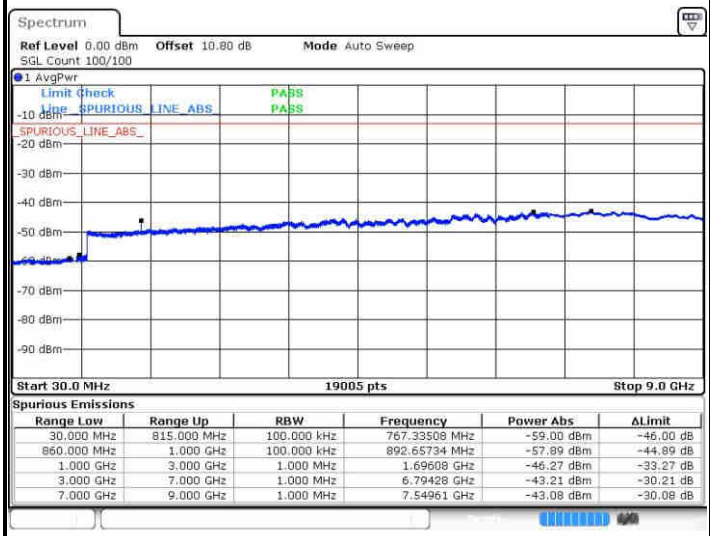
LTE Band 26 / 1.4MHz

Highest Channel / QPSK

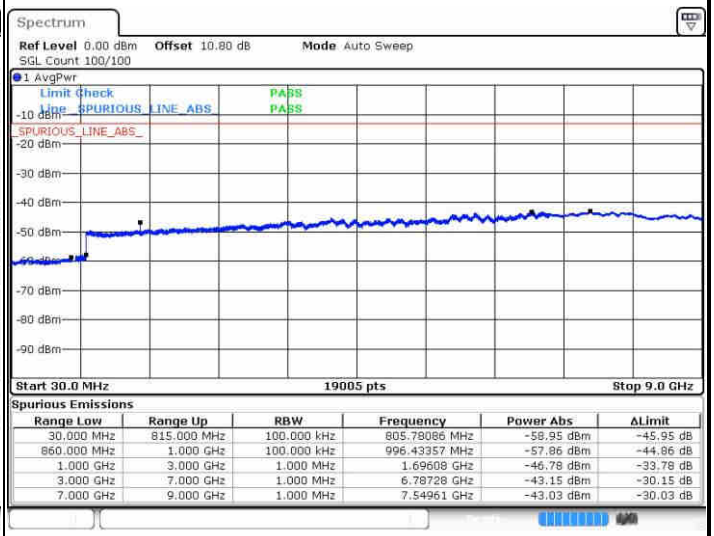


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	767.33508 MHz	-59.00 dBm	-46.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.65734 MHz	-57.89 dBm	-44.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79428 GHz	-43.21 dBm	-30.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54961 GHz	-43.08 dBm	-30.08 dB

Date: 8.APR.2019 09:22:34

Highest Channel / 16QAM



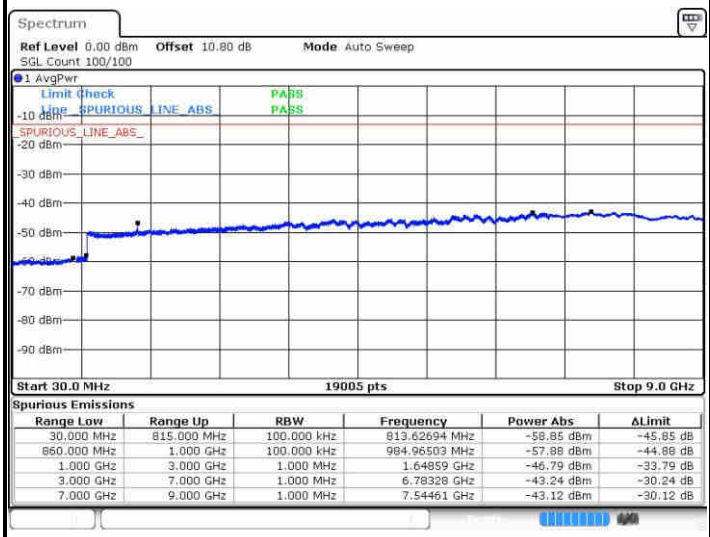
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	805.78086 MHz	-58.95 dBm	-45.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.43357 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.78 dBm	-33.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78728 GHz	-43.15 dBm	-30.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54961 GHz	-43.03 dBm	-30.03 dB

Date: 8.APR.2019 09:23:15

LTE Band 26 / 3MHz

Lowest Channel / QPSK

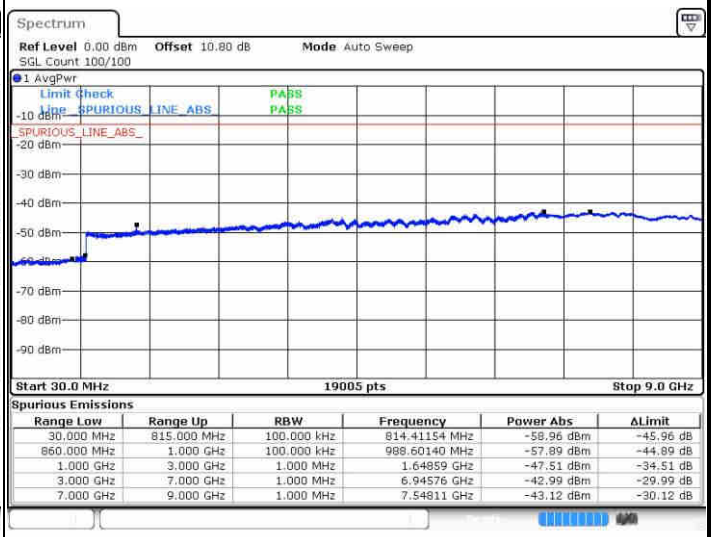


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-58.85 dBm	-45.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.96503 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78328 GHz	-43.24 dBm	-30.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54461 GHz	-43.12 dBm	-30.12 dB

Date: 8.APR.2019 10:10:44

Lowest Channel / 16QAM



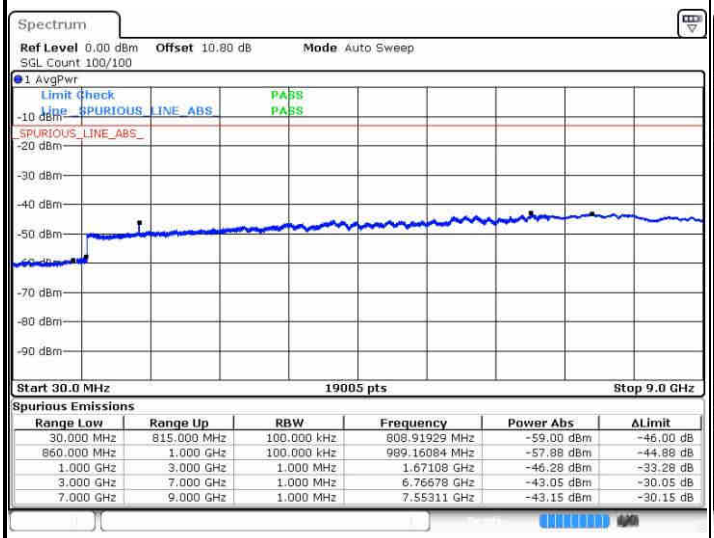
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.96 dBm	-45.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.60140 MHz	-57.89 dBm	-44.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-42.99 dBm	-29.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54811 GHz	-43.12 dBm	-30.12 dB

Date: 8.APR.2019 10:11:25

LTE Band 26 / 3MHz

Middle Channel / QPSK

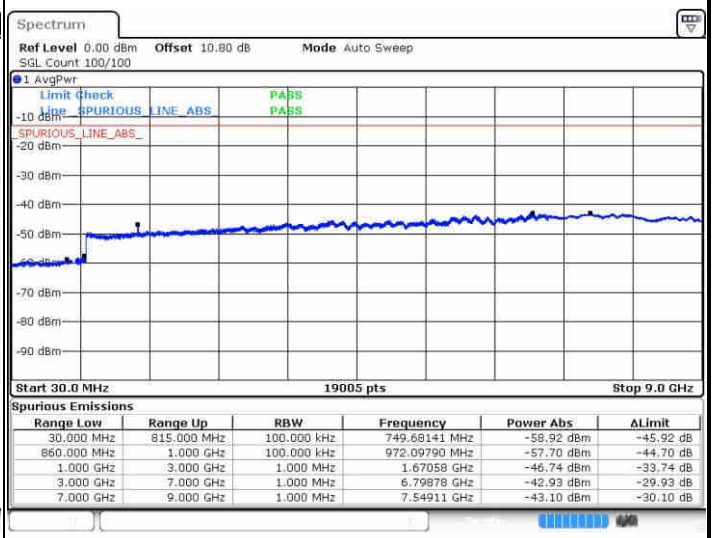


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-59.00 dBm	-46.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	989.16084 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76678 GHz	-43.05 dBm	-30.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55311 GHz	-43.15 dBm	-30.15 dB

Date: 8.APR.2019 10:12:56

Middle Channel / 16QAM

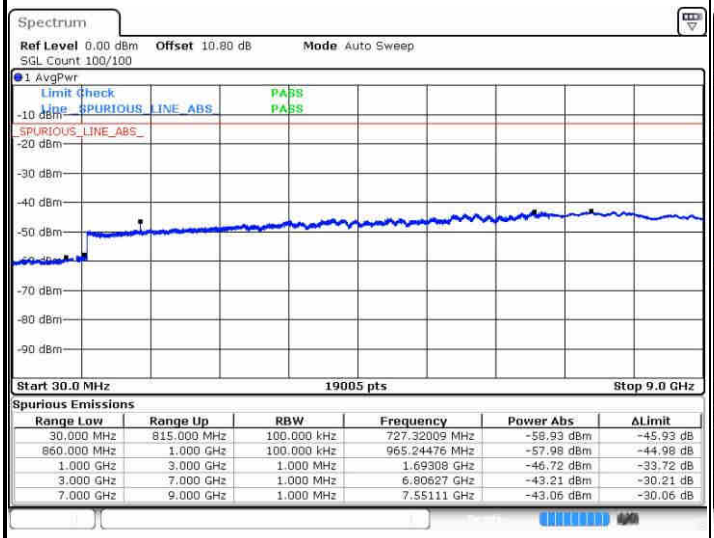


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	749.68141 MHz	-58.92 dBm	-45.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	972.09790 MHz	-57.70 dBm	-44.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-42.93 dBm	-29.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54911 GHz	-43.10 dBm	-30.10 dB

Date: 8.APR.2019 10:13:37

Highest Channel / QPSK

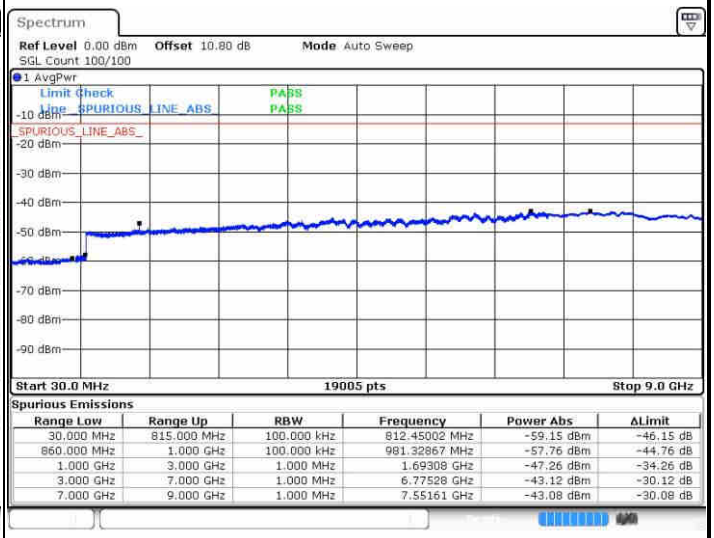


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	727.32009 MHz	-58.93 dBm	-45.93 dB
860.000 MHz	1.000 GHz	100.000 kHz	965.24476 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80627 GHz	-43.21 dBm	-30.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-43.06 dBm	-30.06 dB

Date: 8.APR.2019 10:18:55

Highest Channel / 16QAM



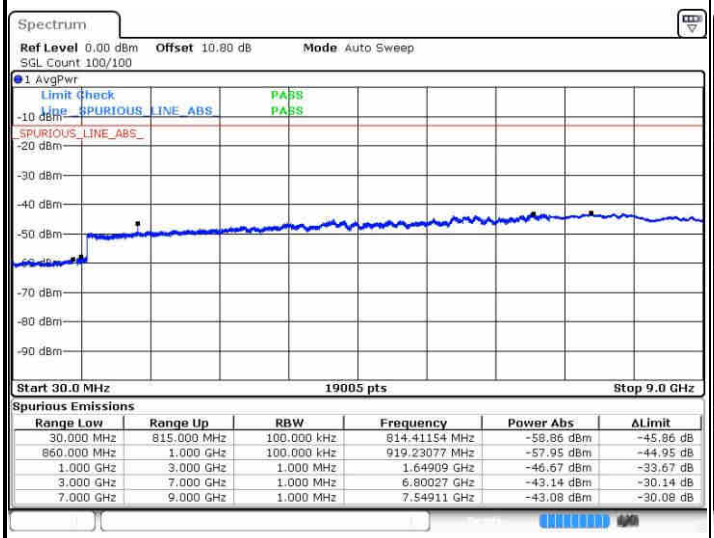
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-59.15 dBm	-46.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	981.32867 MHz	-57.76 dBm	-44.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77528 GHz	-43.12 dBm	-30.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-43.08 dBm	-30.08 dB

Date: 8.APR.2019 10:19:36

LTE Band 26 / 5MHz

Lowest Channel / QPSK

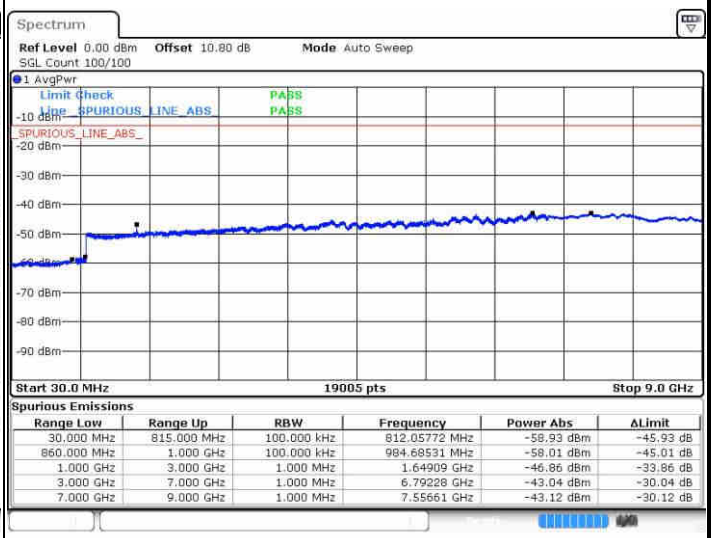


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.86 dBm	-45.86 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.23077 MHz	-57.95 dBm	-44.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.67 dBm	-33.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80027 GHz	-43.14 dBm	-30.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54911 GHz	-43.08 dBm	-30.08 dB

Date: 8.APR.2019 10:24:51

Lowest Channel / 16QAM

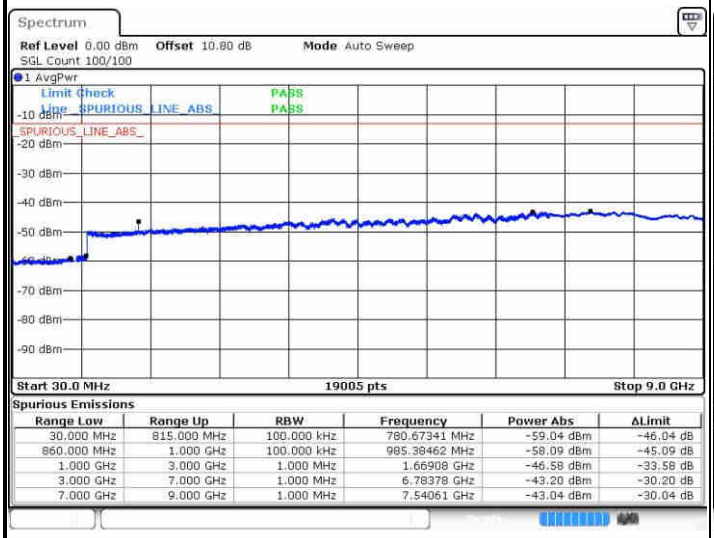


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.05772 MHz	-58.93 dBm	-45.93 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.68531 MHz	-58.01 dBm	-45.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79228 GHz	-43.04 dBm	-30.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55661 GHz	-43.12 dBm	-30.12 dB

Date: 8.APR.2019 10:25:32

Middle Channel / QPSK

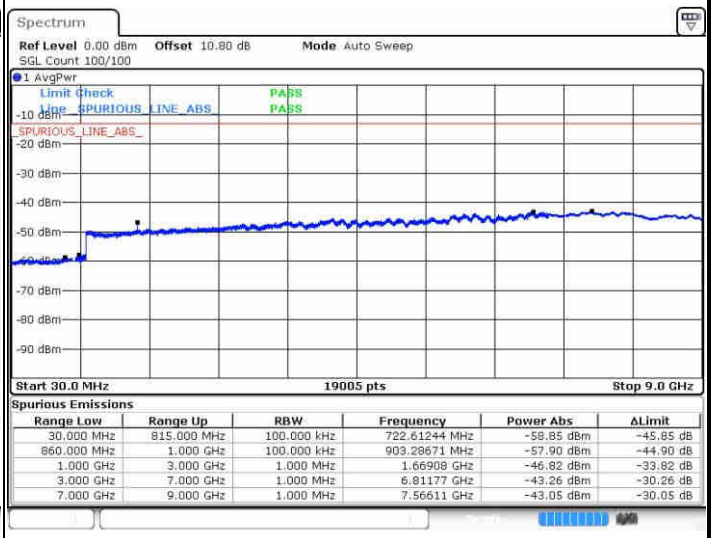


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	780.67341 MHz	-59.04 dBm	-46.04 dB
860.000 MHz	1.000 GHz	100.000 kHz	985.38462 MHz	-58.09 dBm	-45.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78378 GHz	-43.20 dBm	-30.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54061 GHz	-43.04 dBm	-30.04 dB

Date: 8.APR.2019 10:27:03

Middle Channel / 16QAM



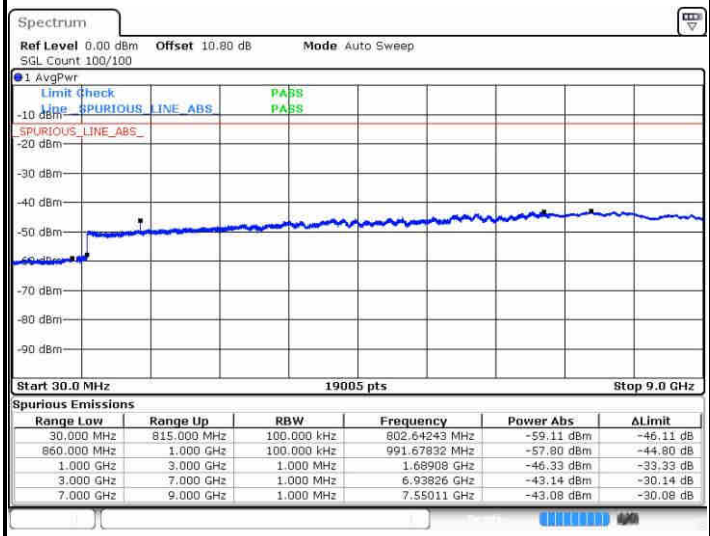
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	722.61244 MHz	-58.85 dBm	-45.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	903.28671 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81177 GHz	-43.26 dBm	-30.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56611 GHz	-43.05 dBm	-30.05 dB

Date: 8.APR.2019 10:27:44

LTE Band 26 / 5MHz

Highest Channel / QPSK

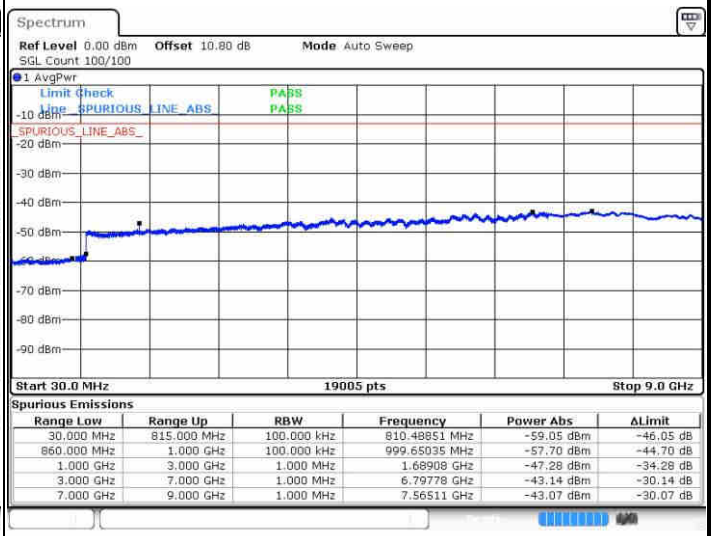


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	802.64243 MHz	-59.11 dBm	-46.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	991.67832 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.33 dBm	-33.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-43.14 dBm	-30.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-43.08 dBm	-30.08 dB

Date: 8.APR.2019 10:32:58

Highest Channel / 16QAM



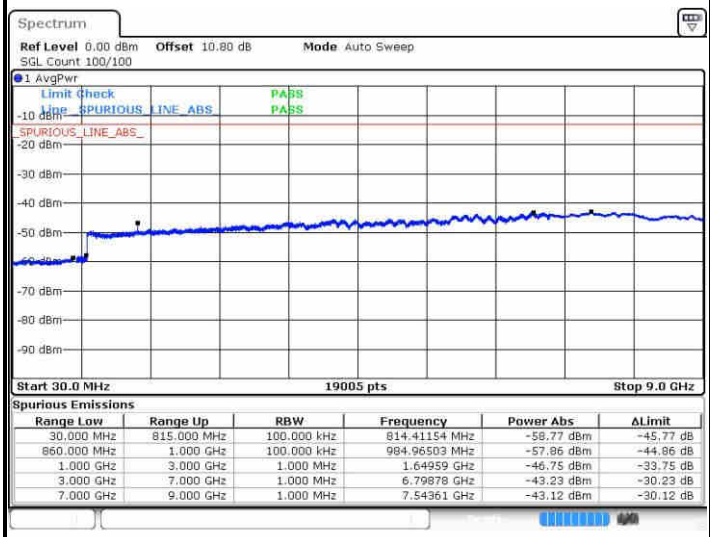
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-59.05 dBm	-46.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.65035 MHz	-57.70 dBm	-44.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79778 GHz	-43.14 dBm	-30.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56511 GHz	-43.07 dBm	-30.07 dB

