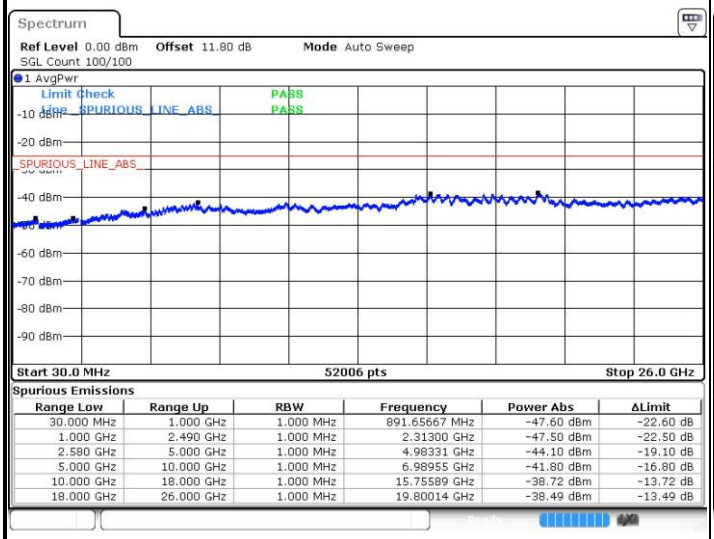
LTE Band 7 / 10MHz

Middle Channel / QPSK

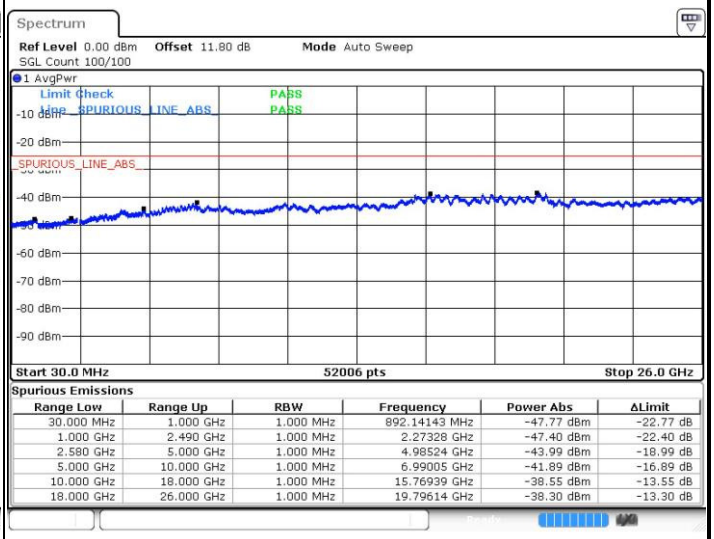


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.65667 MHz	-47.60 dBm	-22.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31300 GHz	-47.50 dBm	-22.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-44.10 dBm	-19.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.80 dBm	-16.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75589 GHz	-38.72 dBm	-13.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80014 GHz	-38.49 dBm	-13.49 dB

Date: 21.APR.2017 21:10:43

Middle Channel / 16QAM

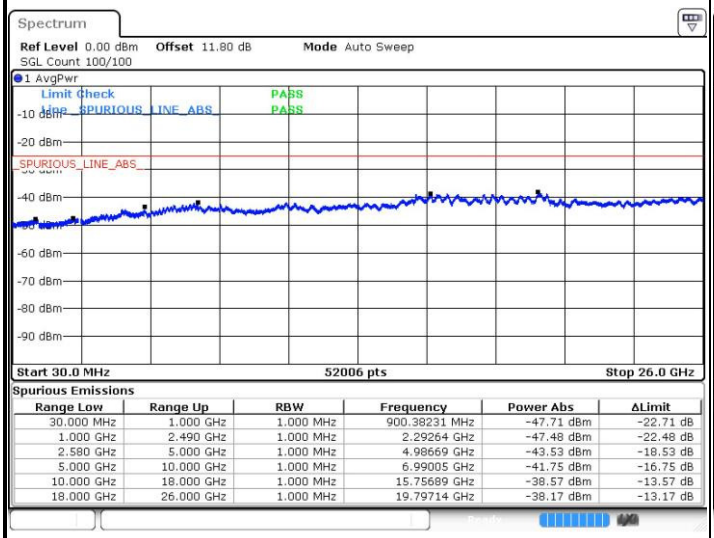


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-47.77 dBm	-22.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.27328 GHz	-47.40 dBm	-22.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.99 dBm	-18.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.89 dBm	-16.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76939 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79614 GHz	-38.30 dBm	-13.30 dB

Date: 21.APR.2017 21:11:37

Highest Channel / QPSK

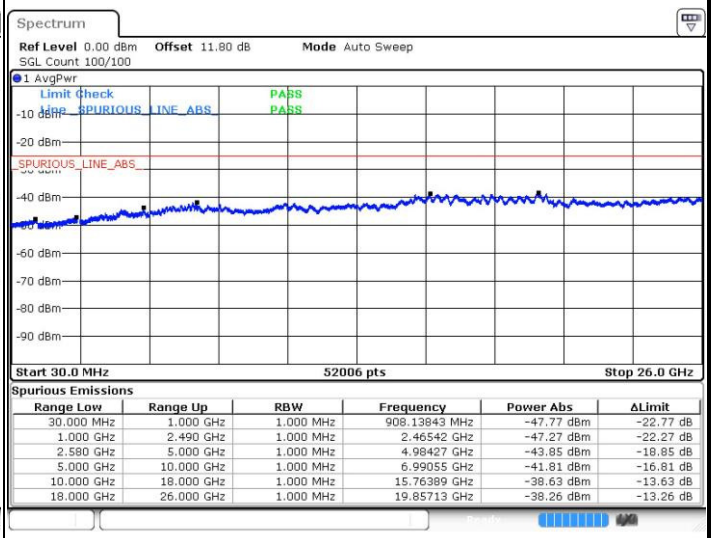


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.38231 MHz	-47.71 dBm	-22.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29264 GHz	-47.48 dBm	-22.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-43.53 dBm	-18.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.75 dBm	-16.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75689 GHz	-38.57 dBm	-13.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-38.17 dBm	-13.17 dB

Date: 21.APR.2017 21:19:29

Highest Channel / 16QAM



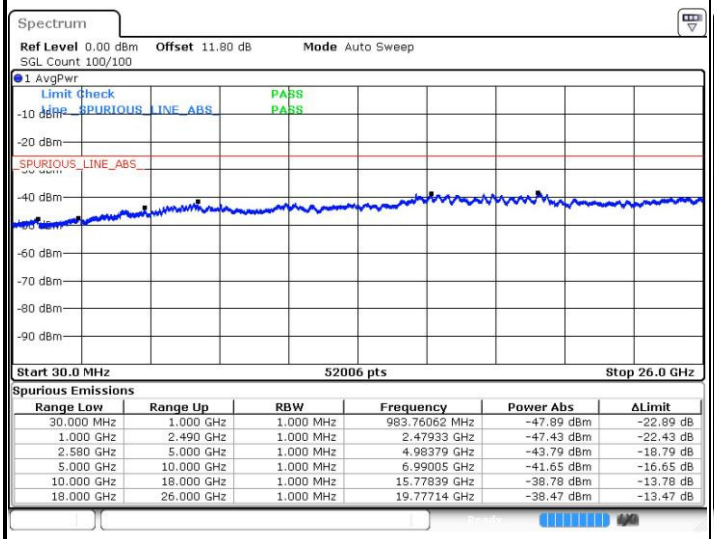
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-47.77 dBm	-22.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46542 GHz	-47.27 dBm	-22.27 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.85 dBm	-18.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.81 dBm	-16.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76389 GHz	-38.63 dBm	-13.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85713 GHz	-38.26 dBm	-13.26 dB

Date: 21.APR.2017 21:20:22

LTE Band 7 / 15MHz

Lowest Channel / QPSK

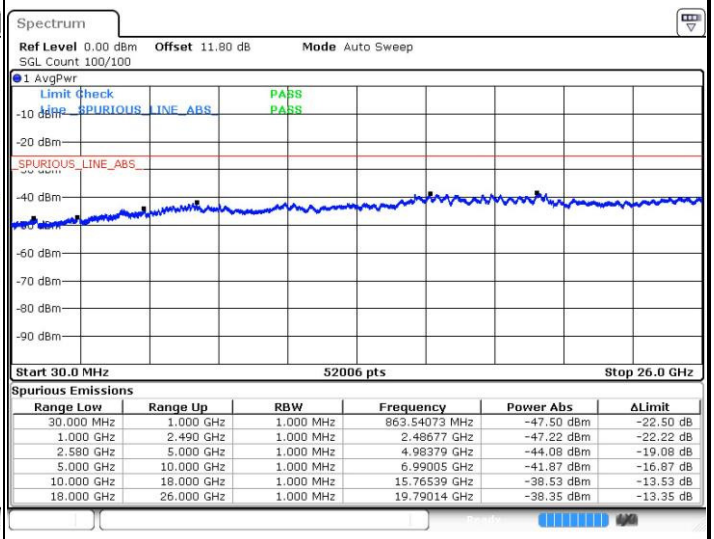


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.89 dBm	-22.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47933 GHz	-47.43 dBm	-22.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-43.79 dBm	-18.79 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.65 dBm	-16.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77839 GHz	-38.78 dBm	-13.78 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77714 GHz	-38.47 dBm	-13.47 dB

Date: 21.APR.2017 21:26:37

Lowest Channel / 16QAM

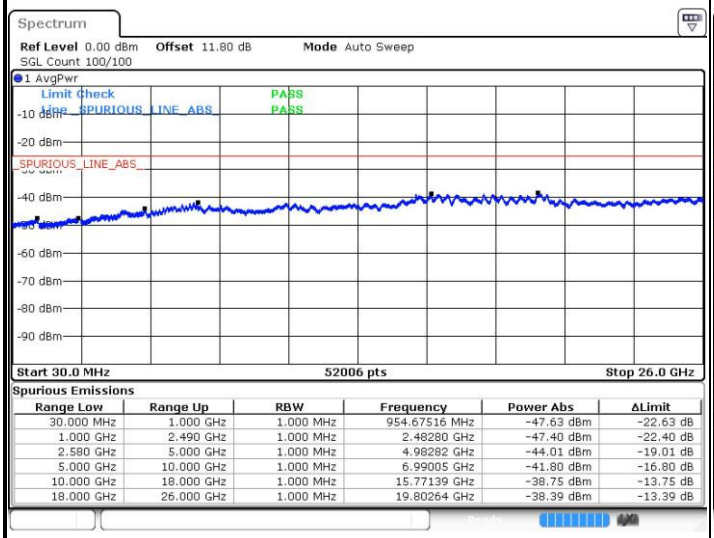


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-47.50 dBm	-22.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-47.22 dBm	-22.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-44.08 dBm	-19.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.87 dBm	-16.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76539 GHz	-38.53 dBm	-13.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79014 GHz	-38.35 dBm	-13.35 dB

