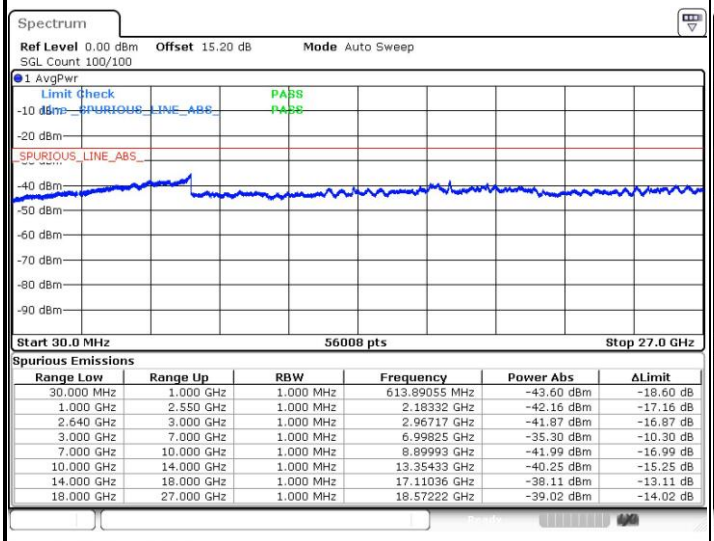
LTE Band 38 / 5MHz

Highest Channel / QPSK

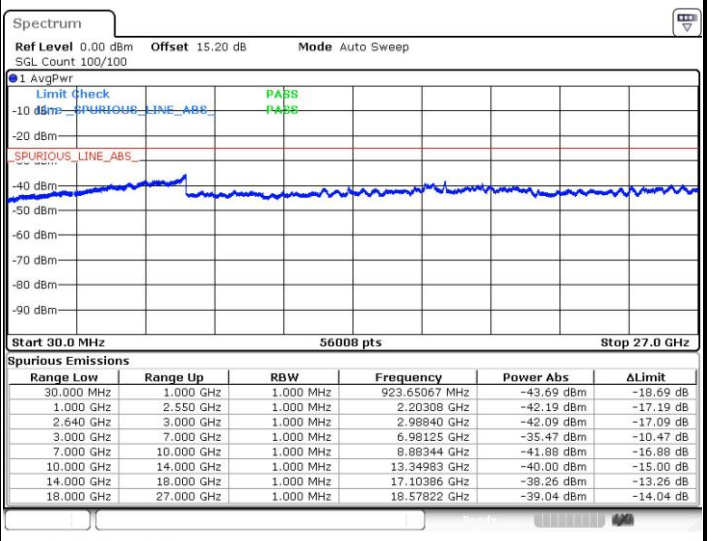


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	613.89055 MHz	-43.60 dBm	-18.60 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.18332 GHz	-42.16 dBm	-17.16 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96717 GHz	-41.87 dBm	-16.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-35.30 dBm	-10.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.89993 GHz	-41.99 dBm	-16.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35433 GHz	-40.25 dBm	-15.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11036 GHz	-38.11 dBm	-13.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57222 GHz	-39.02 dBm	-14.02 dB

Date: 31.JUL.2016 19:08:38

Highest Channel / 16QAM



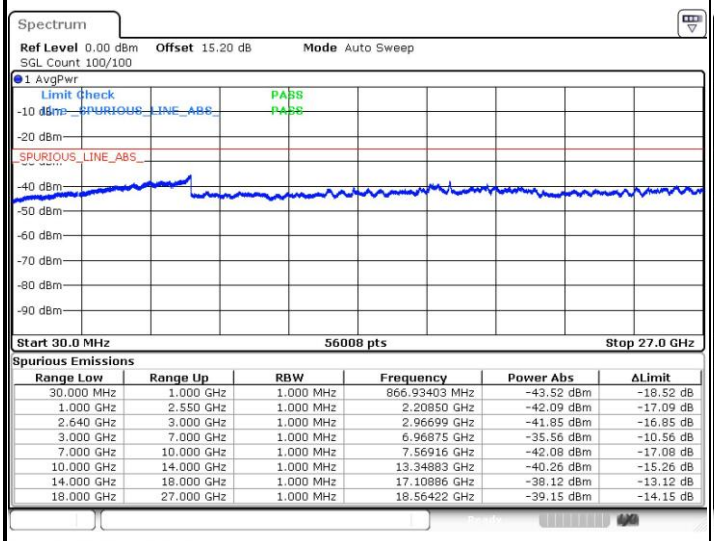
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-43.69 dBm	-18.69 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.20308 GHz	-42.19 dBm	-17.19 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98840 GHz	-42.09 dBm	-17.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-35.47 dBm	-10.47 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88344 GHz	-41.88 dBm	-16.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34983 GHz	-40.00 dBm	-15.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10386 GHz	-38.26 dBm	-13.26 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57822 GHz	-39.04 dBm	-14.04 dB

Date: 31.JUL.2016 19:09:41

LTE Band 38 / 10MHz

Lowest Channel / QPSK

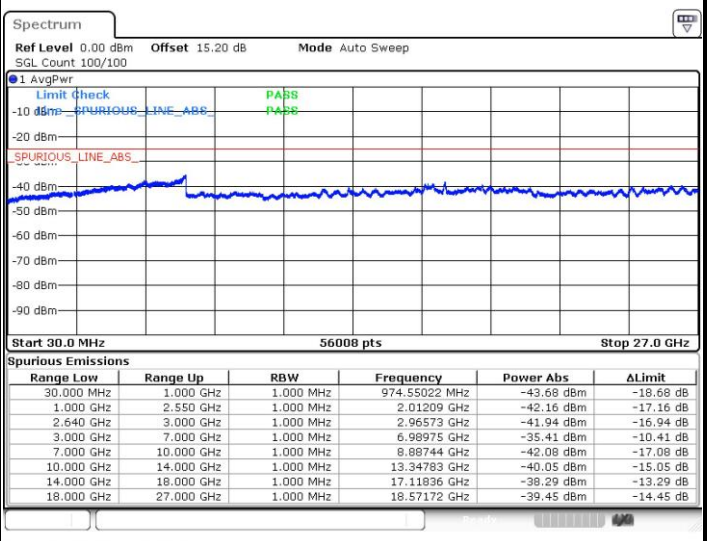


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.93403 MHz	-43.52 dBm	-18.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.20850 GHz	-42.09 dBm	-17.09 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96699 GHz	-41.85 dBm	-16.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96875 GHz	-35.56 dBm	-10.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.56916 GHz	-42.08 dBm	-17.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34883 GHz	-40.26 dBm	-15.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10886 GHz	-38.12 dBm	-13.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56422 GHz	-39.15 dBm	-14.15 dB

Date: 31.JUL.2016 20:06:43

Lowest Channel / 16QAM



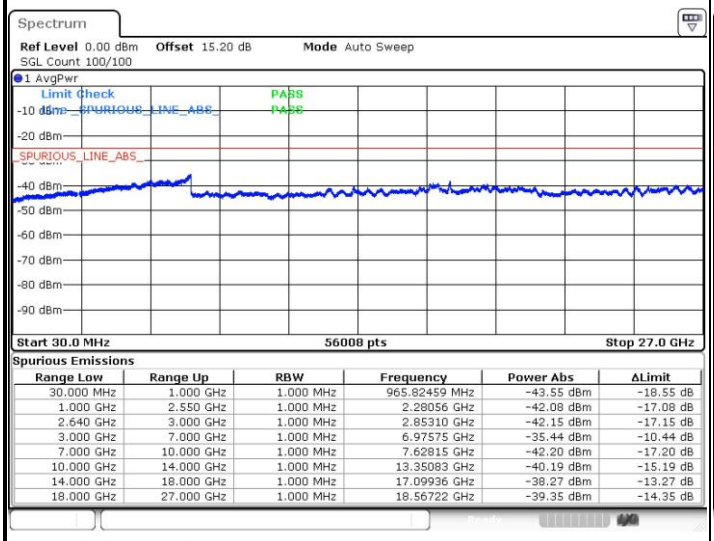
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-43.68 dBm	-18.68 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.01209 GHz	-42.16 dBm	-17.16 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96573 GHz	-41.94 dBm	-16.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-35.41 dBm	-10.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88744 GHz	-42.08 dBm	-17.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34783 GHz	-40.05 dBm	-15.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11836 GHz	-38.29 dBm	-13.29 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57172 GHz	-39.45 dBm	-14.45 dB

Date: 31.JUL.2016 20:09:03

LTE Band 38 / 10MHz

Middle Channel / QPSK

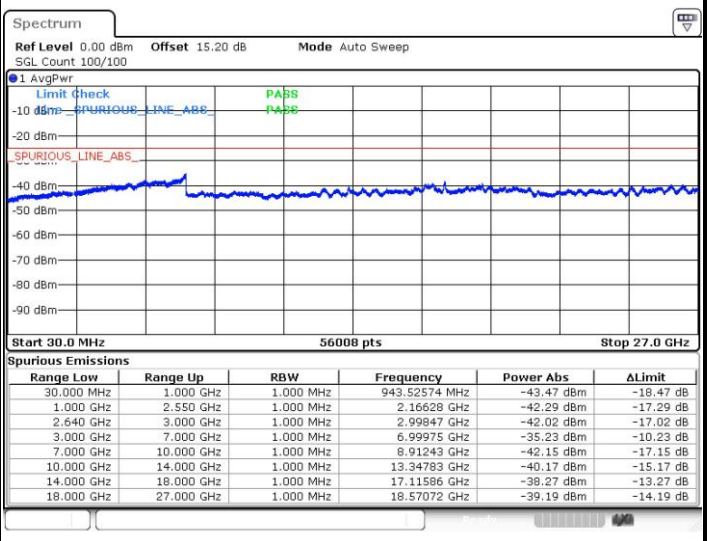


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-43.55 dBm	-18.55 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.28056 GHz	-42.08 dBm	-17.08 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.85310 GHz	-42.15 dBm	-17.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97575 GHz	-35.44 dBm	-10.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.62815 GHz	-42.20 dBm	-17.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35083 GHz	-40.19 dBm	-15.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09936 GHz	-38.27 dBm	-13.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56722 GHz	-39.35 dBm	-14.35 dB

Date: 31.JUL.2016 20:15:06

Middle Channel / 16QAM

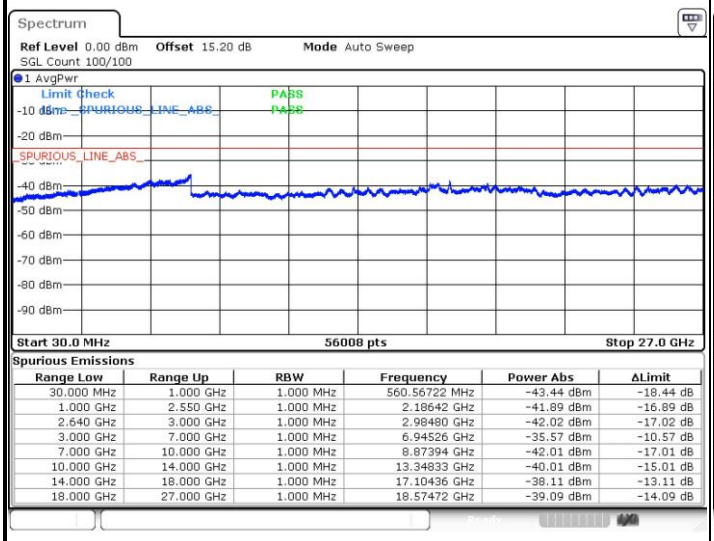


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-43.47 dBm	-18.47 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.16628 GHz	-42.29 dBm	-17.29 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99847 GHz	-42.02 dBm	-17.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-35.23 dBm	-10.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91243 GHz	-42.15 dBm	-17.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34783 GHz	-40.17 dBm	-15.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11586 GHz	-38.27 dBm	-13.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57072 GHz	-39.19 dBm	-14.19 dB

Date: 31.JUL.2016 20:16:09

Highest Channel / QPSK

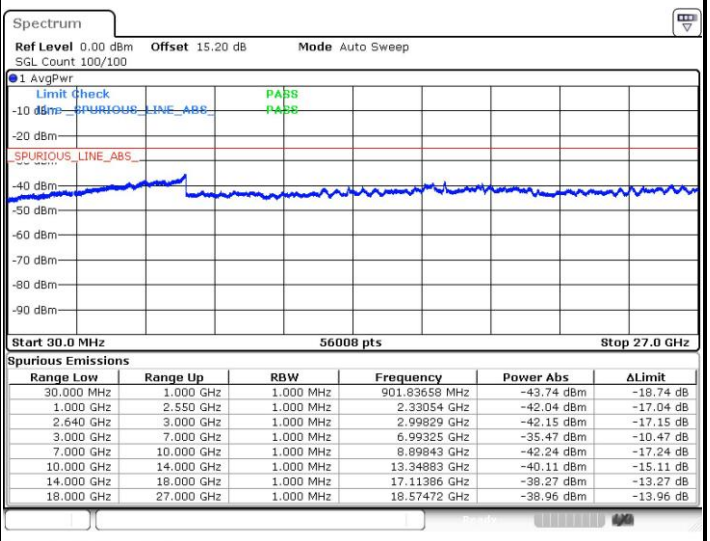


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	560.56722 MHz	-43.44 dBm	-18.44 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.18642 GHz	-41.89 dBm	-16.89 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98480 GHz	-42.02 dBm	-17.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-35.57 dBm	-10.57 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.87394 GHz	-42.01 dBm	-17.01 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34833 GHz	-40.01 dBm	-15.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10436 GHz	-38.11 dBm	-13.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57472 GHz	-39.09 dBm	-14.09 dB

