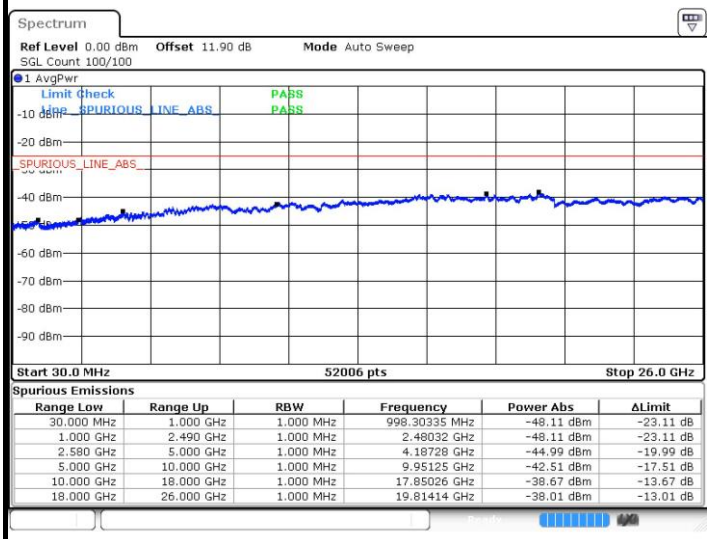
LTE Band 7 / 5MHz

Highest Channel / QPSK

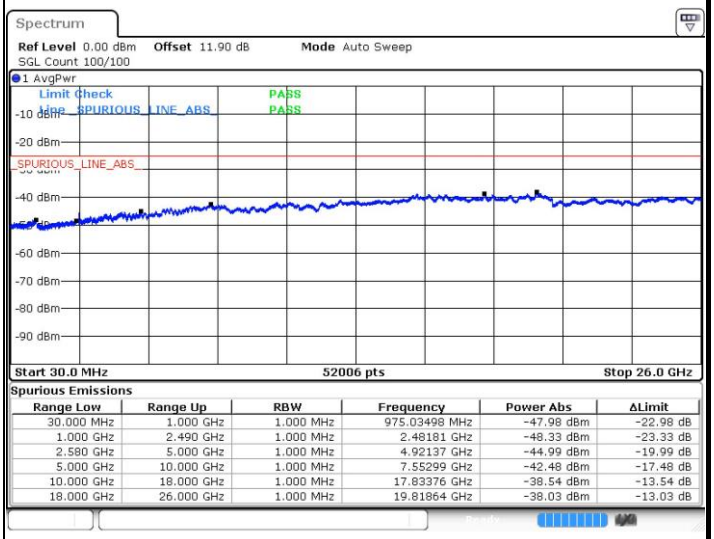


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-48.11 dBm	-23.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48032 GHz	-48.11 dBm	-23.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18728 GHz	-44.99 dBm	-19.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95125 GHz	-42.51 dBm	-17.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85026 GHz	-38.67 dBm	-13.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81414 GHz	-38.01 dBm	-13.01 dB

Date: 16.FEB.2019 00:12:47

Highest Channel / 16QAM



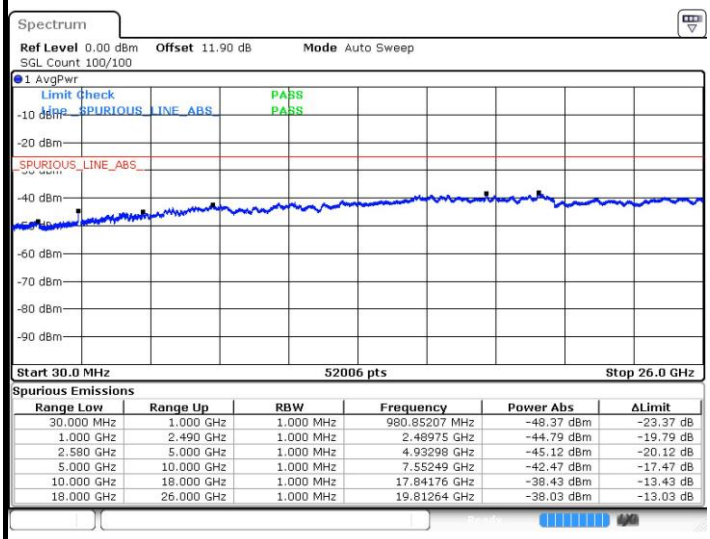
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-47.98 dBm	-22.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-48.33 dBm	-23.33 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92137 GHz	-44.99 dBm	-19.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55299 GHz	-42.48 dBm	-17.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83376 GHz	-38.54 dBm	-13.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81864 GHz	-38.03 dBm	-13.03 dB

Date: 16.FEB.2019 00:13:32

LTE Band 7 / 10MHz

Lowest Channel / QPSK

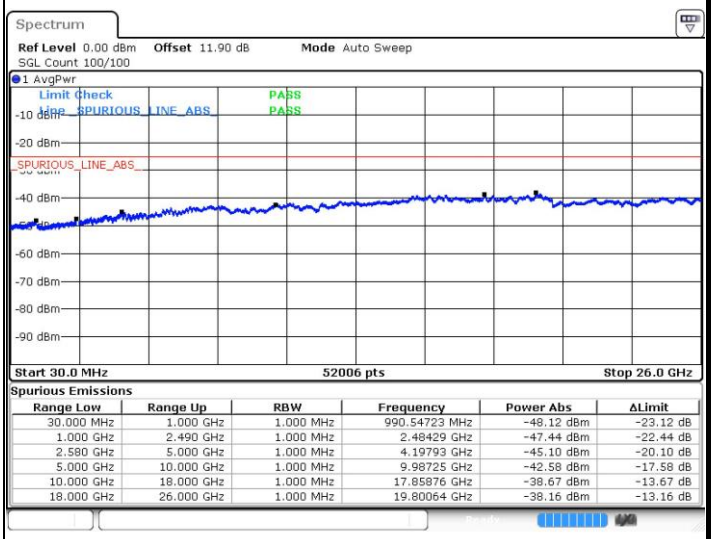


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-48.37 dBm	-23.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-44.79 dBm	-19.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93298 GHz	-45.12 dBm	-20.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55249 GHz	-42.47 dBm	-17.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84176 GHz	-38.43 dBm	-13.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81264 GHz	-38.03 dBm	-13.03 dB

Date: 16.FEB.2019 00:28:47

Lowest Channel / 16QAM



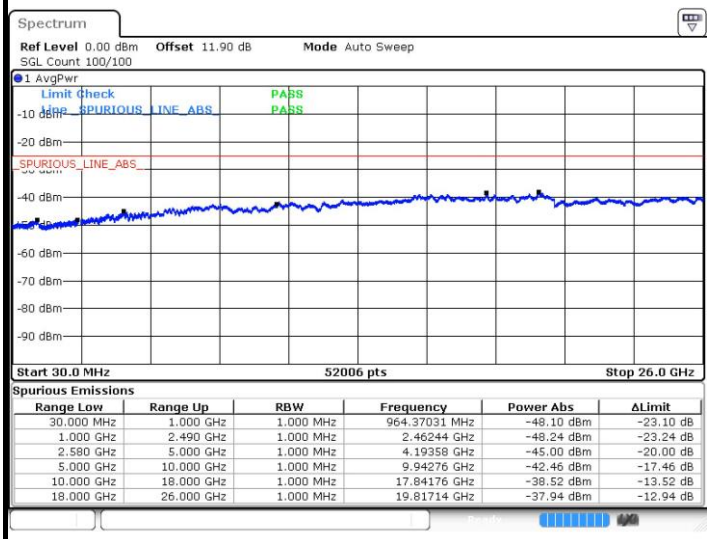
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.54723 MHz	-48.12 dBm	-23.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-47.44 dBm	-22.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19793 GHz	-45.10 dBm	-20.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98725 GHz	-42.58 dBm	-17.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85876 GHz	-38.67 dBm	-13.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80064 GHz	-38.16 dBm	-13.16 dB

Date: 16.FEB.2019 00:29:32

LTE Band 7 / 10MHz

Middle Channel / QPSK

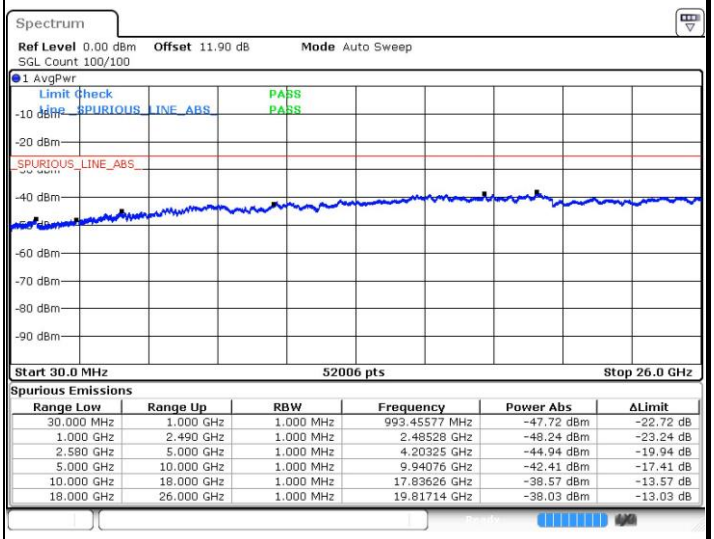


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-48.10 dBm	-23.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46244 GHz	-48.24 dBm	-23.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19358 GHz	-45.00 dBm	-20.00 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94276 GHz	-42.46 dBm	-17.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84176 GHz	-38.52 dBm	-13.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81714 GHz	-37.94 dBm	-12.94 dB

Date: 16.FEB.2019 00:31:02

Middle Channel / 16QAM

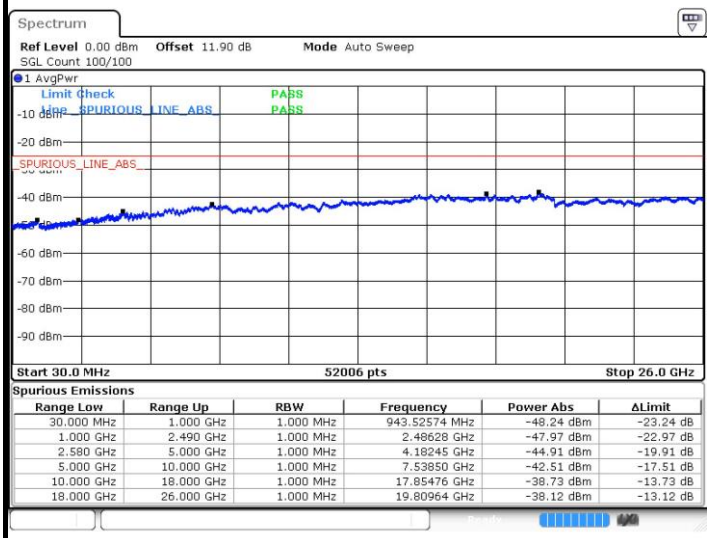


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-47.72 dBm	-22.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-48.24 dBm	-23.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20325 GHz	-44.94 dBm	-19.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94076 GHz	-42.41 dBm	-17.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83626 GHz	-38.57 dBm	-13.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81714 GHz	-38.03 dBm	-13.03 dB