Date: 21.APR.2017 21:27:30

Middle Channel / QPSK

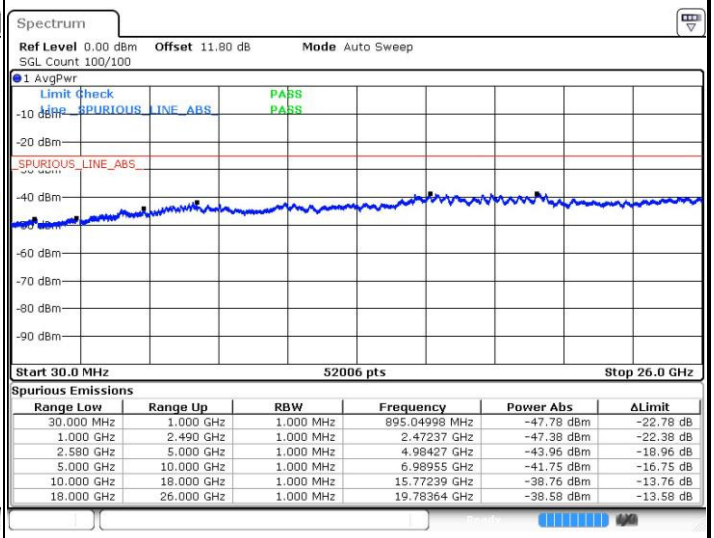


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-47.63 dBm	-22.63 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-47.40 dBm	-22.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-44.01 dBm	-19.01 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.80 dBm	-16.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77139 GHz	-38.75 dBm	-13.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80264 GHz	-38.39 dBm	-13.39 dB

Date: 21.APR.2017 21:29:05

Middle Channel / 16QAM



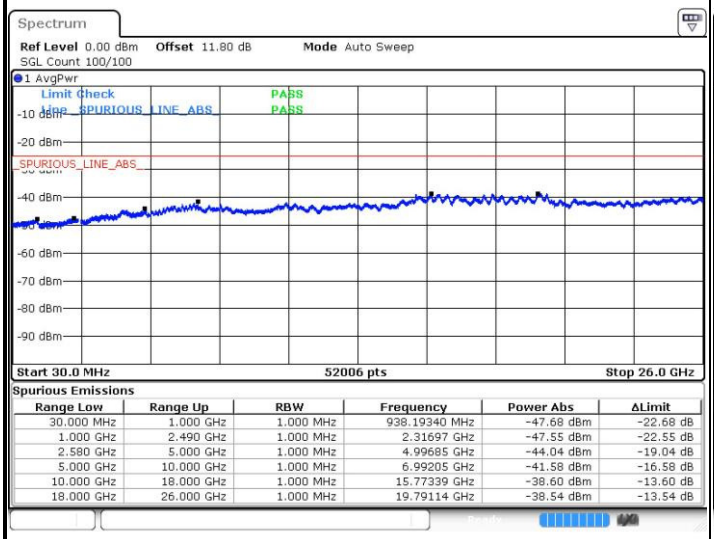
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.04998 MHz	-47.78 dBm	-22.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47237 GHz	-47.38 dBm	-22.38 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.96 dBm	-18.96 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.75 dBm	-16.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77239 GHz	-38.76 dBm	-13.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78364 GHz	-38.58 dBm	-13.58 dB

Date: 21.APR.2017 21:29:59

LTE Band7 / 15MHz

Highest Channel / QPSK

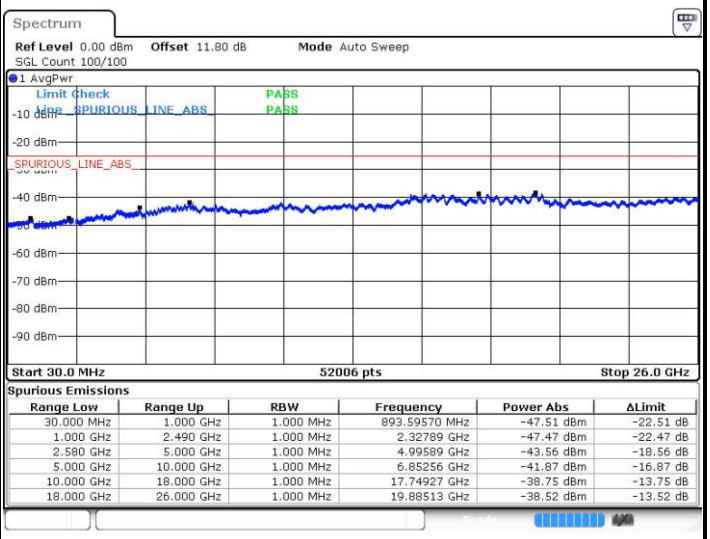


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-47.68 dBm	-22.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31697 GHz	-47.55 dBm	-22.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-44.04 dBm	-19.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-41.58 dBm	-16.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77339 GHz	-38.60 dBm	-13.60 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79114 GHz	-38.54 dBm	-13.54 dB

Date: 21.APR.2017 21:36:14

Highest Channel / 16QAM



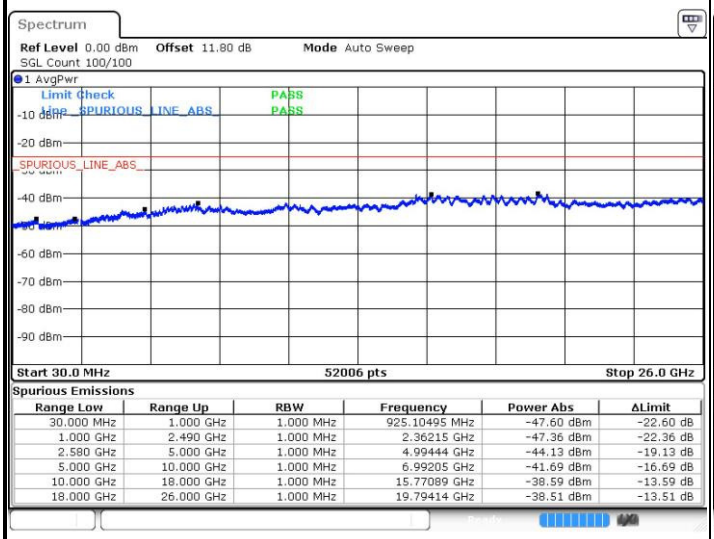
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-47.51 dBm	-22.51 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32789 GHz	-47.47 dBm	-22.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99589 GHz	-43.56 dBm	-18.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85256 GHz	-41.87 dBm	-16.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.74927 GHz	-38.75 dBm	-13.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88513 GHz	-38.52 dBm	-13.52 dB

Date: 21.APR.2017 21:37:07

LTE Band 7 / 20MHz

Lowest Channel / QPSK

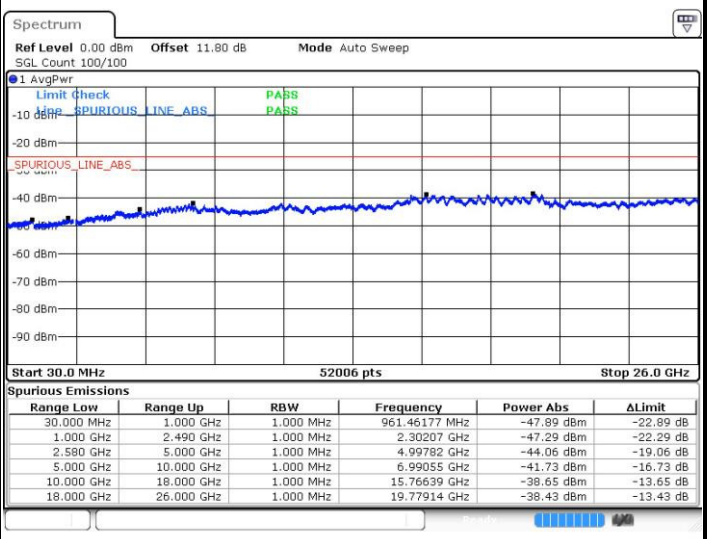


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-47.60 dBm	-22.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.36215 GHz	-47.36 dBm	-22.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-44.13 dBm	-19.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-41.69 dBm	-16.69 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77089 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-38.51 dBm	-13.51 dB

Date: 21.APR.2017 21:43:22

Lowest Channel / 16QAM



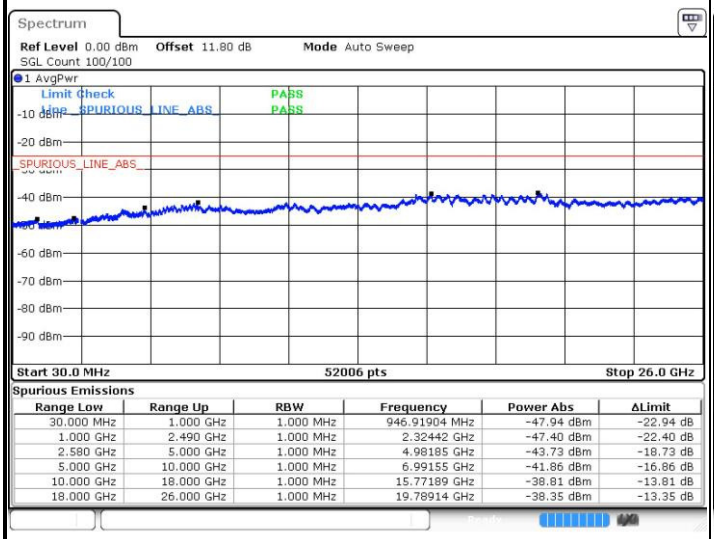
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-47.89 dBm	-22.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30207 GHz	-47.29 dBm	-22.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99782 GHz	-44.06 dBm	-19.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.73 dBm	-16.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76639 GHz	-38.65 dBm	-13.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77914 GHz	-38.43 dBm	-13.43 dB

Date: 21.APR.2017 21:44:15

LTE Band 7 / 20MHz

Middle Channel / QPSK

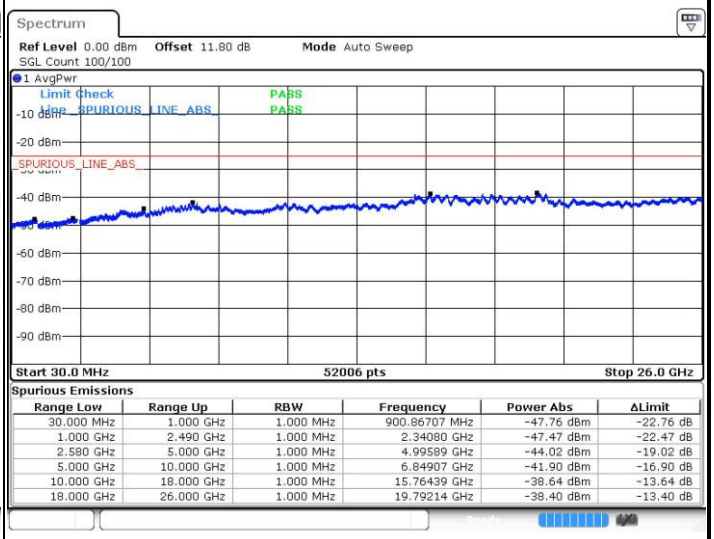


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-47.94 dBm	-22.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32442 GHz	-47.40 dBm	-22.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.73 dBm	-18.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.86 dBm	-16.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77189 GHz	-38.81 dBm	-13.81 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78914 GHz	-38.35 dBm	-13.35 dB