Date: 31.JUL.2016 20:17:12

Highest Channel / 16QAM



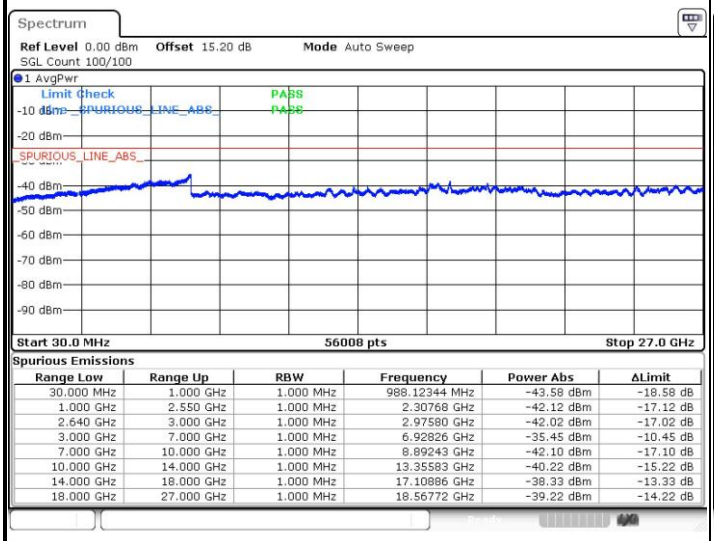
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-43.74 dBm	-18.74 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.33054 GHz	-42.04 dBm	-17.04 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99829 GHz	-42.15 dBm	-17.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-35.47 dBm	-10.47 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.89843 GHz	-42.24 dBm	-17.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34883 GHz	-40.11 dBm	-15.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11386 GHz	-38.27 dBm	-13.27 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57472 GHz	-38.96 dBm	-13.96 dB

Date: 31.JUL.2016 20:18:14

LTE Band 38 / 15MHz

Lowest Channel / QPSK

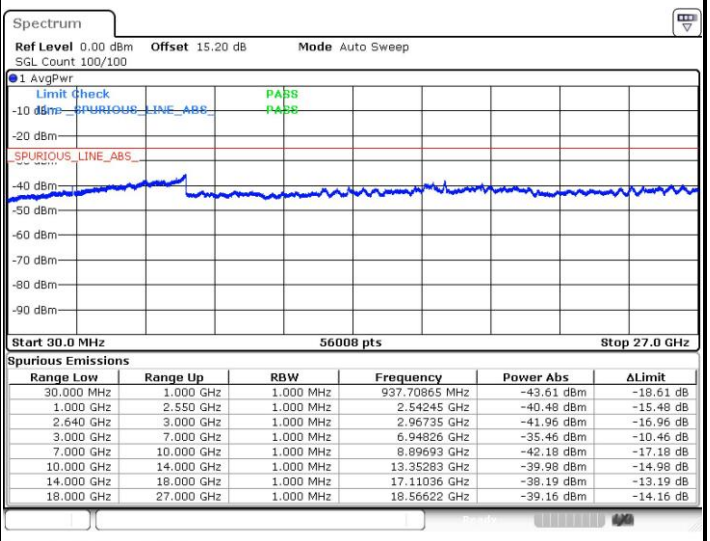


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-43.58 dBm	-18.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.30768 GHz	-42.12 dBm	-17.12 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97580 GHz	-42.02 dBm	-17.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-35.45 dBm	-10.45 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.89243 GHz	-42.10 dBm	-17.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35583 GHz	-40.22 dBm	-15.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10886 GHz	-38.33 dBm	-13.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56772 GHz	-39.22 dBm	-14.22 dB

Date: 31.JUL.2016 20:33:04

Lowest Channel / 16QAM

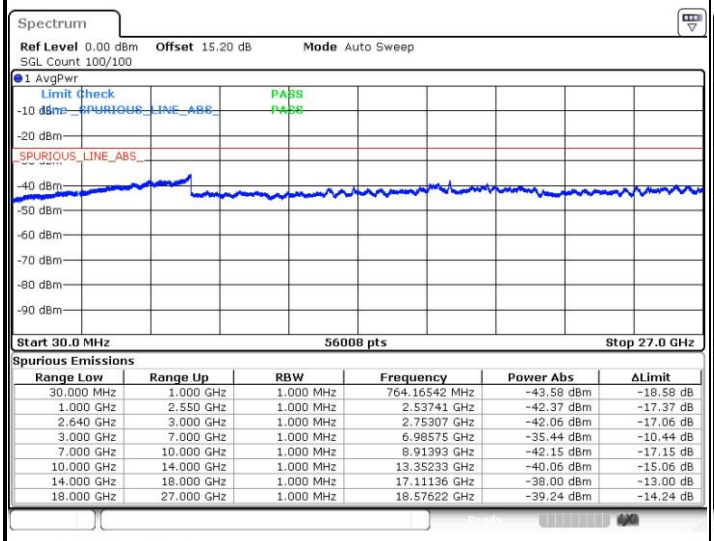


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-43.61 dBm	-18.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54245 GHz	-40.48 dBm	-15.48 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96735 GHz	-41.96 dBm	-16.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94826 GHz	-35.46 dBm	-10.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.89693 GHz	-42.18 dBm	-17.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35283 GHz	-39.98 dBm	-14.98 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11036 GHz	-38.19 dBm	-13.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56622 GHz	-39.16 dBm	-14.16 dB

Date: 31.JUL.2016 20:34:07

Middle Channel / QPSK

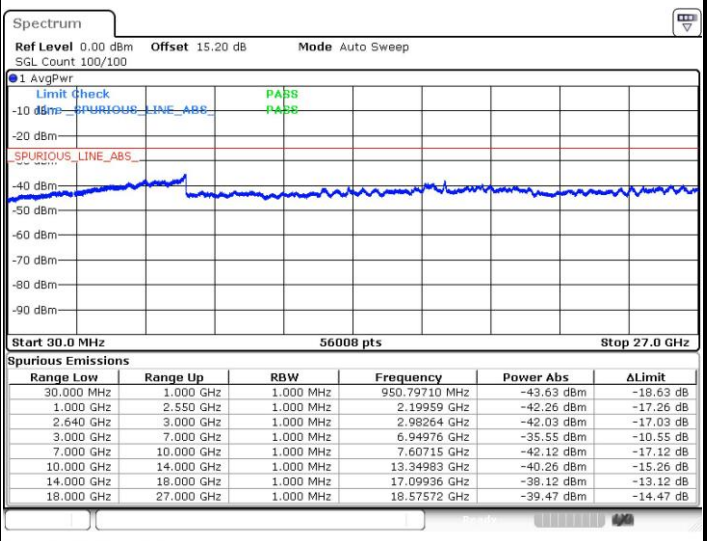


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	764.16542 MHz	-43.58 dBm	-18.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53741 GHz	-42.37 dBm	-17.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.75307 GHz	-42.06 dBm	-17.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-35.44 dBm	-10.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91393 GHz	-42.15 dBm	-17.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35233 GHz	-40.06 dBm	-15.06 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11136 GHz	-38.00 dBm	-13.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57622 GHz	-39.24 dBm	-14.24 dB

Date: 31.JUL.2016 20:35:09

Middle Channel / 16QAM



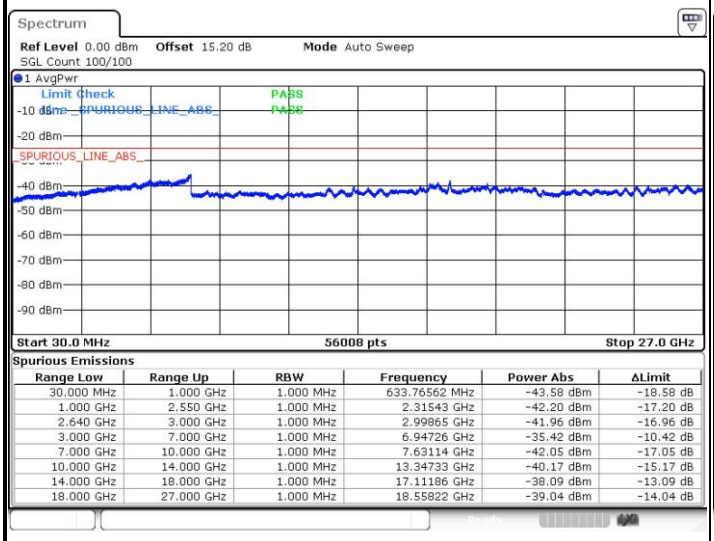
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.79710 MHz	-43.63 dBm	-18.63 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.19959 GHz	-42.26 dBm	-17.26 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98264 GHz	-42.03 dBm	-17.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94976 GHz	-35.55 dBm	-10.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.60715 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34983 GHz	-40.26 dBm	-15.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09936 GHz	-38.12 dBm	-13.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57572 GHz	-39.47 dBm	-14.47 dB

Date: 31.JUL.2016 20:36:12

LTE Band 38 / 15MHz

Highest Channel / QPSK

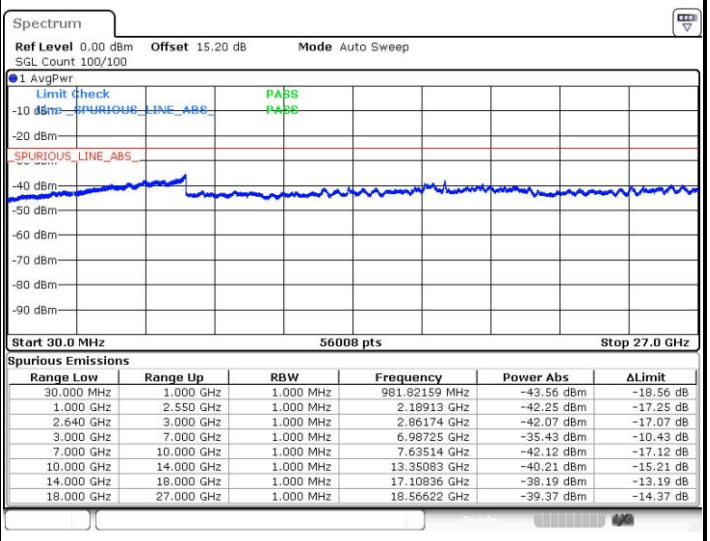


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	633.76562 MHz	-43.58 dBm	-18.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.31543 GHz	-42.20 dBm	-17.20 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99865 GHz	-41.96 dBm	-16.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94726 GHz	-35.42 dBm	-10.42 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.63114 GHz	-42.05 dBm	-17.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34733 GHz	-40.17 dBm	-15.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11186 GHz	-38.09 dBm	-13.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.55822 GHz	-39.04 dBm	-14.04 dB

Date: 31.JUL.2016 20:37:15

Highest Channel / 16QAM



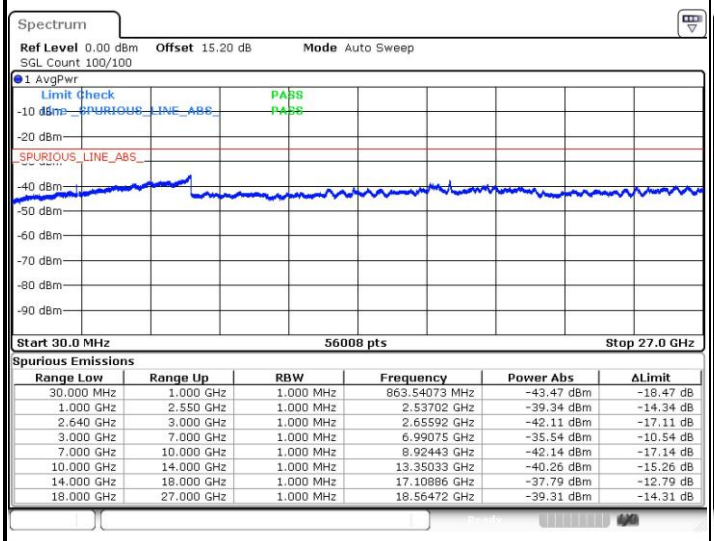
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-43.56 dBm	-18.56 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.18913 GHz	-42.25 dBm	-17.25 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.86174 GHz	-42.07 dBm	-17.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-35.43 dBm	-10.43 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.63514 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35083 GHz	-40.21 dBm	-15.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10836 GHz	-38.19 dBm	-13.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56622 GHz	-39.37 dBm	-14.37 dB

