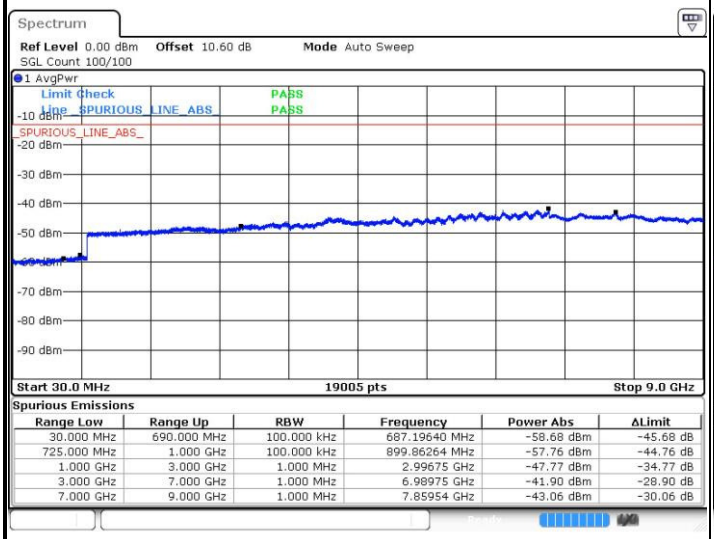
LTE Band 12 / 1.4MHz

Highest Channel / QPSK

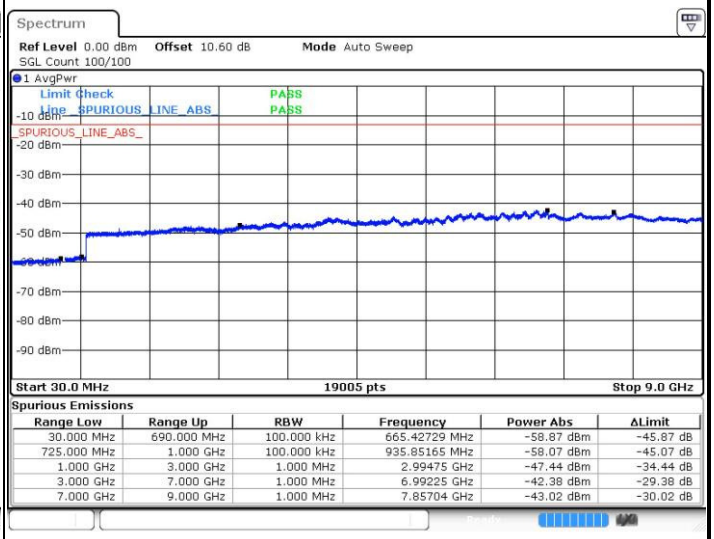


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.19640 MHz	-58.68 dBm	-45.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	899.86264 MHz	-57.76 dBm	-44.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99675 GHz	-47.77 dBm	-34.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.90 dBm	-28.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.06 dBm	-30.06 dB

Date: 5.APR.2017 22:50:56

Highest Channel / 16QAM



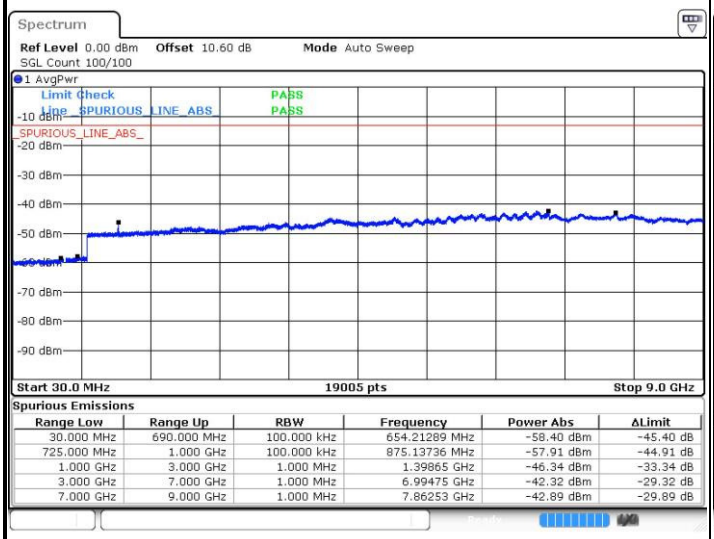
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	665.42729 MHz	-58.87 dBm	-45.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	935.85165 MHz	-58.07 dBm	-45.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99475 GHz	-47.44 dBm	-34.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.38 dBm	-29.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.02 dBm	-30.02 dB

Date: 5.APR.2017 22:51:50

LTE Band 12 / 3MHz

Lowest Channel / QPSK

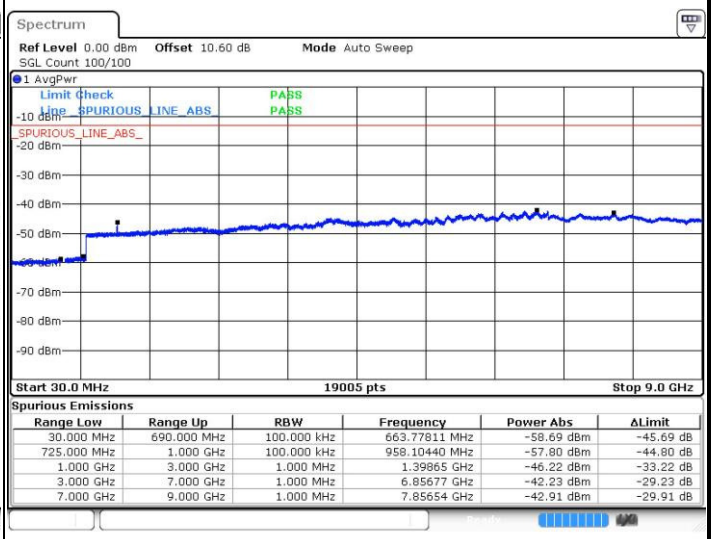


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-58.40 dBm	-45.40 dB
725.000 MHz	1.000 GHz	100.000 kHz	875.13736 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.34 dBm	-33.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86253 GHz	-42.89 dBm	-29.89 dB

Date: 5.APR.2017 21:50:18

Lowest Channel / 16QAM



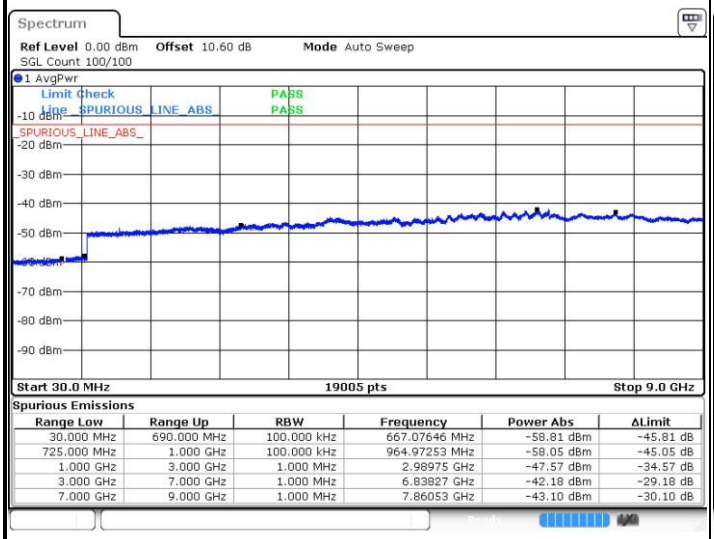
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	663.77811 MHz	-58.69 dBm	-45.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	958.10440 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85677 GHz	-42.23 dBm	-29.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85654 GHz	-42.91 dBm	-29.91 dB

Date: 5.APR.2017 21:51:12

LTE Band 12 / 3MHz

Middle Channel / QPSK

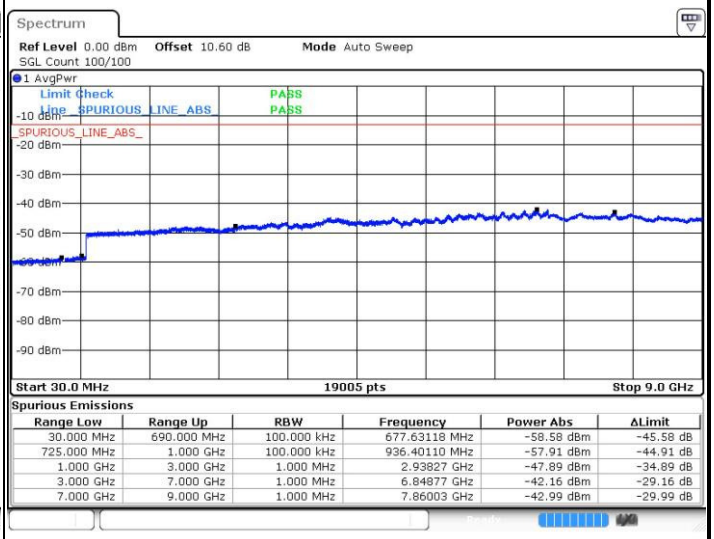


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.07646 MHz	-58.81 dBm	-45.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	964.97253 MHz	-58.05 dBm	-45.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98975 GHz	-47.57 dBm	-34.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83827 GHz	-42.18 dBm	-29.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.10 dBm	-30.10 dB

Date: 5.APR.2017 21:53:42

Middle Channel / 16QAM

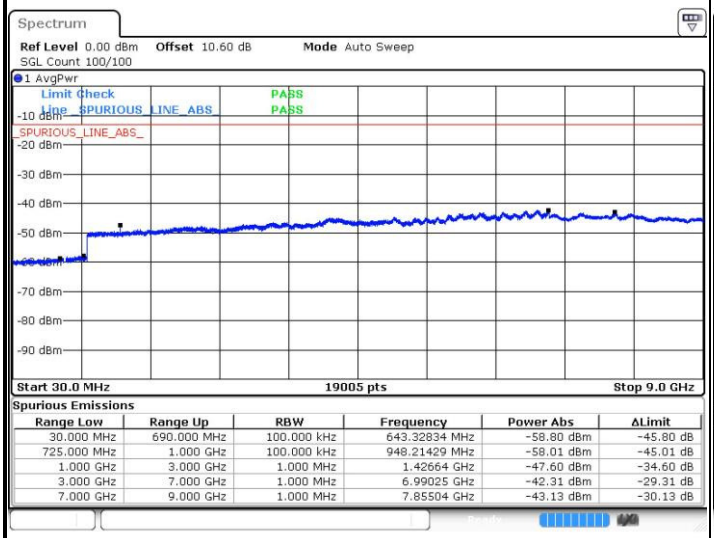


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.63118 MHz	-58.58 dBm	-45.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	936.40110 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.93827 GHz	-47.89 dBm	-34.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-42.16 dBm	-29.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-42.99 dBm	-29.99 dB

Date: 5.APR.2017 21:52:48

Highest Channel / QPSK

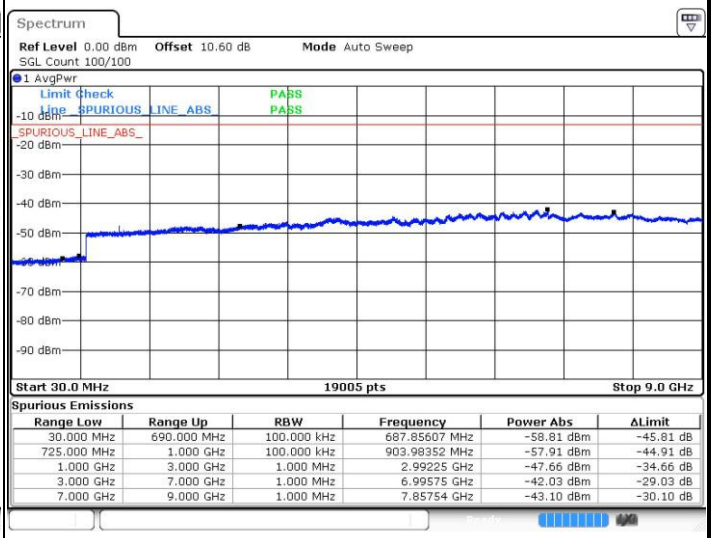


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	643.32834 MHz	-58.80 dBm	-45.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	948.21429 MHz	-58.01 dBm	-45.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.31 dBm	-29.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.13 dBm	-30.13 dB

Date: 5.APR.2017 21:59:54

Highest Channel / 16QAM



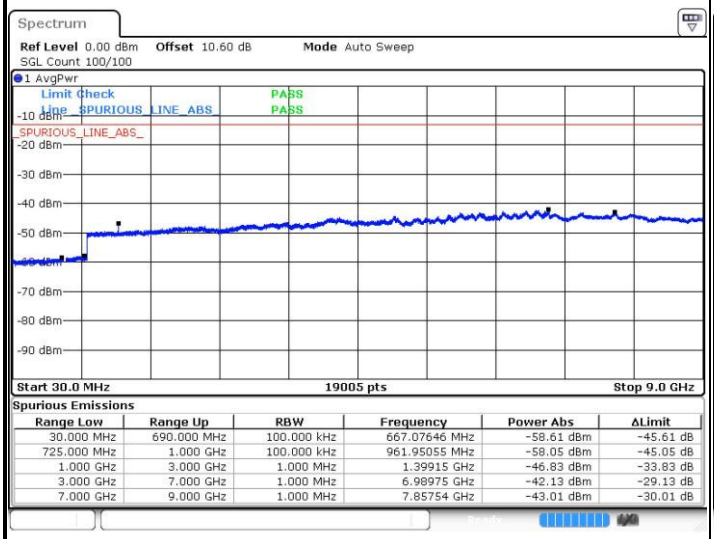
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.85607 MHz	-58.81 dBm	-45.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	903.98352 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.66 dBm	-34.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-42.03 dBm	-29.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.10 dBm	-30.10 dB

Date: 5.APR.2017 22:00:49

LTE Band 12 / 5MHz

Lowest Channel / QPSK

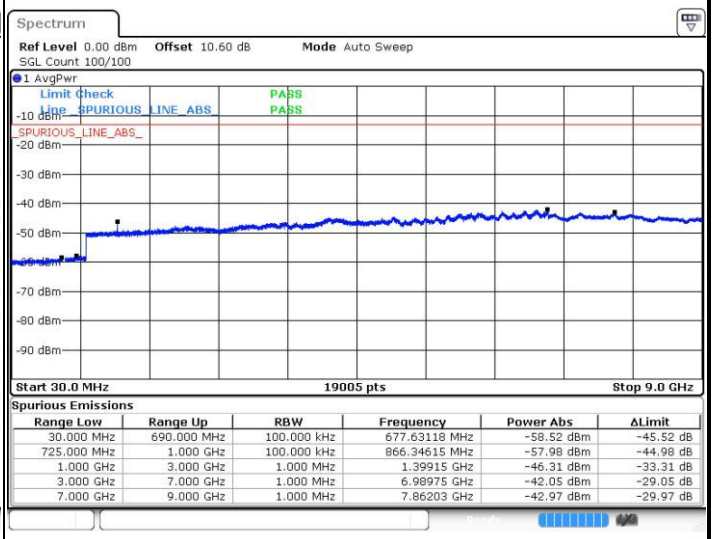


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.07646 MHz	-58.61 dBm	-45.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	961.95055 MHz	-58.05 dBm	-45.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.01 dBm	-30.01 dB

Date: 5.APR.2017 22:07:01

Lowest Channel / 16QAM

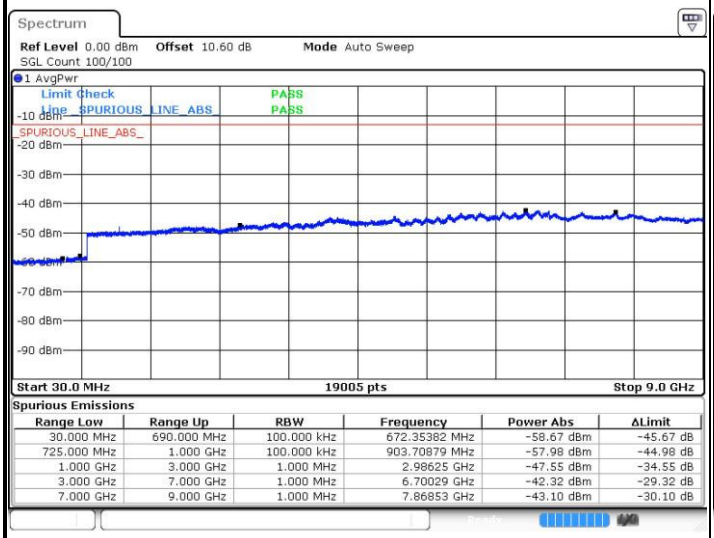


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.63118 MHz	-58.52 dBm	-45.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	866.34615 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.05 dBm	-29.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-42.97 dBm	-29.97 dB

Date: 5.APR.2017 22:07:55

Middle Channel / QPSK

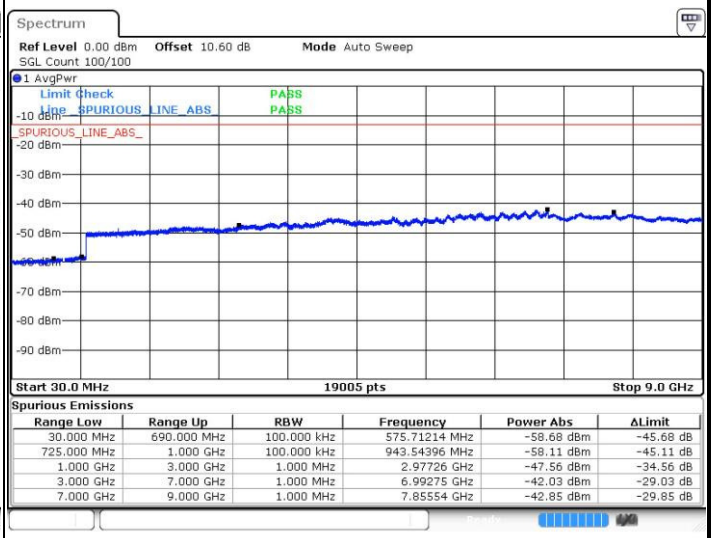


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	672.35382 MHz	-58.67 dBm	-45.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	903.70879 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98625 GHz	-47.55 dBm	-34.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.70029 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86853 GHz	-43.10 dBm	-30.10 dB

Date: 5.APR.2017 22:10:25

Middle Channel / 16QAM



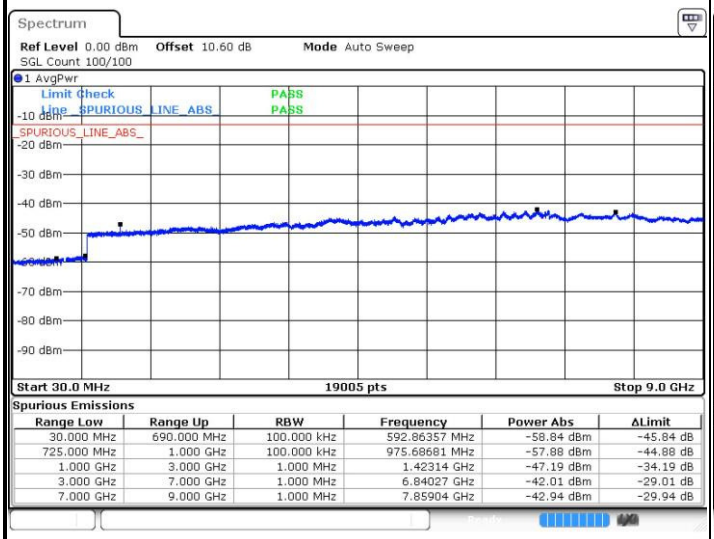
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	575.71214 MHz	-58.68 dBm	-45.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	943.54396 MHz	-58.11 dBm	-45.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97726 GHz	-47.56 dBm	-34.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.03 dBm	-29.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85554 GHz	-42.85 dBm	-29.85 dB

Date: 5.APR.2017 22:09:31

LTE Band 12 / 5MHz

Highest Channel / QPSK

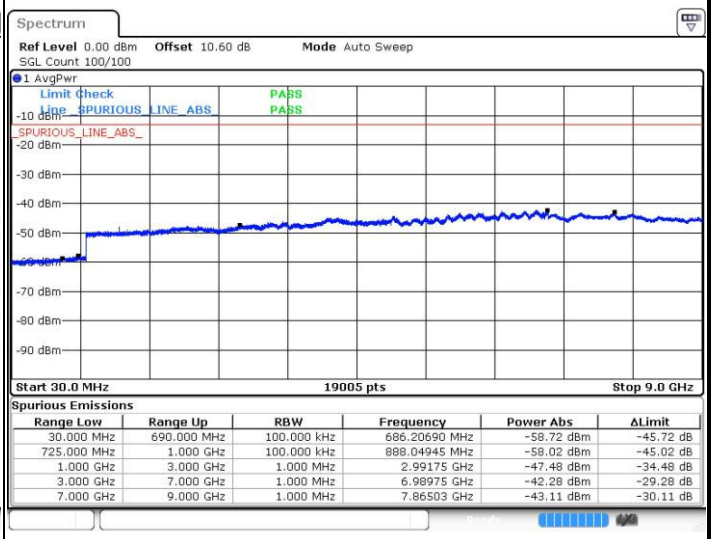


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	592.86357 MHz	-58.84 dBm	-45.84 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.68681 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84027 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-42.94 dBm	-29.94 dB

Date: 5.APR.2017 22:17:32

Highest Channel / 16QAM



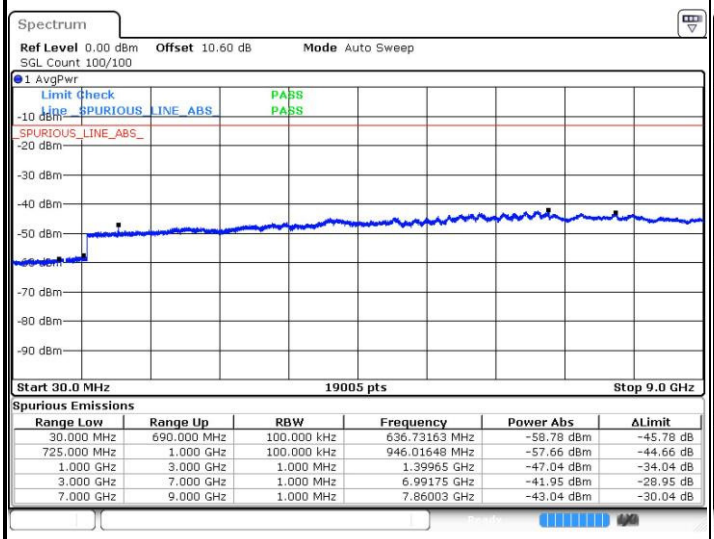
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-58.72 dBm	-45.72 dB
725.000 MHz	1.000 GHz	100.000 kHz	888.04945 MHz	-58.02 dBm	-45.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99175 GHz	-47.48 dBm	-34.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.28 dBm	-29.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86503 GHz	-43.11 dBm	-30.11 dB