Date: 16.FEB.2019 00:31:47

Highest Channel / QPSK

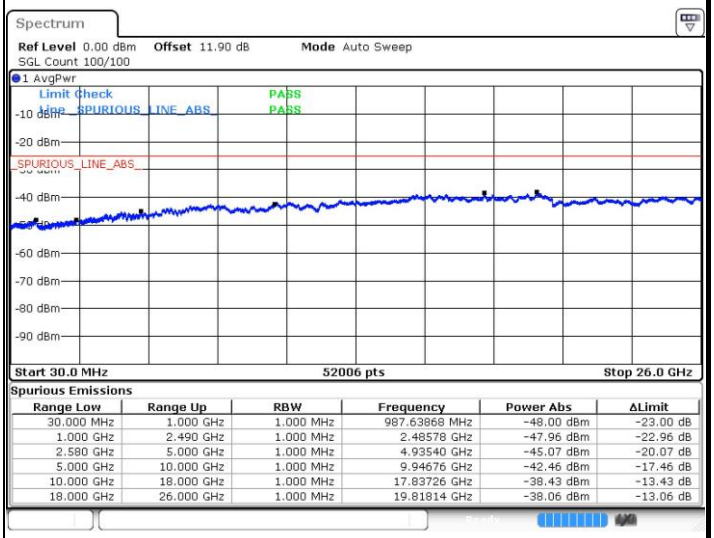


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-48.24 dBm	-23.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-47.97 dBm	-22.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18245 GHz	-44.91 dBm	-19.91 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.53850 GHz	-42.51 dBm	-17.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85476 GHz	-38.73 dBm	-13.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80964 GHz	-38.12 dBm	-13.12 dB

Date: 16.FEB.2019 00:37:00

Highest Channel / 16QAM



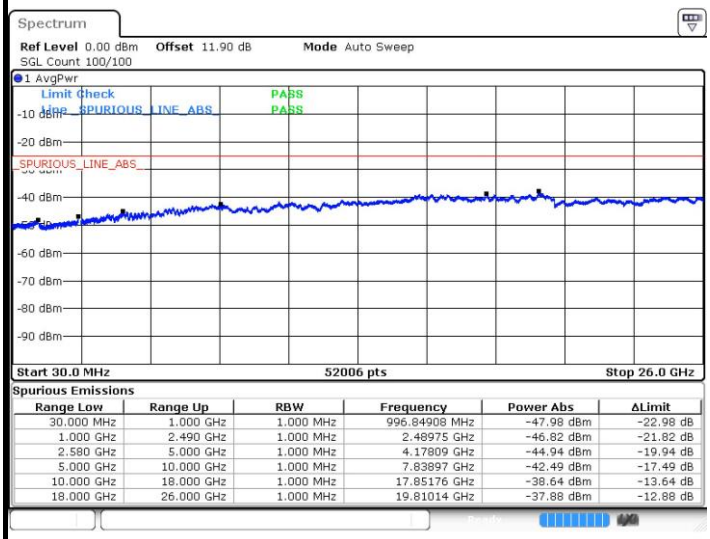
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-48.00 dBm	-23.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-47.96 dBm	-22.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93540 GHz	-45.07 dBm	-20.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94676 GHz	-42.46 dBm	-17.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83726 GHz	-38.43 dBm	-13.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81814 GHz	-38.06 dBm	-13.06 dB

Date: 16.FEB.2019 00:37:45

LTE Band 7 / 15MHz

Lowest Channel / QPSK

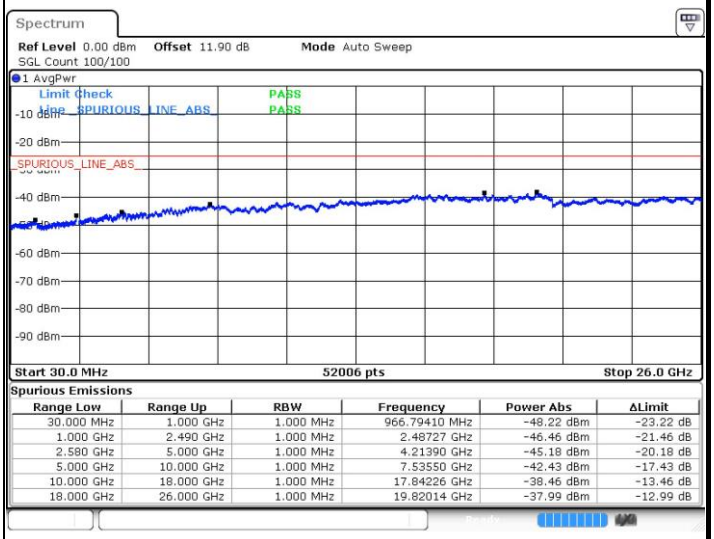


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.98 dBm	-22.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.82 dBm	-21.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17809 GHz	-44.94 dBm	-19.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.83897 GHz	-42.49 dBm	-17.49 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85176 GHz	-38.64 dBm	-13.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81014 GHz	-37.88 dBm	-12.88 dB

Date: 16.FEB.2019 00:50:03

Lowest Channel / 16QAM

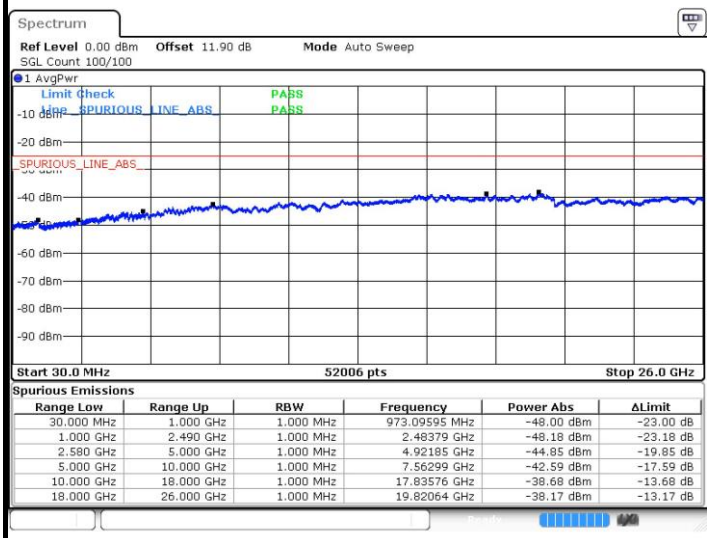


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-48.22 dBm	-23.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-46.46 dBm	-21.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.21390 GHz	-45.18 dBm	-20.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.53550 GHz	-42.43 dBm	-17.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-38.46 dBm	-13.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82014 GHz	-37.99 dBm	-12.99 dB

Date: 16.FEB.2019 00:50:48

Middle Channel / QPSK

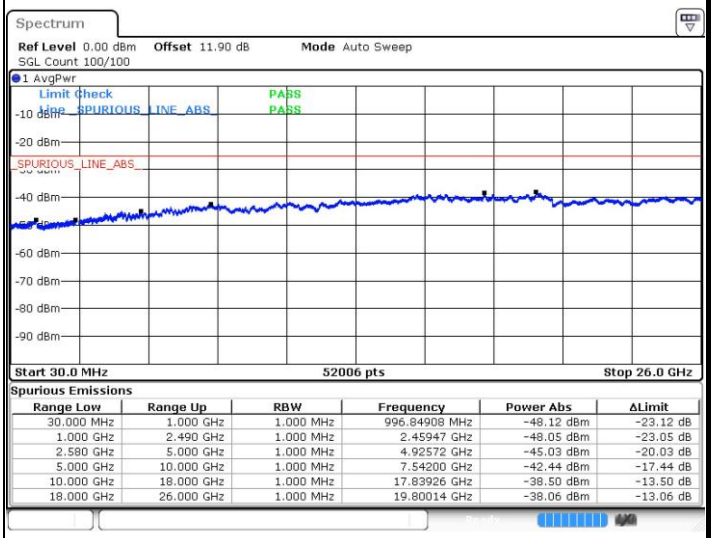


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-48.00 dBm	-23.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-48.18 dBm	-23.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92185 GHz	-44.85 dBm	-19.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.56299 GHz	-42.59 dBm	-17.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83576 GHz	-38.68 dBm	-13.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82064 GHz	-38.17 dBm	-13.17 dB

Date: 16.FEB.2019 00:52:18

Middle Channel / 16QAM



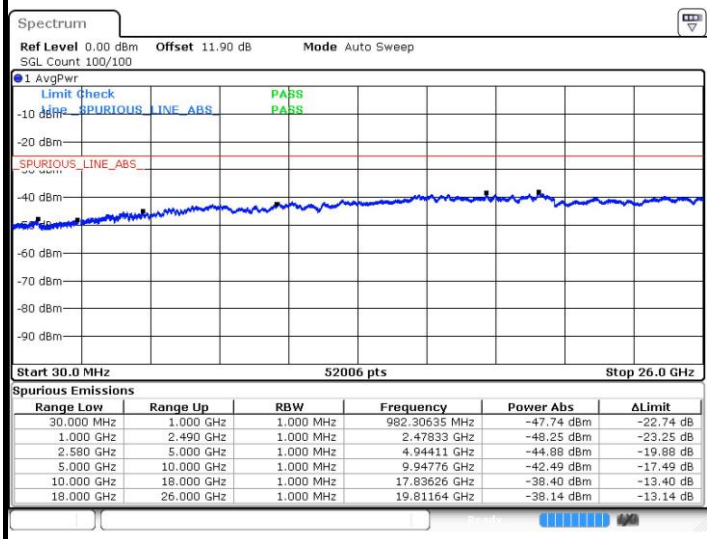
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-48.12 dBm	-23.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45947 GHz	-48.05 dBm	-23.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92572 GHz	-45.03 dBm	-20.03 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54200 GHz	-42.44 dBm	-17.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83926 GHz	-38.50 dBm	-13.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80014 GHz	-38.06 dBm	-13.06 dB