Date: 21.APR.2017 21:46:25

Middle Channel / 16QAM

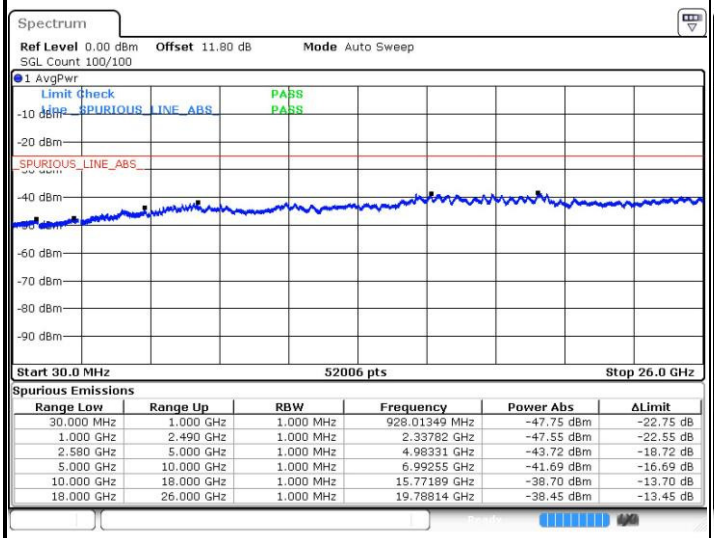


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-47.76 dBm	-22.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34080 GHz	-47.47 dBm	-22.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99589 GHz	-44.02 dBm	-19.02 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84907 GHz	-41.90 dBm	-16.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76439 GHz	-38.64 dBm	-13.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-38.40 dBm	-13.40 dB

Date: 21.APR.2017 21:47:19

Highest Channel / QPSK

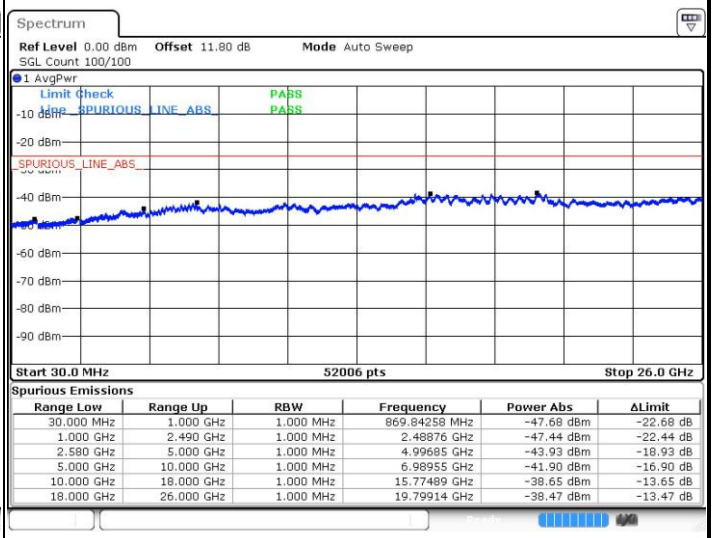


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-47.75 dBm	-22.75 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33782 GHz	-47.55 dBm	-22.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-43.72 dBm	-18.72 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-41.69 dBm	-16.69 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77189 GHz	-38.70 dBm	-13.70 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78814 GHz	-38.45 dBm	-13.45 dB

Date: 21.APR.2017 21:58:56

Highest Channel / 16QAM



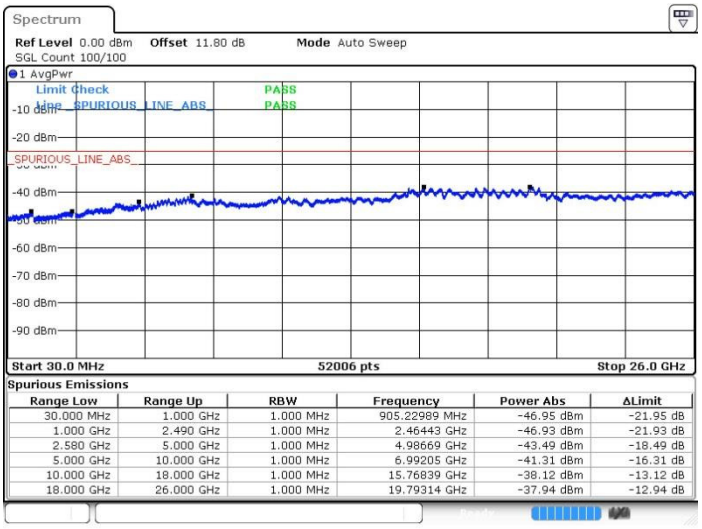
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.84258 MHz	-47.68 dBm	-22.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-47.44 dBm	-22.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-43.93 dBm	-18.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.90 dBm	-16.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77489 GHz	-38.65 dBm	-13.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79914 GHz	-38.47 dBm	-13.47 dB

Date: 21.APR.2017 21:59:49

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

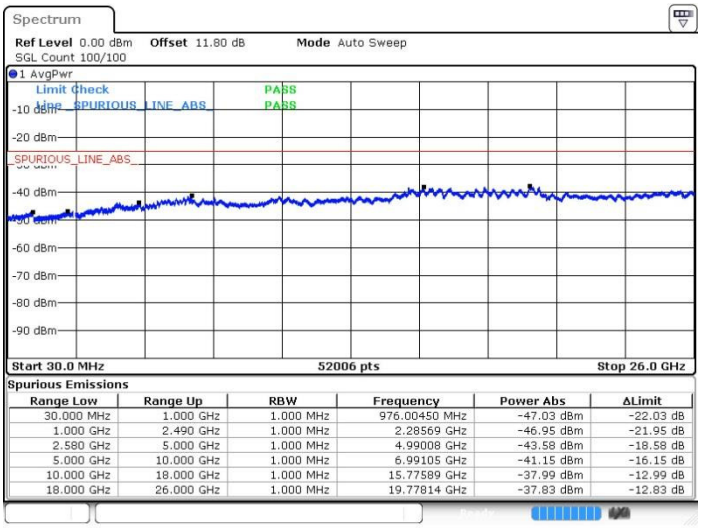


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-46.95 dBm	-21.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46443 GHz	-46.93 dBm	-21.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-43.49 dBm	-18.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-41.31 dBm	-16.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76839 GHz	-38.12 dBm	-13.12 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79314 GHz	-37.94 dBm	-12.94 dB

Date: 28.APR.2017 10:22:06

Middle Channel / 64QAM



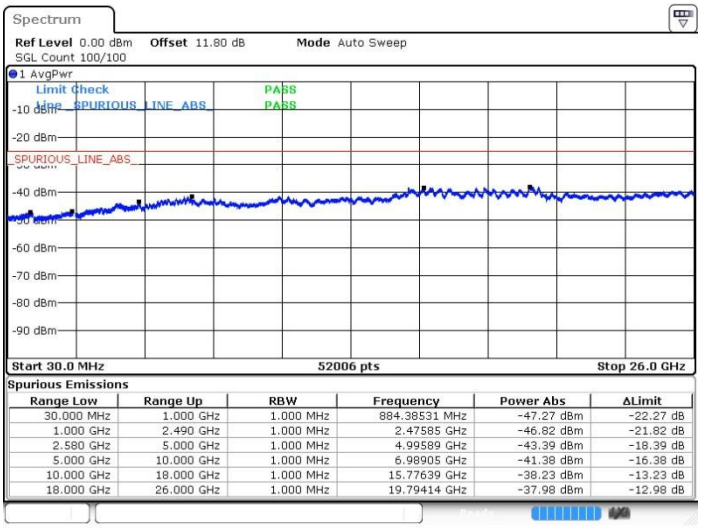
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.03 dBm	-22.03 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28569 GHz	-46.95 dBm	-21.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99008 GHz	-43.58 dBm	-18.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-41.15 dBm	-16.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77589 GHz	-37.99 dBm	-12.99 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77814 GHz	-37.83 dBm	-12.83 dB

Date: 28.APR.2017 10:23:21

LTE Band 7 / 5MHz

Highest Channel / 64QAM



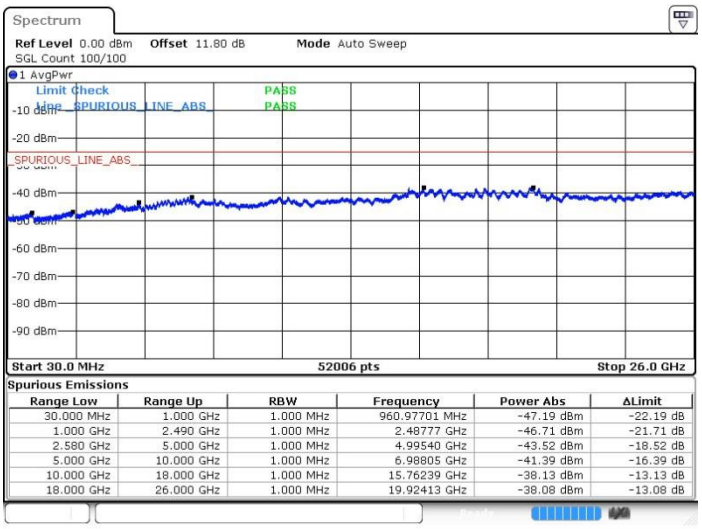
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-47.27 dBm	-22.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47585 GHz	-46.82 dBm	-21.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99589 GHz	-43.39 dBm	-18.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98905 GHz	-41.38 dBm	-16.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77639 GHz	-38.23 dBm	-13.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.98 dBm	-12.98 dB

Date: 28.APR.2017 10:26:55

LTE Band 7 / 10MHz

Lowest Channel / 64QAM



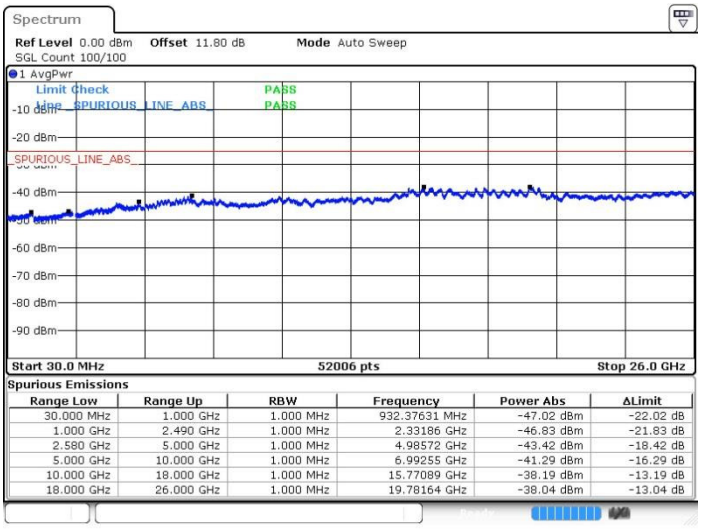
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-47.19 dBm	-22.19 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.71 dBm	-21.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99540 GHz	-43.52 dBm	-18.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98805 GHz	-41.39 dBm	-16.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76239 GHz	-38.13 dBm	-13.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92413 GHz	-38.08 dBm	-13.08 dB