Date: 31.JUL.2016 20:38:18

LTE Band 38 / 20MHz

Lowest Channel / QPSK

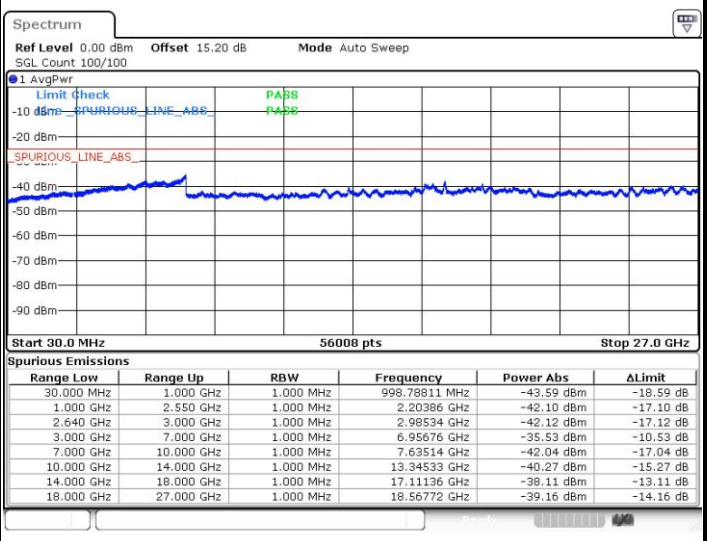


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-43.47 dBm	-18.47 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53702 GHz	-39.34 dBm	-14.34 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65592 GHz	-42.11 dBm	-17.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-35.54 dBm	-10.54 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92443 GHz	-42.14 dBm	-17.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35033 GHz	-40.26 dBm	-15.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10886 GHz	-37.79 dBm	-12.79 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56472 GHz	-39.31 dBm	-14.31 dB

Date: 31.JUL.2016 20:49:33

Lowest Channel / 16QAM



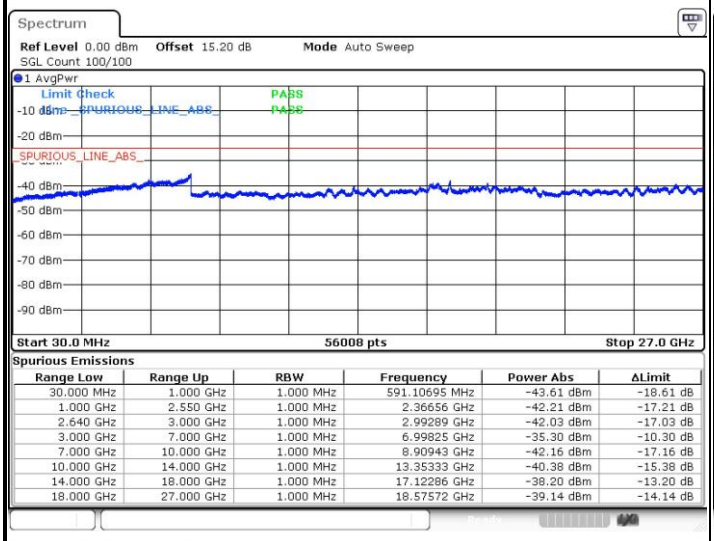
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-43.59 dBm	-18.59 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.20386 GHz	-42.10 dBm	-17.10 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98534 GHz	-42.12 dBm	-17.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95676 GHz	-35.53 dBm	-10.53 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.63514 GHz	-42.04 dBm	-17.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34533 GHz	-40.27 dBm	-15.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11136 GHz	-38.11 dBm	-13.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56772 GHz	-39.16 dBm	-14.16 dB

Date: 31.JUL.2016 20:50:36

LTE Band 38 / 20MHz

Middle Channel / QPSK

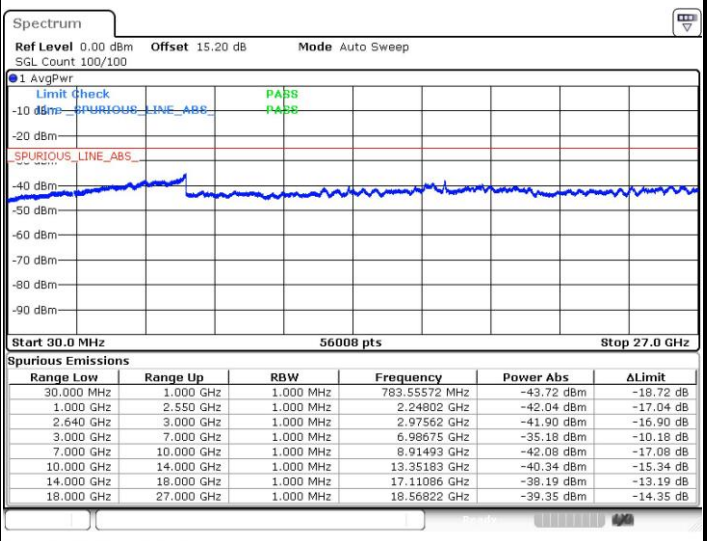


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	591.10695 MHz	-43.61 dBm	-18.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.36656 GHz	-42.21 dBm	-17.21 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99289 GHz	-42.03 dBm	-17.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-35.30 dBm	-10.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90943 GHz	-42.16 dBm	-17.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35333 GHz	-40.38 dBm	-15.38 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.12286 GHz	-38.20 dBm	-13.20 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57572 GHz	-39.14 dBm	-14.14 dB

Date: 31.JUL.2016 20:51:39

Middle Channel / 16QAM

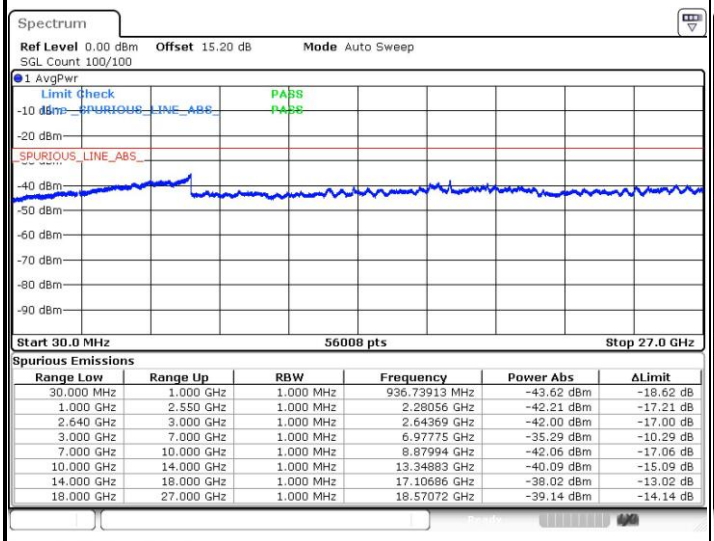


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	783.55572 MHz	-43.72 dBm	-18.72 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.24802 GHz	-42.04 dBm	-17.04 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97562 GHz	-41.90 dBm	-16.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-35.18 dBm	-10.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91493 GHz	-42.08 dBm	-17.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35183 GHz	-40.34 dBm	-15.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11086 GHz	-38.19 dBm	-13.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56822 GHz	-39.35 dBm	-14.35 dB

Date: 31.JUL.2016 20:52:42

Highest Channel / QPSK

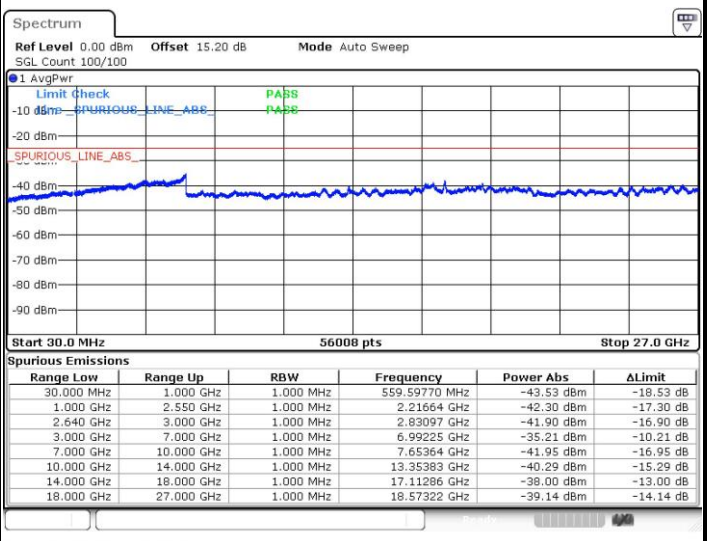


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-43.62 dBm	-18.62 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.28056 GHz	-42.21 dBm	-17.21 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64369 GHz	-42.00 dBm	-17.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97775 GHz	-35.29 dBm	-10.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.87994 GHz	-42.06 dBm	-17.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34883 GHz	-40.09 dBm	-15.09 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10686 GHz	-38.02 dBm	-13.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57072 GHz	-39.14 dBm	-14.14 dB

Date: 31.JUL.2016 20:53:44

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	559.59770 MHz	-43.53 dBm	-18.53 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.21664 GHz	-42.30 dBm	-17.30 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.83097 GHz	-41.90 dBm	-16.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-35.21 dBm	-10.21 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.65364 GHz	-41.95 dBm	-16.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35383 GHz	-40.29 dBm	-15.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11286 GHz	-38.00 dBm	-13.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57322 GHz	-39.14 dBm	-14.14 dB

Date: 31.JUL.2016 20:54:47

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0100	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0106	
-10	Normal Voltage	0.0105	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0099	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

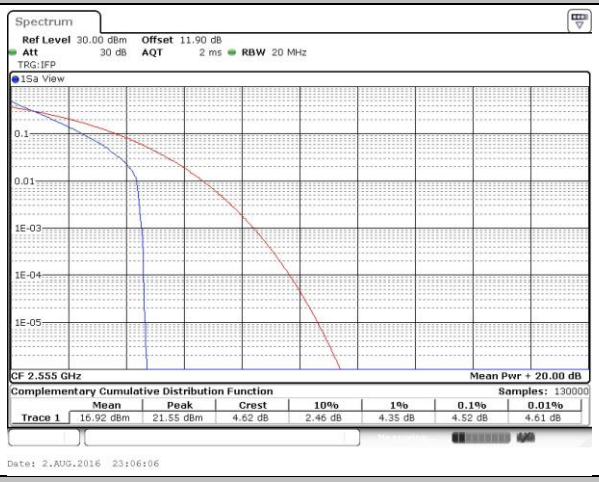
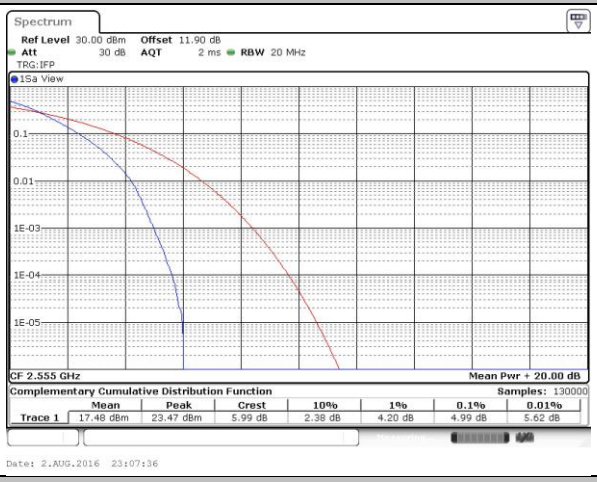
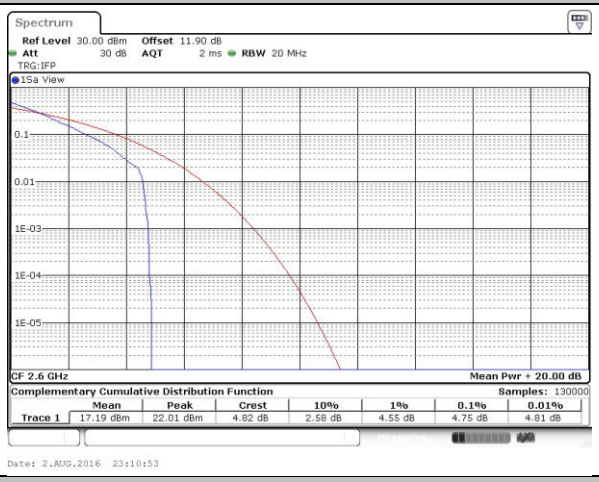
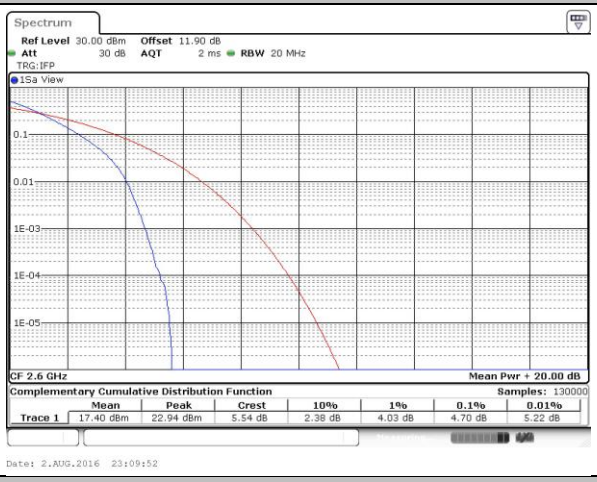
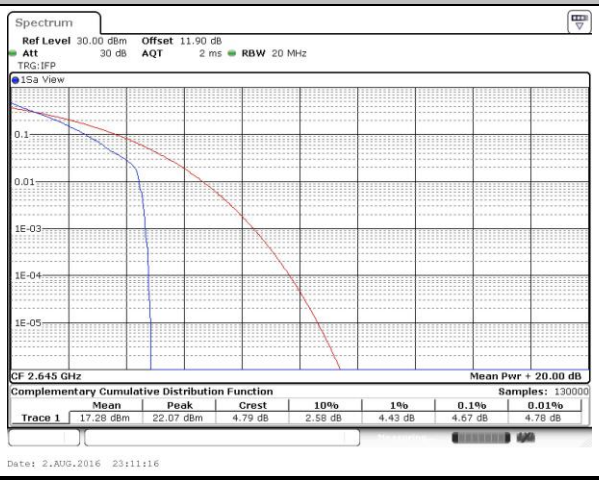
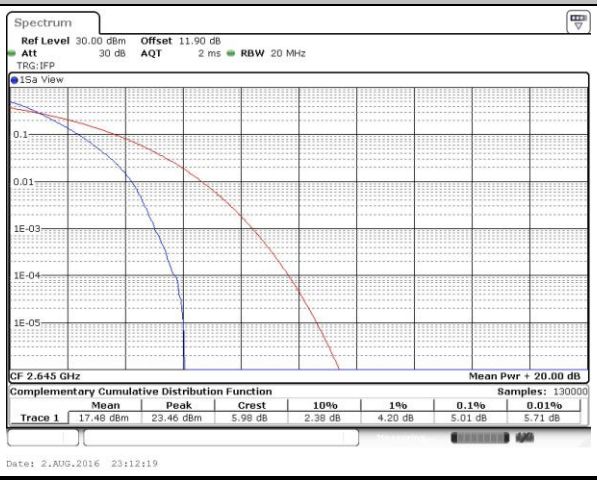
Note:

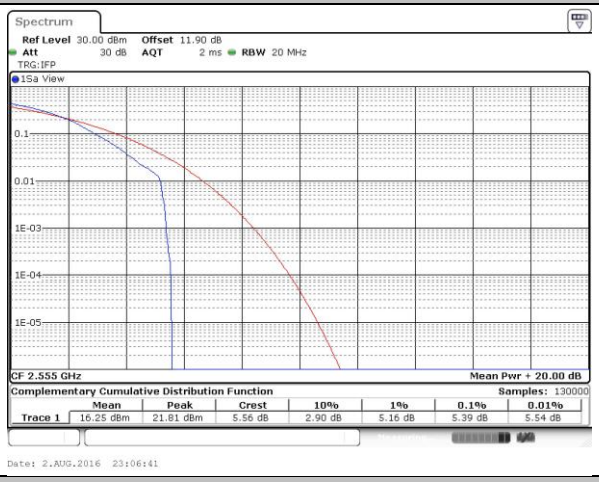
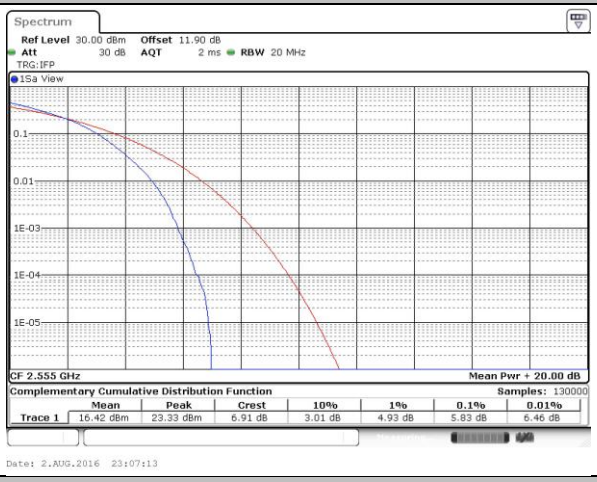
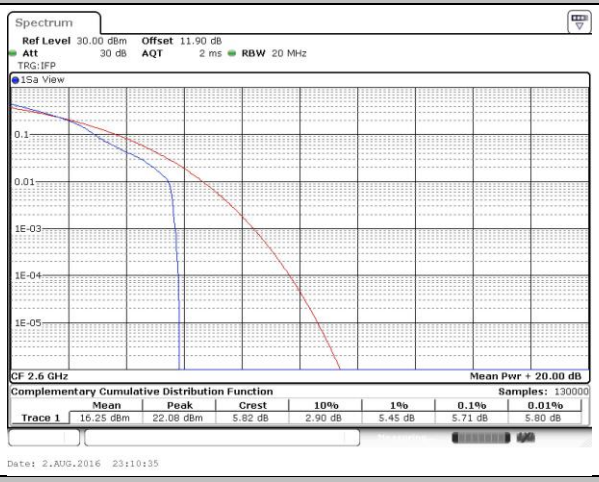
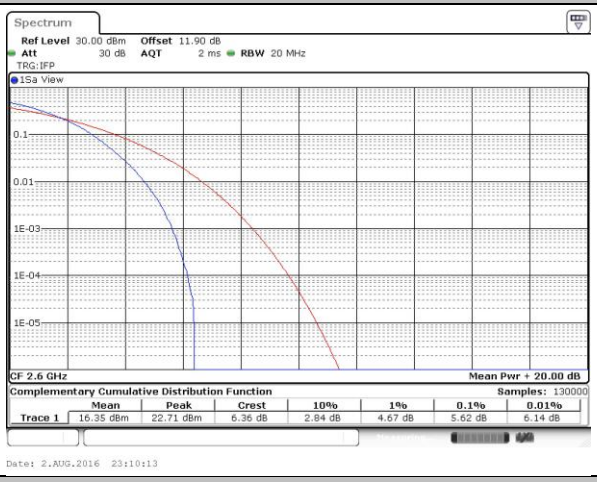
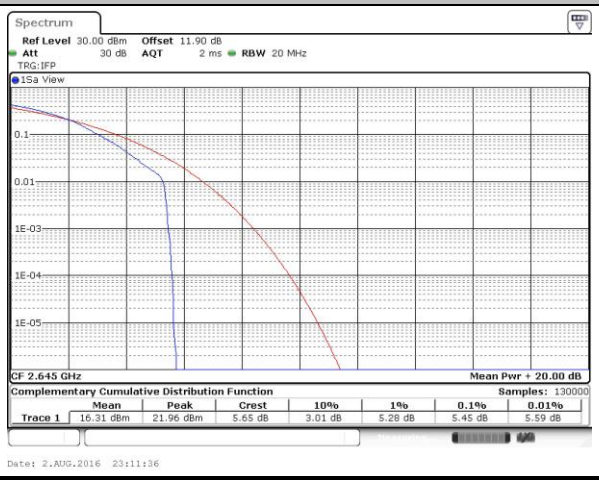
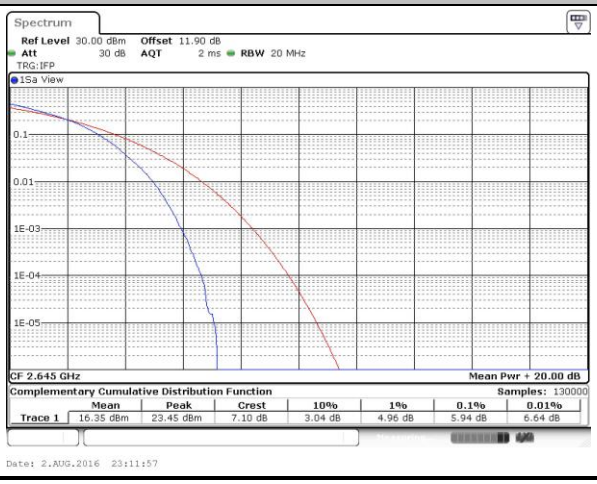
1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.52	4.99	5.39	5.83	PASS
Middle CH	4.75	4.7	5.71	5.62	
Highest CH	4.67	5.01	5.45	5.94	

LTE Band 41 / 20MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

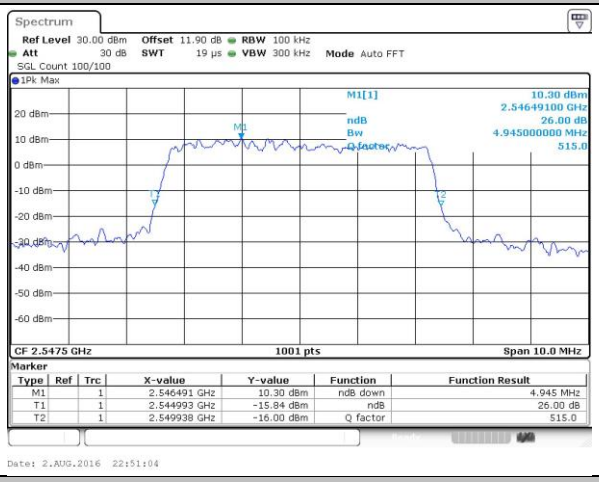
LTE Band 41 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

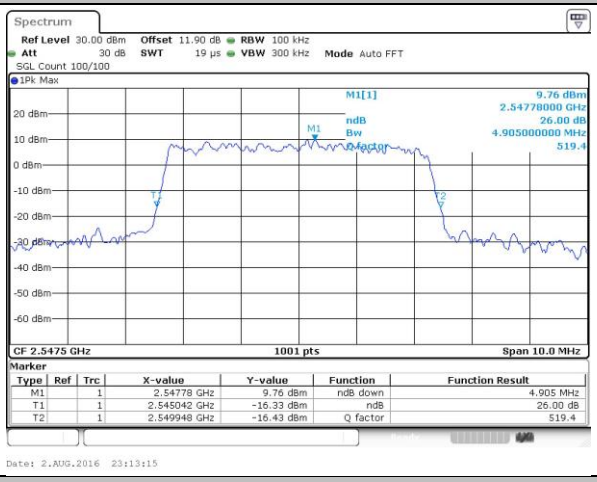
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.945	4.905	9.83	9.75	14.176	14.146	20.38	20.18
Middle CH	-	-	-	-	4.935	4.885	9.77	9.77	14.416	14.476	20.22	20.42
Highest CH	-	-	-	-	4.865	4.865	9.73	9.67	14.236	14.446	20.22	20.34

LTE Band 41

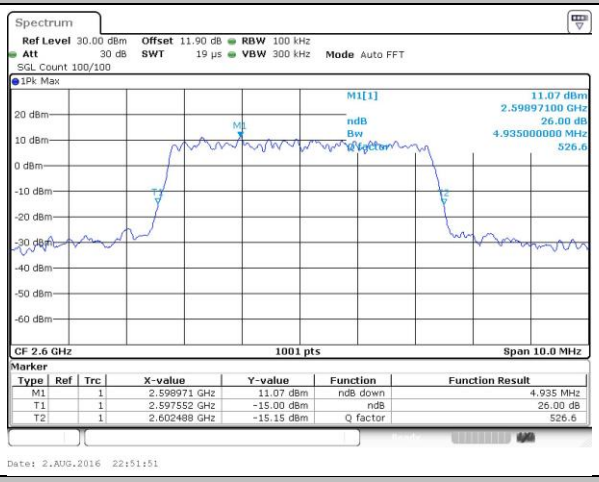
Lowest Channel / 5MHz / QPSK



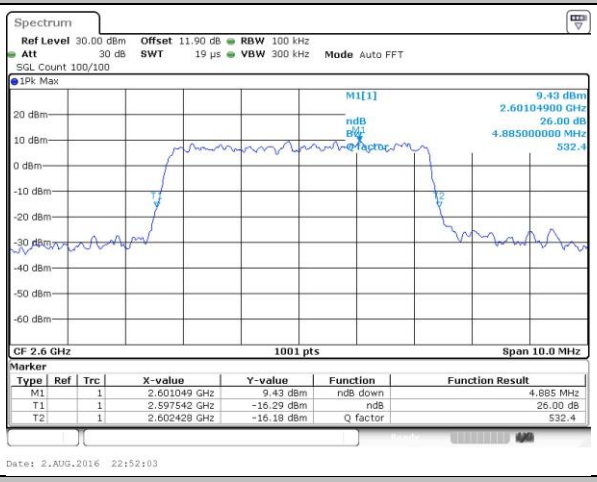
Lowest Channel / 5MHz / 16QAM



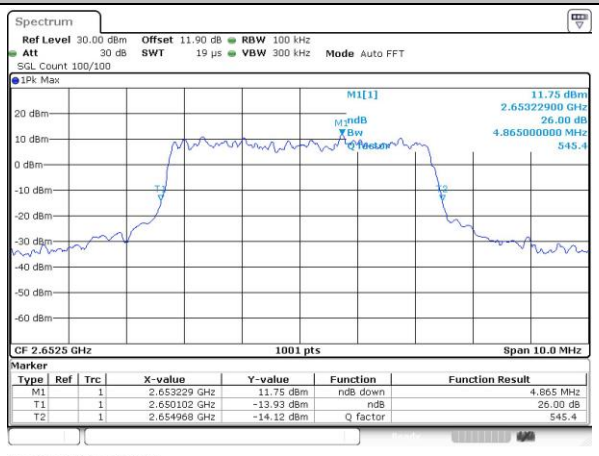
Middle Channel / 5MHz / QPSK



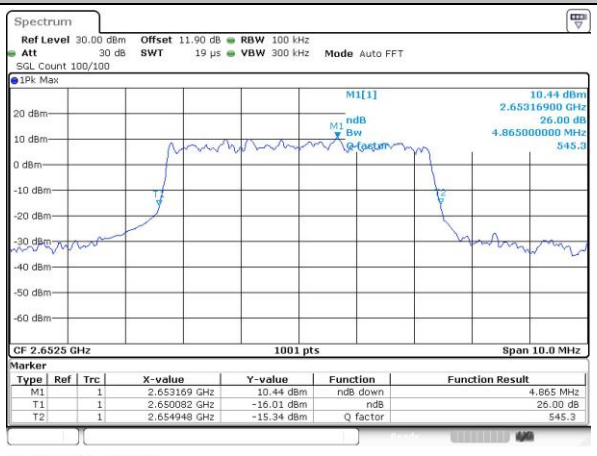
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