Date: 16.FEB.2019 00:53:03

LTE Band7 / 15MHz

Highest Channel / QPSK

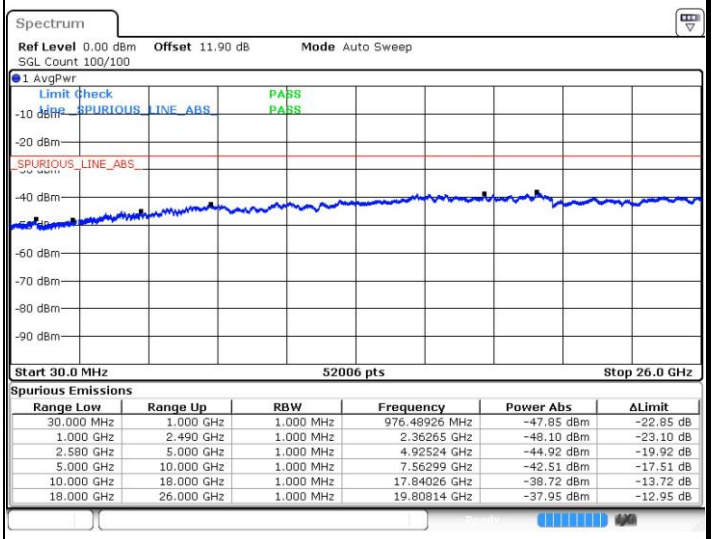


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.74 dBm	-22.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47833 GHz	-48.25 dBm	-23.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94411 GHz	-44.88 dBm	-19.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94776 GHz	-42.49 dBm	-17.49 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83626 GHz	-38.40 dBm	-13.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-38.14 dBm	-13.14 dB

Date: 16.FEB.2019 00:58:16

Highest Channel / 16QAM



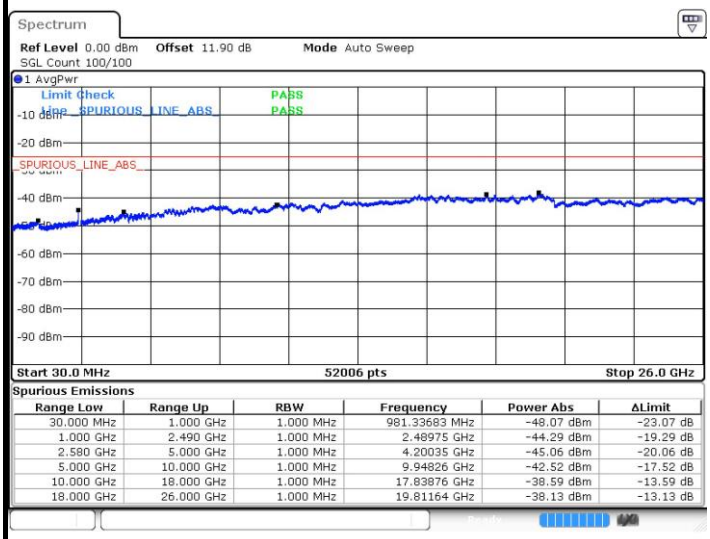
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-47.85 dBm	-22.85 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.36265 GHz	-48.10 dBm	-23.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92524 GHz	-44.92 dBm	-19.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.56299 GHz	-42.51 dBm	-17.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84026 GHz	-38.72 dBm	-13.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80814 GHz	-37.95 dBm	-12.95 dB

Date: 16.FEB.2019 00:59:01

LTE Band 7 / 20MHz

Lowest Channel / QPSK

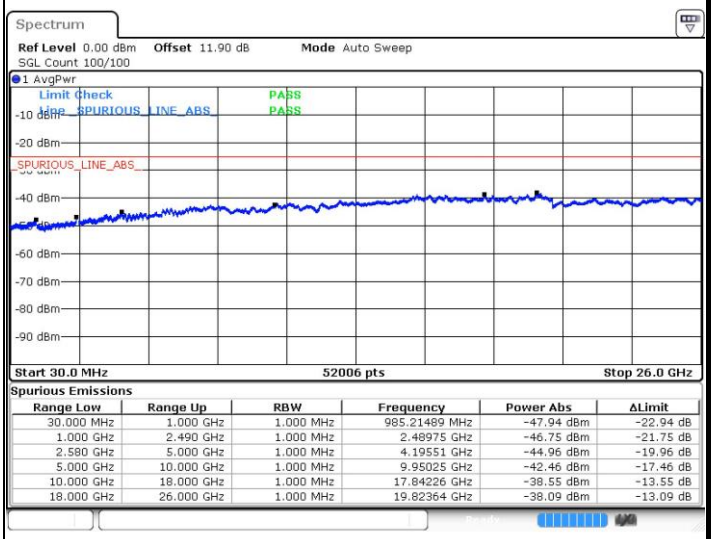


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-48.07 dBm	-23.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-44.29 dBm	-19.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20035 GHz	-45.06 dBm	-20.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94826 GHz	-42.52 dBm	-17.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83876 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-38.13 dBm	-13.13 dB

Date: 16.FEB.2019 01:11:19

Lowest Channel / 16QAM



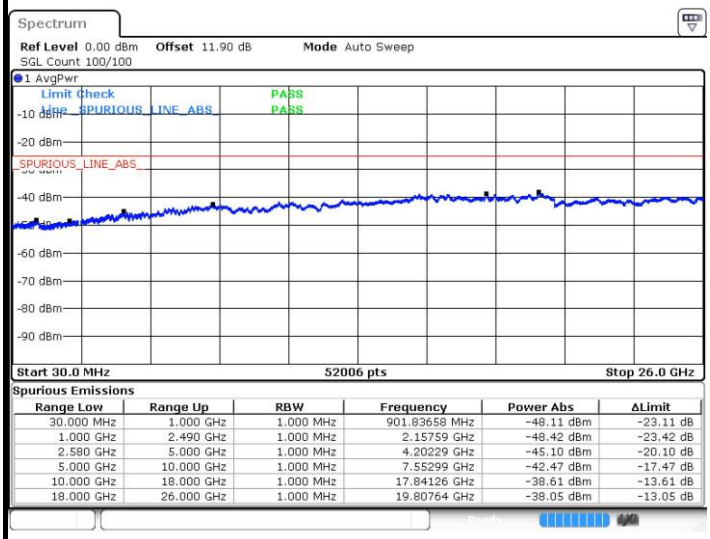
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-47.94 dBm	-22.94 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-46.75 dBm	-21.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19551 GHz	-44.96 dBm	-19.96 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.95025 GHz	-42.46 dBm	-17.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84226 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82364 GHz	-38.09 dBm	-13.09 dB

Date: 16.FEB.2019 01:12:04

LTE Band 7 / 20MHz

Middle Channel / QPSK

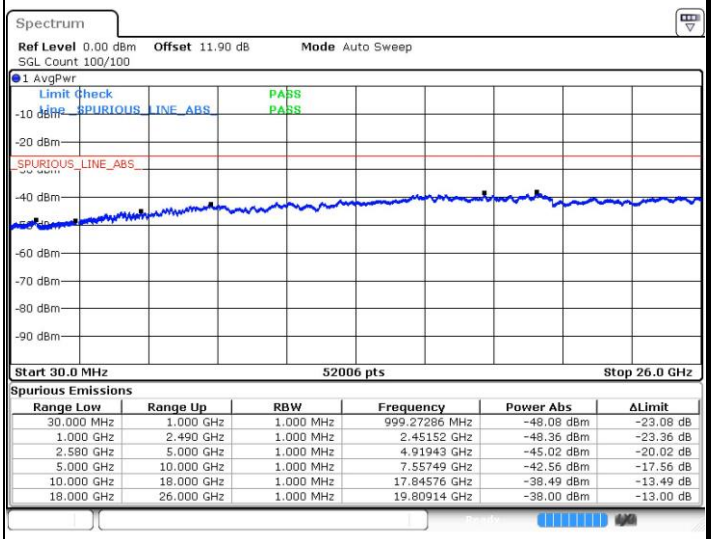


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-48.11 dBm	-23.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15759 GHz	-48.42 dBm	-23.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20229 GHz	-45.10 dBm	-20.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55299 GHz	-42.47 dBm	-17.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84126 GHz	-38.61 dBm	-13.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80764 GHz	-38.05 dBm	-13.05 dB

Date: 16.FEB.2019 01:13:34

Middle Channel / 16QAM

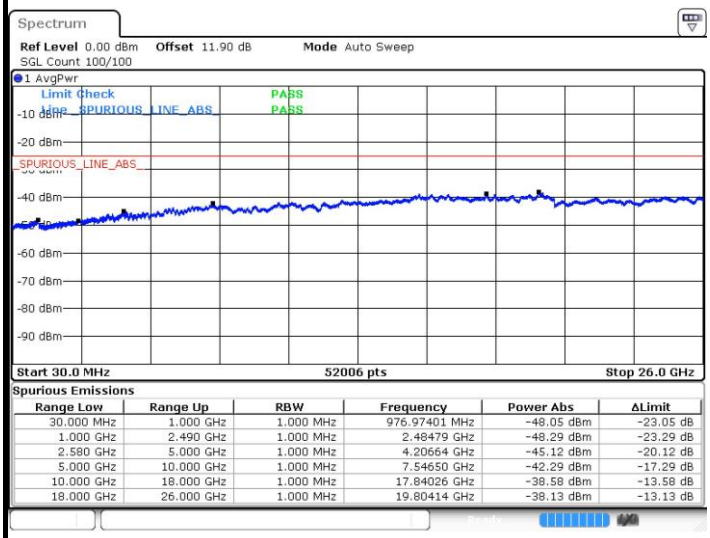


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-48.08 dBm	-23.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45152 GHz	-48.36 dBm	-23.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.91943 GHz	-45.02 dBm	-20.02 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55749 GHz	-42.56 dBm	-17.56 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84576 GHz	-38.49 dBm	-13.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80914 GHz	-38.00 dBm	-13.00 dB

Date: 16.FEB.2019 01:14:19

Highest Channel / QPSK

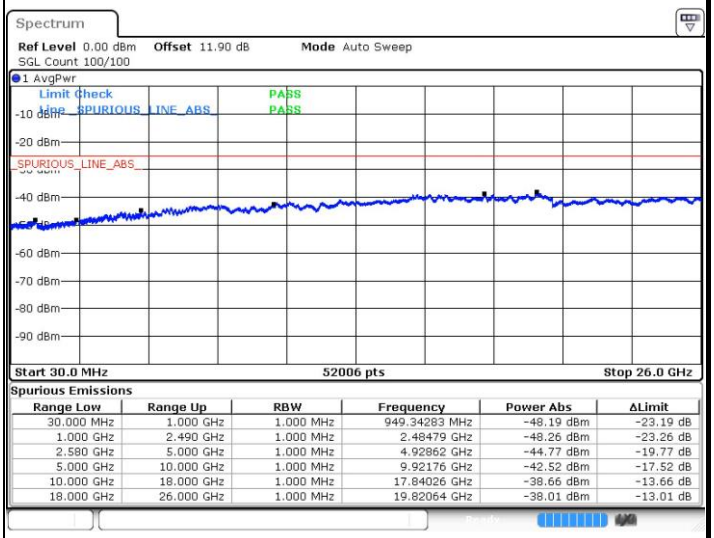


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-48.05 dBm	-23.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-48.29 dBm	-23.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20664 GHz	-45.12 dBm	-20.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54650 GHz	-42.29 dBm	-17.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84026 GHz	-38.58 dBm	-13.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80414 GHz	-38.13 dBm	-13.13 dB

Date: 16.FEB.2019 01:19:31

Highest Channel / 16QAM



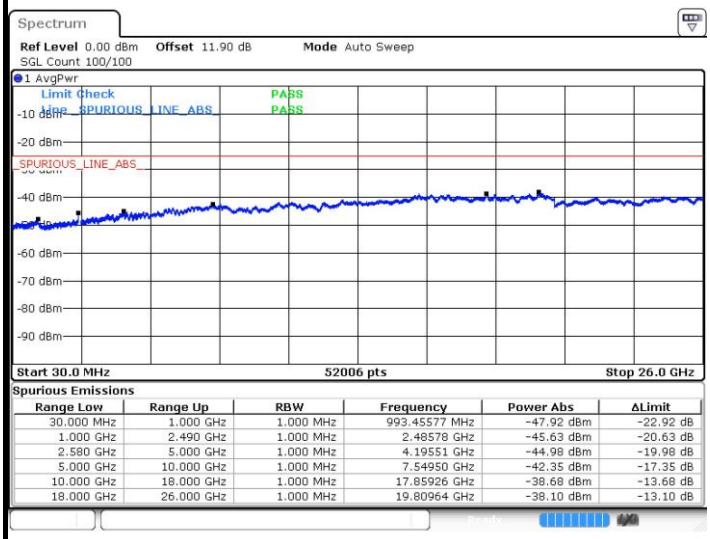
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-48.19 dBm	-23.19 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-48.26 dBm	-23.26 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92862 GHz	-44.77 dBm	-19.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.92176 GHz	-42.52 dBm	-17.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84026 GHz	-38.66 dBm	-13.66 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82064 GHz	-38.01 dBm	-13.01 dB

Date: 16.FEB.2019 01:20:16

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

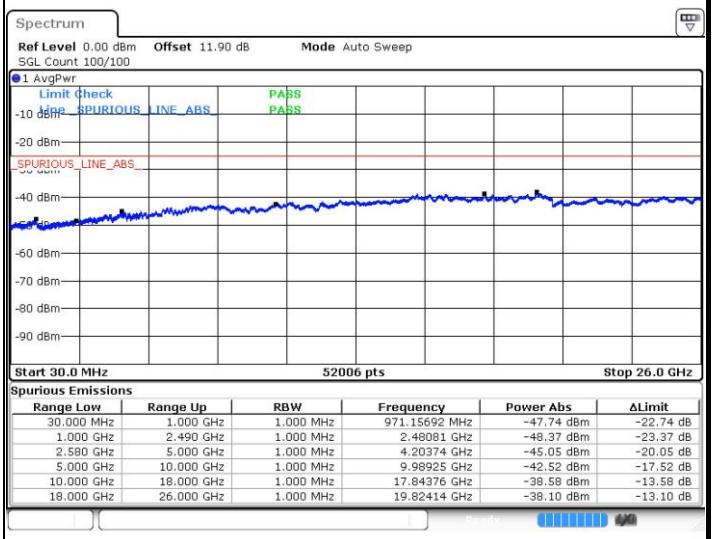


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-47.92 dBm	-22.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-45.63 dBm	-20.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19551 GHz	-44.98 dBm	-19.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54950 GHz	-42.35 dBm	-17.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85926 GHz	-38.68 dBm	-13.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80964 GHz	-38.10 dBm	-13.10 dB

Date: 16.FEB.2019 00:16:31

Middle Channel / 64QAM

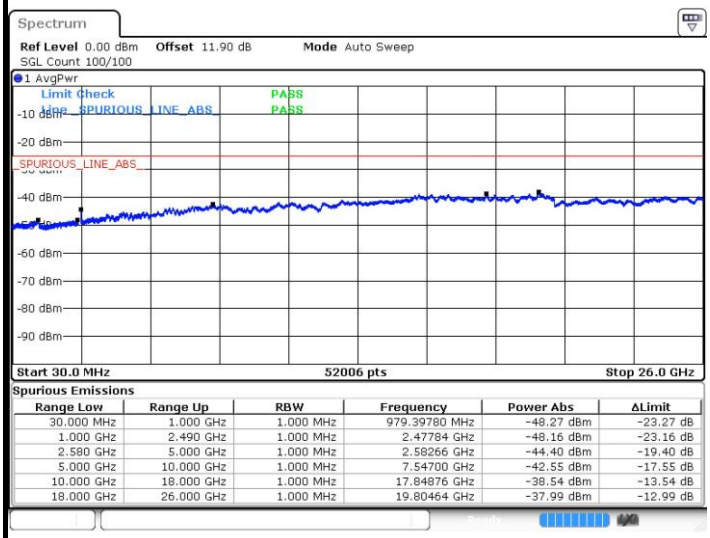


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-47.74 dBm	-22.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48081 GHz	-48.37 dBm	-23.37 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20374 GHz	-45.05 dBm	-20.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.98925 GHz	-42.52 dBm	-17.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84376 GHz	-38.58 dBm	-13.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82414 GHz	-38.10 dBm	-13.10 dB

Date: 16.FEB.2019 00:17:38

Highest Channel / 64QAM



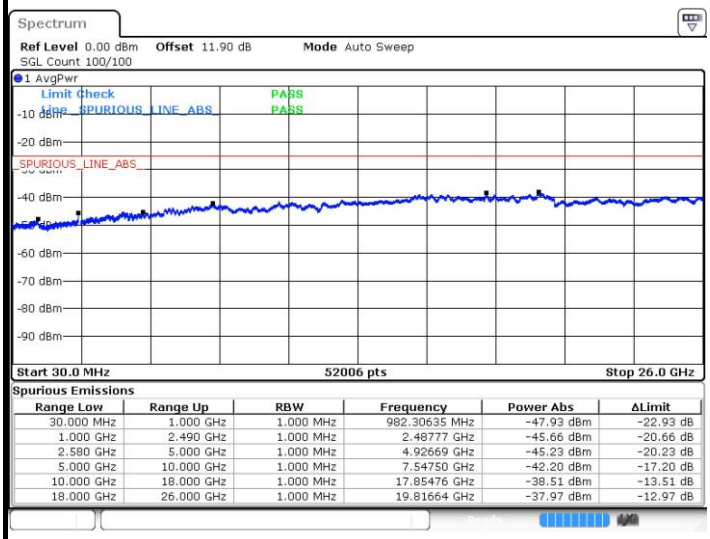
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-48.27 dBm	-23.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47784 GHz	-48.16 dBm	-23.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-44.40 dBm	-19.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54700 GHz	-42.55 dBm	-17.55 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84876 GHz	-38.54 dBm	-13.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80464 GHz	-37.99 dBm	-12.99 dB

Date: 16.FEB.2019 00:23:35

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

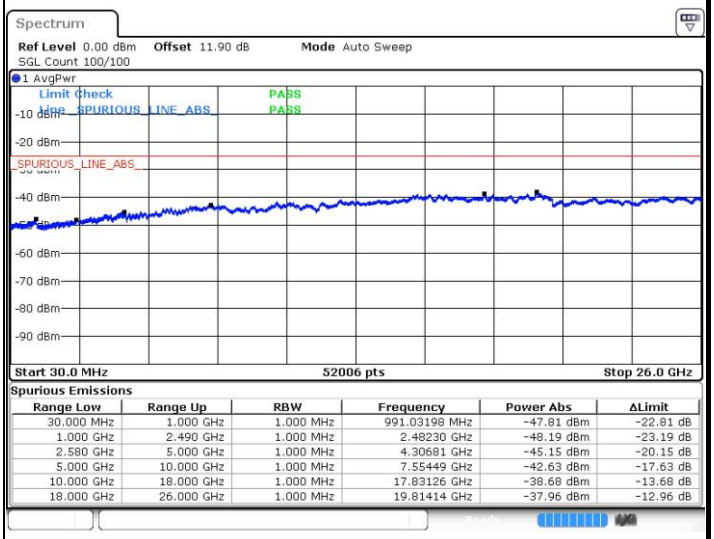


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-45.66 dBm	-20.66 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.92669 GHz	-45.23 dBm	-20.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54750 GHz	-42.20 dBm	-17.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85476 GHz	-38.51 dBm	-13.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81664 GHz	-37.97 dBm	-12.97 dB

Date: 16.FEB.2019 00:40:43

Middle Channel / 64QAM

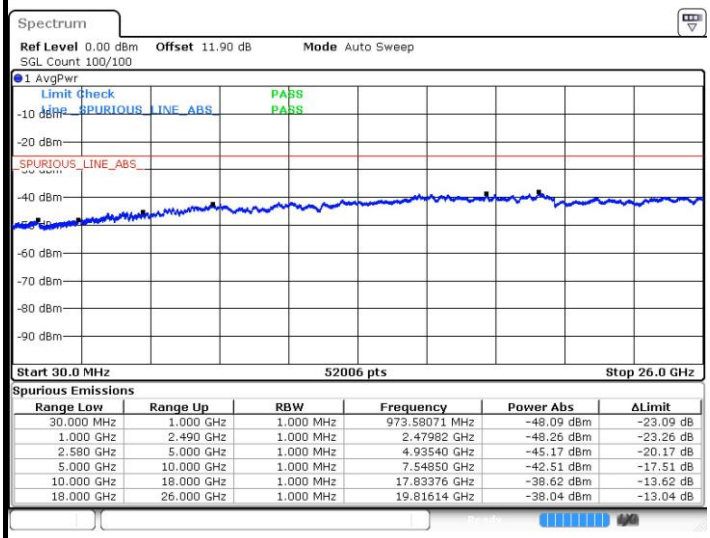


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-47.81 dBm	-22.81 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48230 GHz	-48.19 dBm	-23.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30681 GHz	-45.15 dBm	-20.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55449 GHz	-42.63 dBm	-17.63 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83126 GHz	-38.68 dBm	-13.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81414 GHz	-37.96 dBm	-12.96 dB