Date: 28.APR.2017 10:30:29

LTE Band 7 / 10MHz

Middle Channel / 64QAM

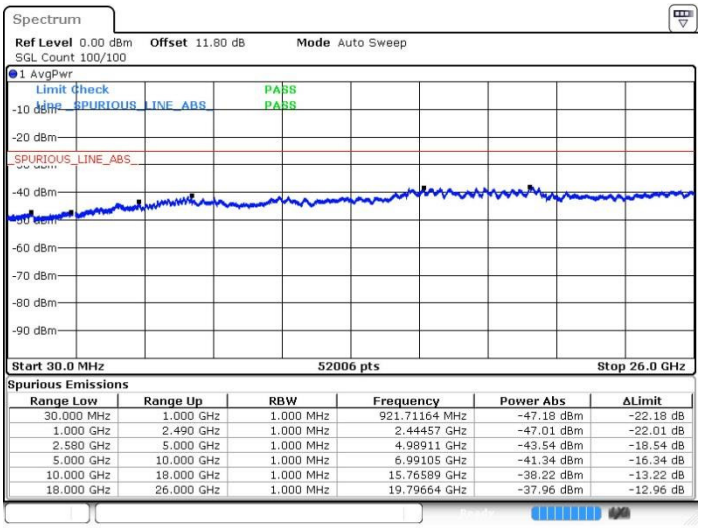


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-47.02 dBm	-22.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33186 GHz	-46.83 dBm	-21.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98572 GHz	-43.42 dBm	-18.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-41.29 dBm	-16.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77089 GHz	-38.19 dBm	-13.19 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-38.04 dBm	-13.04 dB

Date: 28.APR.2017 10:31:43

Highest Channel / 64QAM



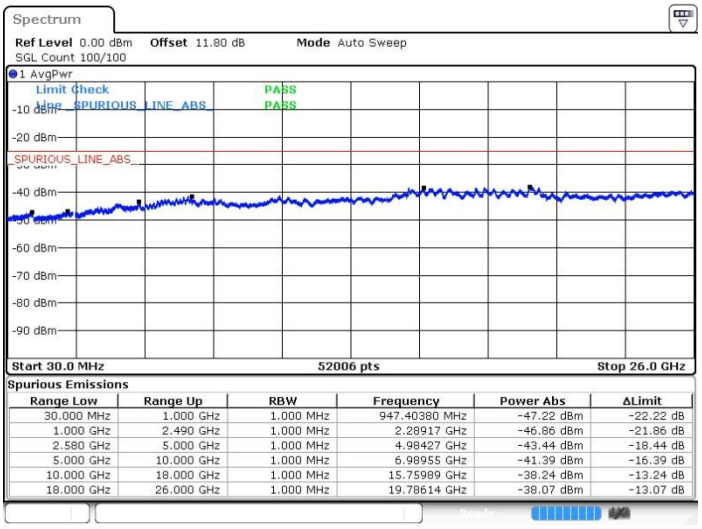
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-47.18 dBm	-22.18 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44457 GHz	-47.01 dBm	-22.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.54 dBm	-18.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-41.34 dBm	-16.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76589 GHz	-38.22 dBm	-13.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79664 GHz	-37.96 dBm	-12.96 dB

Date: 28.APR.2017 10:35:17

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

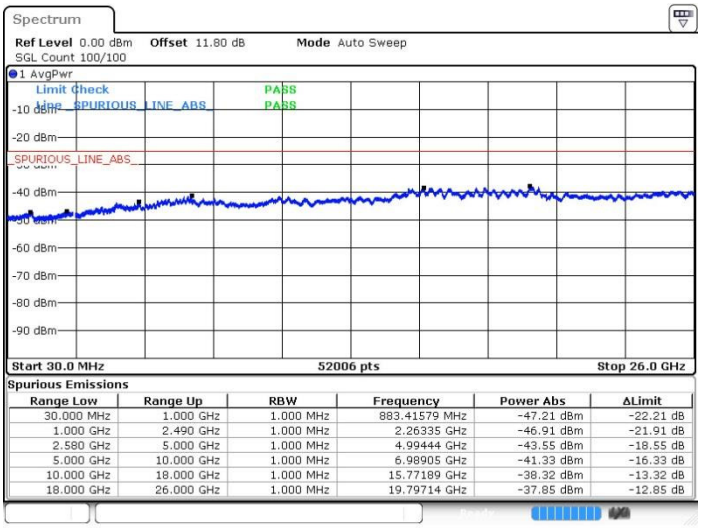


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-47.22 dBm	-22.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28917 GHz	-46.86 dBm	-21.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.44 dBm	-18.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.39 dBm	-16.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75989 GHz	-38.24 dBm	-13.24 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78614 GHz	-38.07 dBm	-13.07 dB

Date: 28.APR.2017 10:38:51

Middle Channel / 64QAM



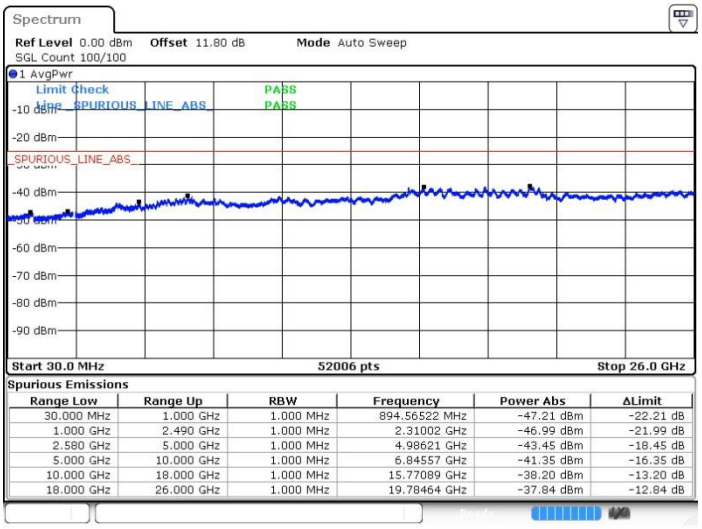
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-47.21 dBm	-22.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.26335 GHz	-46.91 dBm	-21.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-43.55 dBm	-18.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98905 GHz	-41.33 dBm	-16.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77189 GHz	-38.32 dBm	-13.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-37.85 dBm	-12.85 dB

Date: 28.APR.2017 10:40:07

LTE Band7 / 15MHz

Highest Channel / 64QAM



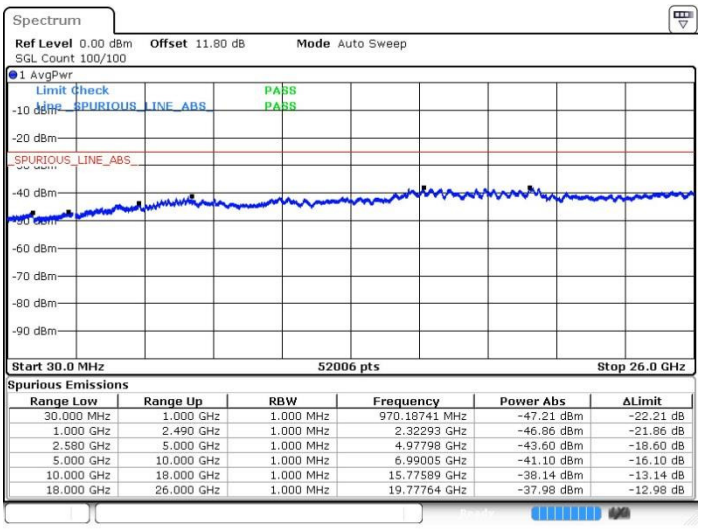
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-47.21 dBm	-22.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31002 GHz	-46.99 dBm	-21.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-43.45 dBm	-18.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84557 GHz	-41.35 dBm	-16.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77089 GHz	-38.20 dBm	-13.20 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78464 GHz	-37.84 dBm	-12.84 dB

Date: 28.APR.2017 10:43:40

LTE Band 7 / 20MHz

Lowest Channel / 64QAM



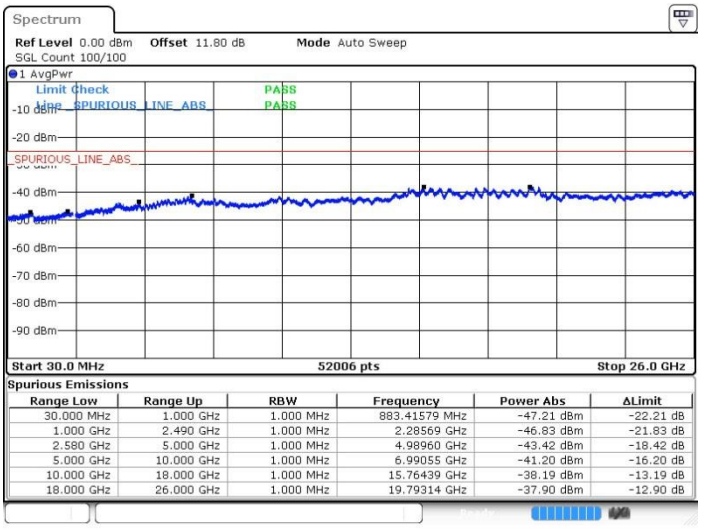
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.18741 MHz	-47.21 dBm	-22.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32293 GHz	-46.86 dBm	-21.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97798 GHz	-43.60 dBm	-18.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.10 dBm	-16.10 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77589 GHz	-38.14 dBm	-13.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77764 GHz	-37.98 dBm	-12.98 dB

Date: 28.APR.2017 10:47:14

LTE Band 7 / 20MHz

Middle Channel / 64QAM

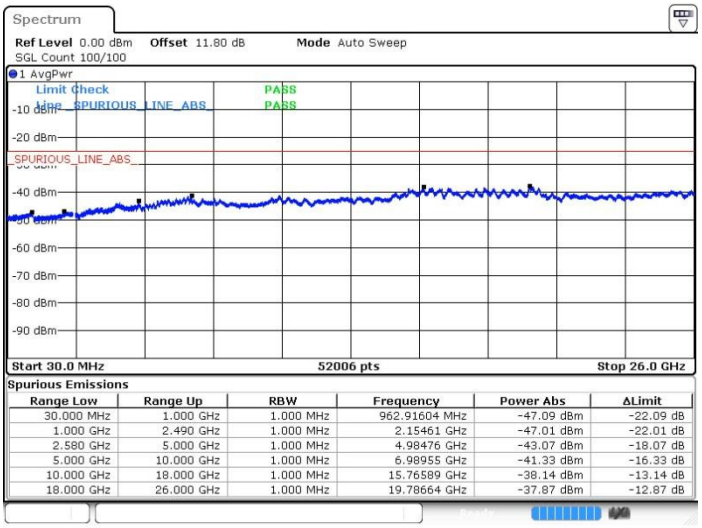


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-47.21 dBm	-22.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28569 GHz	-46.83 dBm	-21.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98960 GHz	-43.42 dBm	-18.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.20 dBm	-16.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76439 GHz	-38.19 dBm	-13.19 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79314 GHz	-37.90 dBm	-12.90 dB

Date: 28.APR.2017 10:48:29

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-47.09 dBm	-22.09 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15461 GHz	-47.01 dBm	-22.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.07 dBm	-18.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.33 dBm	-16.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76589 GHz	-38.14 dBm	-13.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78664 GHz	-37.87 dBm	-12.87 dB

Date: 28.APR.2017 10:52:03

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0069	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0085	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0056	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

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.

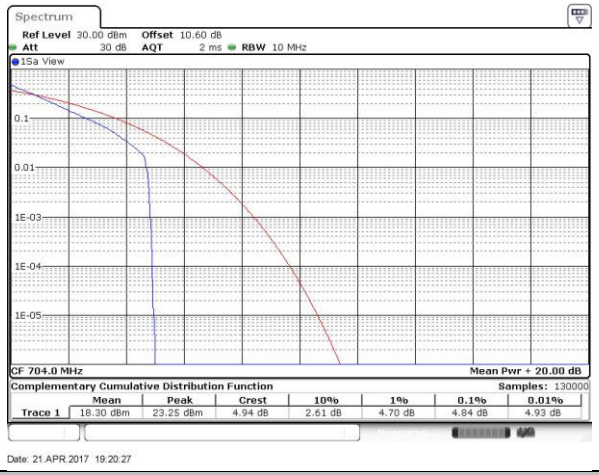
LTE Band 12

Peak-to-Average Ratio

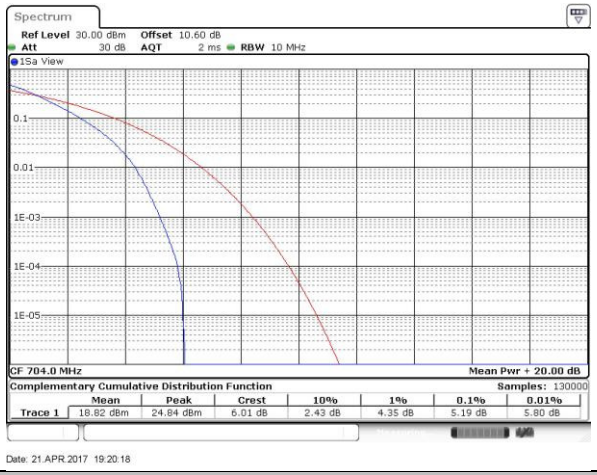
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.84	5.19	5.68	6	PASS
Middle CH	5.01	4.99	5.59	5.86	
Highest CH	4.52	5.22	5.39	5.94	
Mod.	-		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	5.28	5.97	PASS
Middle CH	-	-	5.57	5.91	
Highest CH	-	-	5.19	5.94	

LTE Band 12 / 10MHz / QPSK

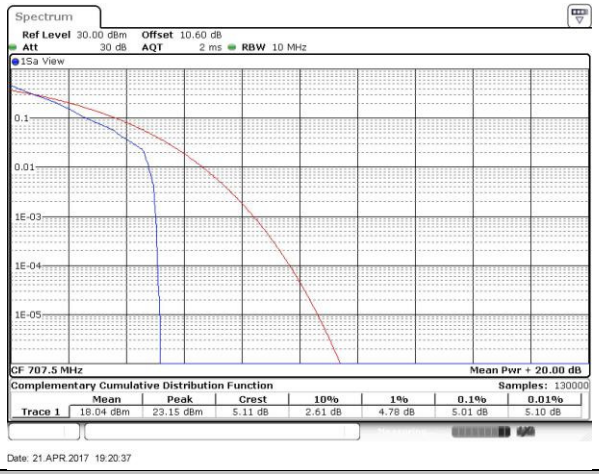
Lowest Channel / 1RB



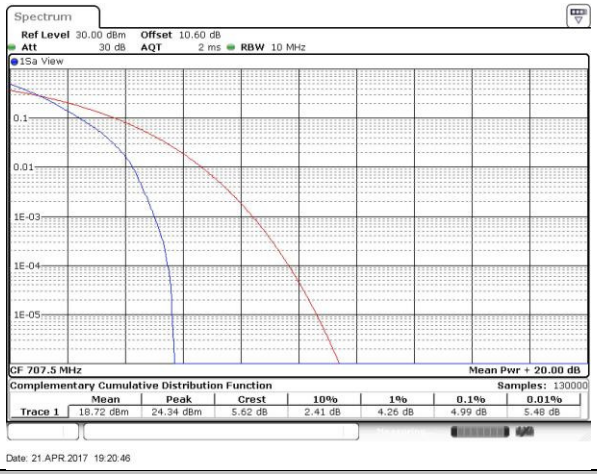
Lowest Channel / Full RB



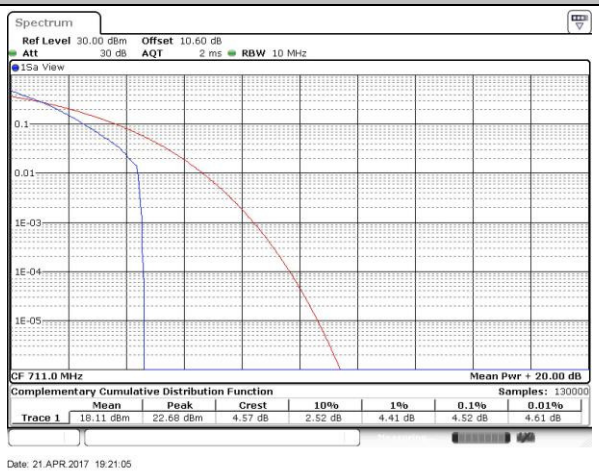
Middle Channel / 1RB



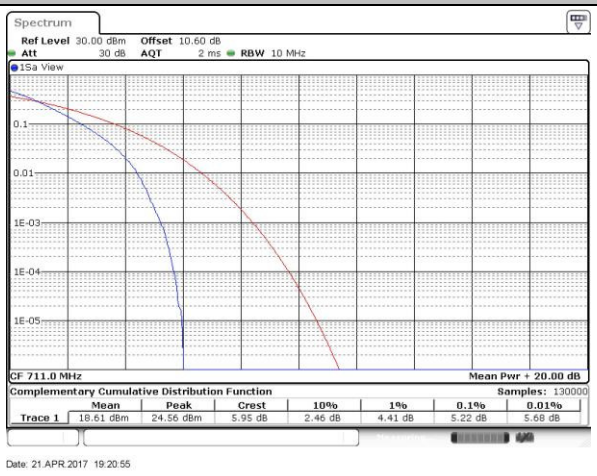
Middle Channel / Full RB



Highest Channel / 1RB

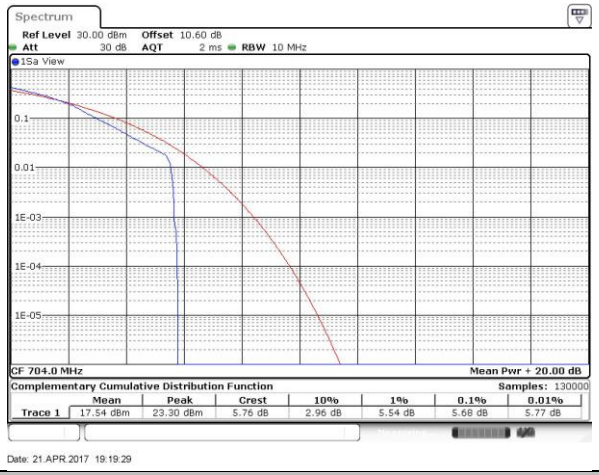


Highest Channel / Full RB

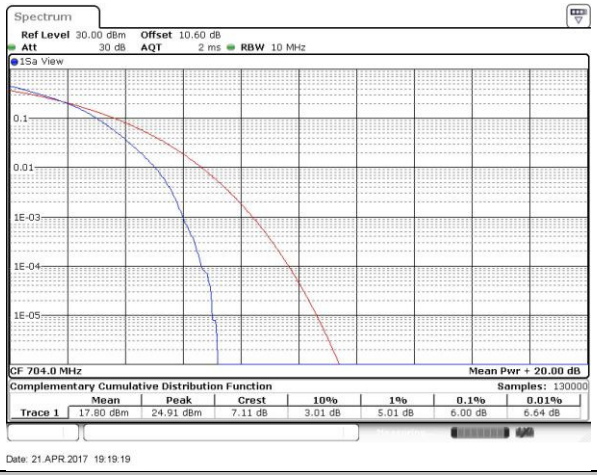


LTE Band 12 / 10MHz / 16QAM

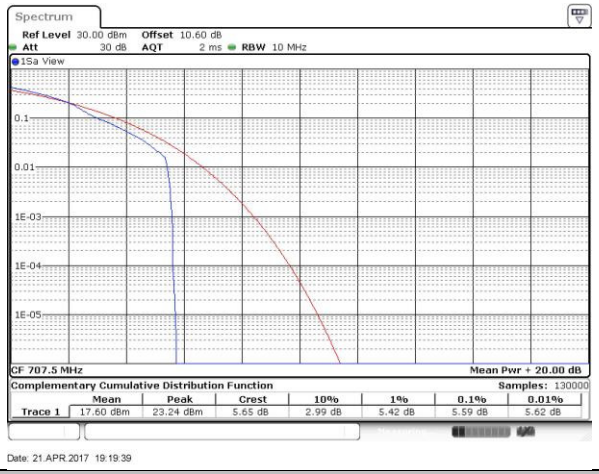
Lowest Channel / 1RB



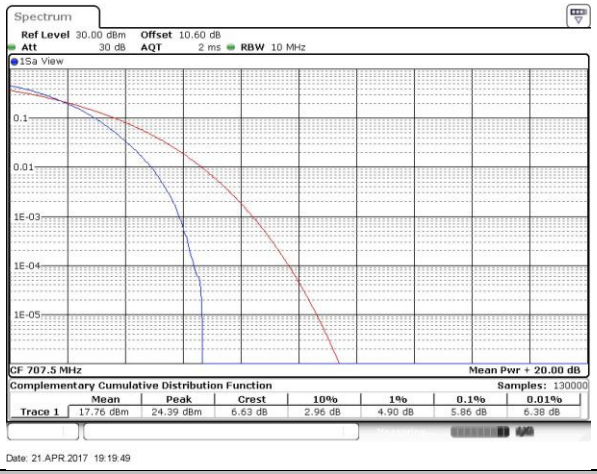
Lowest Channel / Full RB



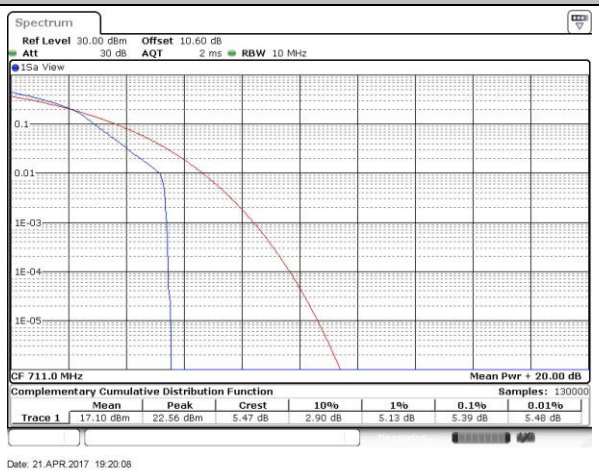
Middle Channel / 1RB



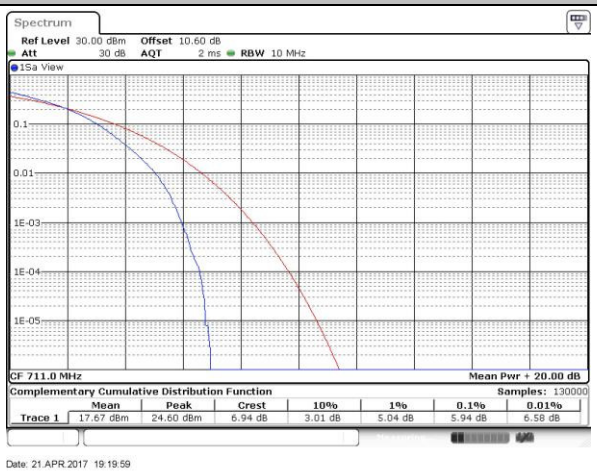
Middle Channel / Full RB



Highest Channel / 1RB

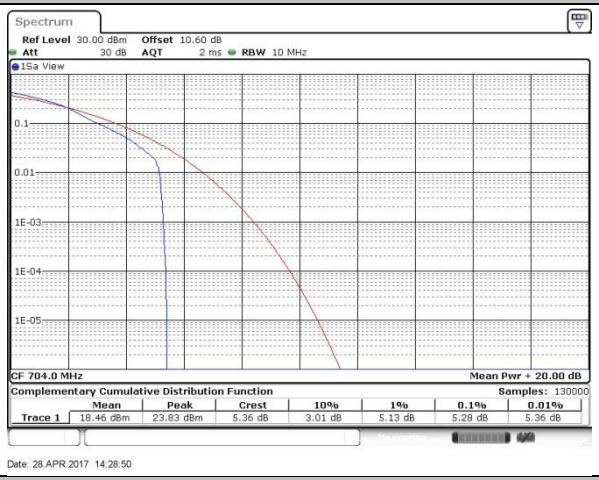


Highest Channel / Full RB



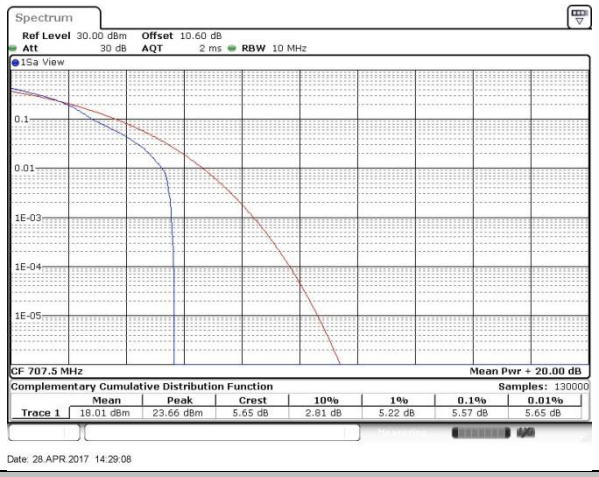
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB

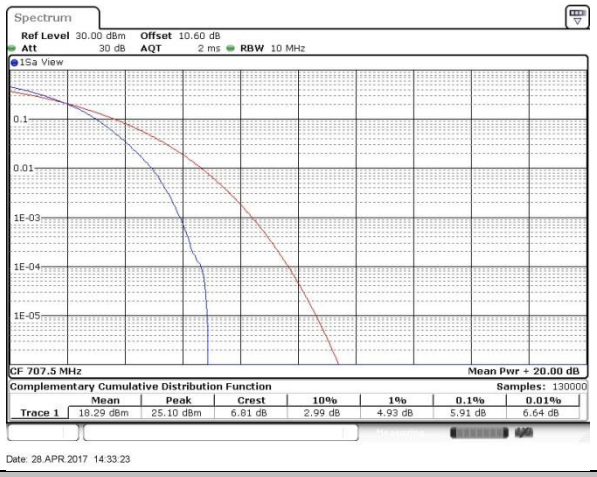


Lowest Channel / Full RB

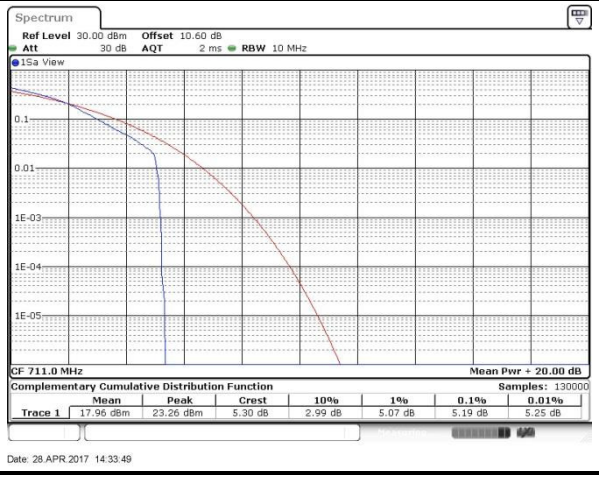
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



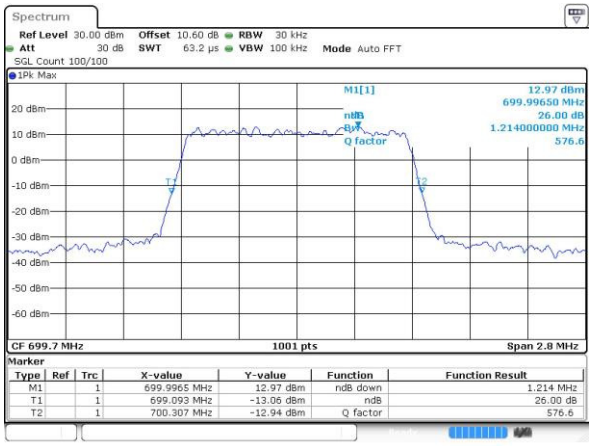
Highest Channel / Full RB

26dB Bandwidth

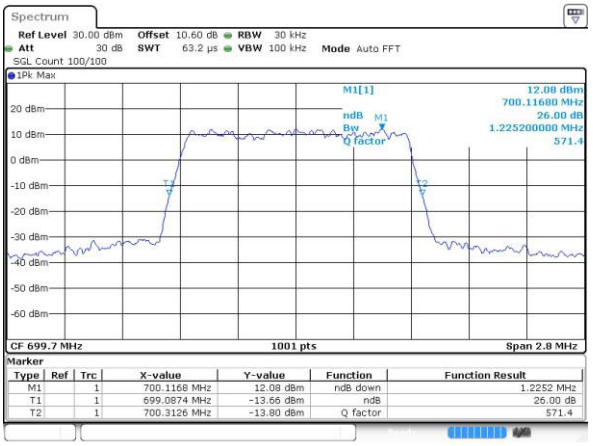
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.214	1.225	2.991	2.997	4.865	4.885	9.83	9.73	-	-	-	-
Middle CH	1.231	1.231	2.997	2.991	4.925	4.895	9.73	9.79	-	-	-	-
Highest CH	1.22	1.211	2.967	3.063	4.935	4.885	9.69	9.81	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.222	-	3.039	-	4.905	-	9.69	-	-	-	-
Middle CH	-	1.220	-	3.051	-	4.835	-	9.79	-	-	-	-
Highest CH	-	1.222	-	3.009	-	4.885	-	9.85	-	-	-	-

LTE Band 12

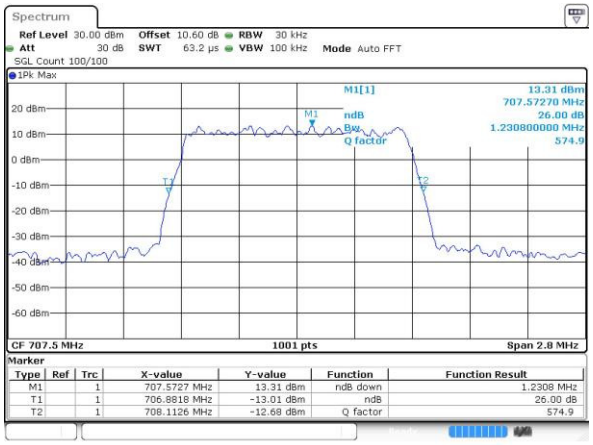
Lowest Channel / 1.4MHz / QPSK



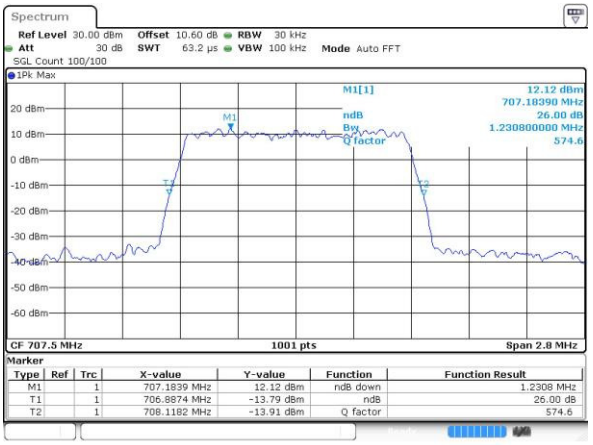
Lowest Channel / 1.4MHz / 16QAM



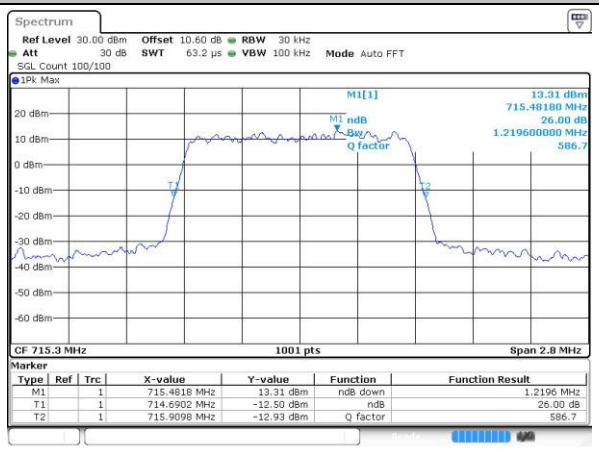
Middle Channel / 1.4MHz / QPSK



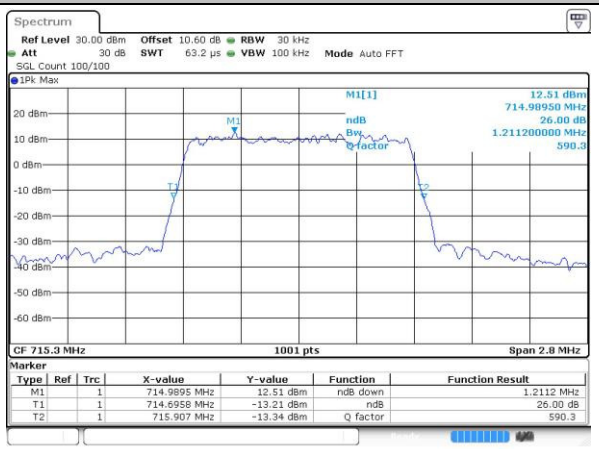
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

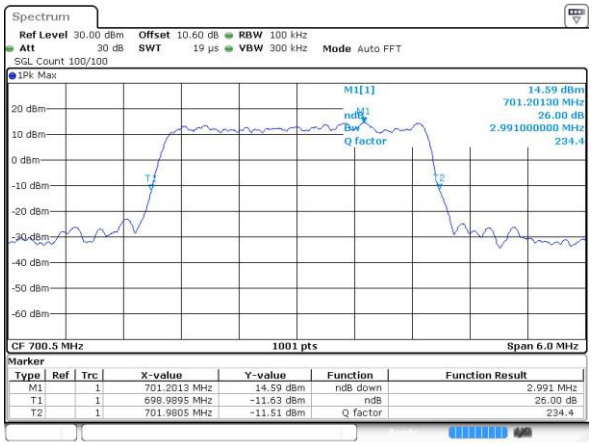


Highest Channel / 1.4MHz / 16QAM

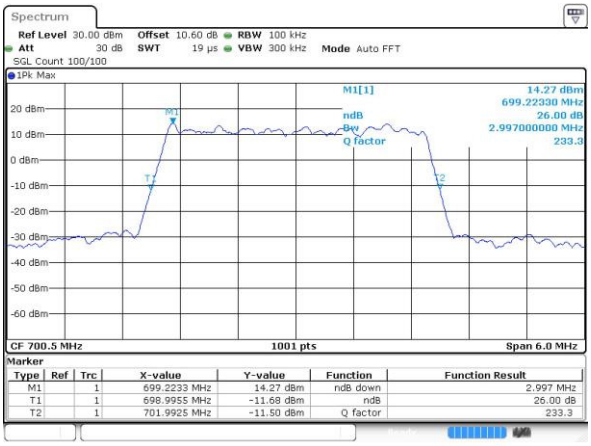


LTE Band 12

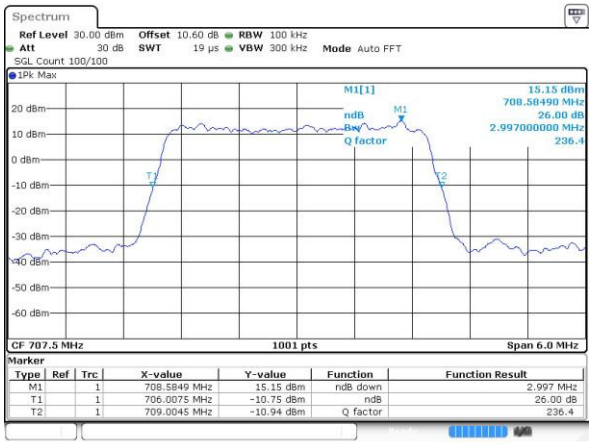
Lowest Channel / 3MHz / QPSK



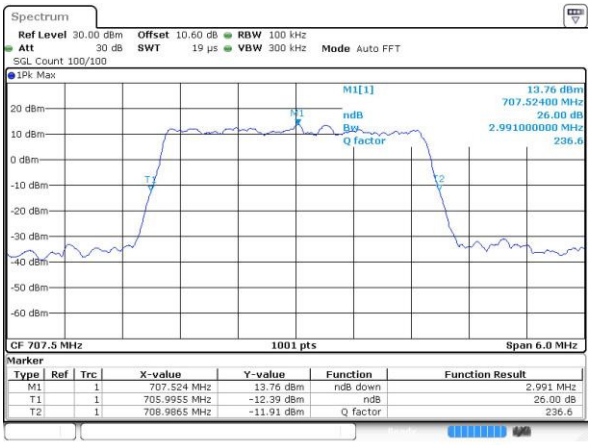
Lowest Channel / 3MHz / 16QAM



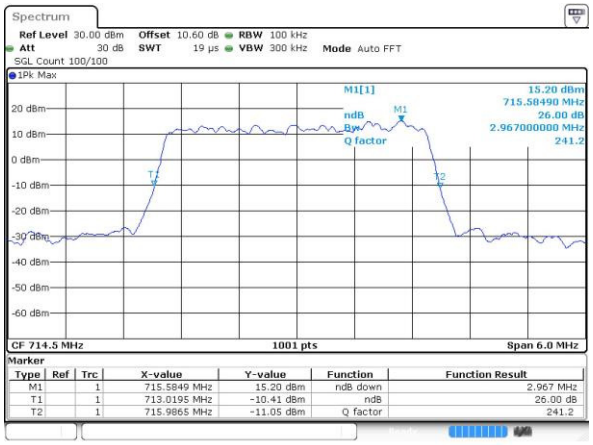
Middle Channel / 3MHz / QPSK



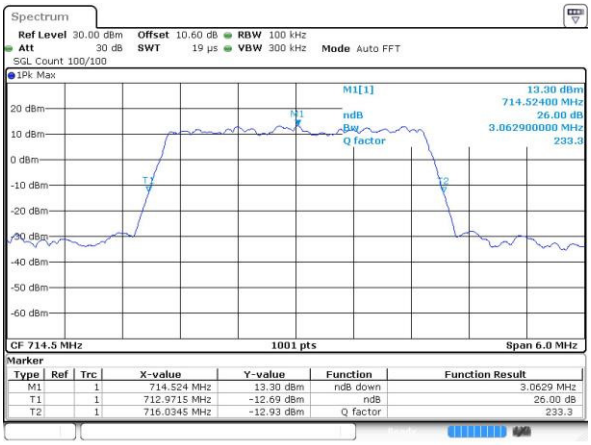
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

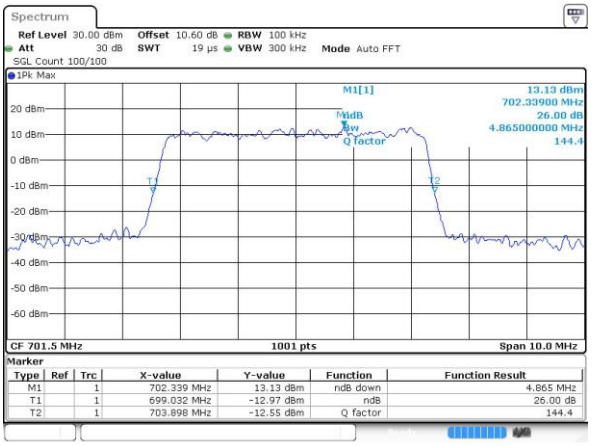


Highest Channel /3MHz / 16QAM

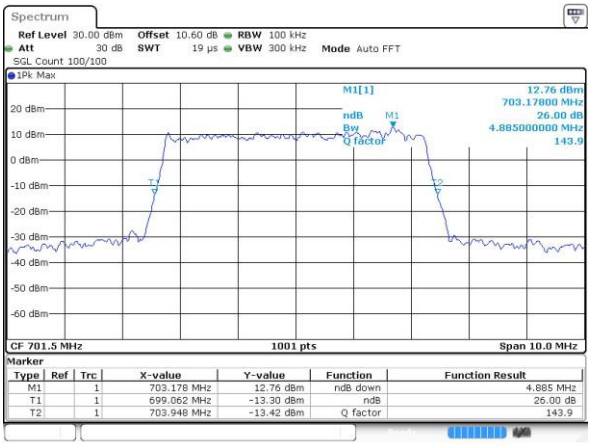


LTE Band 12

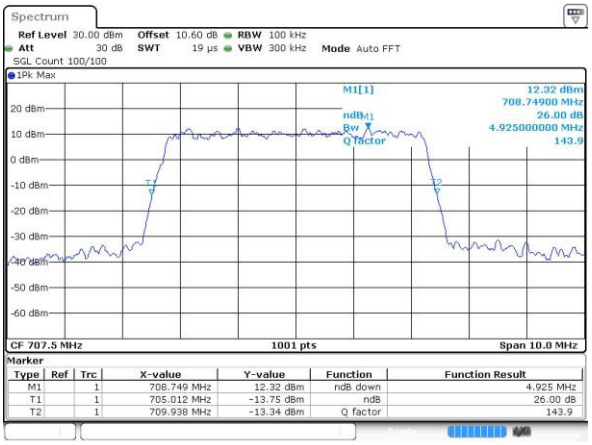
Lowest Channel / 5MHz / QPSK



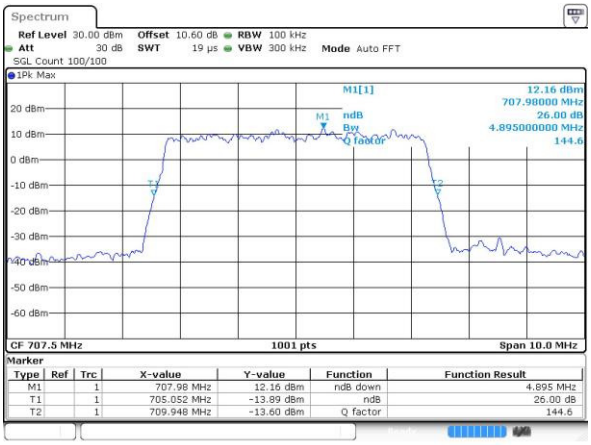
Lowest Channel / 5MHz / 16QAM



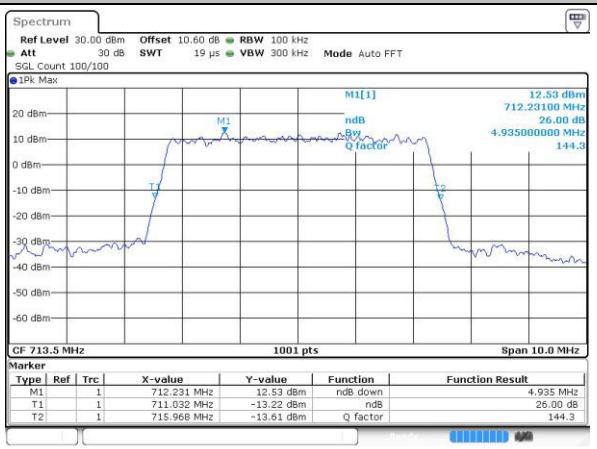
Middle Channel / 5MHz / QPSK



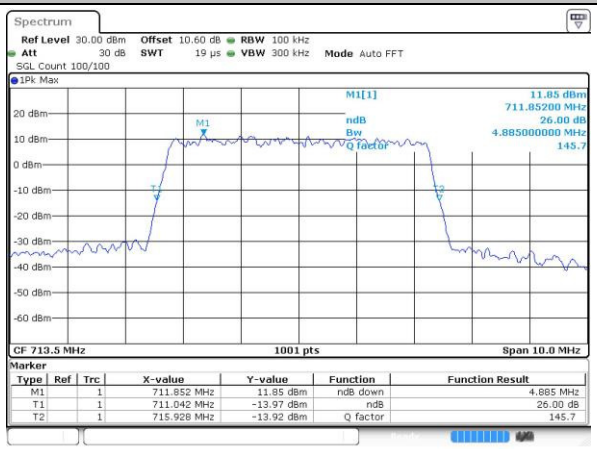
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

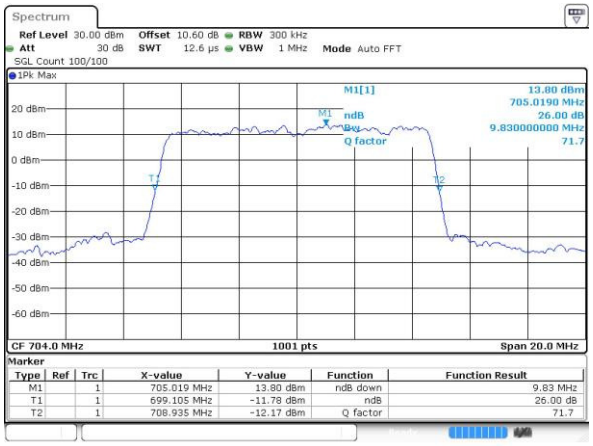


Highest Channel / 5MHz / 16QAM

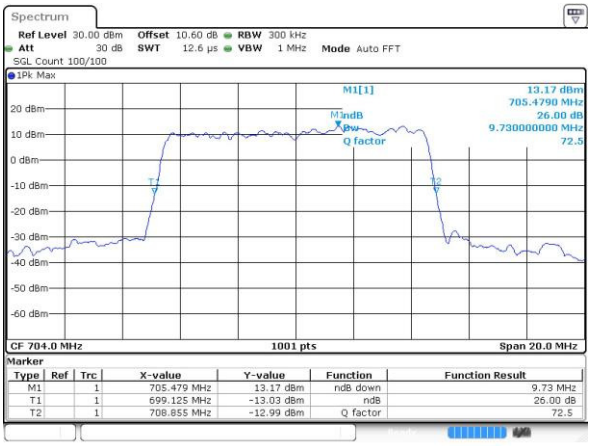


LTE Band 12

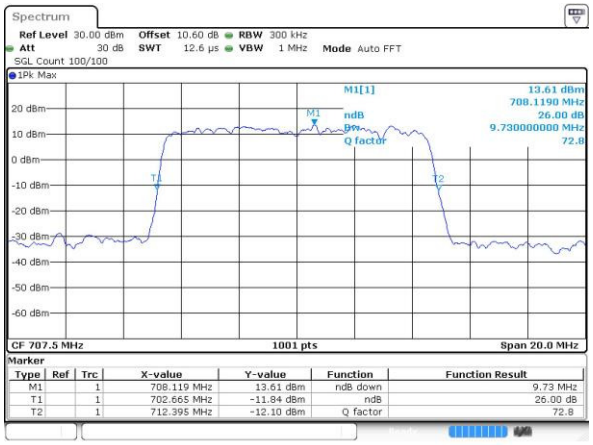
Lowest Channel / 10MHz / QPSK



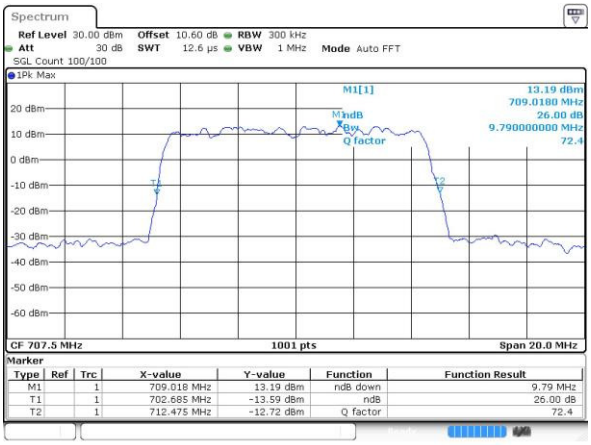
Lowest Channel / 10MHz / 16QAM



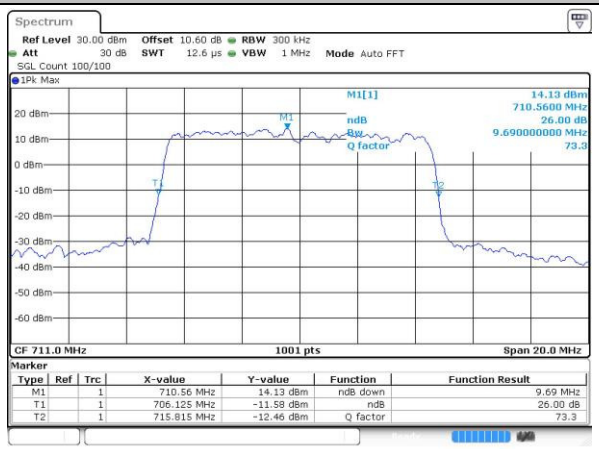
Middle Channel / 10MHz / QPSK



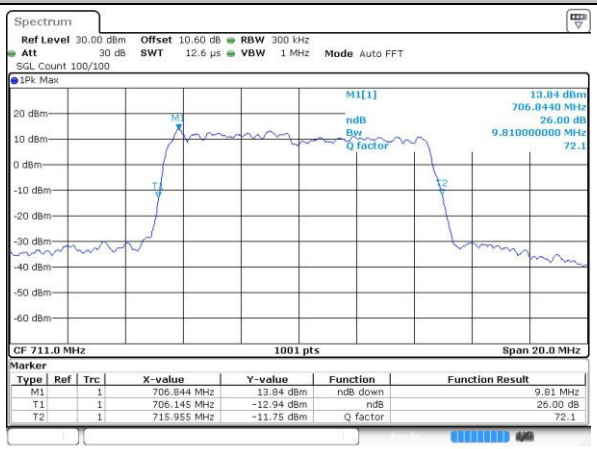
Middle Channel / 10MHz / 16QAM

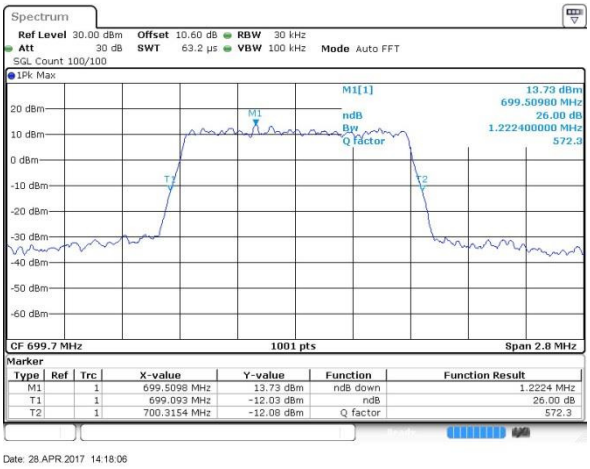
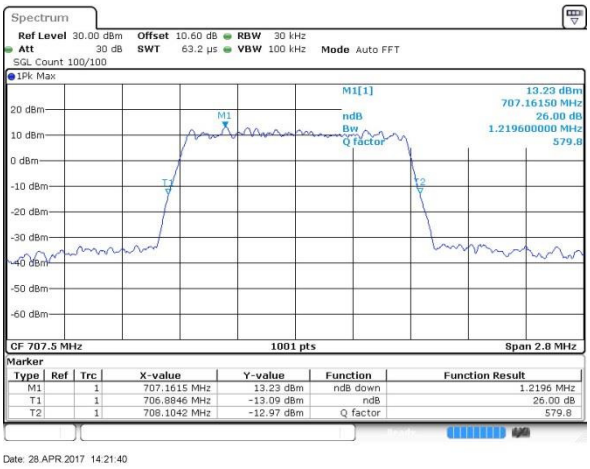
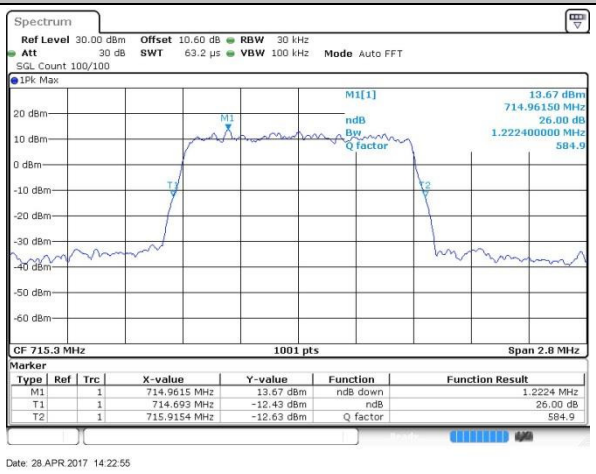


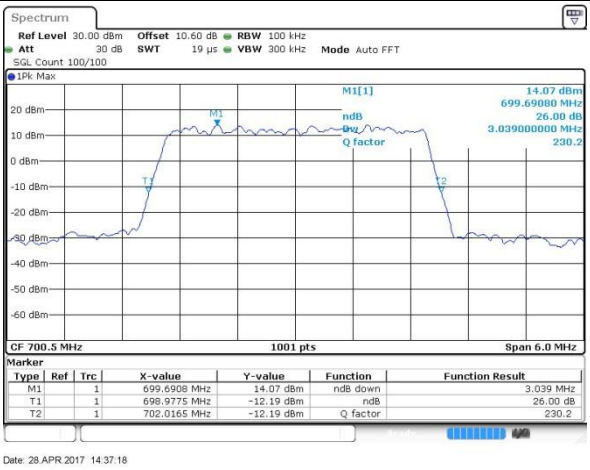
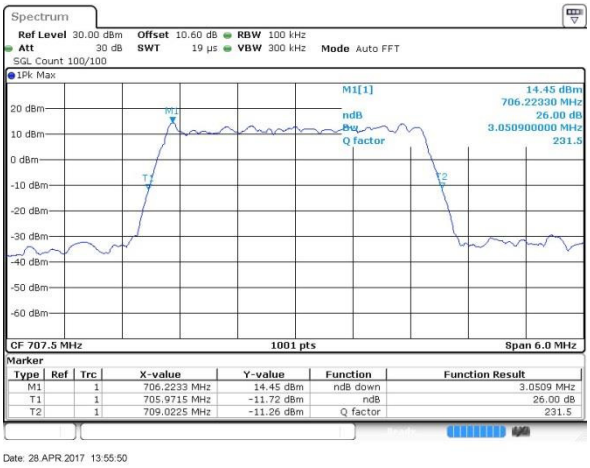
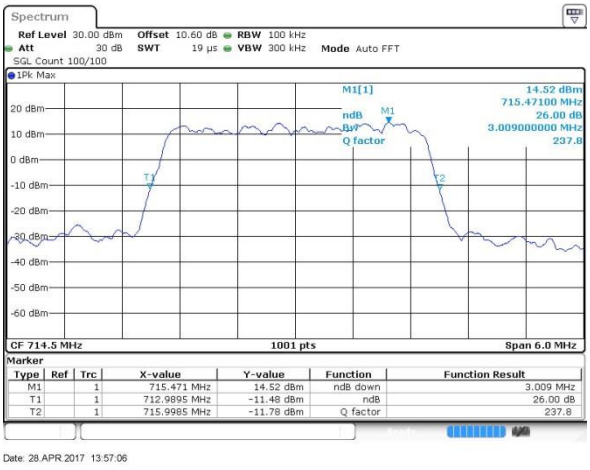
Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



LTE Band 12	
	Lowest Channel / 1.4MHz / 64QAM
	
	Middle Channel / 1.4MHz / 64QAM
	
	Highest Channel / 1.4MHz / 64QAM
	

LTE Band 12	
	Lowest Channel / 3MHz / 64QAM
	
	Middle Channel /3MHz / 64QAM
	
	Highest Channel /3MHz / 64QAM