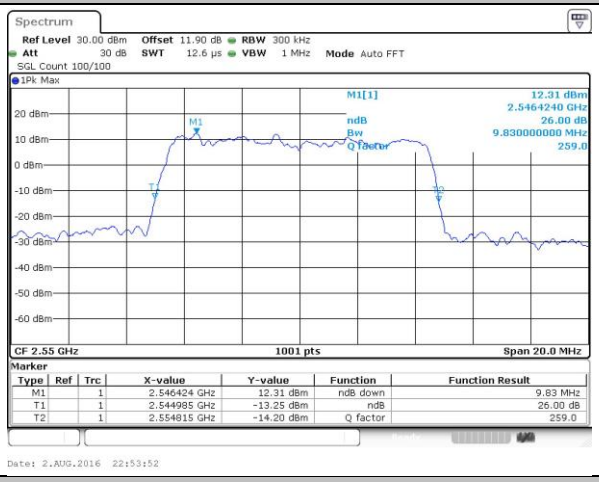


Highest Channel / 5MHz / 16QAM

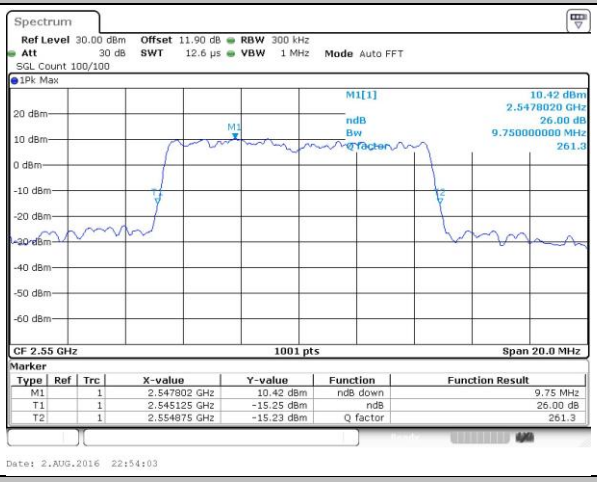


LTE Band 41

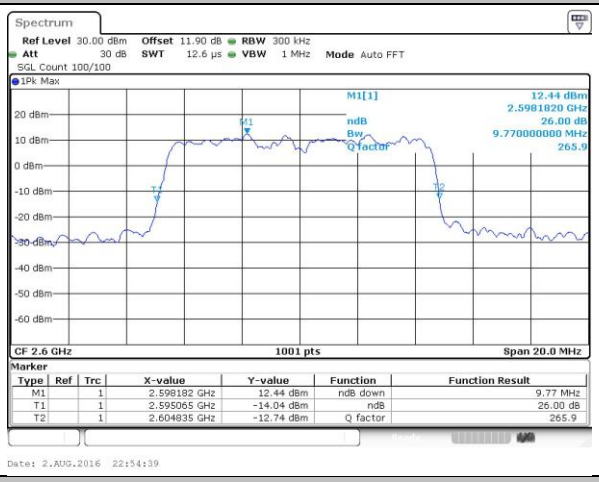
Lowest Channel / 10MHz / QPSK



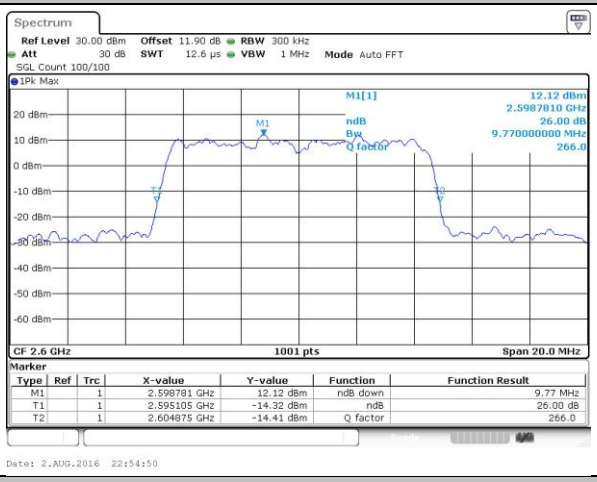
Lowest Channel / 10MHz / 16QAM



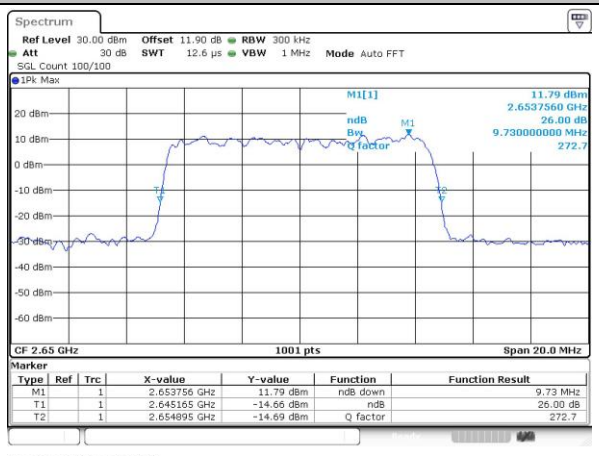
Middle Channel / 10MHz / QPSK



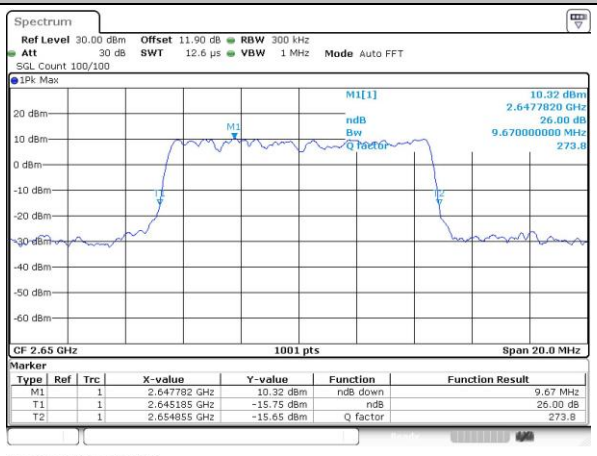
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

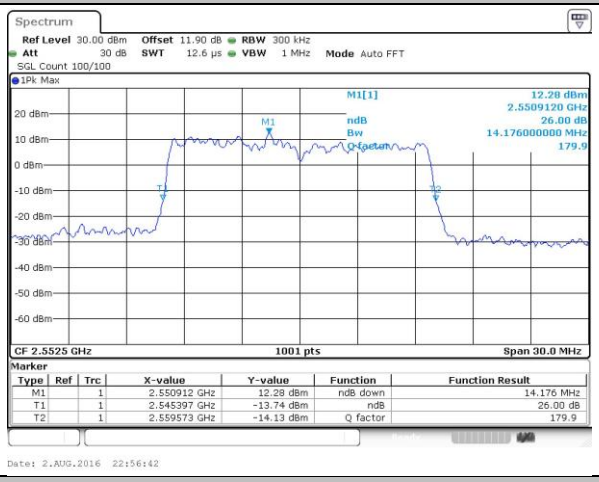


Highest Channel / 10MHz / 16QAM

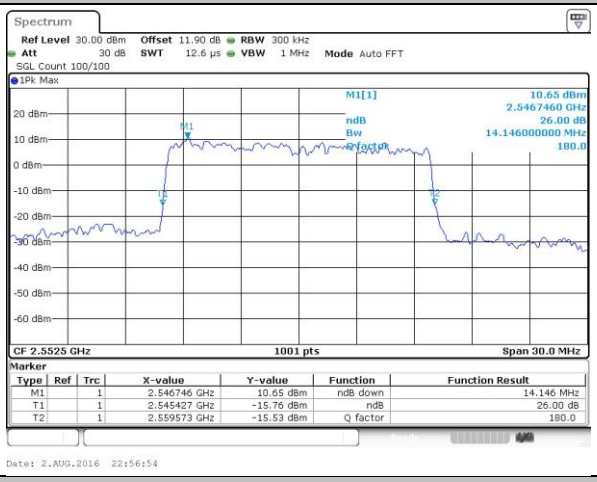


LTE Band 41

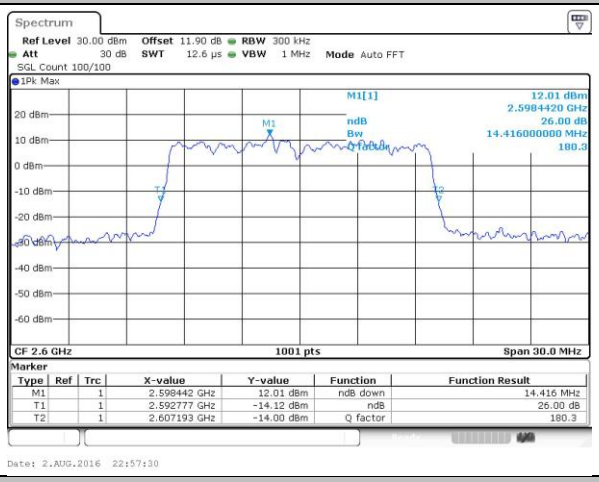
Lowest Channel / 15MHz / QPSK



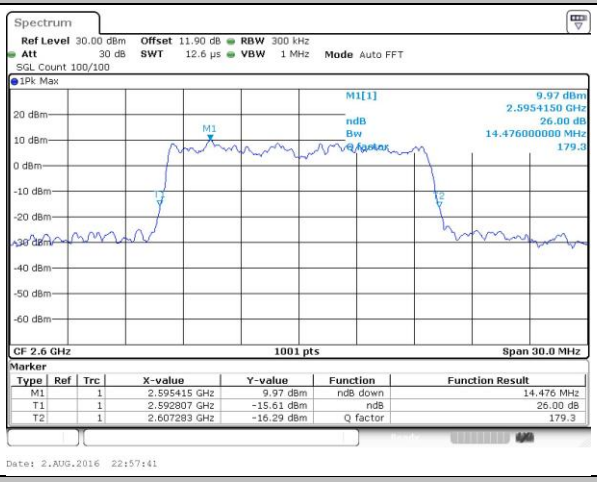
Lowest Channel / 15MHz / 16QAM



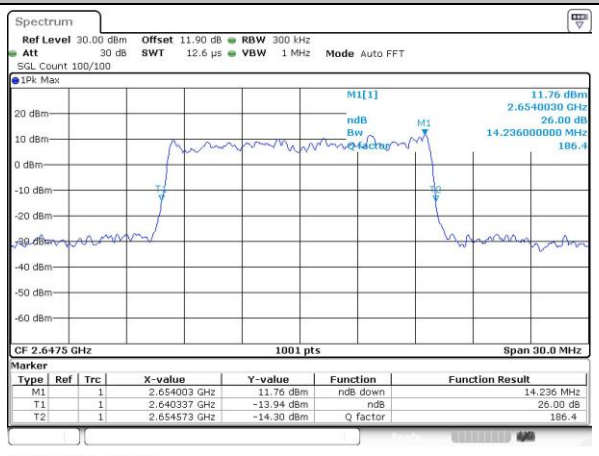
Middle Channel / 15MHz / QPSK



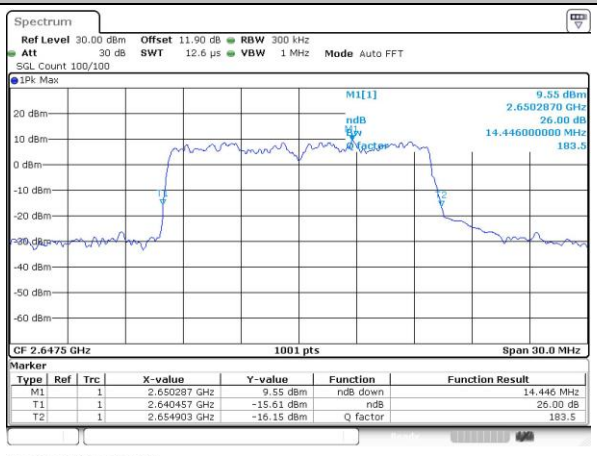
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

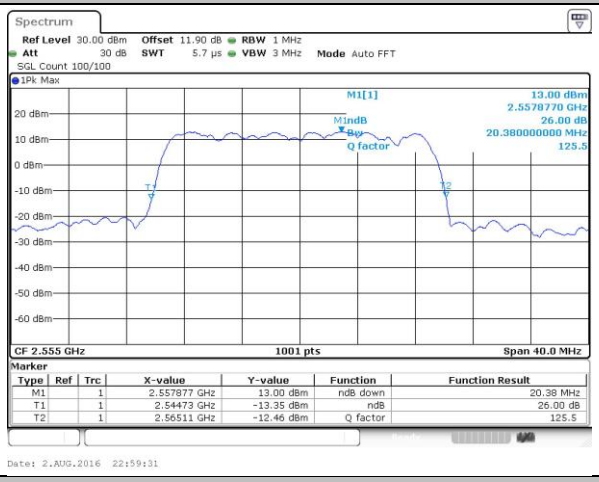


Highest Channel / 15MHz / 16QAM

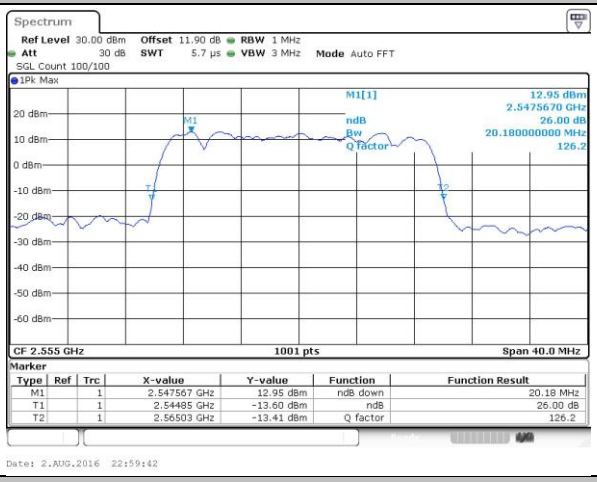


LTE Band 41

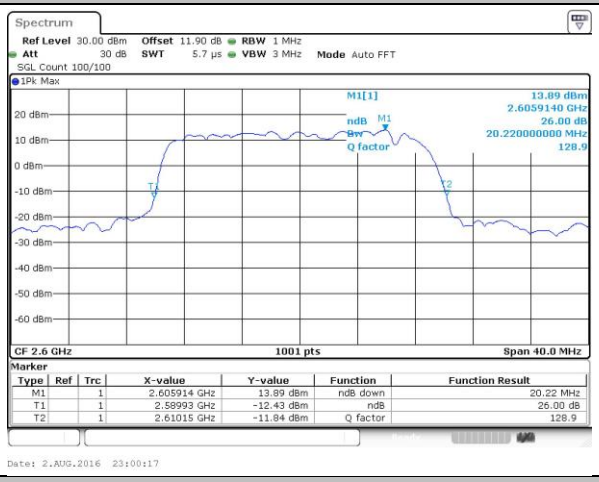
Lowest Channel / 20MHz / QPSK



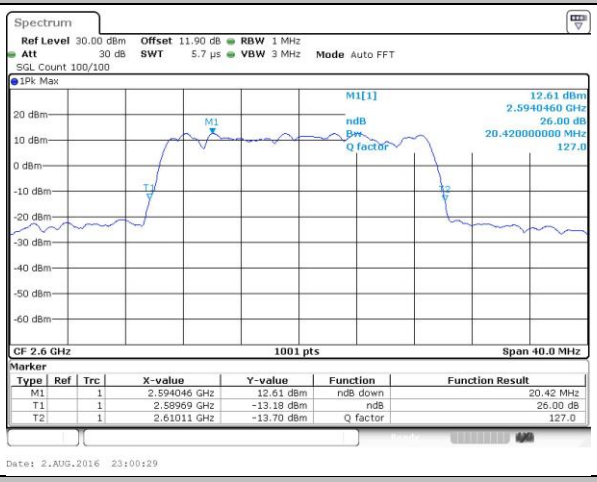
Lowest Channel / 20MHz / 16QAM



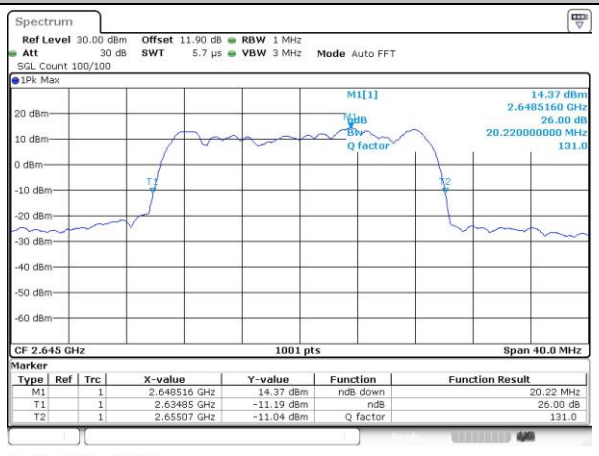
Middle Channel / 20MHz / QPSK



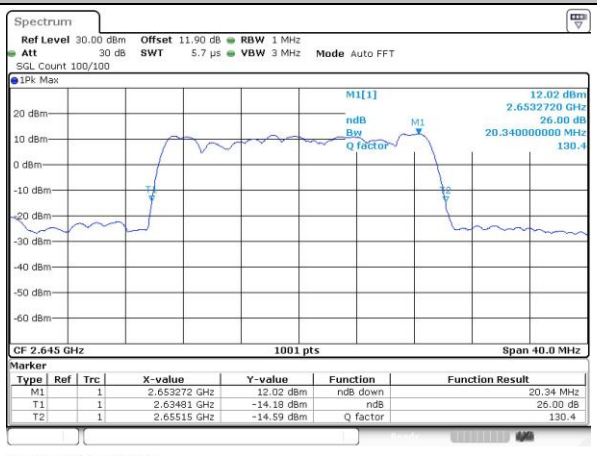
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

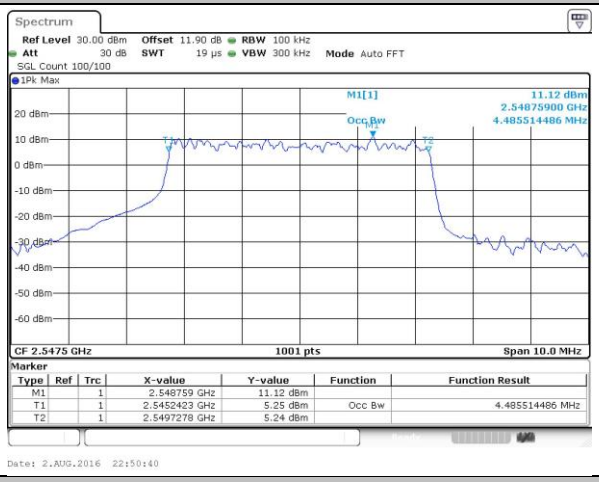


Occupied Bandwidth

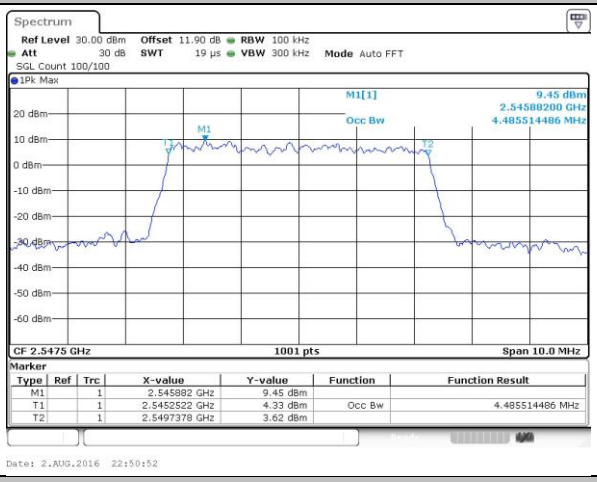
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.09	9.01	13.46	13.4	18.46	18.3
Middle CH	-	-	-	-	4.49	4.49	8.99	9.03	13.37	13.37	18.42	18.26
Highest CH	-	-	-	-	4.48	4.49	8.99	9.05	13.52	13.43	18.46	18.34

LTE Band 41

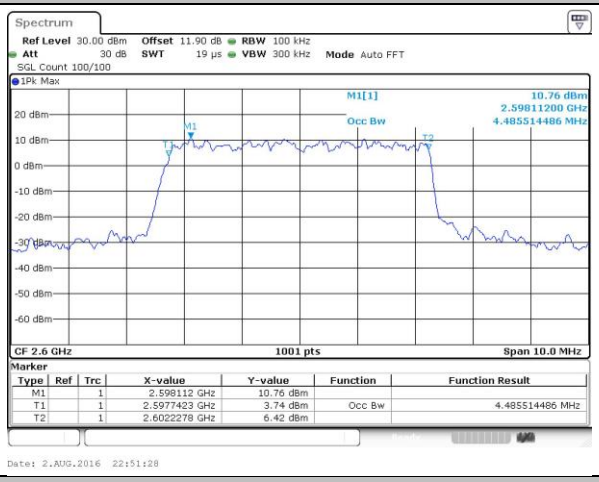
Lowest Channel / 5MHz / QPSK



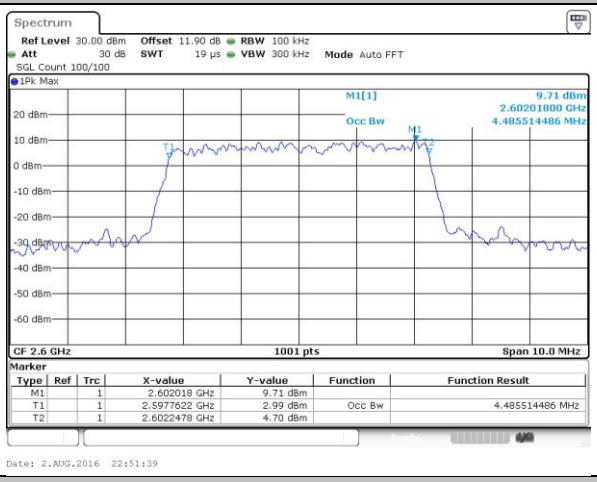
Lowest Channel / 5MHz / 16QAM



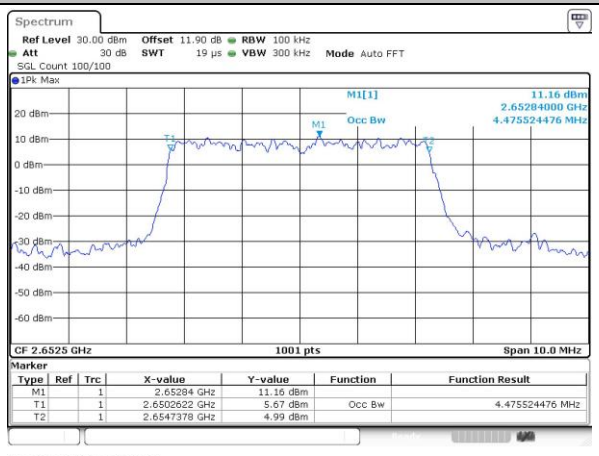
Middle Channel / 5MHz / QPSK



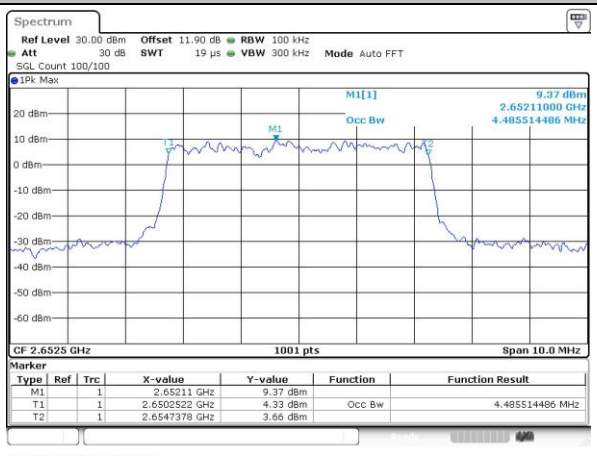
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