Date: 16.FEB.2019 00:41:51

Highest Channel / 64QAM



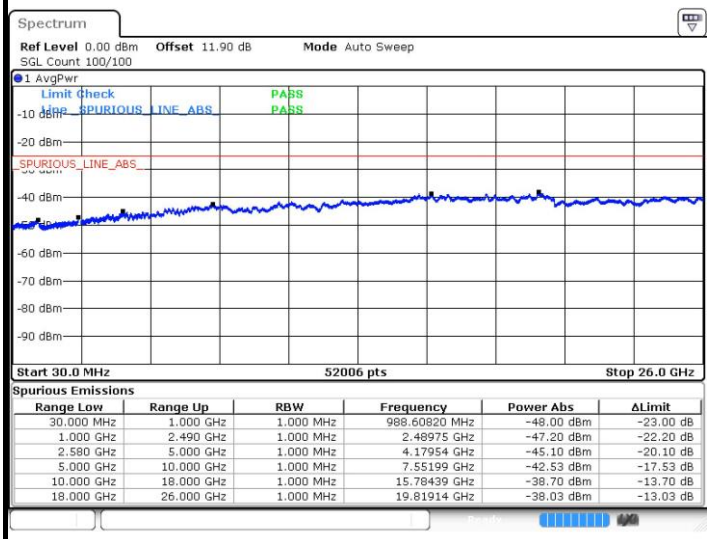
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-48.09 dBm	-23.09 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47982 GHz	-48.26 dBm	-23.26 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93540 GHz	-45.17 dBm	-20.17 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54850 GHz	-42.51 dBm	-17.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.83376 GHz	-38.62 dBm	-13.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81614 GHz	-38.04 dBm	-13.04 dB

Date: 16.FEB.2019 00:44:50

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

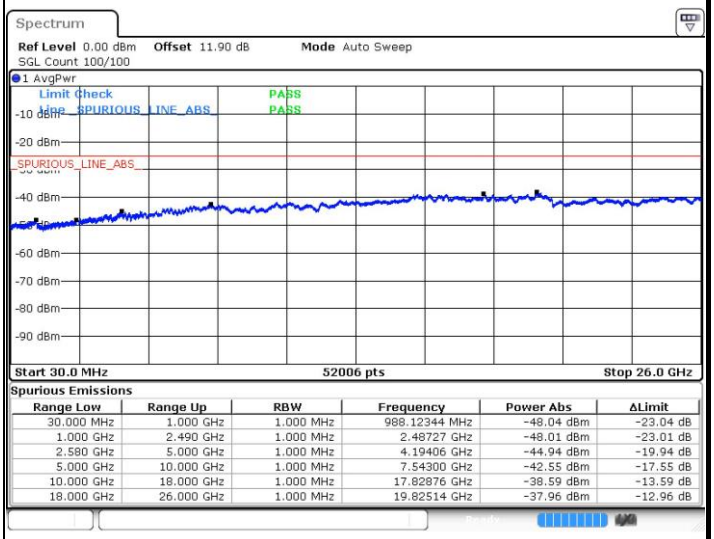


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-48.00 dBm	-23.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.20 dBm	-22.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17954 GHz	-45.10 dBm	-20.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55199 GHz	-42.53 dBm	-17.53 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.78439 GHz	-38.70 dBm	-13.70 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81914 GHz	-38.03 dBm	-13.03 dB

Date: 16.FEB.2019 01:01:59

Middle Channel / 64QAM

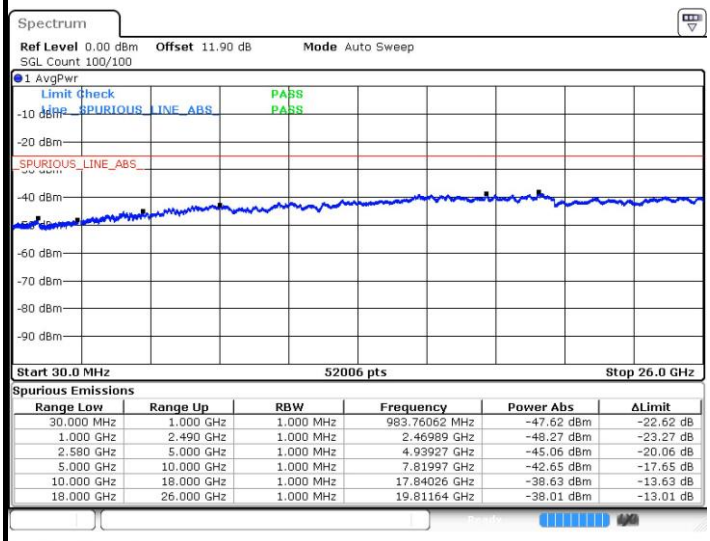


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-48.04 dBm	-23.04 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-48.01 dBm	-23.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19406 GHz	-44.94 dBm	-19.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54300 GHz	-42.55 dBm	-17.55 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.82876 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.82514 GHz	-37.96 dBm	-12.96 dB

Date: 16.FEB.2019 01:03:07

Highest Channel / 64QAM



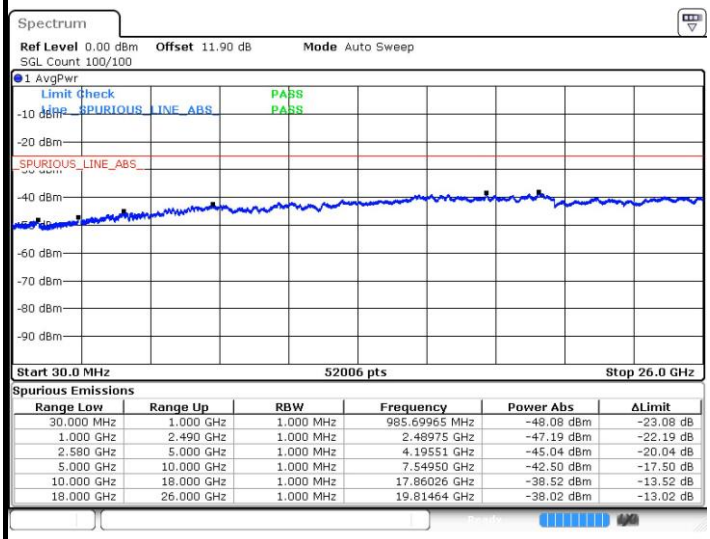
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.62 dBm	-22.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46989 GHz	-48.27 dBm	-23.27 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93927 GHz	-45.06 dBm	-20.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.81997 GHz	-42.65 dBm	-17.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84026 GHz	-38.63 dBm	-13.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81164 GHz	-38.01 dBm	-13.01 dB

Date: 16.FEB.2019 01:06:06

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

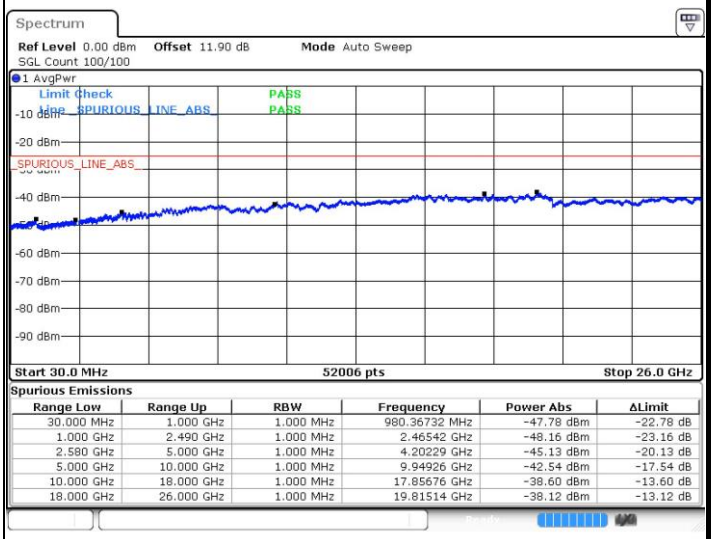


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-48.08 dBm	-23.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.19 dBm	-22.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19551 GHz	-45.04 dBm	-20.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.54950 GHz	-42.50 dBm	-17.50 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.86026 GHz	-38.52 dBm	-13.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81464 GHz	-38.02 dBm	-13.02 dB

Date: 16.FEB.2019 01:23:15

Middle Channel / 64QAM

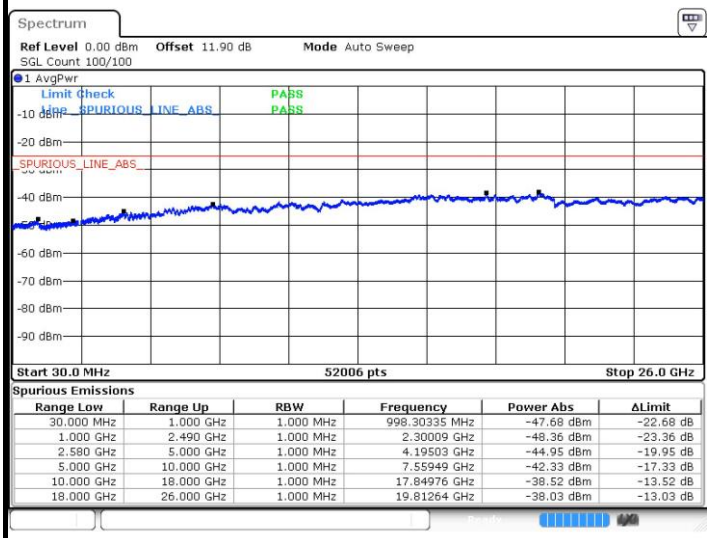


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.78 dBm	-22.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46542 GHz	-48.16 dBm	-23.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20229 GHz	-45.13 dBm	-20.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-42.54 dBm	-17.54 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.85676 GHz	-38.60 dBm	-13.60 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81514 GHz	-38.12 dBm	-13.12 dB

Date: 16.FEB.2019 01:24:23

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-47.68 dBm	-22.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30009 GHz	-48.36 dBm	-23.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19503 GHz	-44.95 dBm	-19.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.55949 GHz	-42.33 dBm	-17.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.84976 GHz	-38.52 dBm	-13.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.81264 GHz	-38.03 dBm	-13.03 dB

Date: 16.FEB.2019 01:27:22

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	0.0002	PASS
40	Normal Voltage	0.0078	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0070	
-10	Normal Voltage	0.0073	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0071	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 12

Peak-to-Average Ratio

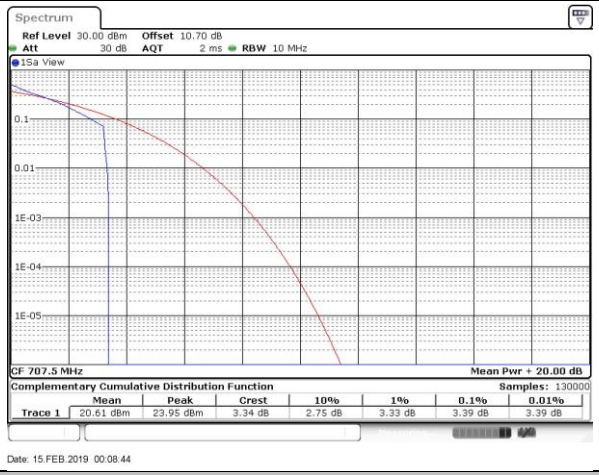
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.36	4.41	3.94	5.45	PASS
Middle CH	3.39	4.41	3.77	5.48	
Highest CH	3.45	4.43	4.17	5.54	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.96	6.20	-	-	PASS
Middle CH	5.13	6.17	-	-	
Highest CH	5.19	6.06	-	-	

