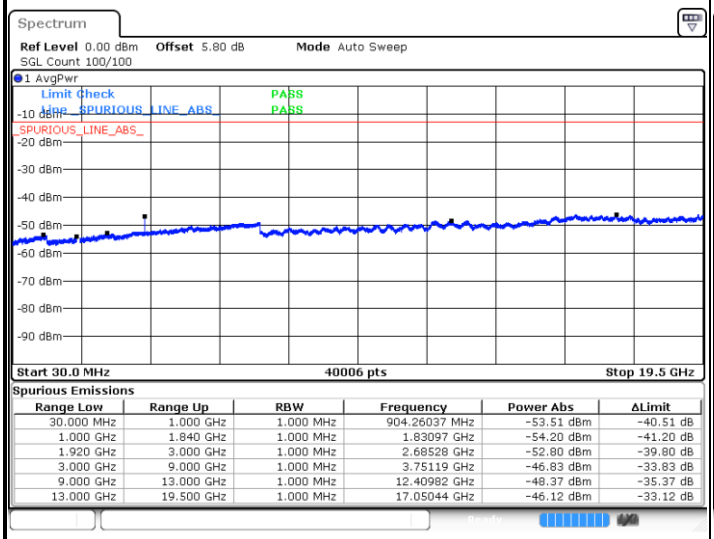
LTE Band 2 / 10MHz

Middle Channel / QPSK

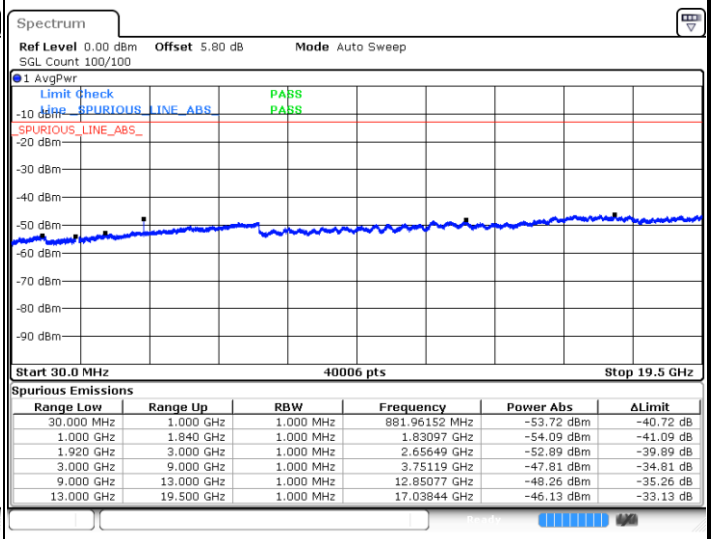


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.26037 MHz	-53.51 dBm	-40.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.20 dBm	-41.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68528 GHz	-52.80 dBm	-39.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-46.83 dBm	-33.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40982 GHz	-48.37 dBm	-35.37 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05044 GHz	-46.12 dBm	-33.12 dB

Date: 2.NOV.2019 10:54:31

Middle Channel / 16QAM

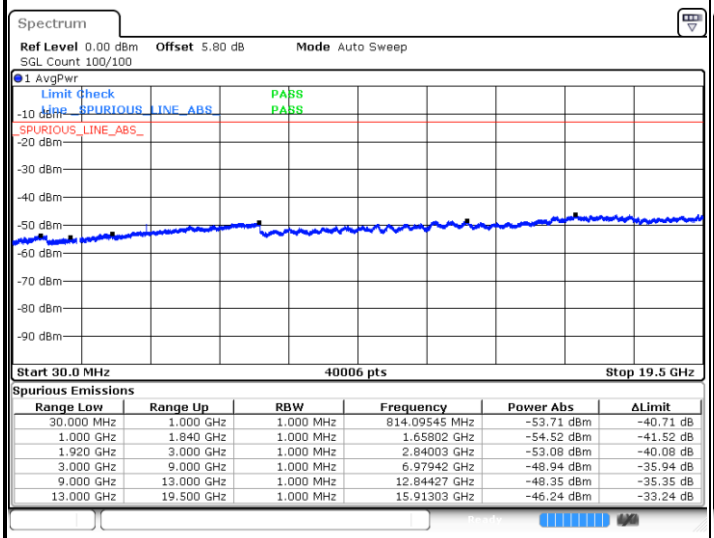


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-53.72 dBm	-40.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.09 dBm	-41.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65649 GHz	-52.89 dBm	-39.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-47.81 dBm	-34.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85077 GHz	-48.26 dBm	-35.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03844 GHz	-46.13 dBm	-33.13 dB

Date: 2.NOV.2019 10:55:25

Highest Channel / QPSK

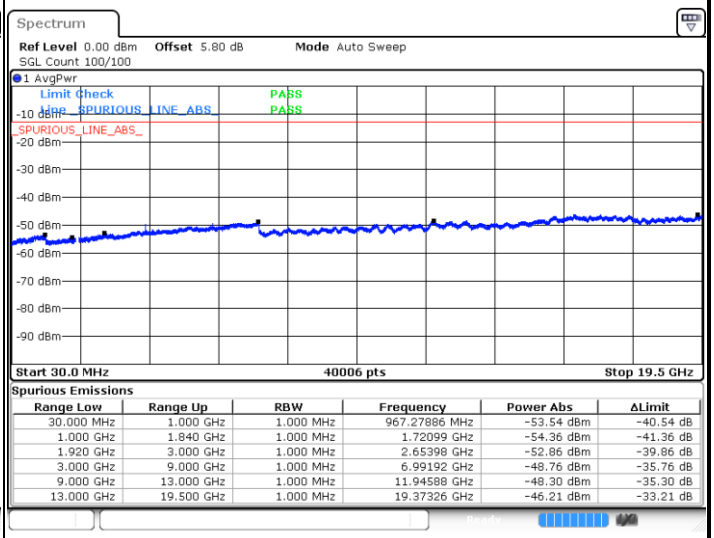


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	814.09545 MHz	-53.71 dBm	-40.71 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65802 GHz	-54.52 dBm	-41.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84003 GHz	-53.08 dBm	-40.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97942 GHz	-48.94 dBm	-35.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84427 GHz	-48.35 dBm	-35.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91303 GHz	-46.24 dBm	-33.24 dB

Date: 2.NOV.2019 11:01:29

Highest Channel / 16QAM



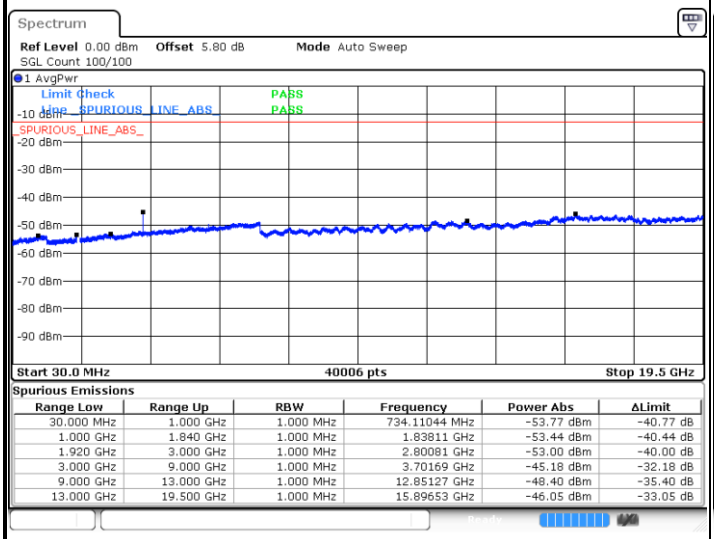
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72099 GHz	-54.36 dBm	-41.36 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65398 GHz	-52.86 dBm	-39.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-48.76 dBm	-35.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94588 GHz	-48.30 dBm	-35.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.37326 GHz	-46.21 dBm	-33.21 dB

Date: 2.NOV.2019 11:02:24

LTE Band 2 / 15MHz

Lowest Channel / QPSK

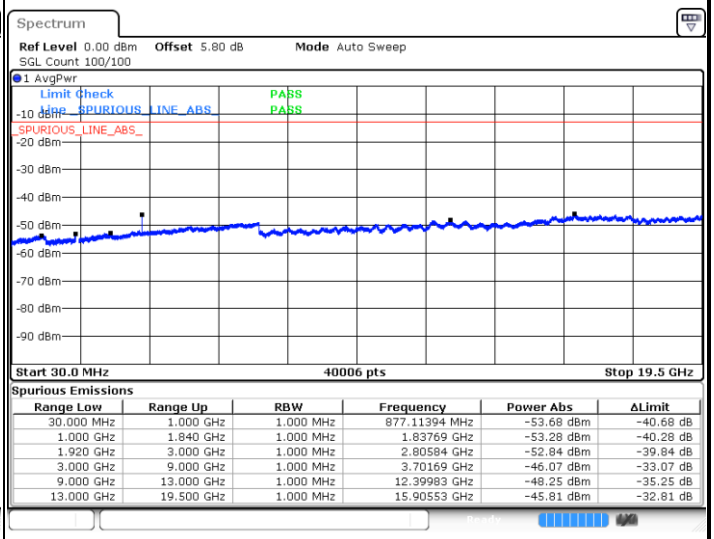


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	734.11044 MHz	-53.77 dBm	-40.77 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-53.44 dBm	-40.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80081 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-45.18 dBm	-32.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85127 GHz	-48.40 dBm	-35.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89653 GHz	-46.05 dBm	-33.05 dB

Date: 2.NOV.2019 11:08:28

Lowest Channel / 16QAM

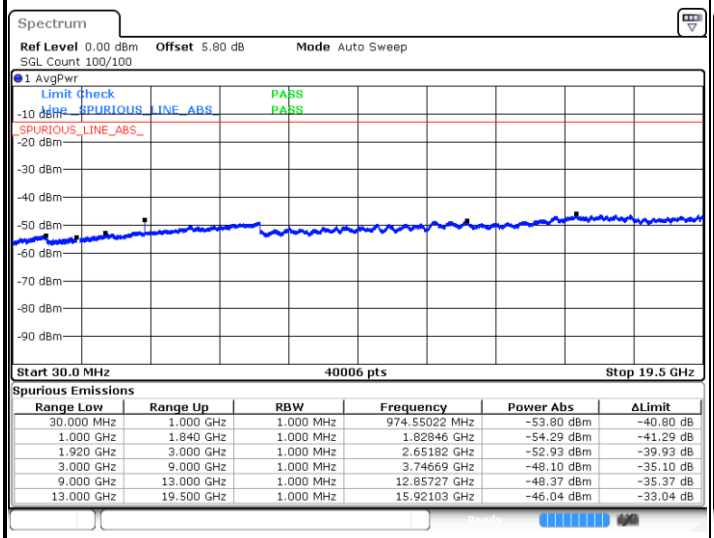


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.11394 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-53.28 dBm	-40.28 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80584 GHz	-52.84 dBm	-39.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-46.07 dBm	-33.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39983 GHz	-48.25 dBm	-35.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-45.81 dBm	-32.81 dB

Date: 2.NOV.2019 11:09:22

Middle Channel / QPSK

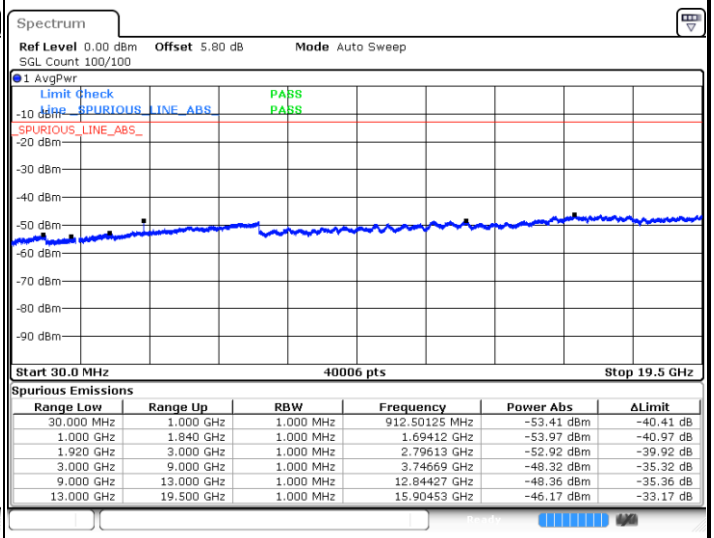


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-53.80 dBm	-40.80 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82846 GHz	-54.29 dBm	-41.29 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65182 GHz	-52.93 dBm	-39.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-48.10 dBm	-35.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-48.37 dBm	-35.37 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92103 GHz	-46.04 dBm	-33.04 dB

Date: 2.NOV.2019 11:10:57

Middle Channel / 16QAM



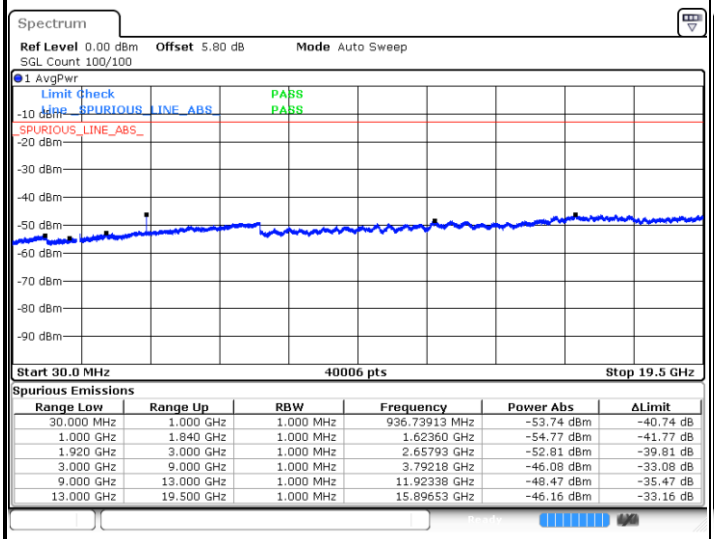
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.50125 MHz	-53.41 dBm	-40.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69412 GHz	-53.97 dBm	-40.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79613 GHz	-52.92 dBm	-39.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-48.32 dBm	-35.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84427 GHz	-48.36 dBm	-35.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90453 GHz	-46.17 dBm	-33.17 dB

Date: 2.NOV.2019 11:11:51

LTE Band 2 / 15MHz

Highest Channel / QPSK

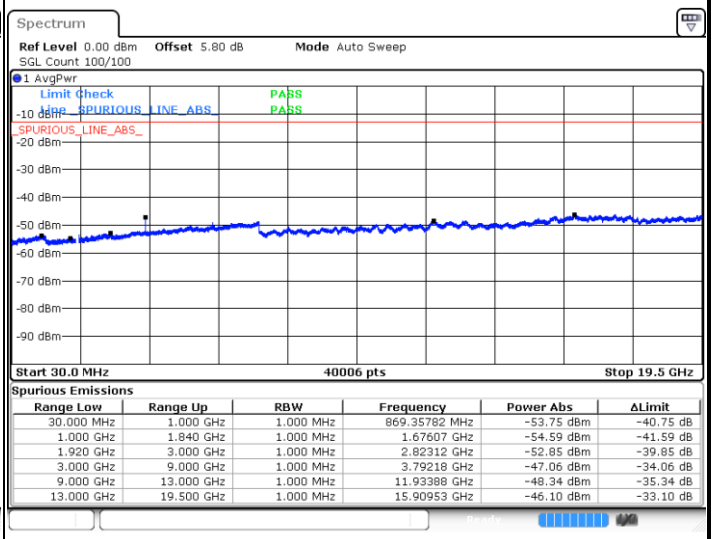


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-53.74 dBm	-40.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62360 GHz	-54.77 dBm	-41.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-52.81 dBm	-39.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-46.08 dBm	-33.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92338 GHz	-48.47 dBm	-35.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89653 GHz	-46.16 dBm	-33.16 dB

Date: 2.NOV.2019 11:17:55

Highest Channel / 16QAM



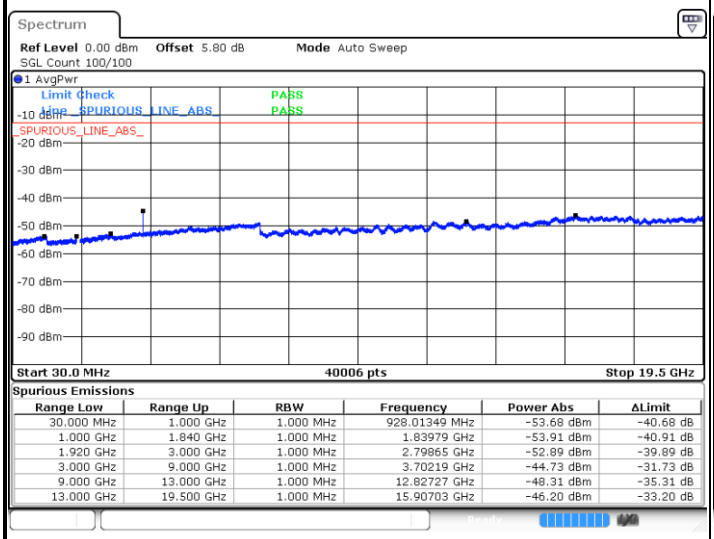
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.35782 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67607 GHz	-54.59 dBm	-41.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82312 GHz	-52.85 dBm	-39.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-47.06 dBm	-34.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93388 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90953 GHz	-46.10 dBm	-33.10 dB

Date: 2.NOV.2019 11:18:50

LTE Band 2 / 20MHz

Lowest Channel / QPSK

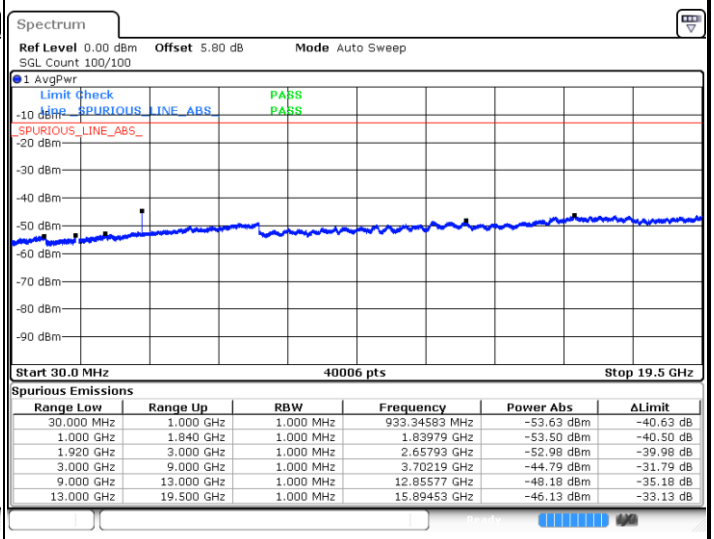


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.91 dBm	-40.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79865 GHz	-52.89 dBm	-39.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-44.73 dBm	-31.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82727 GHz	-48.31 dBm	-35.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90703 GHz	-46.20 dBm	-33.20 dB

Date: 2.NOV.2019 11:24:54

Lowest Channel / 16QAM



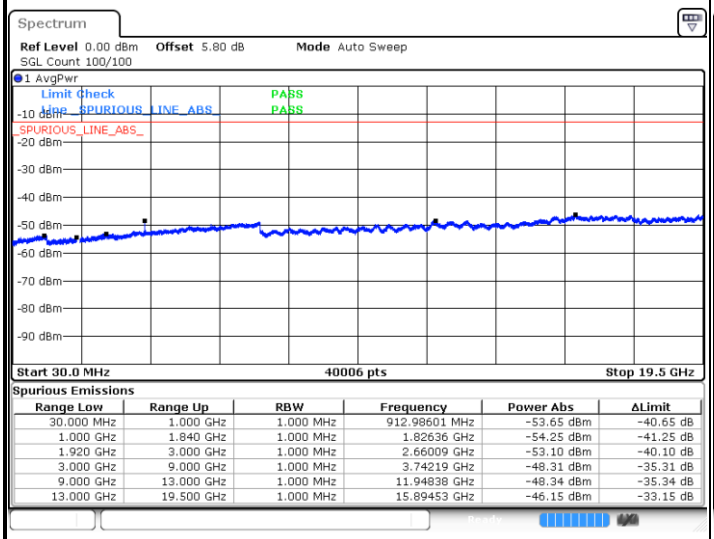
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-53.63 dBm	-40.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.50 dBm	-40.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-52.98 dBm	-39.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-44.79 dBm	-31.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85577 GHz	-48.18 dBm	-35.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89453 GHz	-46.13 dBm	-33.13 dB

Date: 2.NOV.2019 11:25:49

LTE Band 2 / 20MHz

Middle Channel / QPSK

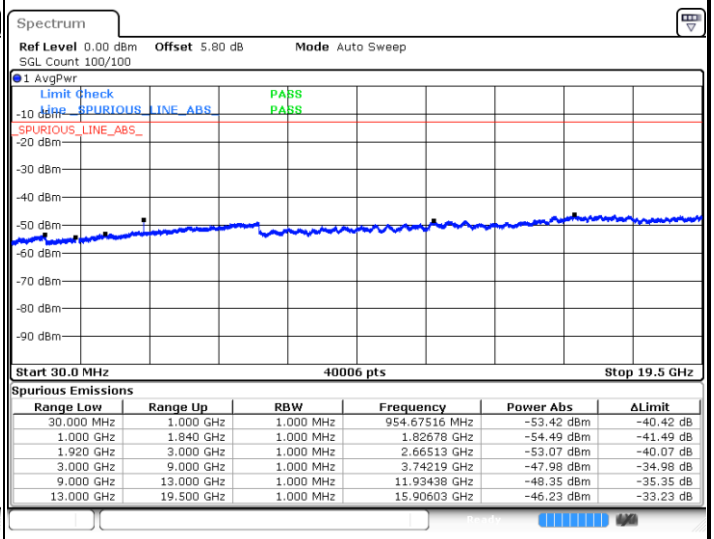


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-53.65 dBm	-40.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-54.25 dBm	-41.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66009 GHz	-53.10 dBm	-40.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-48.31 dBm	-35.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94838 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89453 GHz	-46.15 dBm	-33.15 dB

Date: 2.NOV.2019 11:27:23

Middle Channel / 16QAM

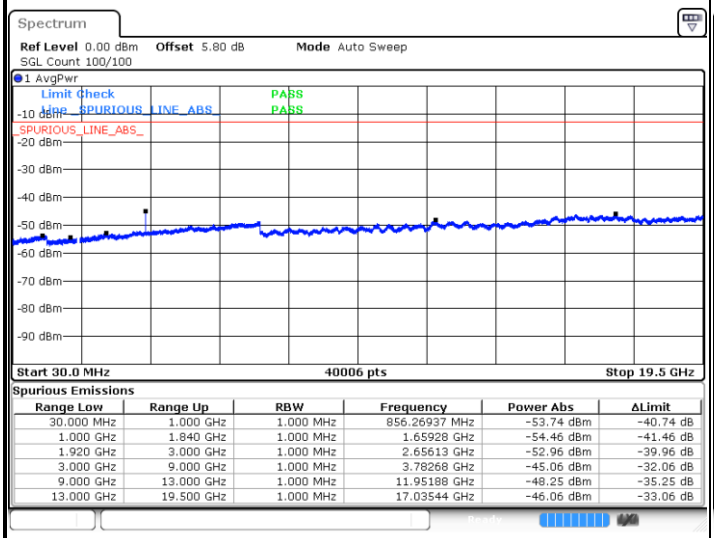


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-53.42 dBm	-40.42 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82678 GHz	-54.49 dBm	-41.49 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66513 GHz	-53.07 dBm	-40.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-47.98 dBm	-34.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93438 GHz	-48.35 dBm	-35.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90603 GHz	-46.23 dBm	-33.23 dB

Date: 2.NOV.2019 11:28:18

Highest Channel / QPSK

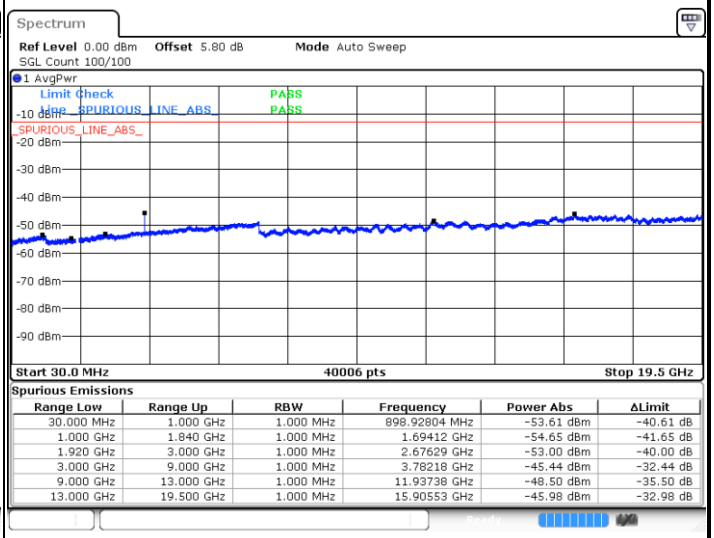


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.26937 MHz	-53.74 dBm	-40.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65928 GHz	-54.46 dBm	-41.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65613 GHz	-52.96 dBm	-39.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78268 GHz	-45.06 dBm	-32.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95188 GHz	-48.25 dBm	-35.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03544 GHz	-46.06 dBm	-33.06 dB

Date: 2.NOV.2019 11:34:22

Highest Channel / 16QAM



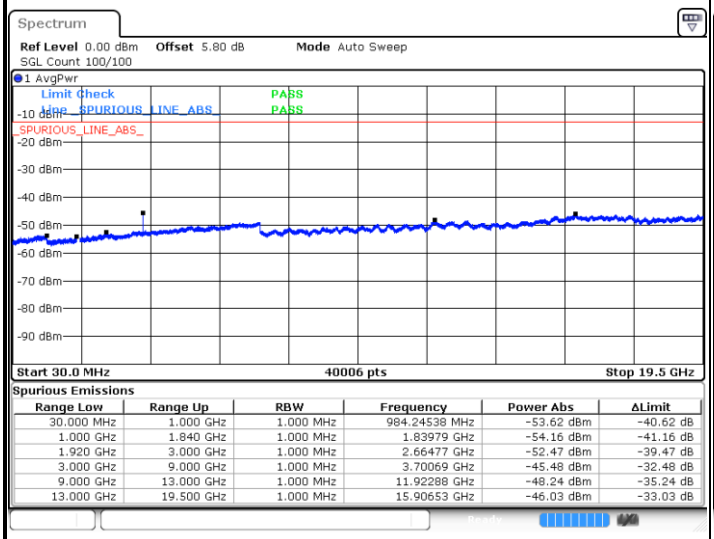
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69412 GHz	-54.65 dBm	-41.65 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67629 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-45.44 dBm	-32.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93738 GHz	-48.50 dBm	-35.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-45.98 dBm	-32.98 dB

Date: 2.NOV.2019 11:35:16

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

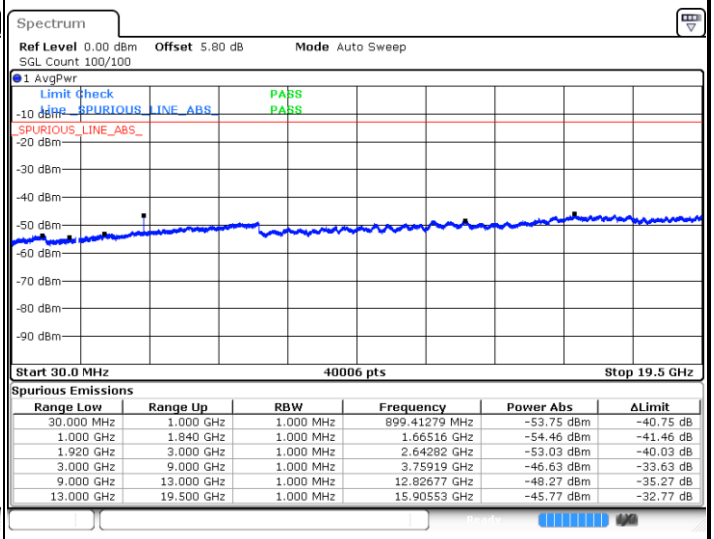


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-53.62 dBm	-40.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.16 dBm	-41.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66477 GHz	-52.47 dBm	-39.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.48 dBm	-32.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92288 GHz	-48.24 dBm	-35.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90653 GHz	-46.03 dBm	-33.03 dB

Date: 2.NOV.2019 12:10:14

Middle Channel / 64QAM

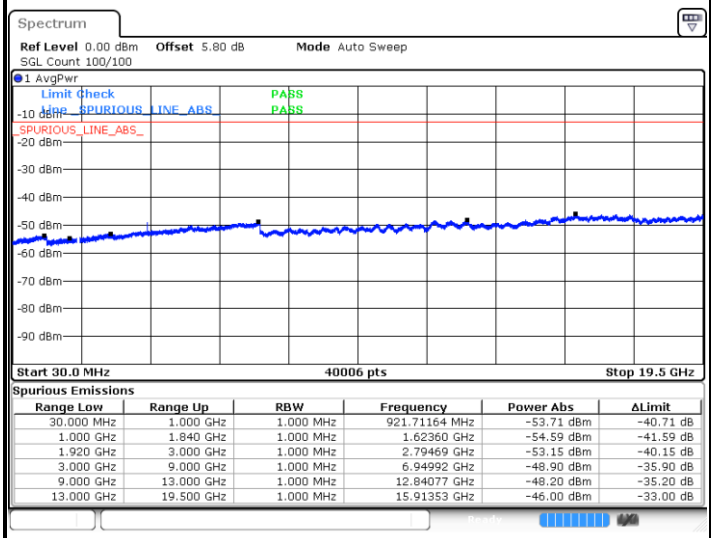


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66516 GHz	-54.46 dBm	-41.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64282 GHz	-53.03 dBm	-40.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-46.63 dBm	-33.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82677 GHz	-48.27 dBm	-35.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-45.77 dBm	-32.77 dB

Date: 2.NOV.2019 12:11:08

Highest Channel / 64QAM



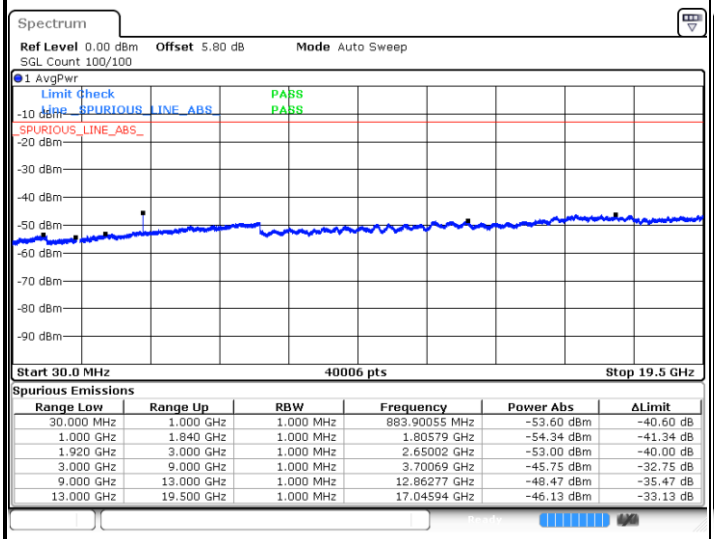
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-53.71 dBm	-40.71 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62360 GHz	-54.59 dBm	-41.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79469 GHz	-53.15 dBm	-40.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94992 GHz	-48.90 dBm	-35.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84077 GHz	-48.20 dBm	-35.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91353 GHz	-46.00 dBm	-33.00 dB

Date: 2.NOV.2019 12:12:03

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

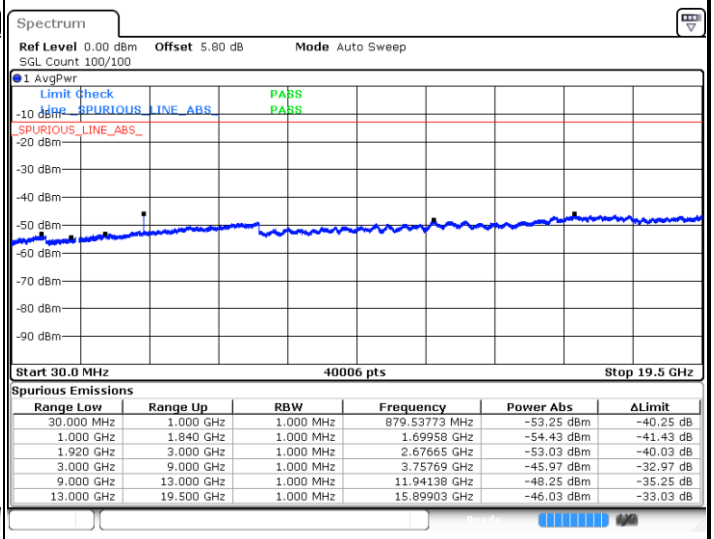


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.90055 MHz	-53.60 dBm	-40.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80579 GHz	-54.34 dBm	-41.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65002 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.75 dBm	-32.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86277 GHz	-48.47 dBm	-35.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04594 GHz	-46.13 dBm	-33.13 dB

Date: 2.NOV.2019 12:12:57

Middle Channel / 64QAM

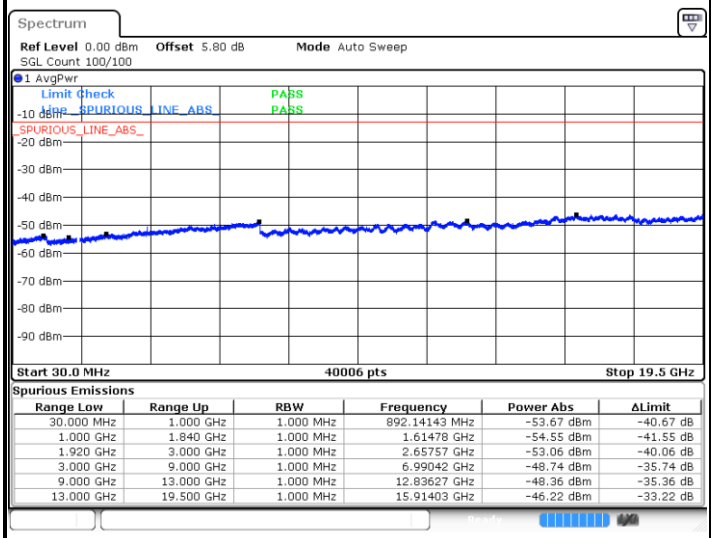


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-53.25 dBm	-40.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69958 GHz	-54.43 dBm	-41.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67665 GHz	-53.03 dBm	-40.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-45.97 dBm	-32.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94138 GHz	-48.25 dBm	-35.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89903 GHz	-46.03 dBm	-33.03 dB

Date: 2.NOV.2019 12:13:52

Highest Channel / 64QAM



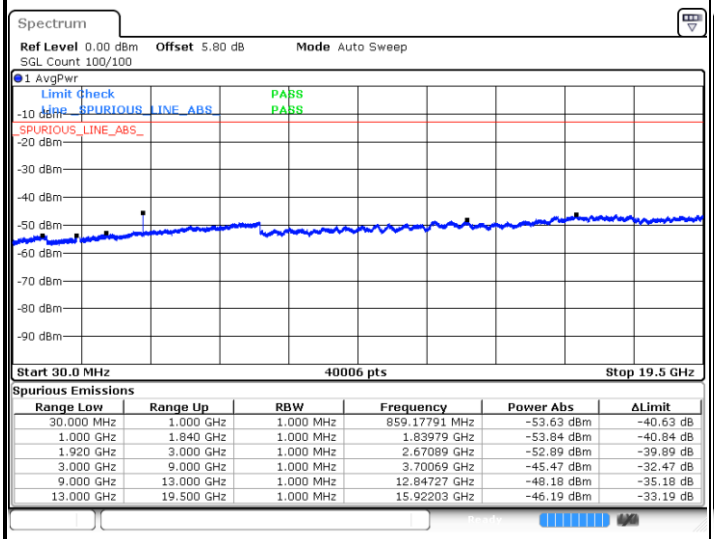
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61478 GHz	-54.55 dBm	-41.55 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65757 GHz	-53.06 dBm	-40.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-48.74 dBm	-35.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83627 GHz	-48.36 dBm	-35.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91403 GHz	-46.22 dBm	-33.22 dB

Date: 2.NOV.2019 12:14:46

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

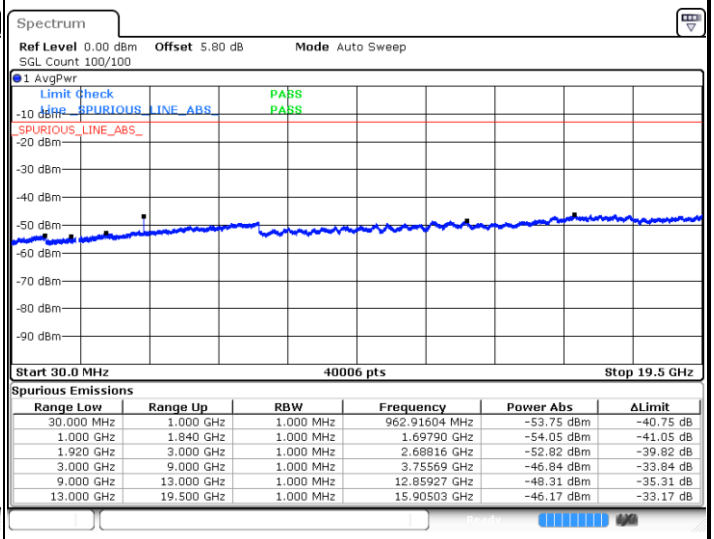


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-53.63 dBm	-40.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.84 dBm	-40.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67089 GHz	-52.89 dBm	-39.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-45.47 dBm	-32.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84727 GHz	-48.18 dBm	-35.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92203 GHz	-46.19 dBm	-33.19 dB

Date: 2.NOV.2019 12:15:41

Middle Channel / 64QAM

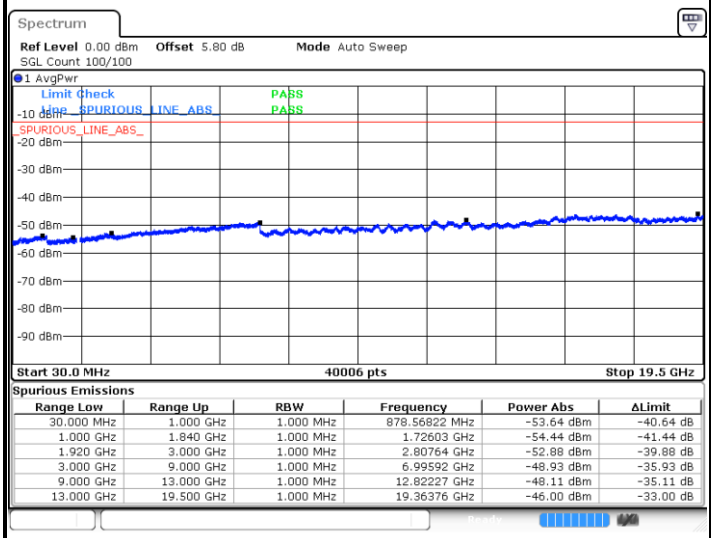


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69790 GHz	-54.05 dBm	-41.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68816 GHz	-52.82 dBm	-39.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-46.84 dBm	-33.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85927 GHz	-48.31 dBm	-35.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90503 GHz	-46.17 dBm	-33.17 dB

Date: 2.NOV.2019 12:16:35

Highest Channel / 64QAM



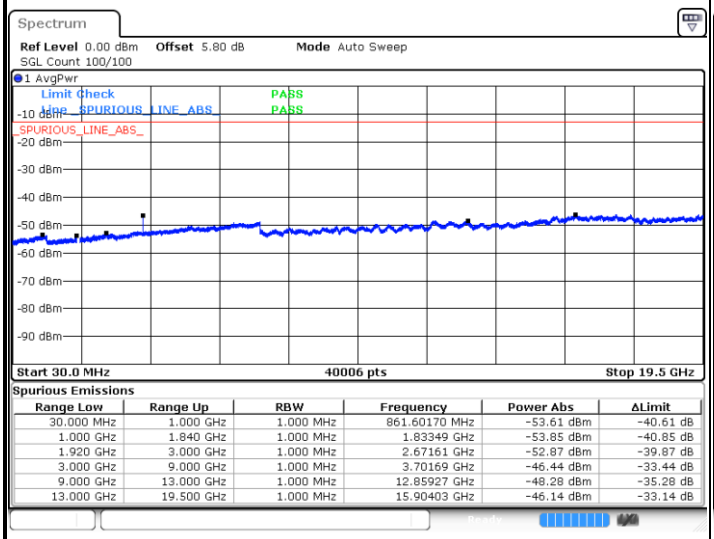
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-53.64 dBm	-40.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72603 GHz	-54.44 dBm	-41.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80764 GHz	-52.88 dBm	-39.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-48.93 dBm	-35.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-48.11 dBm	-35.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.36376 GHz	-46.00 dBm	-33.00 dB

Date: 2.NOV.2019 12:17:29

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

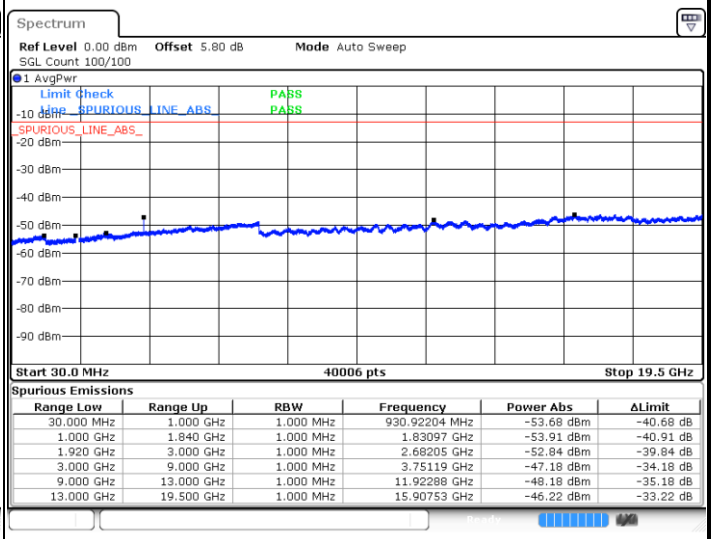


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	861.60170 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-53.85 dBm	-40.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67161 GHz	-52.87 dBm	-39.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-46.44 dBm	-33.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85927 GHz	-48.28 dBm	-35.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90403 GHz	-46.14 dBm	-33.14 dB

Date: 2.NOV.2019 12:18:24

Middle Channel / 64QAM

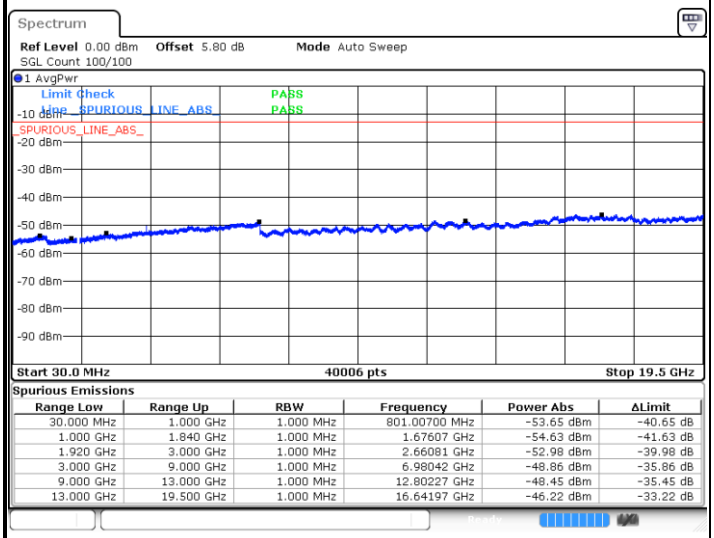


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-53.91 dBm	-40.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68205 GHz	-52.84 dBm	-39.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-47.18 dBm	-34.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92288 GHz	-48.18 dBm	-35.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90753 GHz	-46.22 dBm	-33.22 dB

Date: 2.NOV.2019 12:19:18

Highest Channel / 64QAM



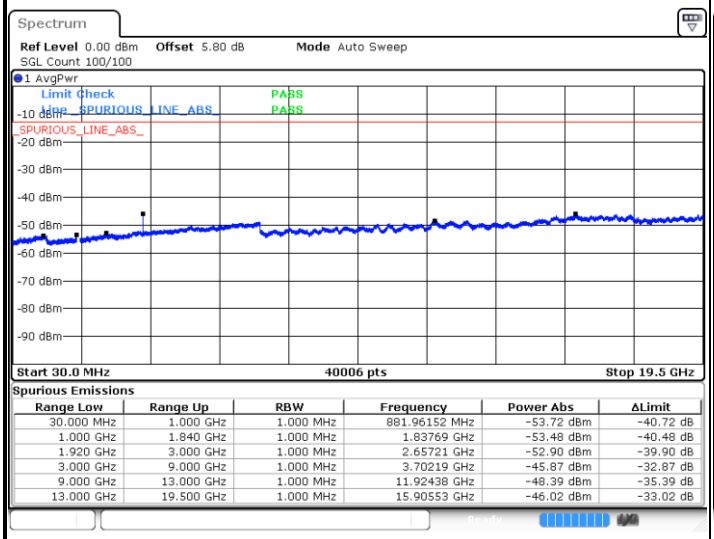
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	801.00700 MHz	-53.65 dBm	-40.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67607 GHz	-54.63 dBm	-41.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66081 GHz	-52.98 dBm	-39.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98042 GHz	-48.86 dBm	-35.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80227 GHz	-48.45 dBm	-35.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.64197 GHz	-46.22 dBm	-33.22 dB

Date: 2.NOV.2019 12:20:13

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

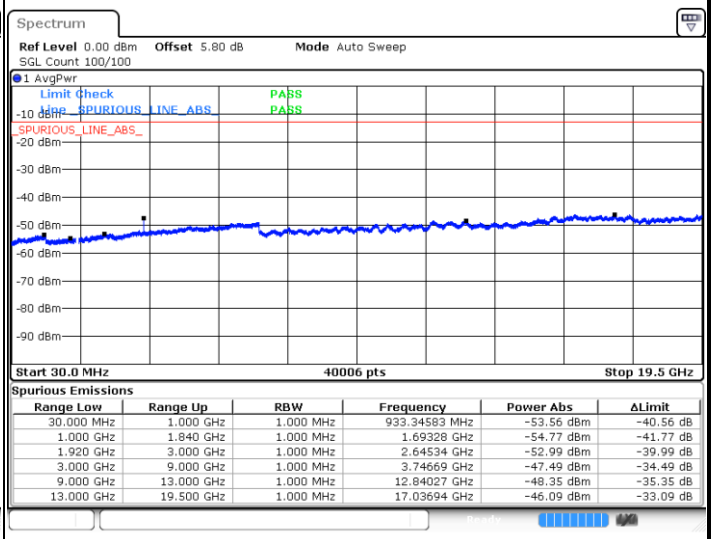


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-53.72 dBm	-40.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-53.48 dBm	-40.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65721 GHz	-52.90 dBm	-39.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-45.87 dBm	-32.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92438 GHz	-48.39 dBm	-35.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-46.02 dBm	-33.02 dB

Date: 2.NOV.2019 12:21:07

Middle Channel / 64QAM

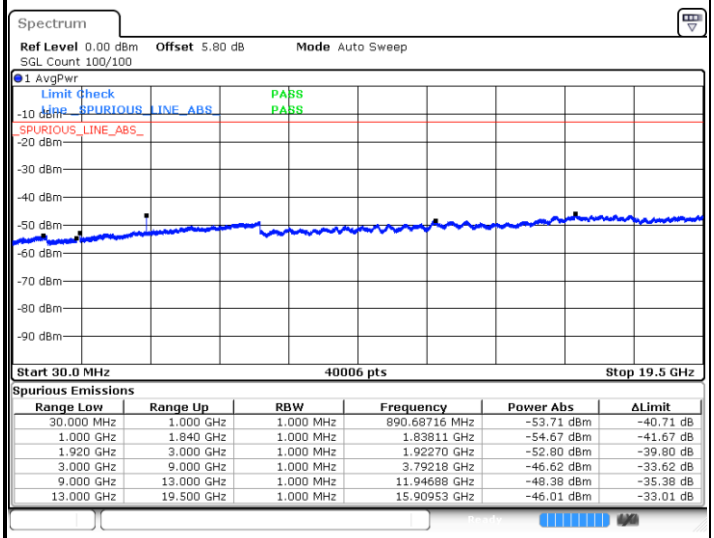


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-53.56 dBm	-40.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69328 GHz	-54.77 dBm	-41.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64534 GHz	-52.99 dBm	-39.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-47.49 dBm	-34.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84027 GHz	-48.35 dBm	-35.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03694 GHz	-46.09 dBm	-33.09 dB

Date: 2.NOV.2019 12:22:02

Highest Channel / 64QAM



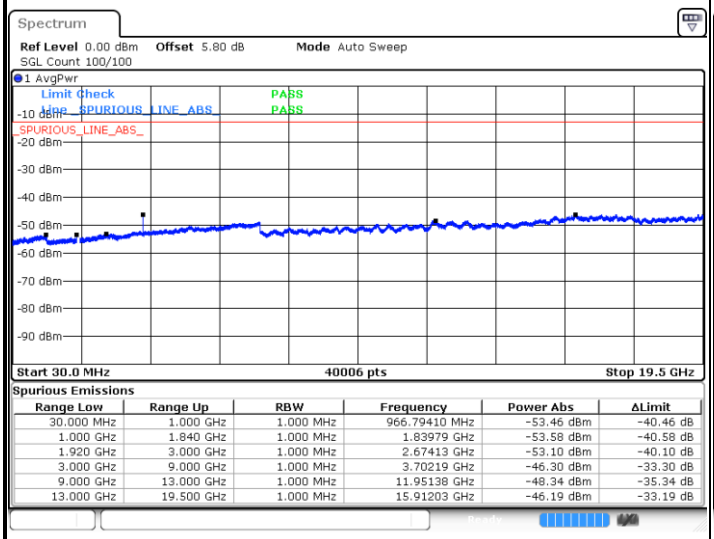
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-53.71 dBm	-40.71 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-54.67 dBm	-41.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-52.80 dBm	-39.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-46.62 dBm	-33.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94688 GHz	-48.38 dBm	-35.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90953 GHz	-46.01 dBm	-33.01 dB

Date: 2.NOV.2019 12:22:56

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

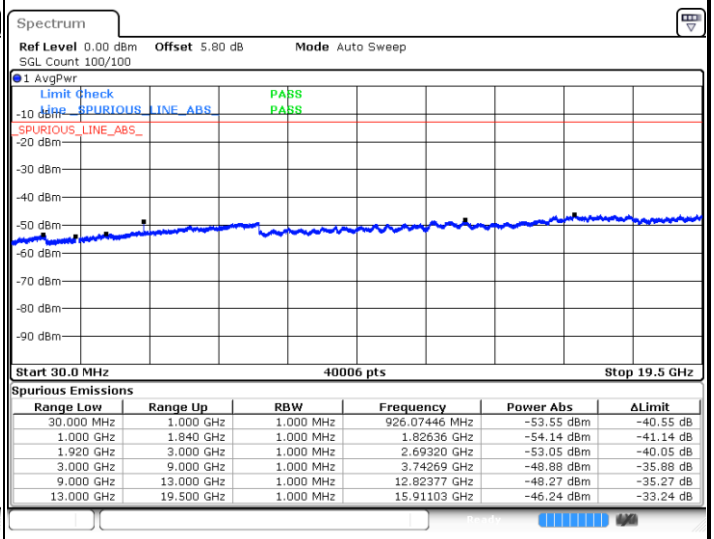


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.58 dBm	-40.58 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67413 GHz	-53.10 dBm	-40.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.30 dBm	-33.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95138 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91203 GHz	-46.19 dBm	-33.19 dB

Date: 2.NOV.2019 12:23:51

Middle Channel / 64QAM

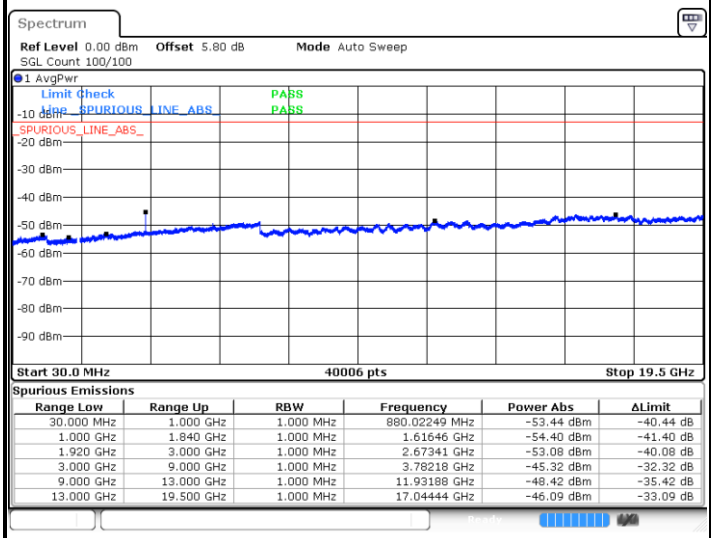


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-53.55 dBm	-40.55 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-54.14 dBm	-41.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69320 GHz	-53.05 dBm	-40.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74269 GHz	-48.88 dBm	-35.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82377 GHz	-48.27 dBm	-35.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91103 GHz	-46.24 dBm	-33.24 dB

Date: 2.NOV.2019 12:24:45

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61646 GHz	-54.40 dBm	-41.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67341 GHz	-53.08 dBm	-40.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-45.32 dBm	-32.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93188 GHz	-48.42 dBm	-35.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04444 GHz	-46.09 dBm	-33.09 dB

Date: 2.NOV.2019 12:25:40

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0043	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

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

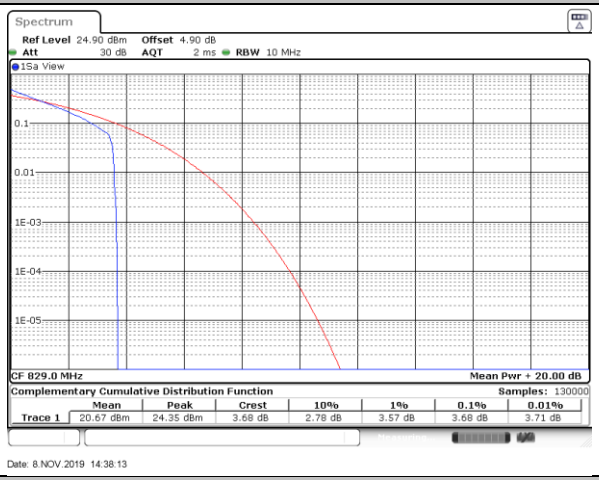
LTE Band 5

Peak-to-Average Ratio

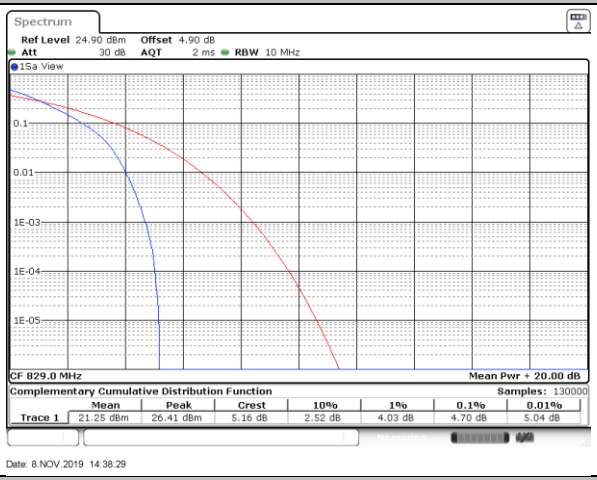
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.68	4.70	5.59	6.06	PASS
Middle CH	3.68	4.72	5.33	5.97	
Highest CH	3.65	4.78	5.22	6.00	
Mod.	64QAM		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.72	6.58			PASS
Middle CH	6.49	6.58			
Highest CH	6.55	6.64			

LTE Band 5 / 10MHz / QPSK

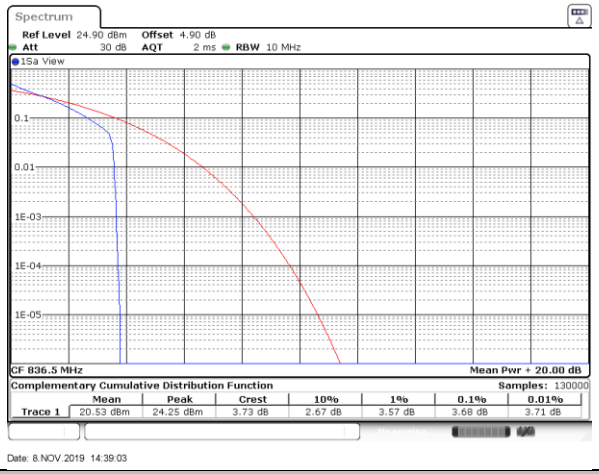
Lowest Channel / 1RB



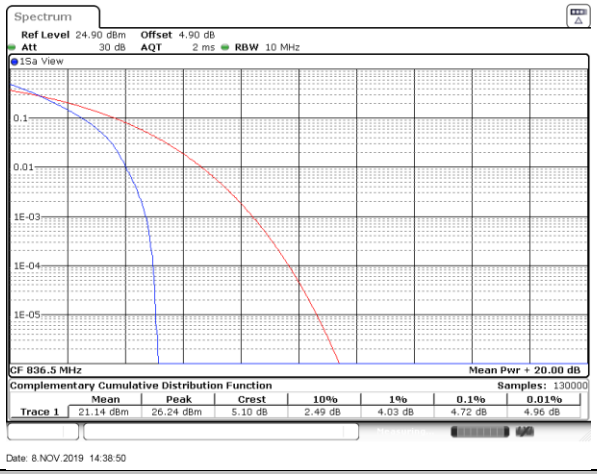
Lowest Channel / Full RB



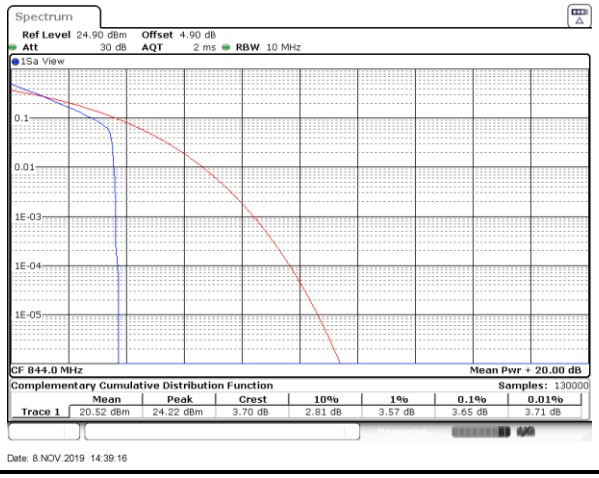
Middle Channel / 1RB



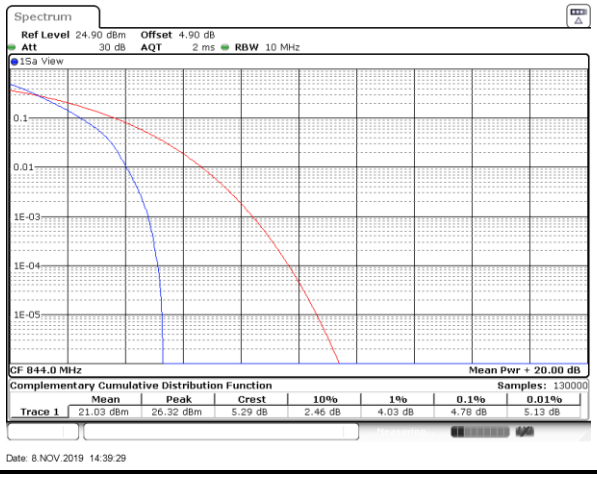
Middle Channel / Full RB



Highest Channel / 1RB

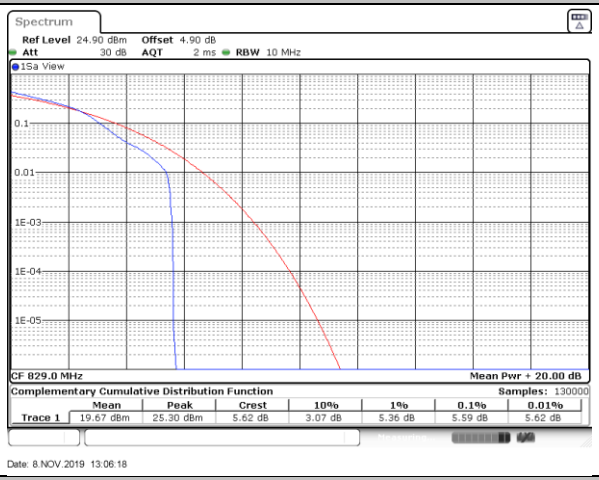


Highest Channel / Full RB

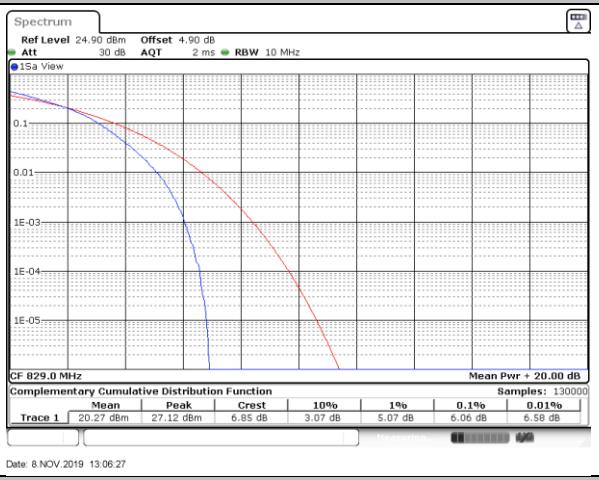


LTE Band 5 / 10MHz / 16QAM

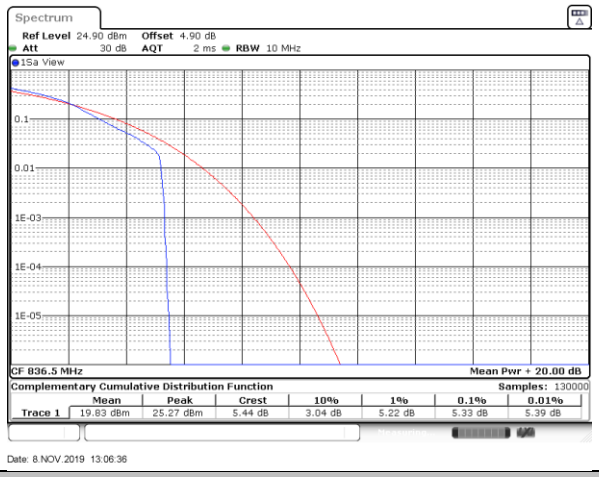
Lowest Channel / 1RB



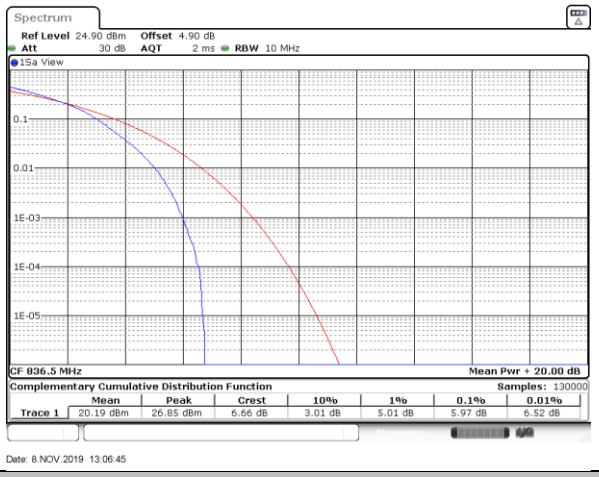
Lowest Channel / Full RB



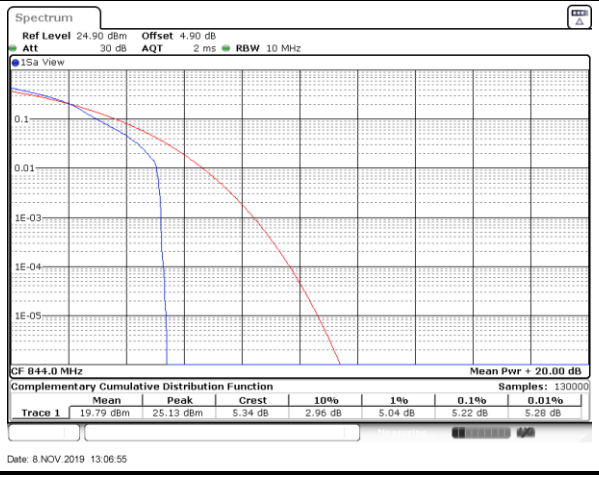
Middle Channel / 1RB



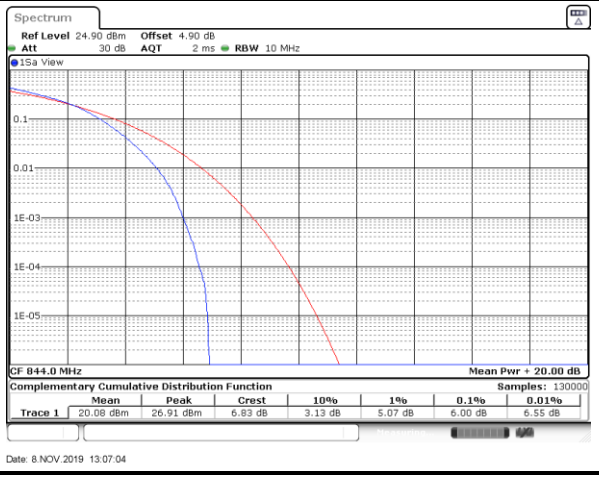
Middle Channel / Full RB



Highest Channel / 1RB



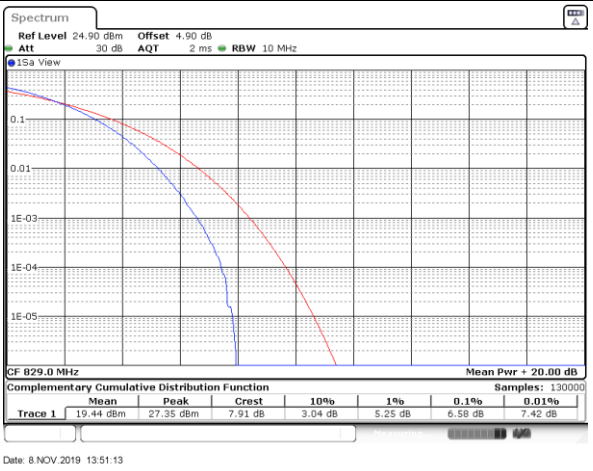
Highest Channel / Full RB



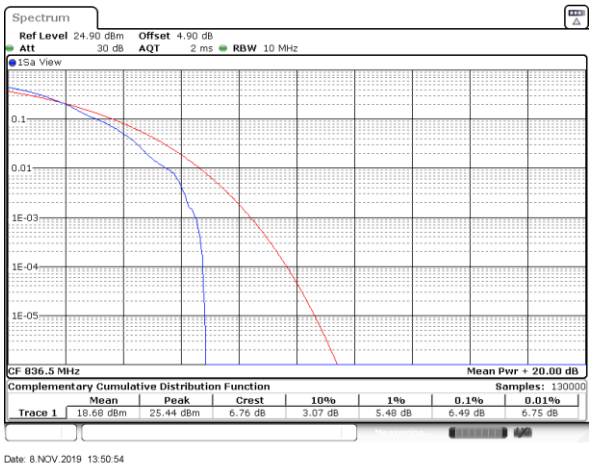
LTE Band 5 / 10MHz / 64QAM

Lowest Channel / 1RB

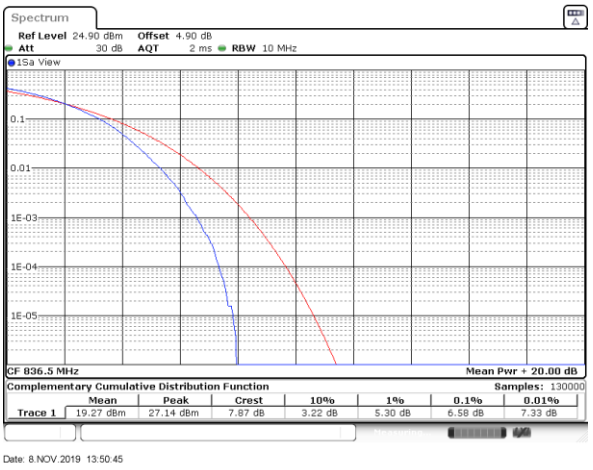
Lowest Channel / Full RB



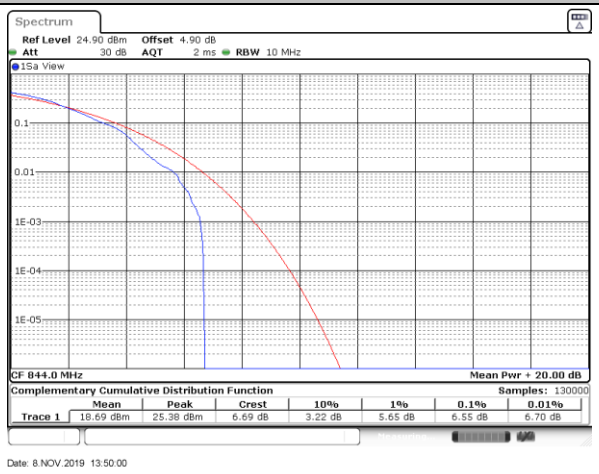
Middle Channel / 1RB



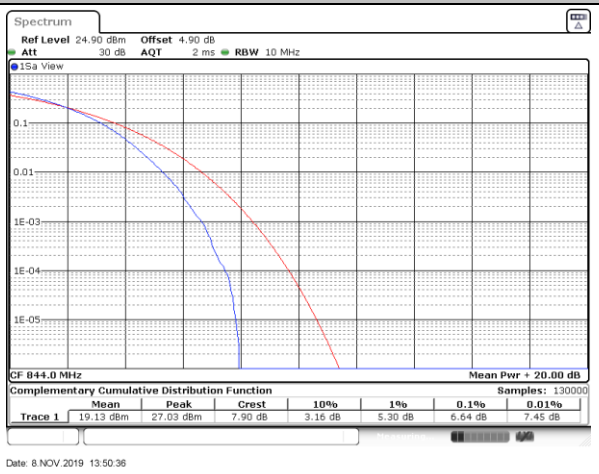
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

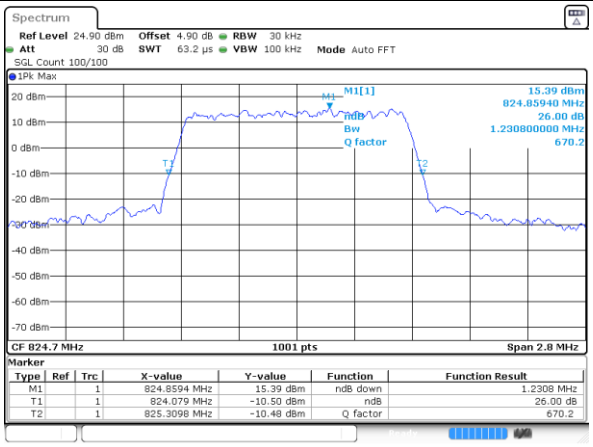


26dB Bandwidth

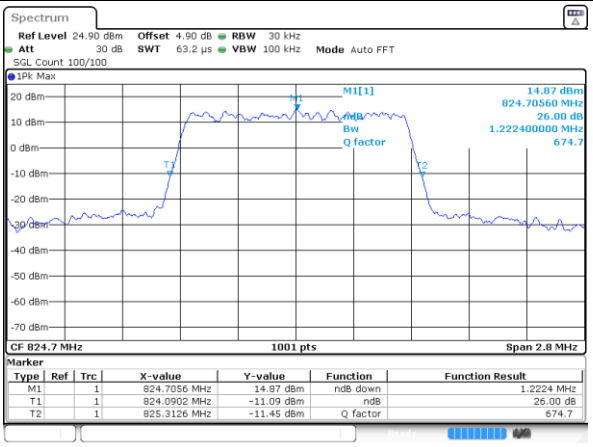
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.231	1.222	3.021	2.991	4.895	4.885	9.85	9.81				
Middle CH	1.234	1.217	2.961	3.045	4.955	4.985	9.77	9.75				
Highest CH	1.231	1.222	3.051	3.009	4.875	4.885	9.87	9.69				
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	1.214		3.003		4.915		9.91					
Middle CH	1.234		3.051		4.845		9.83					
Highest CH	1.225		3.033		4.845		9.75					

LTE Band 5

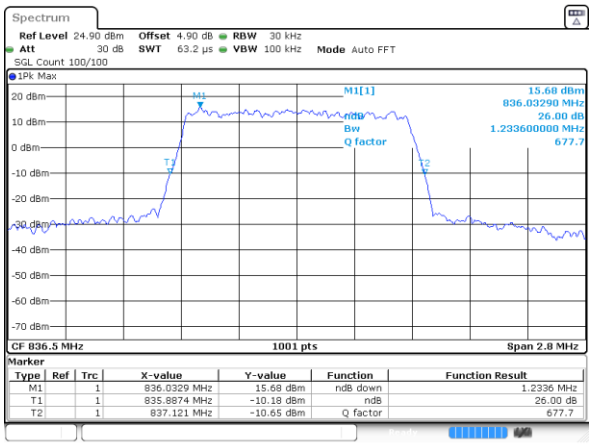
Lowest Channel / 1.4MHz / QPSK



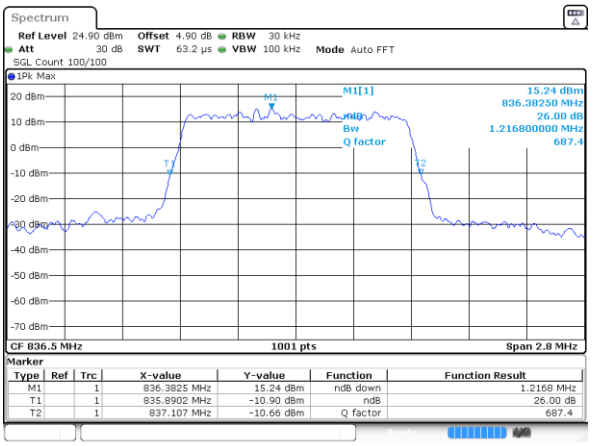
Lowest Channel / 1.4MHz / 16QAM



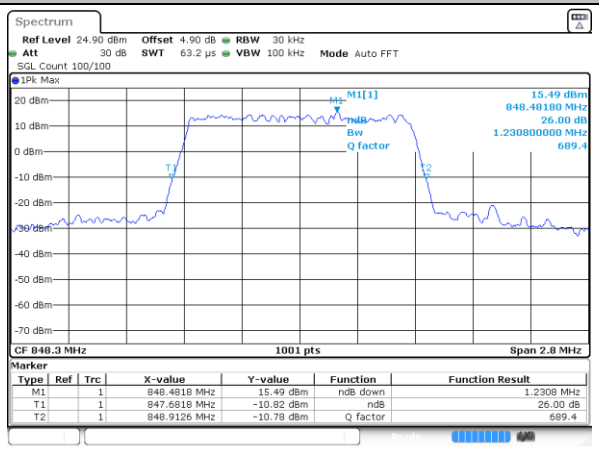
Middle Channel / 1.4MHz / QPSK



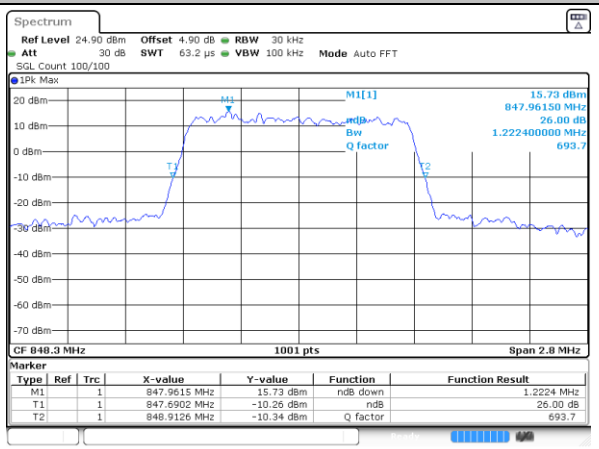
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

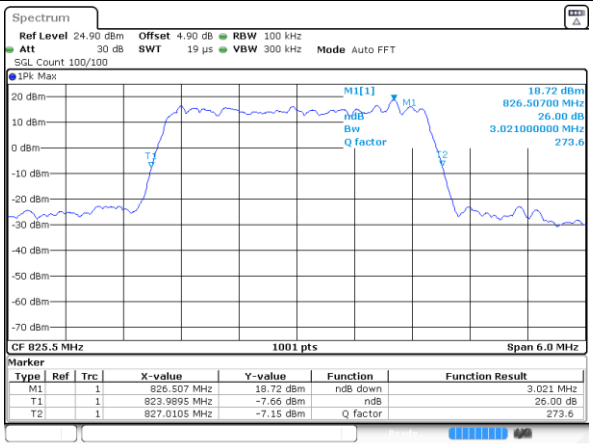


Highest Channel / 1.4MHz / 16QAM

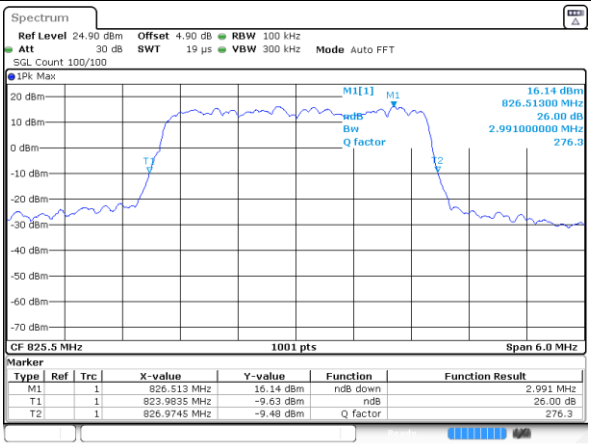


LTE Band 5

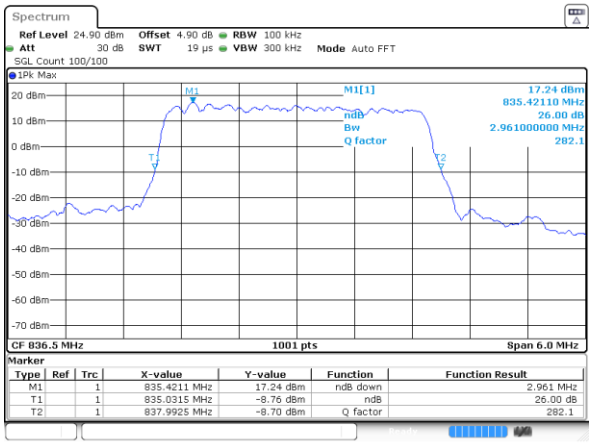
Lowest Channel / 3MHz / QPSK



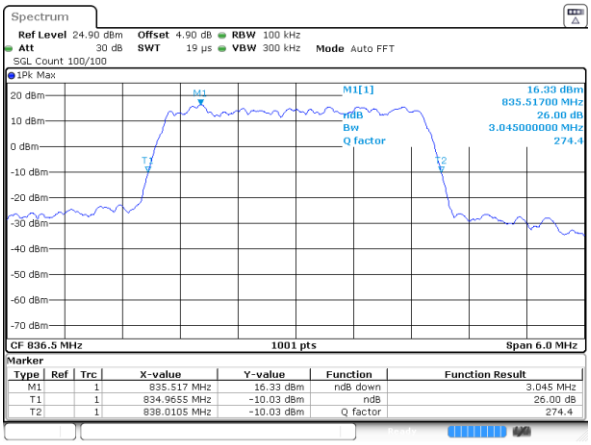
Lowest Channel / 3MHz / 16QAM



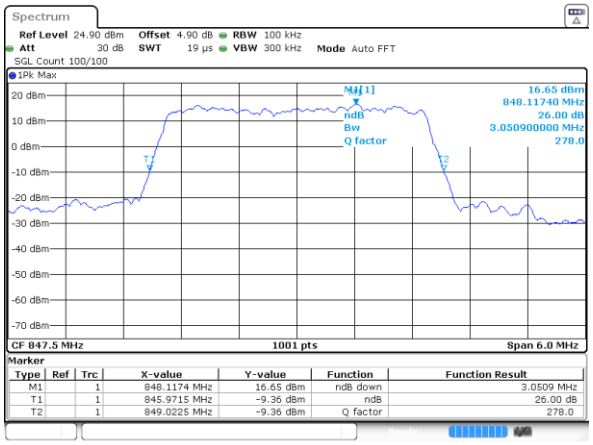
Middle Channel / 3MHz / QPSK



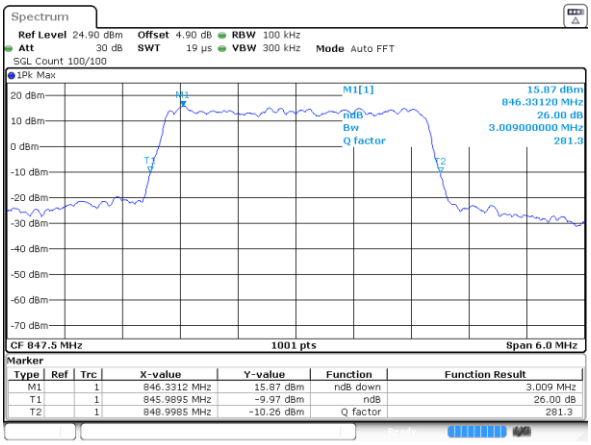
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

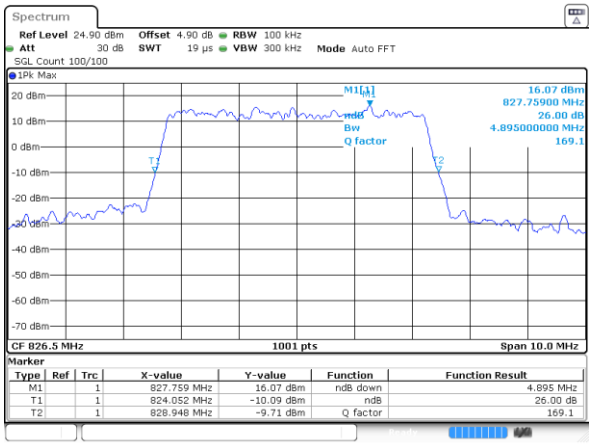


Highest Channel / 3MHz / 16QAM

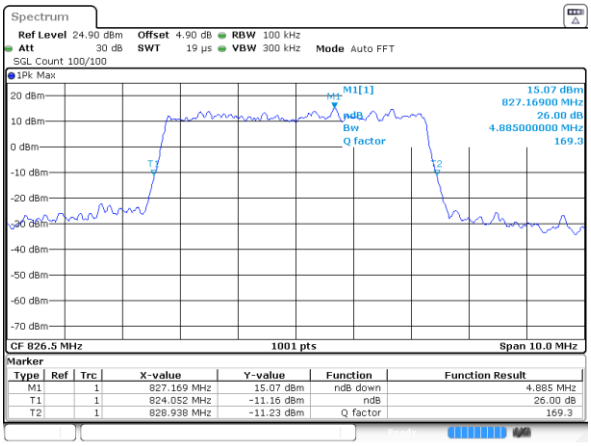


LTE Band 5

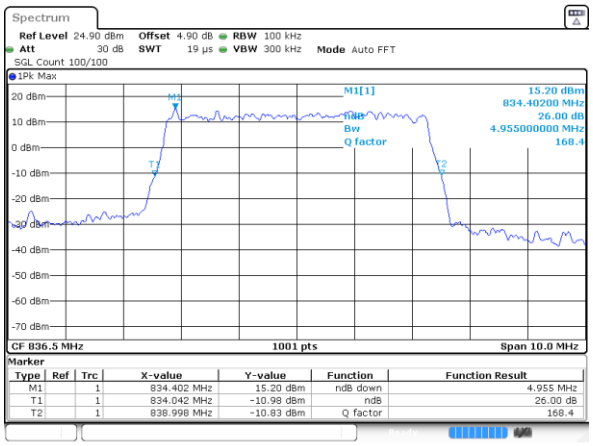
Lowest Channel / 5MHz / QPSK



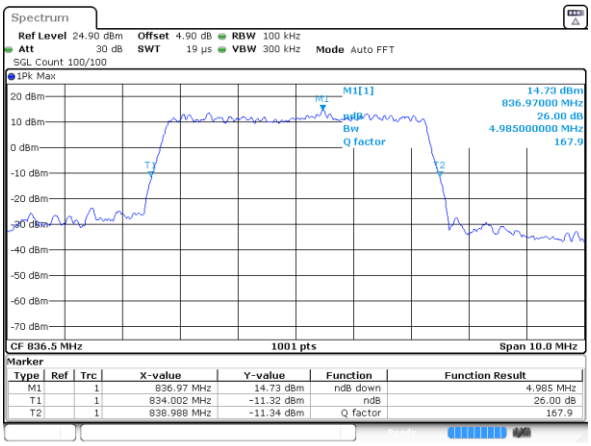
Lowest Channel / 5MHz / 16QAM



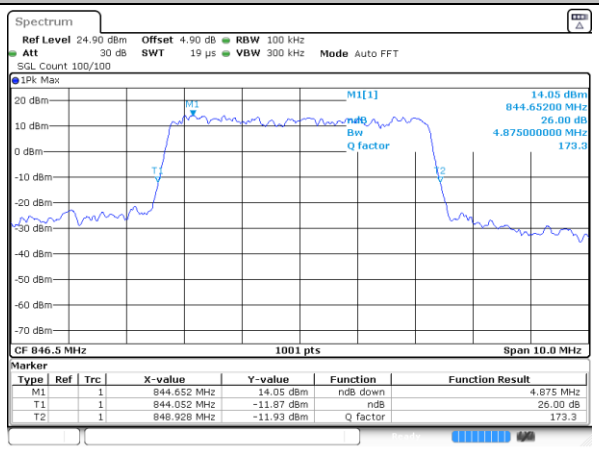
Middle Channel / 5MHz / QPSK



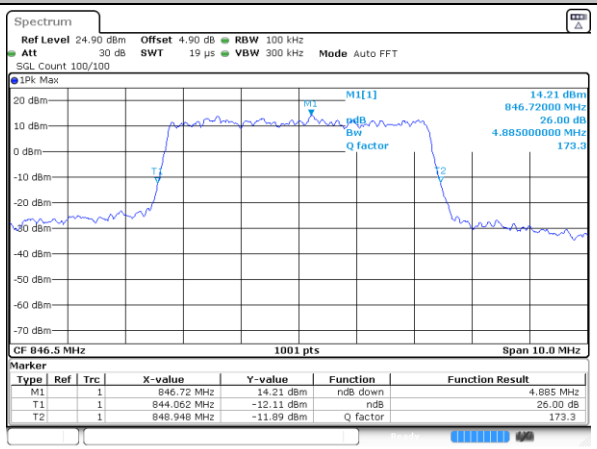
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

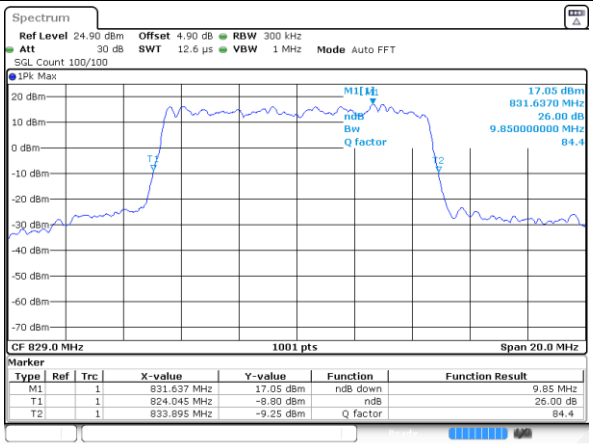


Highest Channel / 5MHz / 16QAM

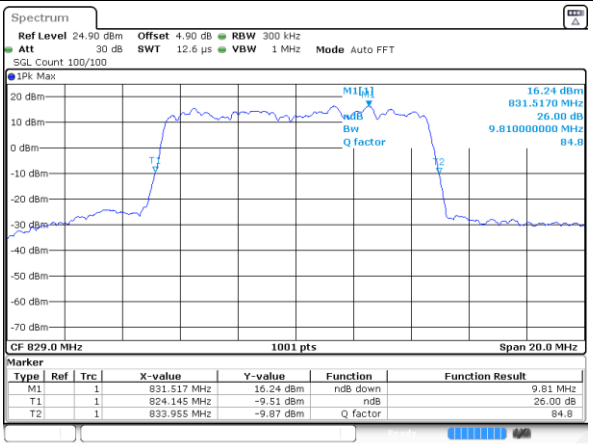


LTE Band 5

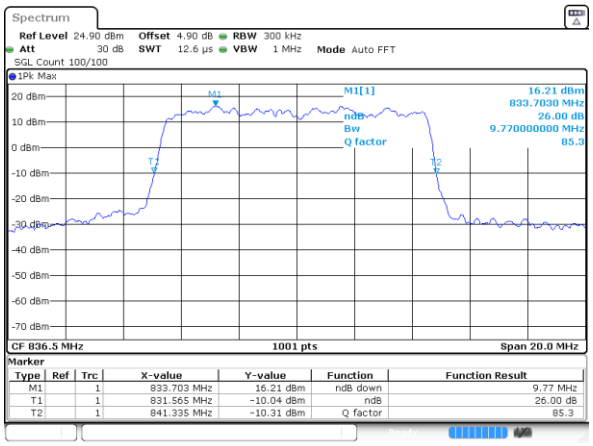
Lowest Channel / 10MHz / QPSK



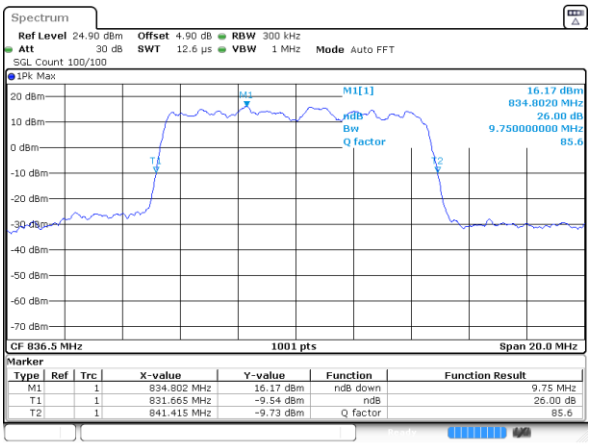
Lowest Channel / 10MHz / 16QAM



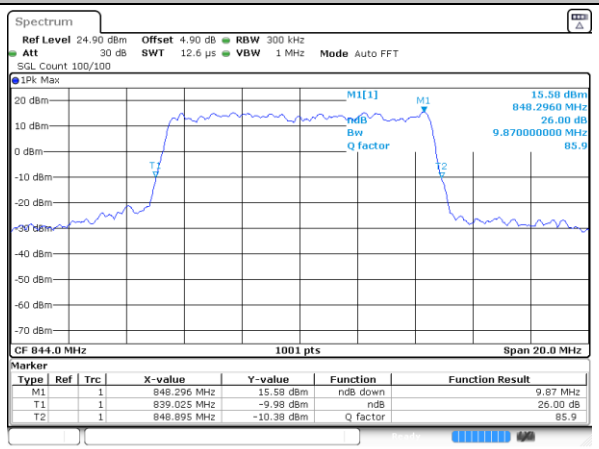
Middle Channel / 10MHz / QPSK



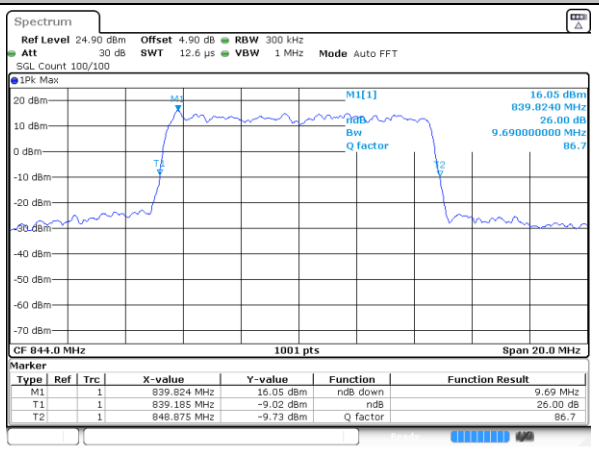
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

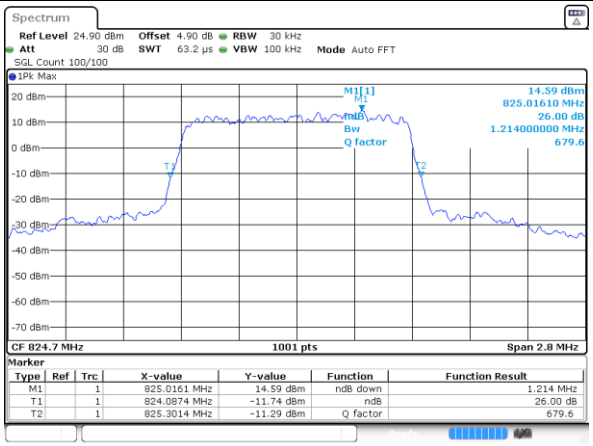


Highest Channel / 10MHz / 16QAM

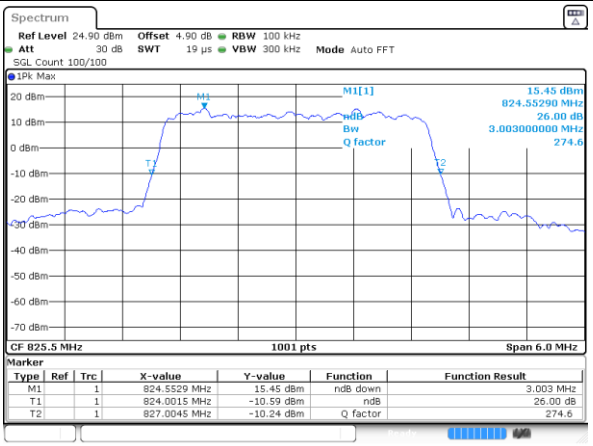


LTE Band 5

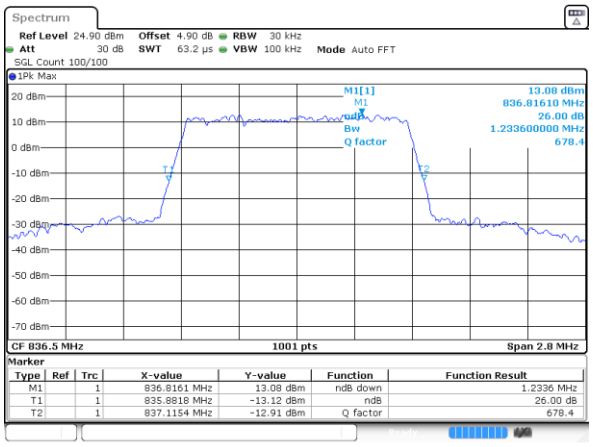
Lowest Channel / 1.4MHz / 64QAM



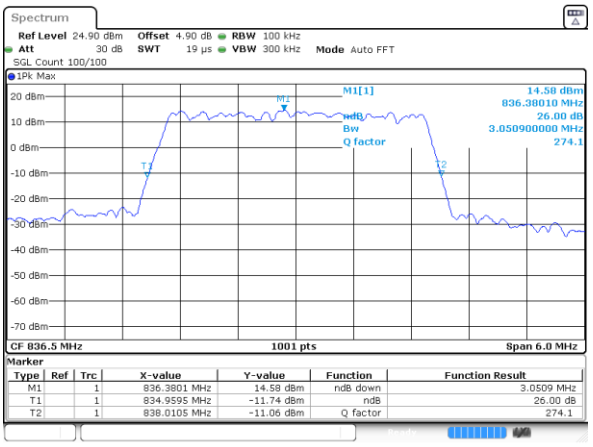
Lowest Channel / 3MHz / 64QAM



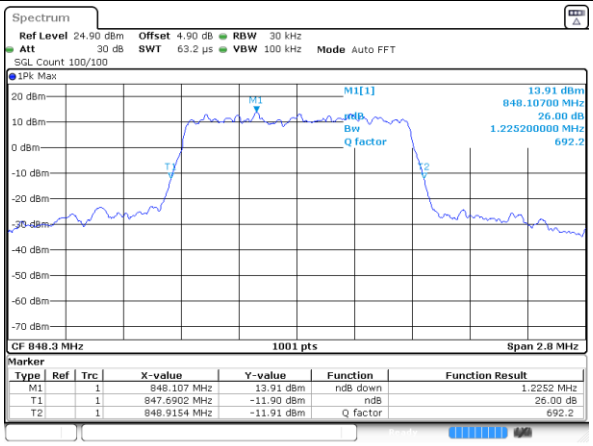
Middle Channel / 1.4MHz / 64QAM



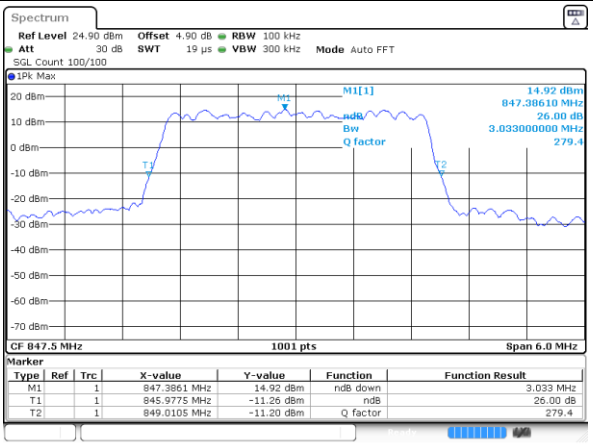
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