Date: 8.APR.2019 10:33:39

LTE Band 26 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.77 dBm	-45.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.96503 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-43.23 dBm	-30.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54361 GHz	-43.12 dBm	-30.12 dB

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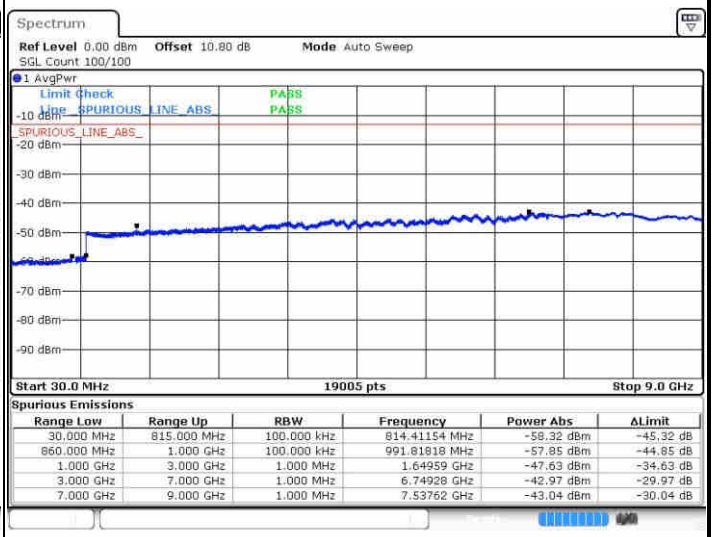
Lowest Channel / 16QAM



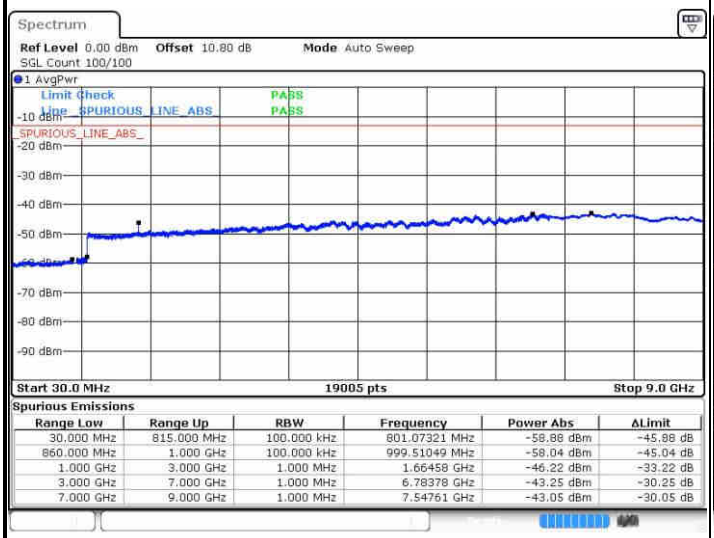
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.32 dBm	-45.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	991.81818 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-47.63 dBm	-34.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74928 GHz	-42.97 dBm	-29.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53762 GHz	-43.04 dBm	-30.04 dB

Date: 8.APR.2019 10:39:36

LTE Band 26 / 10MHz

Middle Channel / QPSK

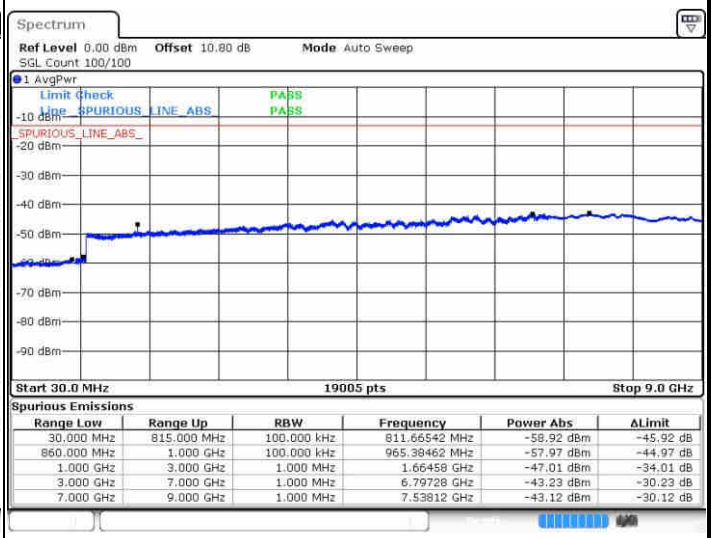


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.07321 MHz	-58.88 dBm	-45.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.51049 MHz	-58.04 dBm	-45.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78378 GHz	-43.25 dBm	-30.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54761 GHz	-43.05 dBm	-30.05 dB

Date: 8.APR.2019 10:41:06

Middle Channel / 16QAM

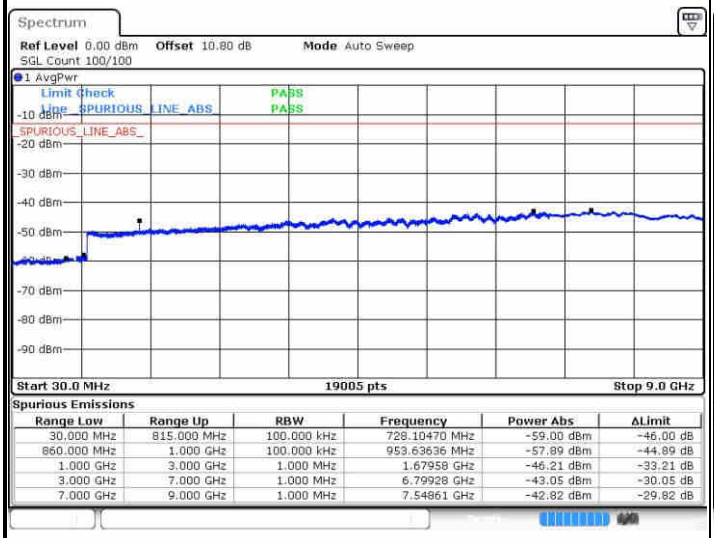


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.66542 MHz	-58.92 dBm	-45.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	965.38462 MHz	-57.97 dBm	-44.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79728 GHz	-43.23 dBm	-30.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53812 GHz	-43.12 dBm	-30.12 dB

Date: 8.APR.2019 10:41:48

Highest Channel / QPSK

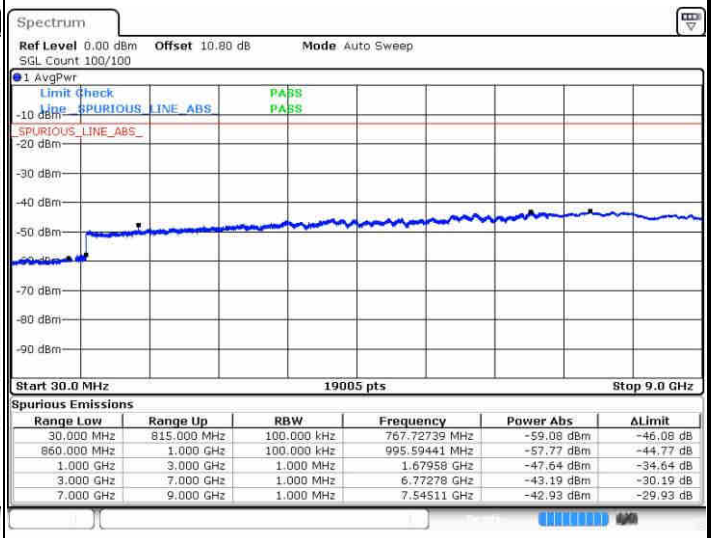


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	728.10470 MHz	-59.00 dBm	-46.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	953.63636 MHz	-57.89 dBm	-44.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.21 dBm	-33.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79928 GHz	-43.05 dBm	-30.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54861 GHz	-42.82 dBm	-29.82 dB

Date: 8.APR.2019 10:47:02

Highest Channel / 16QAM



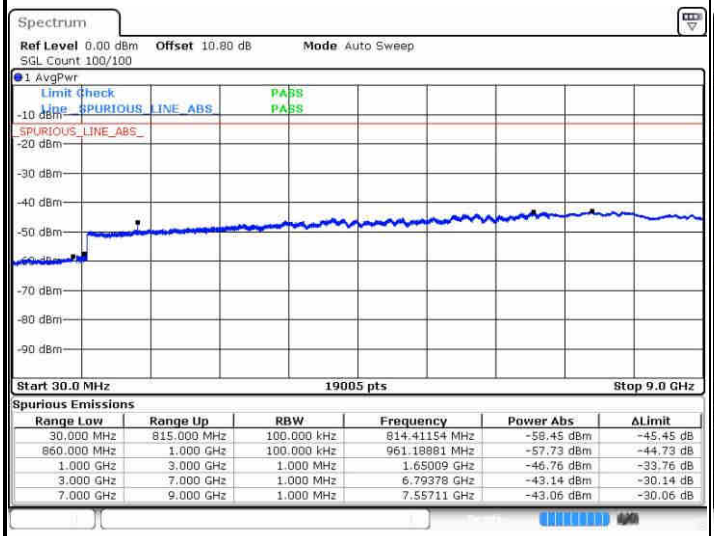
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	767.72739 MHz	-59.08 dBm	-46.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.59441 MHz	-57.77 dBm	-44.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-47.64 dBm	-34.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77278 GHz	-43.19 dBm	-30.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54511 GHz	-42.93 dBm	-29.93 dB

Date: 8.APR.2019 10:47:43

LTE Band 26 / 15MHz

Lowest Channel / QPSK

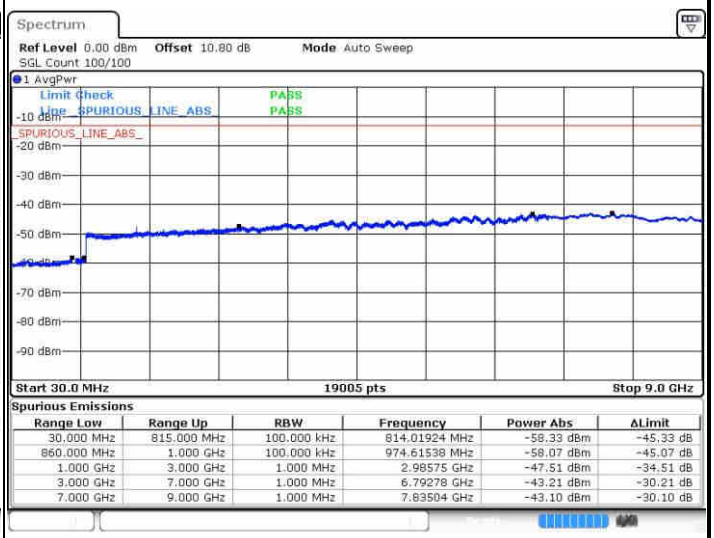


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	961.18881 MHz	-57.73 dBm	-44.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79378 GHz	-43.14 dBm	-30.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55711 GHz	-43.06 dBm	-30.06 dB

Date: 8.APR.2019 10:52:53

Lowest Channel / 16QAM

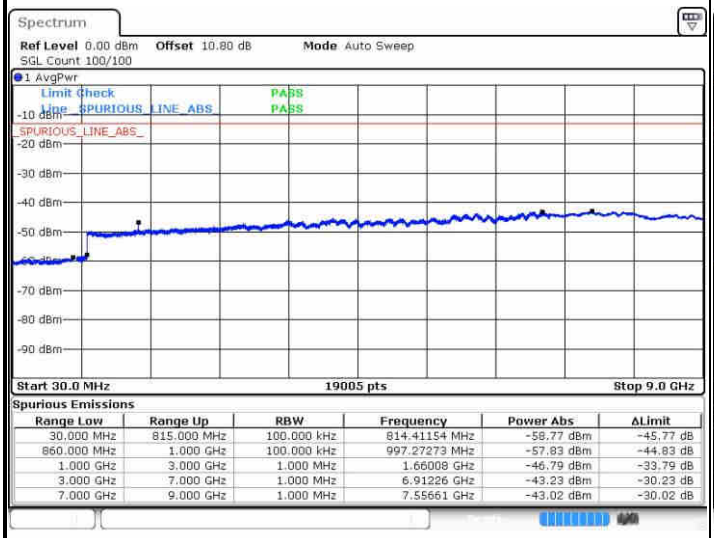


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.33 dBm	-45.33 dB
860.000 MHz	1.000 GHz	100.000 kHz	974.61538 MHz	-58.07 dBm	-45.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98575 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79278 GHz	-43.21 dBm	-30.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.83504 GHz	-43.10 dBm	-30.10 dB

Date: 8.APR.2019 10:53:34

Middle Channel / QPSK

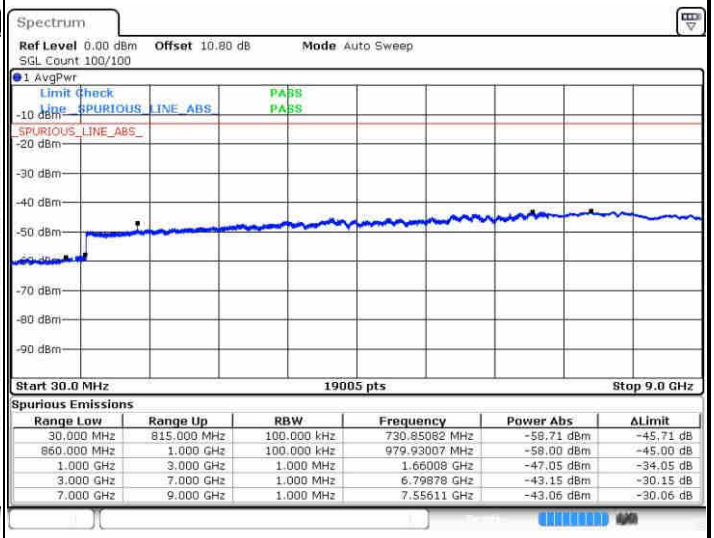


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.77 dBm	-45.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	997.27273 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66008 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91226 GHz	-43.23 dBm	-30.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55661 GHz	-43.02 dBm	-30.02 dB

Date: 8.APR.2019 10:55:04

Middle Channel / 16QAM

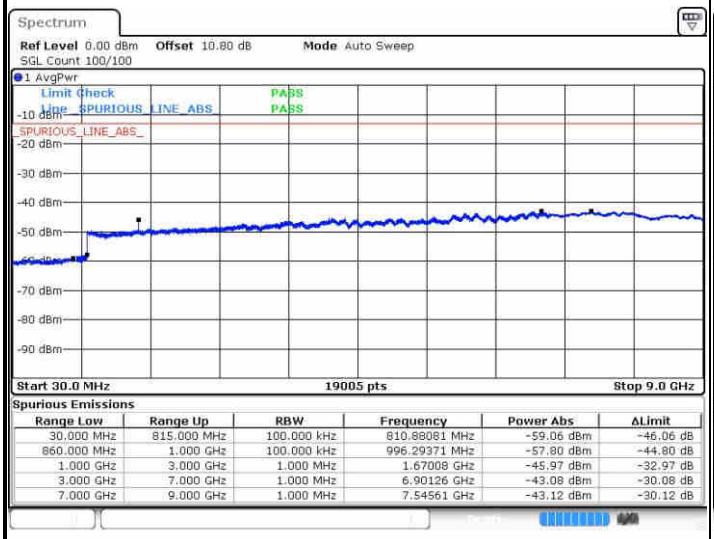


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	730.85082 MHz	-58.71 dBm	-45.71 dB
860.000 MHz	1.000 GHz	100.000 kHz	979.93007 MHz	-58.00 dBm	-45.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66008 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-43.15 dBm	-30.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55611 GHz	-43.06 dBm	-30.06 dB

Date: 8.APR.2019 10:55:45

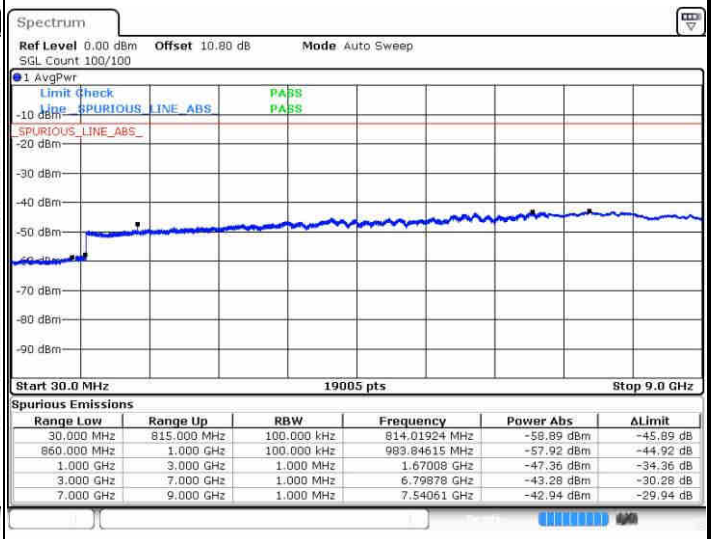
LTE Band 26 / 15MHz	
Highest Channel / QPSK	**Highest Channel / 16QAM**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.88081 MHz	-59.06 dBm	-46.06 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.29371 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67008 GHz	-45.97 dBm	-32.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-43.08 dBm	-30.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54561 GHz	-43.12 dBm	-30.12 dB

Date: 8.APR.2019 11:00:59



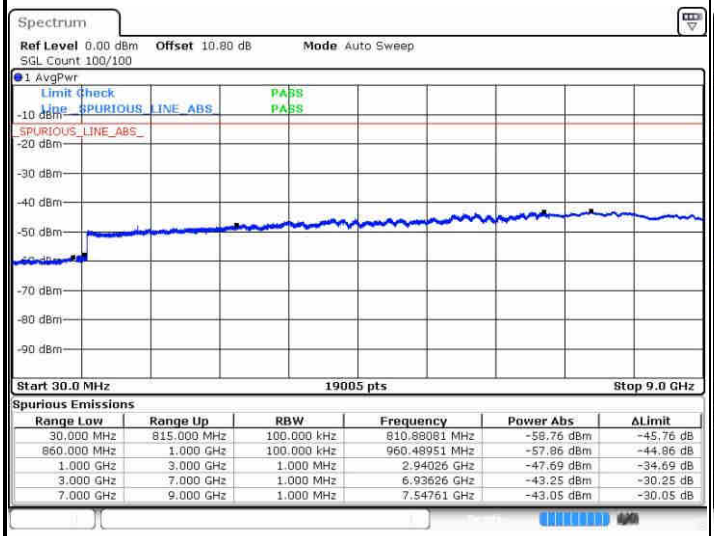
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.89 dBm	-45.89 dB
860.000 MHz	1.000 GHz	100.000 kHz	983.84615 MHz	-57.92 dBm	-44.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67008 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-43.28 dBm	-30.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54061 GHz	-42.94 dBm	-29.94 dB

Date: 8.APR.2019 11:01:40

LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

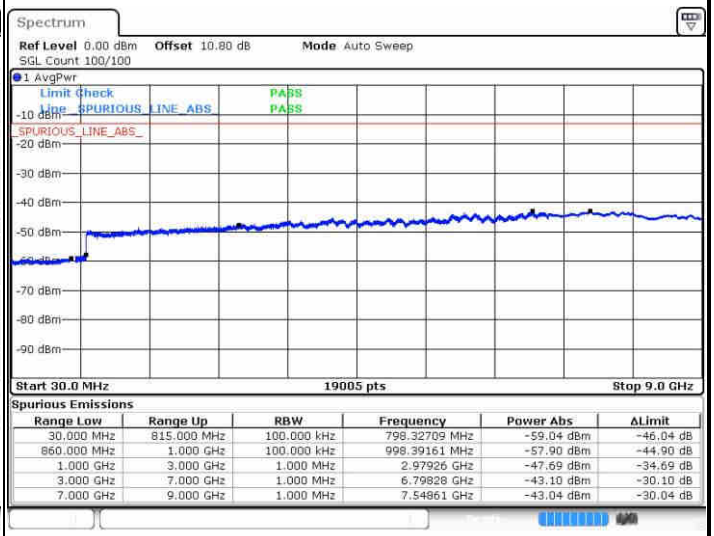


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.88081 MHz	-58.76 dBm	-45.76 dB
860.000 MHz	1.000 GHz	100.000 kHz	960.48951 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94026 GHz	-47.69 dBm	-34.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93626 GHz	-43.25 dBm	-30.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54751 GHz	-43.05 dBm	-30.05 dB

Date: 8.APR.2019 09:27:42

Middle Channel / 64QAM

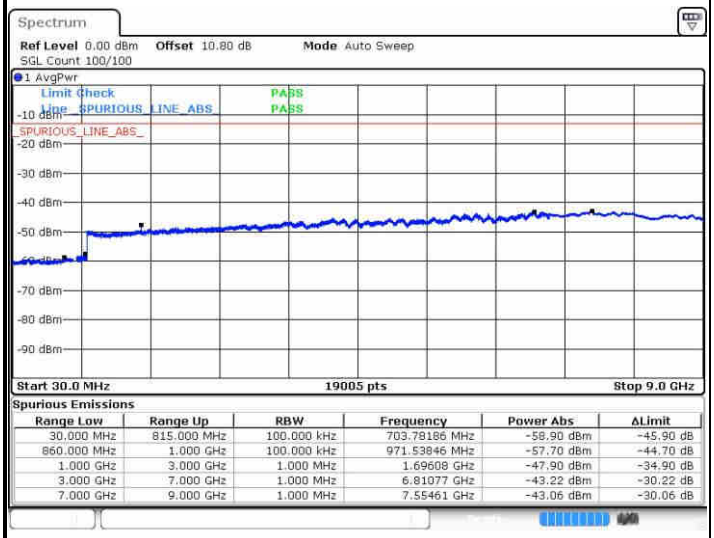


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	798.32709 MHz	-59.04 dBm	-46.04 dB
860.000 MHz	1.000 GHz	100.000 kHz	998.39161 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97926 GHz	-47.69 dBm	-34.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79828 GHz	-43.10 dBm	-30.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54861 GHz	-43.04 dBm	-30.04 dB