Date: 5.APR.2017 22:16:38

LTE Band 12 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	636.73163 MHz	-58.78 dBm	-45.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	946.01648 MHz	-57.66 dBm	-44.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-47.04 dBm	-34.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.95 dBm	-28.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86003 GHz	-43.04 dBm	-30.04 dB

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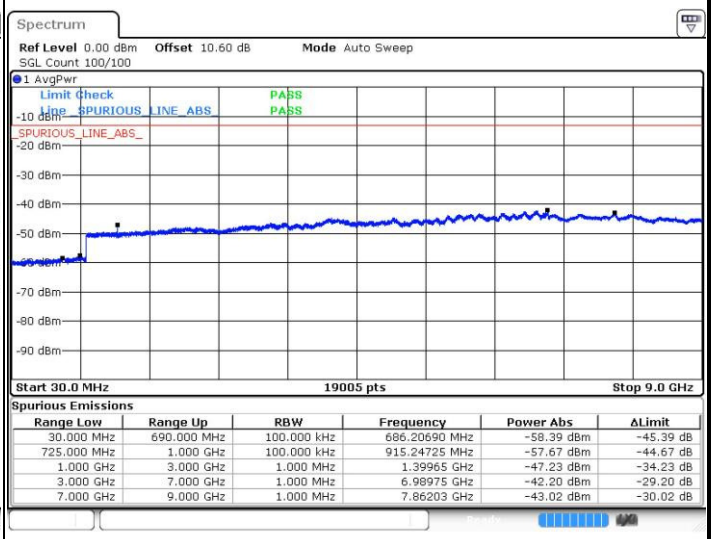
Lowest Channel / 16QAM



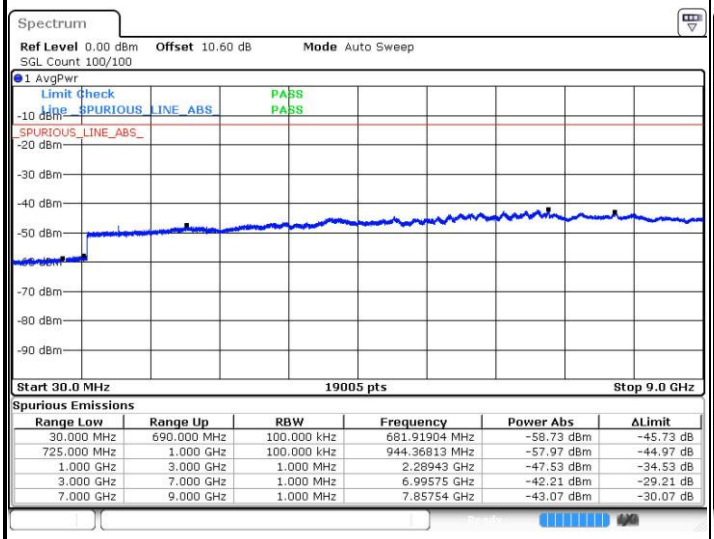
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-58.39 dBm	-45.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	915.24725 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.20 dBm	-29.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-43.02 dBm	-30.02 dB

Date: 5.APR.2017 22:24:39

LTE Band 12 / 10MHz

Middle Channel / QPSK

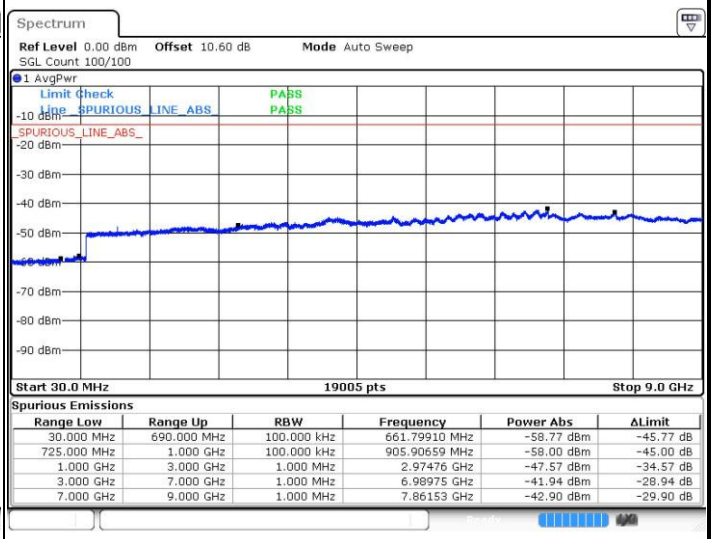


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	681.91904 MHz	-58.73 dBm	-45.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	944.36813 MHz	-57.97 dBm	-44.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.28943 GHz	-47.53 dBm	-34.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-42.21 dBm	-29.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.07 dBm	-30.07 dB

Date: 5.APR.2017 22:27:09

Middle Channel / 16QAM

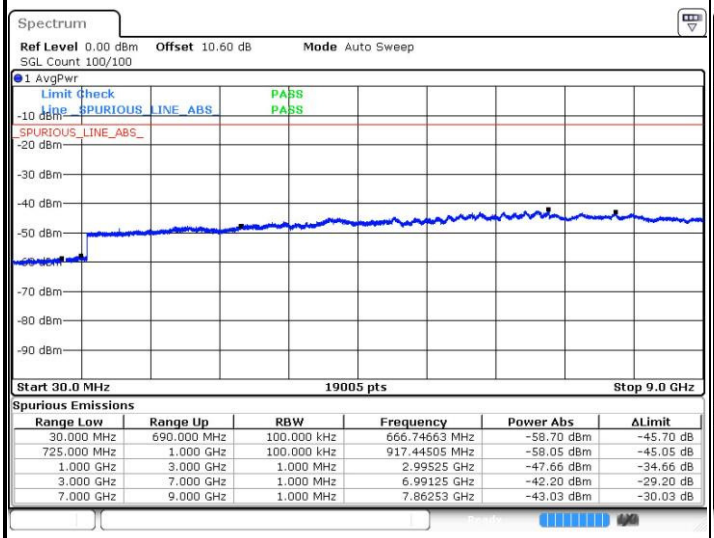


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.79910 MHz	-58.77 dBm	-45.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	905.90659 MHz	-58.00 dBm	-45.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97476 GHz	-47.57 dBm	-34.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.94 dBm	-28.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-42.90 dBm	-29.90 dB

Date: 5.APR.2017 22:26:15

Highest Channel / QPSK

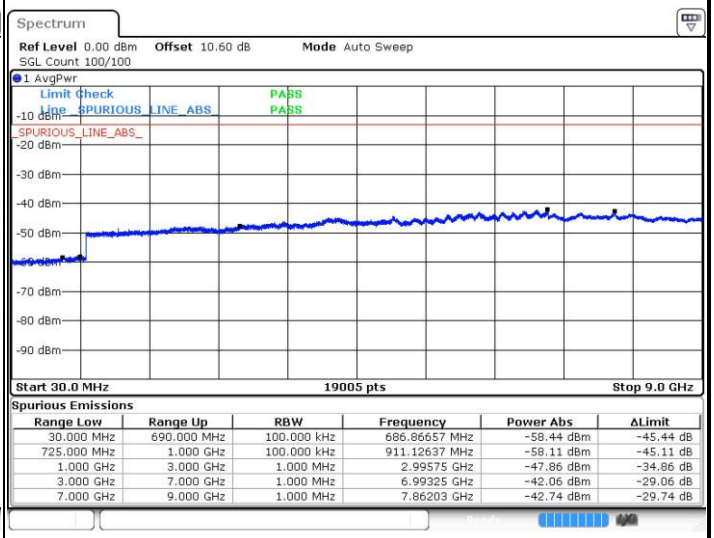


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.74663 MHz	-58.70 dBm	-45.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.44505 MHz	-58.05 dBm	-45.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-47.66 dBm	-34.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.20 dBm	-29.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86253 GHz	-43.03 dBm	-30.03 dB

Date: 5.APR.2017 22:33:21

Highest Channel / 16QAM

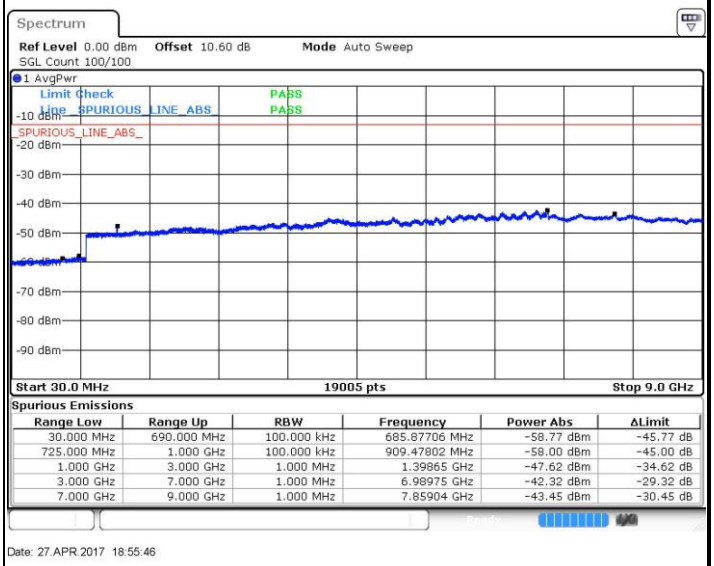


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-58.44 dBm	-45.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	911.12637 MHz	-58.11 dBm	-45.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99575 GHz	-47.86 dBm	-34.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-42.06 dBm	-29.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-42.74 dBm	-29.74 dB

Date: 5.APR.2017 22:34:16

LTE Band 12 / 1.4MHz	
	Lowest Channel / 64QAM

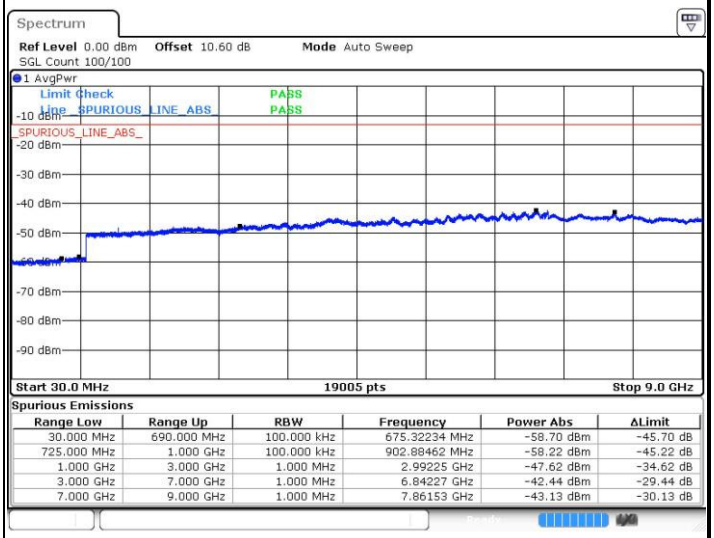


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.87706 MHz	-58.77 dBm	-45.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	909.47802 MHz	-58.00 dBm	-45.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-47.62 dBm	-34.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.45 dBm	-30.45 dB

Date: 27.APR.2017 18:55:46

	Middle Channel / 64QAM



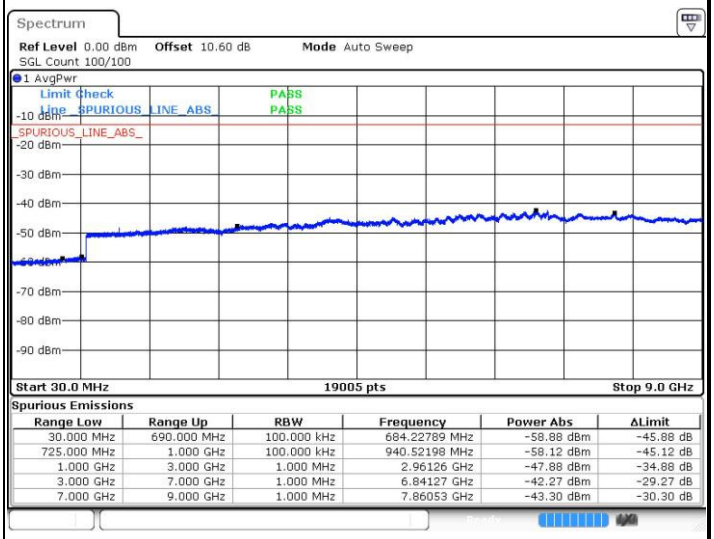
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.32234 MHz	-58.70 dBm	-45.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	902.88462 MHz	-58.22 dBm	-45.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.62 dBm	-34.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84227 GHz	-42.44 dBm	-29.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.13 dBm	-30.13 dB

Date: 27.APR.2017 18:57:01

LTE Band 12 / 1.4MHz

Highest Channel / 64QAM



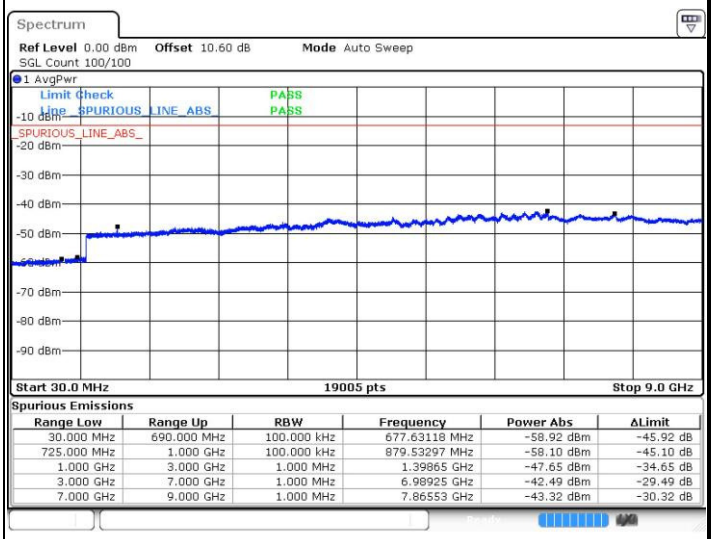
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.22789 MHz	-58.88 dBm	-45.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	940.52198 MHz	-58.12 dBm	-45.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96126 GHz	-47.88 dBm	-34.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84127 GHz	-42.27 dBm	-29.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.30 dBm	-30.30 dB

Date: 27.APR.2017 19:00:34

LTE Band 12 / 3MHz

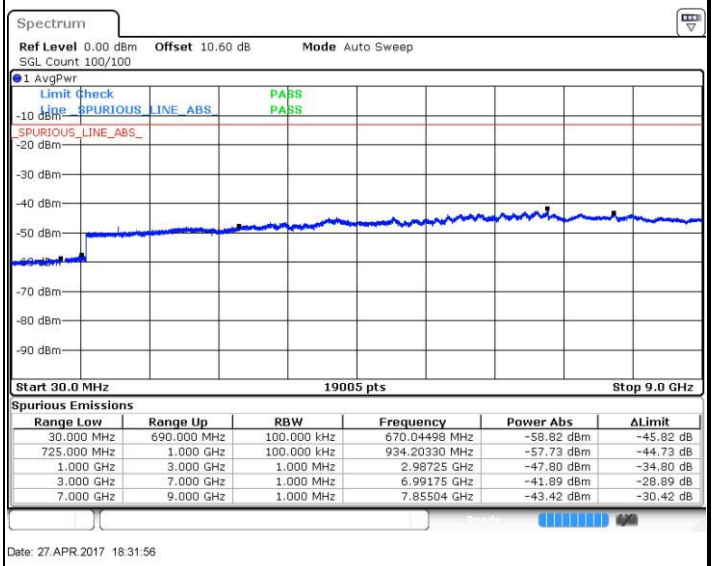
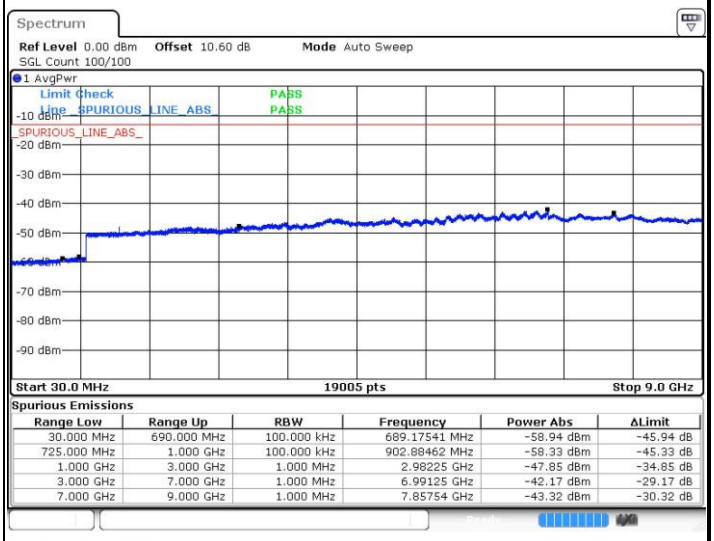
Lowest Channel / 64QAM

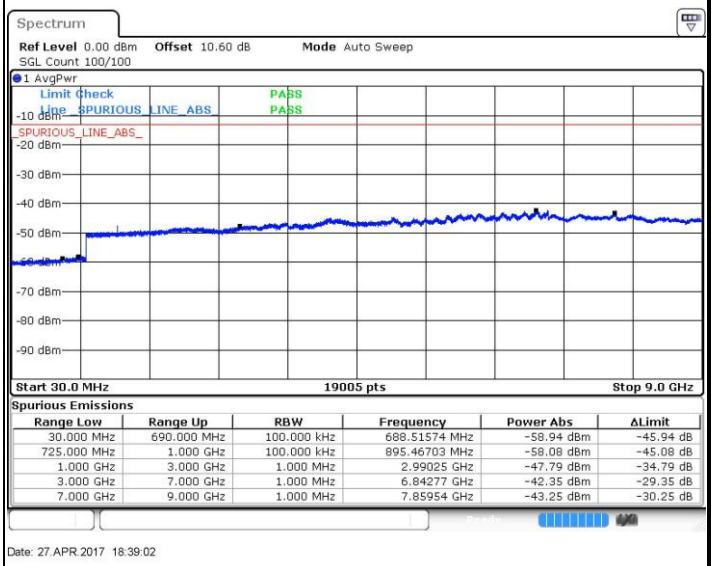
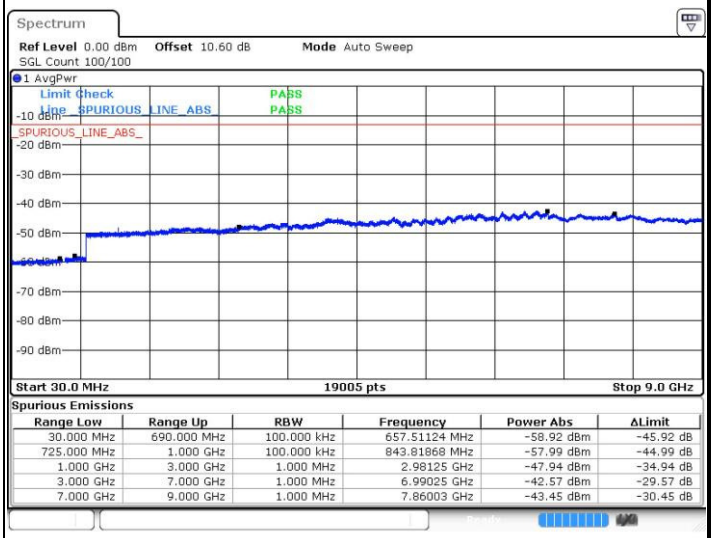


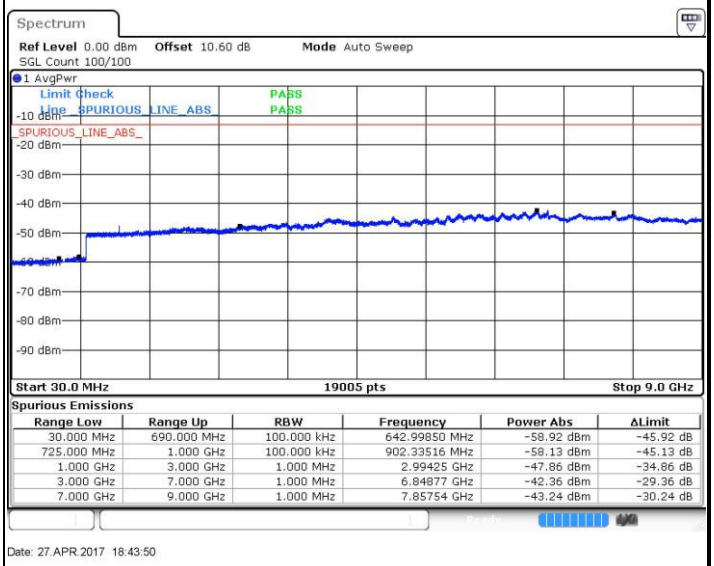
Spurious Emissions

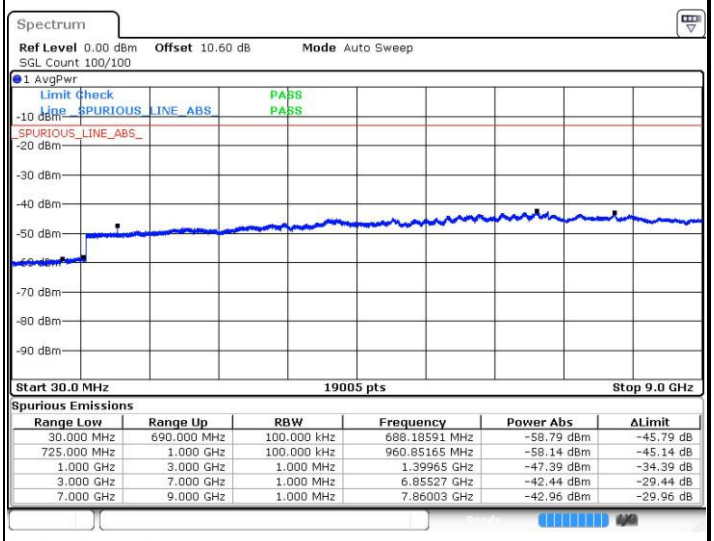
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.63118 MHz	-58.92 dBm	-45.92 dB
725.000 MHz	1.000 GHz	100.000 kHz	879.53297 MHz	-58.10 dBm	-45.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-47.65 dBm	-34.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.49 dBm	-29.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86553 GHz	-43.32 dBm	-30.32 dB

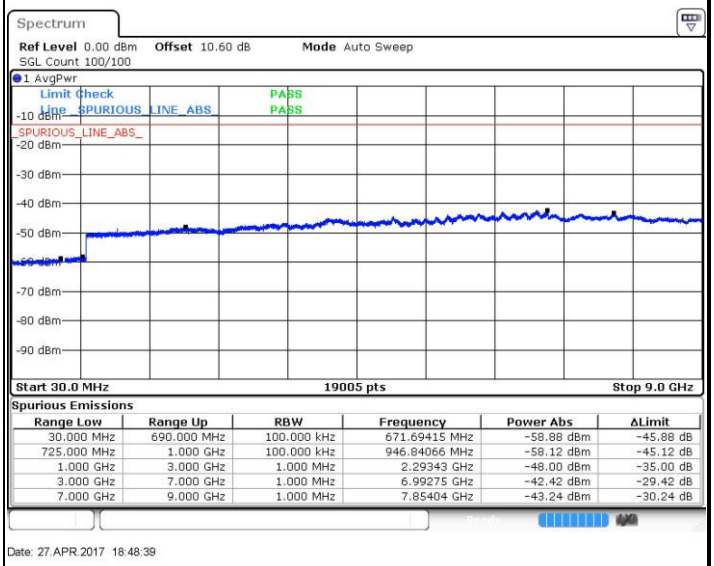
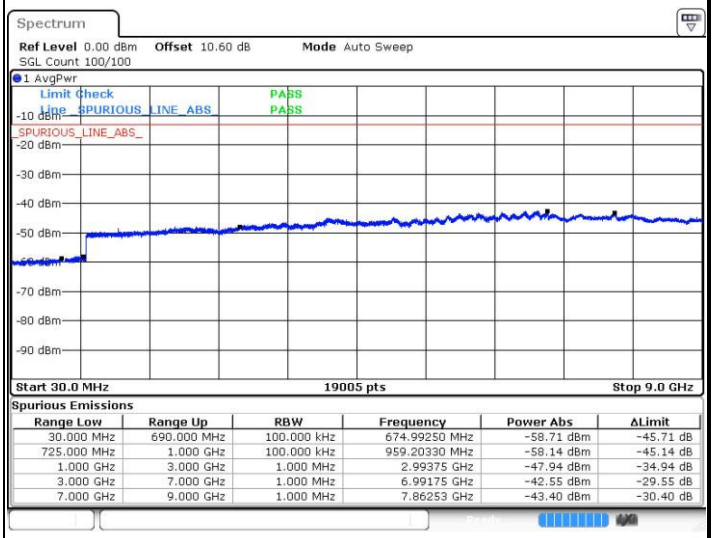
Date: 27.APR.2017 18:30:41

LTE Band 12 / 3MHz	
	Middle Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 670.04498 MHz / -58.82 dBm / -45.82 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 934.20330 MHz / -57.73 dBm / -44.73 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.98725 GHz / -47.80 dBm / -34.80 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.99175 GHz / -41.89 dBm / -28.89 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.85504 GHz / -43.42 dBm / -30.42 dB Date: 27.APR.2017 18:31:56
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 689.17541 MHz / -58.94 dBm / -45.94 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 902.88462 MHz / -58.33 dBm / -45.33 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.98225 GHz / -47.85 dBm / -34.85 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.99125 GHz / -42.17 dBm / -29.17 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.85754 GHz / -43.32 dBm / -30.32 dB Date: 27.APR.2017 18:35:29

LTE Band 12 / 5MHz	
	Lowest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 688.51574 MHz / -58.94 dBm / -45.94 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 895.46703 MHz / -58.08 dBm / -45.08 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.99025 GHz / -47.79 dBm / -34.79 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.84277 GHz / -42.35 dBm / -29.35 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.85954 GHz / -43.25 dBm / -30.25 dB Date: 27.APR.2017 18:39:02
	Middle Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 657.51124 MHz / -58.92 dBm / -45.92 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 843.81868 MHz / -57.99 dBm / -44.99 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.98125 GHz / -47.94 dBm / -34.94 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.99025 GHz / -42.57 dBm / -29.57 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.86003 GHz / -43.45 dBm / -30.45 dB Date: 27.APR.2017 18:40:17

LTE Band 12 / 5MHz	
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 642.99850 MHz / -58.92 dBm / -45.92 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 902.33516 MHz / -58.13 dBm / -45.13 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.99425 GHz / -47.86 dBm / -34.86 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.84877 GHz / -42.36 dBm / -29.36 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.85754 GHz / -43.24 dBm / -30.24 dB Date: 27.APR.2017 18:43:50

LTE Band 12 / 10MHz	
	Lowest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 688.18591 MHz / -58.79 dBm / -45.79 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 960.85165 MHz / -58.14 dBm / -45.14 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 1.39965 GHz / -47.39 dBm / -34.39 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.85527 GHz / -42.44 dBm / -29.44 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.86003 GHz / -42.96 dBm / -29.96 dB Date: 27.APR.2017 18:47:24

LTE Band 12 / 10MHz	
	Middle Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 671.69415 MHz / -58.88 dBm / -45.88 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 946.84066 MHz / -58.12 dBm / -45.12 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.29343 GHz / -48.00 dBm / -35.00 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.99275 GHz / -42.42 dBm / -29.42 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.85404 GHz / -43.24 dBm / -30.24 dB Date: 27.APR.2017 18:48:39
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 690.000 MHz / 100.000 kHz / 674.99250 MHz / -58.71 dBm / -45.71 dB 725.000 MHz / 1.000 GHz / 100.000 kHz / 959.20330 MHz / -58.14 dBm / -45.14 dB 1.000 GHz / 3.000 GHz / 1.000 MHz / 2.99375 GHz / -47.94 dBm / -34.94 dB 3.000 GHz / 7.000 GHz / 1.000 MHz / 6.99175 GHz / -42.55 dBm / -29.55 dB 7.000 GHz / 9.000 GHz / 1.000 MHz / 7.86253 GHz / -43.40 dBm / -30.40 dB Date: 27.APR.2017 18:52:12

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0120	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0122	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

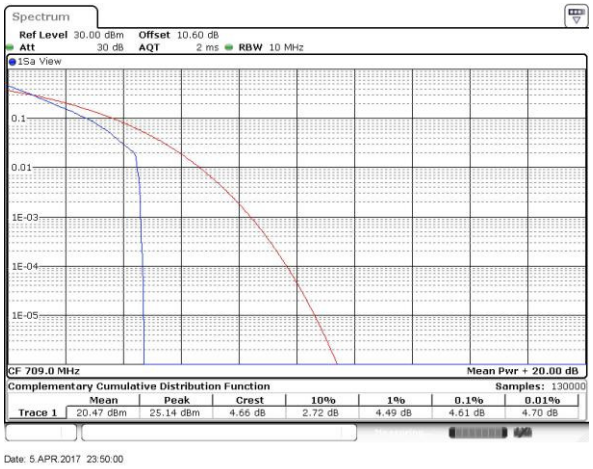
LTE Band 17

Peak-to-Average Ratio

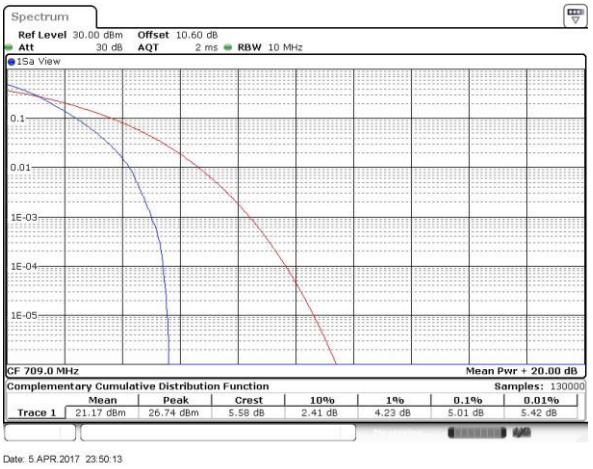
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.61	5.01	5.62	5.88	PASS
Middle CH	4.43	5.1	5.1	6	
Highest CH	4.26	5.28	5.07	5.97	
Mod.	-		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	5.39	5.97	PASS
Middle CH	-	-	4.84	5.91	
Highest CH	-	-	4.87	6	