LTE Band 12 / 10MHz / QPSK

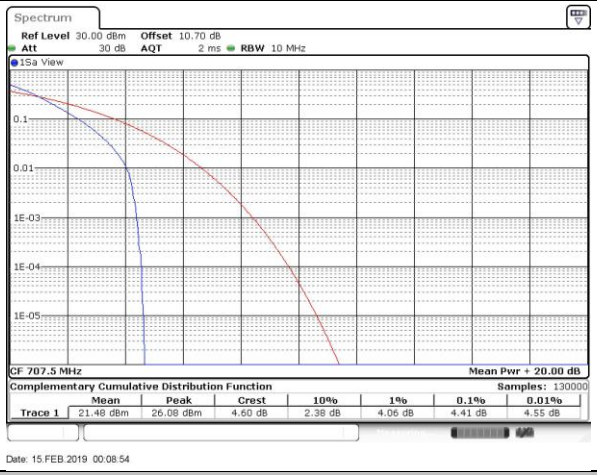
Lowest Channel / 1RB

Lowest Channel / Full RB

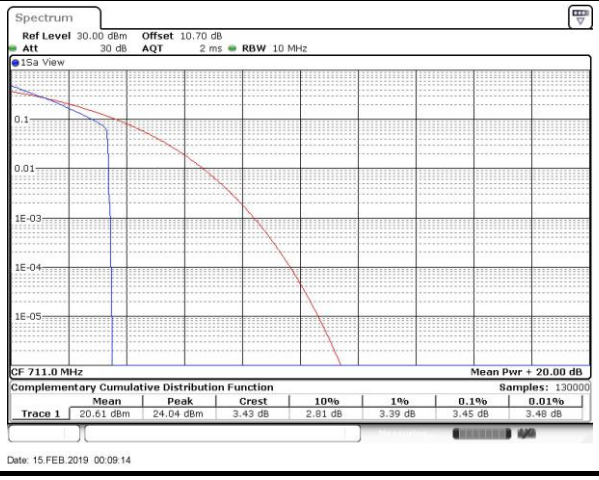
Middle Channel / 1RB



Middle Channel / Full RB



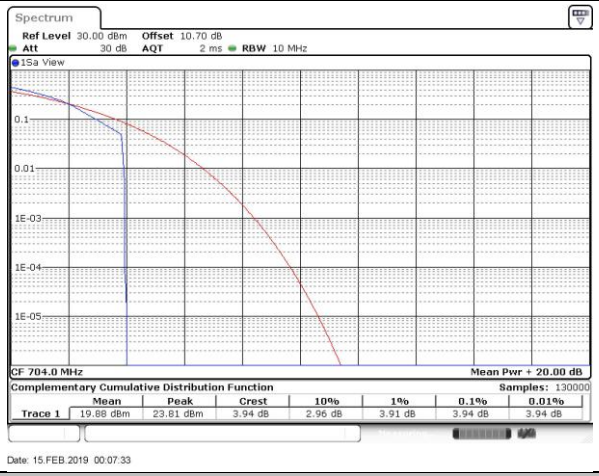
Highest Channel / 1RB



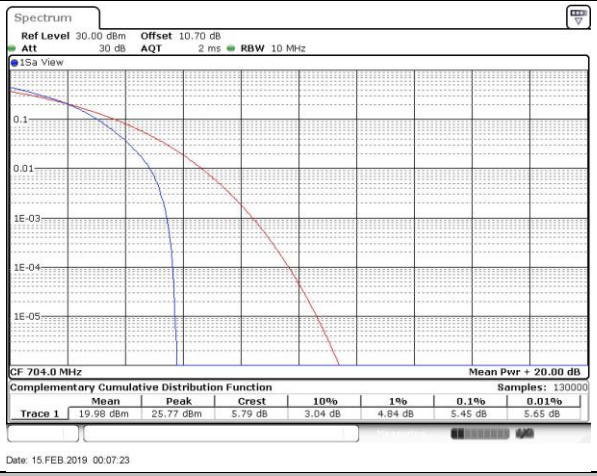
Highest Channel / Full RB

LTE Band 12 / 10MHz / 16QAM

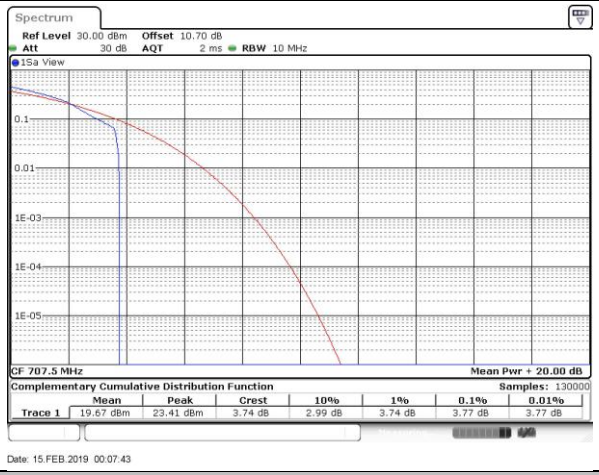
Lowest Channel / 1RB



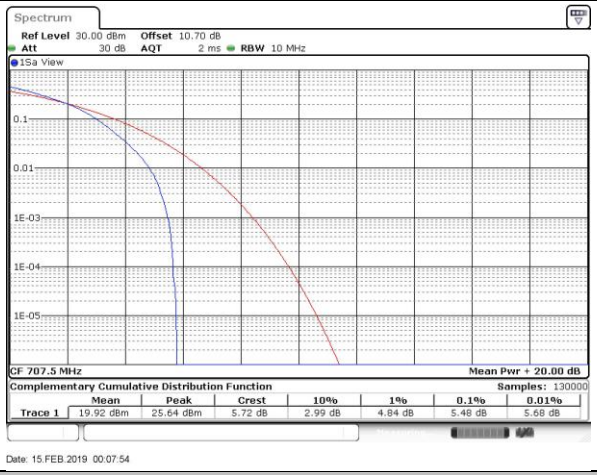
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

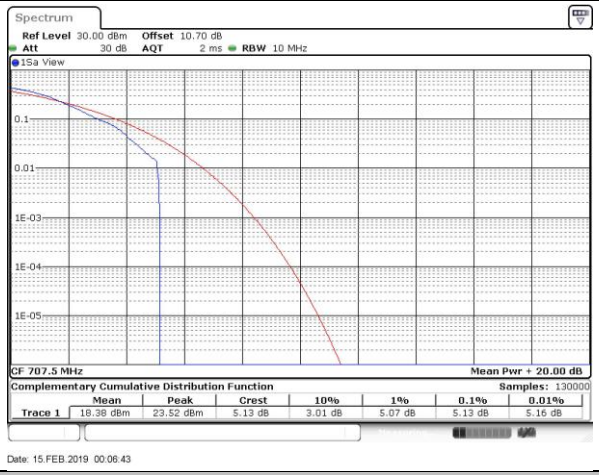
Highest Channel / Full RB

LTE Band 12 / 10MHz / 64QAM

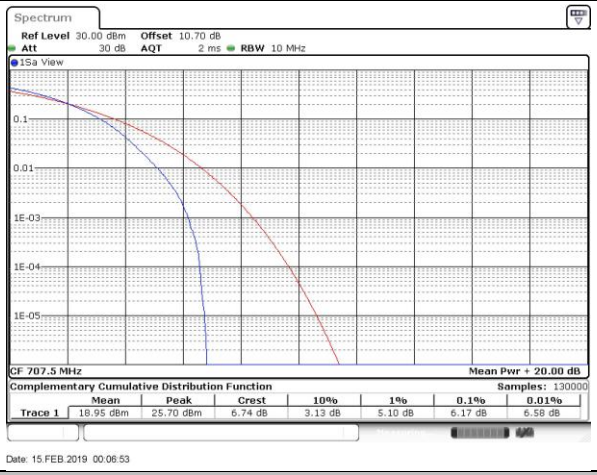
Lowest Channel / 1RB

Lowest Channel / Full RB

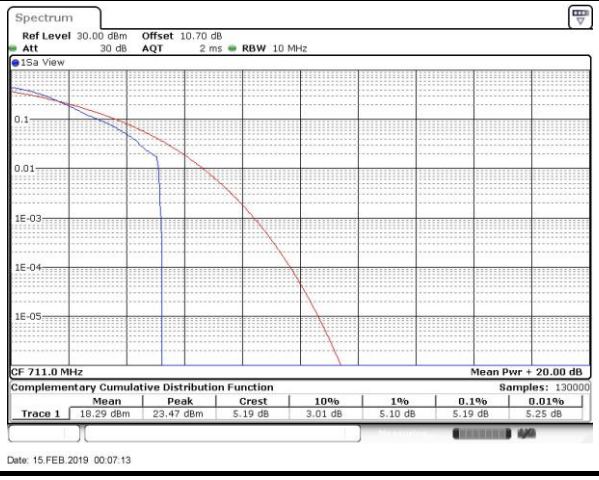
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



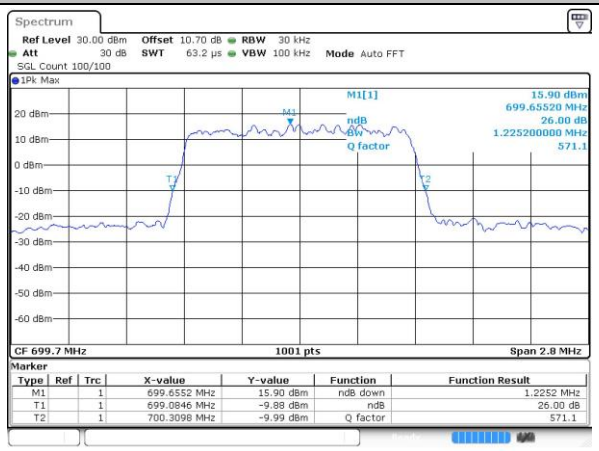
Highest Channel / Full RB

26dB Bandwidth

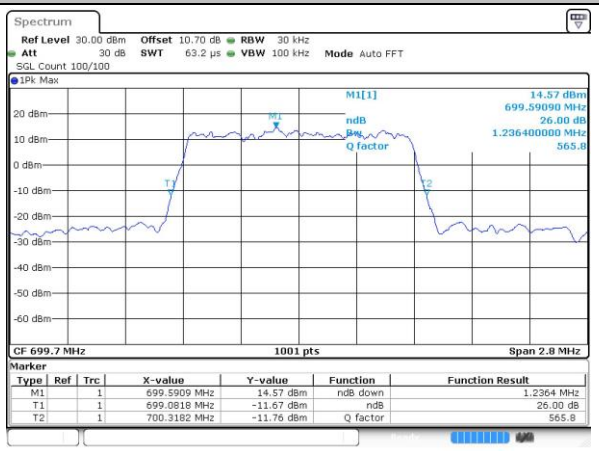
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.24	3.03	2.99	4.90	4.86	9.65	9.77	-	-	-	-
Middle CH	1.23	1.21	2.98	3.03	4.91	4.87	9.89	9.77	-	-	-	-
Highest CH	1.23	1.22	3.02	3.03	5.00	4.90	9.75	9.81	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.21	-	3.00	-	4.93	-	9.71	-	-	-	-	-
Middle CH	1.23	-	3.03	-	4.91	-	9.69	-	-	-	-	-
Highest CH	1.23	-	3.05	-	4.92	-	9.81	-	-	-	-	-