Date: 8.APR.2019 09:28:48

Highest Channel / 64QAM



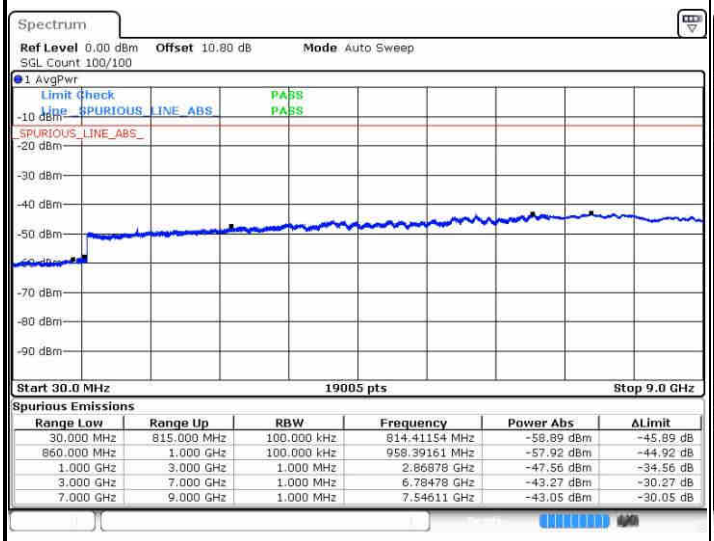
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	703.78186 MHz	-58.90 dBm	-45.90 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.53846 MHz	-57.70 dBm	-44.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-47.90 dBm	-34.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81077 GHz	-43.22 dBm	-30.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55461 GHz	-43.06 dBm	-30.06 dB

Date: 8.APR.2019 09:33:16

LTE Band 26 / 3MHz

Lowest Channel / 64QAM

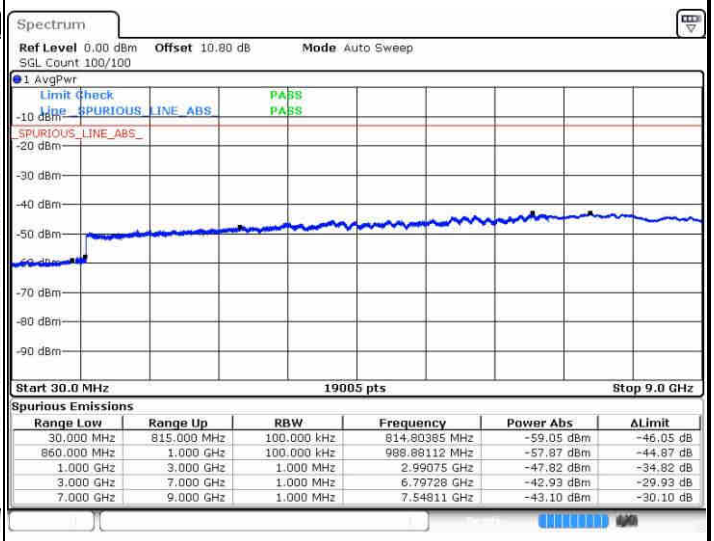


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.89 dBm	-45.89 dB
860.000 MHz	1.000 GHz	100.000 kHz	958.39161 MHz	-57.92 dBm	-44.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86878 GHz	-47.56 dBm	-34.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78478 GHz	-43.27 dBm	-30.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-43.05 dBm	-30.05 dB

Date: 8.APR.2019 09:40:20

Middle Channel / 64QAM

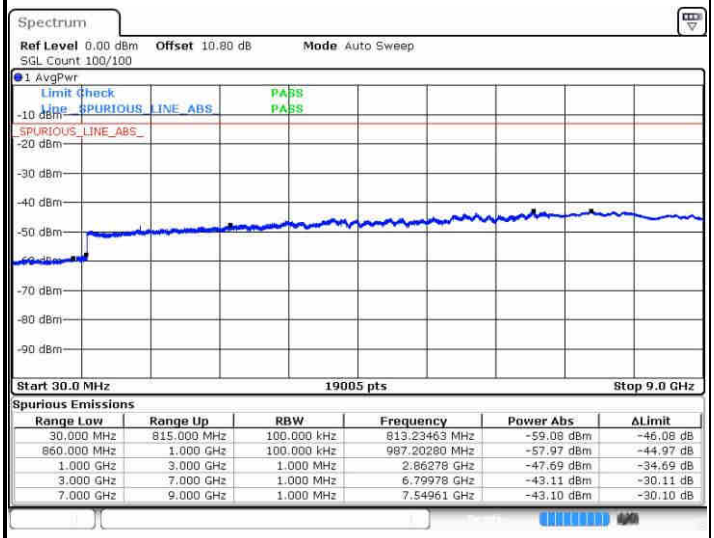


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-59.05 dBm	-46.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.88112 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99075 GHz	-47.82 dBm	-34.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79728 GHz	-42.93 dBm	-29.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54811 GHz	-43.10 dBm	-30.10 dB

Date: 8.APR.2019 09:41:26

Highest Channel / 64QAM



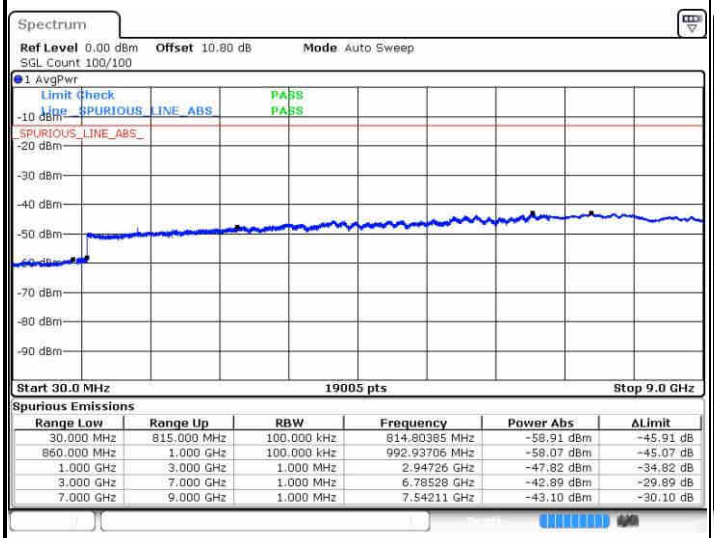
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-59.08 dBm	-46.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	987.20280 MHz	-57.97 dBm	-44.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86278 GHz	-47.69 dBm	-34.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79978 GHz	-43.11 dBm	-30.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54961 GHz	-43.10 dBm	-30.10 dB

Date: 8.APR.2019 09:44:26

LTE Band 26 / 5MHz

Lowest Channel / 64QAM

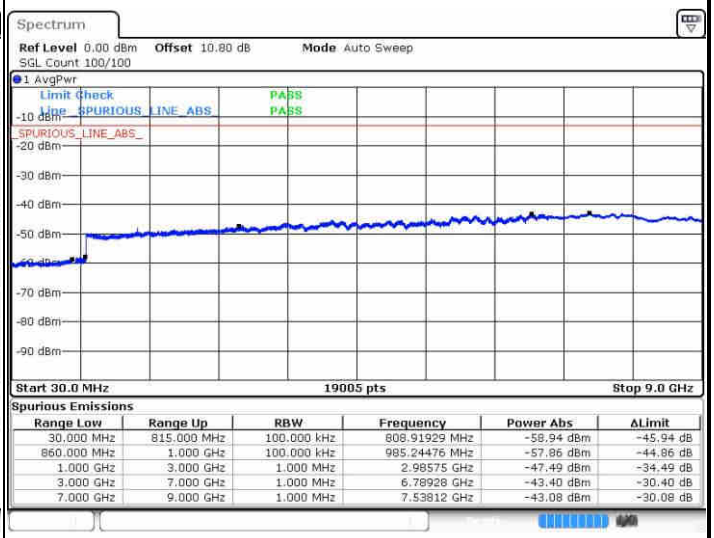


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-58.91 dBm	-45.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.93706 MHz	-58.07 dBm	-45.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94726 GHz	-47.82 dBm	-34.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78528 GHz	-42.89 dBm	-29.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54211 GHz	-43.10 dBm	-30.10 dB

Date: 8.APR.2019 09:47:25

Middle Channel / 64QAM

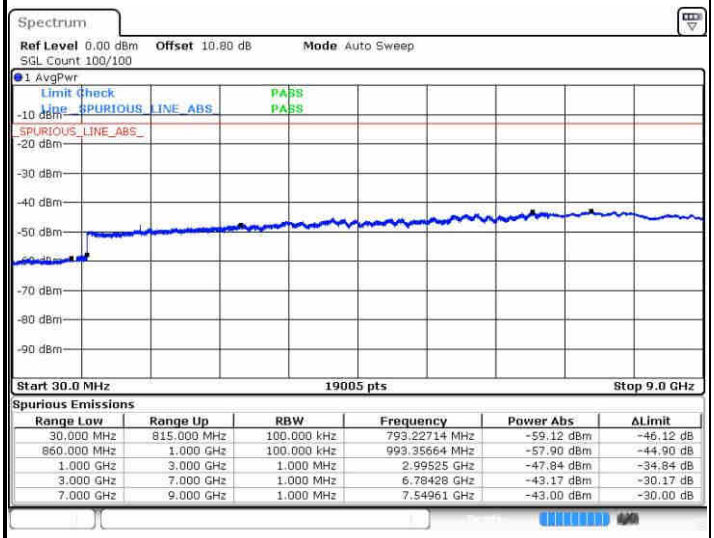


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-58.94 dBm	-45.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	985.24476 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98575 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78928 GHz	-43.40 dBm	-30.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53812 GHz	-43.08 dBm	-30.08 dB

Date: 8.APR.2019 09:48:30

Highest Channel / 64QAM



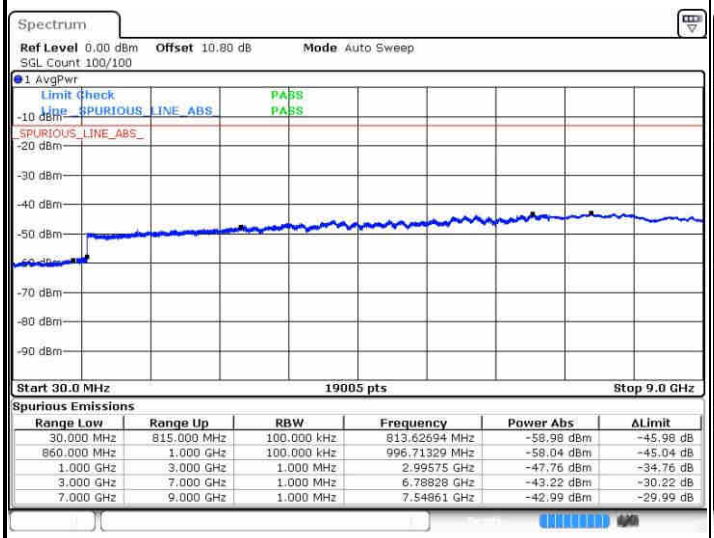
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	793.22714 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.35664 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-47.84 dBm	-34.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78428 GHz	-43.17 dBm	-30.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54961 GHz	-43.00 dBm	-30.00 dB

Date: 8.APR.2019 09:51:28

LTE Band 26 / 10MHz

Lowest Channel / 64QAM

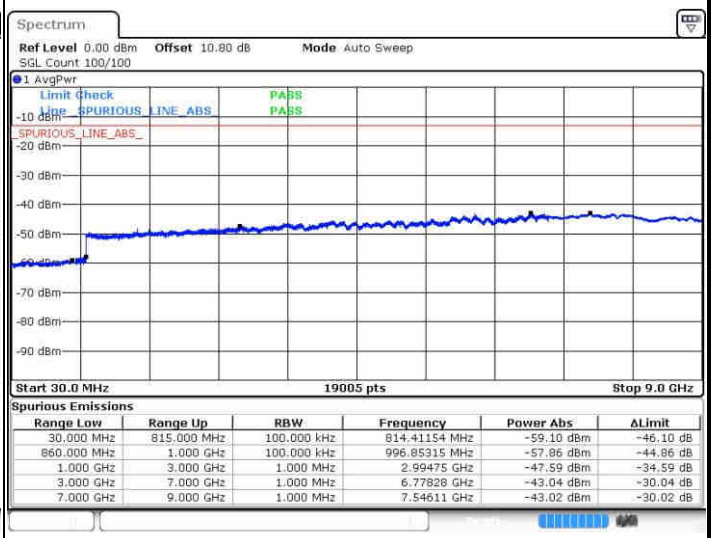


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-58.98 dBm	-45.98 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.71329 MHz	-58.04 dBm	-45.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99575 GHz	-47.76 dBm	-34.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78828 GHz	-43.22 dBm	-30.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54861 GHz	-42.99 dBm	-29.99 dB

Date: 8.APR.2019 09:54:26

Middle Channel / 64QAM

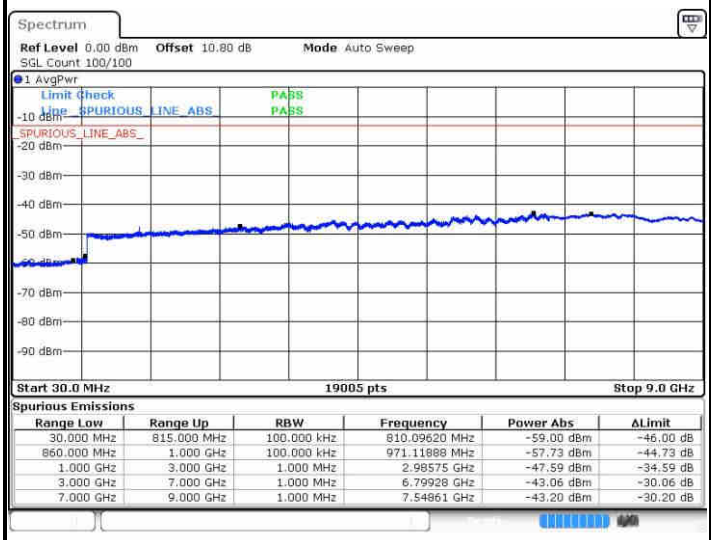


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-59.10 dBm	-46.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.85315 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99475 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77828 GHz	-43.04 dBm	-30.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-43.02 dBm	-30.02 dB

Date: 8.APR.2019 09:55:32

Highest Channel / 64QAM



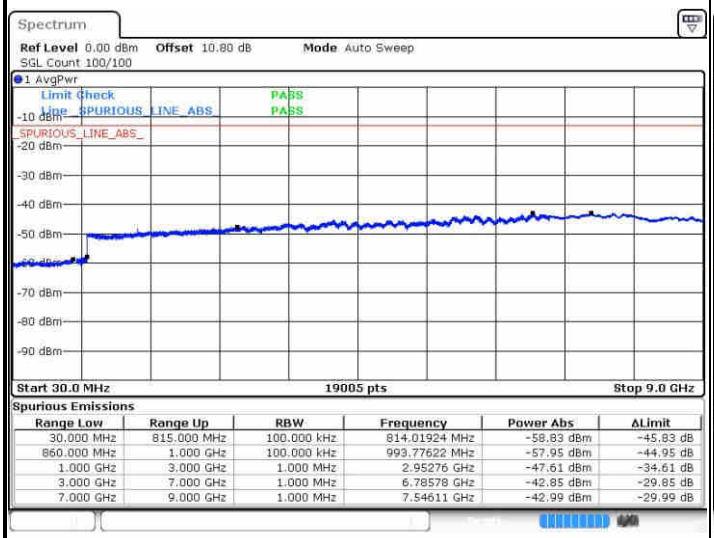
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.09620 MHz	-59.00 dBm	-46.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.11888 MHz	-57.73 dBm	-44.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98575 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79928 GHz	-43.06 dBm	-30.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54861 GHz	-43.20 dBm	-30.20 dB

Date: 8.APR.2019 09:58:30

LTE Band 26 / 15MHz

Lowest Channel / 64QAM

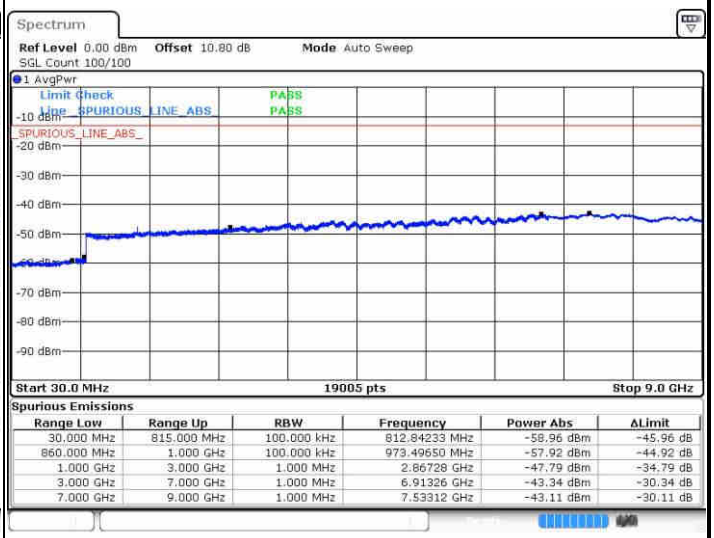


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.83 dBm	-45.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.77622 MHz	-57.95 dBm	-44.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95276 GHz	-47.61 dBm	-34.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78578 GHz	-42.85 dBm	-29.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-42.99 dBm	-29.99 dB

Date: 8.APR.2019 11:04:34

Middle Channel / 64QAM

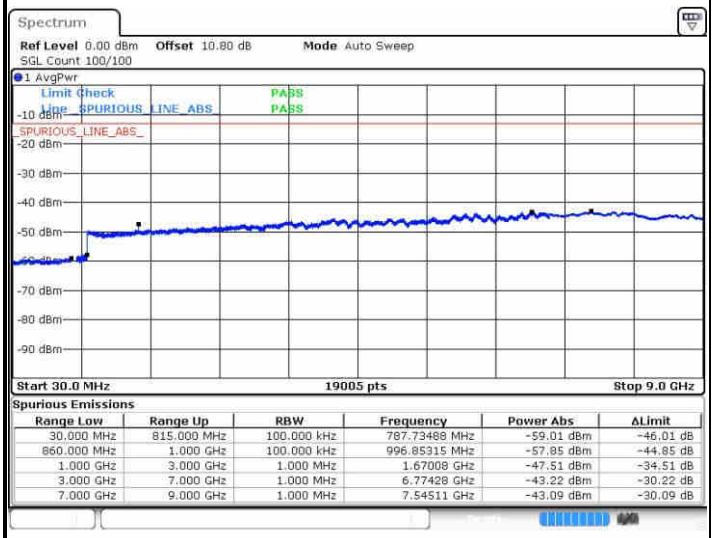


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-58.96 dBm	-45.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	973.49650 MHz	-57.92 dBm	-44.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86728 GHz	-47.79 dBm	-34.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91326 GHz	-43.34 dBm	-30.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53312 GHz	-43.11 dBm	-30.11 dB

Date: 8.APR.2019 11:05:39

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	787.73488 MHz	-59.01 dBm	-46.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.85315 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67008 GHz	-47.51 dBm	-34.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77428 GHz	-43.22 dBm	-30.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54511 GHz	-43.09 dBm	-30.09 dB

Date: 8.APR.2019 10:05:29

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0134	PASS
40	Normal Voltage	0.0106	
30	Normal Voltage	0.0112	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0102	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0108	
-20	Normal Voltage	0.0116	
-30	Normal Voltage	0.0134	
20	Maximum Voltage	0.0105	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0100	

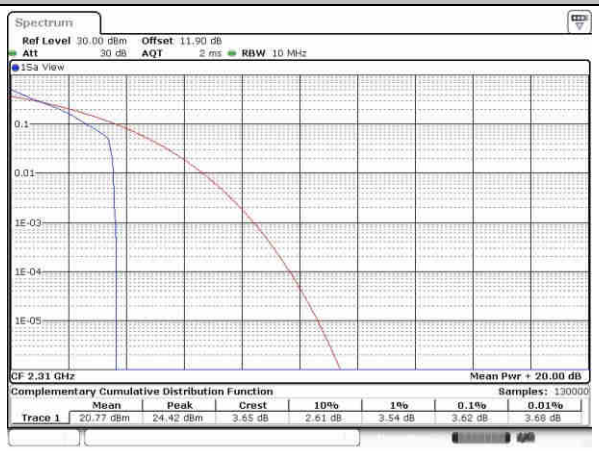
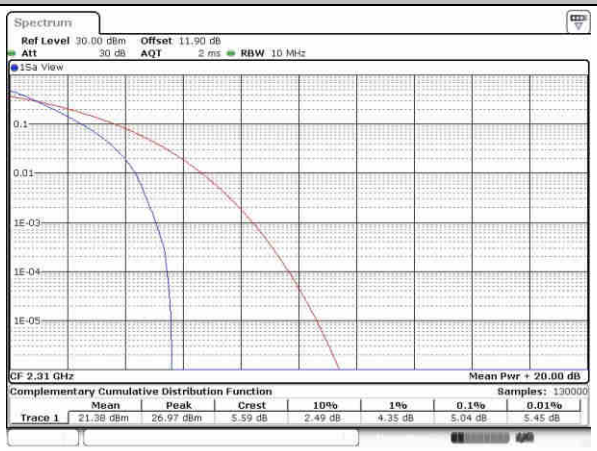
Note:

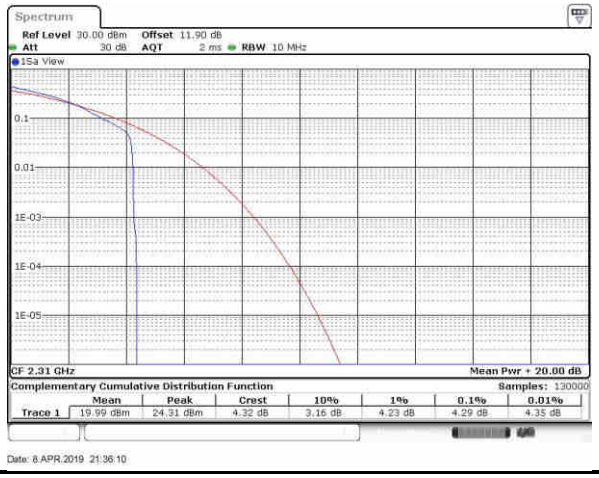
1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

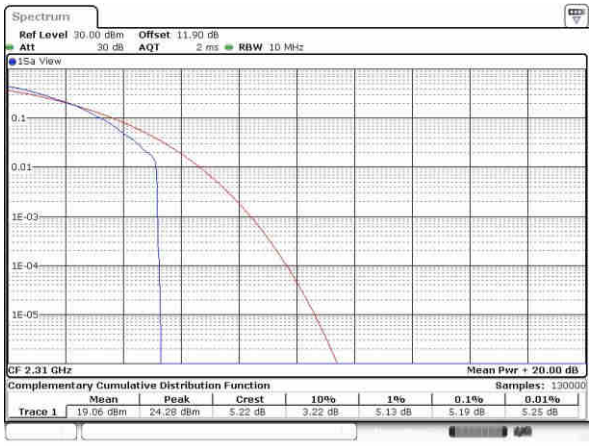
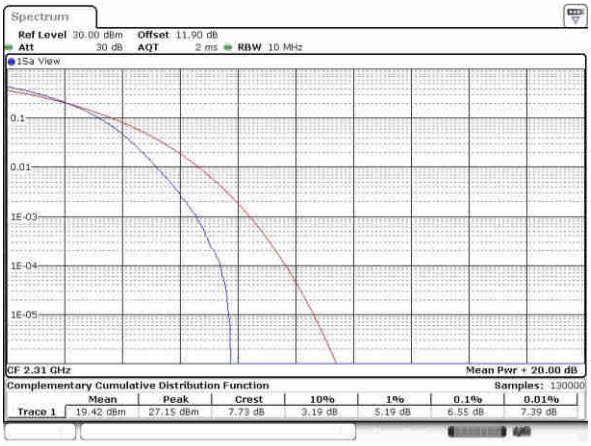
LTE Band 30

Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.62	5.04	4.29	5.88	
Highest CH	-	-	-	-	
Mode	LTE Band 30 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	PASS
Middle CH	5.19	6.55	-	-	
Highest CH	-	-	-	-	

LTE Band 30 / 10MHz / QPSK	
Middle Channel / 1RB	Middle Channel / Full RB
	

LTE Band 30 / 10MHz / 16QAM	
Middle Channel / 1RB	**Middle Channel / Full RB**
	

LTE Band 30 / 10MHz / 64QAM	
Middle Channel / 1RB	**Middle Channel / Full RB**
	

EIRP Power Density

Mode	LTE Band 30 : Conducted Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	23.34	22.58	-	-	-	-	-	-
Middle CH	-	-	-	-	23.39	22.72	22.99	22.44	-	-	-	-
Highest CH	-	-	-	-	23.28	22.63	-	-	-	-	-	-
Mode	LTE Band 30 : Conducted Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	21.68	-	-	-	-	-	-	-
Middle CH	-	-	-	-	21.86	-	21.19	-	-	-	-	-
Highest CH	-	-	-	-	21.79	-	-	-	-	-	-	-

Mode	LTE Band 30 : EIRP Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	26.14	25.38	-	-	-	-	-	-
Middle CH	-	-	-	-	26.19	25.52	25.79	25.24	-	-	-	-
Highest CH	-	-	-	-	26.08	25.43	-	-	-	-	-	-
Mode	LTE Band 30 : EIRP Power Density (dBm/5MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	24.48	-	-	-	-	-	-	-
Middle CH	-	-	-	-	24.66	-	23.99	-	-	-	-	-
Highest CH	-	-	-	-	24.59	-	-	-	-	-	-	-
Antenna Gain	1.5 dBi											
Limit	250mW / 5MHz = 24dBm / 5MHz											
Result	Pass											

LTE Band 30 / 5MHz

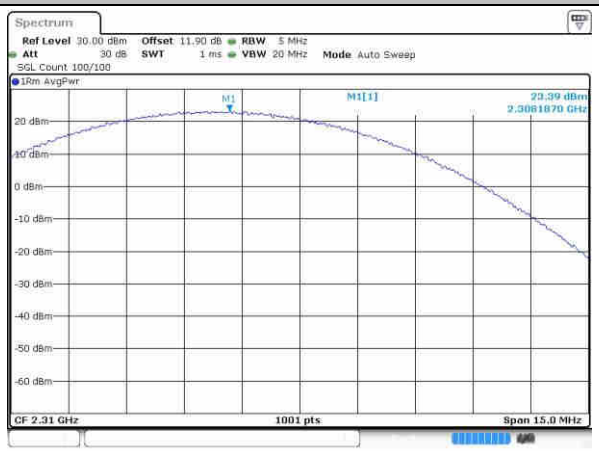
Lowest Channel / 5MHz / 1RB0 / QPSK

Date: 12.APR.2019 16:31:55

Lowest Channel / 5MHz / 1RB0 / 16QAM

Date: 12.APR.2019 16:32:13

Middle Channel / 5MHz / 1RB0 / QPSK



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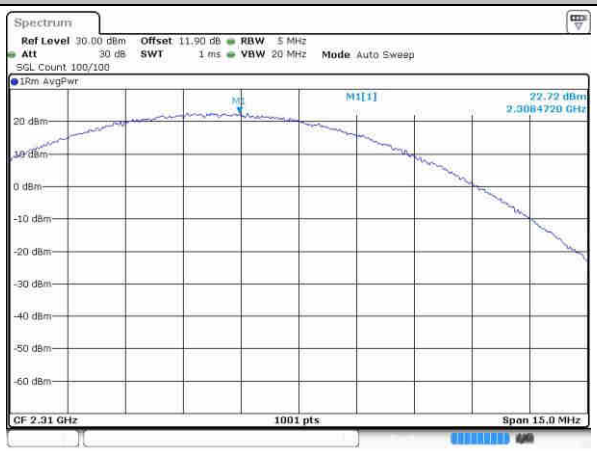
Middle Channel / 5MHz / 1RB0 / 16QAM



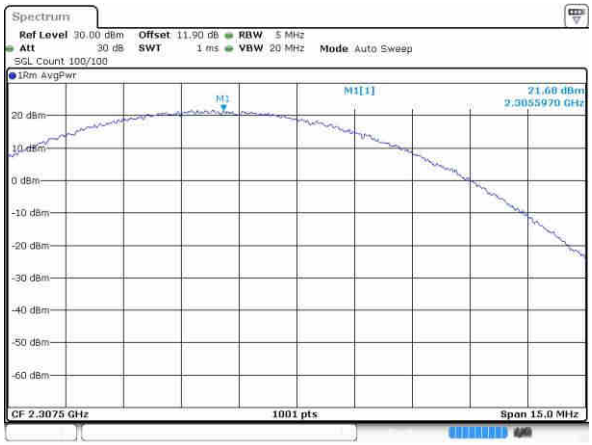
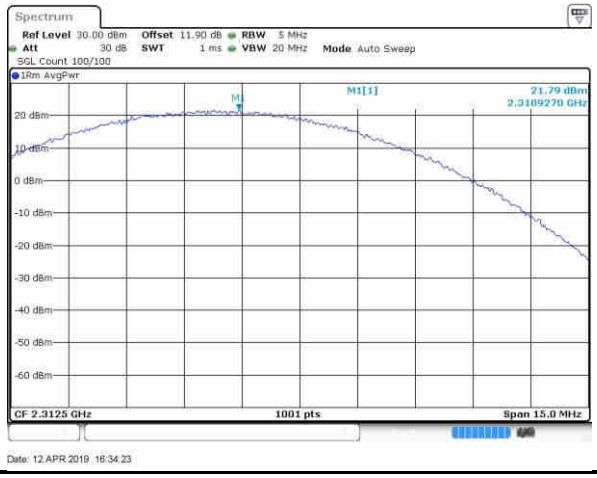
Date: 12.APR.2019 16:33:09

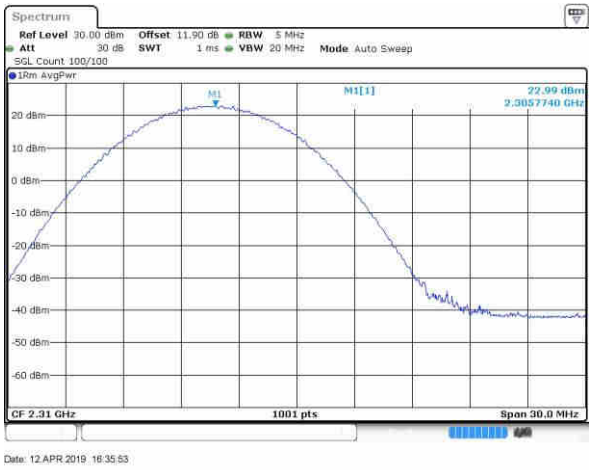
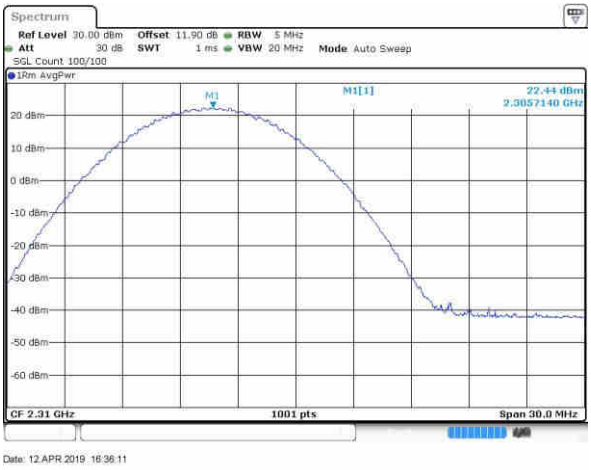
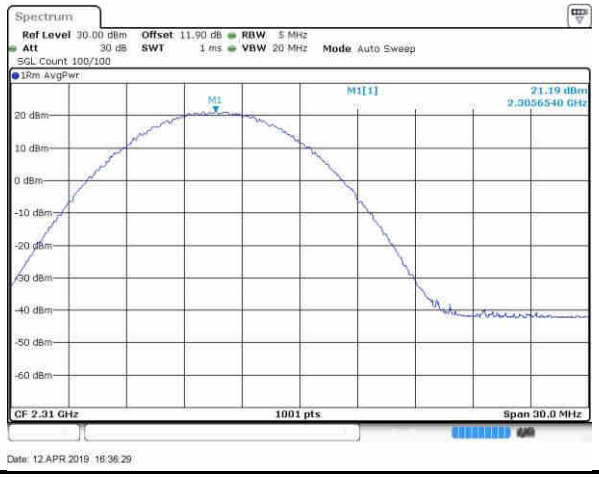
Highest Channel / 5MHz / 1RB0 / QPSK

Date: 12.APR.2019 16:33:45

Highest Channel / 5MHz / 1RB0 / 16QAM

Date: 12.APR.2019 16:34:04

LTE Band 30 / 5MHz	
Lowest Channel / 5MHz / 1RB0 / 64QAM	**Middle Channel / 5MHz / 1RB0 / 64QAM**
	
Highest Channel / 5MHz / 1RB0 / 64QAM	
	

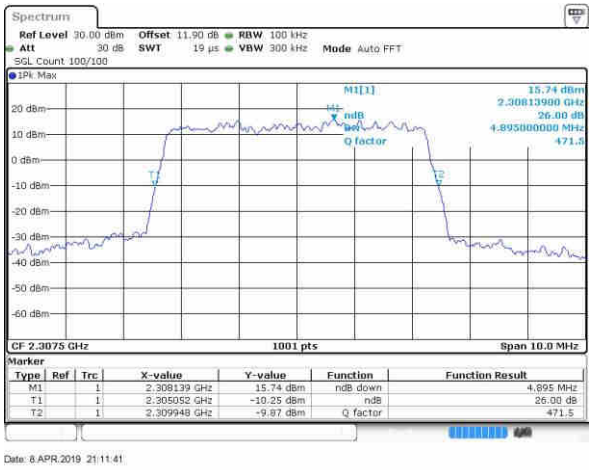
LTE Band 30 / 10MHz	
Lowest Channel / 10MHz / 1RB0 / QPSK	**Lowest Channel / 10MHz / 1RB0 / 16QAM**
	
Lowest Channel / 10MHz / 1RB0 / 64QAM	
	

26dB Bandwidth

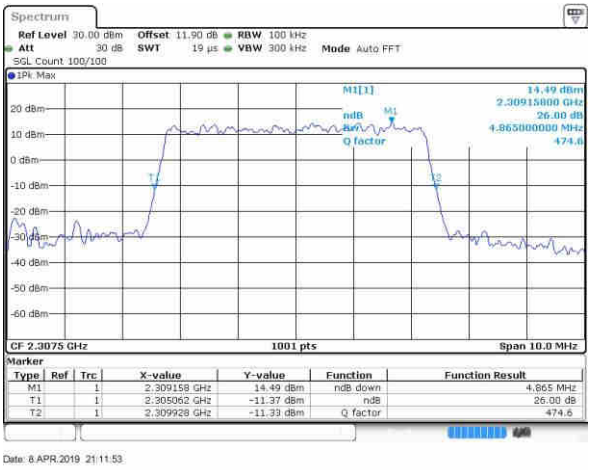
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.89	4.86	-	-	-	-	-	-
Middle CH	-	-	-	-	4.92	4.89	9.75	9.77	-	-	-	-
Highest CH	-	-	-	-	4.85	4.91	-	-	-	-	-	-
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.80	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.92	-	9.65	-	-	-	-	-
Highest CH	-	-	-	-	4.97	-	-	-	-	-	-	-

LTE Band 30

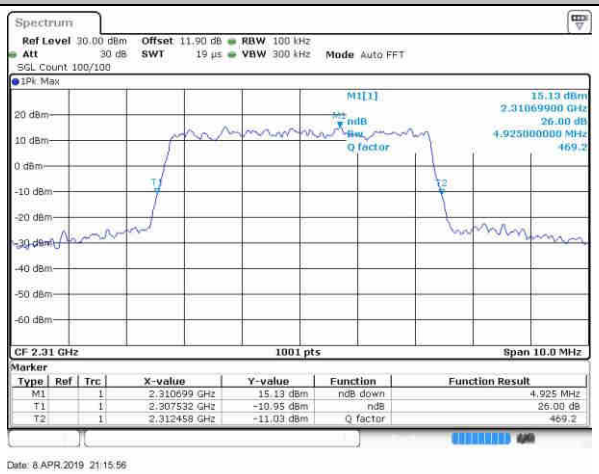
Lowest Channel / 5MHz / QPSK



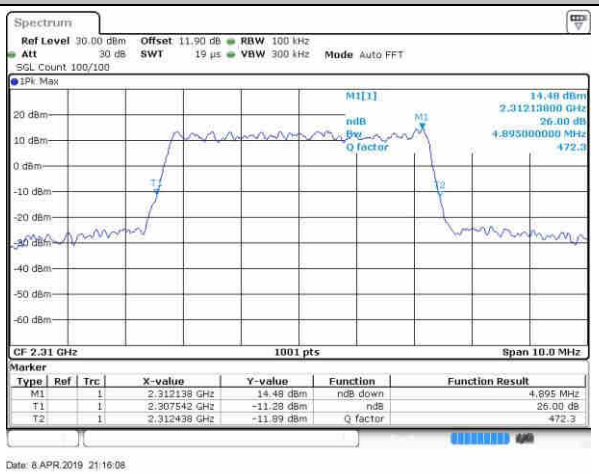
Lowest Channel / 5MHz / 16QAM



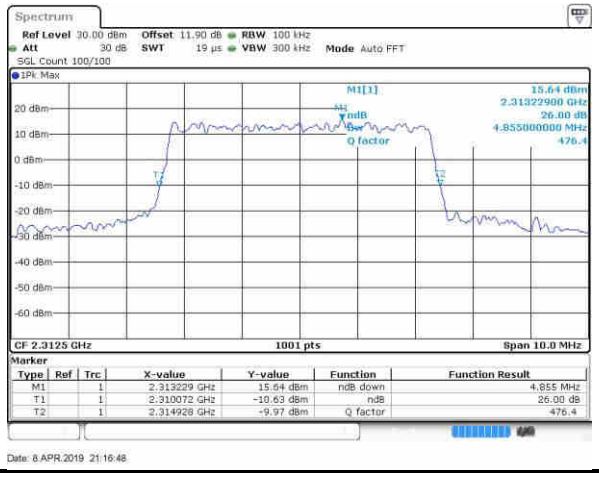
Middle Channel / 5MHz / QPSK



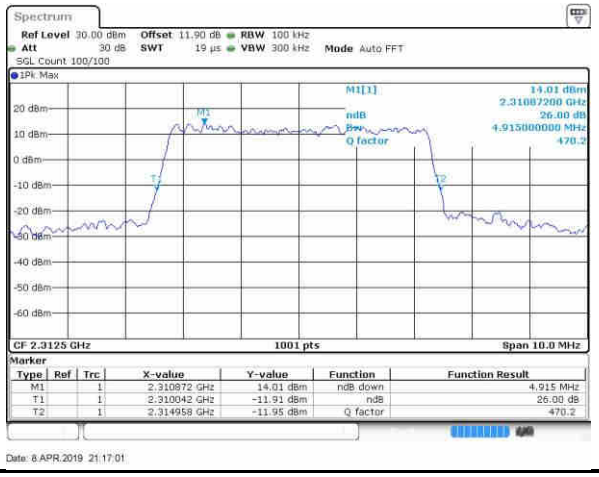
Middle Channel / 5MHz / 16QAM

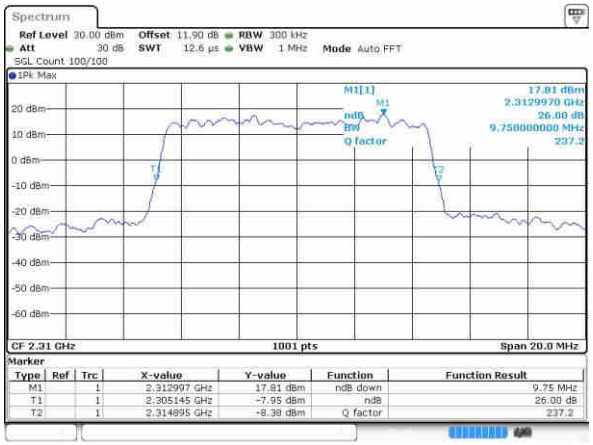
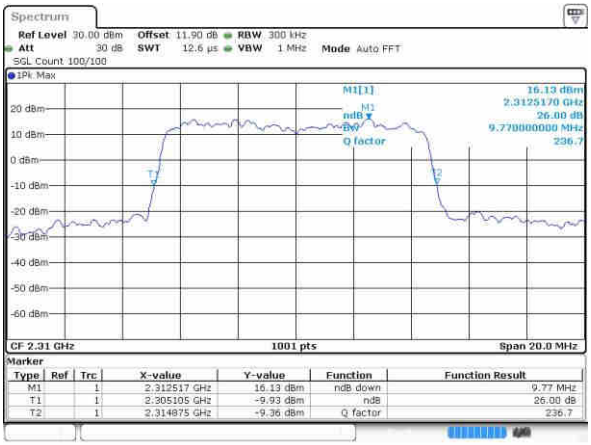


Highest Channel / 5MHz / QPSK



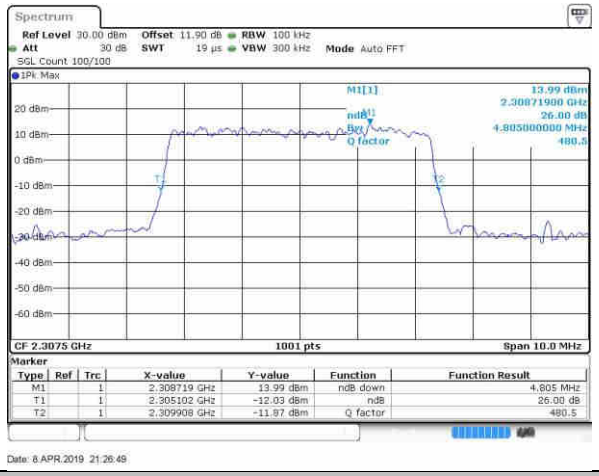
Highest Channel / 5MHz / 16QAM



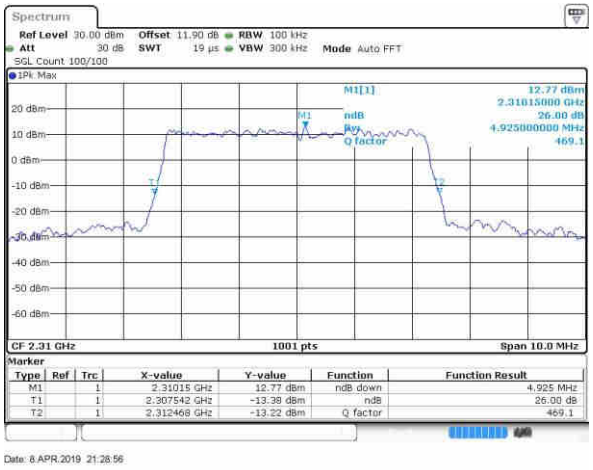
LTE Band 30	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 30

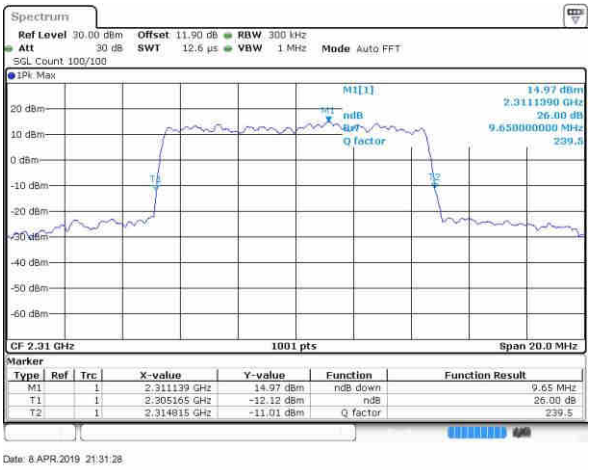
Lowest Channel / 5MHz / 64QAM



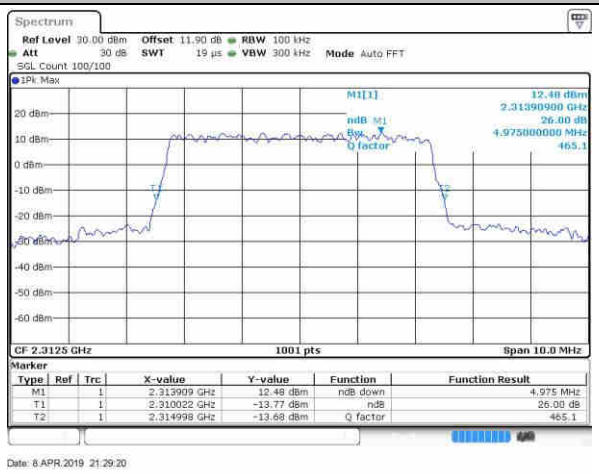
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

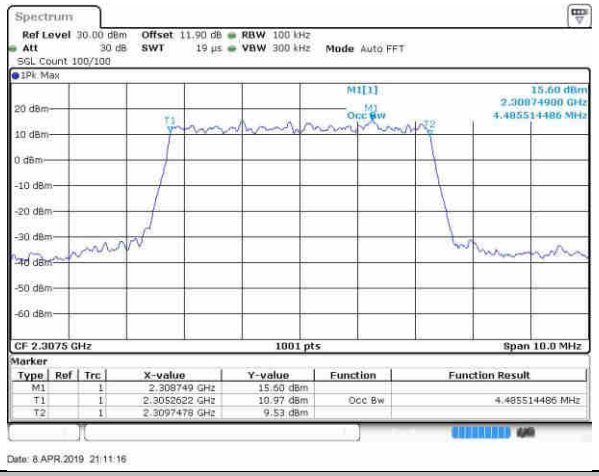


Occupied Bandwidth

Mode	LTE Band 30 : 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	-	-	-	-	4.49	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.48	9.03	8.99	-	-	-	-
Highest CH	-	-	-	-	4.51	4.50	-	-	-	-	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	-	8.99	-	-	-	-	-
Highest CH	-	-	-	-	4.49	-	-	-	-	-	-	-

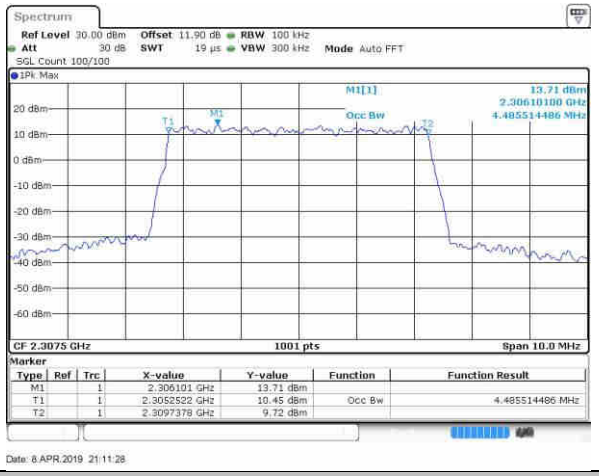
LTE Band 30

Lowest Channel / 5MHz / QPSK



Date: 8.APR.2019 21:11:16

Lowest Channel / 5MHz / 16QAM



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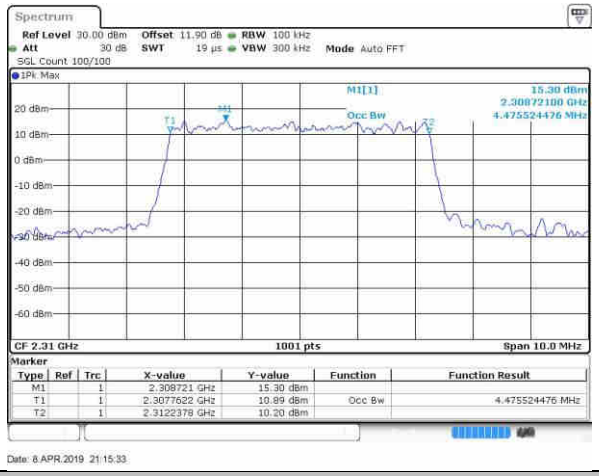
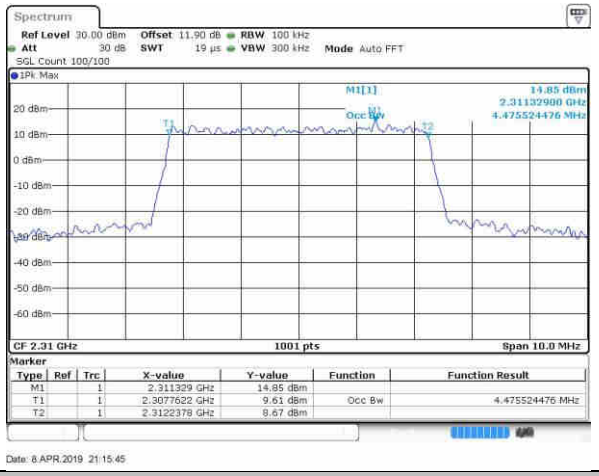
Middle Channel / 5MHz / QPSK



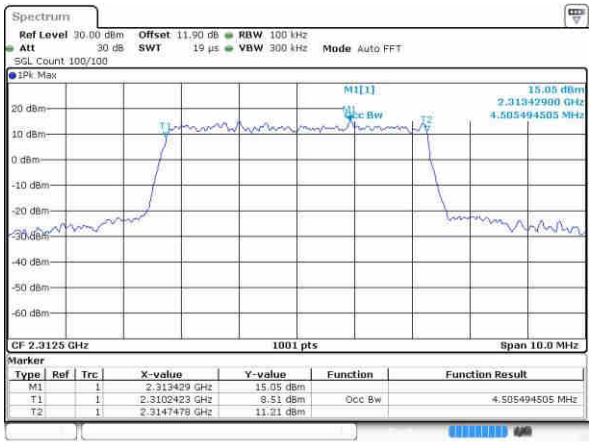
Date: 8.APR.2019 21:15:33

Middle Channel / 5MHz / 16QAM



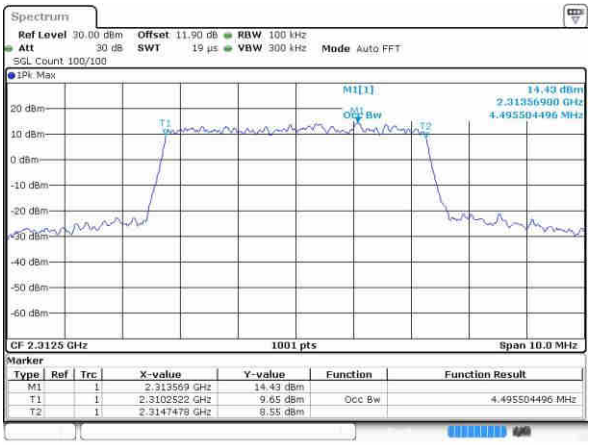
Date: 8.APR.2019 21:15:45

Highest Channel / 5MHz / QPSK

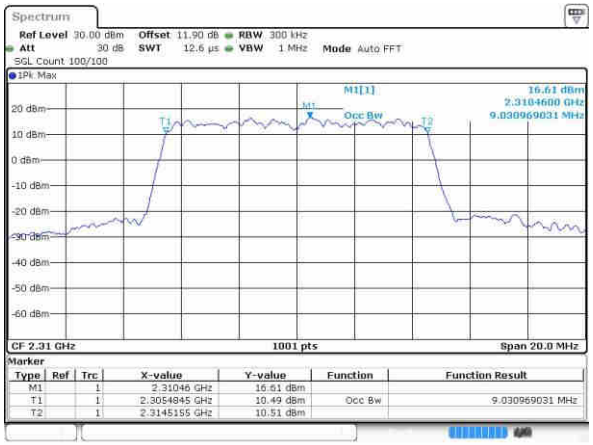
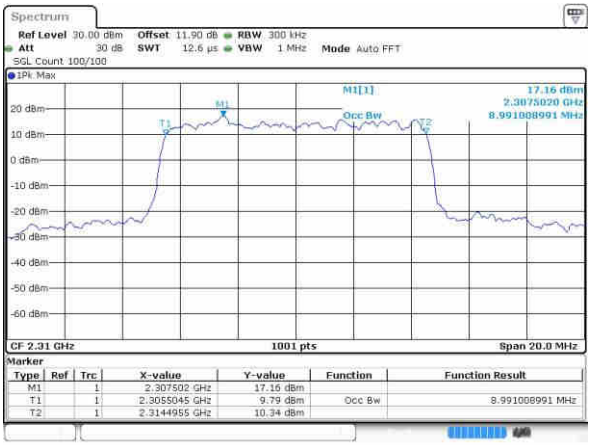


Date: 8.APR.2019 21:16:20

Highest Channel / 5MHz / 16QAM

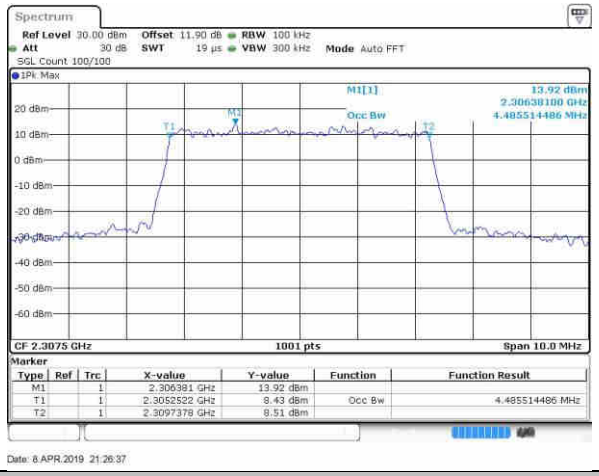


Date: 8.APR.2019 21:16:33

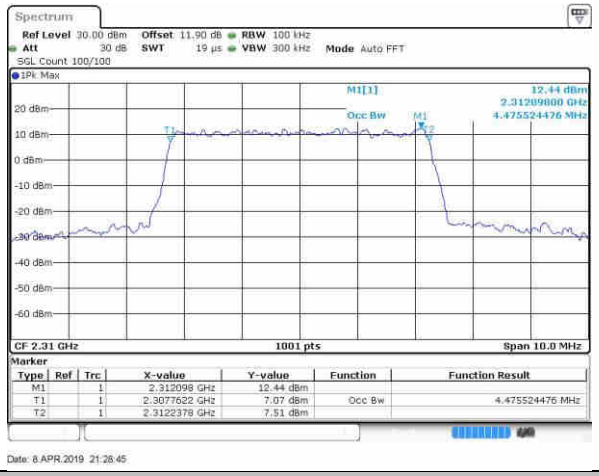
LTE Band 30	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 30

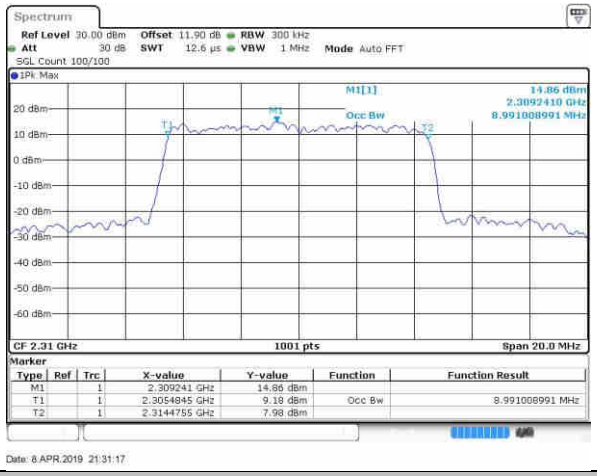
Lowest Channel / 5MHz / 64QAM



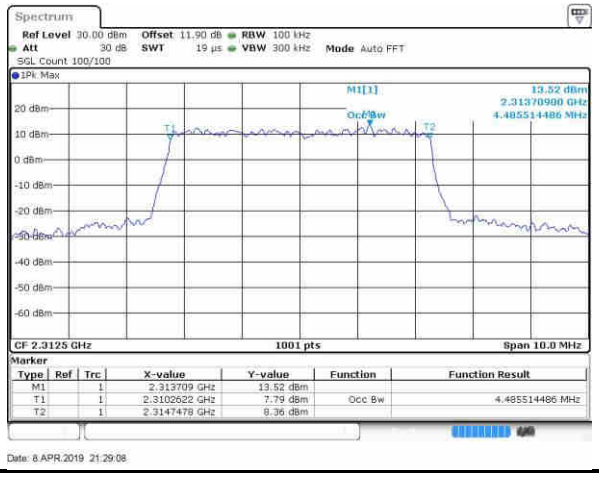
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



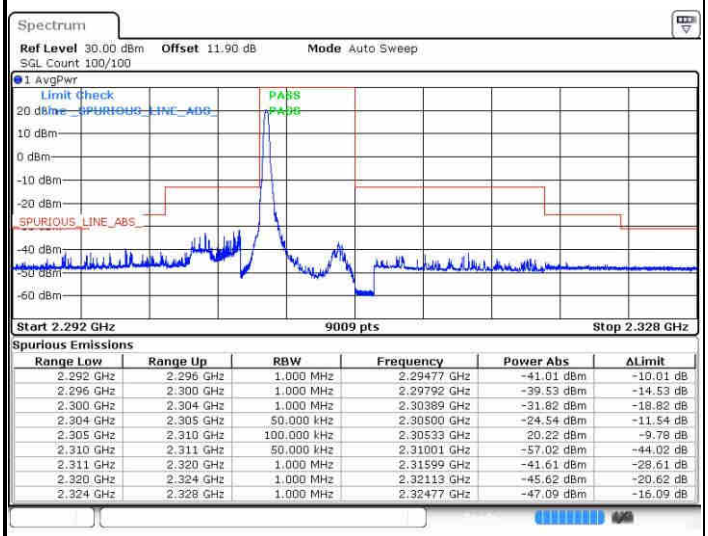
Highest Channel / 5MHz / 64QAM



Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / 1 RB

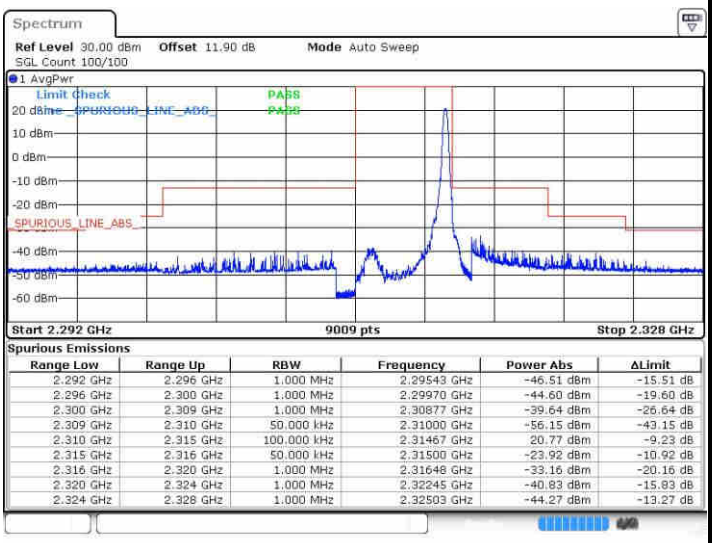


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29477 GHz	-41.01 dBm	-10.01 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29792 GHz	-39.53 dBm	-14.53 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30389 GHz	-31.82 dBm	-18.82 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-24.54 dBm	-11.54 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30533 GHz	20.22 dBm	-9.78 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31001 GHz	-57.02 dBm	-44.02 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31599 GHz	-41.61 dBm	-28.61 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32113 GHz	-45.62 dBm	-20.62 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32477 GHz	-47.09 dBm	-16.09 dB

Date: 8.APR.2019 21:12:44

Highest Band Edge / 1 RB

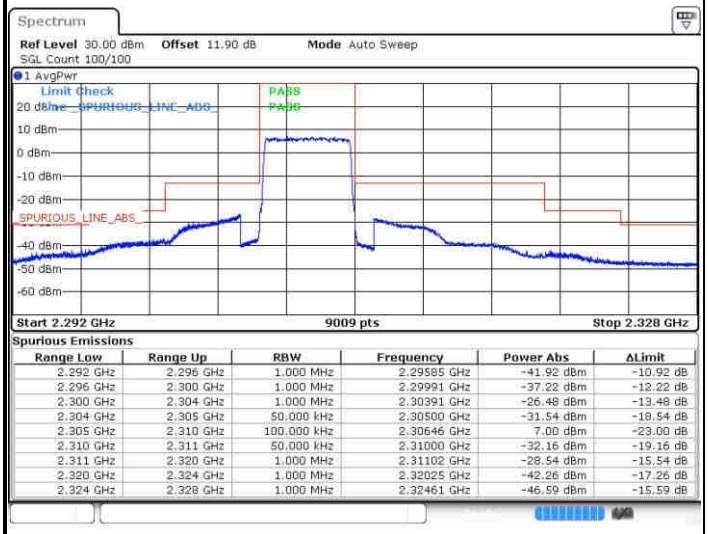


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29543 GHz	-46.51 dBm	-15.51 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29970 GHz	-44.60 dBm	-19.60 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30877 GHz	-39.64 dBm	-26.64 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-56.15 dBm	-43.15 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31467 GHz	20.77 dBm	-9.23 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31500 GHz	-23.92 dBm	-10.92 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31648 GHz	-33.16 dBm	-20.16 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32245 GHz	-40.83 dBm	-15.83 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32503 GHz	-44.27 dBm	-13.27 dB

Date: 8.APR.2019 21:17:52

Lowest Band Edge / Full RB

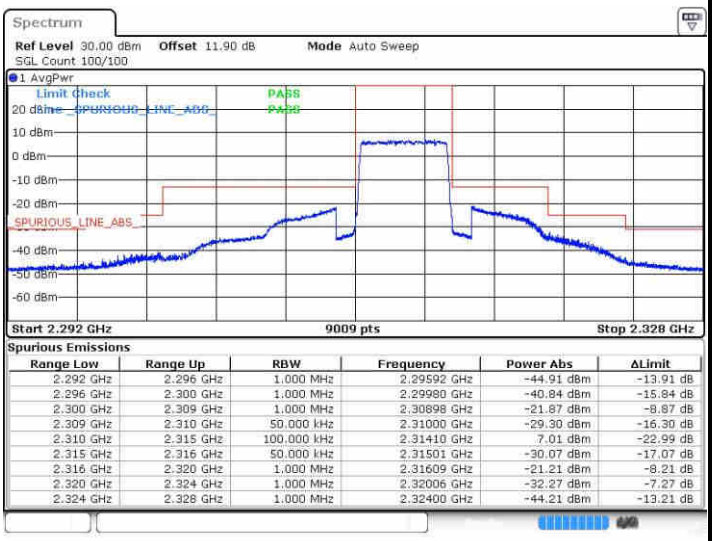


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29585 GHz	-41.92 dBm	-10.92 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29991 GHz	-37.22 dBm	-12.22 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30391 GHz	-26.48 dBm	-13.48 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-31.54 dBm	-18.54 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30646 GHz	7.00 dBm	-23.00 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31000 GHz	-32.16 dBm	-19.16 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31102 GHz	-28.54 dBm	-15.54 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32025 GHz	-42.26 dBm	-17.26 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32461 GHz	-46.59 dBm	-15.59 dB

Date: 8.APR.2019 21:14:28

Highest Band Edge / Full RB



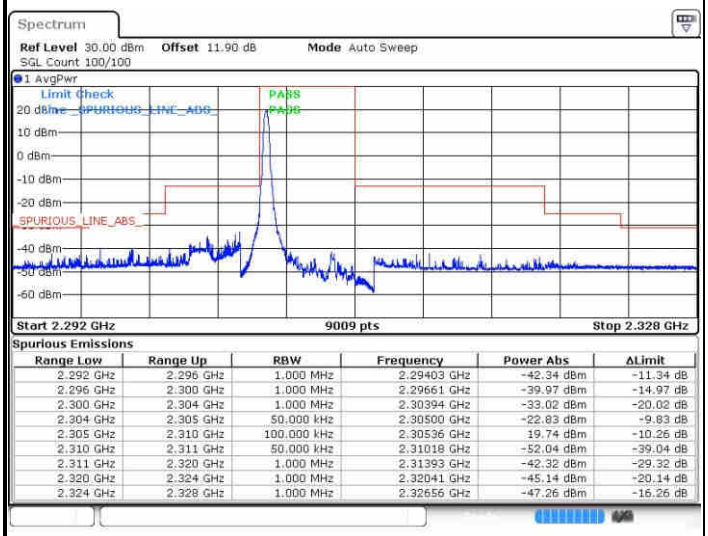
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29592 GHz	-44.91 dBm	-13.91 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29980 GHz	-40.84 dBm	-15.84 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30898 GHz	-21.87 dBm	-8.87 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-29.30 dBm	-16.30 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31410 GHz	7.01 dBm	-22.99 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31501 GHz	-30.07 dBm	-17.07 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31609 GHz	-21.21 dBm	-8.21 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32006 GHz	-32.27 dBm	-7.27 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32400 GHz	-44.21 dBm	-13.21 dB

Date: 8.APR.2019 21:19:36

LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / 1RB

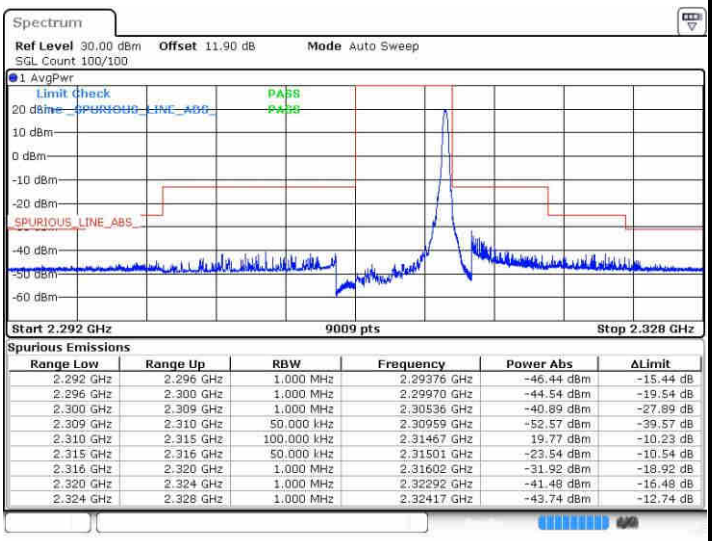


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29403 GHz	-42.34 dBm	-11.34 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29661 GHz	-39.97 dBm	-14.97 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30394 GHz	-33.02 dBm	-20.02 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-22.83 dBm	-9.83 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30536 GHz	19.74 dBm	-10.26 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31018 GHz	-52.04 dBm	-39.04 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31393 GHz	-42.32 dBm	-29.32 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32041 GHz	-45.14 dBm	-20.14 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32656 GHz	-47.26 dBm	-16.26 dB

Date: 8.APR.2019 21:13:36

Highest Band Edge / 1 RB

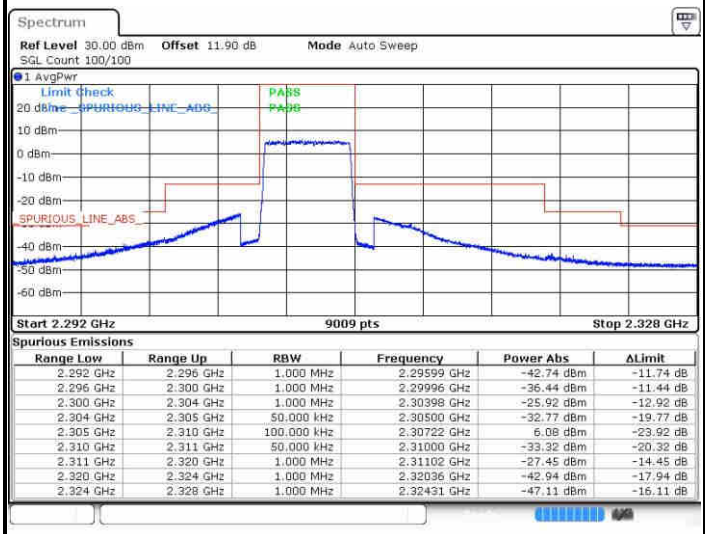


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29376 GHz	-46.44 dBm	-15.44 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29970 GHz	-44.54 dBm	-19.54 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30536 GHz	-40.89 dBm	-27.89 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30959 GHz	-52.57 dBm	-39.57 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31467 GHz	19.77 dBm	-10.23 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31501 GHz	-23.54 dBm	-10.54 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31602 GHz	-31.92 dBm	-18.92 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32292 GHz	-41.48 dBm	-16.48 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32417 GHz	-43.74 dBm	-12.74 dB