LTE Band 17 / 10MHz / QPSK

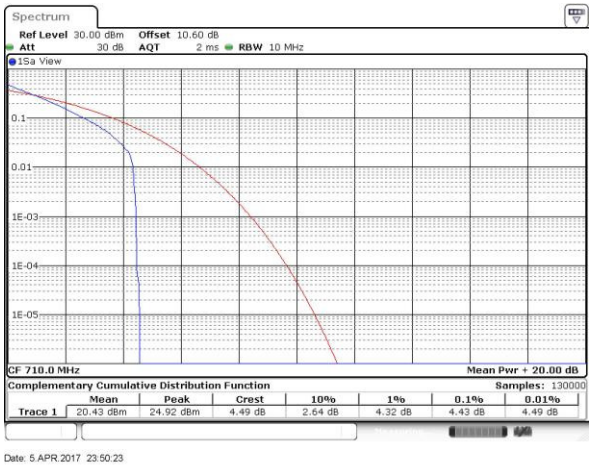
Lowest Channel / 1RB



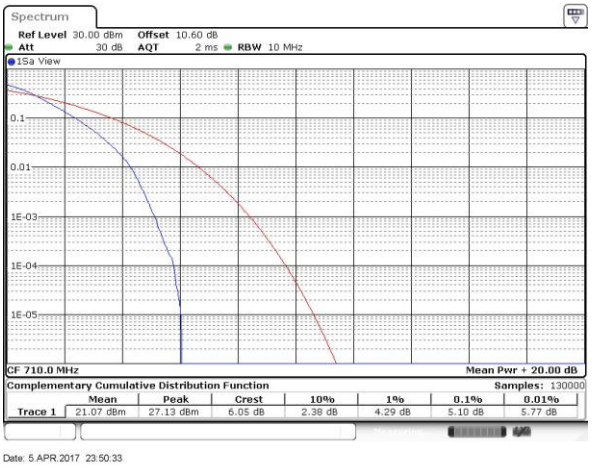
Lowest Channel / Full RB



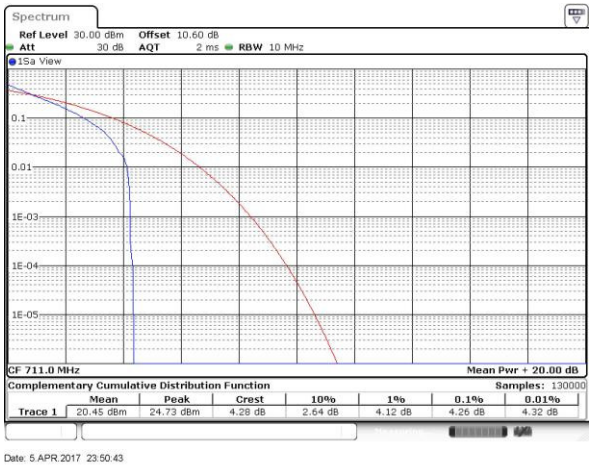
Middle Channel/ 1RB



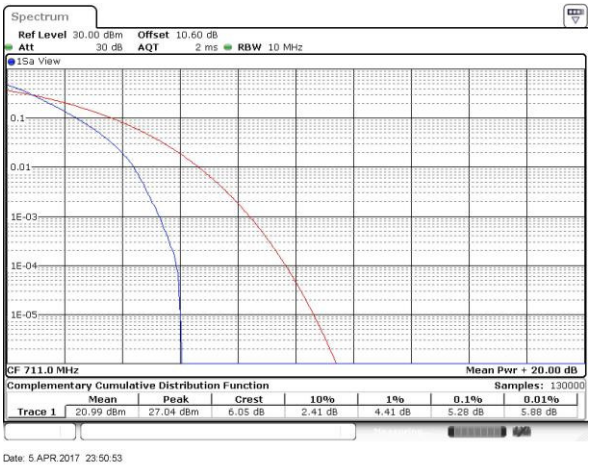
Middle Channel / Full RB



Highest Channel/ 1RB

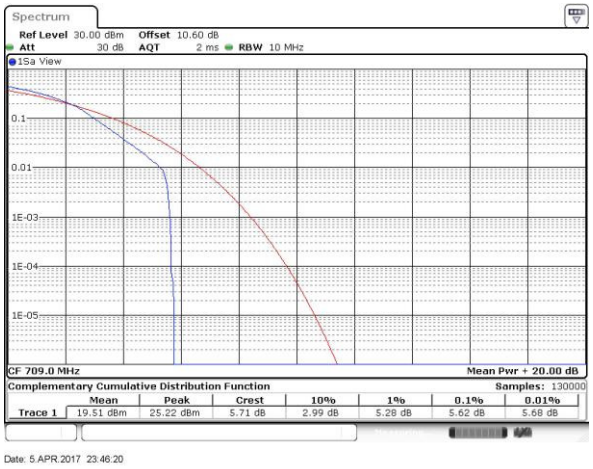


Highest Channel / Full RB

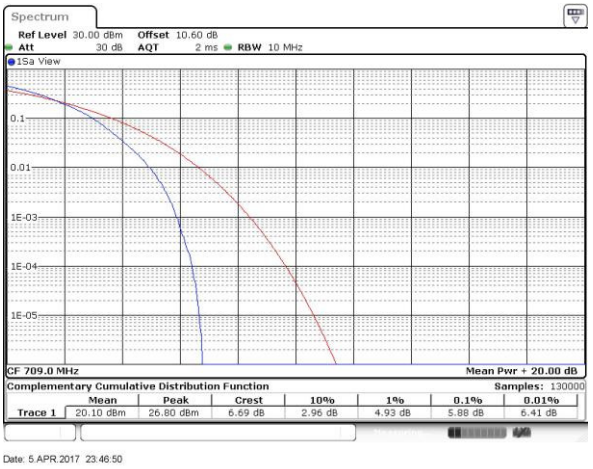


LTE Band 17 / 10MHz / 16QAM

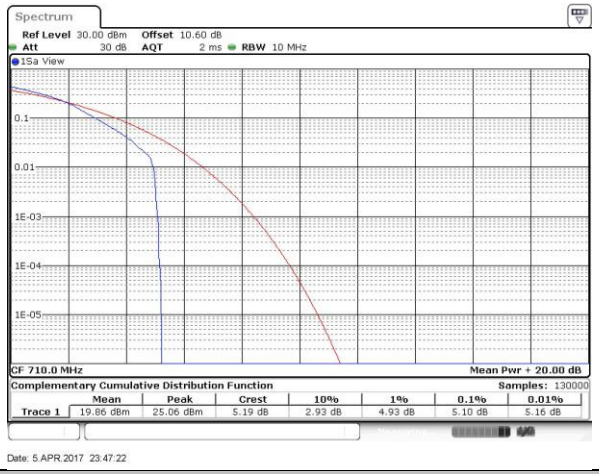
Lowest Channel / 1RB



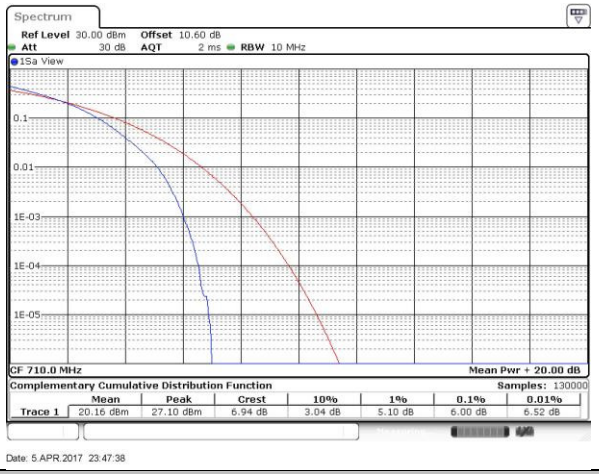
Lowest Channel / Full RB



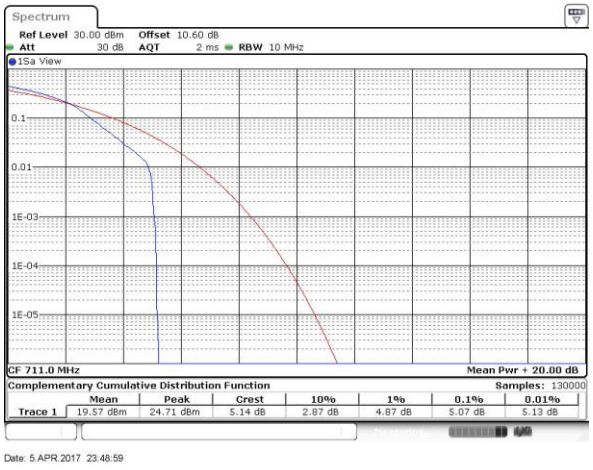
Middle Channel/ 1RB



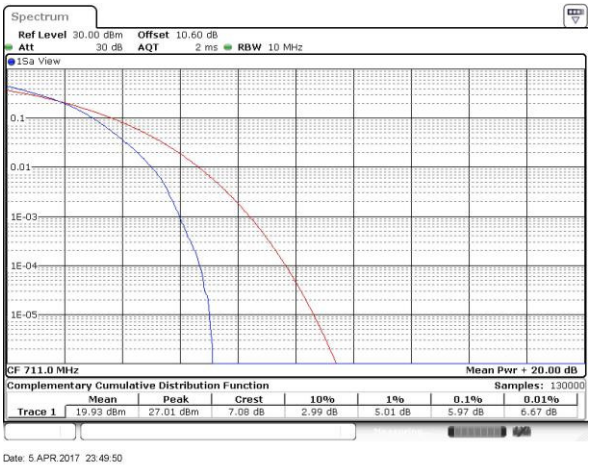
Middle Channel / Full RB



Highest Channel/ 1RB

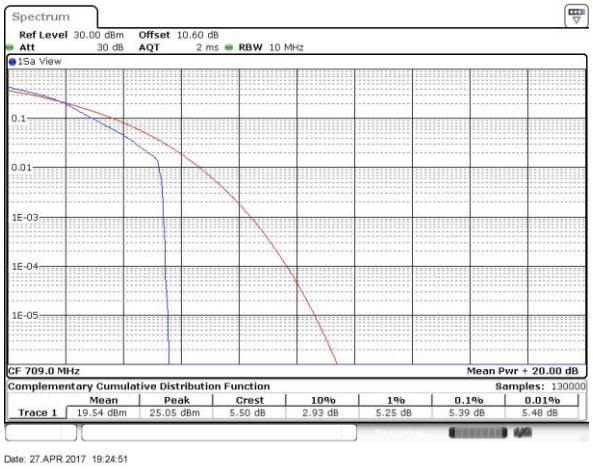


Highest Channel / Full RB

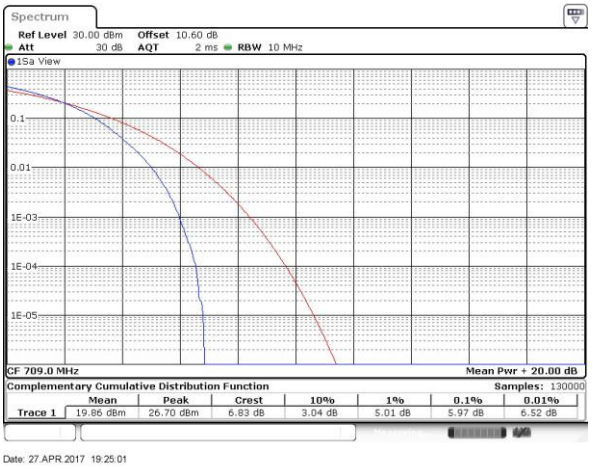


LTE Band 17 / 10MHz / 64QAM

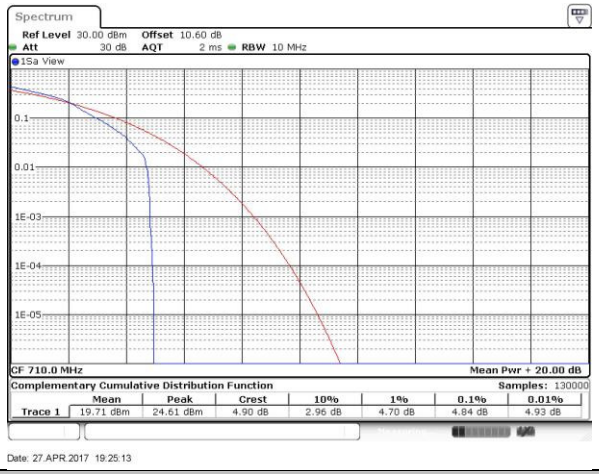
Lowest Channel / 1RB



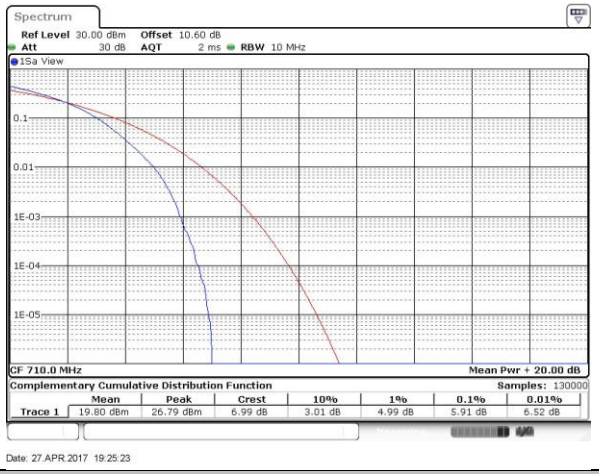
Lowest Channel / Full RB



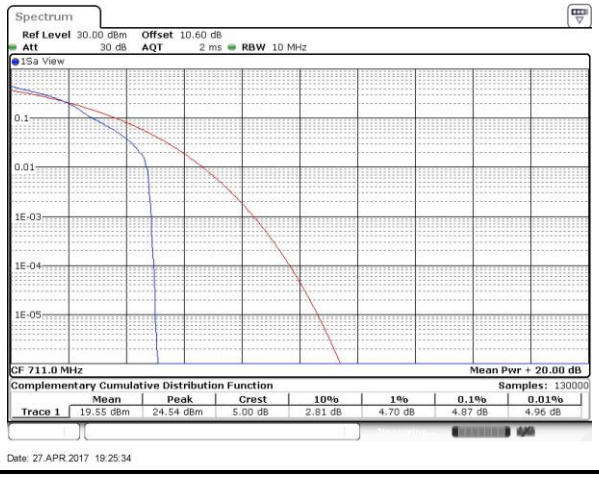
Middle Channel/ 1RB



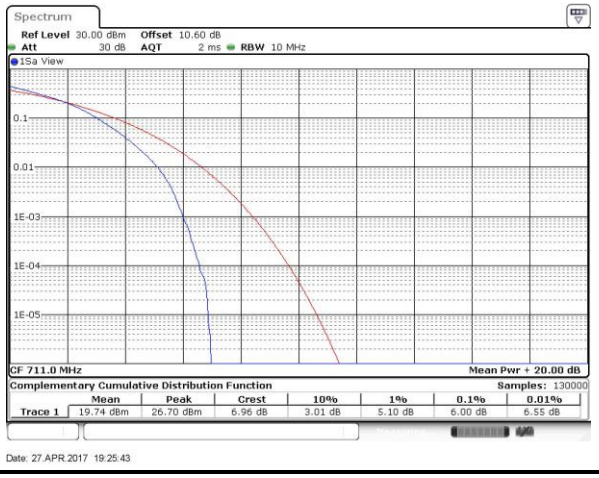
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB

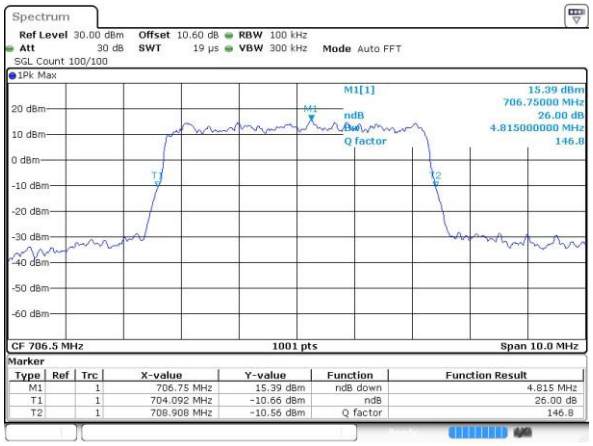


26dB Bandwidth

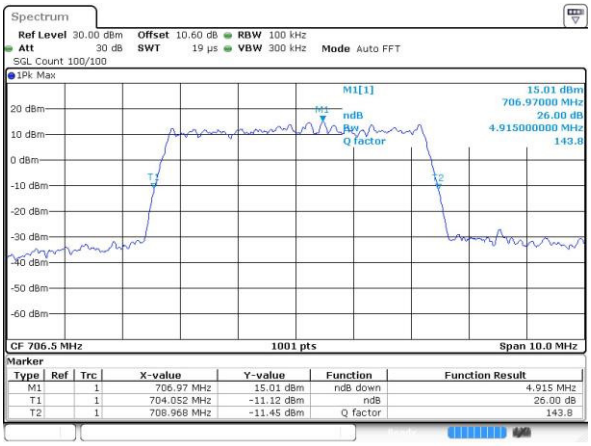
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.82	4.92	9.83	9.75	-	-	-	-
Middle CH	-	-	-	-	4.90	4.90	9.79	9.89	-	-	-	-
Highest CH	-	-	-	-	4.91	4.77	9.77	9.77	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	-	-	-	-	4.89	-	9.81	-	-	-	-
Middle CH	-	-	-	-	-	4.80	-	9.67	-	-	-	-
Highest CH	-	-	-	-	-	4.86	-	9.75	-	-	-	-

LTE Band 17

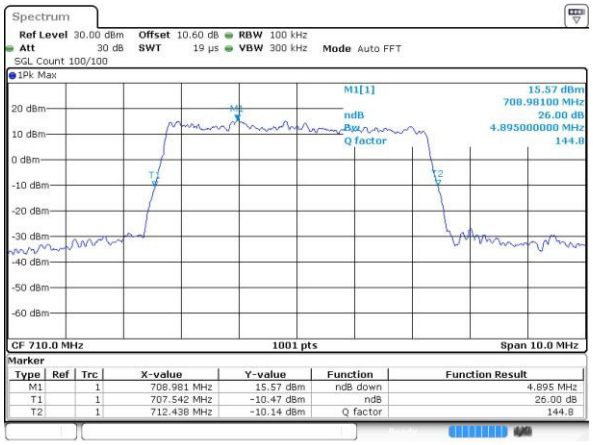
Lowest Channel / 5MHz / QPSK



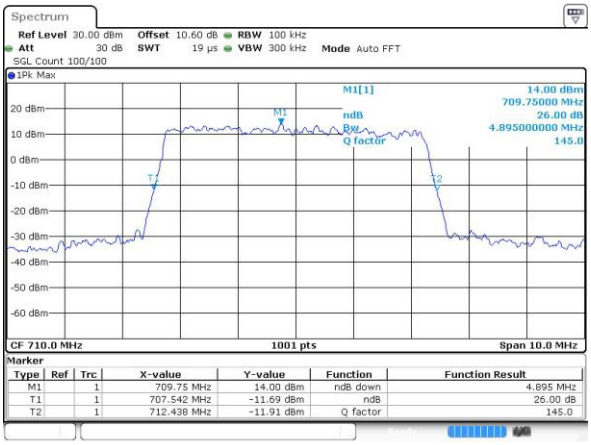
Lowest Channel / 5MHz / 16QAM



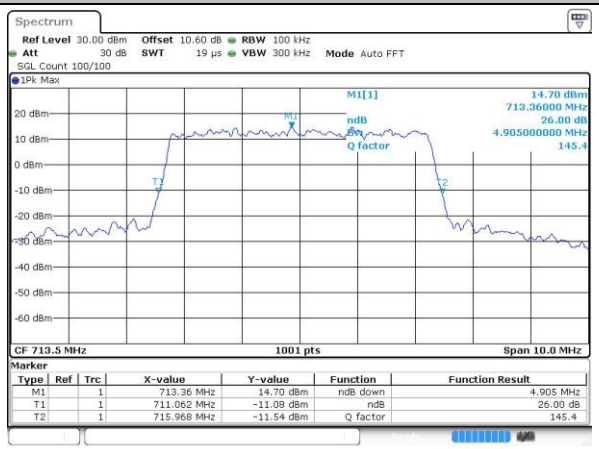
Middle Channel / 5MHz / QPSK



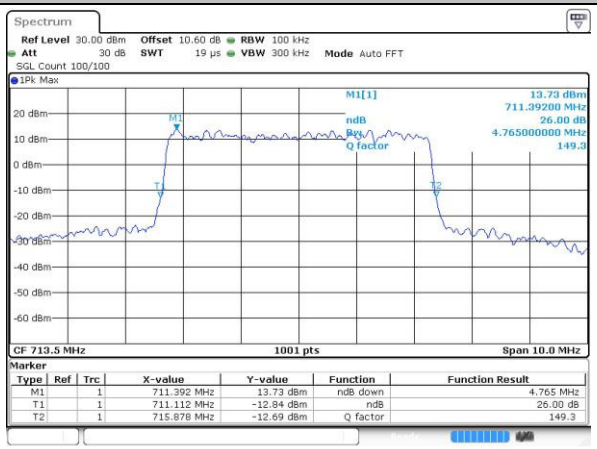
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

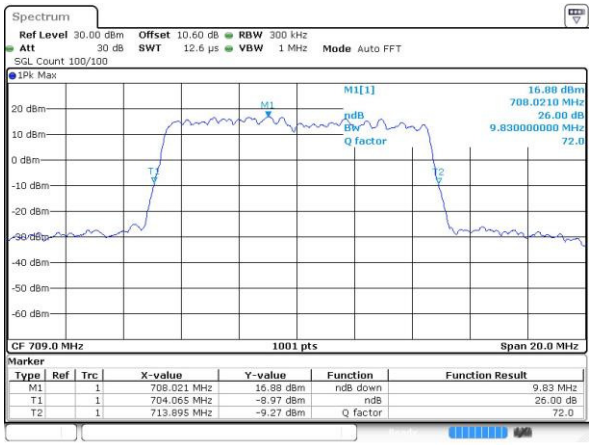


Highest Channel / 5MHz / 16QAM

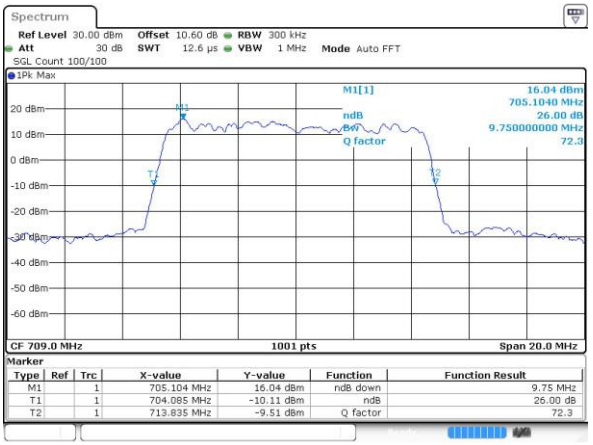


LTE Band 17

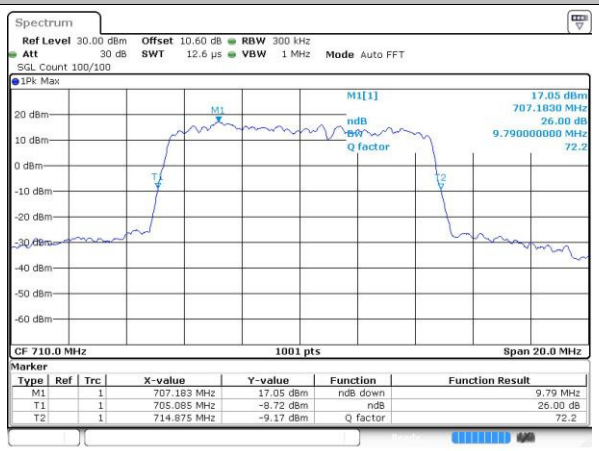
Lowest Channel / 10MHz / QPSK



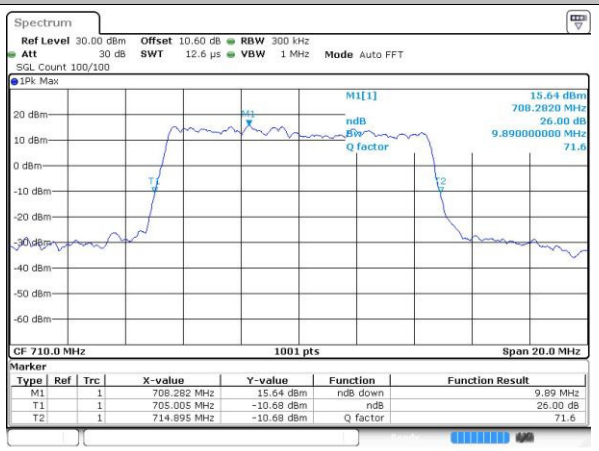
Lowest Channel / 10MHz / 16QAM



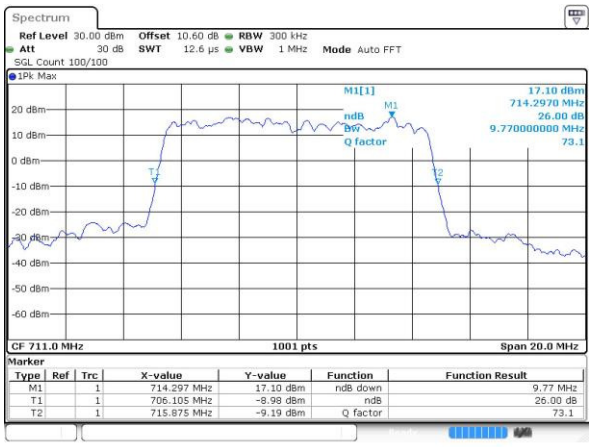
Middle Channel / 10MHz / QPSK



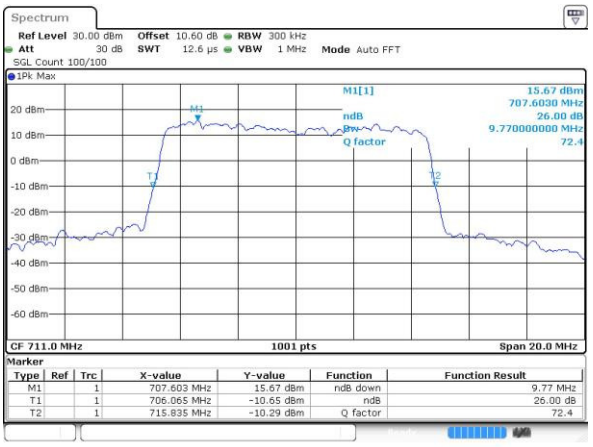
Middle Channel / 10MHz / 16QAM

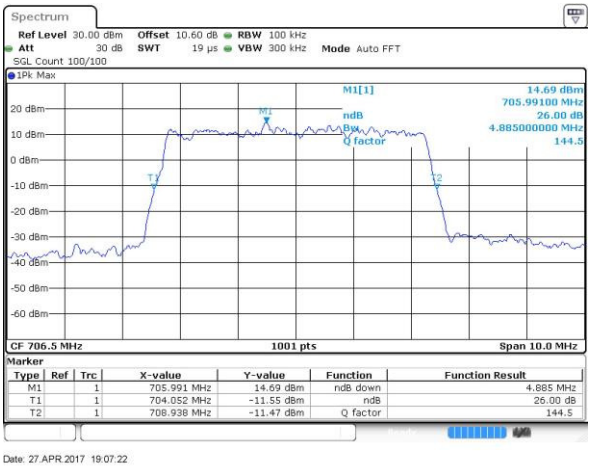
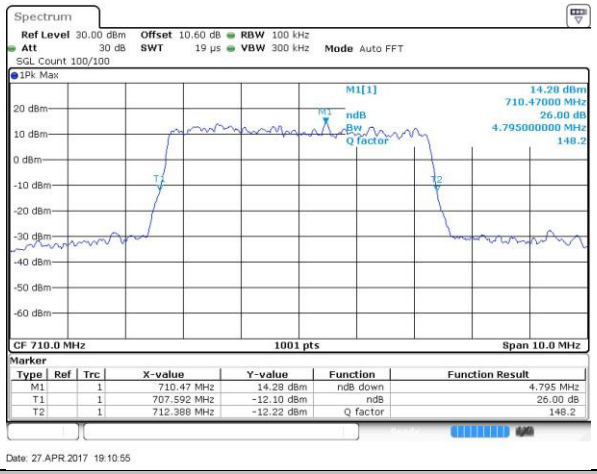
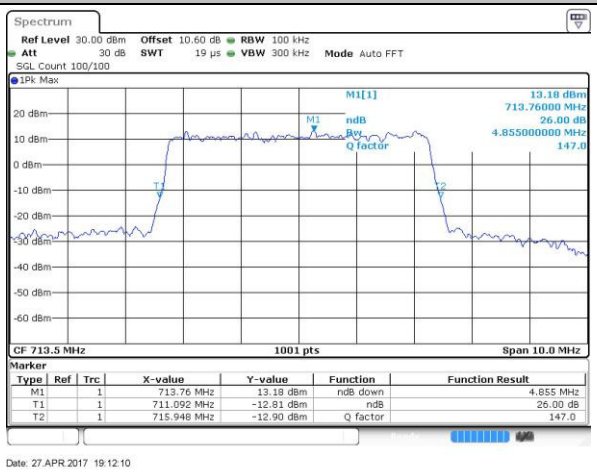


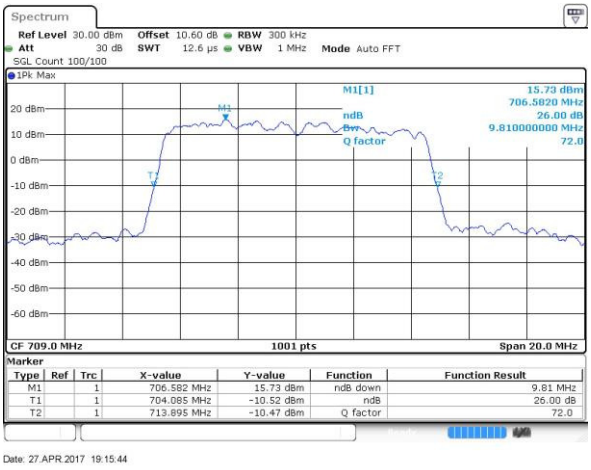
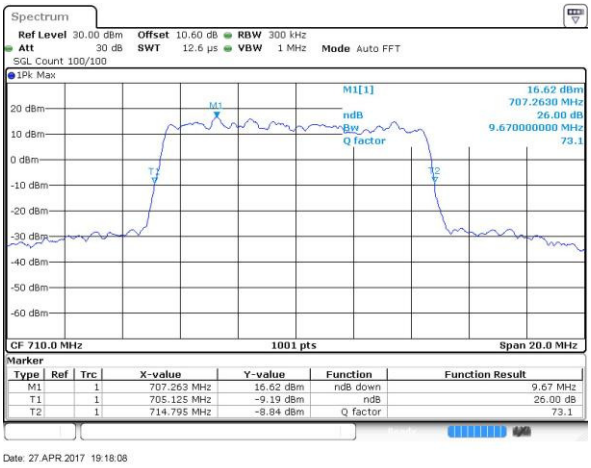
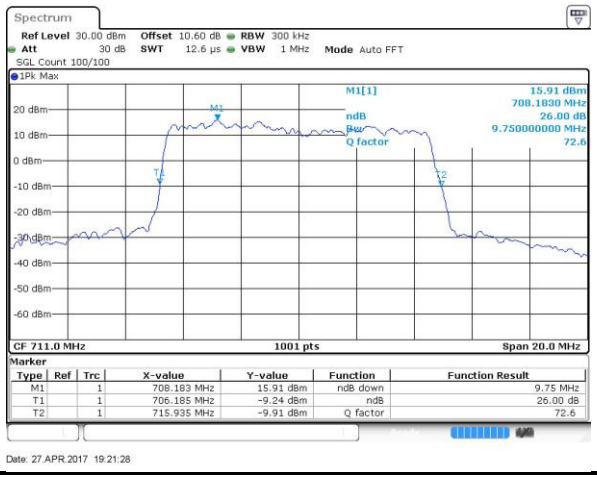
Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



LTE Band 17	
	Lowest Channel / 5MHz / 64QAM
	
	Middle Channel / 5MHz / 64QAM
	
	Highest Channel / 5MHz / 64QAM
	

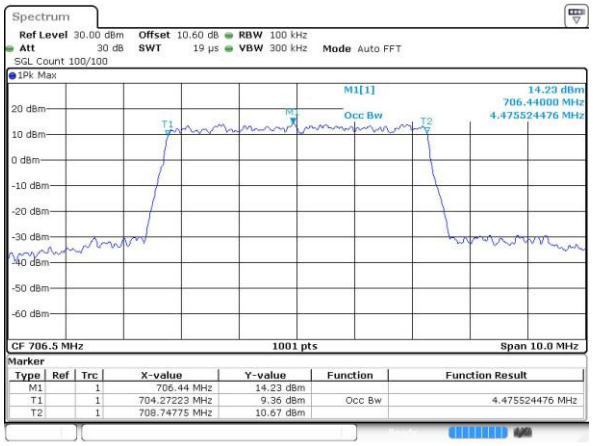
LTE Band 17	
	Lowest Channel / 10MHz / 64QAM
	
	Middle Channel / 10MHz / 64QAM
	
	Highest Channel / 10MHz / 64QAM
	

Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.48	4.49	9.03	8.99	-	-	-	-
Middle CH	-	-	-	-	4.5	4.49	9.03	8.99	-	-	-	-
Highest CH	-	-	-	-	4.52	4.51	9.13	9.03	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	-	-	-	-	4.49	-	9.01	-	-	-	-
Middle CH	-	-	-	-	-	4.49	-	9.01	-	-	-	-
Highest CH	-	-	-	-	-	4.5	-	9.05	-	-	-	-

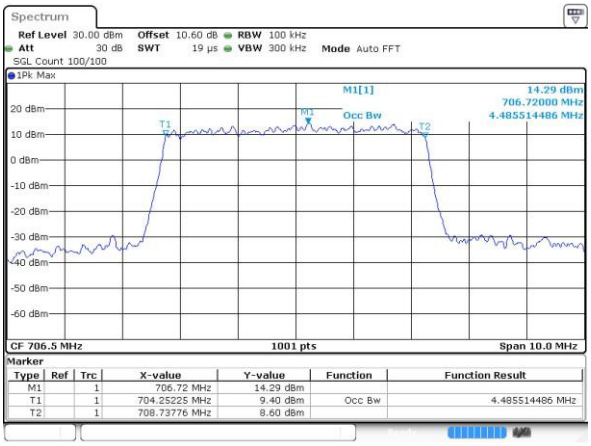
LTE Band 17

Lowest Channel / 5MHz / QPSK



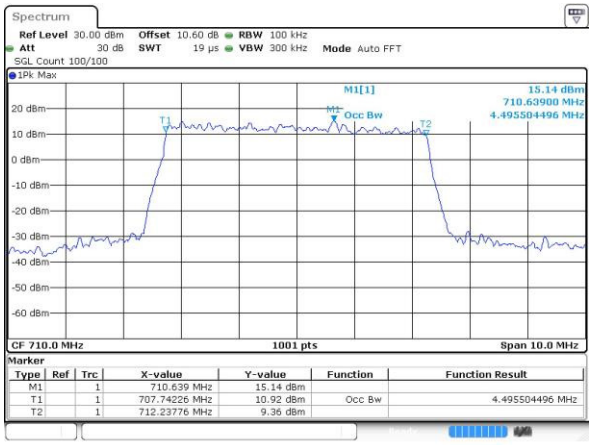
Date: 5.APR.2017 23:12:50

Lowest Channel / 5MHz / 16QAM



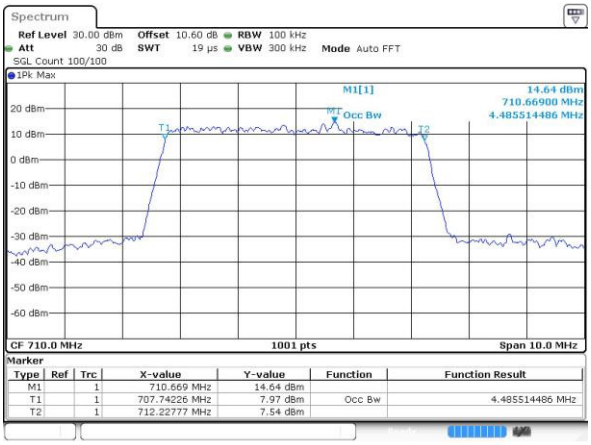
Date: 5.APR.2017 23:13:00

Middle Channel / 5MHz / QPSK



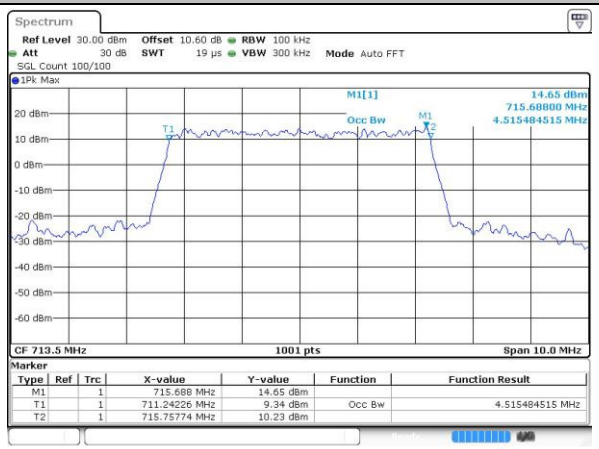
Date: 5.APR.2017 23:19:56

Middle Channel / 5MHz / 16QAM



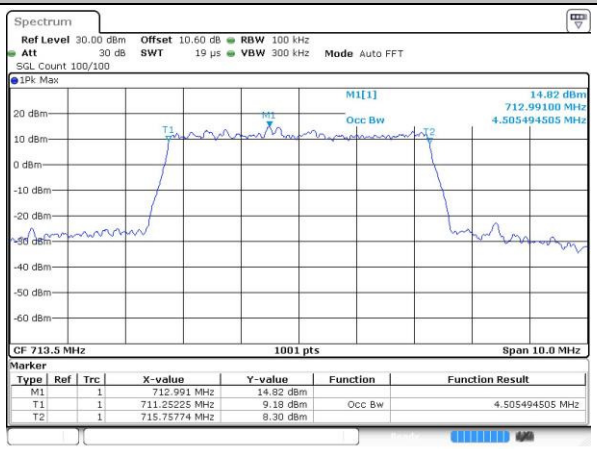
Date: 5.APR.2017 23:20:07

Highest Channel / 5MHz / QPSK



Date: 5.APR.2017 23:22:26

Highest Channel / 5MHz / 16QAM



Date: 5.APR.2017 23:22:36