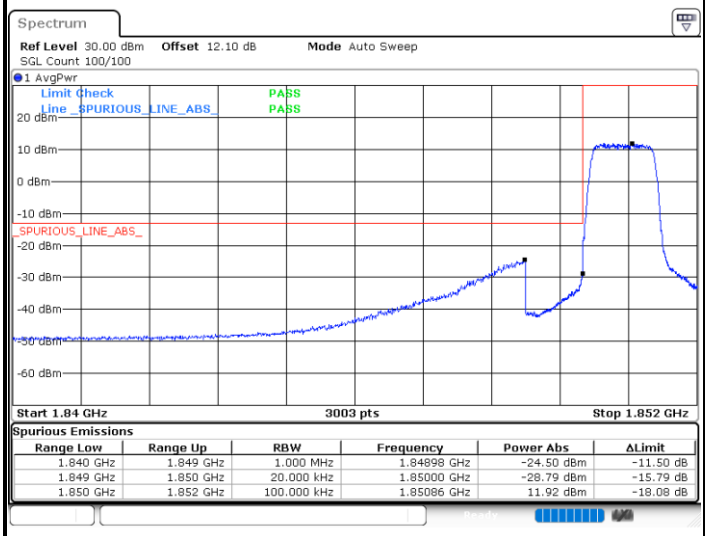


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91478 GHz	19.95 dBm	-10.05 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-22.72 dBm	-9.72 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91605 GHz	-25.48 dBm	-12.48 dB

Date: 29.SEP.2020 00:18:37

Lowest Band Edge / Full RB

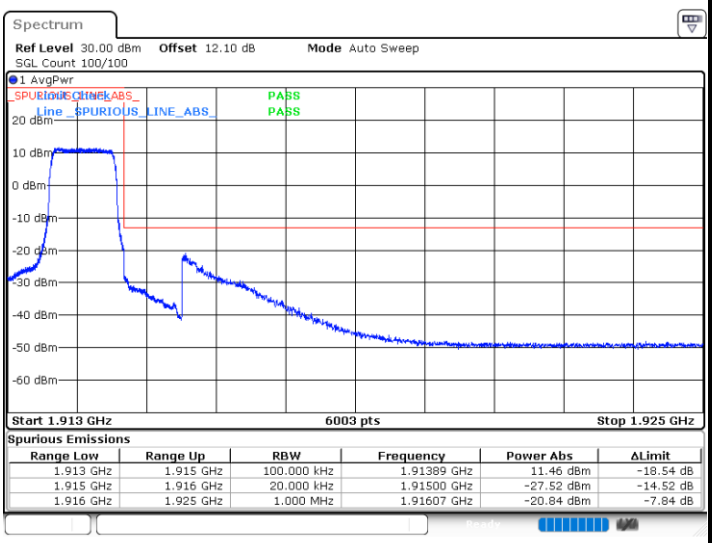


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-24.50 dBm	-11.50 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-28.79 dBm	-15.79 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85086 GHz	11.92 dBm	-18.08 dB

Date: 29.SEP.2020 00:08:46

Highest Band Edge / Full RB



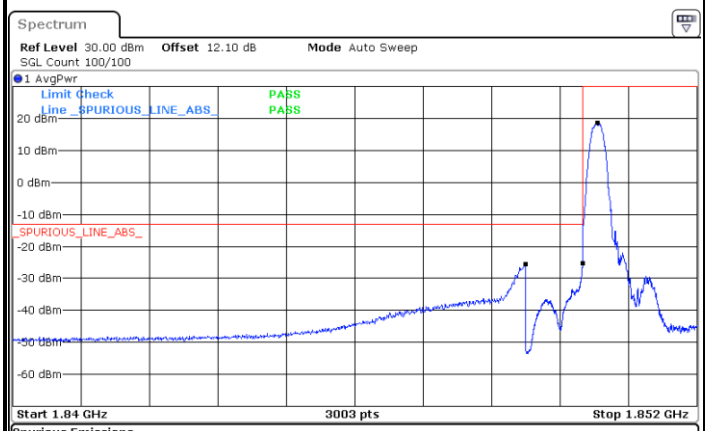
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91389 GHz	11.46 dBm	-18.54 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-27.52 dBm	-14.52 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91607 GHz	-20.84 dBm	-7.84 dB

Date: 29.SEP.2020 00:15:14

LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

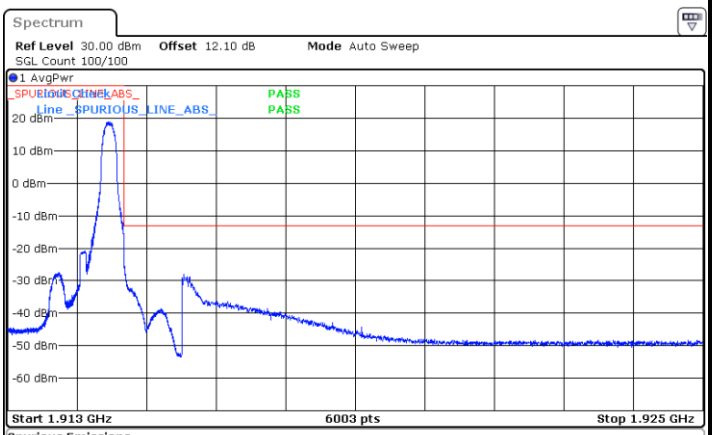


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-25.60 dBm	-12.60 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-25.26 dBm	-12.26 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85024 GHz	18.72 dBm	-11.28 dB

Date: 29.SEP.2020 00:07:43

Highest Band Edge / 1 RB

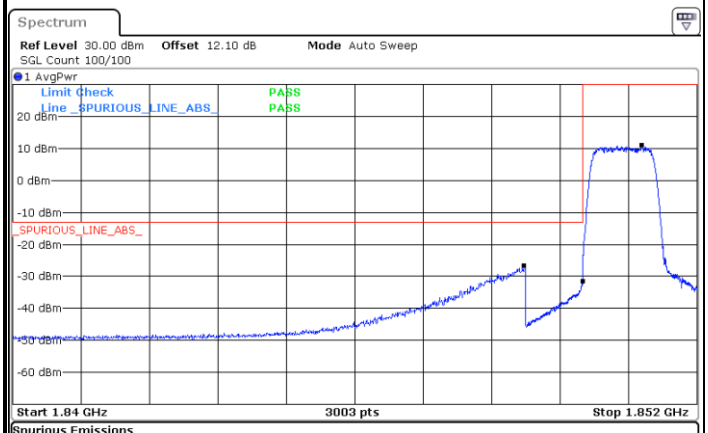


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91473 GHz	18.84 dBm	-11.16 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91501 GHz	-23.85 dBm	-10.85 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91604 GHz	-28.11 dBm	-15.11 dB

Date: 29.SEP.2020 00:17:29

Lowest Band Edge / Full RB

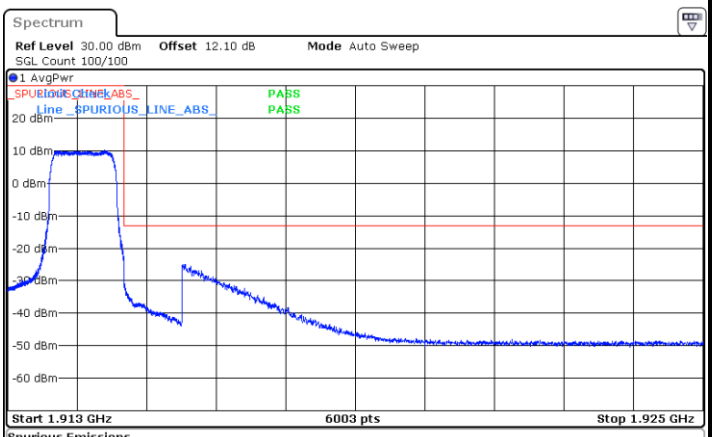


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-26.77 dBm	-13.77 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-31.49 dBm	-18.49 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85102 GHz	10.97 dBm	-19.03 dB

Date: 29.SEP.2020 00:09:49

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91467 GHz	10.10 dBm	-19.90 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-30.28 dBm	-17.28 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91602 GHz	-24.88 dBm	-11.88 dB

Date: 29.SEP.2020 00:16:22