Date: 8.APR.2019 21:18:44

Lowest Band Edge / Full RB

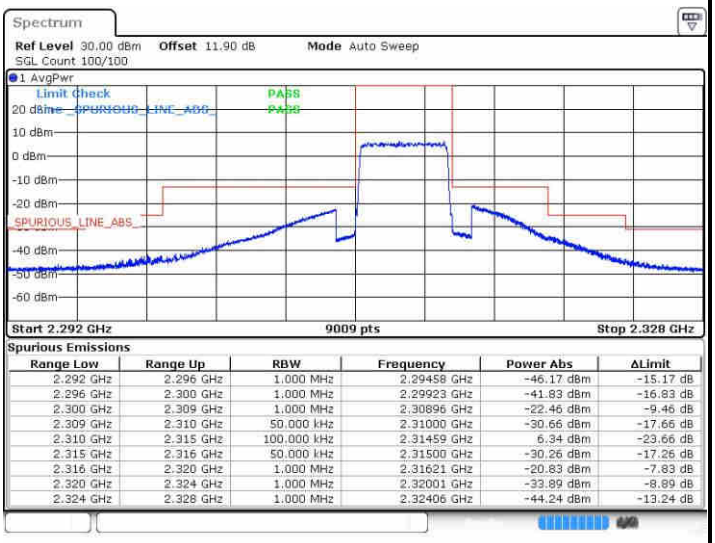


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29599 GHz	-42.74 dBm	-11.74 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29996 GHz	-36.44 dBm	-11.44 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30398 GHz	-25.92 dBm	-12.92 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-32.77 dBm	-19.77 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30722 GHz	6.08 dBm	-23.92 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31000 GHz	-33.32 dBm	-20.32 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31102 GHz	-27.45 dBm	-14.45 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32036 GHz	-42.94 dBm	-17.94 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32431 GHz	-47.11 dBm	-16.11 dB

Date: 8.APR.2019 21:15:20

Highest Band Edge / Full RB



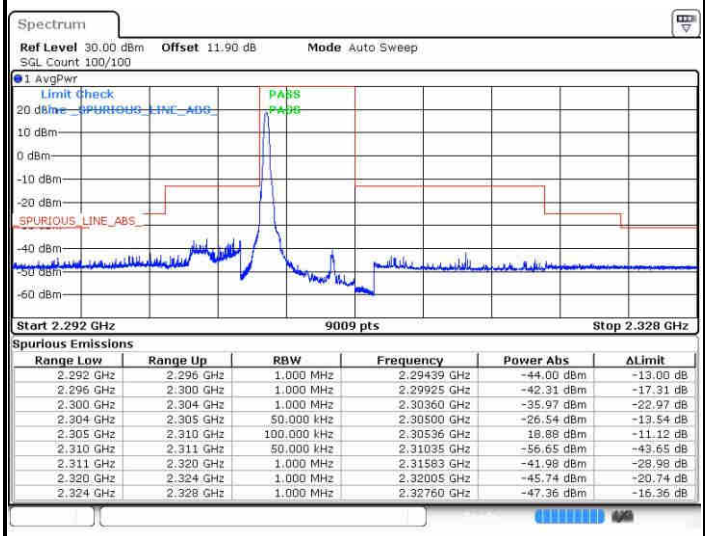
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29458 GHz	-46.17 dBm	-15.17 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29923 GHz	-41.83 dBm	-16.83 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30896 GHz	-22.46 dBm	-9.46 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-30.66 dBm	-17.66 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31459 GHz	6.34 dBm	-23.66 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31500 GHz	-30.26 dBm	-17.26 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31621 GHz	-20.83 dBm	-7.83 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32001 GHz	-33.89 dBm	-8.89 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32406 GHz	-44.24 dBm	-13.24 dB

Date: 8.APR.2019 21:20:28

LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1RB

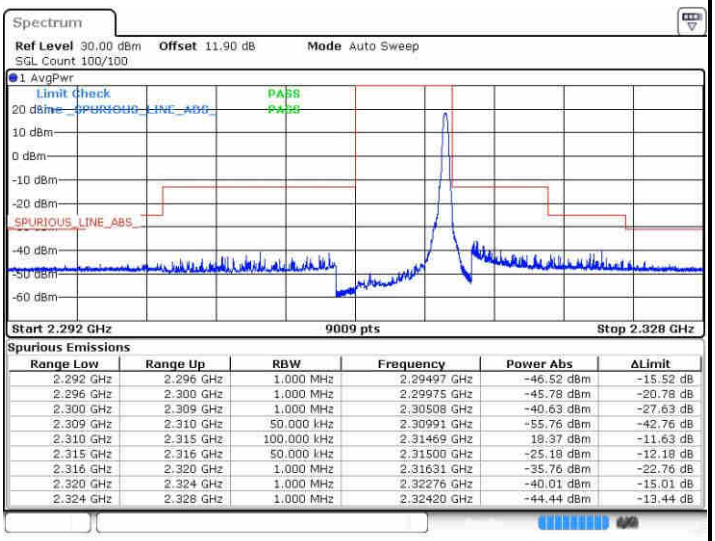


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29439 GHz	-44.00 dBm	-13.00 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29925 GHz	-42.31 dBm	-17.31 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30360 GHz	-35.97 dBm	-22.97 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-26.54 dBm	-13.54 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30536 GHz	18.88 dBm	-11.12 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31035 GHz	-56.65 dBm	-43.65 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31583 GHz	-41.98 dBm	-28.98 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32005 GHz	-45.74 dBm	-20.74 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32760 GHz	-47.36 dBm	-16.36 dB

Date: 8.APR.2019 21:27:41

Highest Band Edge / 1 RB

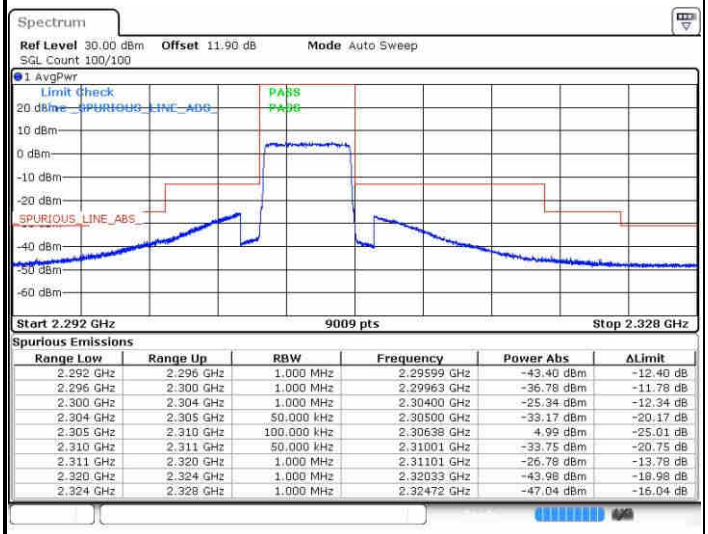


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29497 GHz	-46.52 dBm	-15.52 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29975 GHz	-45.78 dBm	-20.78 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30508 GHz	-40.63 dBm	-27.63 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30991 GHz	-55.76 dBm	-42.76 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31469 GHz	18.37 dBm	-11.63 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31500 GHz	-25.18 dBm	-12.18 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31631 GHz	-35.76 dBm	-22.76 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32276 GHz	-40.01 dBm	-15.01 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32420 GHz	-44.44 dBm	-13.44 dB

Date: 8.APR.2019 21:30:12

Lowest Band Edge / Full RB

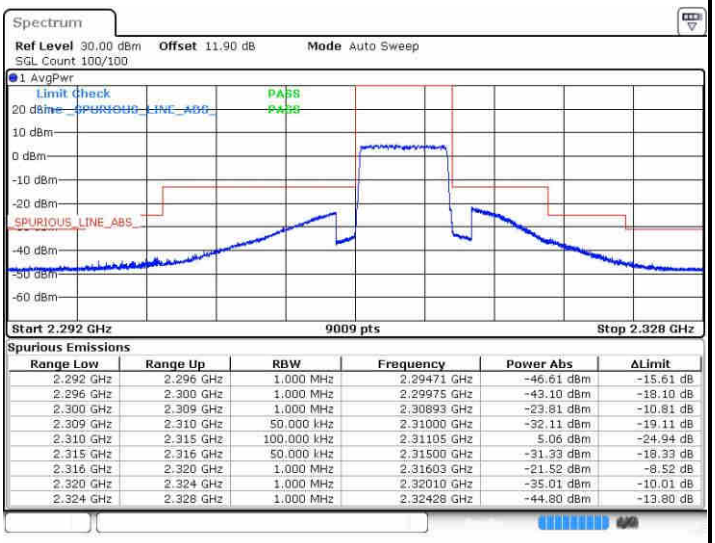


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29599 GHz	-43.40 dBm	-12.40 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29963 GHz	-36.78 dBm	-11.78 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30400 GHz	-25.34 dBm	-12.34 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-33.17 dBm	-20.17 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30638 GHz	4.99 dBm	-25.01 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31001 GHz	-33.75 dBm	-20.75 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31101 GHz	-26.78 dBm	-13.78 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32033 GHz	-43.98 dBm	-18.98 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32472 GHz	-47.04 dBm	-16.04 dB

Date: 8.APR.2019 21:28:32

Highest Band Edge / Full RB



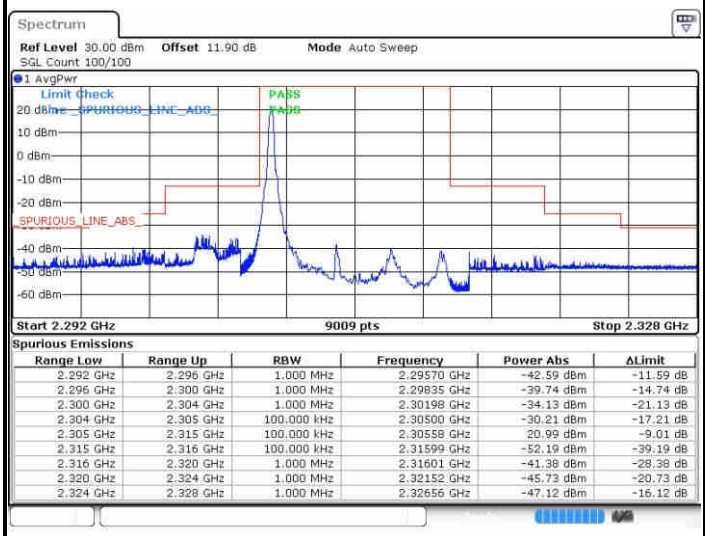
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29471 GHz	-46.61 dBm	-15.61 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29975 GHz	-43.10 dBm	-18.10 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30893 GHz	-23.81 dBm	-10.81 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-32.11 dBm	-19.11 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31105 GHz	5.06 dBm	-24.94 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31500 GHz	-31.33 dBm	-18.33 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31603 GHz	-21.52 dBm	-8.52 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32010 GHz	-35.01 dBm	-10.01 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32428 GHz	-44.80 dBm	-13.80 dB

Date: 8.APR.2019 21:31:04

LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1 RB

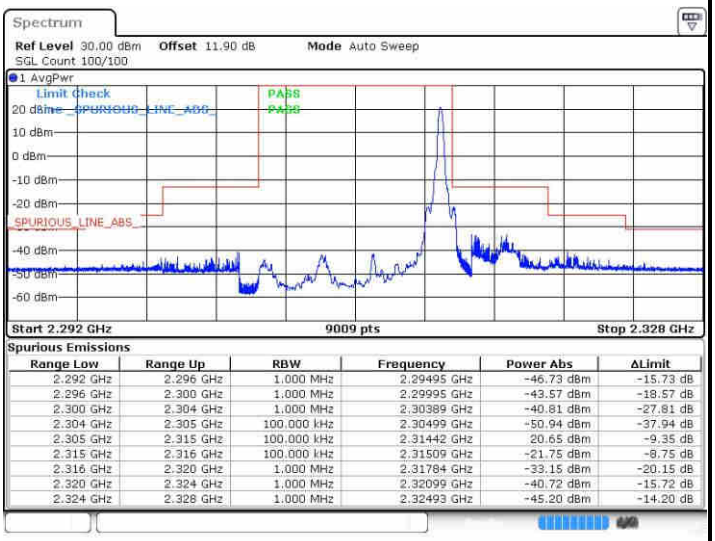


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29570 GHz	-42.59 dBm	-11.59 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29835 GHz	-39.74 dBm	-14.74 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30198 GHz	-34.13 dBm	-21.13 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30500 GHz	-30.21 dBm	-17.21 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30558 GHz	20.99 dBm	-9.01 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31599 GHz	-52.19 dBm	-39.19 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31601 GHz	-41.38 dBm	-28.38 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32152 GHz	-45.73 dBm	-20.73 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32656 GHz	-47.12 dBm	-16.12 dB

Date: 8.APR.2019 21:22:07

Highest Band Edge / 1 RB

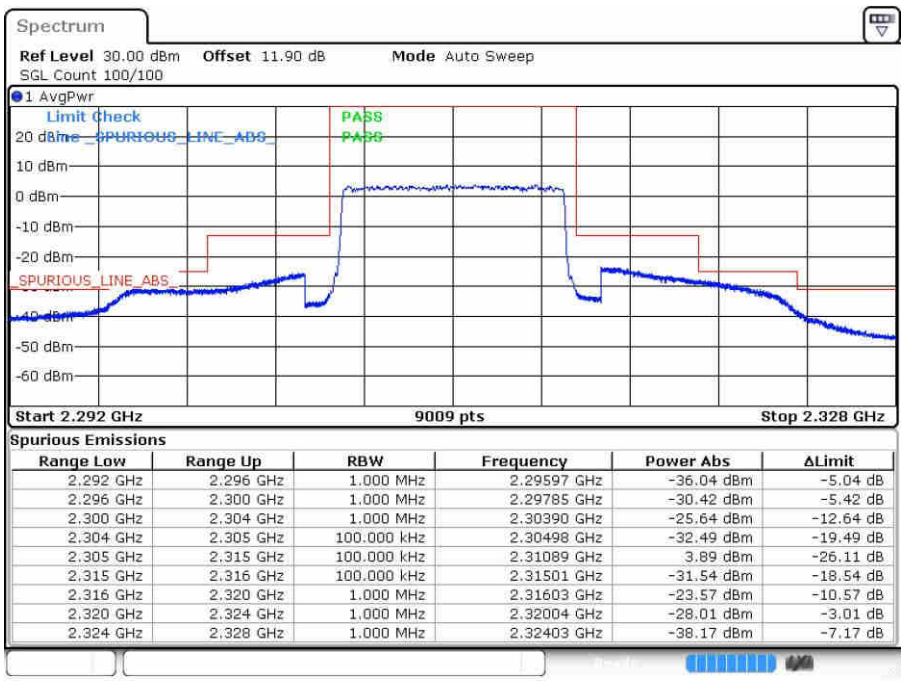


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29495 GHz	-46.73 dBm	-15.73 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29995 GHz	-43.57 dBm	-18.57 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30389 GHz	-40.81 dBm	-27.81 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30499 GHz	-50.94 dBm	-37.94 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31442 GHz	20.65 dBm	-9.35 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31509 GHz	-21.75 dBm	-8.75 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31784 GHz	-33.15 dBm	-20.15 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32099 GHz	-40.72 dBm	-15.72 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32493 GHz	-45.20 dBm	-14.20 dB

Date: 8.APR.2019 21:23:49

Band Edge / Full RB



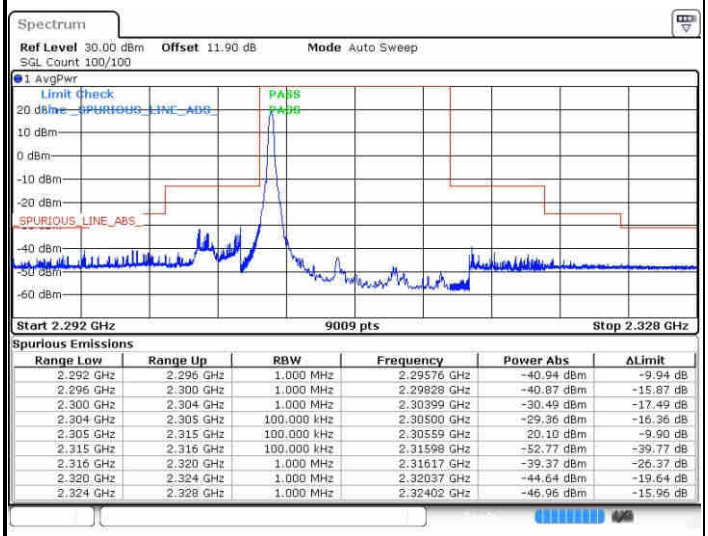
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29597 GHz	-36.04 dBm	-5.04 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29785 GHz	-30.42 dBm	-5.42 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30390 GHz	-25.64 dBm	-12.64 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30498 GHz	-32.49 dBm	-19.49 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31089 GHz	3.89 dBm	-26.11 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31501 GHz	-31.54 dBm	-18.54 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31603 GHz	-23.57 dBm	-10.57 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32004 GHz	-28.01 dBm	-3.01 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32403 GHz	-38.17 dBm	-7.17 dB

Date: 8.APR.2019 21:51:36

LTE Band 30 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

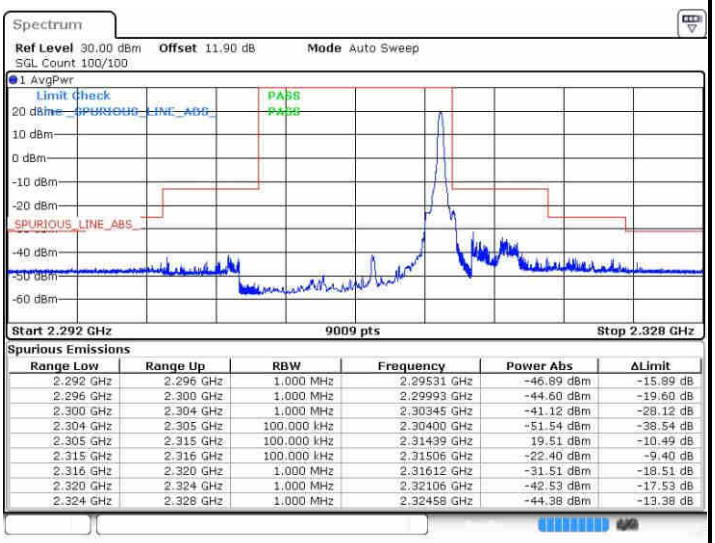


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29576 GHz	-40.94 dBm	-9.94 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29828 GHz	-40.87 dBm	-15.87 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30399 GHz	-30.49 dBm	-17.49 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30500 GHz	-29.36 dBm	-16.36 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30559 GHz	20.10 dBm	-9.90 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31598 GHz	-52.77 dBm	-39.77 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31617 GHz	-39.37 dBm	-26.37 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32037 GHz	-44.64 dBm	-19.64 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32402 GHz	-46.96 dBm	-15.96 dB

Date: 8.APR.2019 21:22:58

Highest Band Edge / 1 RB

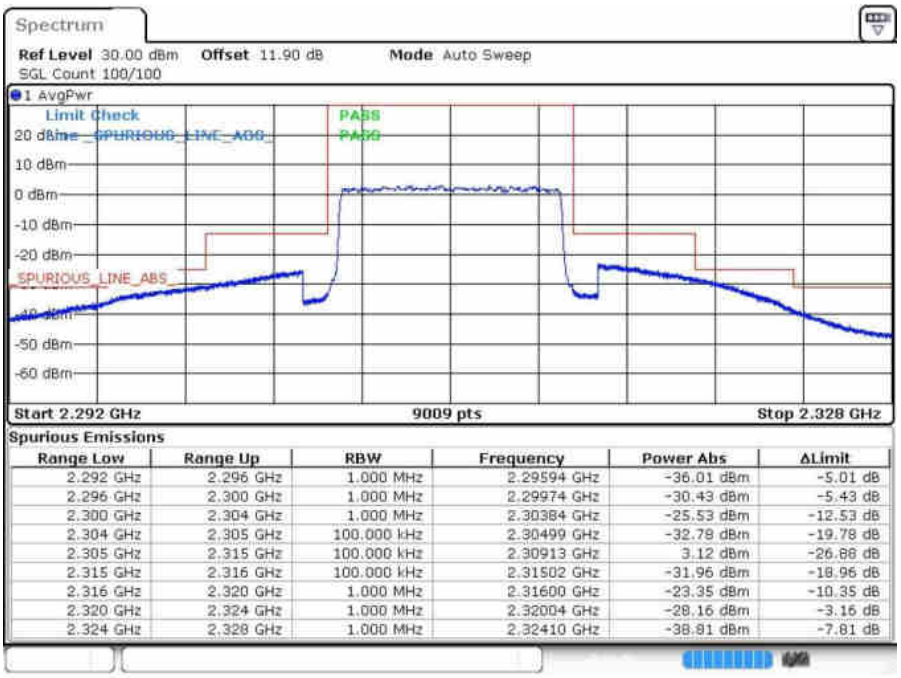


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29531 GHz	-46.89 dBm	-15.89 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29993 GHz	-44.60 dBm	-19.60 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30345 GHz	-41.12 dBm	-28.12 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30400 GHz	-51.54 dBm	-38.54 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31439 GHz	19.51 dBm	-10.49 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31506 GHz	-22.40 dBm	-9.40 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31612 GHz	-31.51 dBm	-18.51 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32106 GHz	-42.53 dBm	-17.53 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32458 GHz	-44.38 dBm	-13.38 dB

Date: 8.APR.2019 21:24:40

Band Edge / Full RB



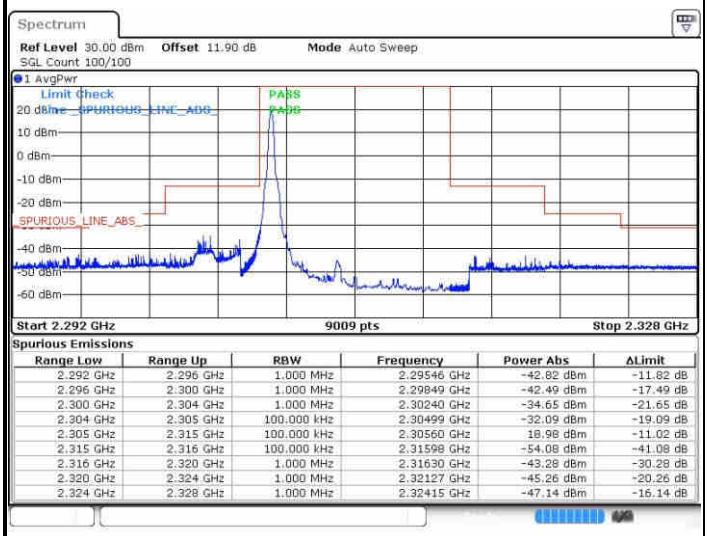
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29594 GHz	-36.01 dBm	-5.01 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29974 GHz	-30.43 dBm	-5.43 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30384 GHz	-25.53 dBm	-12.53 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30499 GHz	-32.78 dBm	-19.78 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30913 GHz	3.12 dBm	-26.88 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31502 GHz	-31.96 dBm	-18.96 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31600 GHz	-23.35 dBm	-10.35 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32004 GHz	-28.16 dBm	-3.16 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32410 GHz	-38.81 dBm	-7.81 dB

Date: 8.APR.2019 21:38:47

LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

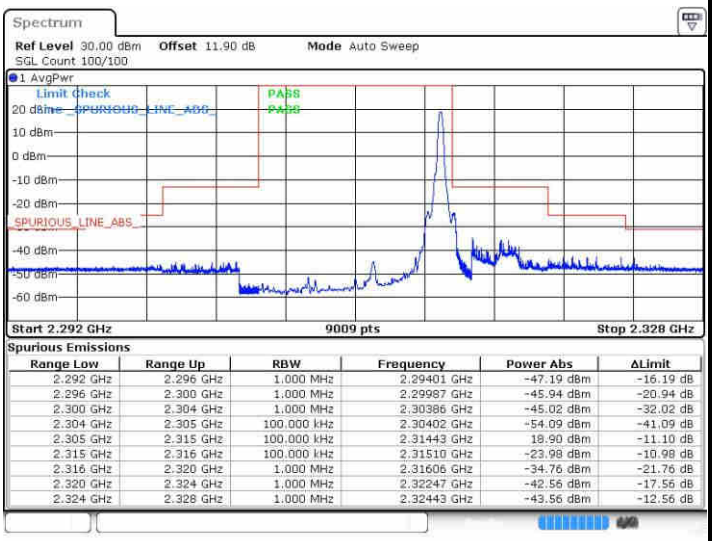


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29546 GHz	-42.82 dBm	-11.82 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29849 GHz	-42.49 dBm	-17.49 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30240 GHz	-34.65 dBm	-21.65 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30499 GHz	-32.09 dBm	-19.09 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30560 GHz	18.98 dBm	-11.02 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31598 GHz	-54.08 dBm	-41.08 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31630 GHz	-43.28 dBm	-30.28 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32127 GHz	-45.26 dBm	-20.26 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32415 GHz	-47.14 dBm	-16.14 dB

Date: 8.APR.2019 21:32:19

Highest Band Edge / 1 RB

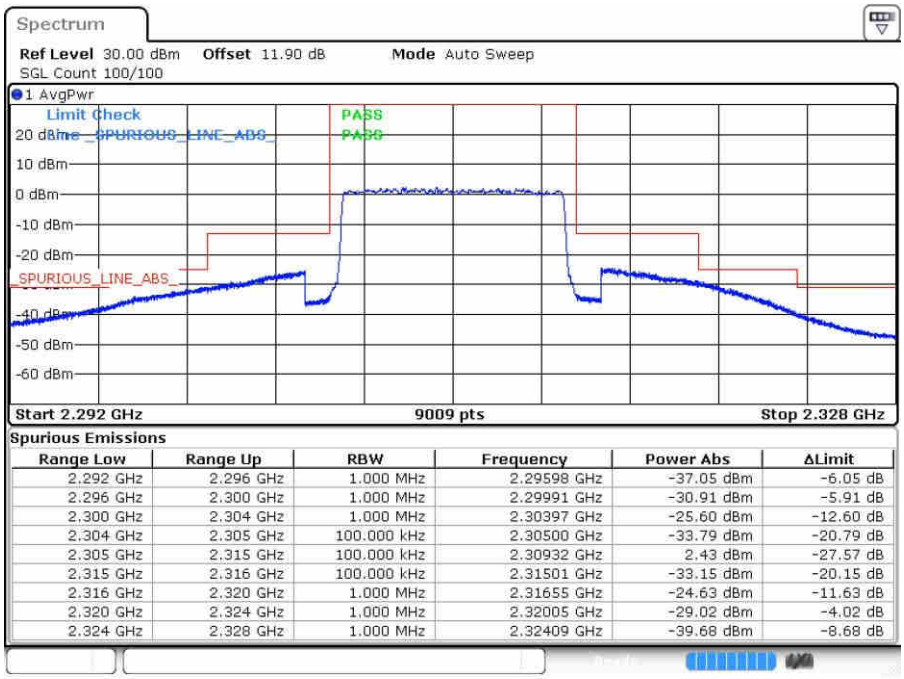


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29401 GHz	-47.19 dBm	-16.19 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29987 GHz	-45.94 dBm	-20.94 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30386 GHz	-45.02 dBm	-32.02 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30402 GHz	-54.09 dBm	-41.09 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31443 GHz	18.90 dBm	-11.10 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31510 GHz	-23.98 dBm	-10.98 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31606 GHz	-34.76 dBm	-21.76 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32247 GHz	-42.56 dBm	-17.56 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32443 GHz	-43.56 dBm	-12.56 dB

Date: 8.APR.2019 21:33:10

Band Edge / Full RB



Spurious Emissions

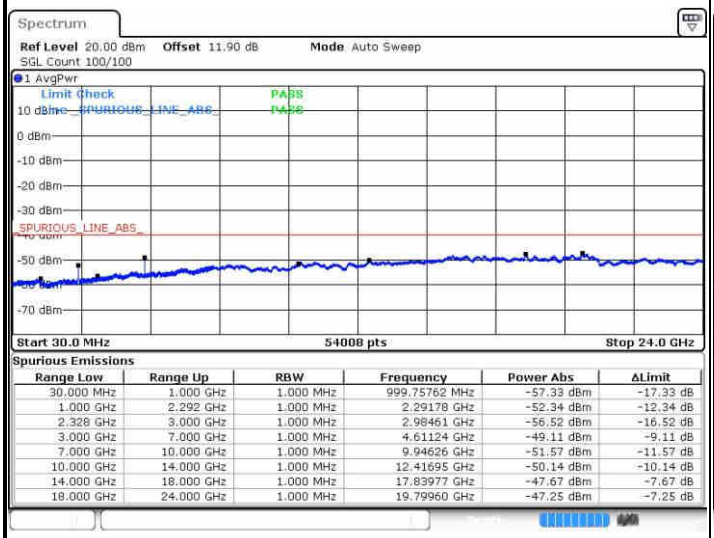
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29598 GHz	-37.05 dBm	-6.05 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29991 GHz	-30.91 dBm	-5.91 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30397 GHz	-25.60 dBm	-12.60 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30500 GHz	-33.79 dBm	-20.79 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30932 GHz	2.43 dBm	-27.57 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31501 GHz	-33.15 dBm	-20.15 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31655 GHz	-24.63 dBm	-11.63 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32005 GHz	-29.02 dBm	-4.02 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32409 GHz	-39.68 dBm	-8.68 dB

Date: 8.APR.2019 21:34:01

Conducted Spurious Emission

LTE Band 30 / 5MHz

Lowest Channel / QPSK

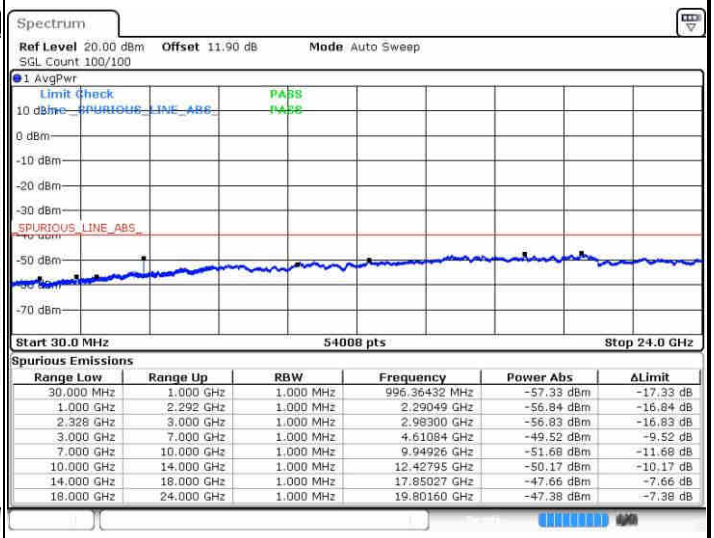


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-57.33 dBm	-17.33 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29178 GHz	-52.34 dBm	-12.34 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.98461 GHz	-56.52 dBm	-16.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61124 GHz	-49.11 dBm	-9.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94626 GHz	-51.57 dBm	-11.57 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41695 GHz	-50.14 dBm	-10.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83977 GHz	-47.67 dBm	-7.67 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.79960 GHz	-47.25 dBm	-7.25 dB

Date: 8.APR.2019 21:41:01

Lowest Channel / 16QAM

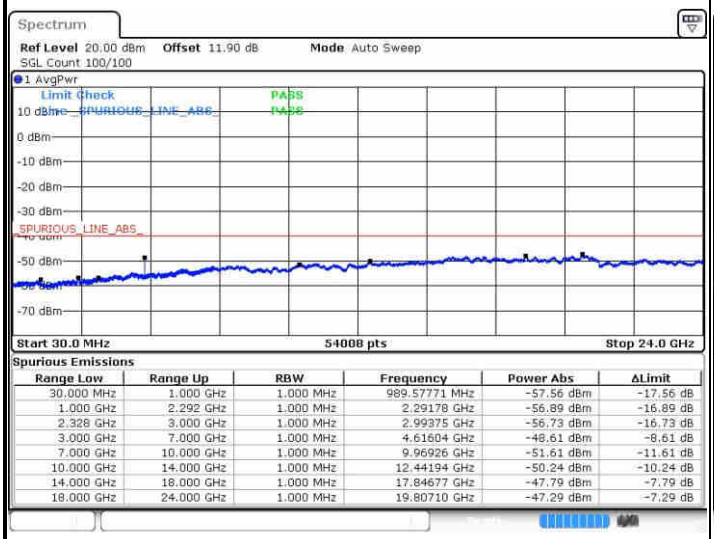


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-57.33 dBm	-17.33 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29049 GHz	-56.84 dBm	-16.84 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.98300 GHz	-56.83 dBm	-16.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61084 GHz	-49.52 dBm	-9.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-51.68 dBm	-11.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42795 GHz	-50.17 dBm	-10.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85027 GHz	-47.66 dBm	-7.66 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.80160 GHz	-47.38 dBm	-7.38 dB

Date: 8.APR.2019 21:41:43

Middle Channel / QPSK

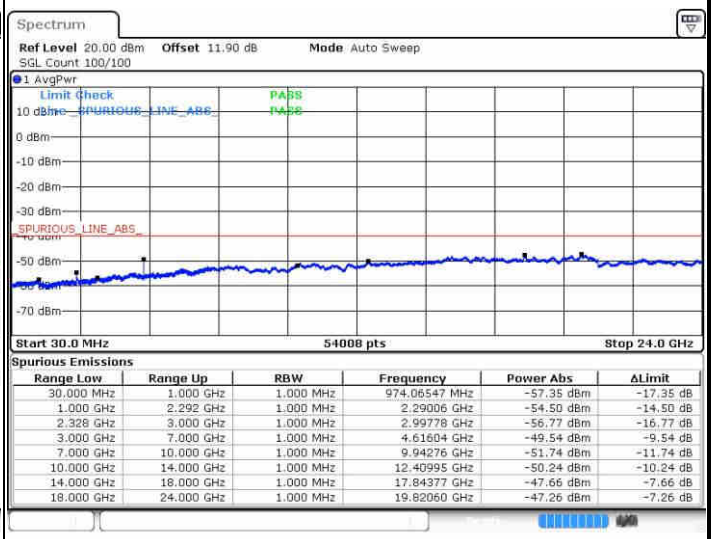


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-57.56 dBm	-17.56 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29178 GHz	-56.89 dBm	-16.89 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.99375 GHz	-56.73 dBm	-16.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61604 GHz	-48.61 dBm	-8.61 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96926 GHz	-51.61 dBm	-11.61 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44194 GHz	-50.24 dBm	-10.24 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84677 GHz	-47.79 dBm	-7.79 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.80710 GHz	-47.29 dBm	-7.29 dB

Date: 8.APR.2019 21:42:26

Middle Channel / 16QAM



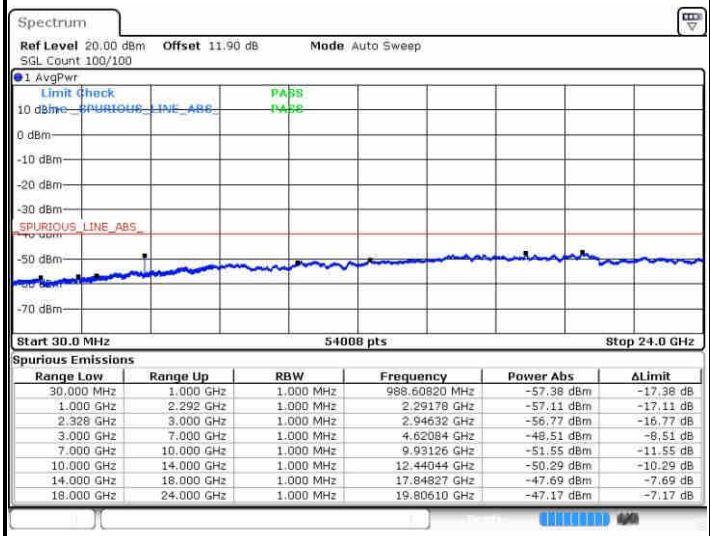
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-57.35 dBm	-17.35 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29006 GHz	-54.50 dBm	-14.50 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.99778 GHz	-56.77 dBm	-16.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61604 GHz	-49.54 dBm	-9.54 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94276 GHz	-51.74 dBm	-11.74 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40995 GHz	-50.24 dBm	-10.24 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84377 GHz	-47.66 dBm	-7.66 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.82060 GHz	-47.26 dBm	-7.26 dB

Date: 8.APR.2019 21:43:08

LTE Band 30 / 5MHz

Highest Channel / QPSK

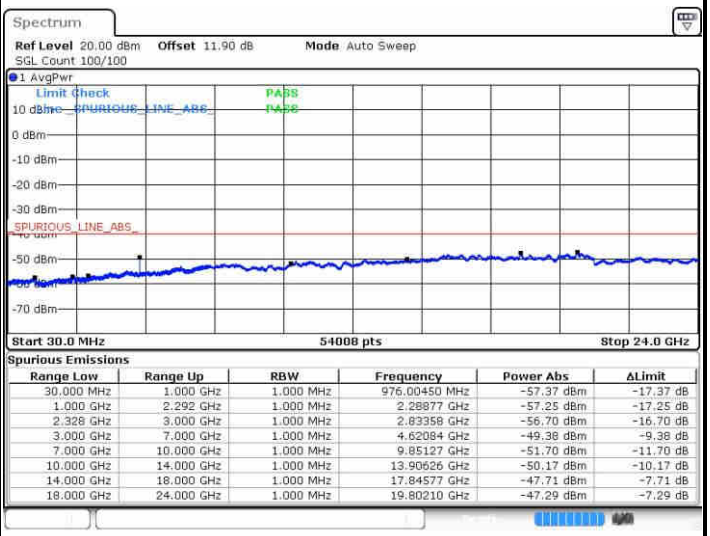


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-57.38 dBm	-17.38 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29178 GHz	-57.11 dBm	-17.11 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.94632 GHz	-56.77 dBm	-16.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.62084 GHz	-48.51 dBm	-8.51 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93126 GHz	-51.55 dBm	-11.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44044 GHz	-50.29 dBm	-10.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84827 GHz	-47.69 dBm	-7.69 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.80610 GHz	-47.17 dBm	-7.17 dB

Date: 8.APR.2019 21:43:50

Highest Channel / 16QAM



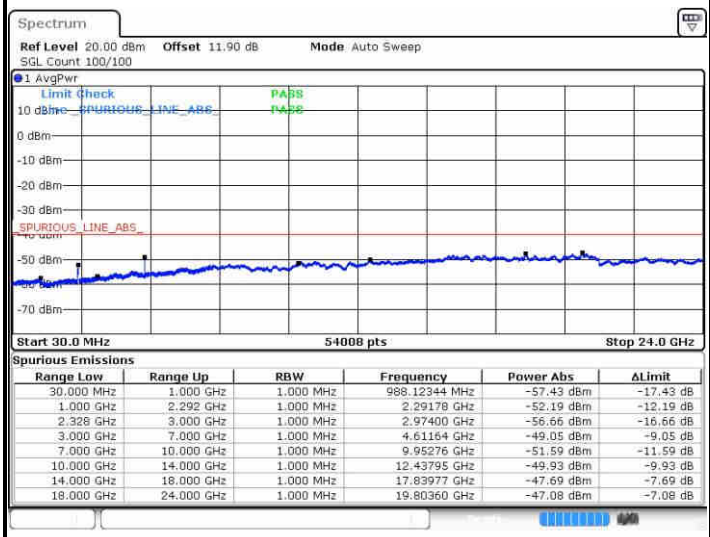
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-57.37 dBm	-17.37 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.28877 GHz	-57.25 dBm	-17.25 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.83358 GHz	-56.70 dBm	-16.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.62084 GHz	-49.38 dBm	-9.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.85127 GHz	-51.70 dBm	-11.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90626 GHz	-50.17 dBm	-10.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84577 GHz	-47.71 dBm	-7.71 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.80210 GHz	-47.29 dBm	-7.29 dB

Date: 8.APR.2019 21:44:34

LTE Band 30 / 10MHz

Middle Channel / QPSK

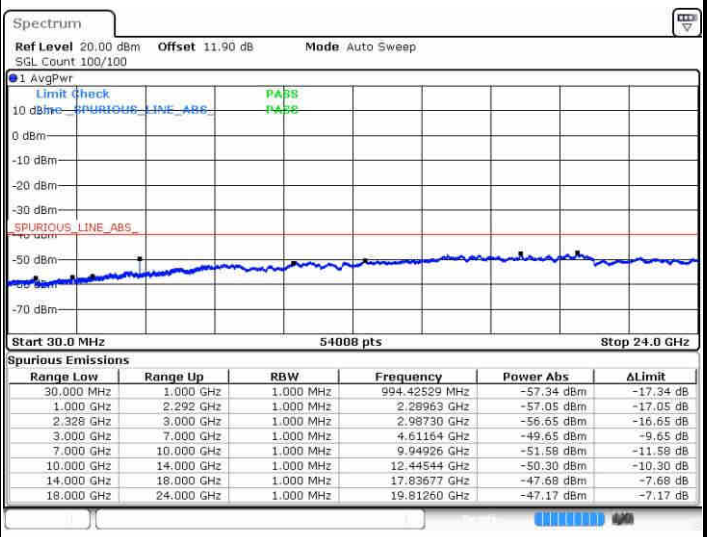


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-57.43 dBm	-17.43 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29178 GHz	-52.19 dBm	-12.19 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.97400 GHz	-56.66 dBm	-16.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61164 GHz	-49.05 dBm	-9.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95276 GHz	-51.59 dBm	-11.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43795 GHz	-49.93 dBm	-9.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83977 GHz	-47.69 dBm	-7.69 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.80360 GHz	-47.08 dBm	-7.08 dB

Date: 8.APR.2019 21:48:08

Middle Channel / 16QAM



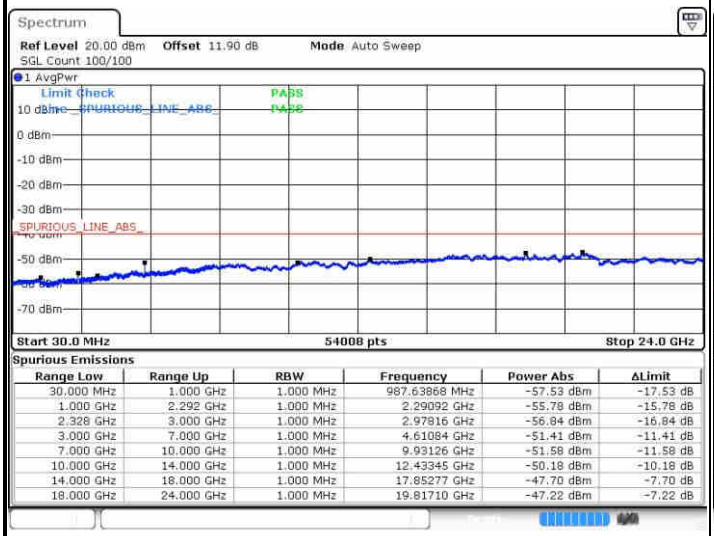
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-57.34 dBm	-17.34 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.28963 GHz	-57.05 dBm	-17.05 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.98730 GHz	-56.65 dBm	-16.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61164 GHz	-49.65 dBm	-9.65 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-51.58 dBm	-11.58 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44544 GHz	-50.30 dBm	-10.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83677 GHz	-47.68 dBm	-7.68 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.81260 GHz	-47.17 dBm	-7.17 dB

Date: 8.APR.2019 21:48:50

LTE Band 30 / 5MHz

Lowest Channel / 64QAM

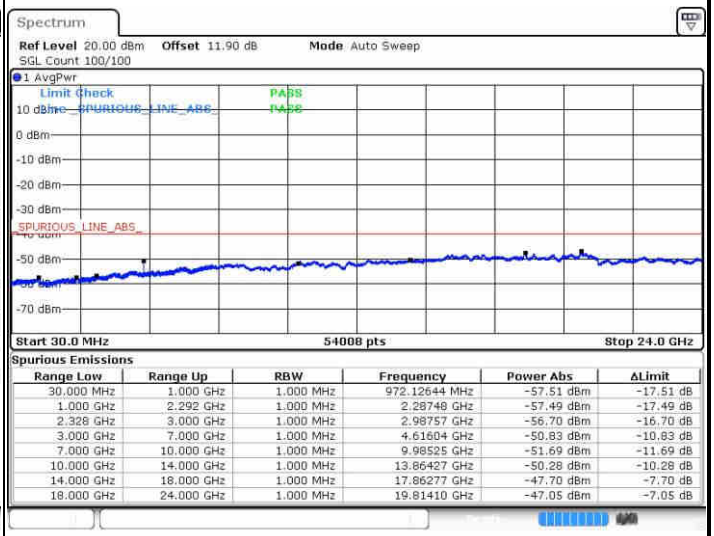


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-57.53 dBm	-17.53 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29092 GHz	-55.78 dBm	-15.78 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.97816 GHz	-56.84 dBm	-16.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61084 GHz	-51.41 dBm	-11.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93126 GHz	-51.58 dBm	-11.58 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43345 GHz	-50.18 dBm	-10.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85277 GHz	-47.70 dBm	-7.70 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.81710 GHz	-47.22 dBm	-7.22 dB

Date: 8.APR.2019 21:45:17

Middle Channel / 64QAM

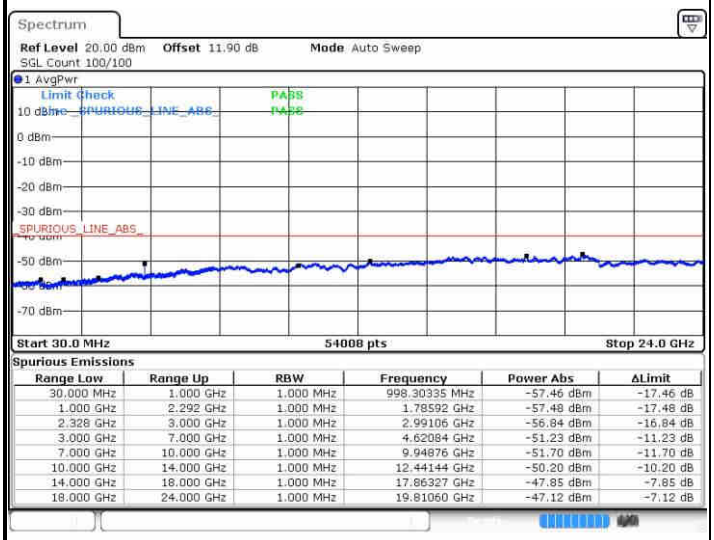


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-57.51 dBm	-17.51 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.28748 GHz	-57.49 dBm	-17.49 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.98757 GHz	-56.70 dBm	-16.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61604 GHz	-50.83 dBm	-10.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98525 GHz	-51.69 dBm	-11.69 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.86427 GHz	-50.28 dBm	-10.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86277 GHz	-47.70 dBm	-7.70 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.81410 GHz	-47.05 dBm	-7.05 dB

Date: 8.APR.2019 21:46:00

Highest Channel / 64QAM

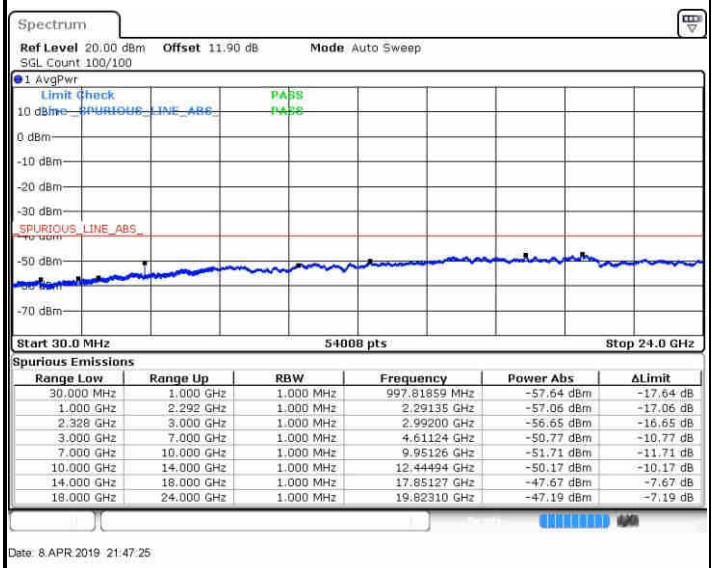


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-57.46 dBm	-17.46 dB
1.000 GHz	2.292 GHz	1.000 MHz	1.78592 GHz	-57.48 dBm	-17.48 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.99106 GHz	-56.84 dBm	-16.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.62084 GHz	-51.23 dBm	-11.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94876 GHz	-51.70 dBm	-11.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44144 GHz	-50.20 dBm	-10.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86327 GHz	-47.85 dBm	-7.85 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.81060 GHz	-47.12 dBm	-7.12 dB

Date: 8.APR.2019 21:46:42

LTE Band 30 / 10MHz	
Middle Channel / 64QAM	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-57.64 dBm	-17.64 dB
1.000 GHz	2.292 GHz	1.000 MHz	2.29135 GHz	-57.06 dBm	-17.06 dB
2.328 GHz	3.000 GHz	1.000 MHz	2.99200 GHz	-56.65 dBm	-16.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	4.61124 GHz	-50.77 dBm	-10.77 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95126 GHz	-51.71 dBm	-11.71 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44494 GHz	-50.17 dBm	-10.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85127 GHz	-47.67 dBm	-7.67 dB
18.000 GHz	24.000 GHz	1.000 MHz	19.82310 GHz	-47.19 dBm	-7.19 dB

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

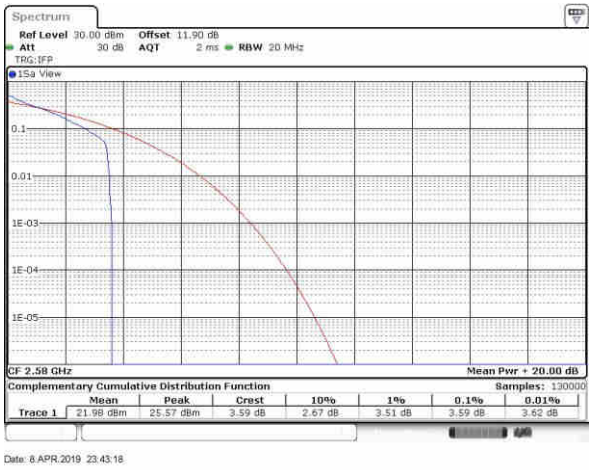
LTE Band 38

Peak-to-Average Ratio

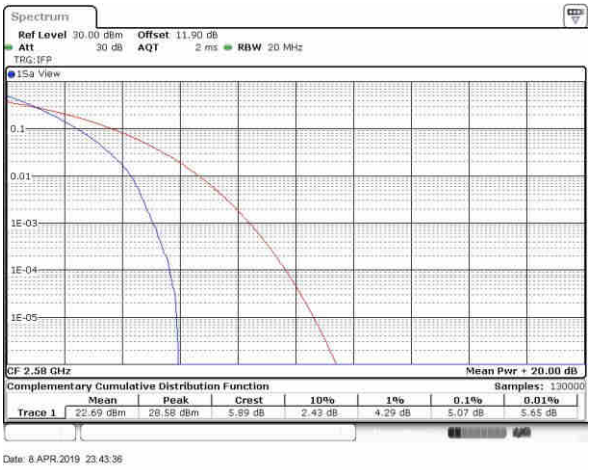
Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	5.07	4.29	6.00	PASS
Middle CH	3.62	5.01	4.46	5.94	
Highest CH	3.54	4.96	4.26	5.91	
Mode	LTE Band 38 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.19	6.52	-	-	PASS
Middle CH	5.45	6.46	-	-	
Highest CH	5.13	6.46	-	-	

LTE Band 38 / 20MHz / QPSK

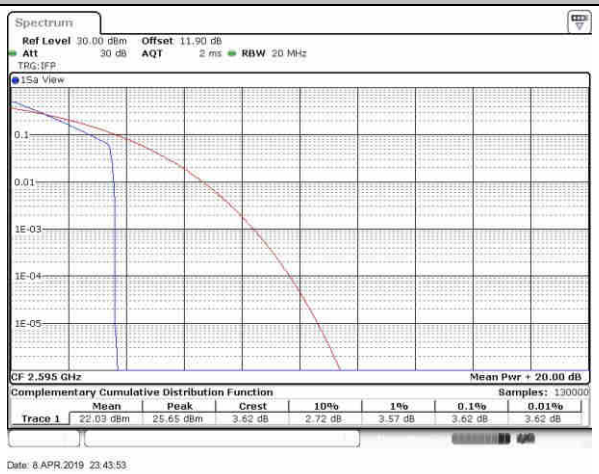
Lowest Channel / 1RB



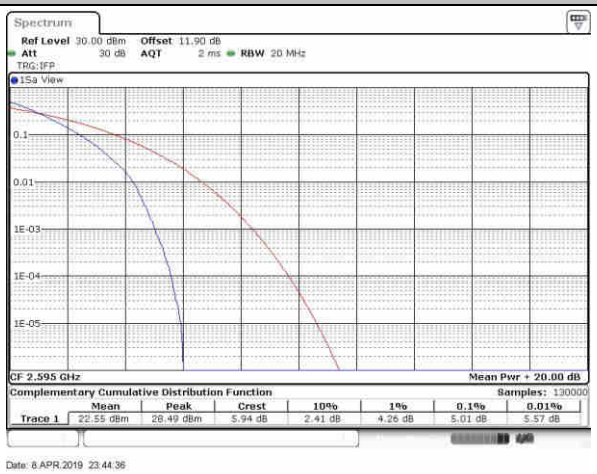
Lowest Channel / Full RB



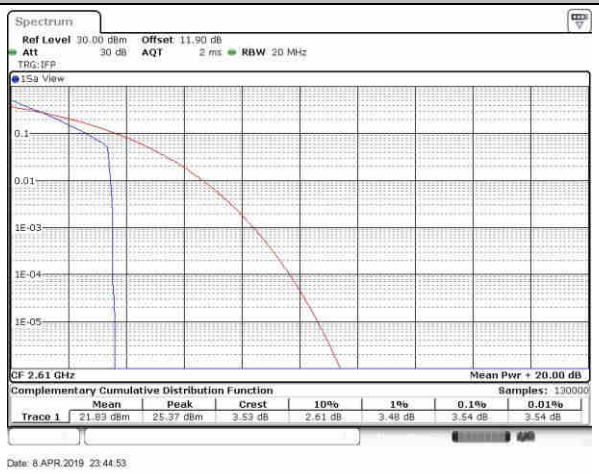
Middle Channel / 1RB



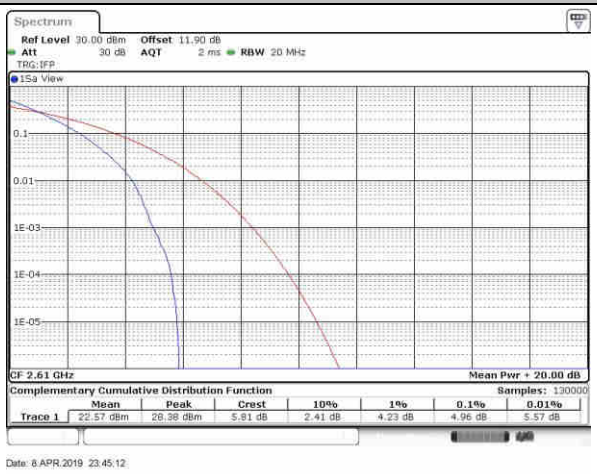
Middle Channel / Full RB



Highest Channel / 1RB

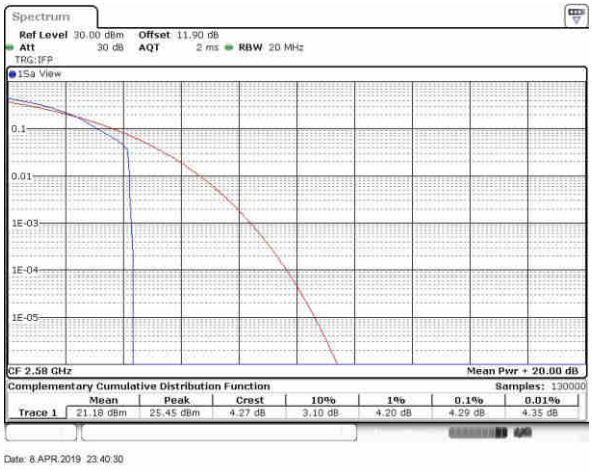


Highest Channel / Full RB

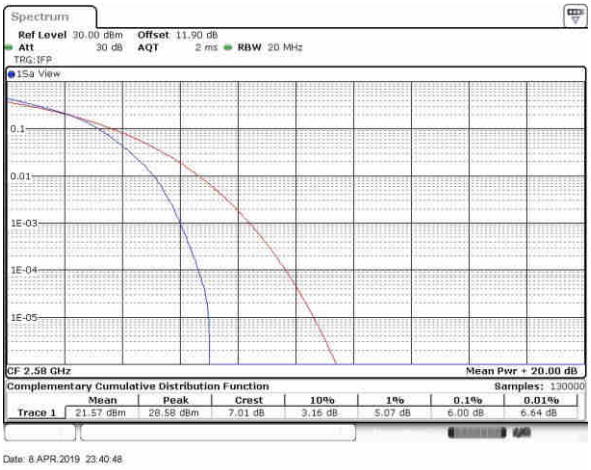


LTE Band 38 / 20MHz / 16QAM

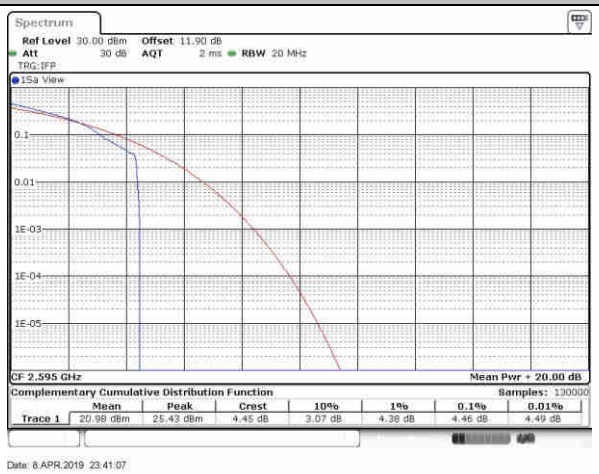
Lowest Channel / 1RB



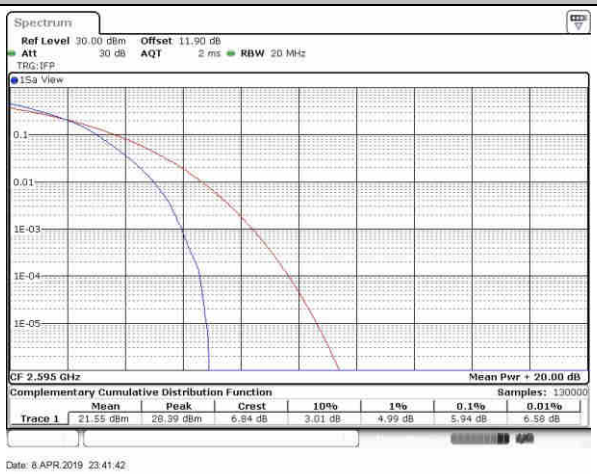
Lowest Channel / Full RB



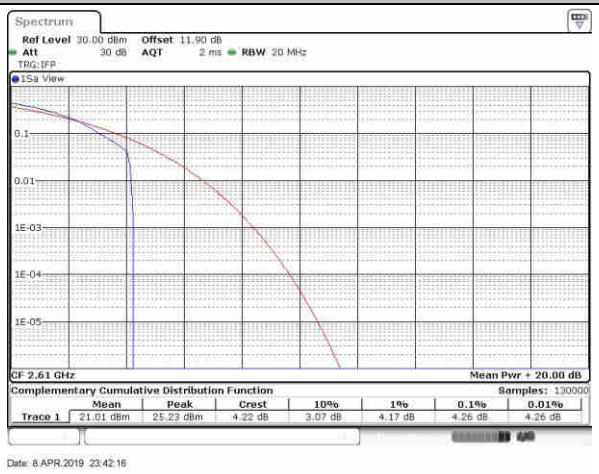
Middle Channel / 1RB



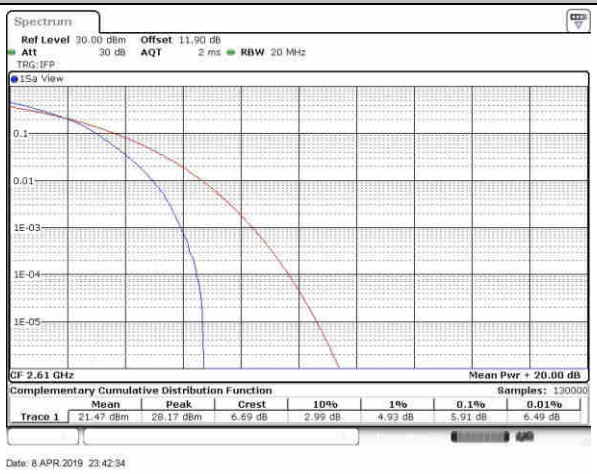
Middle Channel / Full RB



Highest Channel / 1RB

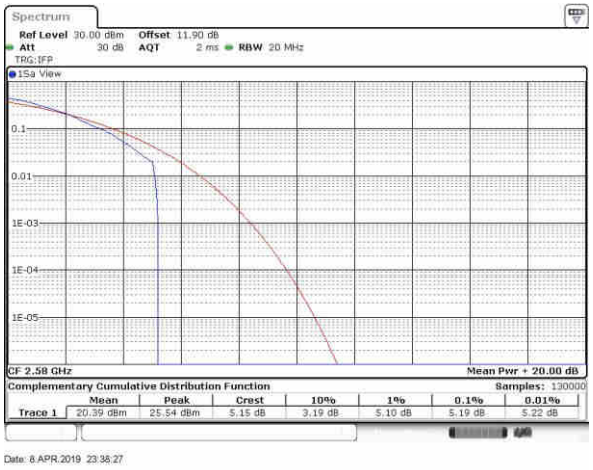


Highest Channel / Full RB

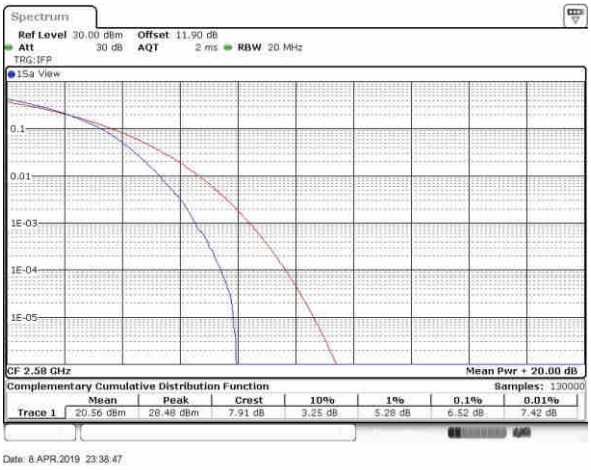


LTE Band 38 / 20MHz / 64QAM

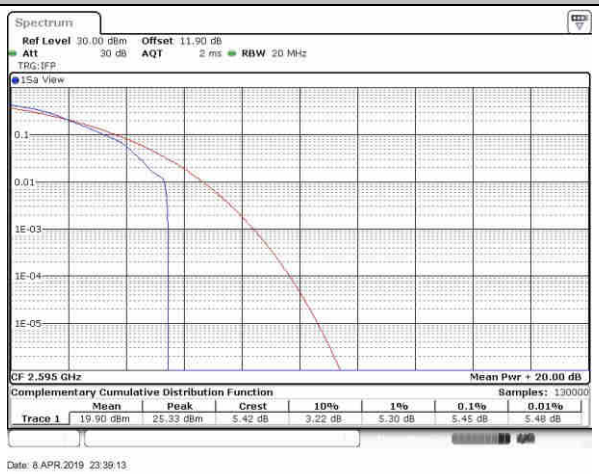
Lowest Channel / 1RB



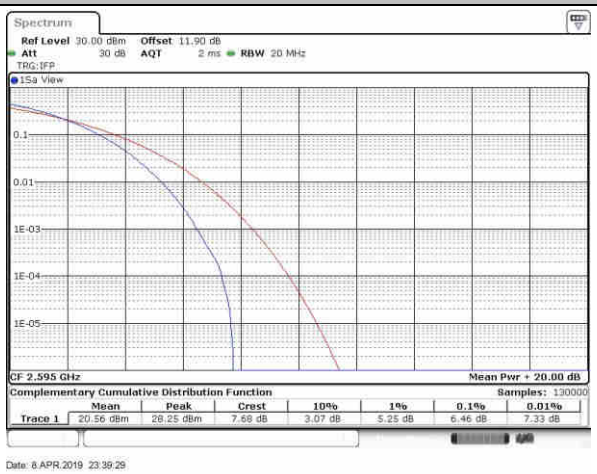
Lowest Channel / Full RB



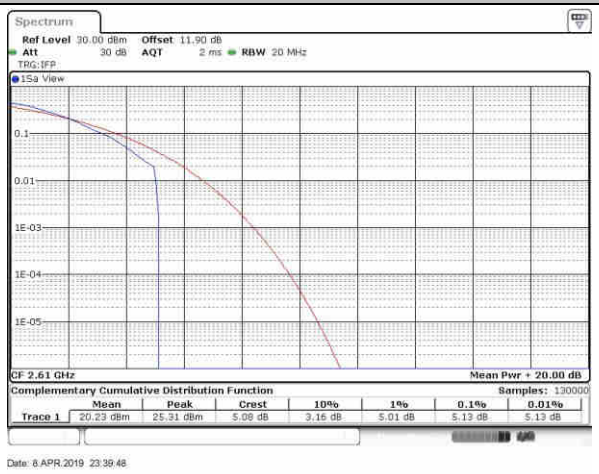
Middle Channel / 1RB



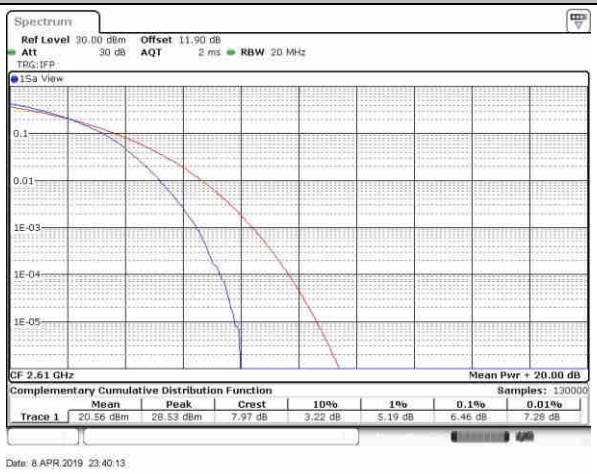
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



26dB Bandwidth

Mode	LTE Band 38 : 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	-	-	-	-	4.85	4.85	9.73	9.63	14.24	14.15	18.82	18.86
Middle CH	-	-	-	-	4.88	4.73	9.69	9.75	14.21	14.36	19.34	18.66
Highest CH	-	-	-	-	4.87	4.82	9.75	9.71	14.27	14.18	18.74	18.66
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.88	-	9.69	-	14.33	-	18.62	-
Middle CH	-	-	-	-	4.83	-	9.65	-	14.12	-	18.78	-
Highest CH	-	-	-	-	4.79	-	9.79	-	14.48	-	18.74	-