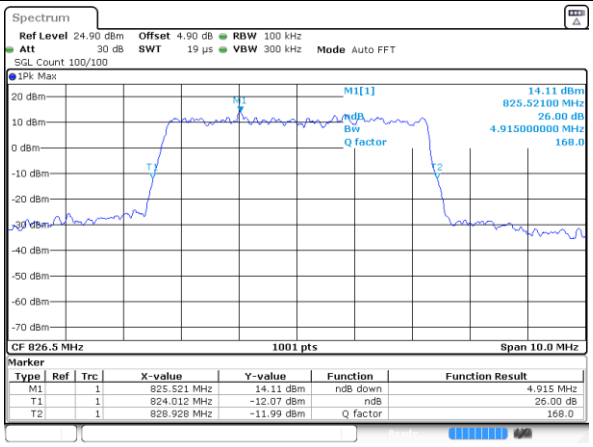


Highest Channel / 3MHz / 64QAM

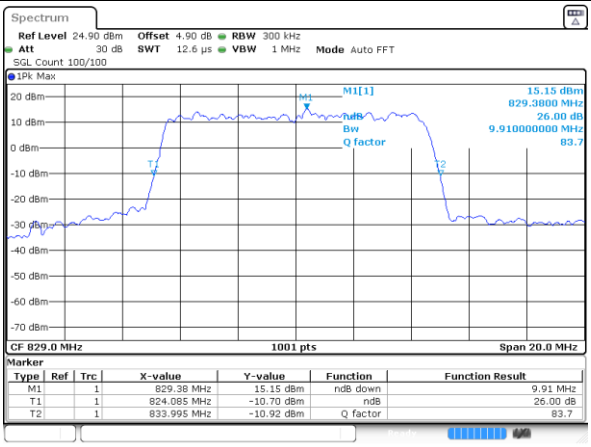


LTE Band 5

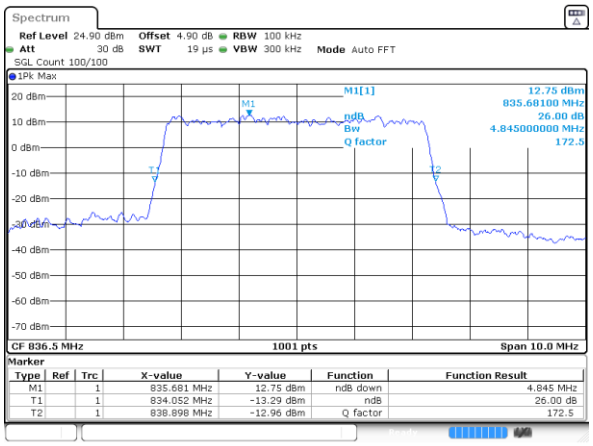
Lowest Channel / 5MHz / 64QAM



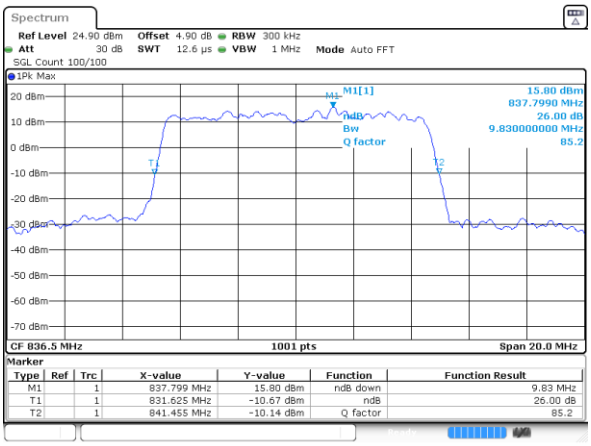
Lowest Channel / 10MHz / 64QAM



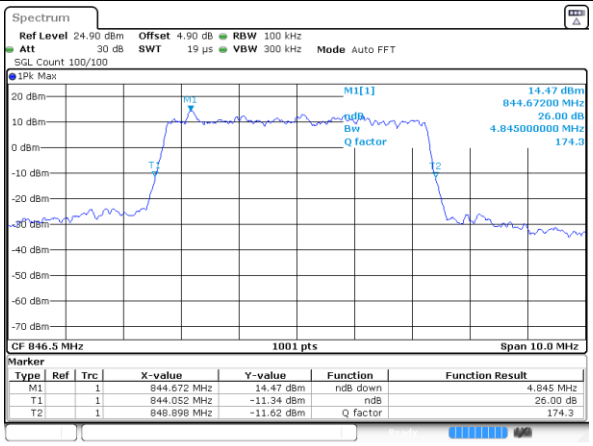
Middle Channel / 5MHz / 64QAM



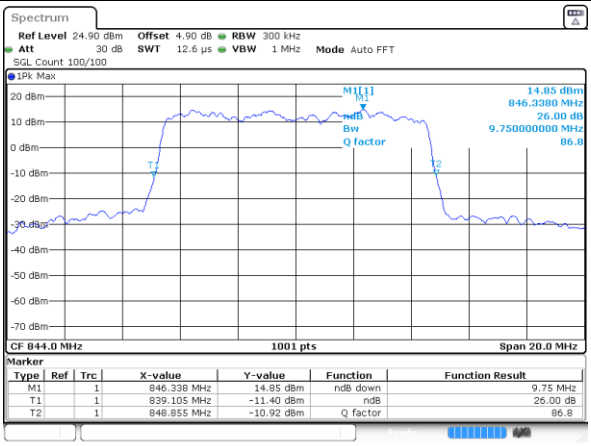
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

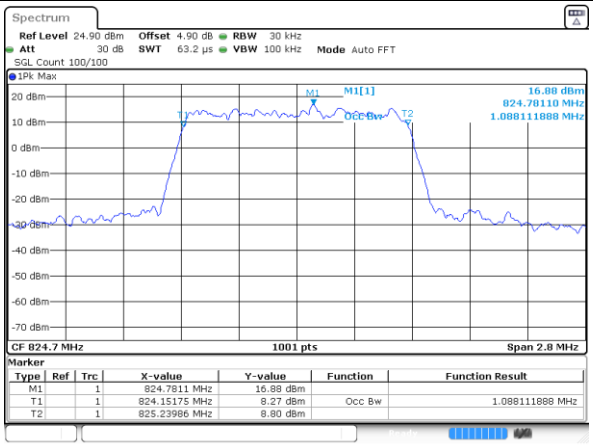


Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.088	1.091	2.727	2.697	4.496	4.496	9.011	8.991				
Middle CH	1.097	1.091	2.727	2.709	4.476	4.515	8.991	8.951				
Highest CH	1.088	1.085	2.709	2.703	4.466	4.496	8.991	8.991				
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.097		2.727		4.476		9.011					
Middle CH	1.094		2.721		4.515		9.071					
Highest CH	1.088		2.733		4.496		9.071					

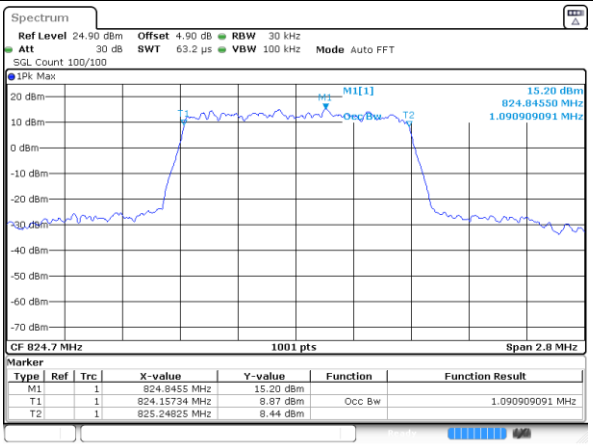
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



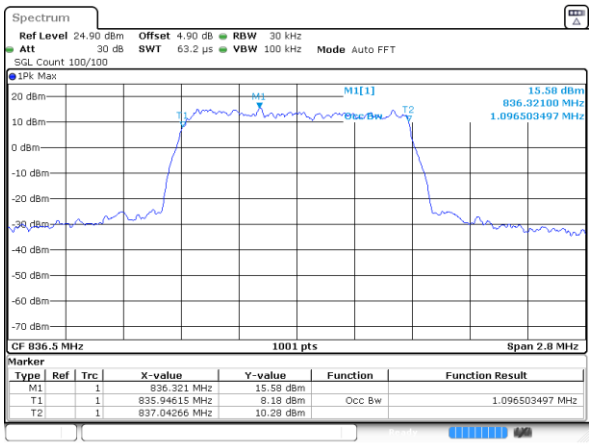
Date: 8.NOV.2019 11:59:31

Lowest Channel / 1.4MHz / 16QAM



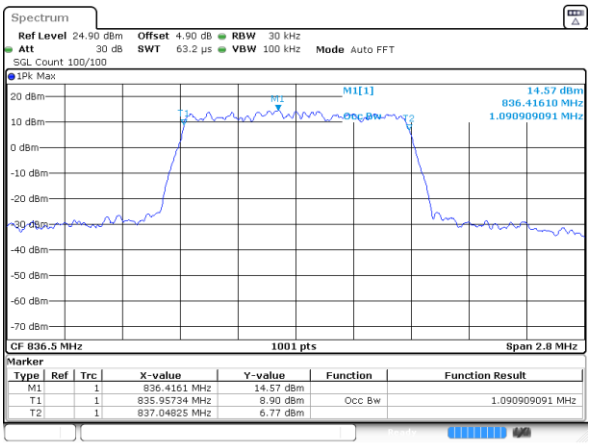
Date: 8.NOV.2019 11:59:42

Middle Channel / 1.4MHz / QPSK



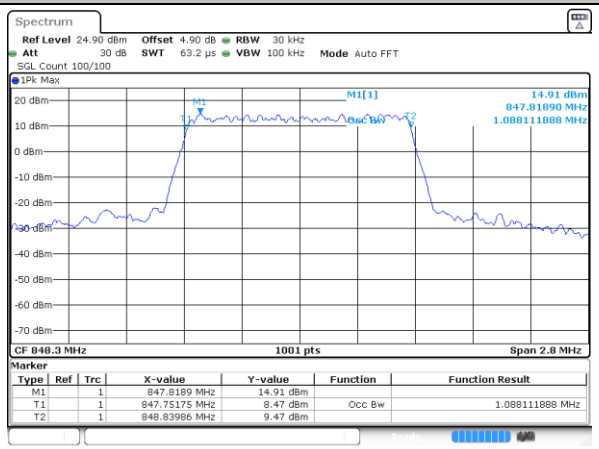
Date: 8.NOV.2019 12:08:30

Middle Channel / 1.4MHz / 16QAM



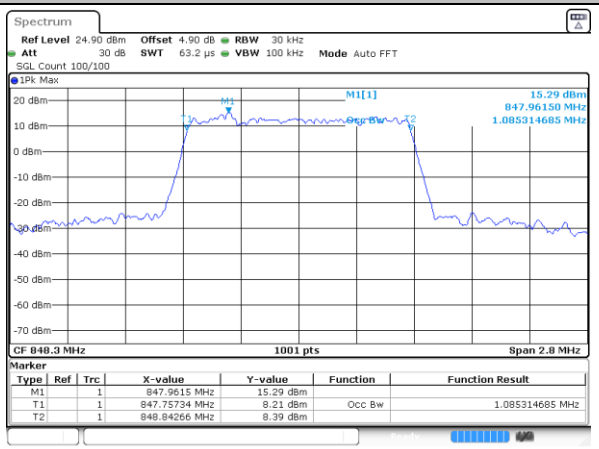
Date: 8.NOV.2019 12:08:40

Highest Channel / 1.4MHz / QPSK



Date: 8.NOV.2019 12:10:58

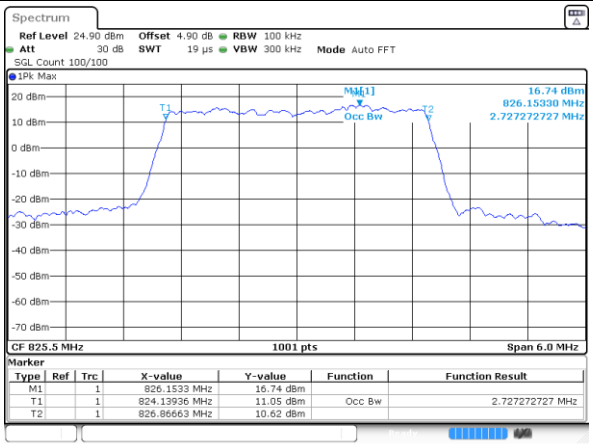
Highest Channel / 1.4MHz / 16QAM



Date: 8.NOV.2019 12:11:09

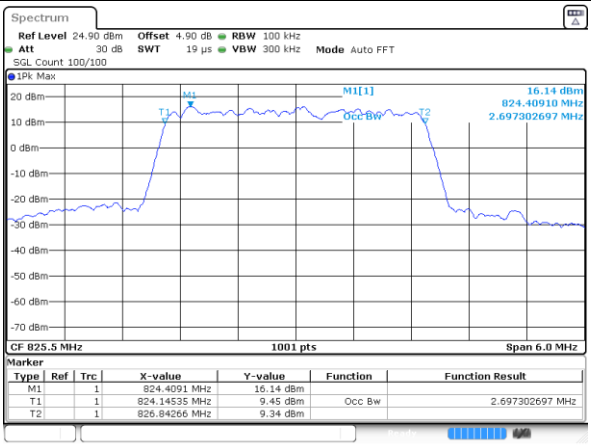
LTE Band 5

Lowest Channel / 3MHz / QPSK



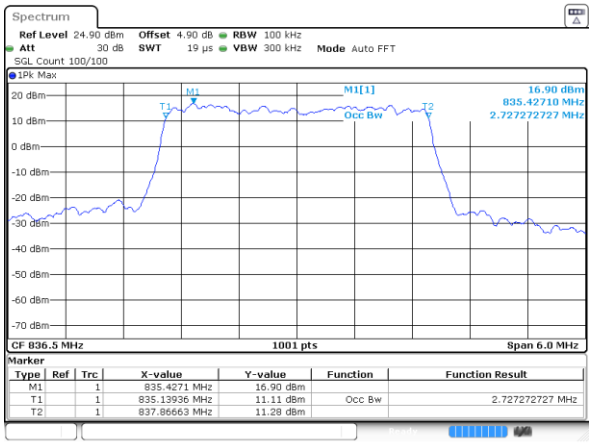
Date: 8.NOV.2019 12:19:57

Lowest Channel / 3MHz / 16QAM



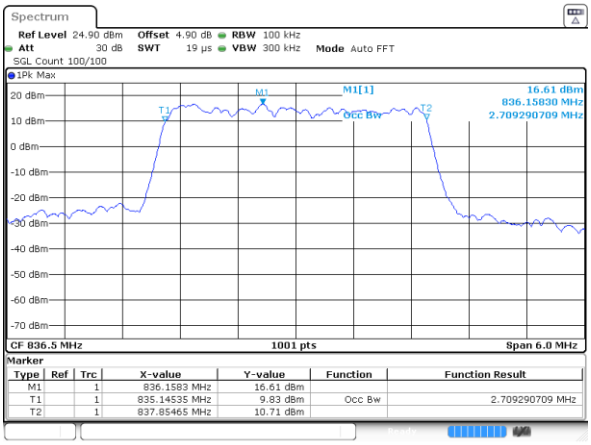
Date: 8.NOV.2019 12:20:07

Middle Channel / 3MHz / QPSK



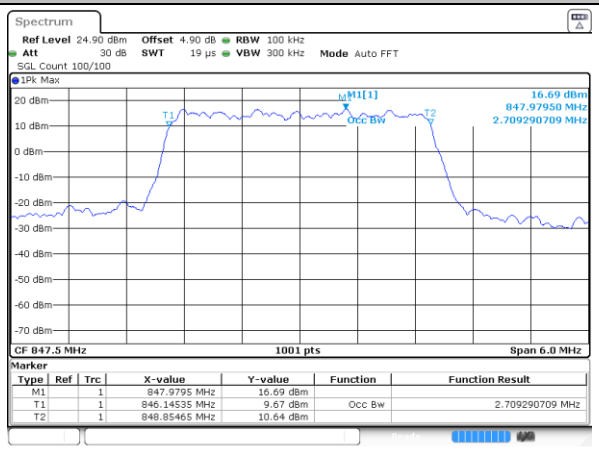
Date: 8.NOV.2019 14:21:06

Middle Channel / 3MHz / 16QAM



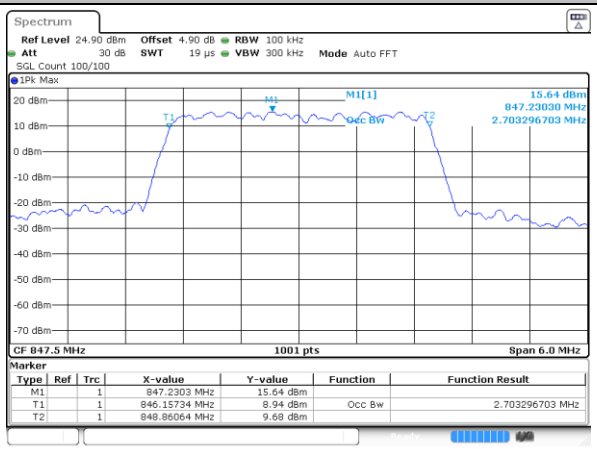
Date: 8.NOV.2019 14:21:25

Highest Channel / 3MHz / QPSK



Date: 8.NOV.2019 14:22:25

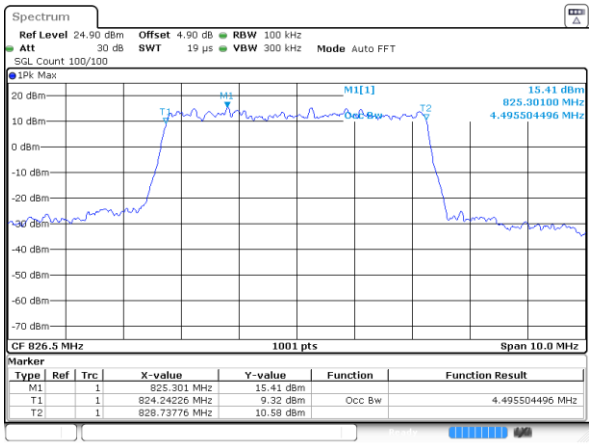
Highest Channel / 3MHz / 16QAM



Date: 8.NOV.2019 14:22:05

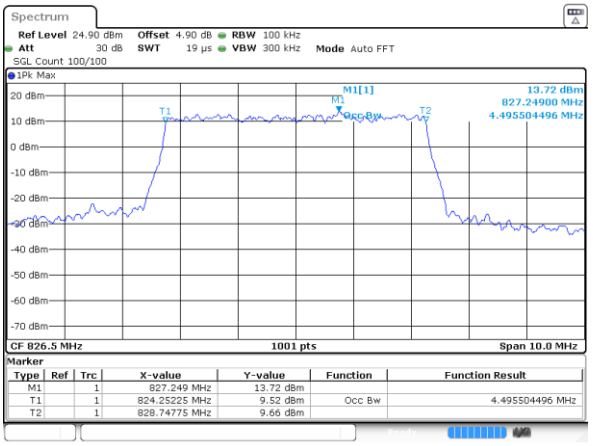
LTE Band 5

Lowest Channel / 5MHz / QPSK



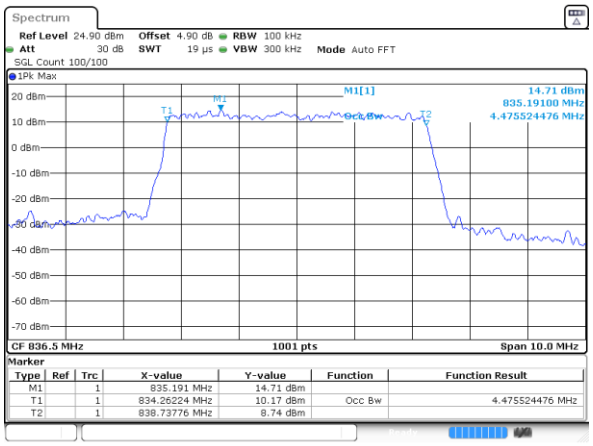
Date: 8.NOV.2019 14:33:08

Lowest Channel / 5MHz / 16QAM



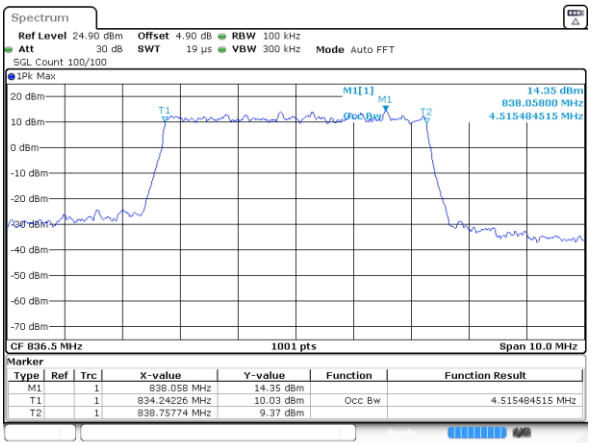
Date: 8.NOV.2019 14:32:40

Middle Channel / 5MHz / QPSK



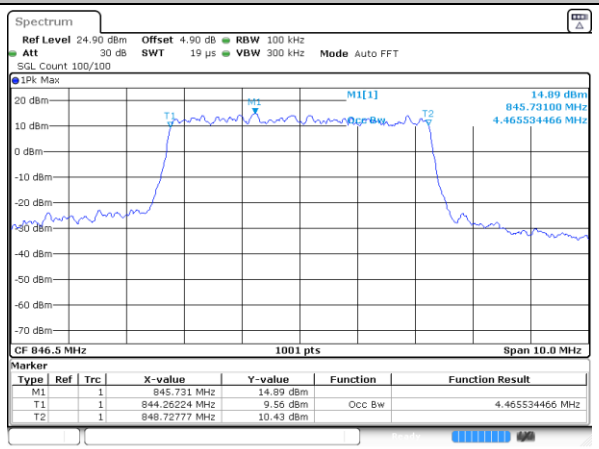
Date: 8.NOV.2019 12:21:32

Middle Channel / 5MHz / 16QAM



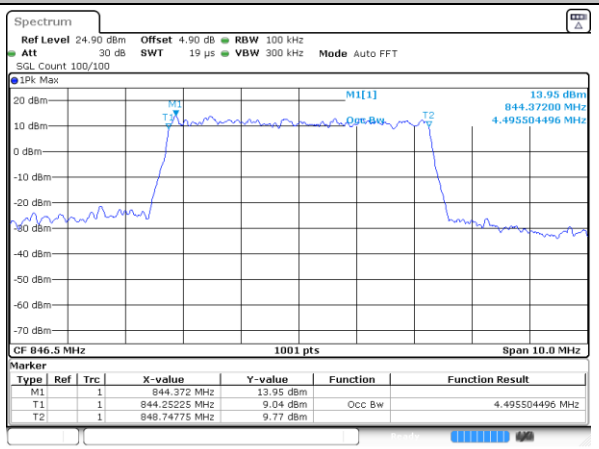
Date: 8.NOV.2019 12:21:42

Highest Channel / 5MHz / QPSK



Date: 8.NOV.2019 12:24:00

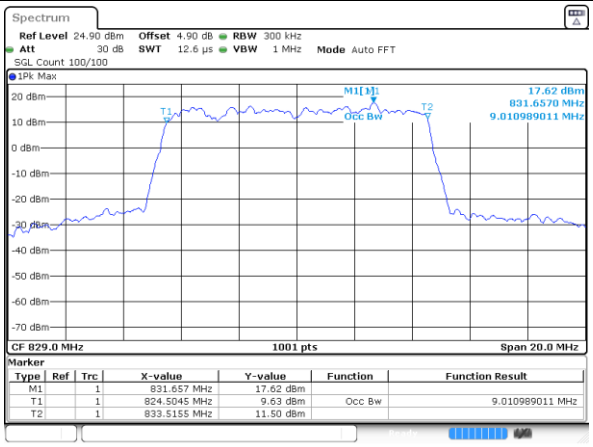
Highest Channel / 5MHz / 16QAM



Date: 8.NOV.2019 12:24:10

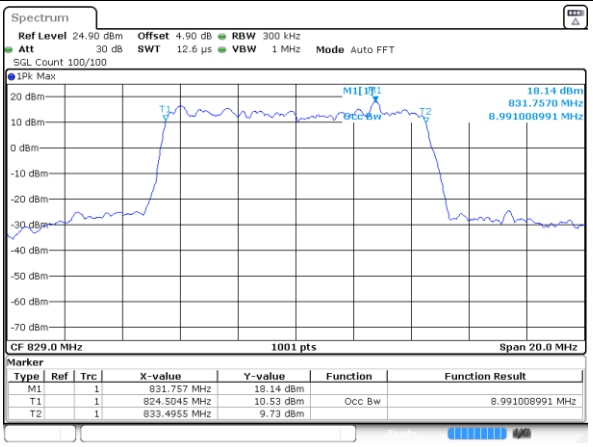
LTE Band 5

Lowest Channel / 10MHz / QPSK



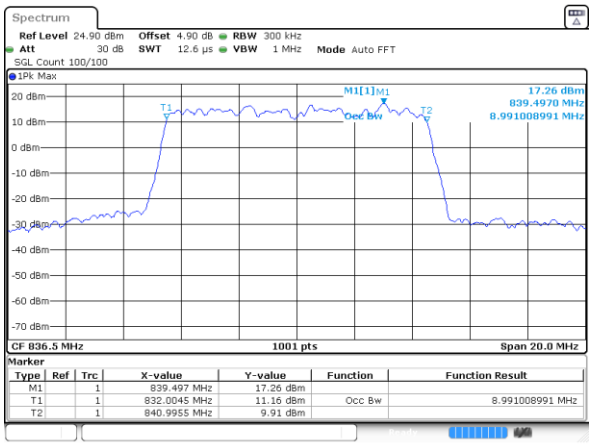
Date: 8.NOV.2019 12:32:58

Lowest Channel / 10MHz / 16QAM



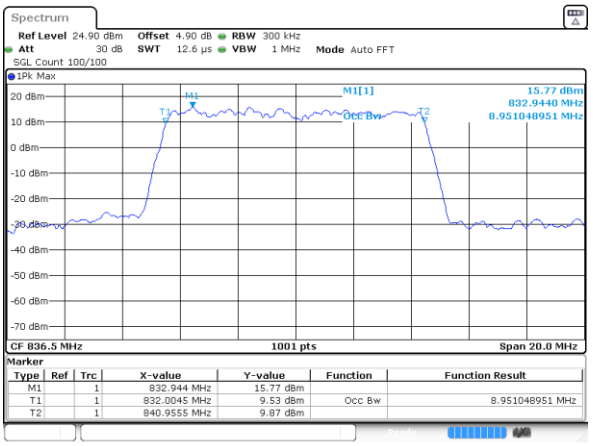
Date: 8.NOV.2019 12:33:08

Middle Channel / 10MHz / QPSK



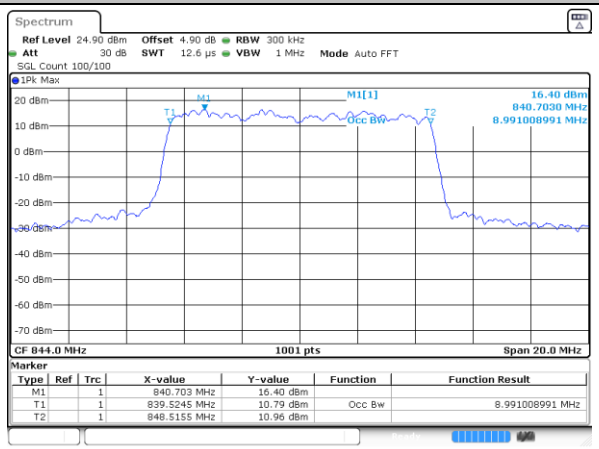
Date: 8.NOV.2019 12:41:56

Middle Channel / 10MHz / 16QAM



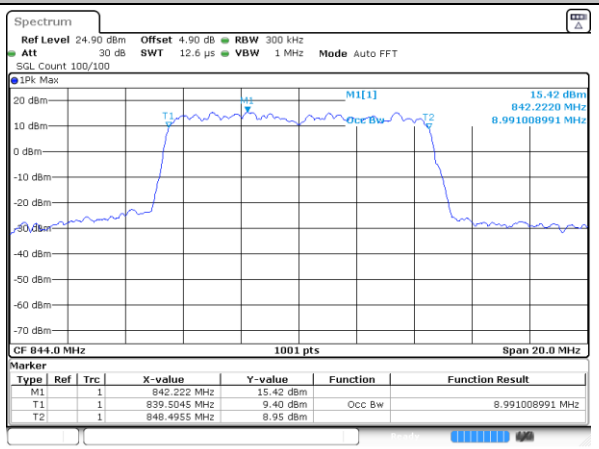
Date: 8.NOV.2019 12:42:06

Highest Channel / 10MHz / QPSK



Date: 8.NOV.2019 12:44:25

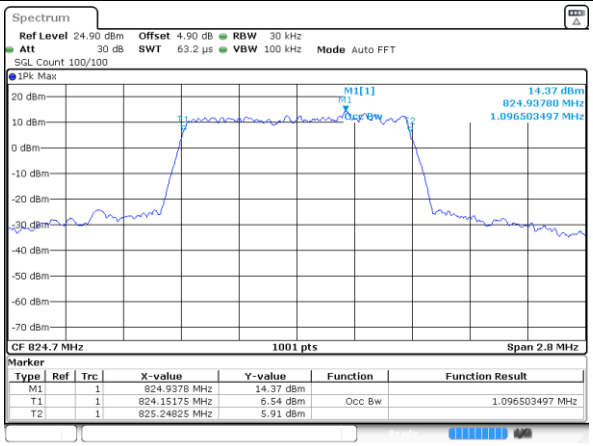
Highest Channel / 10MHz / 16QAM



Date: 8.NOV.2019 12:44:35

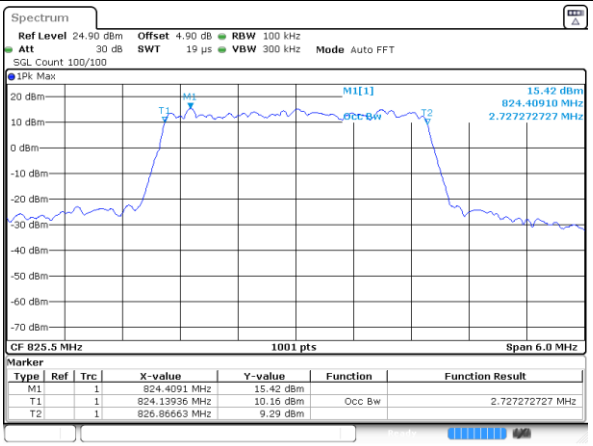
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



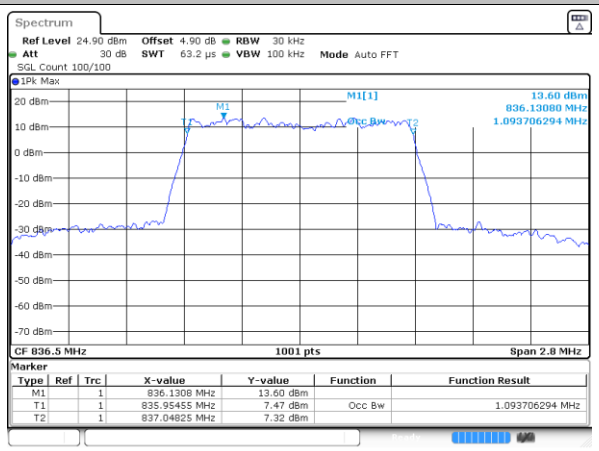
Date: 8.NOV.2019 13:07:26

Lowest Channel / 3MHz / 64QAM



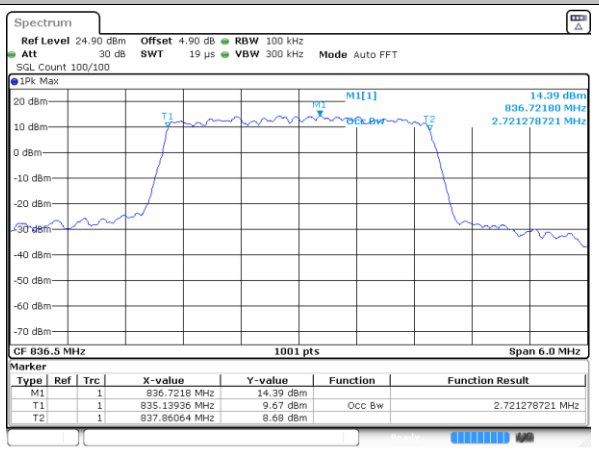
Date: 8.NOV.2019 13:17:39

Middle Channel / 1.4MHz / 64QAM



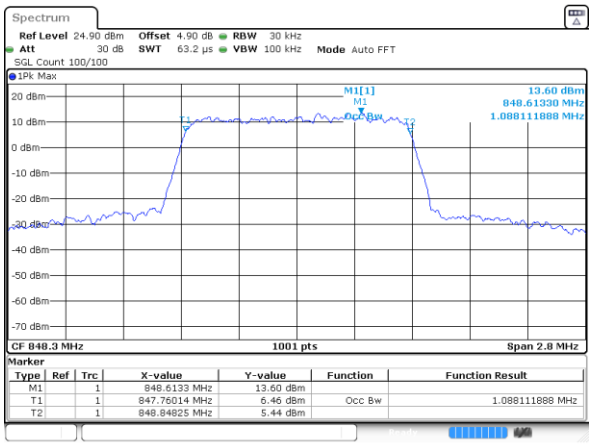
Date: 8.NOV.2019 13:12:50

Middle Channel / 3MHz / 64QAM



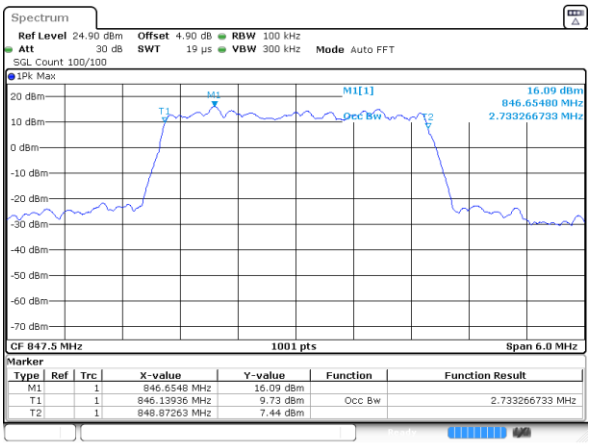
Date: 8.NOV.2019 13:23:04

Highest Channel / 1.4MHz / 64QAM



Date: 8.NOV.2019 13:13:10

Highest Channel / 3MHz / 64QAM



Date: 8.NOV.2019 13:23:24