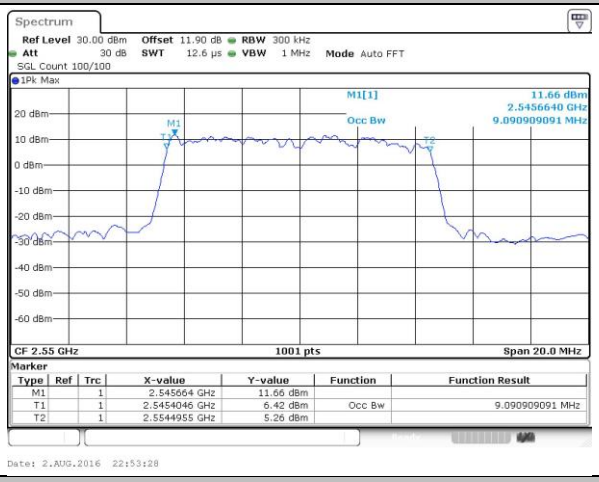


Highest Channel / 5MHz / 16QAM

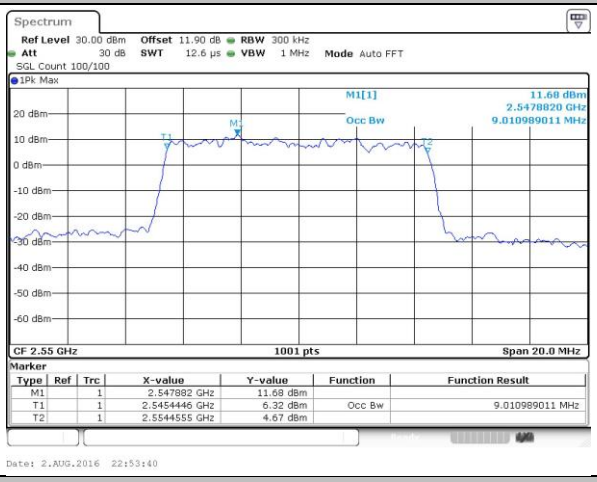


LTE Band 41

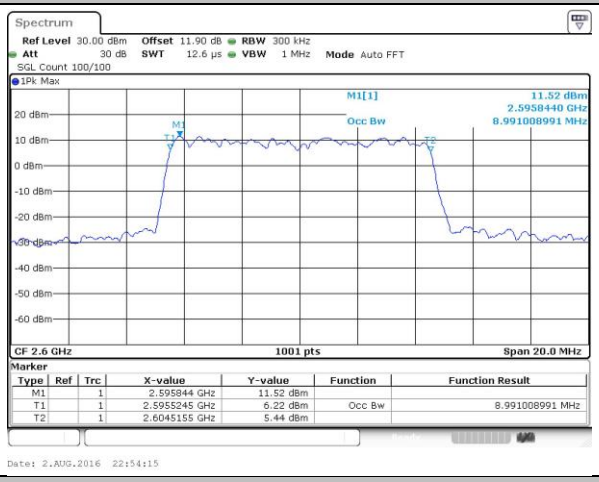
Lowest Channel / 10MHz / QPSK



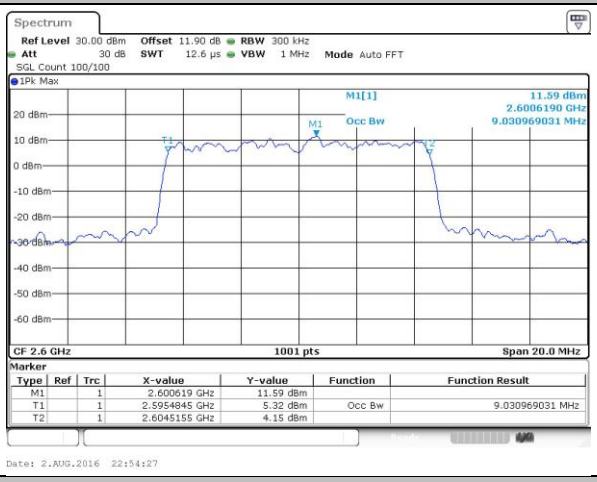
Lowest Channel / 10MHz / 16QAM



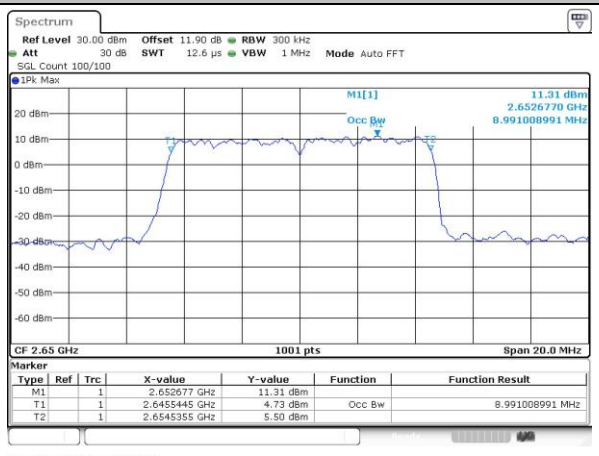
Middle Channel / 10MHz / QPSK



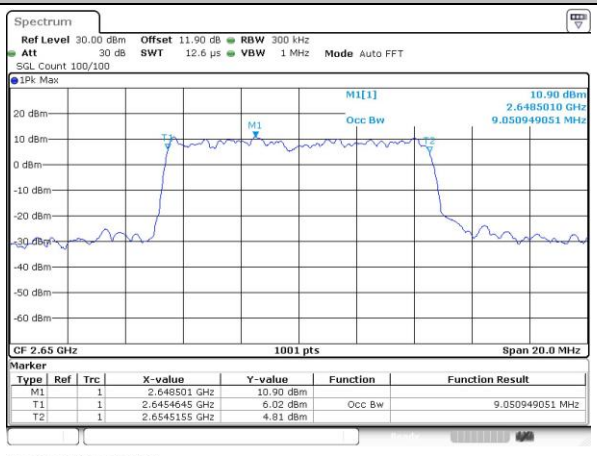
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

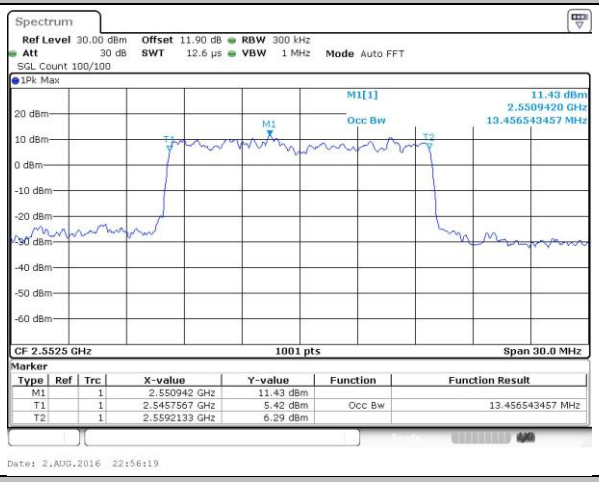


Highest Channel / 10MHz / 16QAM

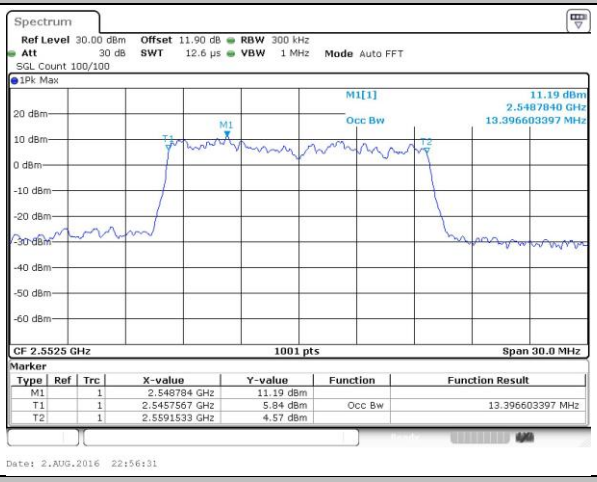


LTE Band 41

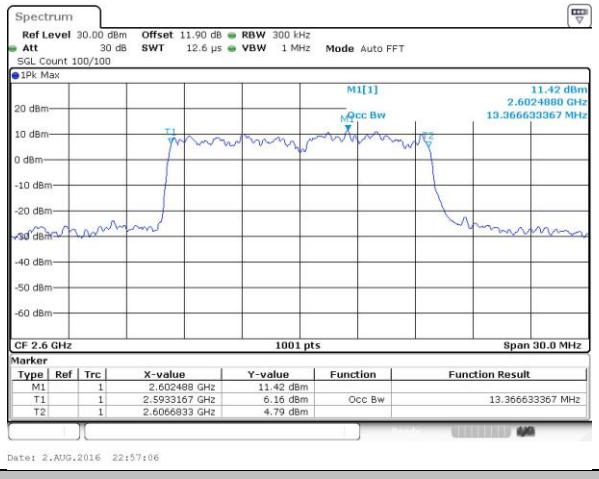
Lowest Channel / 15MHz / QPSK



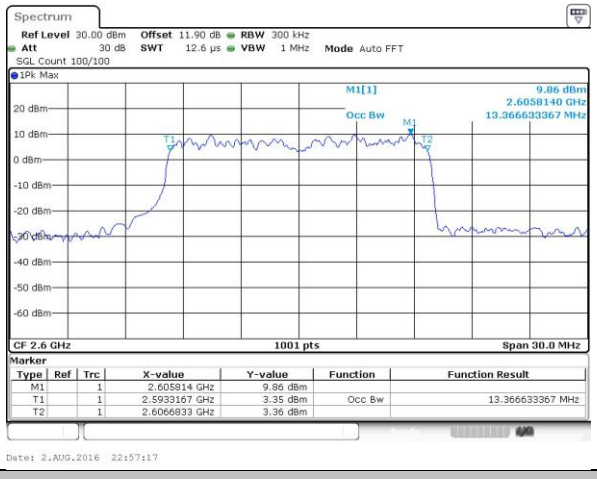
Lowest Channel / 15MHz / 16QAM



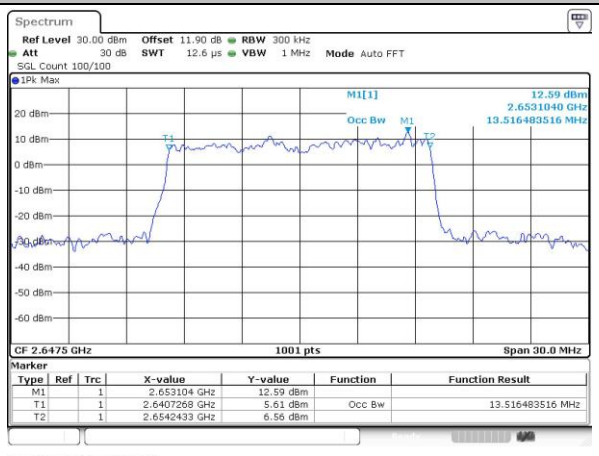
Middle Channel / 15MHz / QPSK



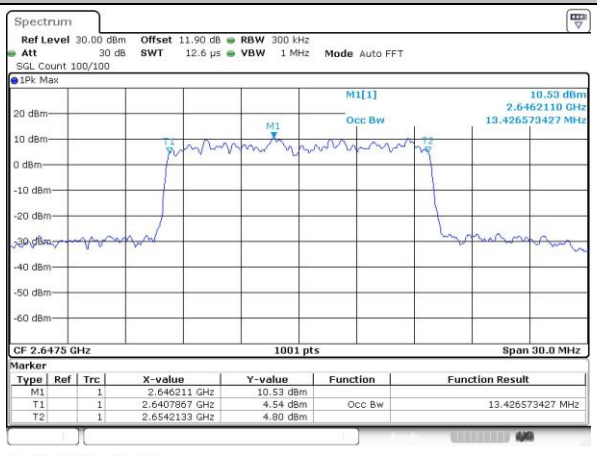
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

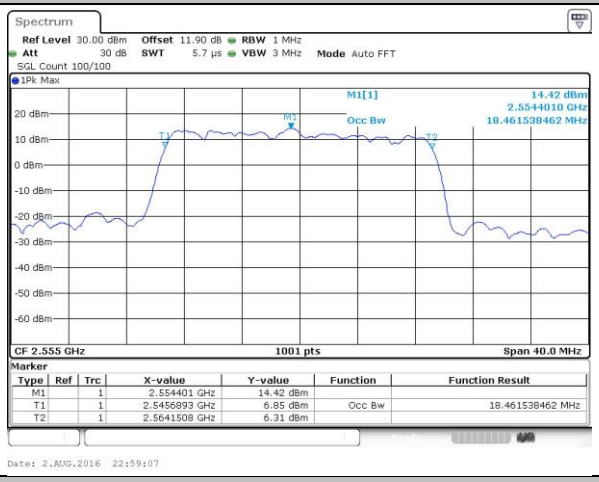


Highest Channel / 15MHz / 16QAM

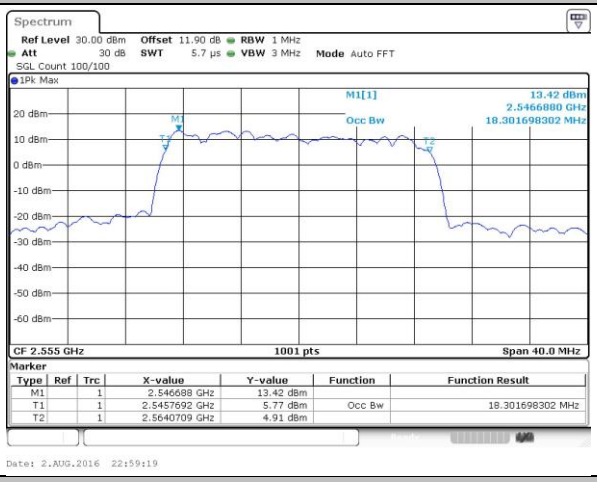


LTE Band 41

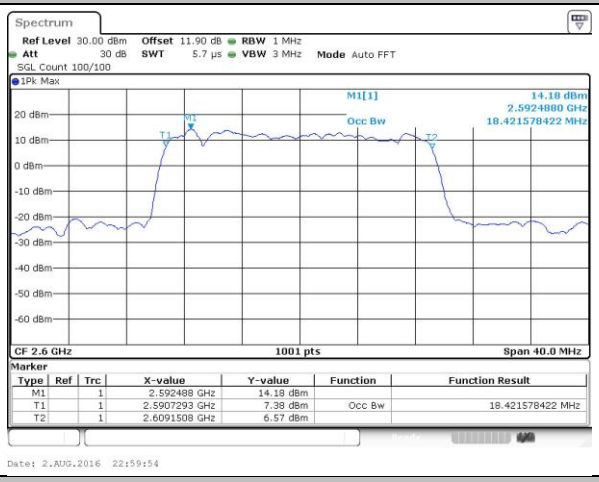
Lowest Channel / 20MHz / QPSK



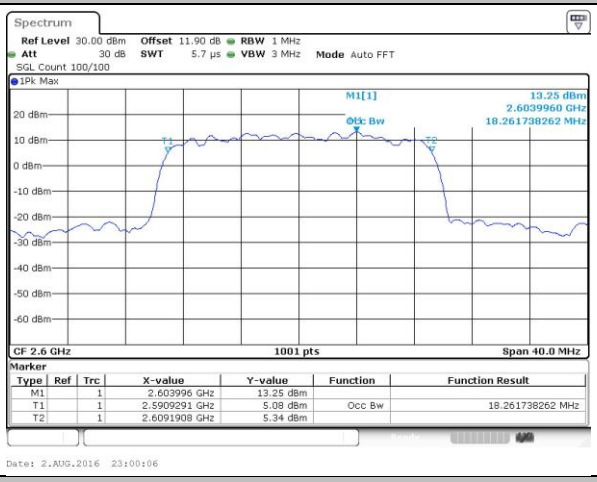
Lowest Channel / 20MHz / 16QAM



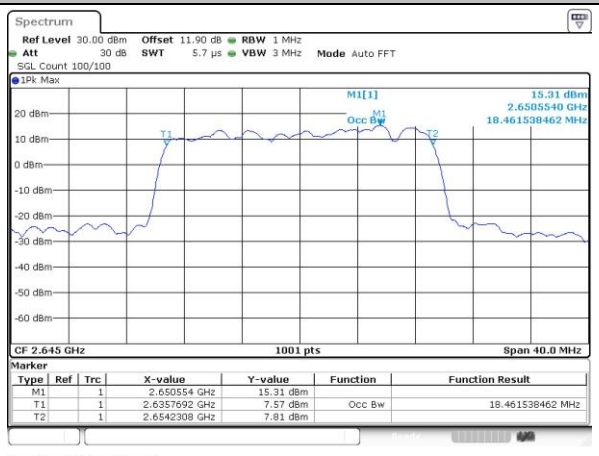
Middle Channel / 20MHz / QPSK



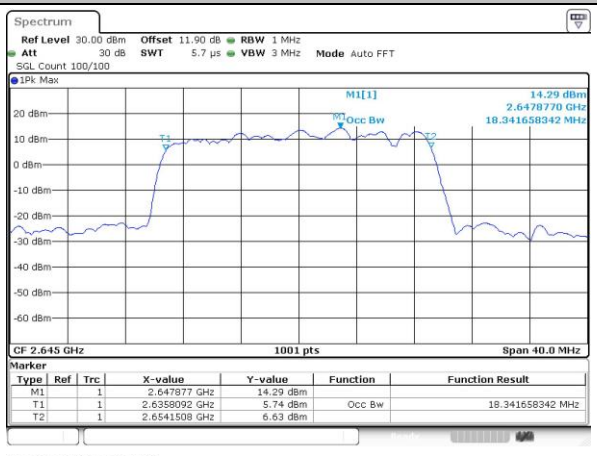
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



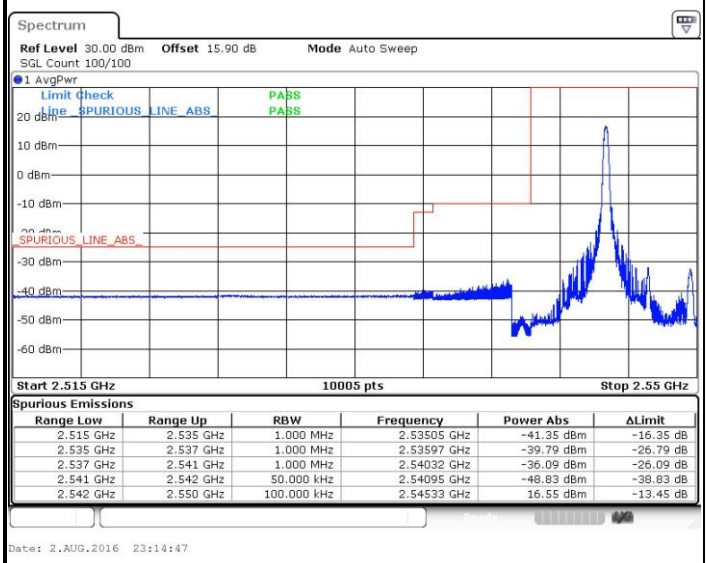
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB

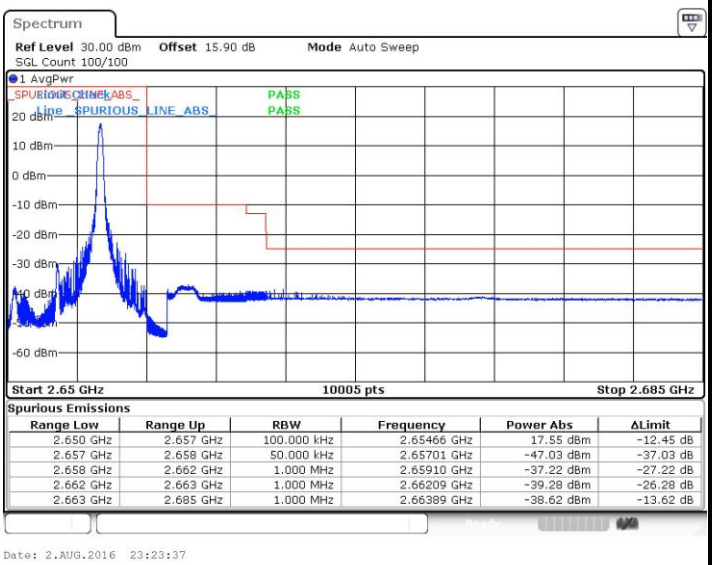


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.535 GHz	1.000 MHz	2.53505 GHz	-41.35 dBm	-16.35 dB
2.535 GHz	2.537 GHz	1.000 MHz	2.53597 GHz	-39.79 dBm	-26.79 dB
2.537 GHz	2.541 GHz	1.000 MHz	2.54032 GHz	-36.09 dBm	-26.09 dB
2.541 GHz	2.542 GHz	50.000 kHz	2.54095 GHz	-48.83 dBm	-38.83 dB
2.542 GHz	2.550 GHz	100.000 kHz	2.54533 GHz	16.55 dBm	-13.45 dB

Date: 2.AUG.2016 23:14:47

Highest Band Edge / 1 RB

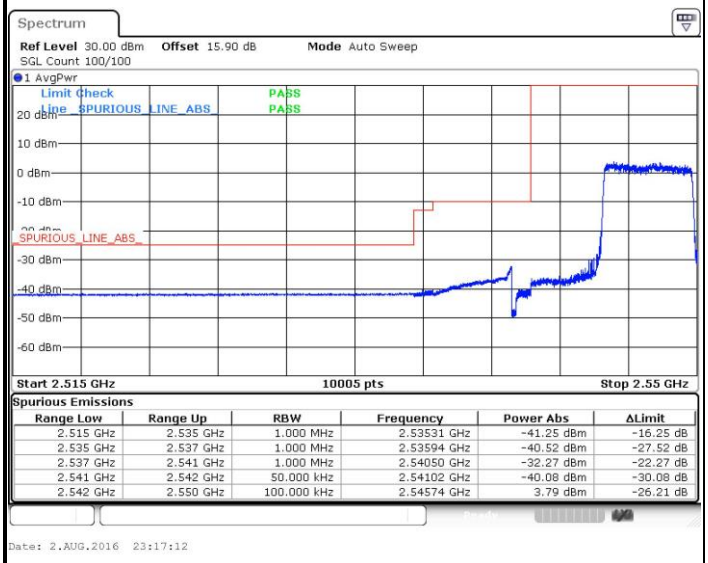


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.657 GHz	100.000 kHz	2.65466 GHz	17.55 dBm	-12.45 dB
2.657 GHz	2.658 GHz	50.000 kHz	2.65701 GHz	-47.03 dBm	-37.03 dB
2.658 GHz	2.662 GHz	1.000 MHz	2.65910 GHz	-37.22 dBm	-27.22 dB
2.662 GHz	2.663 GHz	1.000 MHz	2.66209 GHz	-39.28 dBm	-26.28 dB
2.663 GHz	2.685 GHz	1.000 MHz	2.66389 GHz	-38.62 dBm	-13.62 dB

Date: 2.AUG.2016 23:23:37

Lowest Band Edge / Full RB

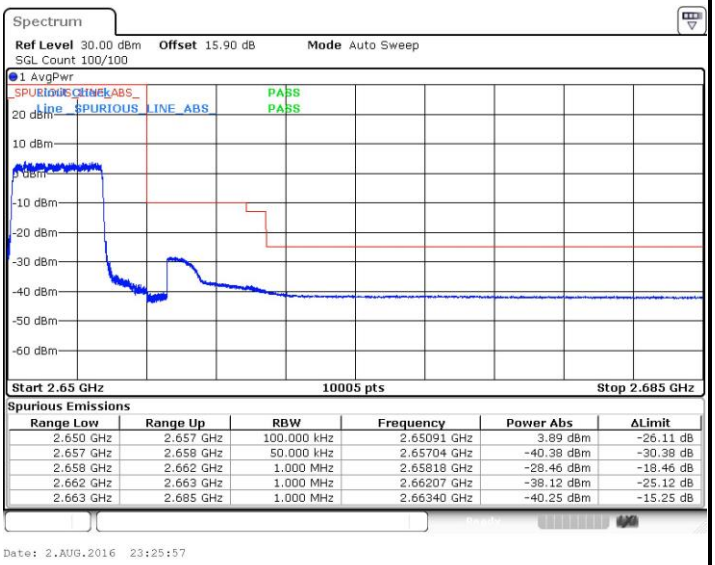


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.535 GHz	1.000 MHz	2.53531 GHz	-41.25 dBm	-16.25 dB
2.535 GHz	2.537 GHz	1.000 MHz	2.53594 GHz	-40.52 dBm	-27.52 dB
2.537 GHz	2.541 GHz	1.000 MHz	2.54050 GHz	-32.27 dBm	-22.27 dB
2.541 GHz	2.542 GHz	50.000 kHz	2.54102 GHz	-40.08 dBm	-30.08 dB
2.542 GHz	2.550 GHz	100.000 kHz	2.54574 GHz	3.79 dBm	-26.21 dB

Date: 2.AUG.2016 23:17:12

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.657 GHz	100.000 kHz	2.65091 GHz	3.89 dBm	-26.11 dB
2.657 GHz	2.658 GHz	50.000 kHz	2.65704 GHz	-40.38 dBm	-30.38 dB
2.658 GHz	2.662 GHz	1.000 MHz	2.65818 GHz	-28.46 dBm	-18.46 dB
2.662 GHz	2.663 GHz	1.000 MHz	2.66207 GHz	-38.12 dBm	-25.12 dB
2.663 GHz	2.685 GHz	1.000 MHz	2.66340 GHz	-40.25 dBm	-15.25 dB

Date: 2.AUG.2016 23:25:57