LTE Band 12

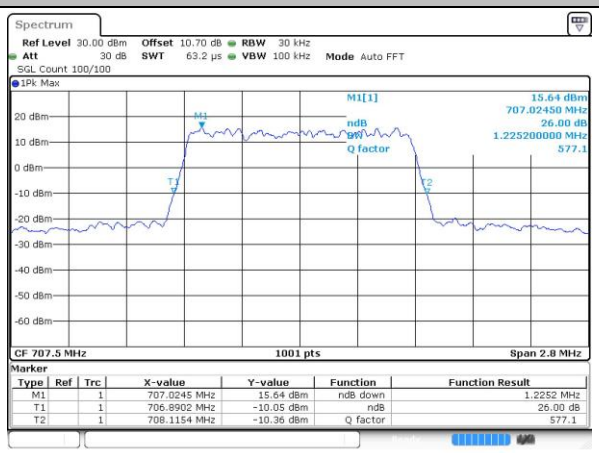
Lowest Channel / 1.4MHz / QPSK



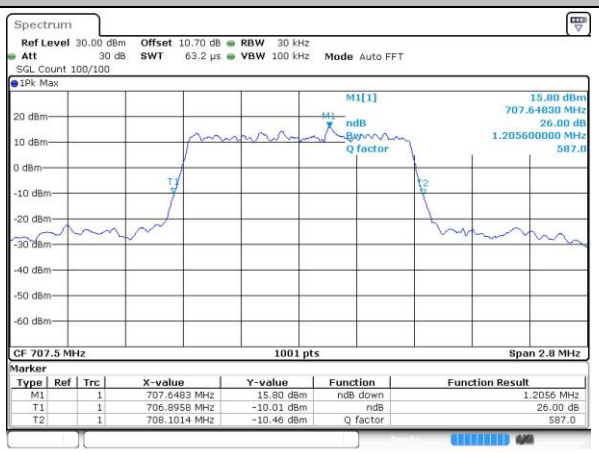
Lowest Channel / 1.4MHz / 16QAM



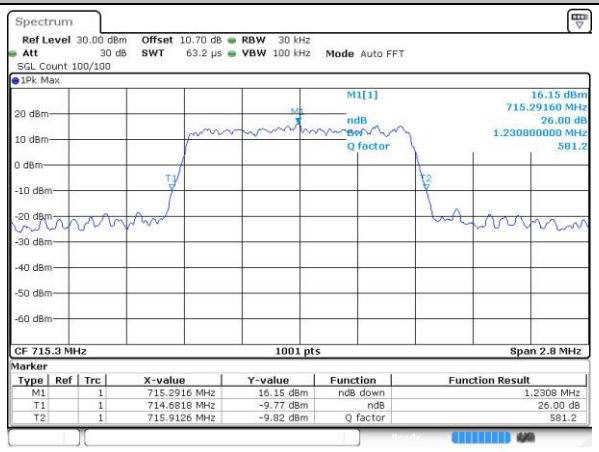
Middle Channel / 1.4MHz / QPSK



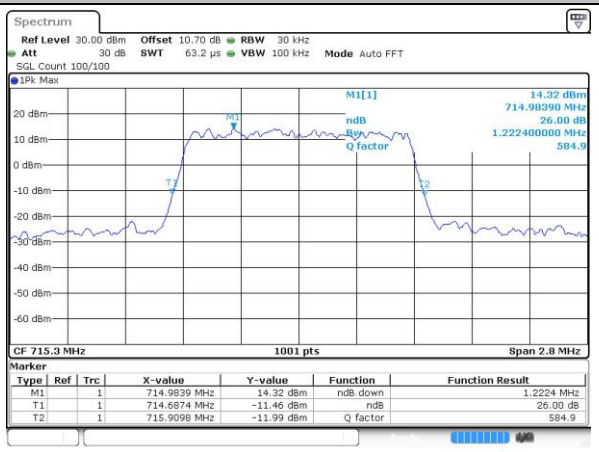
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

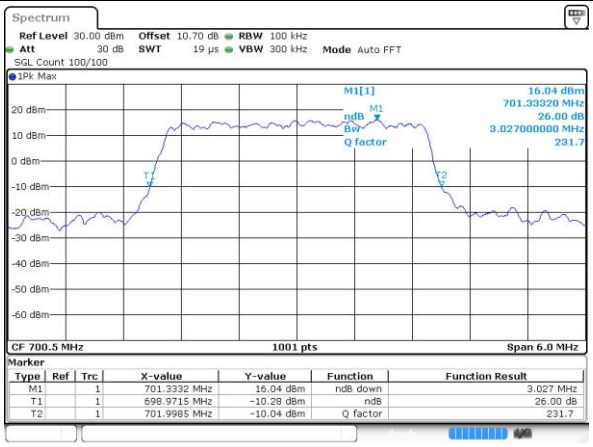


Highest Channel / 1.4MHz / 16QAM

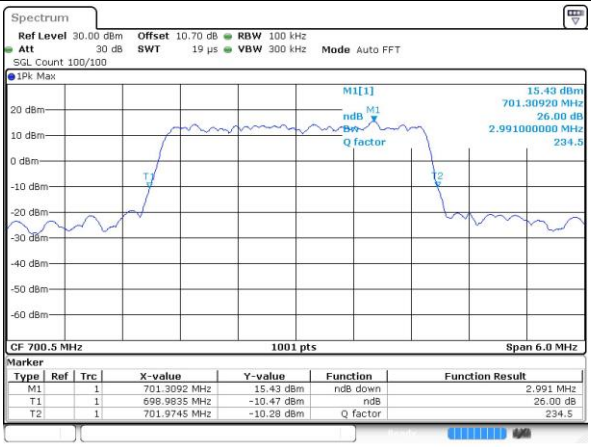


LTE Band 12

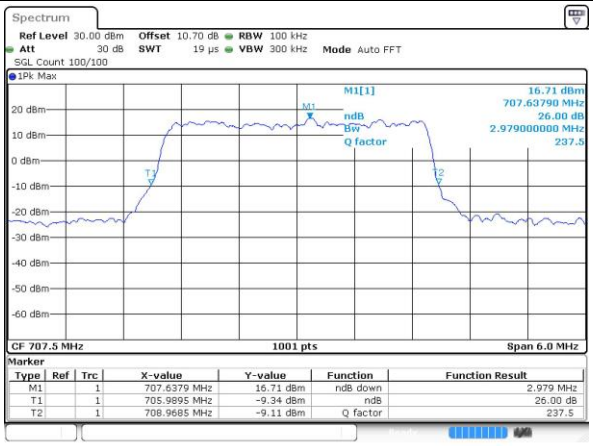
Lowest Channel / 3MHz / QPSK



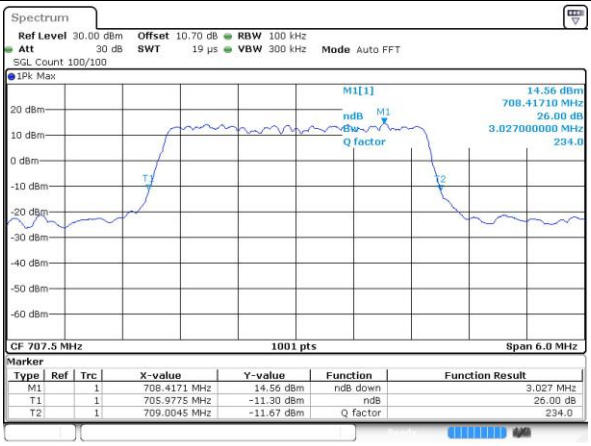
Lowest Channel / 3MHz / 16QAM



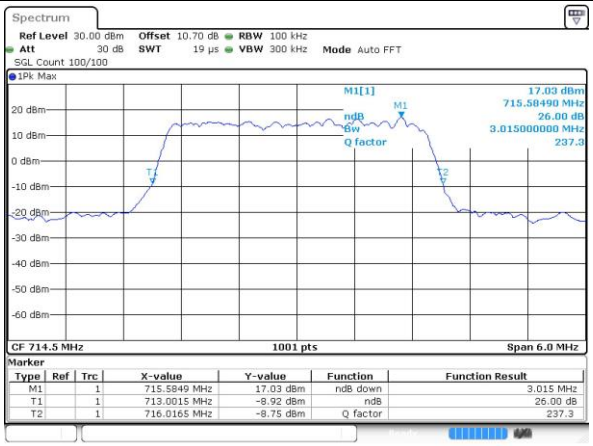
Middle Channel / 3MHz / QPSK



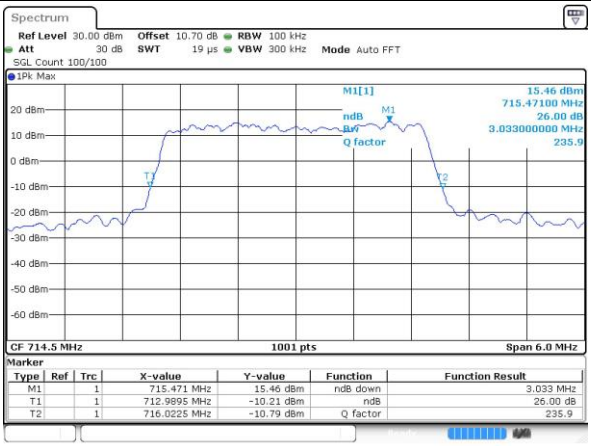
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

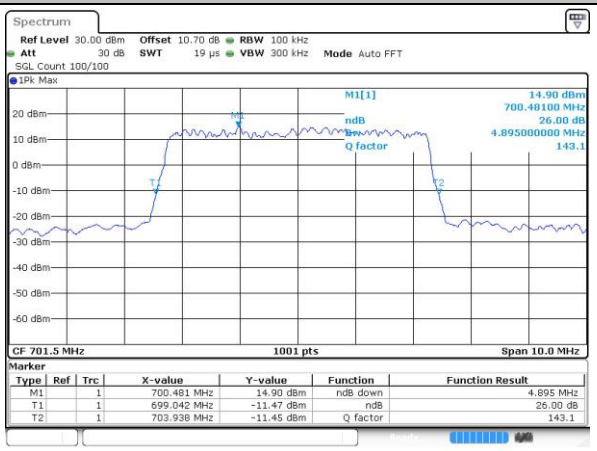


Highest Channel / 3MHz / 16QAM

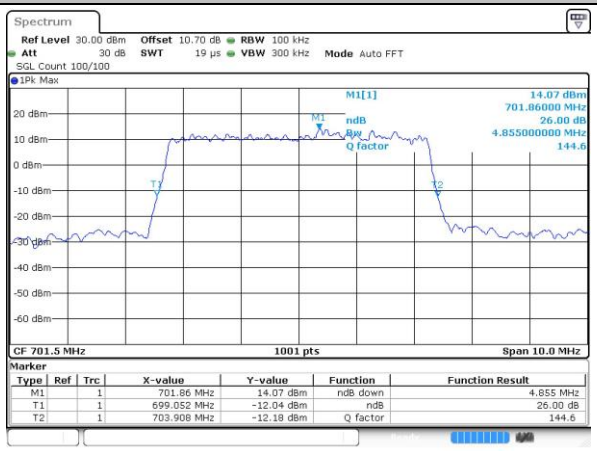


LTE Band 12

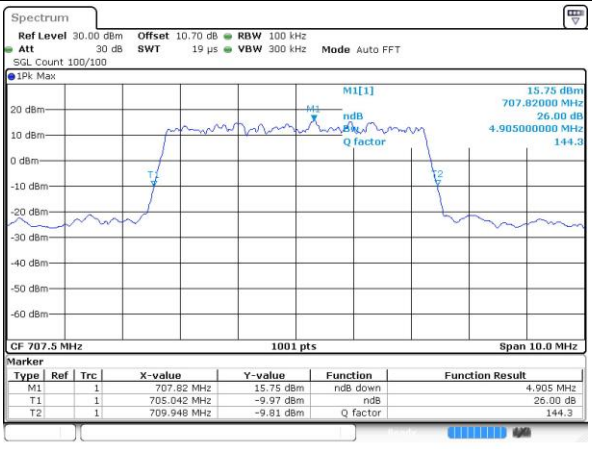
Lowest Channel / 5MHz / QPSK



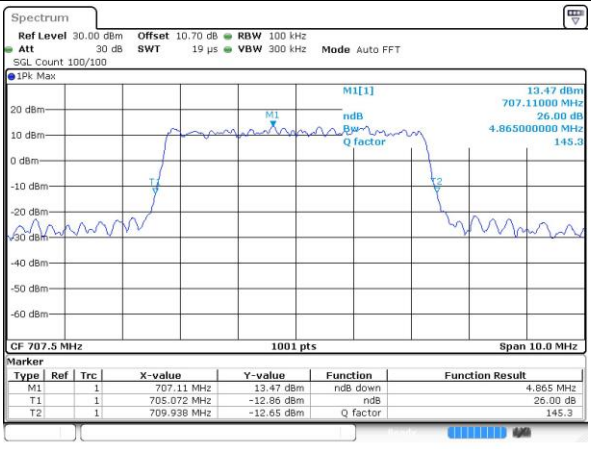
Lowest Channel / 5MHz / 16QAM



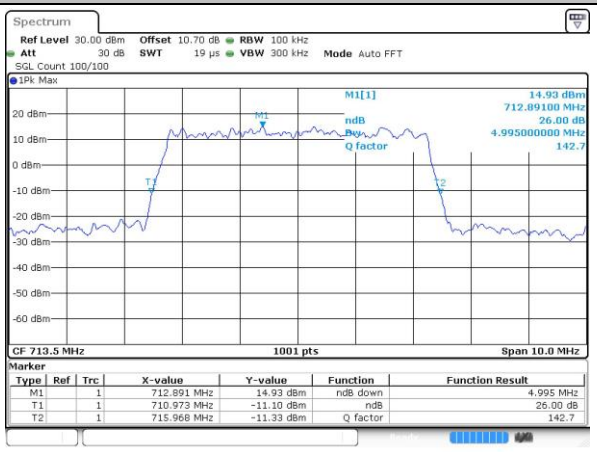
Middle Channel / 5MHz / QPSK



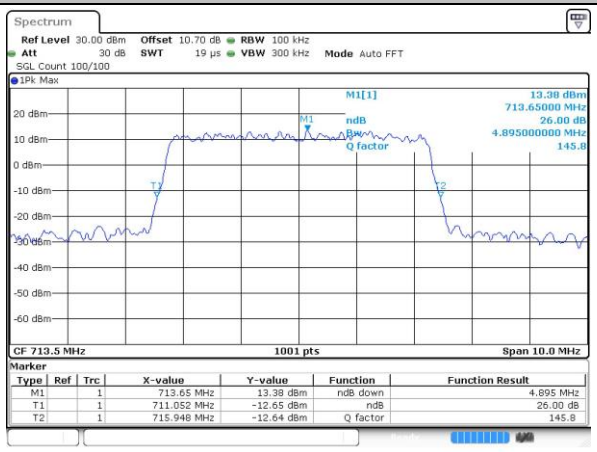
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

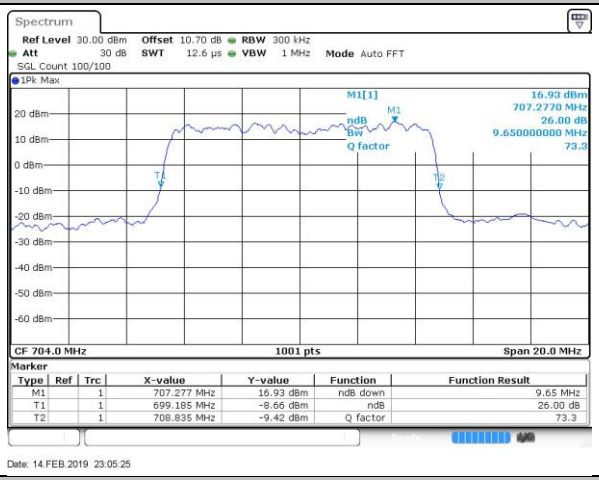


Highest Channel / 5MHz / 16QAM

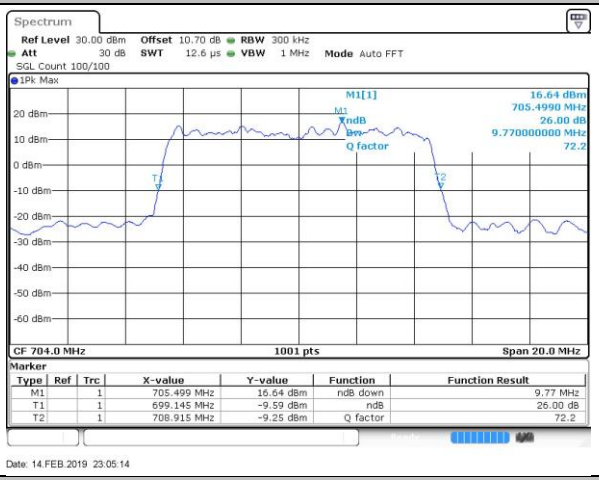


LTE Band 12

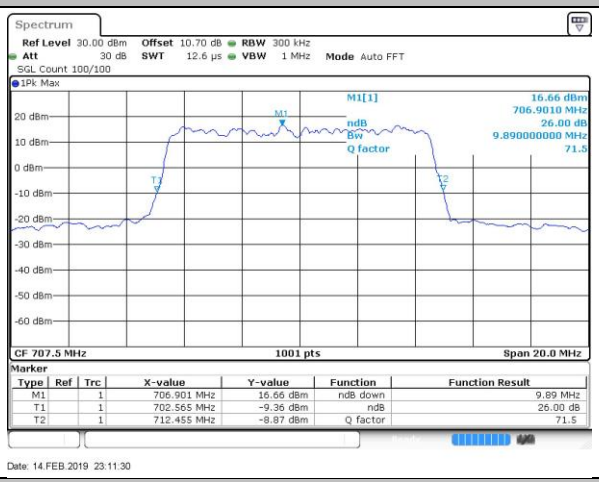
Lowest Channel / 10MHz / QPSK



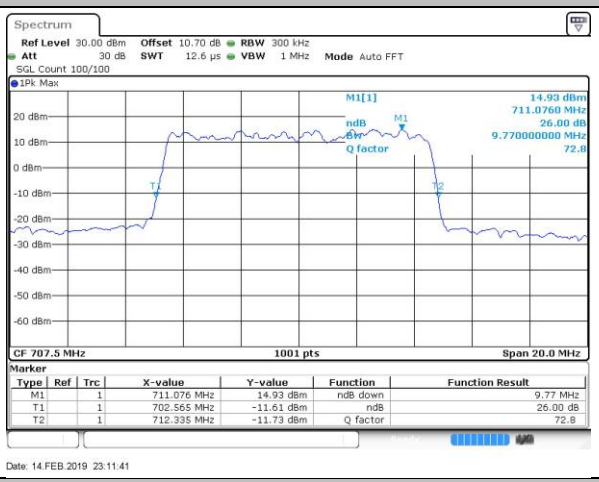
Lowest Channel / 10MHz / 16QAM



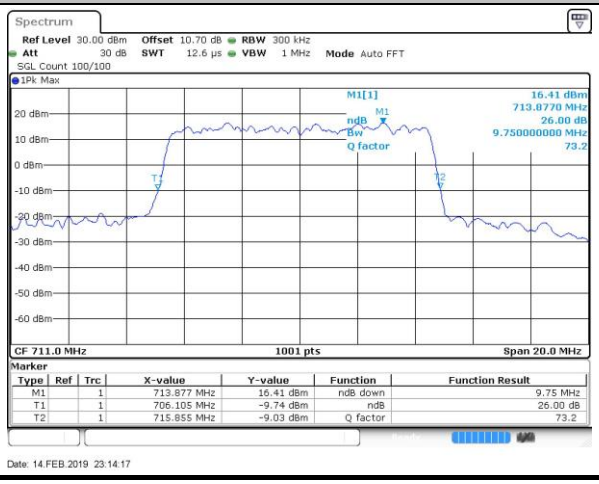
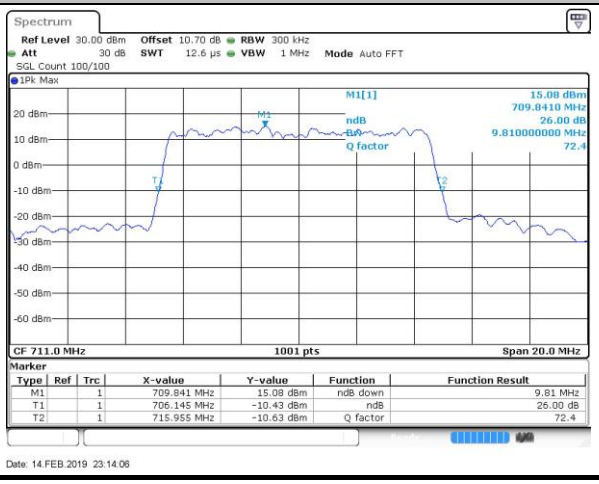
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM