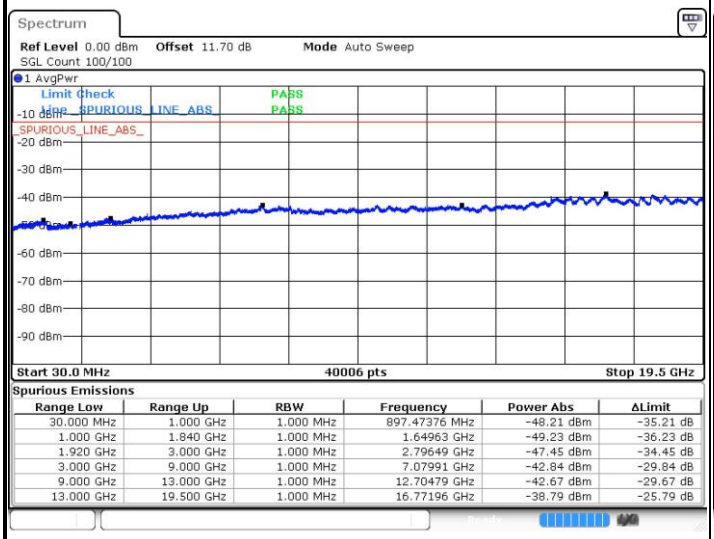
LTE Band 2 / 1.4MHz

Highest Channel / QPSK

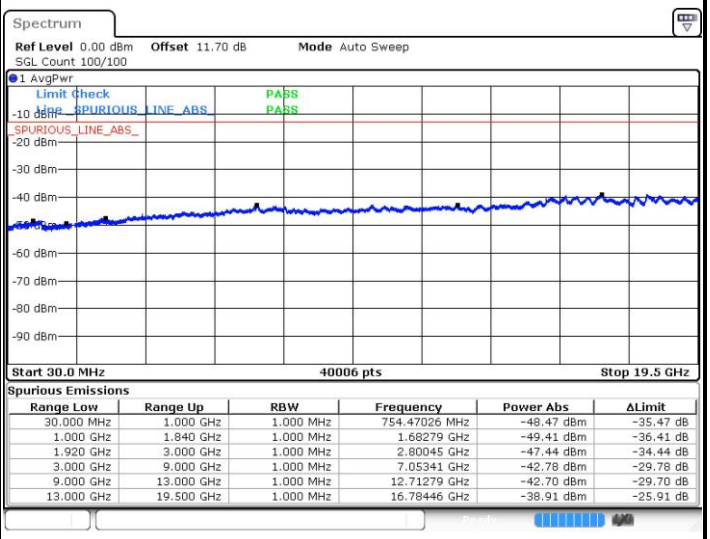


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-48.21 dBm	-35.21 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64963 GHz	-49.23 dBm	-36.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79649 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.07991 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-42.67 dBm	-29.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77196 GHz	-38.79 dBm	-25.79 dB

Date: 8.FEB.2016 09:54:50

Highest Channel / 16QAM



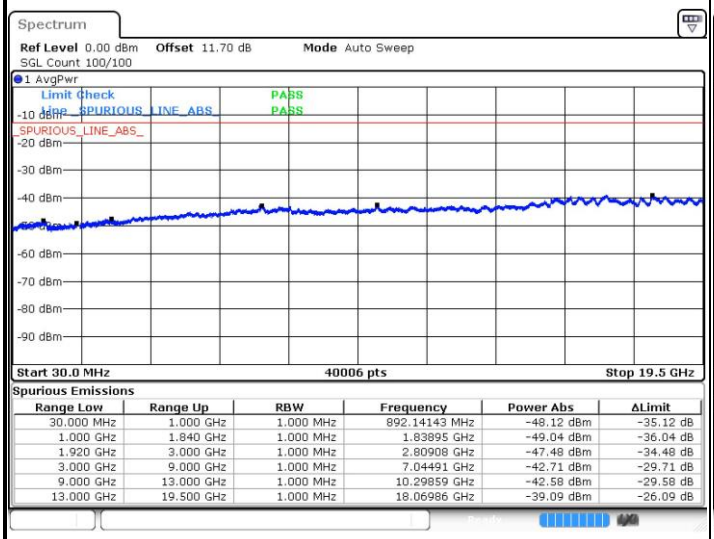
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	754.47026 MHz	-48.47 dBm	-35.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68279 GHz	-49.41 dBm	-36.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80045 GHz	-47.44 dBm	-34.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05341 GHz	-42.78 dBm	-29.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71279 GHz	-42.70 dBm	-29.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78446 GHz	-38.91 dBm	-25.91 dB

Date: 8.FEB.2016 09:55:45

LTE Band 2 / 3MHz

Lowest Channel / QPSK

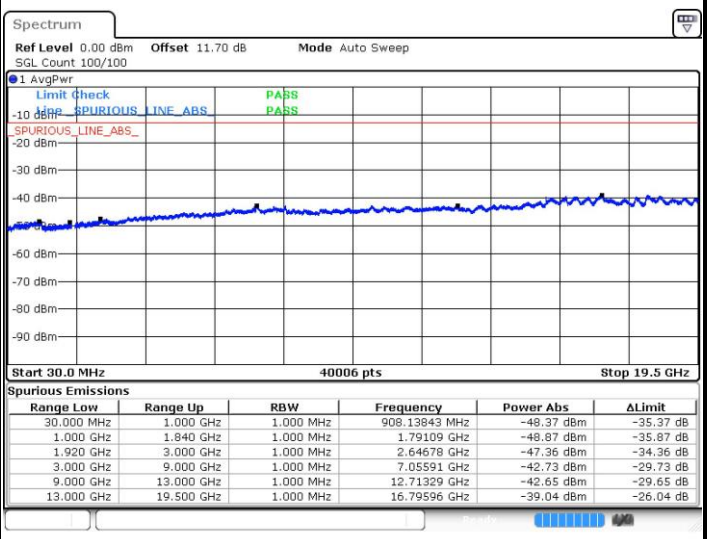


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-48.12 dBm	-35.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-49.04 dBm	-36.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80908 GHz	-47.48 dBm	-34.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04491 GHz	-42.71 dBm	-29.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29859 GHz	-42.58 dBm	-29.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06986 GHz	-39.09 dBm	-26.09 dB

Date: 8.FEB.2016 08:16:45

Lowest Channel / 16QAM



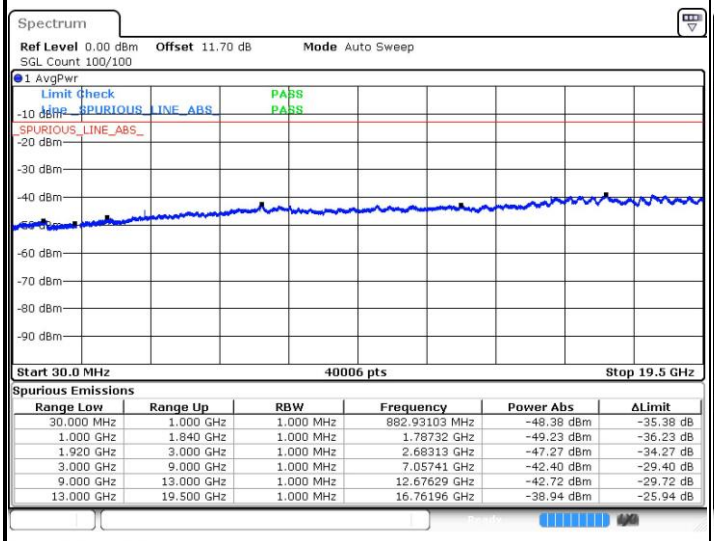
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-48.37 dBm	-35.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79109 GHz	-48.87 dBm	-35.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64678 GHz	-47.36 dBm	-34.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05591 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71329 GHz	-42.65 dBm	-29.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79596 GHz	-39.04 dBm	-26.04 dB

Date: 8.FEB.2016 08:17:39

LTE Band 2 / 3MHz

Middle Channel / QPSK

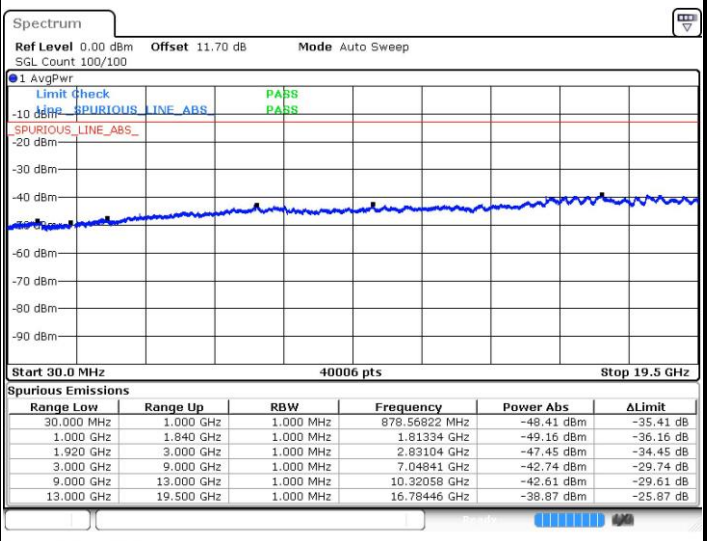


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-48.38 dBm	-35.38 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78732 GHz	-49.23 dBm	-36.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68313 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05741 GHz	-42.40 dBm	-29.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67629 GHz	-42.72 dBm	-29.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.76196 GHz	-38.94 dBm	-25.94 dB

Date: 8.FEB.2016 08:19:16

Middle Channel / 16QAM

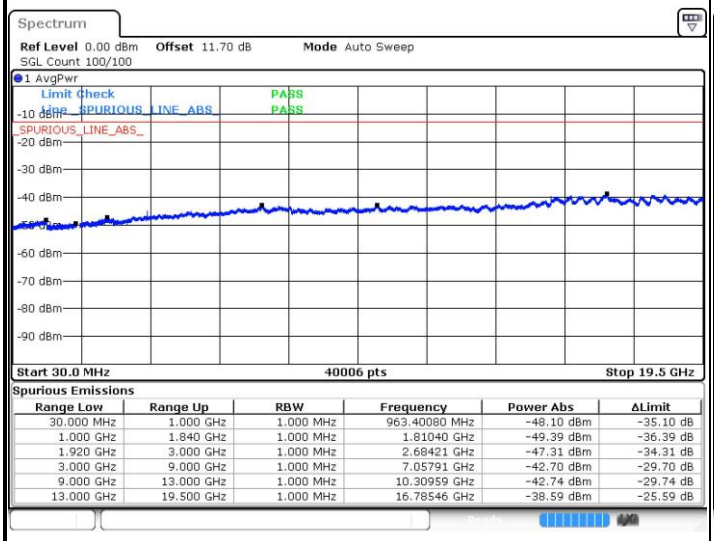


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-48.41 dBm	-35.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81334 GHz	-49.16 dBm	-36.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83104 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04841 GHz	-42.74 dBm	-29.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32058 GHz	-42.61 dBm	-29.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78446 GHz	-38.87 dBm	-25.87 dB

Date: 8.FEB.2016 08:20:11

Highest Channel / QPSK

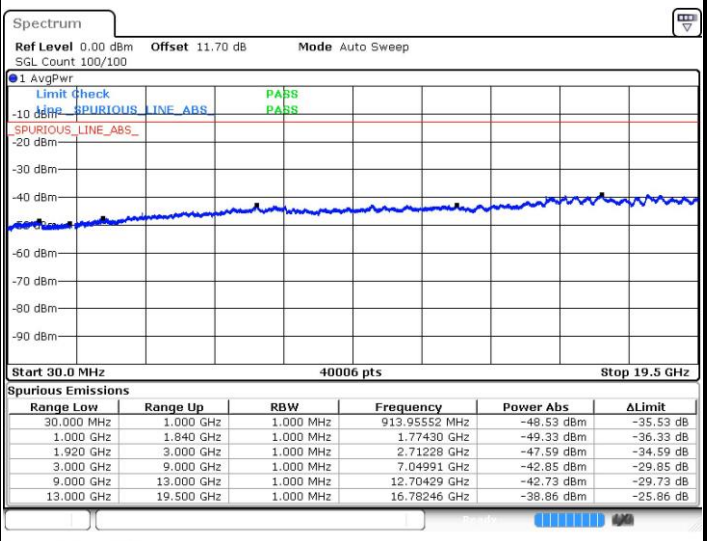


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-48.10 dBm	-35.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81040 GHz	-49.39 dBm	-36.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68421 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05791 GHz	-42.70 dBm	-29.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-42.74 dBm	-29.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78546 GHz	-38.59 dBm	-25.59 dB

Date: 8.FEB.2016 08:26:25

Highest Channel / 16QAM



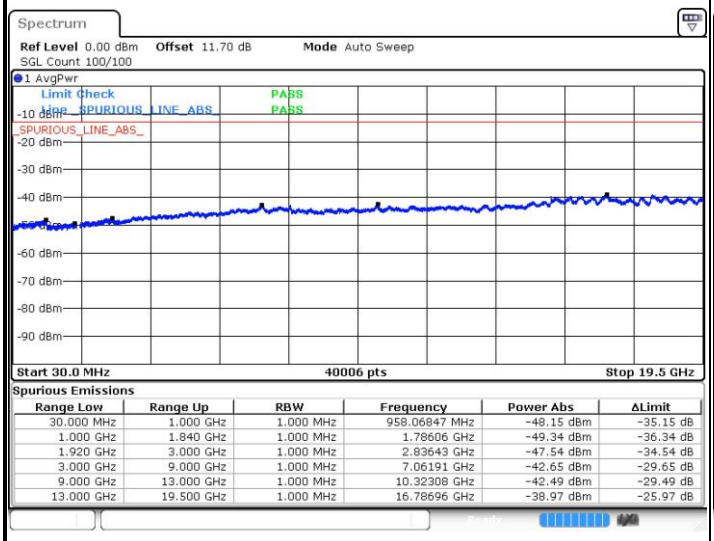
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-48.53 dBm	-35.53 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77430 GHz	-49.33 dBm	-36.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.71228 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04991 GHz	-42.85 dBm	-29.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70429 GHz	-42.73 dBm	-29.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78246 GHz	-38.86 dBm	-25.86 dB

Date: 8.FEB.2016 08:27:20

LTE Band 2 / 5MHz

Lowest Channel / QPSK

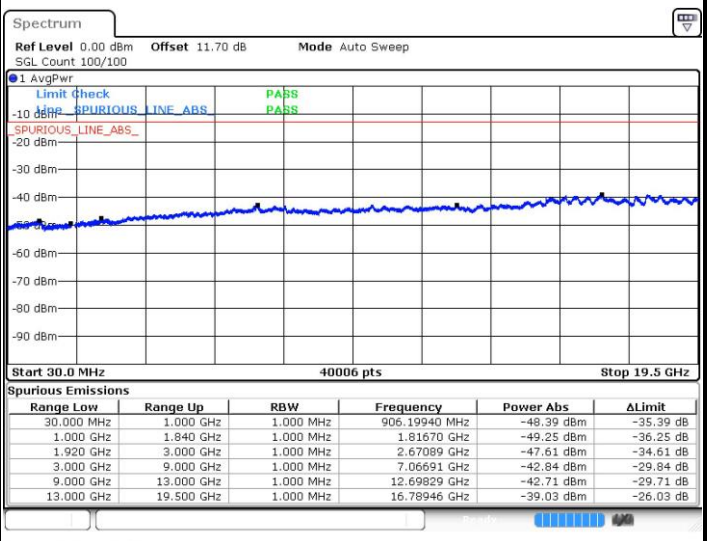


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-48.15 dBm	-35.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78606 GHz	-49.34 dBm	-36.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83643 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06191 GHz	-42.65 dBm	-29.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32308 GHz	-42.49 dBm	-29.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78696 GHz	-38.97 dBm	-25.97 dB

Date: 8.FEB.2016 08:33:34

Lowest Channel / 16QAM

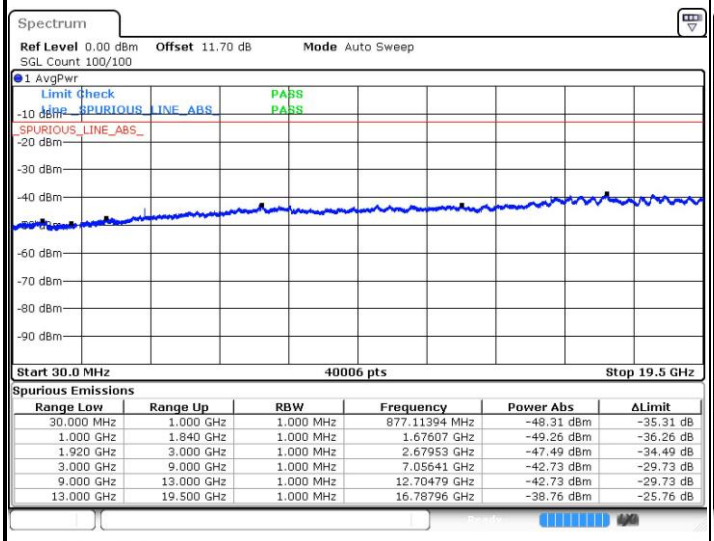


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-48.39 dBm	-35.39 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81670 GHz	-49.25 dBm	-36.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67089 GHz	-47.61 dBm	-34.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06691 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69829 GHz	-42.71 dBm	-29.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78946 GHz	-39.03 dBm	-26.03 dB

Date: 8.FEB.2016 08:34:29

Middle Channel / QPSK

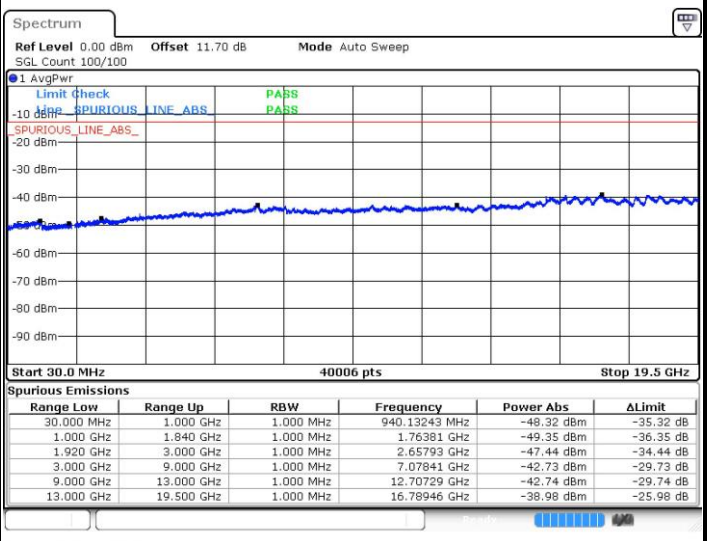


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.11394 MHz	-48.31 dBm	-35.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67607 GHz	-49.26 dBm	-36.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67953 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05641 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-42.73 dBm	-29.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78796 GHz	-38.76 dBm	-25.76 dB

Date: 8.FEB.2016 08:36:06

Middle Channel / 16QAM



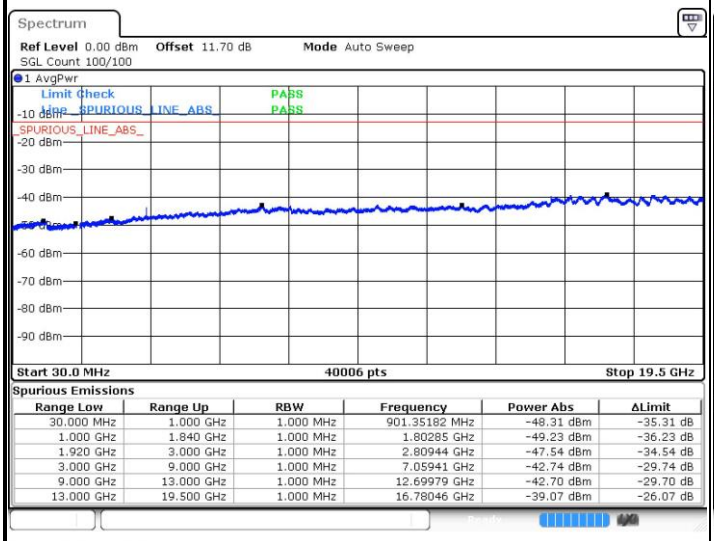
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-48.32 dBm	-35.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76381 GHz	-49.35 dBm	-36.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-47.44 dBm	-34.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.07841 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70729 GHz	-42.74 dBm	-29.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78946 GHz	-38.98 dBm	-25.98 dB

Date: 8.FEB.2016 08:37:01

LTE Band 2 / 5MHz

Highest Channel / QPSK

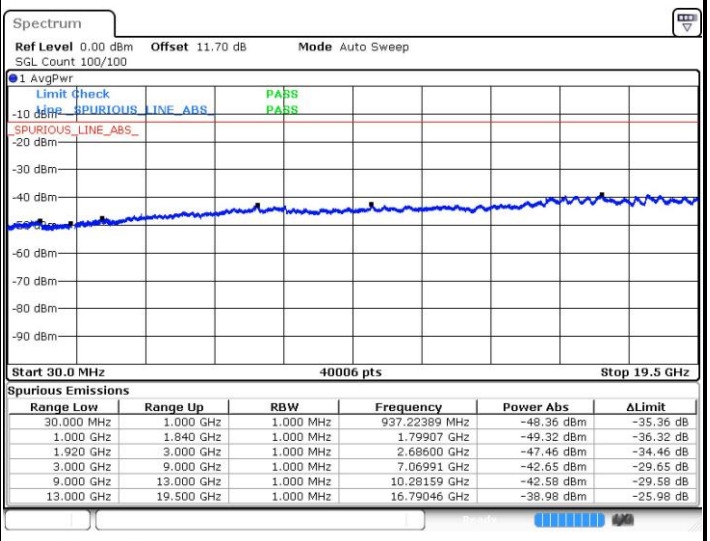


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-48.31 dBm	-35.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80285 GHz	-49.23 dBm	-36.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80944 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05941 GHz	-42.74 dBm	-29.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-42.70 dBm	-29.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78046 GHz	-39.07 dBm	-26.07 dB

Date: 8.FEB.2016 08:43:15

Highest Channel / 16QAM



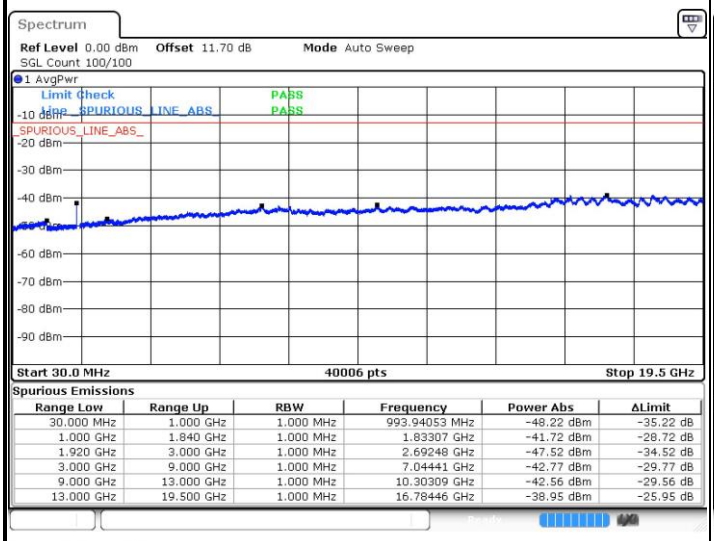
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.22389 MHz	-48.36 dBm	-35.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79907 GHz	-49.32 dBm	-36.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68600 GHz	-47.46 dBm	-34.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06991 GHz	-42.65 dBm	-29.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28159 GHz	-42.58 dBm	-29.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79046 GHz	-38.98 dBm	-25.98 dB

Date: 8.FEB.2016 08:44:10

LTE Band 2 / 10MHz

Lowest Channel / QPSK

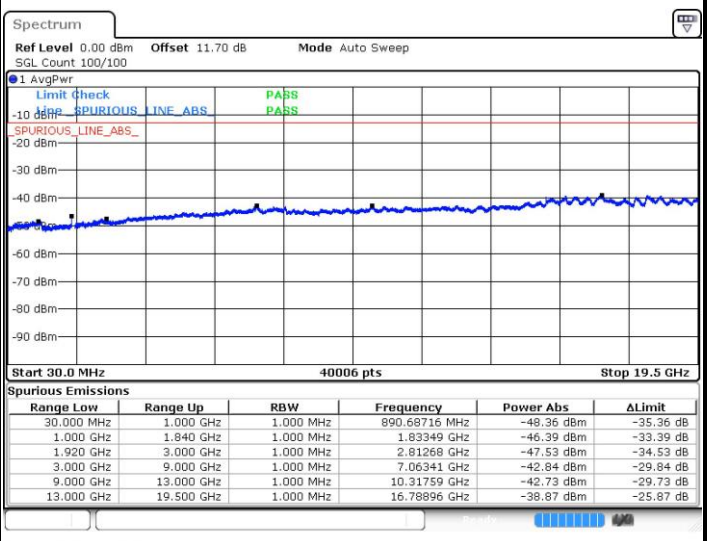


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-48.22 dBm	-35.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-41.72 dBm	-28.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69248 GHz	-47.52 dBm	-34.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04441 GHz	-42.77 dBm	-29.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30309 GHz	-42.56 dBm	-29.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78446 GHz	-38.95 dBm	-25.95 dB

Date: 8.FEB.2016 08:50:24

Lowest Channel / 16QAM



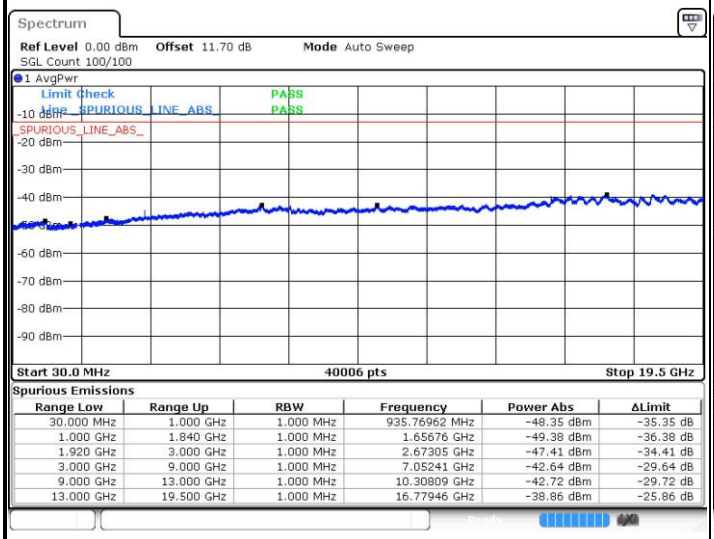
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-48.36 dBm	-35.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-46.39 dBm	-33.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81268 GHz	-47.53 dBm	-34.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06341 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31759 GHz	-42.73 dBm	-29.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78896 GHz	-38.87 dBm	-25.87 dB

Date: 8.FEB.2016 08:51:19

LTE Band 2 / 10MHz

Middle Channel / QPSK

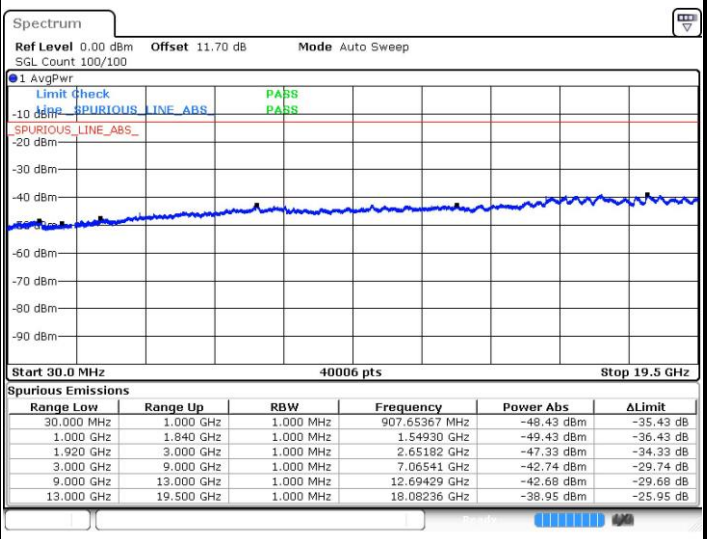


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.76962 MHz	-48.35 dBm	-35.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65676 GHz	-49.38 dBm	-36.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67305 GHz	-47.41 dBm	-34.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05241 GHz	-42.64 dBm	-29.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30809 GHz	-42.72 dBm	-29.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77946 GHz	-38.86 dBm	-25.86 dB

Date: 8.FEB.2016 08:52:55

Middle Channel / 16QAM

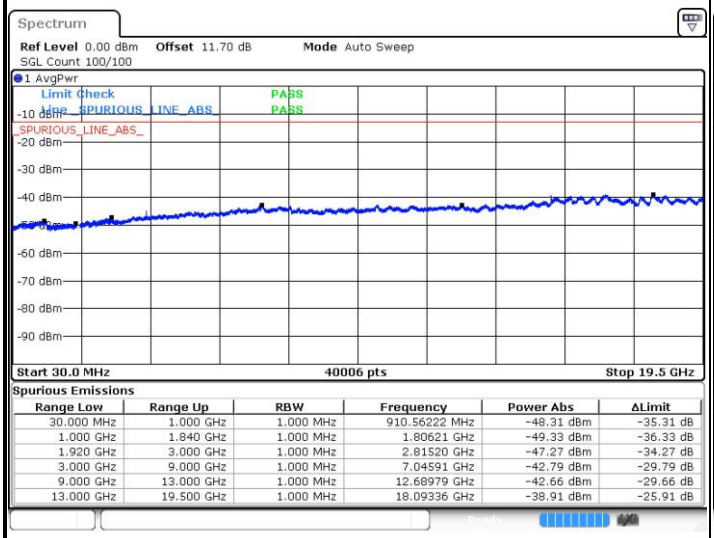


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-48.43 dBm	-35.43 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.54930 GHz	-49.43 dBm	-36.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65182 GHz	-47.33 dBm	-34.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06541 GHz	-42.74 dBm	-29.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69429 GHz	-42.68 dBm	-29.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08236 GHz	-38.95 dBm	-25.95 dB

Date: 8.FEB.2016 08:53:50

Highest Channel / QPSK

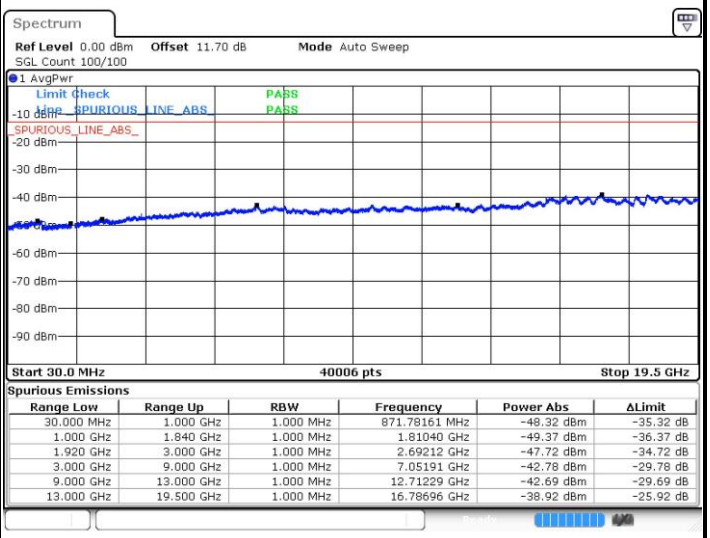


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-48.31 dBm	-35.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80621 GHz	-49.33 dBm	-36.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81520 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04591 GHz	-42.79 dBm	-29.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68979 GHz	-42.66 dBm	-29.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.09336 GHz	-38.91 dBm	-25.91 dB

Date: 8.FEB.2016 09:00:04

Highest Channel / 16QAM



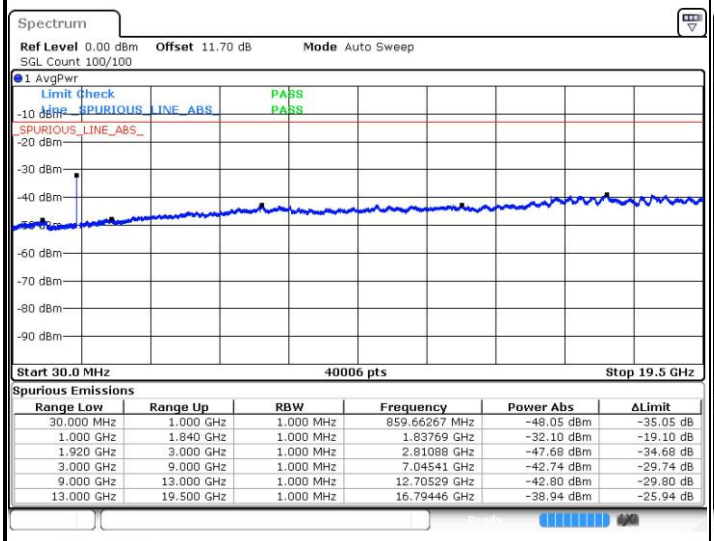
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-48.32 dBm	-35.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81040 GHz	-49.37 dBm	-36.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69212 GHz	-47.72 dBm	-34.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05191 GHz	-42.78 dBm	-29.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71229 GHz	-42.69 dBm	-29.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78696 GHz	-38.92 dBm	-25.92 dB

Date: 8.FEB.2016 09:00:59

LTE Band 2 / 15MHz

Lowest Channel / QPSK

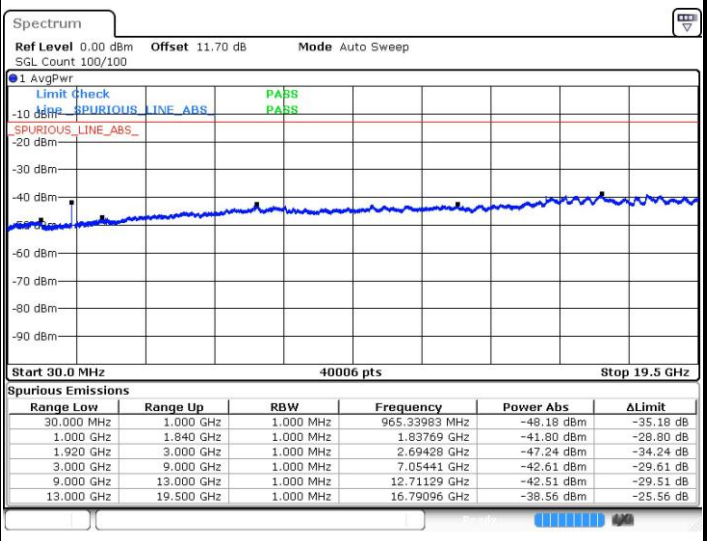


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-48.05 dBm	-35.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-32.10 dBm	-19.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81088 GHz	-47.68 dBm	-34.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04541 GHz	-42.74 dBm	-29.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70529 GHz	-42.80 dBm	-29.80 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79446 GHz	-38.94 dBm	-25.94 dB

Date: 8.FEB.2016 09:07:13

Lowest Channel / 16QAM

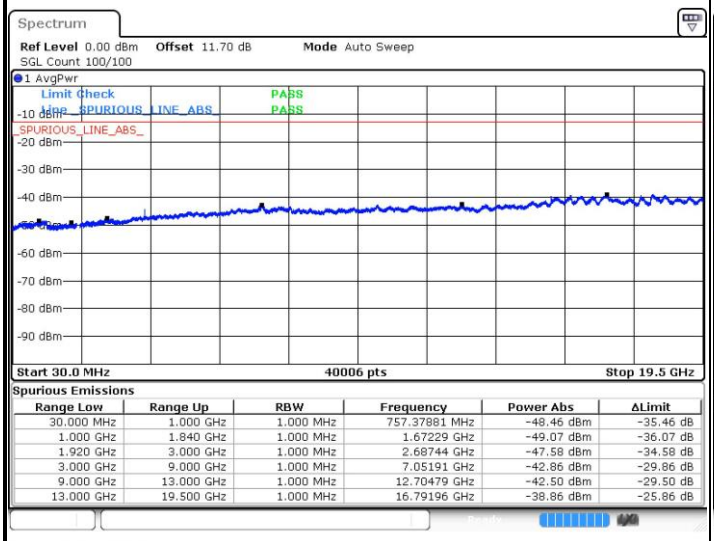


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-48.18 dBm	-35.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-41.80 dBm	-28.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69428 GHz	-47.24 dBm	-34.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05441 GHz	-42.61 dBm	-29.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71129 GHz	-42.51 dBm	-29.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79096 GHz	-38.56 dBm	-25.56 dB

Date: 8.FEB.2016 09:08:08

Middle Channel / QPSK

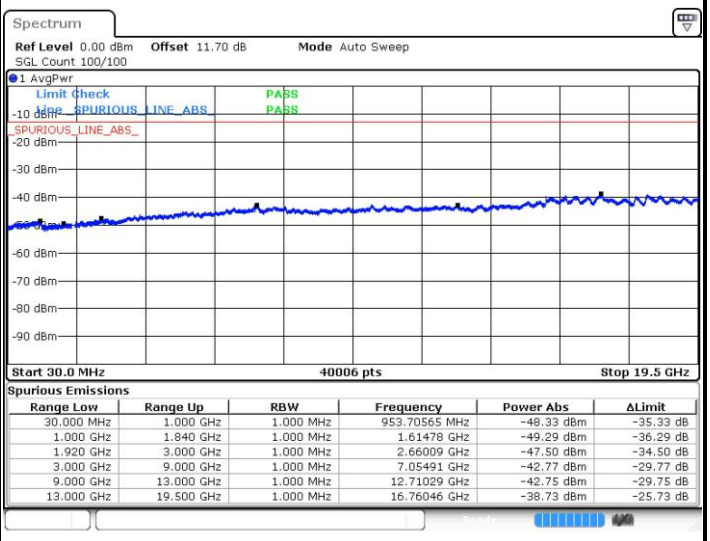


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	757.37881 MHz	-48.46 dBm	-35.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67229 GHz	-49.07 dBm	-36.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68744 GHz	-47.58 dBm	-34.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05191 GHz	-42.86 dBm	-29.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-42.50 dBm	-29.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79196 GHz	-38.86 dBm	-25.86 dB

Date: 8.FEB.2016 09:09:45

Middle Channel / 16QAM



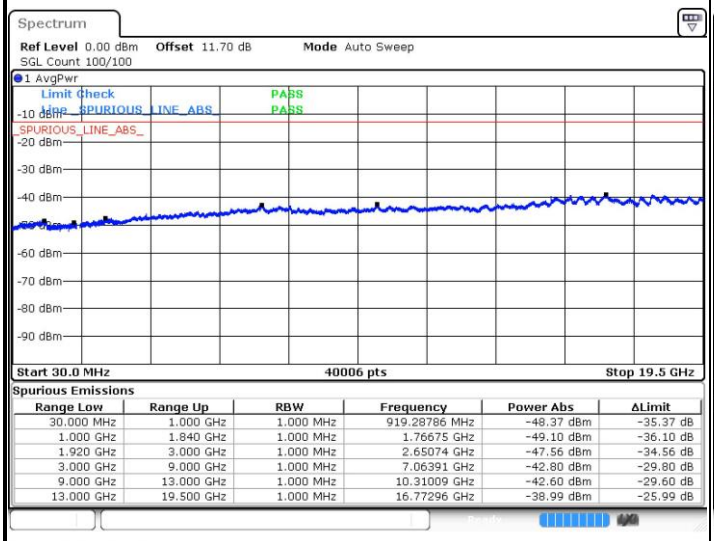
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-48.33 dBm	-35.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61478 GHz	-49.29 dBm	-36.29 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66009 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05491 GHz	-42.77 dBm	-29.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71029 GHz	-42.75 dBm	-29.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.76046 GHz	-38.73 dBm	-25.73 dB

Date: 8.FEB.2016 09:10:40

LTE Band 2 / 15MHz

Highest Channel / QPSK

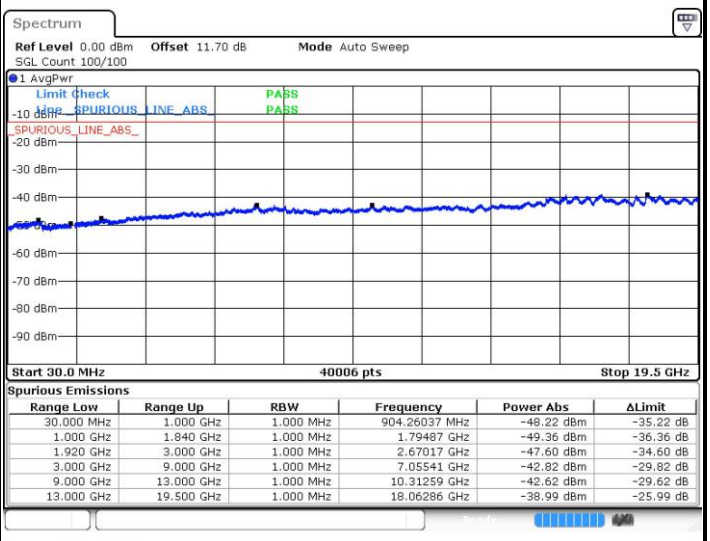


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-48.37 dBm	-35.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76675 GHz	-49.10 dBm	-36.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65074 GHz	-47.56 dBm	-34.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06391 GHz	-42.80 dBm	-29.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31009 GHz	-42.60 dBm	-29.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77296 GHz	-38.99 dBm	-25.99 dB

Date: 8.FEB.2016 09:16:54

Highest Channel / 16QAM



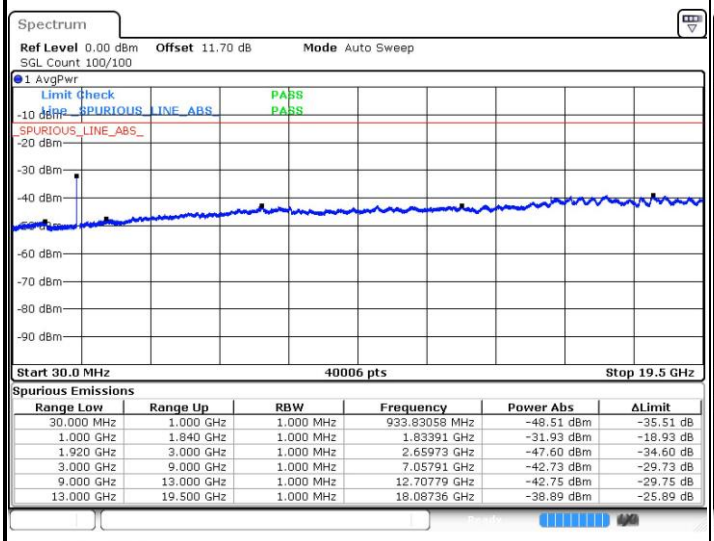
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.26037 MHz	-48.22 dBm	-35.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79487 GHz	-49.36 dBm	-36.36 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67017 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05541 GHz	-42.82 dBm	-29.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31259 GHz	-42.62 dBm	-29.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06286 GHz	-38.99 dBm	-25.99 dB

Date: 8.FEB.2016 09:17:49

LTE Band 2 / 20MHz

Lowest Channel / QPSK

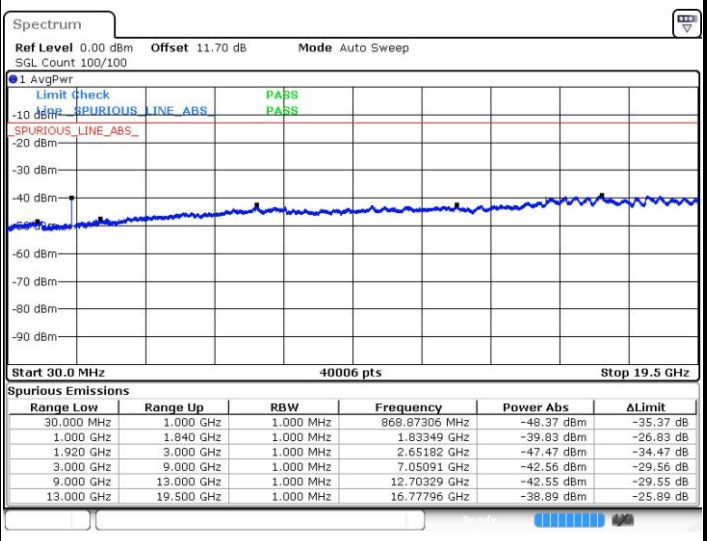


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-48.51 dBm	-35.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-31.93 dBm	-18.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65973 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05791 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70779 GHz	-42.75 dBm	-29.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08736 GHz	-38.89 dBm	-25.89 dB

Date: 8.FEB.2016 09:24:03

Lowest Channel / 16QAM



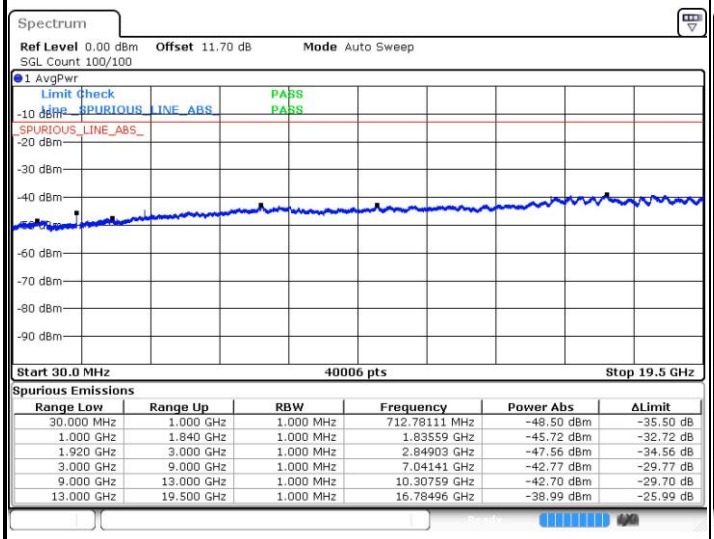
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-48.37 dBm	-35.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-39.83 dBm	-26.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65182 GHz	-47.47 dBm	-34.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05091 GHz	-42.56 dBm	-29.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70329 GHz	-42.55 dBm	-29.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77796 GHz	-38.89 dBm	-25.89 dB

Date: 8.FEB.2016 09:24:58

LTE Band 2 / 20MHz

Middle Channel / QPSK

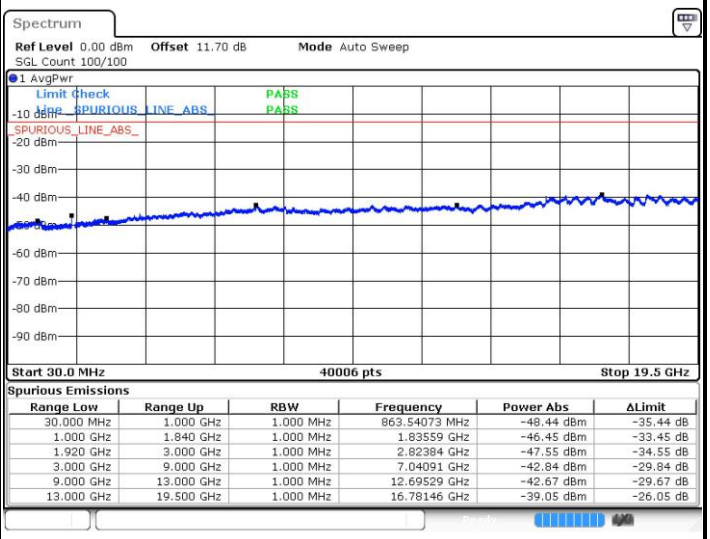


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	712.78111 MHz	-48.50 dBm	-35.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-45.72 dBm	-32.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84903 GHz	-47.56 dBm	-34.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04141 GHz	-42.77 dBm	-29.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30759 GHz	-42.70 dBm	-29.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78496 GHz	-38.99 dBm	-25.99 dB

Date: 8.FEB.2016 09:26:34

Middle Channel / 16QAM

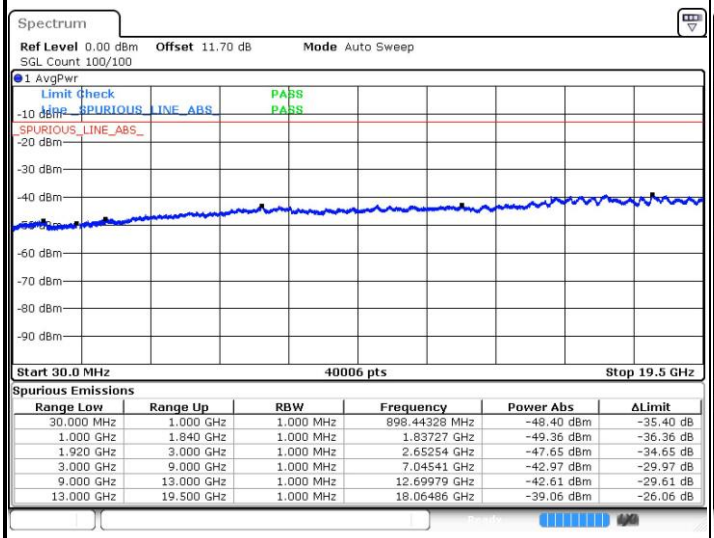


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-48.44 dBm	-35.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-46.45 dBm	-33.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82384 GHz	-47.55 dBm	-34.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04091 GHz	-42.84 dBm	-29.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69529 GHz	-42.67 dBm	-29.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78146 GHz	-39.05 dBm	-26.05 dB

Date: 8.FEB.2016 09:27:29

Highest Channel / QPSK

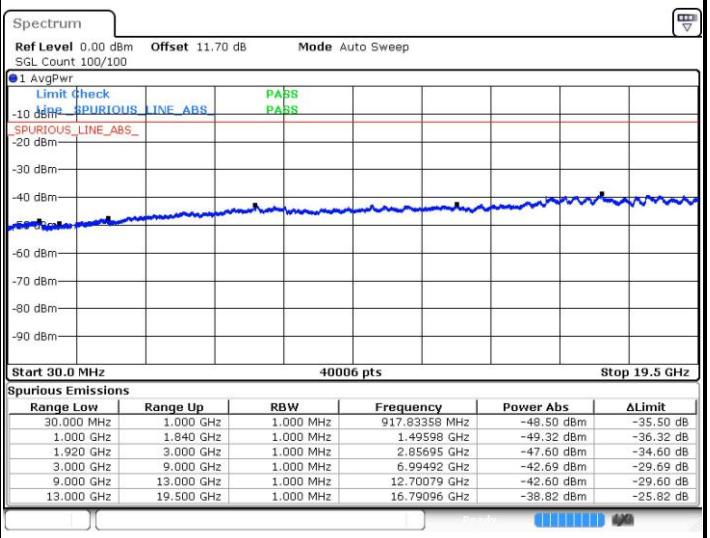


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-48.40 dBm	-35.40 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-49.36 dBm	-36.36 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65254 GHz	-47.65 dBm	-34.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04541 GHz	-42.97 dBm	-29.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-42.61 dBm	-29.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06486 GHz	-39.06 dBm	-26.06 dB

Date: 8.FEB.2016 09:33:42

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-48.50 dBm	-35.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.49598 GHz	-49.32 dBm	-36.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85695 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-42.69 dBm	-29.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-42.60 dBm	-29.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79096 GHz	-38.82 dBm	-25.82 dB

Date: 8.FEB.2016 09:34:37

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

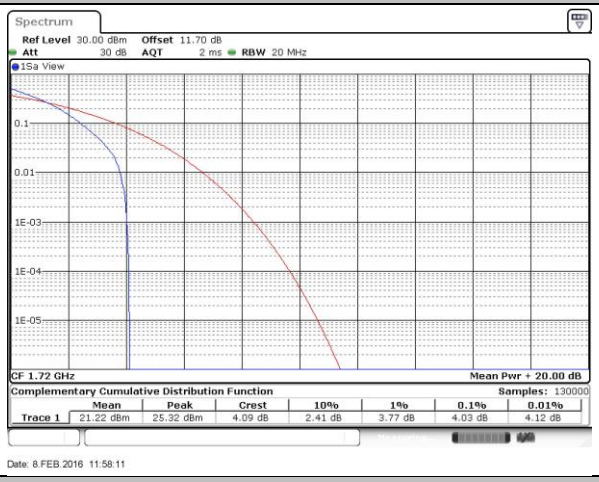
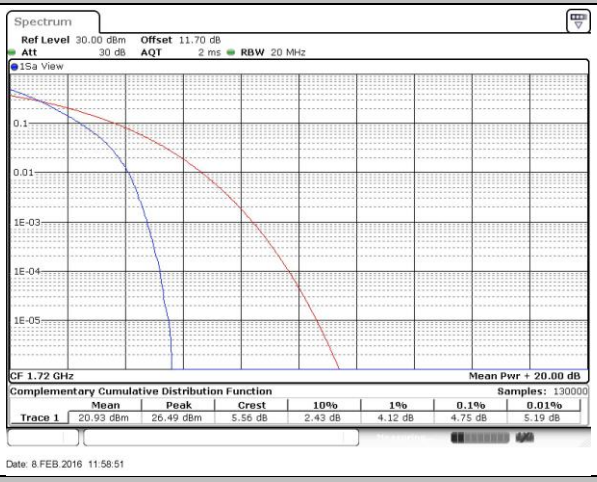
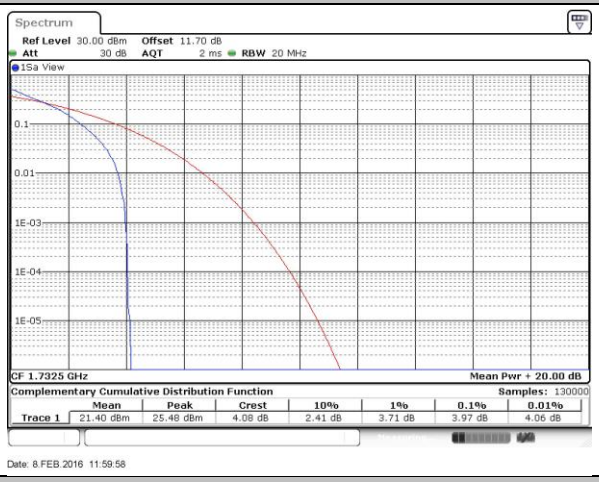
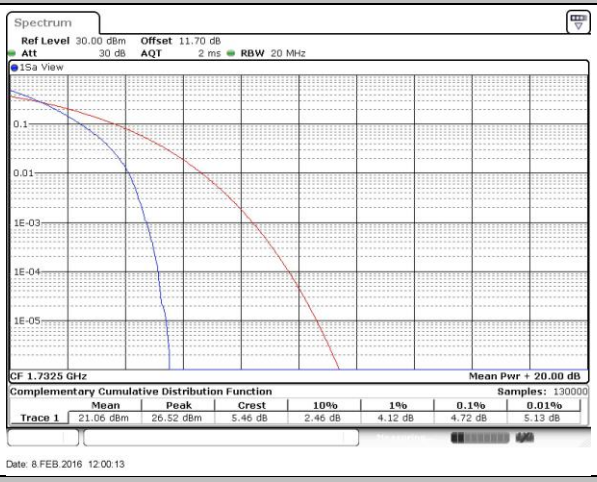
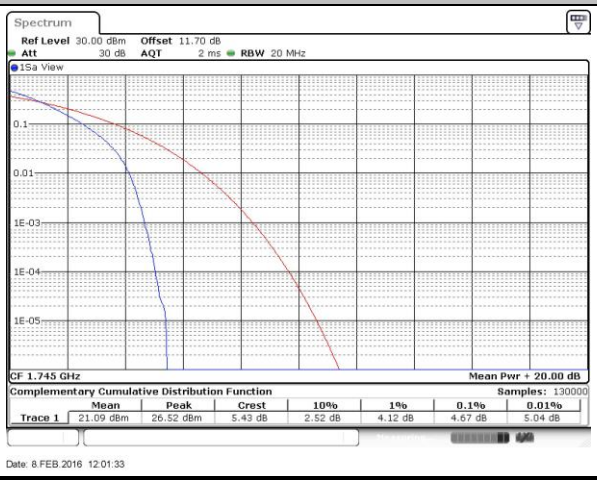
1. Normal Voltage = 3.8 V. ；Battery End Point (BEP) = 3.2 V.；Maximum Voltage =4.35 V

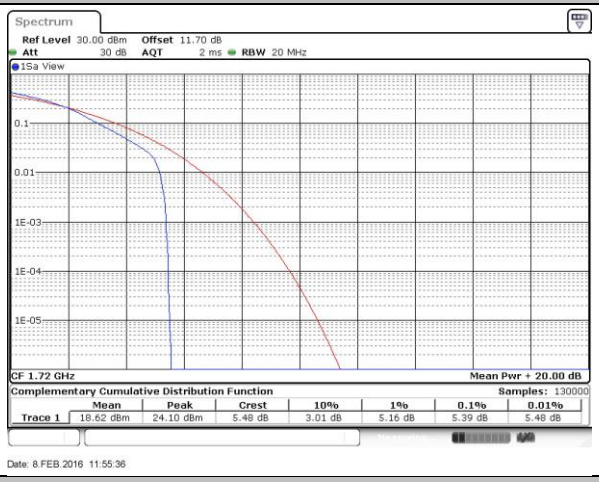
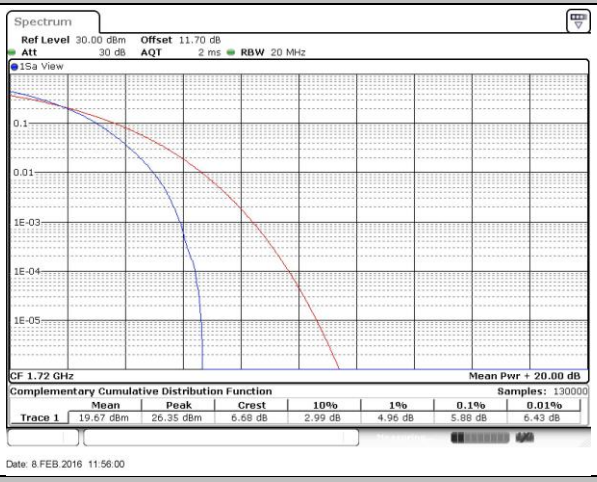
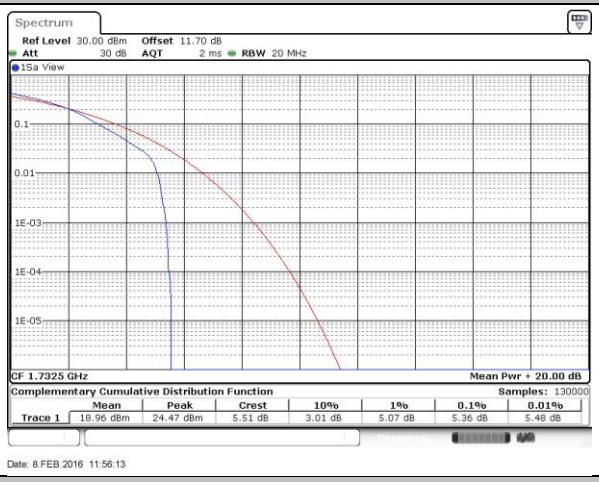
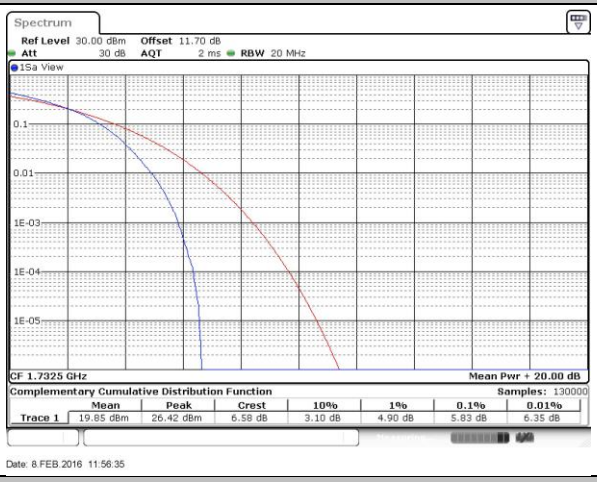
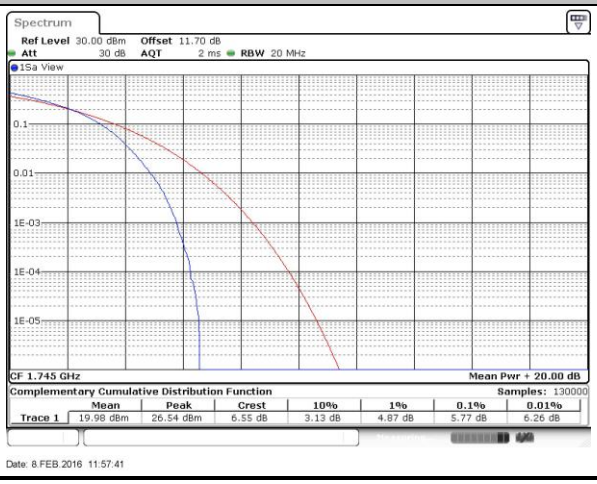
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.03	4.75	5.39	5.88	PASS
Middle CH	3.97	4.72	5.36	5.83	
Highest CH	3.86	4.67	5.36	5.77	

LTE Band 4 / 20MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

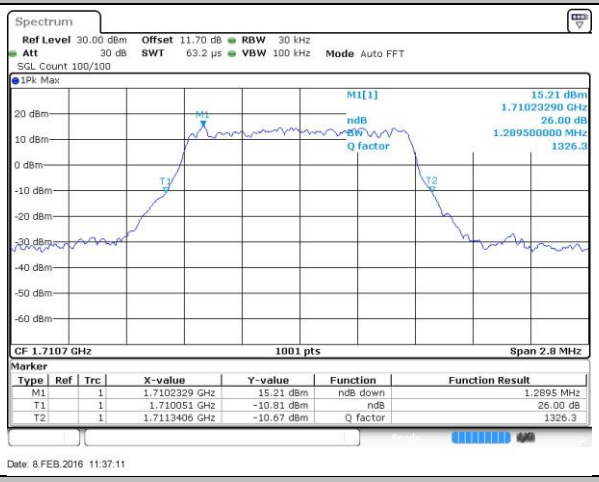
LTE Band 4 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

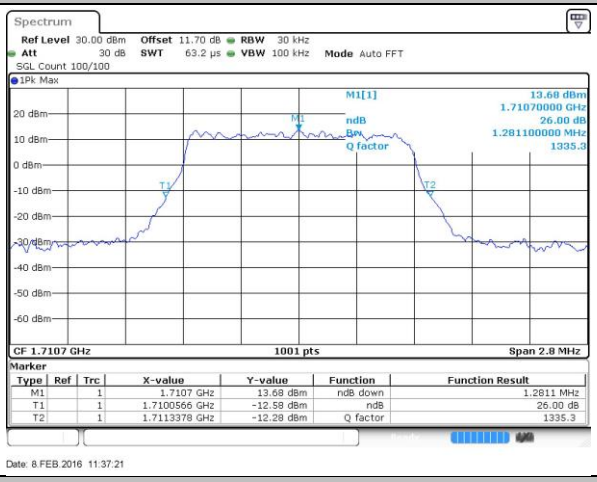
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.29	1.28	3.02	2.97	4.86	4.9	9.83	9.81	14.6	14.21	20.02	20.06
Middle CH	1.27	1.27	2.98	3.02	4.9	4.91	9.89	9.77	14.3	14.33	20.1	20.06
Highest CH	1.3	1.25	2.97	3.02	4.92	4.91	9.65	9.65	14.66	14.15	20.14	20.02

LTE Band 4

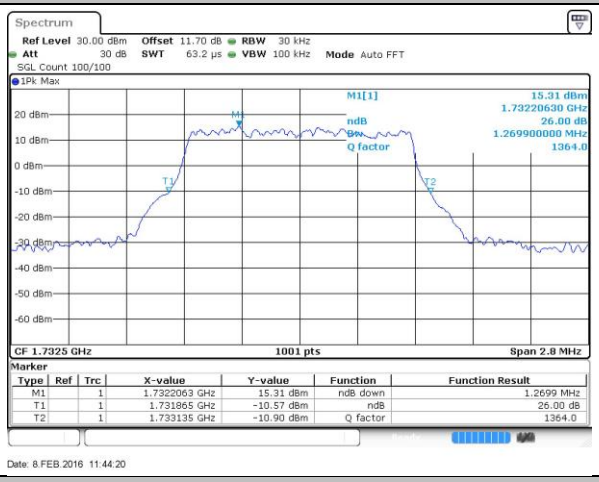
Lowest Channel / 1.4MHz / QPSK



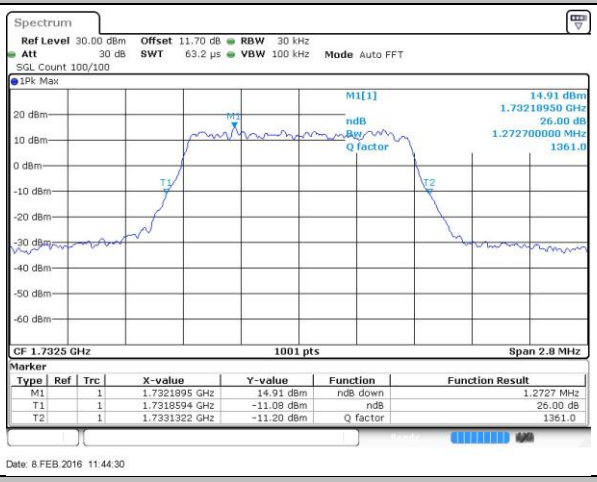
Lowest Channel / 1.4MHz / 16QAM



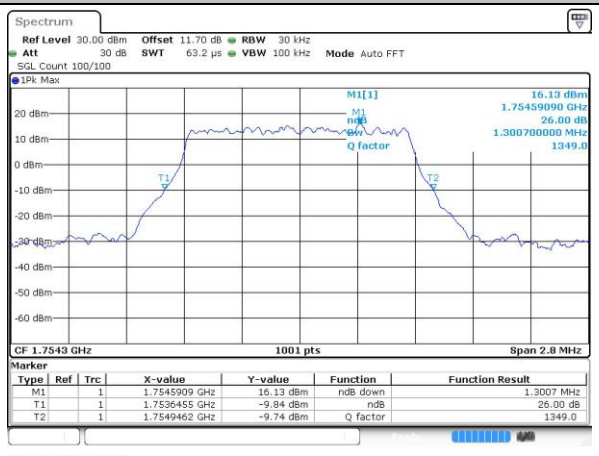
Middle Channel / 1.4MHz / QPSK



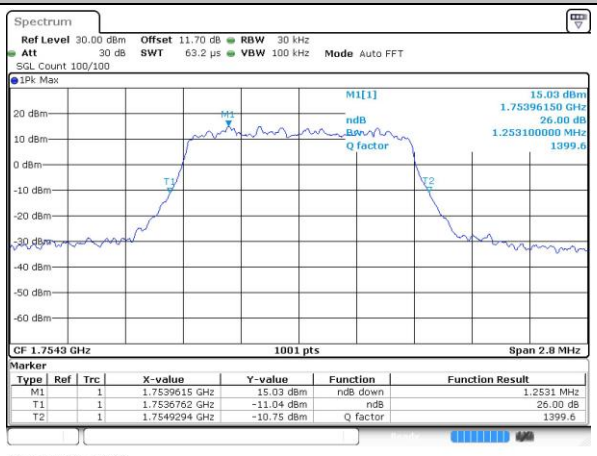
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

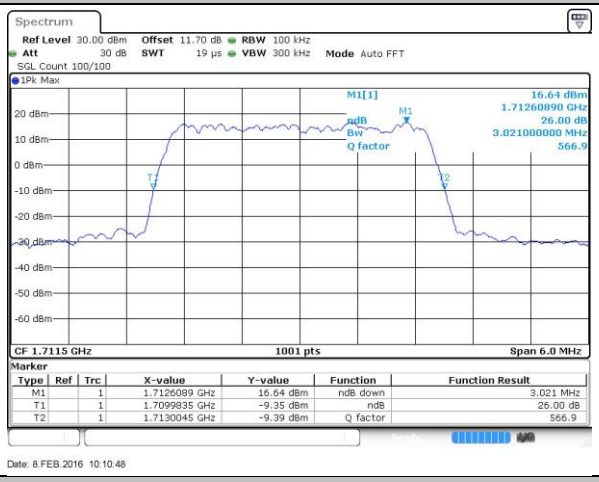


Highest Channel / 1.4MHz / 16QAM

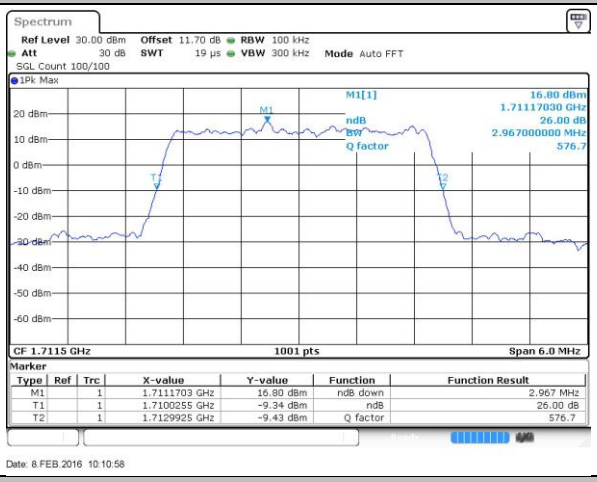


LTE Band 4

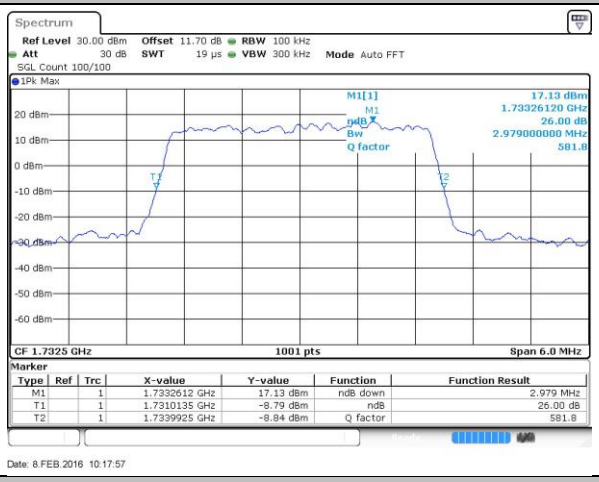
Lowest Channel / 3MHz / QPSK



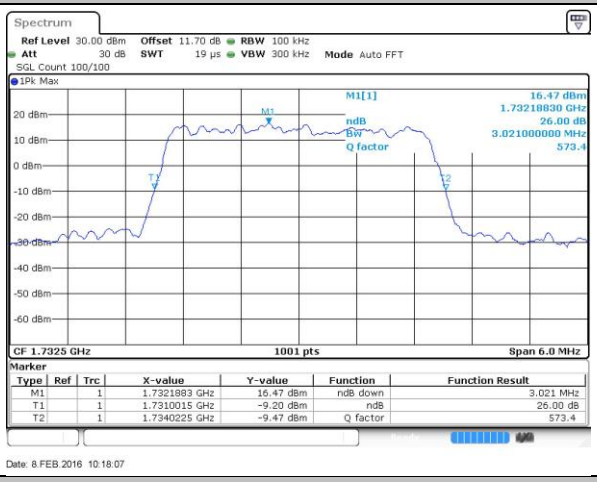
Lowest Channel / 3MHz / 16QAM



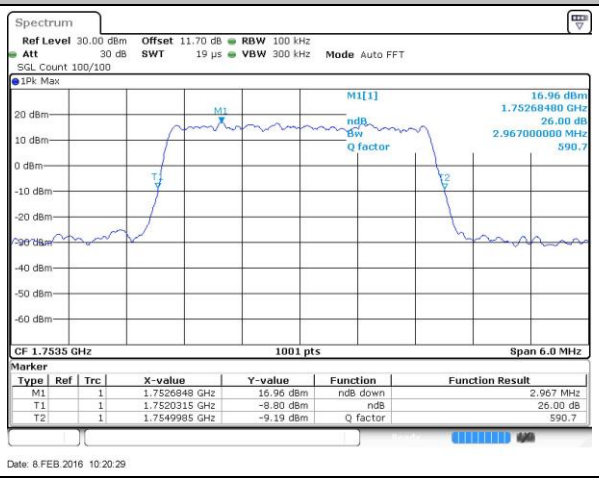
Middle Channel / 3MHz / QPSK



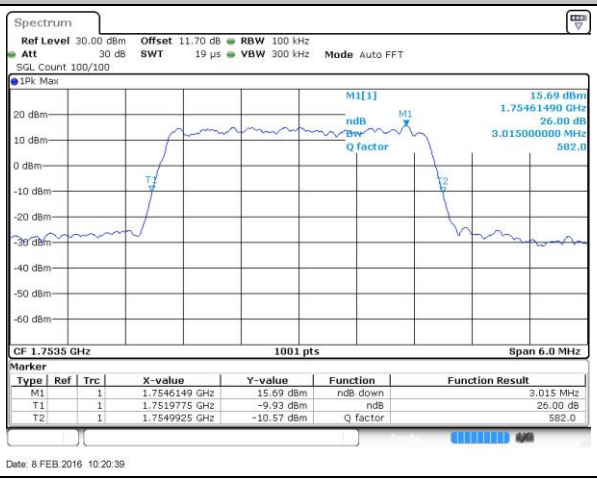
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

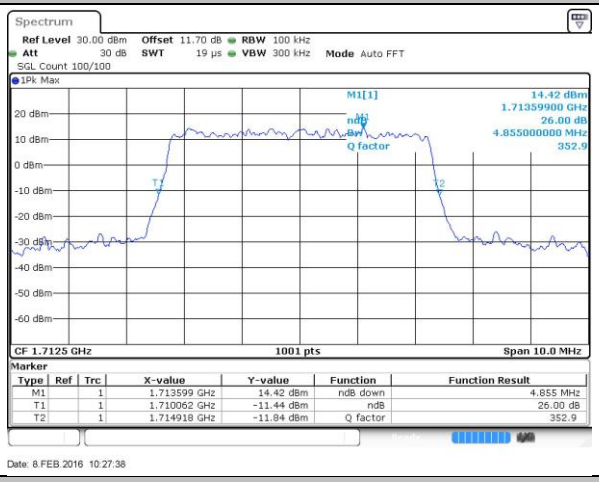


Highest Channel /3MHz / 16QAM

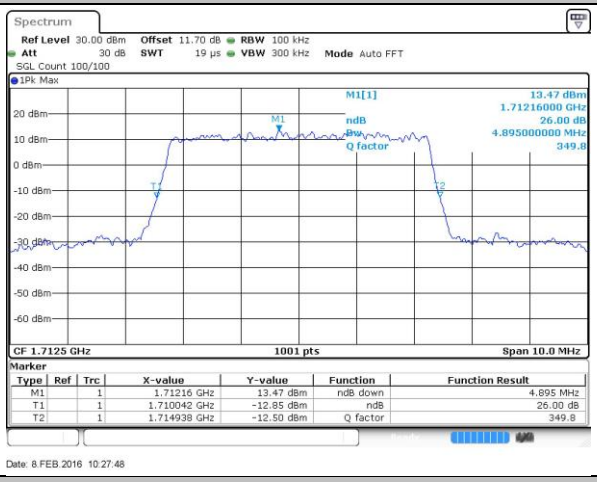


LTE Band 4

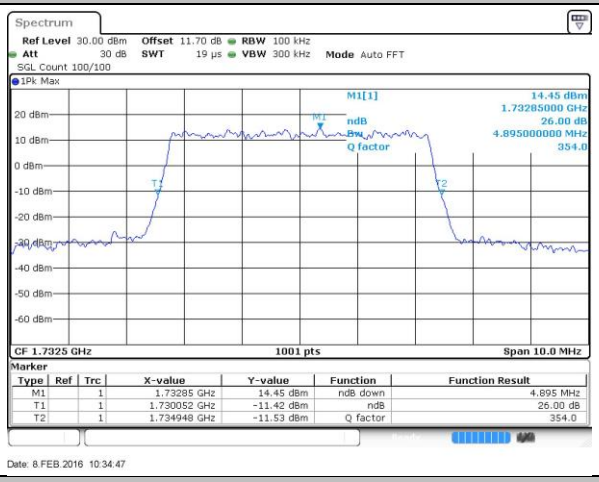
Lowest Channel / 5MHz / QPSK



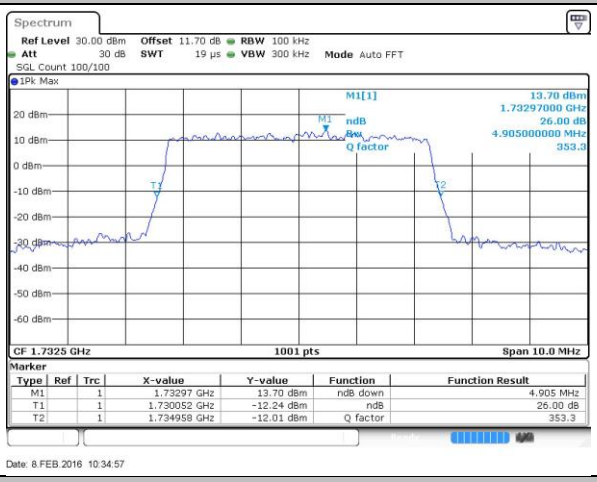
Lowest Channel / 5MHz / 16QAM



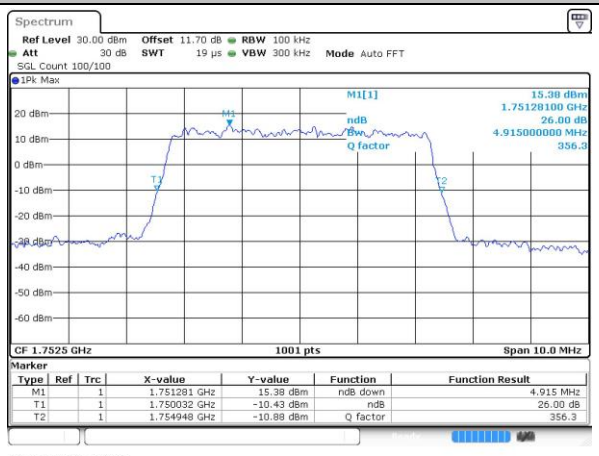
Middle Channel / 5MHz / QPSK



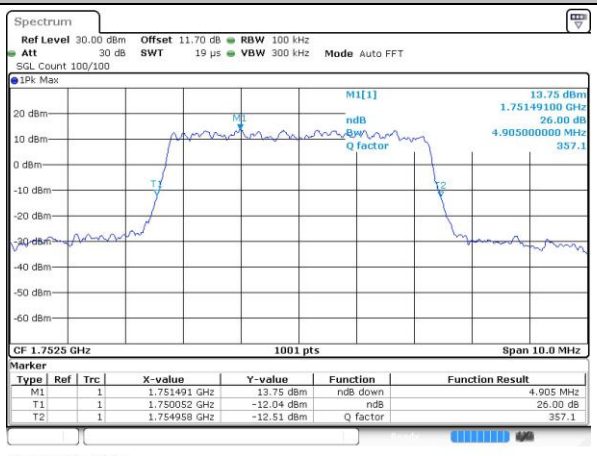
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

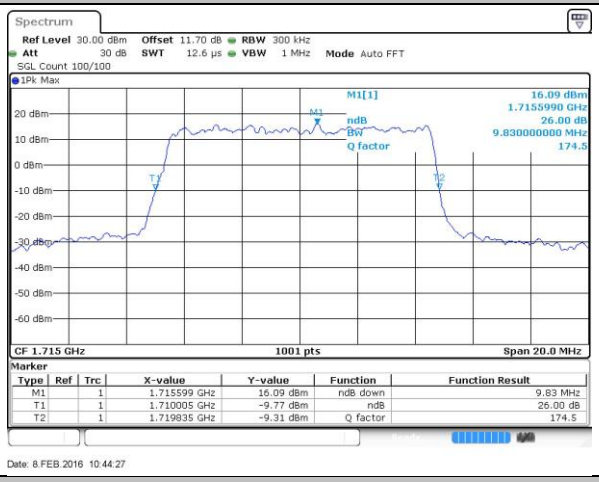


Highest Channel / 5MHz / 16QAM

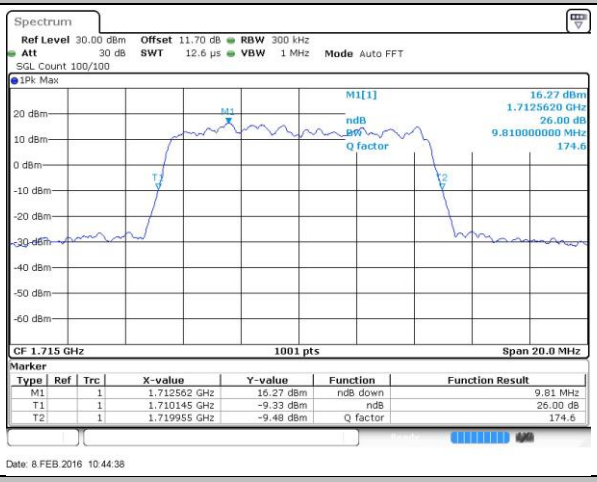


LTE Band 4

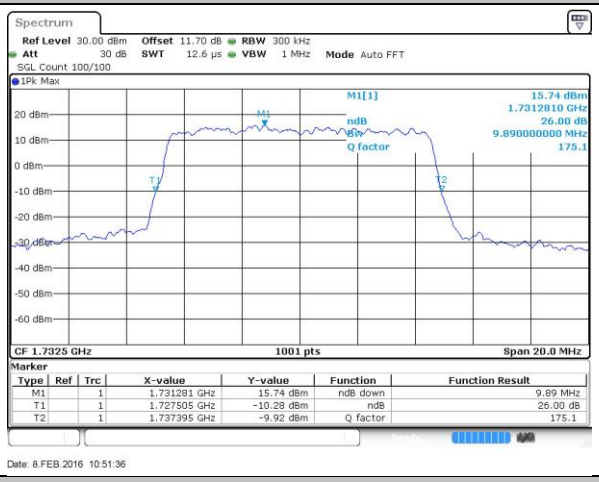
Lowest Channel / 10MHz / QPSK



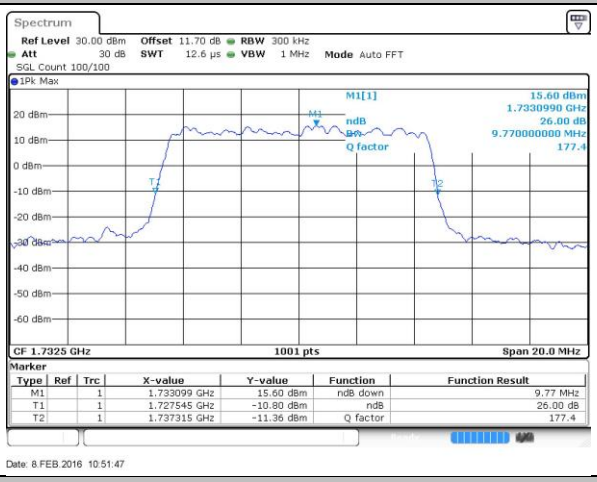
Lowest Channel / 10MHz / 16QAM



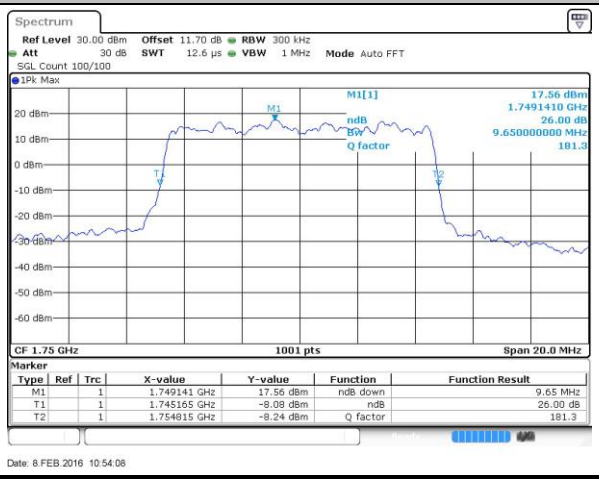
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM