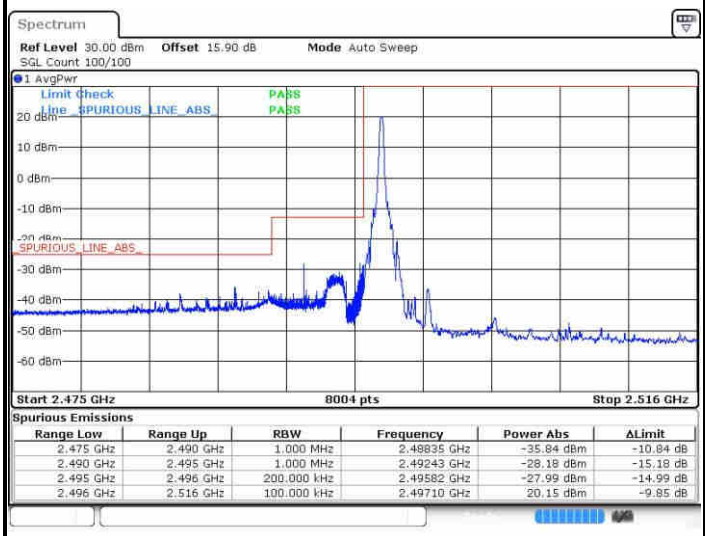
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

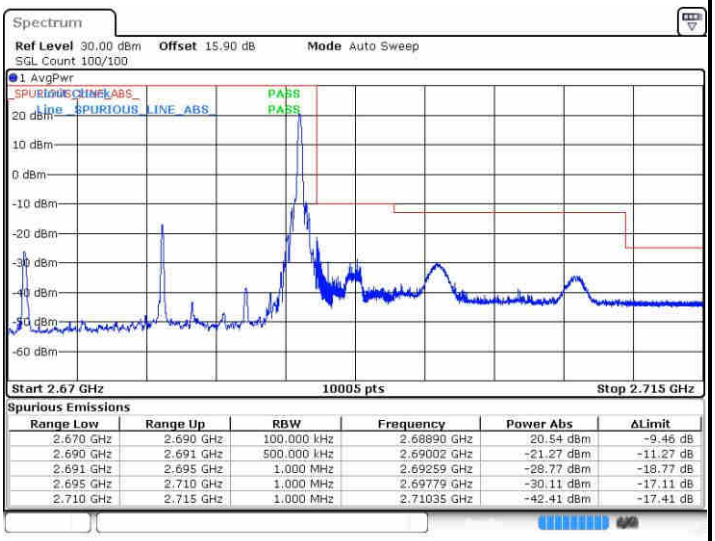


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48835 GHz	-35.84 dBm	-10.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49243 GHz	-28.18 dBm	-15.18 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49582 GHz	-27.99 dBm	-14.99 dB
2.496 GHz	2.516 GHz	100.000 kHz	2.49710 GHz	20.15 dBm	-9.85 dB

Date: 8.APR.2019 12:04:28

Highest Band Edge / 1 RB

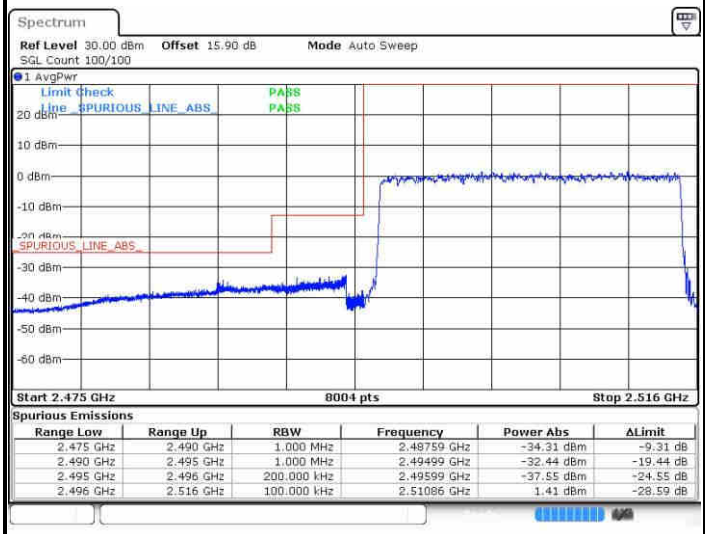


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.670 GHz	2.690 GHz	100.000 kHz	2.68890 GHz	20.54 dBm	-9.46 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69002 GHz	-21.27 dBm	-11.27 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69259 GHz	-28.77 dBm	-18.77 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69779 GHz	-30.11 dBm	-17.11 dB
2.710 GHz	2.715 GHz	1.000 MHz	2.71035 GHz	-42.41 dBm	-17.41 dB

Date: 8.APR.2019 12:05:41

Lowest Band Edge / Full RB

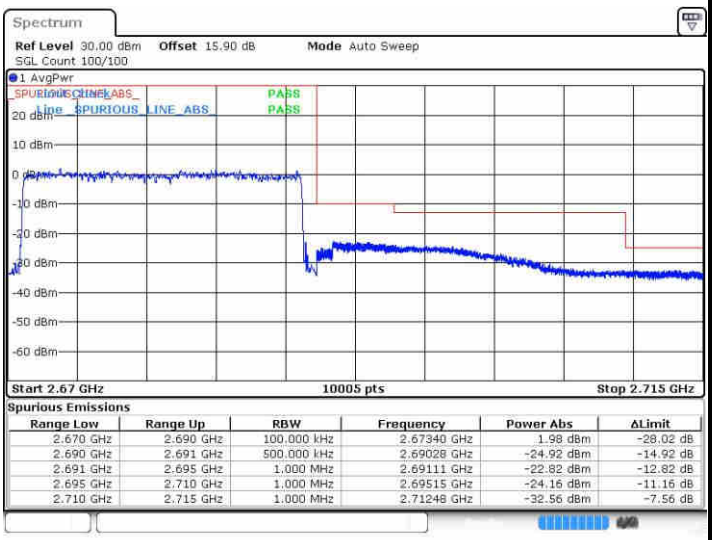


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48759 GHz	-34.31 dBm	-9.31 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-32.44 dBm	-19.44 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49599 GHz	-37.55 dBm	-24.55 dB
2.496 GHz	2.516 GHz	100.000 kHz	2.51086 GHz	1.41 dBm	-28.59 dB

Date: 8.APR.2019 12:05:04

Highest Band Edge / Full RB



Spurious Emissions

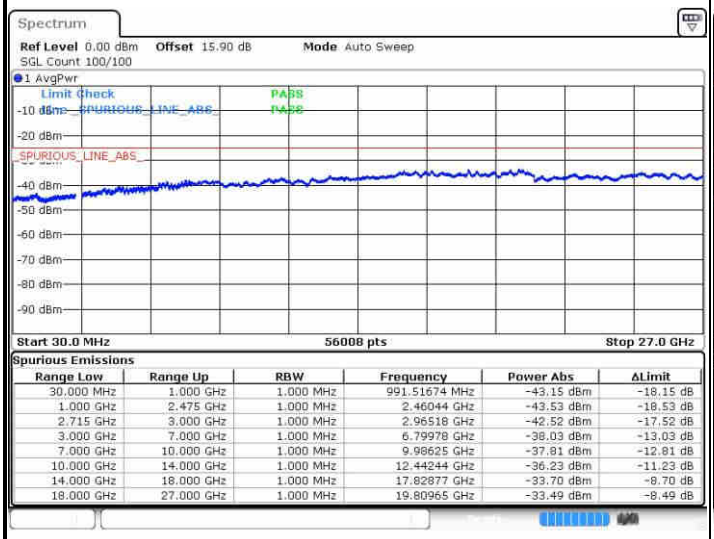
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.670 GHz	2.690 GHz	100.000 kHz	2.67340 GHz	1.98 dBm	-28.02 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69028 GHz	-24.92 dBm	-14.92 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69111 GHz	-22.82 dBm	-12.82 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69515 GHz	-24.16 dBm	-11.16 dB
2.710 GHz	2.715 GHz	1.000 MHz	2.71248 GHz	-32.56 dBm	-7.56 dB

Date: 8.APR.2019 12:06:17

Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

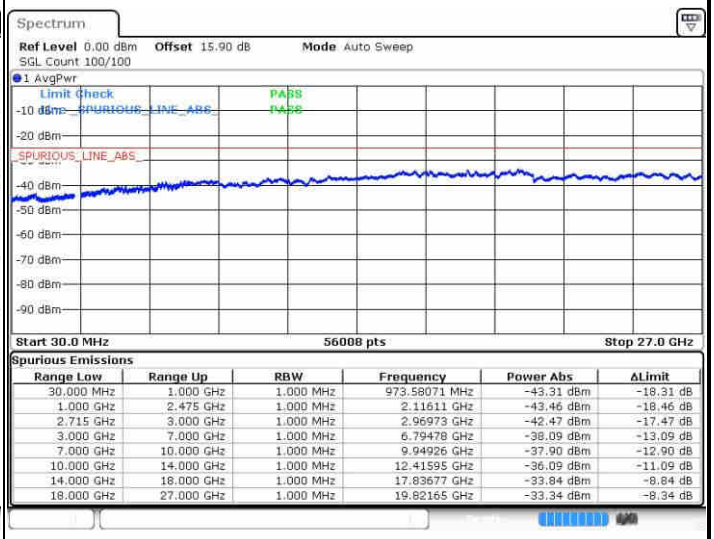


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-43.15 dBm	-18.15 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46044 GHz	-43.53 dBm	-18.53 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.96518 GHz	-42.52 dBm	-17.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79978 GHz	-38.03 dBm	-13.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98625 GHz	-37.81 dBm	-12.81 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44244 GHz	-36.23 dBm	-11.23 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.82877 GHz	-33.70 dBm	-8.70 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80965 GHz	-33.49 dBm	-8.49 dB

Date: 8.APR.2019 12:16:16

Lowest Channel / 16QAM

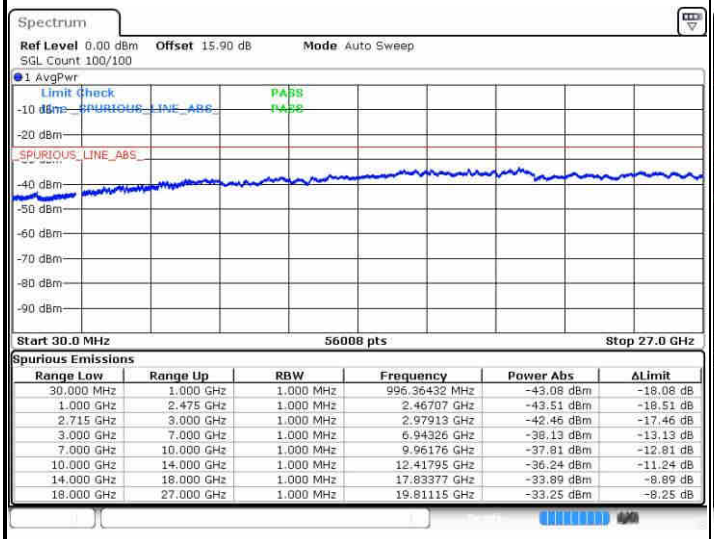


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-43.31 dBm	-18.31 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.11611 GHz	-43.46 dBm	-18.46 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.96973 GHz	-42.47 dBm	-17.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79478 GHz	-38.09 dBm	-13.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-37.90 dBm	-12.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41595 GHz	-36.09 dBm	-11.09 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83677 GHz	-33.84 dBm	-8.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82165 GHz	-33.34 dBm	-8.34 dB

Date: 8.APR.2019 12:17:02

Middle Channel / QPSK

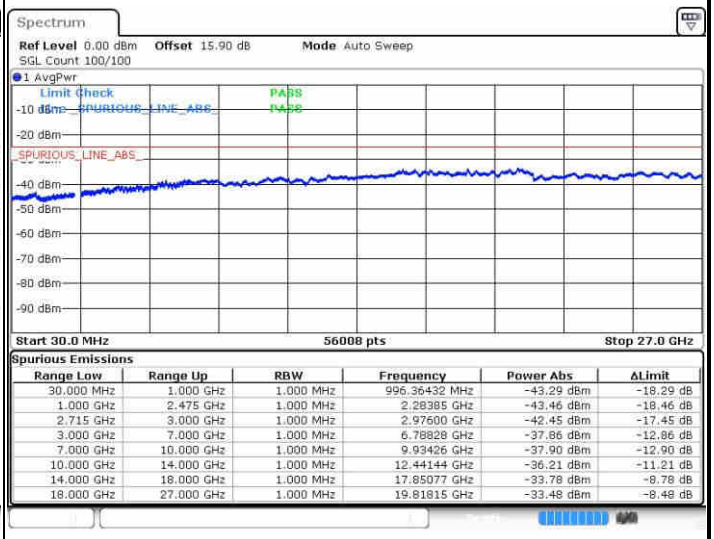


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-43.08 dBm	-18.08 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46707 GHz	-43.51 dBm	-18.51 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97913 GHz	-42.46 dBm	-17.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94326 GHz	-38.13 dBm	-13.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96176 GHz	-37.81 dBm	-12.81 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41795 GHz	-36.24 dBm	-11.24 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83377 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81115 GHz	-33.25 dBm	-8.25 dB

Date: 8.APR.2019 12:17:47

Middle Channel / 16QAM



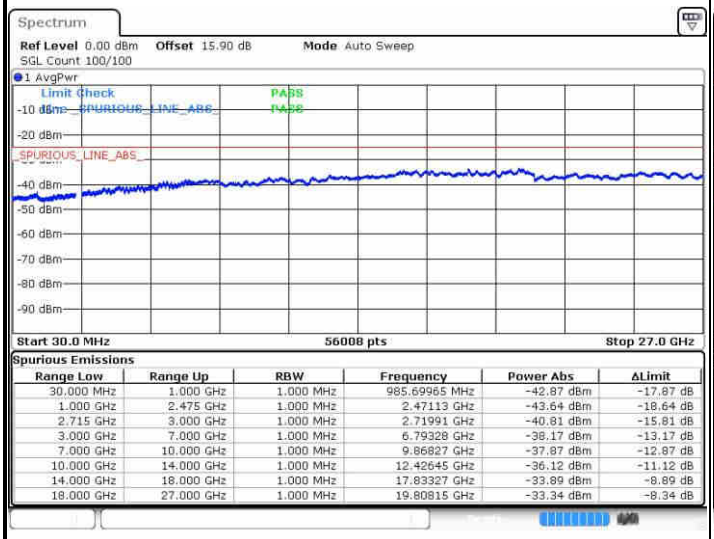
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-43.29 dBm	-18.29 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.28385 GHz	-43.46 dBm	-18.46 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97600 GHz	-42.45 dBm	-17.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78828 GHz	-37.86 dBm	-12.86 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93426 GHz	-37.90 dBm	-12.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44144 GHz	-36.21 dBm	-11.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85077 GHz	-33.78 dBm	-8.78 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81815 GHz	-33.48 dBm	-8.48 dB

Date: 8.APR.2019 12:18:32

LTE Band 41 / 5MHz

Highest Channel / QPSK

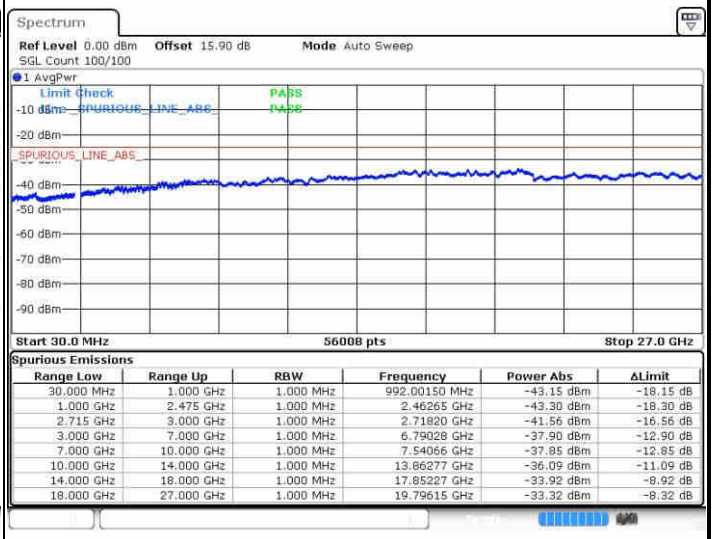


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-42.87 dBm	-17.87 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-43.64 dBm	-18.64 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71991 GHz	-40.81 dBm	-15.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79328 GHz	-38.17 dBm	-13.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.86827 GHz	-37.87 dBm	-12.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42645 GHz	-36.12 dBm	-11.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83327 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80815 GHz	-33.34 dBm	-8.34 dB

Date: 8.APR.2019 12:19:18

Highest Channel / 16QAM



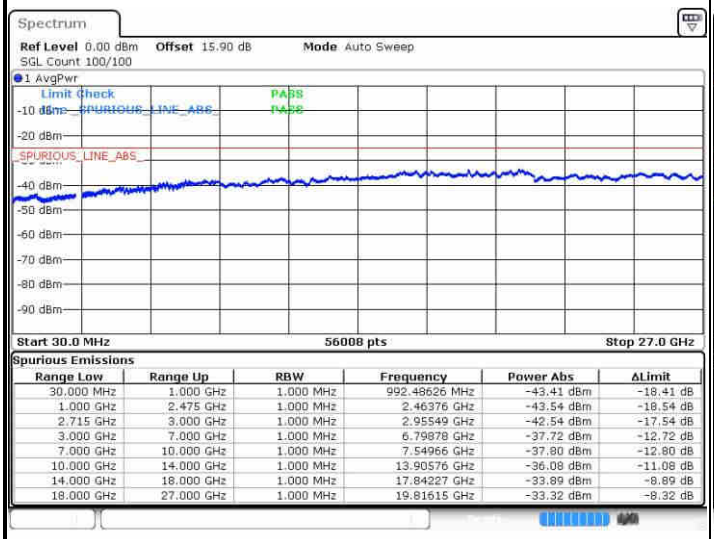
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-43.15 dBm	-18.15 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46265 GHz	-43.30 dBm	-18.30 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71820 GHz	-41.56 dBm	-16.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79028 GHz	-37.90 dBm	-12.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54066 GHz	-37.85 dBm	-12.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.86277 GHz	-36.09 dBm	-11.09 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85227 GHz	-33.92 dBm	-8.92 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79615 GHz	-33.32 dBm	-8.32 dB

Date: 8.APR.2019 12:20:03

LTE Band 41 / 10MHz

Lowest Channel / QPSK

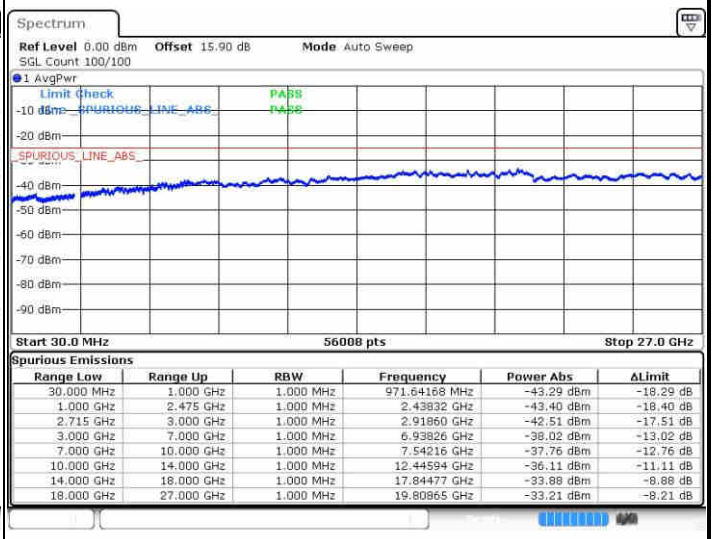


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-43.41 dBm	-18.41 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46376 GHz	-43.54 dBm	-18.54 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95549 GHz	-42.54 dBm	-17.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-37.72 dBm	-12.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54966 GHz	-37.80 dBm	-12.80 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90576 GHz	-36.08 dBm	-11.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84227 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81615 GHz	-33.32 dBm	-8.32 dB

Date: 8.APR.2019 12:20:50

Lowest Channel / 16QAM



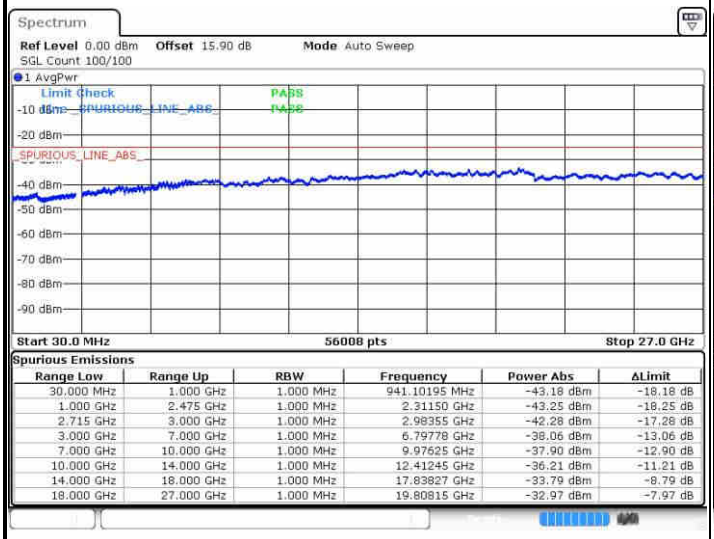
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-43.29 dBm	-18.29 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43832 GHz	-43.40 dBm	-18.40 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.91860 GHz	-42.51 dBm	-17.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-38.02 dBm	-13.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54216 GHz	-37.76 dBm	-12.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44594 GHz	-36.11 dBm	-11.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84477 GHz	-33.88 dBm	-8.88 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80865 GHz	-33.21 dBm	-8.21 dB

Date: 8.APR.2019 12:21:36

LTE Band 41 / 10MHz

Middle Channel / QPSK

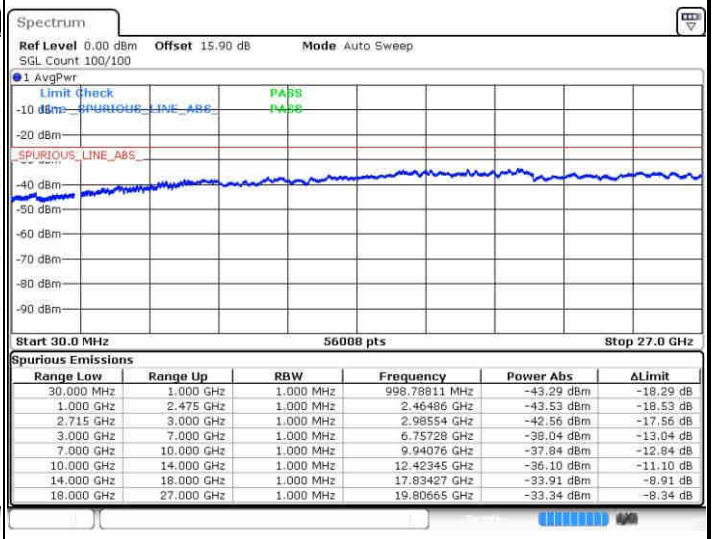


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-43.18 dBm	-18.18 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.31150 GHz	-43.25 dBm	-18.25 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.98355 GHz	-42.28 dBm	-17.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79778 GHz	-38.06 dBm	-13.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97625 GHz	-37.90 dBm	-12.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41245 GHz	-36.21 dBm	-11.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83827 GHz	-33.79 dBm	-8.79 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80815 GHz	-32.97 dBm	-7.97 dB

Date: 8.APR.2019 12:22:22

Middle Channel / 16QAM

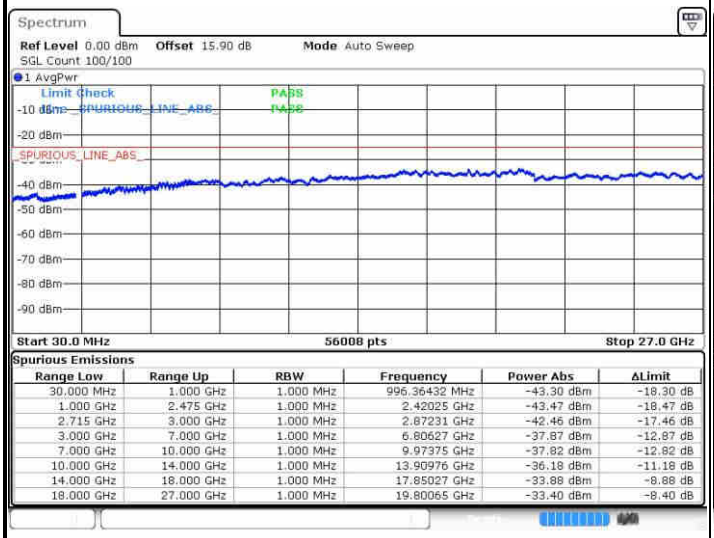


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-43.29 dBm	-18.29 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46486 GHz	-43.53 dBm	-18.53 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.98554 GHz	-42.56 dBm	-17.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75728 GHz	-38.04 dBm	-13.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94076 GHz	-37.84 dBm	-12.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42345 GHz	-36.10 dBm	-11.10 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83427 GHz	-33.91 dBm	-8.91 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80665 GHz	-33.34 dBm	-8.34 dB

Date: 8.APR.2019 12:23:07

Highest Channel / QPSK

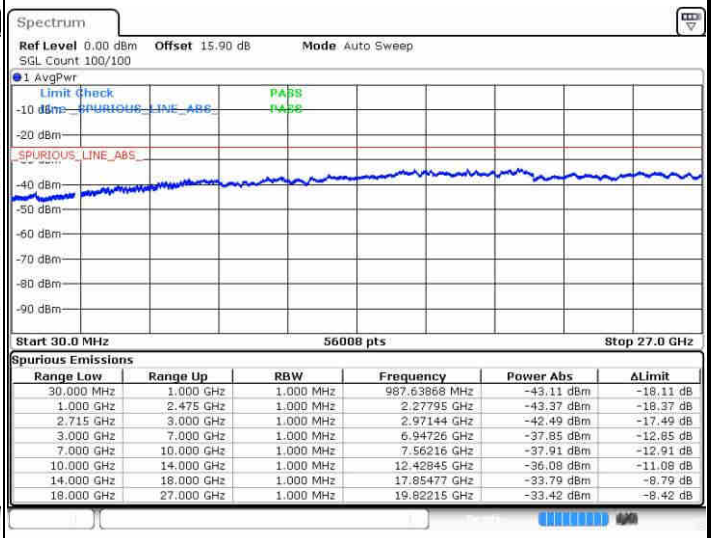


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-43.30 dBm	-18.30 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.42025 GHz	-43.47 dBm	-18.47 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.87231 GHz	-42.46 dBm	-17.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80627 GHz	-37.87 dBm	-12.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97375 GHz	-37.82 dBm	-12.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90976 GHz	-36.18 dBm	-11.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85027 GHz	-33.88 dBm	-8.88 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80065 GHz	-33.40 dBm	-8.40 dB

Date: 8.APR.2019 12:23:52

Highest Channel / 16QAM



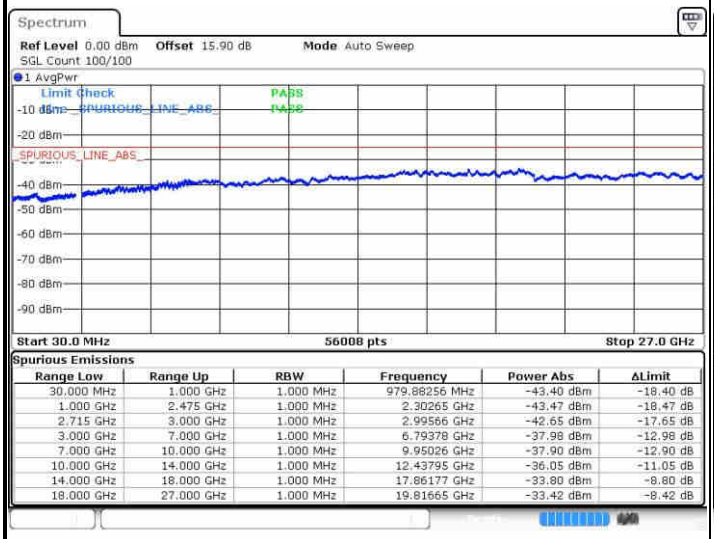
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-43.11 dBm	-18.11 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.27795 GHz	-43.37 dBm	-18.37 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97144 GHz	-42.49 dBm	-17.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94726 GHz	-37.85 dBm	-12.85 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.56216 GHz	-37.91 dBm	-12.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42845 GHz	-36.08 dBm	-11.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85477 GHz	-33.79 dBm	-8.79 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82215 GHz	-33.42 dBm	-8.42 dB

Date: 8.APR.2019 12:24:38

LTE Band 41 / 15MHz

Lowest Channel / QPSK

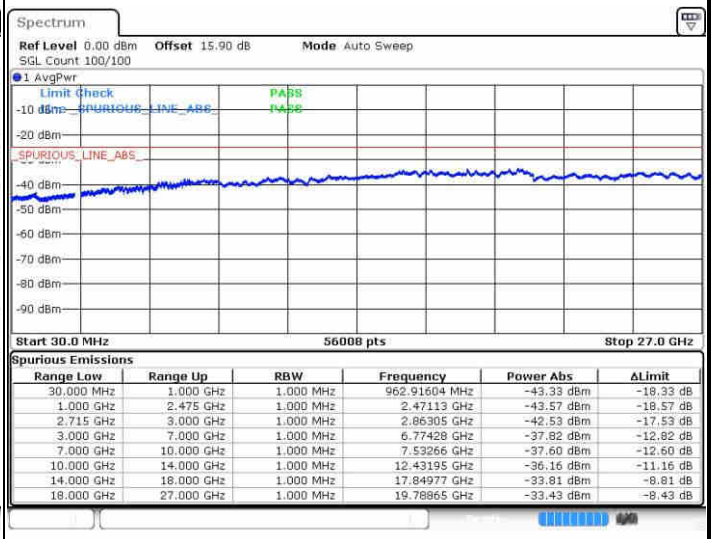


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-43.40 dBm	-18.40 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.30265 GHz	-43.47 dBm	-18.47 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99566 GHz	-42.65 dBm	-17.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79378 GHz	-37.98 dBm	-12.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95026 GHz	-37.90 dBm	-12.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43795 GHz	-36.05 dBm	-11.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86177 GHz	-33.80 dBm	-8.80 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81665 GHz	-33.42 dBm	-8.42 dB

Date: 8.APR.2019 12:25:25

Lowest Channel / 16QAM

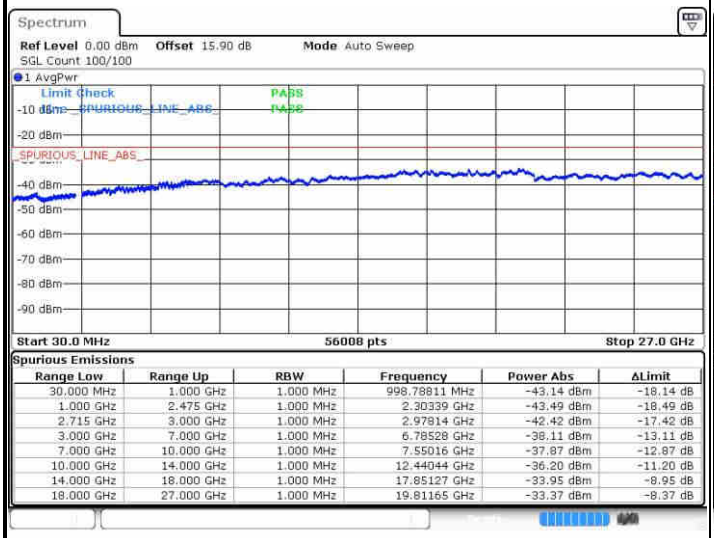


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-43.33 dBm	-18.33 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-43.57 dBm	-18.57 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.86305 GHz	-42.53 dBm	-17.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77428 GHz	-37.82 dBm	-12.82 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.53266 GHz	-37.60 dBm	-12.60 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43195 GHz	-36.16 dBm	-11.16 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84977 GHz	-33.81 dBm	-8.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.78865 GHz	-33.43 dBm	-8.43 dB

Date: 8.APR.2019 12:26:11

Middle Channel / QPSK

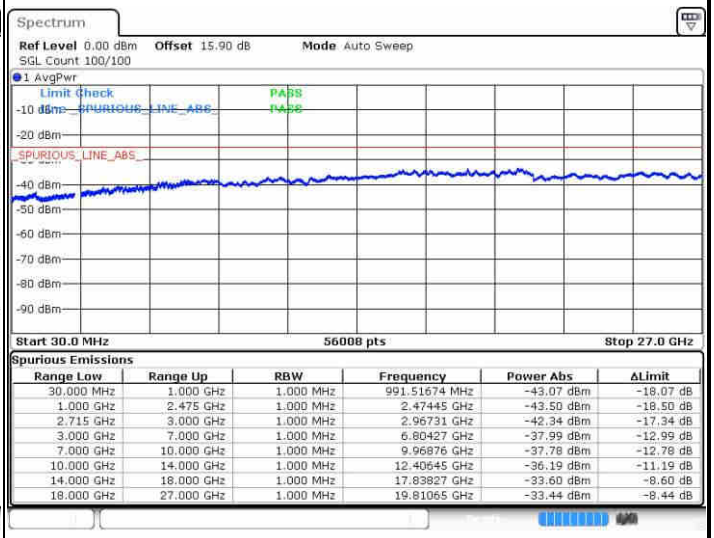


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-43.14 dBm	-18.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.30339 GHz	-43.49 dBm	-18.49 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97814 GHz	-42.42 dBm	-17.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78528 GHz	-38.11 dBm	-13.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.55016 GHz	-37.87 dBm	-12.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44044 GHz	-36.20 dBm	-11.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85127 GHz	-33.95 dBm	-8.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81165 GHz	-33.37 dBm	-8.37 dB

Date: 8.APR.2019 12:26:56

Middle Channel / 16QAM



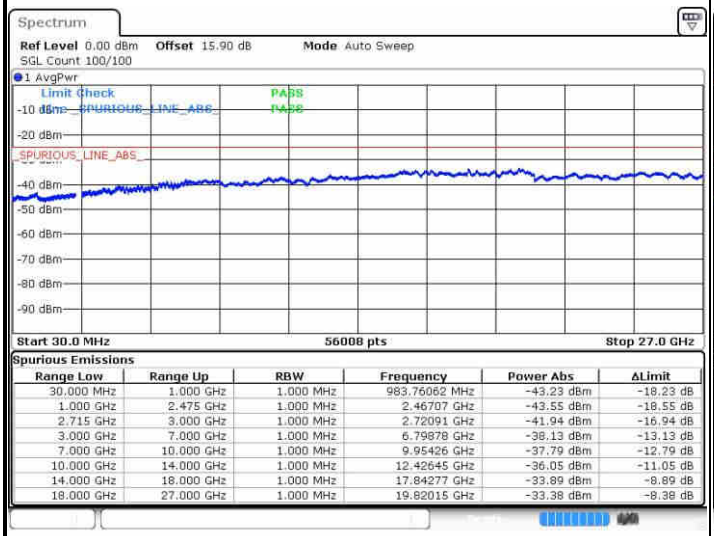
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-43.07 dBm	-18.07 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-43.50 dBm	-18.50 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.96731 GHz	-42.34 dBm	-17.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80427 GHz	-37.99 dBm	-12.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96876 GHz	-37.78 dBm	-12.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40645 GHz	-36.19 dBm	-11.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83827 GHz	-33.60 dBm	-8.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81065 GHz	-33.44 dBm	-8.44 dB

Date: 8.APR.2019 12:27:41

LTE Band 41 / 15MHz

Highest Channel / QPSK

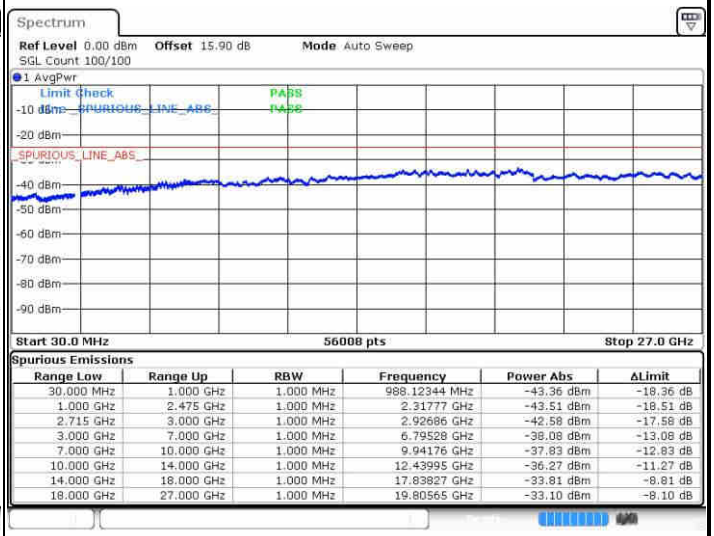


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-43.23 dBm	-18.23 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46707 GHz	-43.55 dBm	-18.55 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.72091 GHz	-41.94 dBm	-16.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-38.13 dBm	-13.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95426 GHz	-37.79 dBm	-12.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42645 GHz	-36.05 dBm	-11.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84277 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82015 GHz	-33.38 dBm	-8.38 dB

Date: 8.APR.2019 12:28:27

Highest Channel / 16QAM



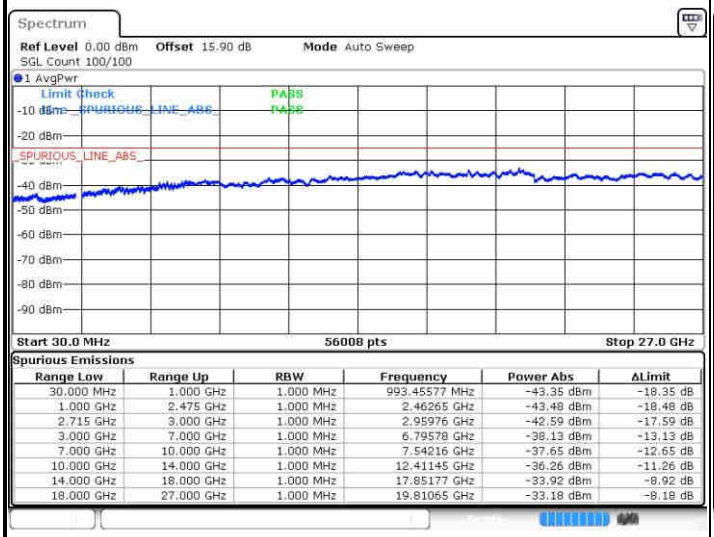
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-43.36 dBm	-18.36 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.31777 GHz	-43.51 dBm	-18.51 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.92686 GHz	-42.58 dBm	-17.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79528 GHz	-38.08 dBm	-13.08 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94176 GHz	-37.83 dBm	-12.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43995 GHz	-36.27 dBm	-11.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83827 GHz	-33.81 dBm	-8.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80565 GHz	-33.10 dBm	-8.10 dB

Date: 8.APR.2019 12:29:12

LTE Band 41 / 20MHz

Lowest Channel / QPSK

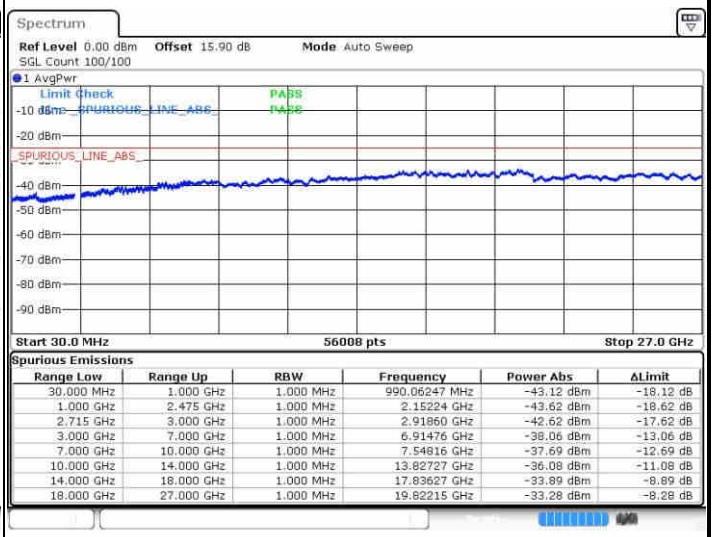


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-43.35 dBm	-18.35 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46265 GHz	-43.48 dBm	-18.48 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95976 GHz	-42.59 dBm	-17.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79578 GHz	-38.13 dBm	-13.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54216 GHz	-37.65 dBm	-12.65 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41145 GHz	-36.26 dBm	-11.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85177 GHz	-33.92 dBm	-8.92 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81065 GHz	-33.18 dBm	-8.18 dB

Date: 8.APR.2019 12:30:00

Lowest Channel / 16QAM



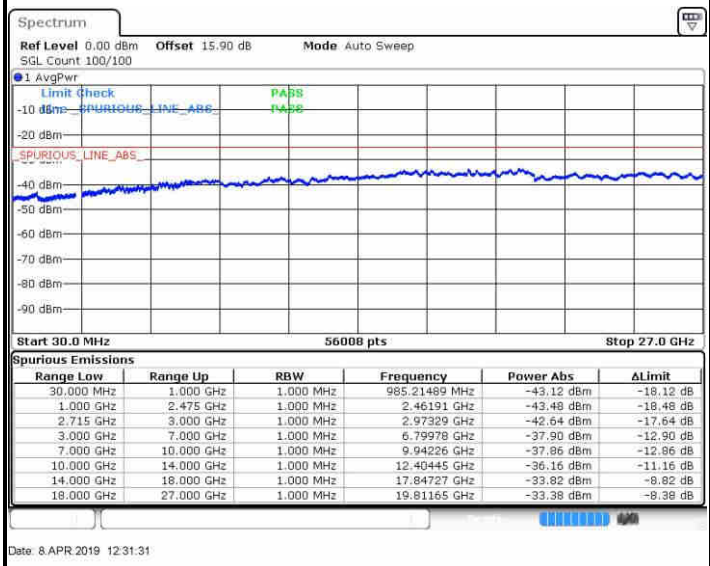
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-43.12 dBm	-18.12 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.15224 GHz	-43.62 dBm	-18.62 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.91860 GHz	-42.62 dBm	-17.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91476 GHz	-38.06 dBm	-13.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54816 GHz	-37.69 dBm	-12.69 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.82727 GHz	-36.08 dBm	-11.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83627 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82215 GHz	-33.28 dBm	-8.28 dB

Date: 8.APR.2019 12:30:46

LTE Band 41 / 20MHz

Middle Channel / QPSK

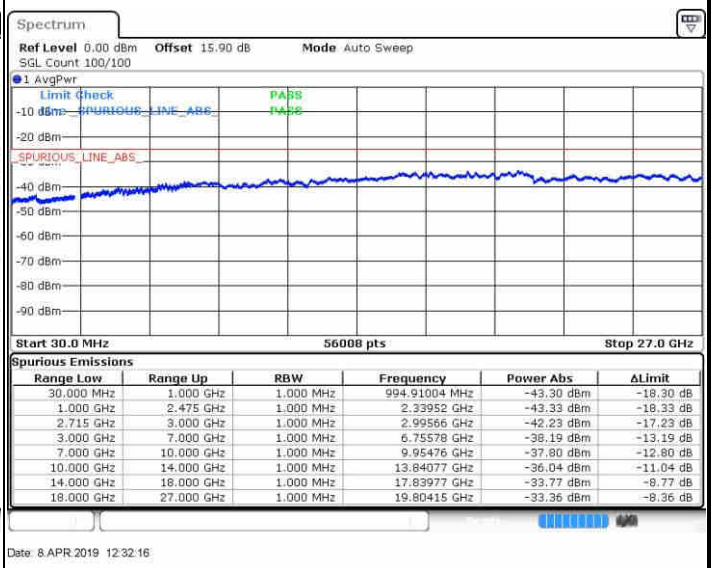


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-43.12 dBm	-18.12 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46191 GHz	-43.48 dBm	-18.48 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97329 GHz	-42.64 dBm	-17.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79978 GHz	-37.90 dBm	-12.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94226 GHz	-37.86 dBm	-12.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40445 GHz	-36.16 dBm	-11.16 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84727 GHz	-33.82 dBm	-8.82 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81165 GHz	-33.38 dBm	-8.38 dB

Date: 8.APR.2019 12:31:31

Middle Channel / 16QAM

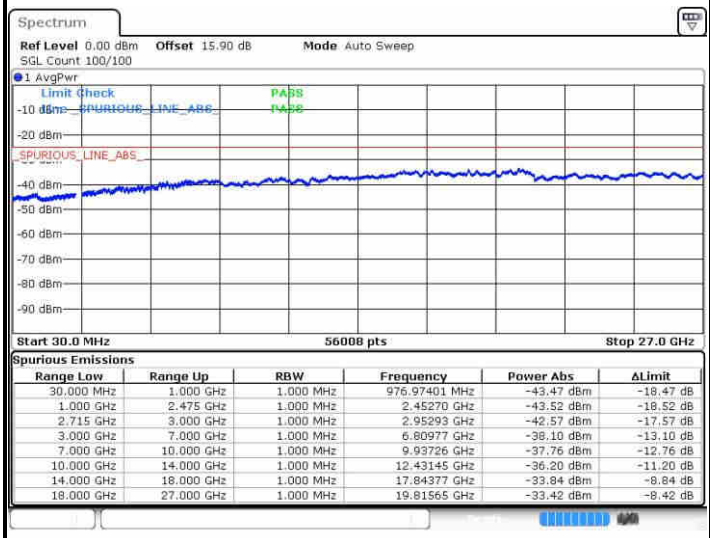


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-43.30 dBm	-18.30 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.33952 GHz	-43.33 dBm	-18.33 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99566 GHz	-42.23 dBm	-17.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75578 GHz	-38.19 dBm	-13.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95476 GHz	-37.80 dBm	-12.80 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.84077 GHz	-36.04 dBm	-11.04 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83977 GHz	-33.77 dBm	-8.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80415 GHz	-33.36 dBm	-8.36 dB

Date: 8.APR.2019 12:32:16

Highest Channel / QPSK

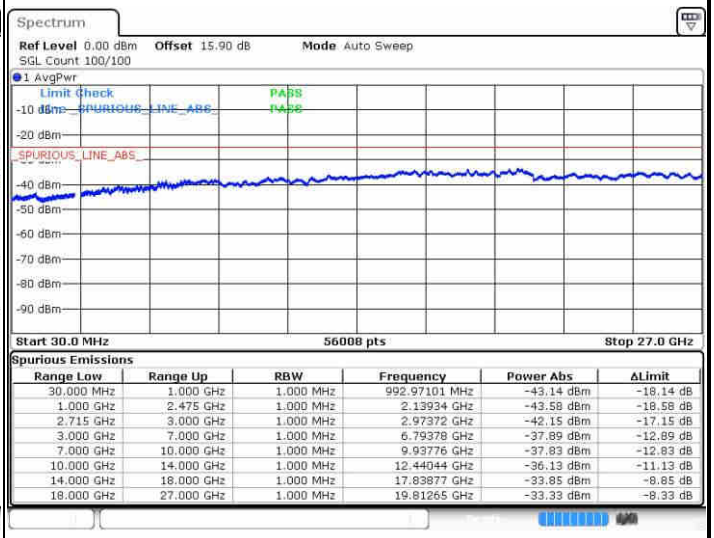


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-43.47 dBm	-18.47 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45270 GHz	-43.52 dBm	-18.52 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95293 GHz	-42.57 dBm	-17.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80977 GHz	-38.10 dBm	-13.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93726 GHz	-37.76 dBm	-12.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43145 GHz	-36.20 dBm	-11.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84377 GHz	-33.84 dBm	-8.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81565 GHz	-33.42 dBm	-8.42 dB

Date: 8.APR.2019 12:33:01

Highest Channel / 16QAM



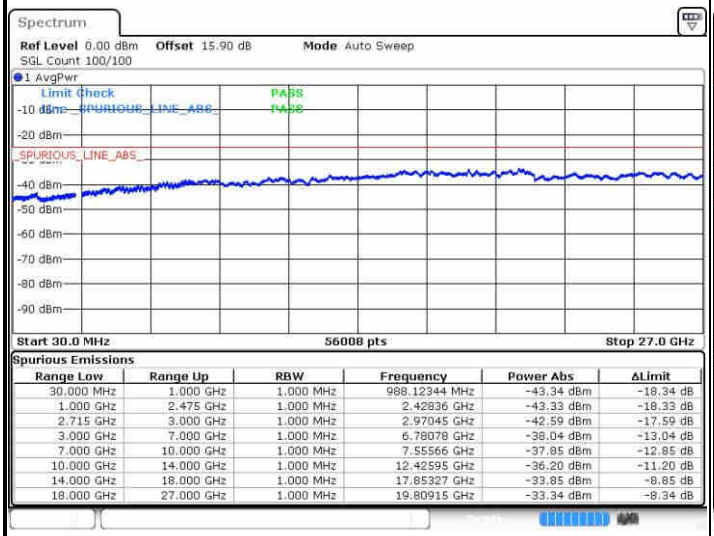
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-43.14 dBm	-18.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.13934 GHz	-43.58 dBm	-18.58 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97372 GHz	-42.15 dBm	-17.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79378 GHz	-37.89 dBm	-12.89 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93776 GHz	-37.83 dBm	-12.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44044 GHz	-36.13 dBm	-11.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83877 GHz	-33.85 dBm	-8.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81265 GHz	-33.33 dBm	-8.33 dB

Date: 8.APR.2019 12:33:47

LTE Band 41 / 5MHz

Lowest Channel / 64QAM

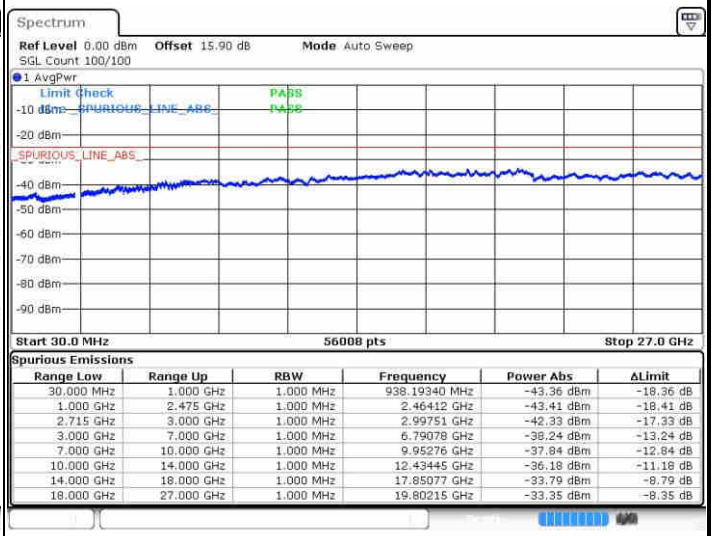


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-43.34 dBm	-18.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.42836 GHz	-43.33 dBm	-18.33 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97045 GHz	-42.59 dBm	-17.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78078 GHz	-38.04 dBm	-13.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.55566 GHz	-37.85 dBm	-12.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42595 GHz	-36.20 dBm	-11.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85327 GHz	-33.85 dBm	-8.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80915 GHz	-33.34 dBm	-8.34 dB

Date: 8.APR.2019 12:07:04

Middle Channel / 64QAM

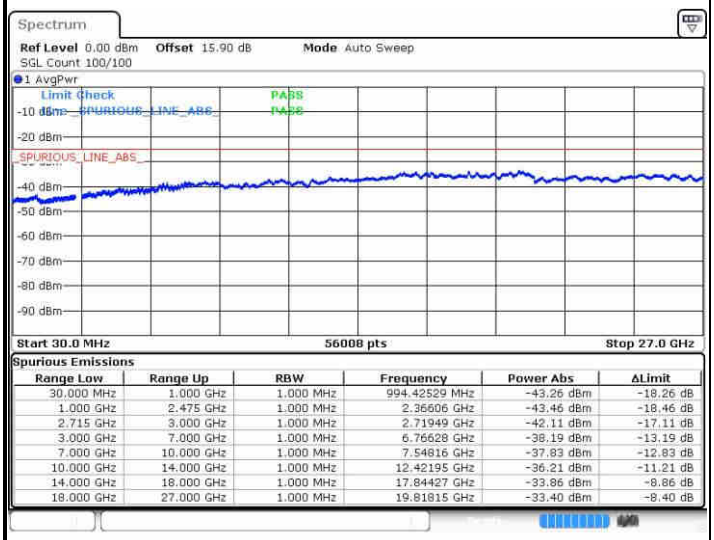


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-43.36 dBm	-18.36 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46412 GHz	-43.41 dBm	-18.41 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99751 GHz	-42.33 dBm	-17.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79078 GHz	-38.24 dBm	-13.24 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95276 GHz	-37.84 dBm	-12.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43445 GHz	-36.18 dBm	-11.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85077 GHz	-33.79 dBm	-8.79 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80215 GHz	-33.35 dBm	-8.35 dB

Date: 8.APR.2019 12:07:49

Highest Channel / 64QAM



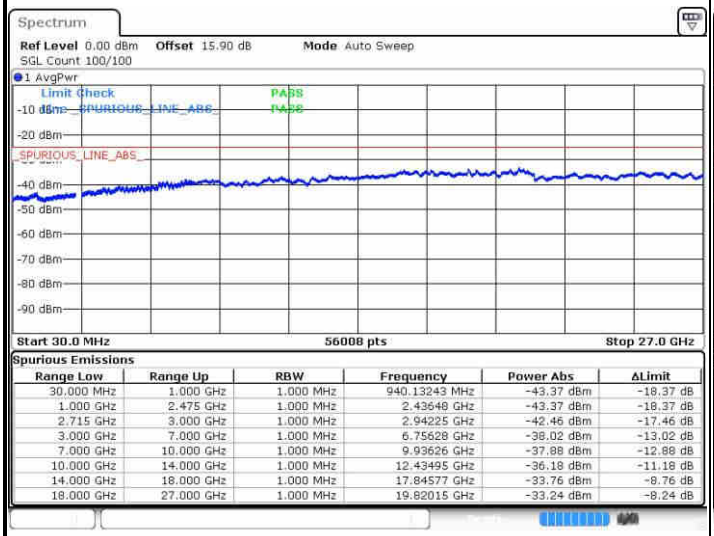
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-43.26 dBm	-18.26 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.36606 GHz	-43.46 dBm	-18.46 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71949 GHz	-42.11 dBm	-17.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76628 GHz	-38.19 dBm	-13.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54816 GHz	-37.83 dBm	-12.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42195 GHz	-36.21 dBm	-11.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84427 GHz	-33.86 dBm	-8.86 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81815 GHz	-33.40 dBm	-8.40 dB

Date: 8.APR.2019 12:08:35

LTE Band 41 / 10MHz

Lowest Channel / 64QAM

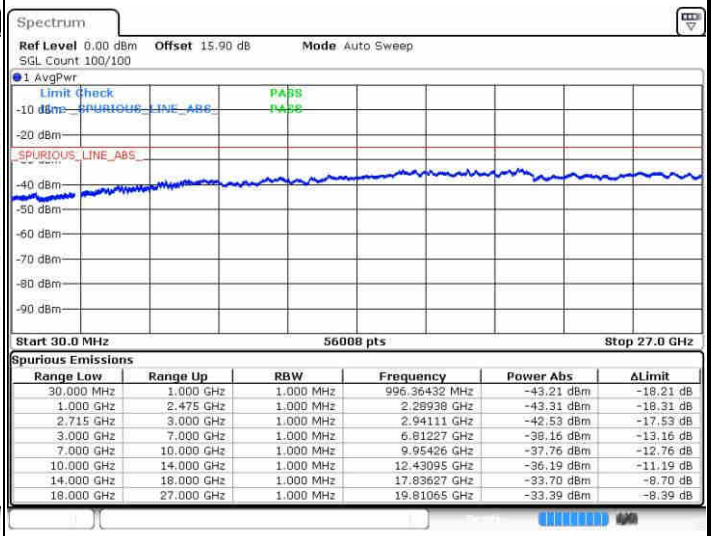


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-43.37 dBm	-18.37 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43648 GHz	-43.37 dBm	-18.37 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.94225 GHz	-42.46 dBm	-17.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75628 GHz	-38.02 dBm	-13.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93626 GHz	-37.88 dBm	-12.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43495 GHz	-36.18 dBm	-11.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84577 GHz	-33.76 dBm	-8.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82015 GHz	-33.24 dBm	-8.24 dB

Date: 8.APR.2019 12:09:22

Middle Channel / 64QAM

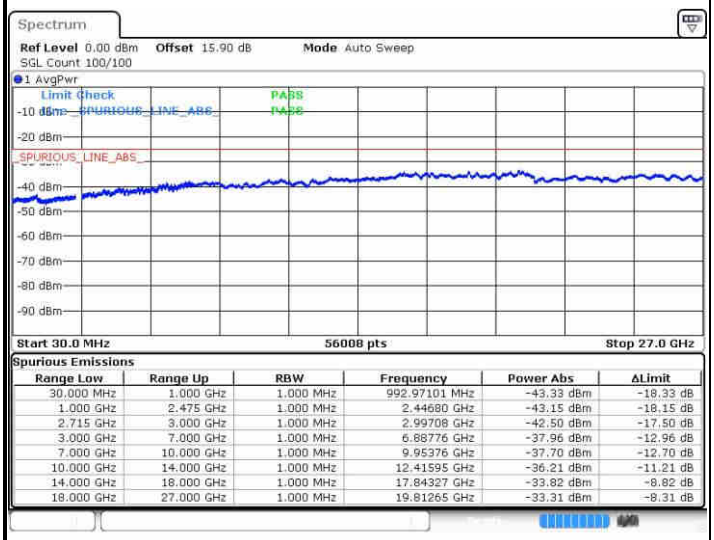


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-43.21 dBm	-18.21 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.28938 GHz	-43.31 dBm	-18.31 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.94111 GHz	-42.53 dBm	-17.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81227 GHz	-38.16 dBm	-13.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95426 GHz	-37.76 dBm	-12.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43095 GHz	-36.19 dBm	-11.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83627 GHz	-33.70 dBm	-8.70 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81065 GHz	-33.39 dBm	-8.39 dB

Date: 8.APR.2019 12:10:07

Highest Channel / 64QAM



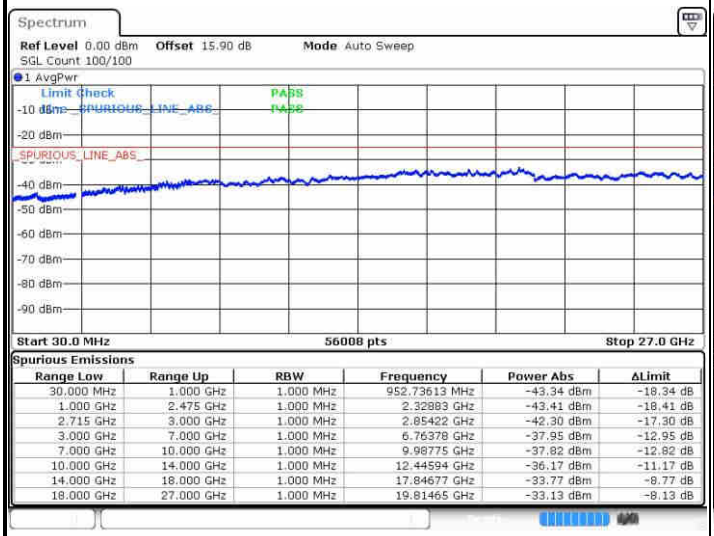
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-43.33 dBm	-18.33 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44680 GHz	-43.15 dBm	-18.15 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99708 GHz	-42.50 dBm	-17.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88776 GHz	-37.96 dBm	-12.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95376 GHz	-37.70 dBm	-12.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.41595 GHz	-36.21 dBm	-11.21 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84327 GHz	-33.82 dBm	-8.82 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81265 GHz	-33.31 dBm	-8.31 dB

Date: 8.APR.2019 12:10:53

LTE Band 41 / 15MHz

Lowest Channel / 64QAM

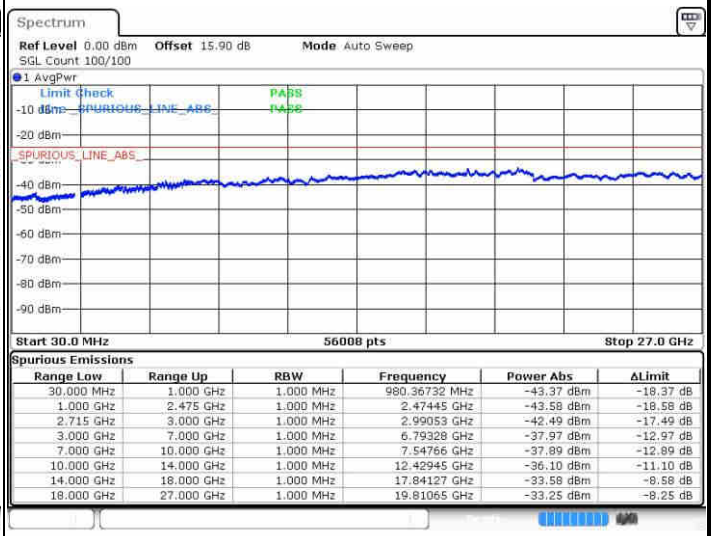


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-43.34 dBm	-18.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.32883 GHz	-43.41 dBm	-18.41 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.85422 GHz	-42.30 dBm	-17.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76378 GHz	-37.95 dBm	-12.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98775 GHz	-37.82 dBm	-12.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44594 GHz	-36.17 dBm	-11.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84677 GHz	-33.77 dBm	-8.77 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81465 GHz	-33.13 dBm	-8.13 dB

Date: 8.APR.2019 12:11:40

Middle Channel / 64QAM

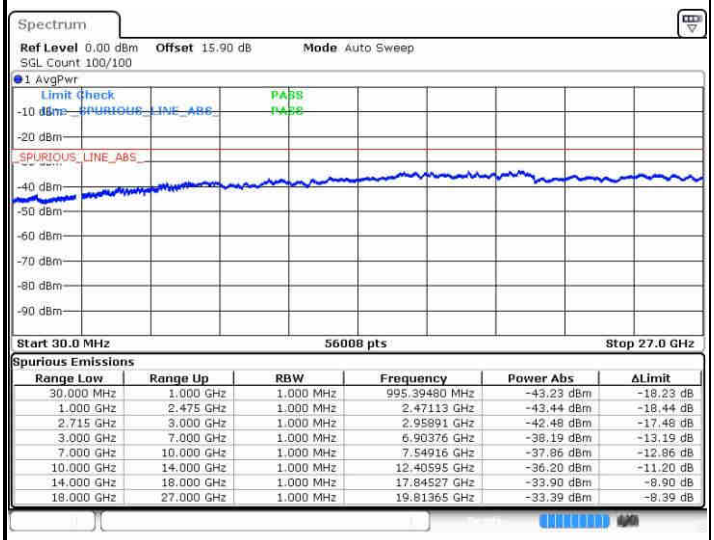


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-43.37 dBm	-18.37 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-43.58 dBm	-18.58 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99053 GHz	-42.49 dBm	-17.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79328 GHz	-37.97 dBm	-12.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54766 GHz	-37.89 dBm	-12.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42945 GHz	-36.10 dBm	-11.10 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84127 GHz	-33.58 dBm	-8.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81065 GHz	-33.25 dBm	-8.25 dB

Date: 8.APR.2019 12:12:25

Highest Channel / 64QAM



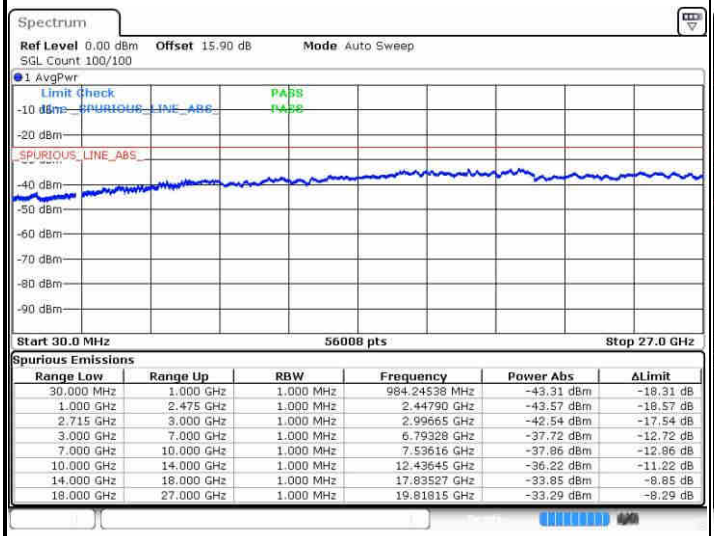
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.39480 MHz	-43.23 dBm	-18.23 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-43.44 dBm	-18.44 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95891 GHz	-42.48 dBm	-17.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90376 GHz	-38.19 dBm	-13.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54916 GHz	-37.86 dBm	-12.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40595 GHz	-36.20 dBm	-11.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84527 GHz	-33.90 dBm	-8.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81365 GHz	-33.39 dBm	-8.39 dB

Date: 8.APR.2019 12:13:11

LTE Band 41 / 20MHz

Lowest Channel / 64QAM

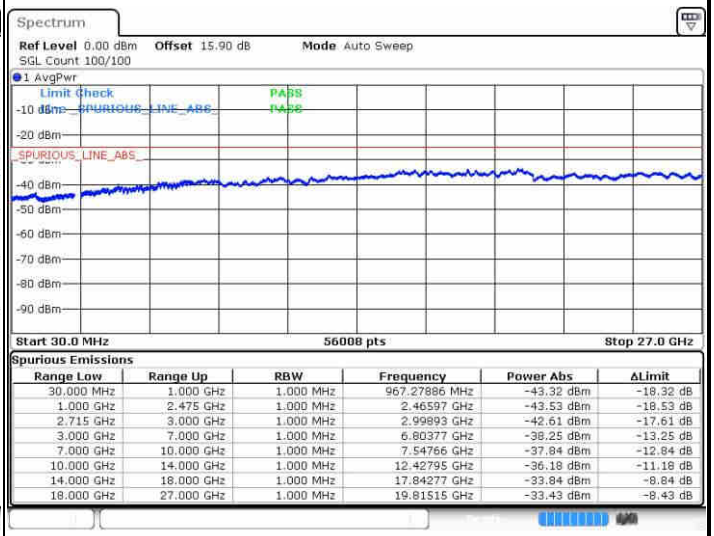


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-43.31 dBm	-18.31 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44790 GHz	-43.57 dBm	-18.57 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99665 GHz	-42.54 dBm	-17.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79328 GHz	-37.72 dBm	-12.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.53616 GHz	-37.86 dBm	-12.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43645 GHz	-36.22 dBm	-11.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83527 GHz	-33.85 dBm	-8.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81815 GHz	-33.29 dBm	-8.29 dB

Date: 8.APR.2019 12:13:58

Middle Channel / 64QAM

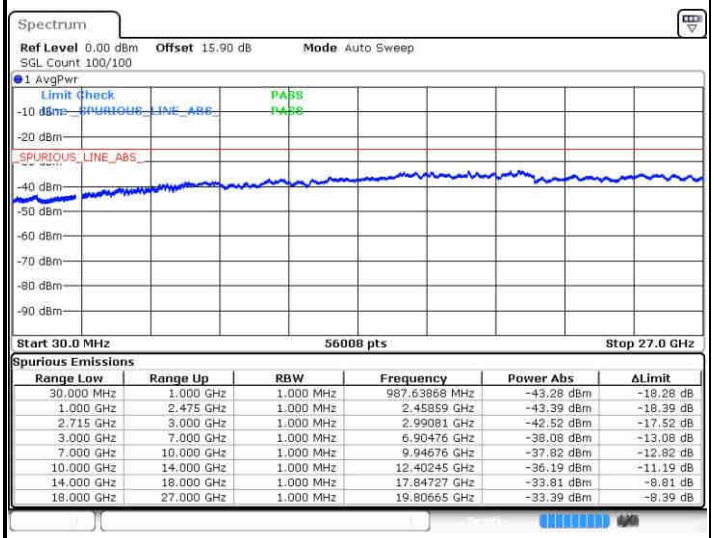


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-43.32 dBm	-18.32 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46597 GHz	-43.53 dBm	-18.53 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99893 GHz	-42.61 dBm	-17.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80377 GHz	-38.25 dBm	-13.25 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54766 GHz	-37.84 dBm	-12.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42795 GHz	-36.18 dBm	-11.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84277 GHz	-33.84 dBm	-8.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81515 GHz	-33.43 dBm	-8.43 dB

Date: 8.APR.2019 12:14:43

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-43.28 dBm	-18.28 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45859 GHz	-43.39 dBm	-18.39 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.99081 GHz	-42.52 dBm	-17.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90476 GHz	-38.08 dBm	-13.08 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94676 GHz	-37.82 dBm	-12.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40245 GHz	-36.19 dBm	-11.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84727 GHz	-33.81 dBm	-8.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80665 GHz	-33.39 dBm	-8.39 dB

Date: 8.APR.2019 12:15:29

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 41_CA

26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.82	24.93	29.85	25.23	30.63
Middle CH	24.82	24.88	29.85	25.12	30.51
Highest CH	24.77	25.07	29.79	25.23	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.93	29.97	34.97	39.80
Middle CH	34.76	24.77	29.97	34.97	39.72
Highest CH	34.83	24.93	29.97	34.90	39.80

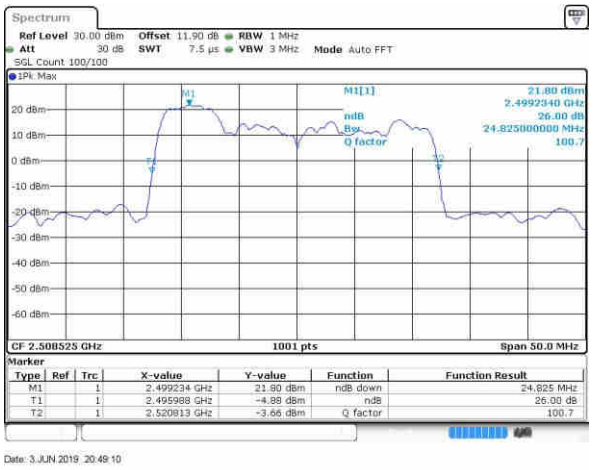
Mode	LTE Band 41 : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.07	29.79	25.12	30.69
Middle CH	24.68	24.98	30.03	25.12	30.51
Highest CH	24.68	25.07	29.85	25.12	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.93	30.03	34.83	39.88
Middle CH	34.76	24.82	30.03	34.97	39.88
Highest CH	34.83	24.88	30.09	34.83	39.72

Mode	LTE Band 41 : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	24.98	29.73	25.12	30.57
Middle CH	24.77	24.98	29.97	25.12	30.45
Highest CH	24.77	24.98	29.67	25.07	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.77	29.91	34.83	39.72
Middle CH	34.83	24.73	30.03	34.83	39.80
Highest CH	35.03	24.82	29.97	34.97	39.72

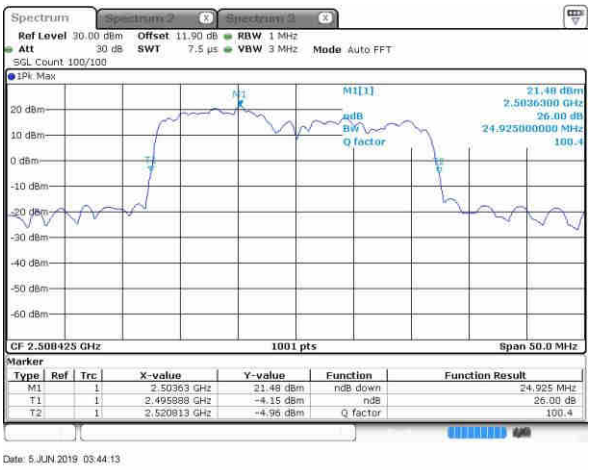
LTE Band 41

QPSK

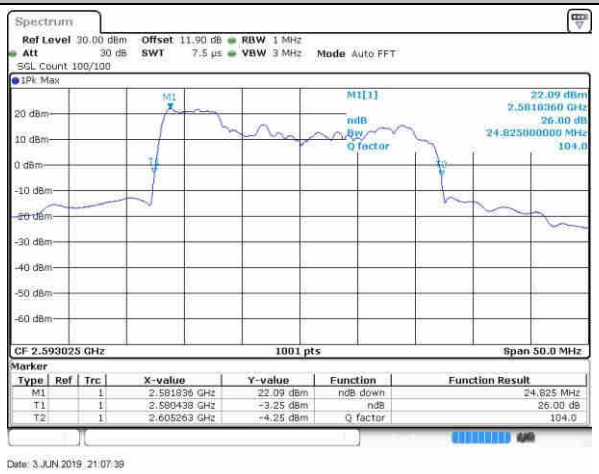
Lowest Channel / 5MHz+20MHz



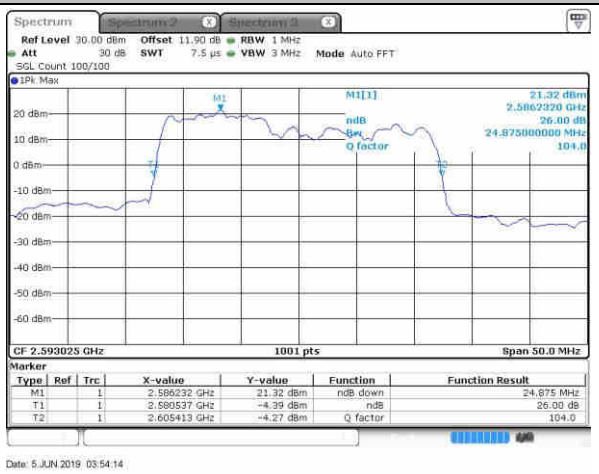
Lowest Channel / 10MHz+15MHz



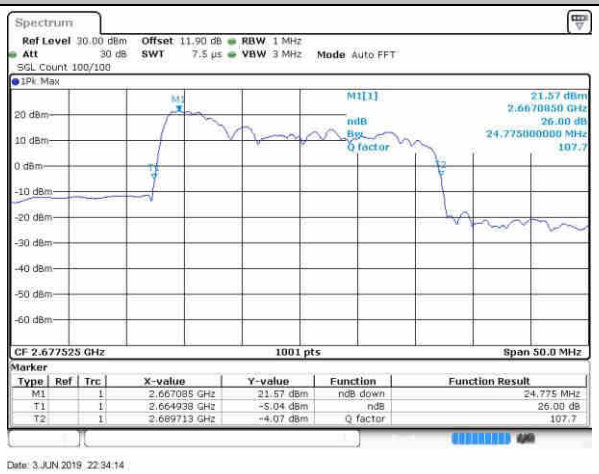
Middle Channel / 5MHz+20MHz



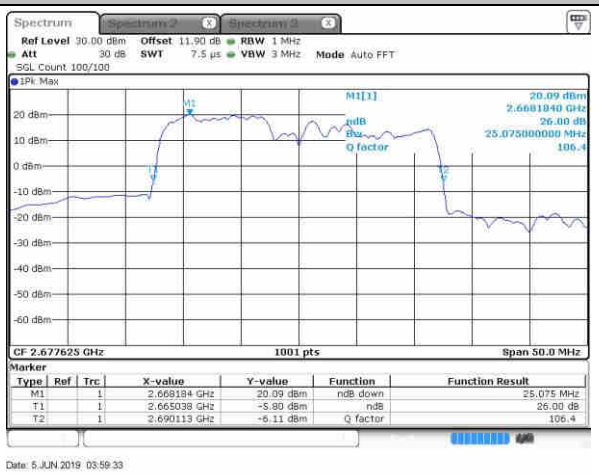
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



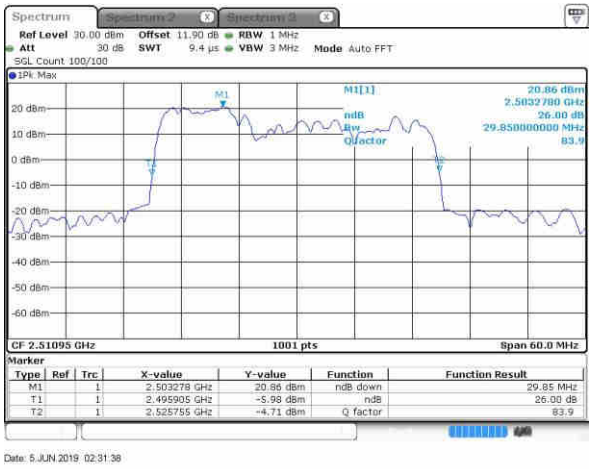
Highest Channel / 10MHz+15MHz



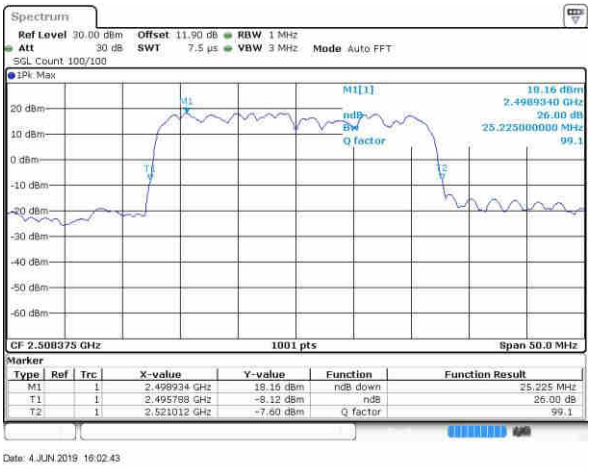
LTE Band 41

QPSK

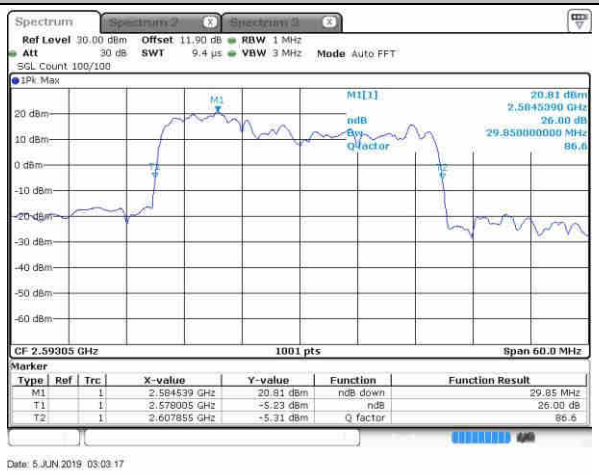
Lowest Channel / 10MHz+20MHz



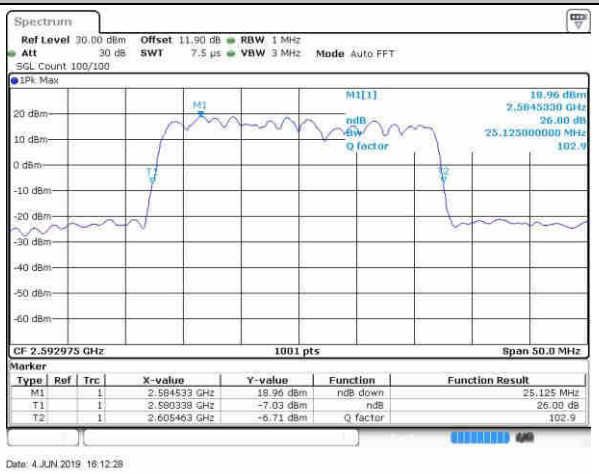
Lowest Channel / 15MHz+10MHz



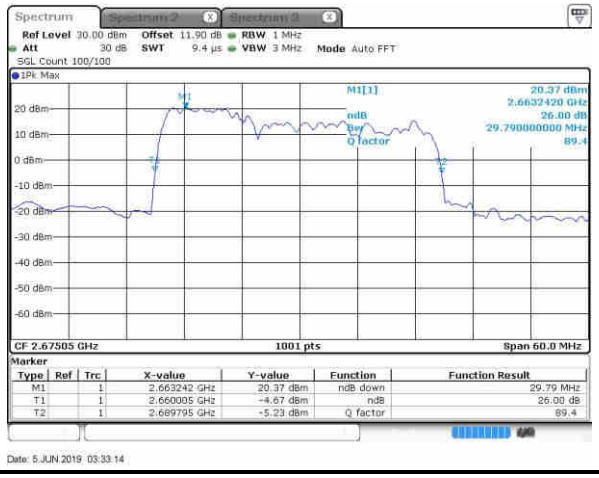
Middle Channel / 10MHz+20MHz



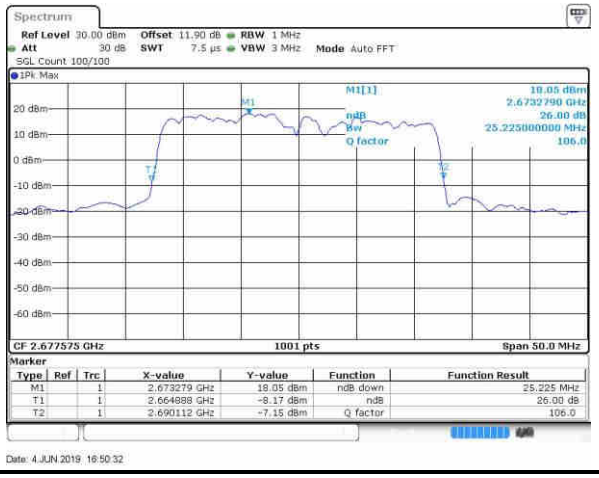
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



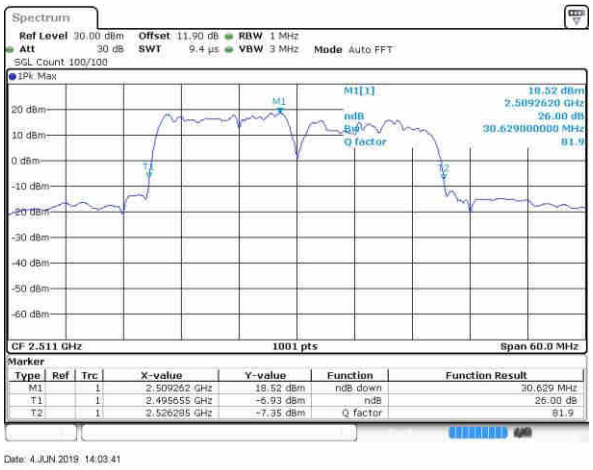
Highest Channel / 15MHz+10MHz



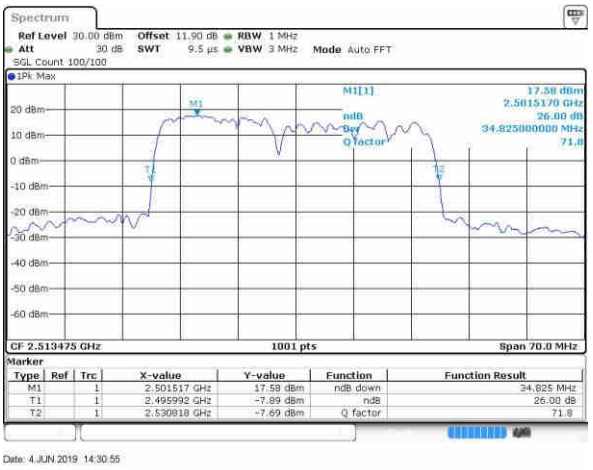
LTE Band 41

QPSK

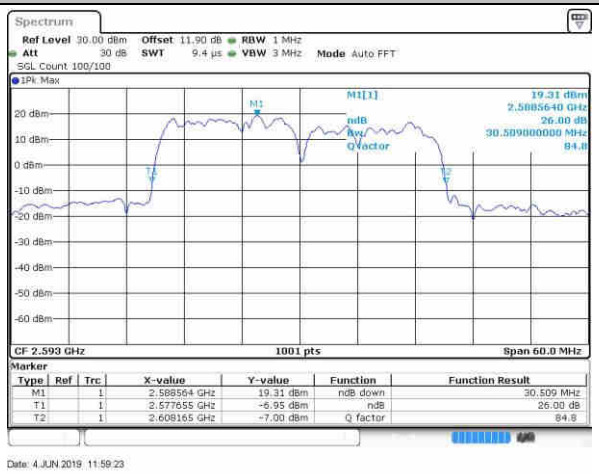
Lowest Channel / 15MHz+15MHz



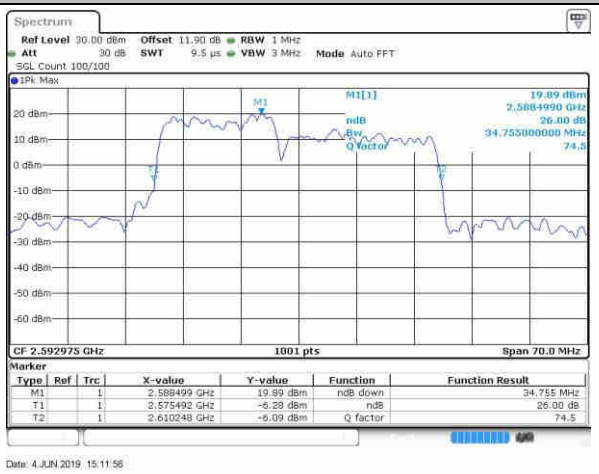
Lowest Channel / 15MHz+20MHz



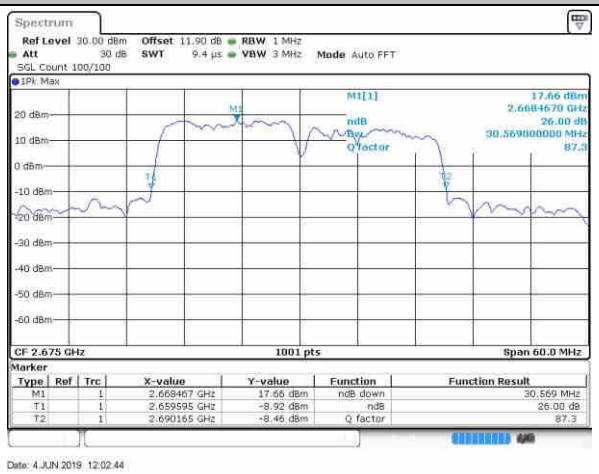
Middle Channel / 15MHz+15MHz



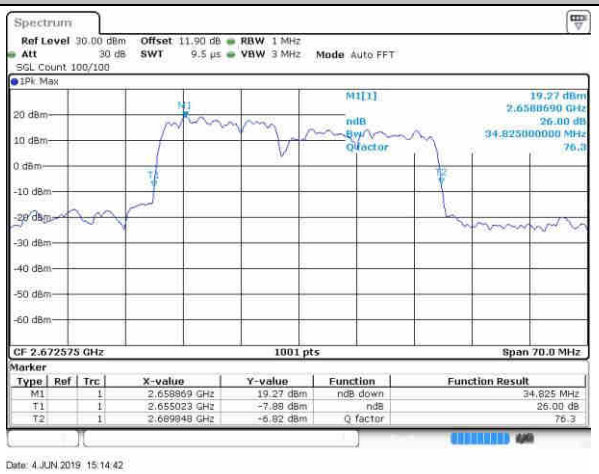
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



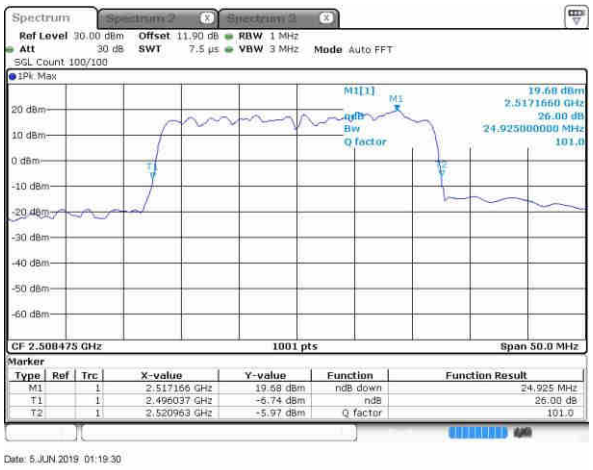
Highest Channel / 15MHz+20MHz



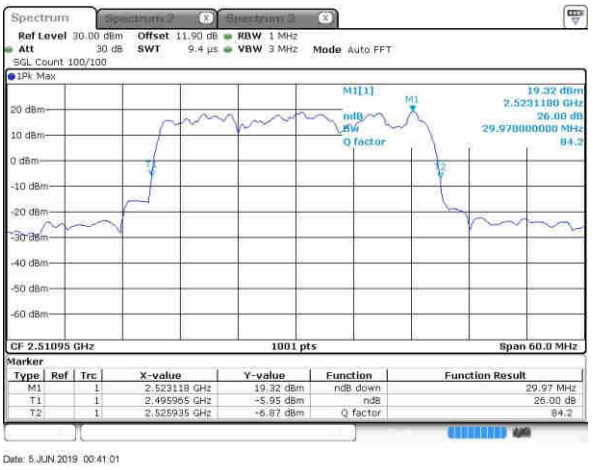
LTE Band 41

QPSK

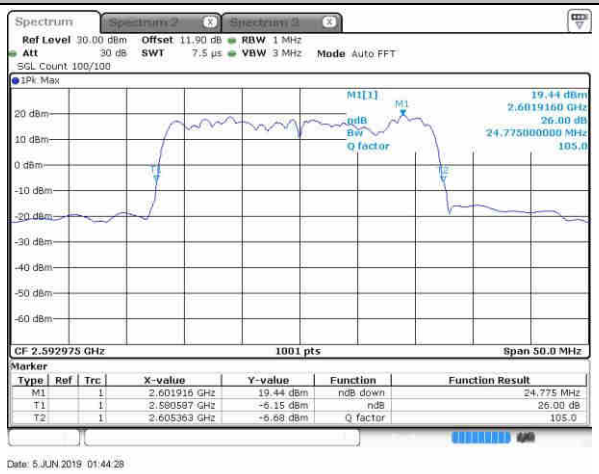
Lowest Channel / 20MHz+5MHz



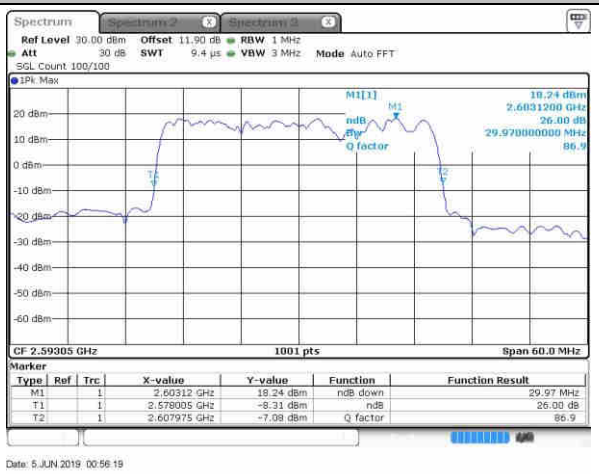
Lowest Channel / 20MHz+10MHz



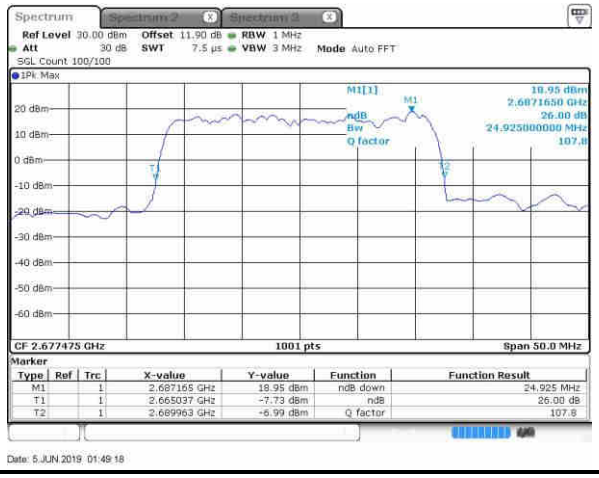
Middle Channel / 20MHz+5MHz



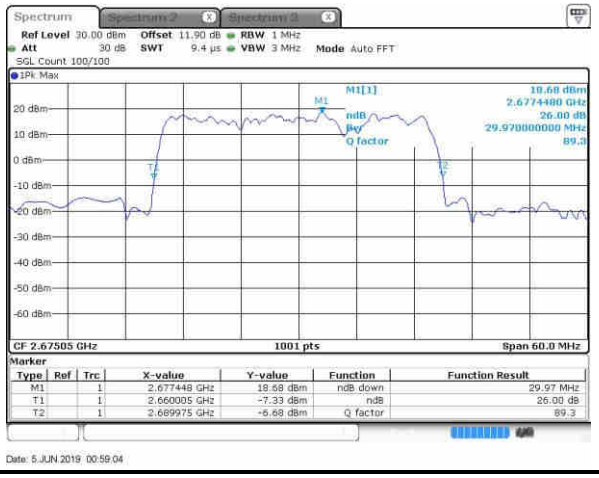
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



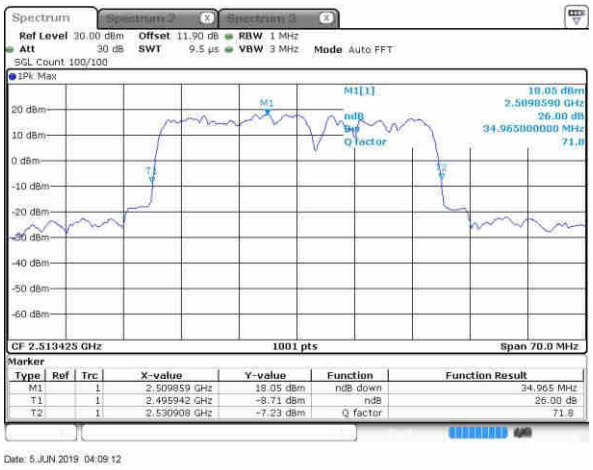
Highest Channel / 20MHz+10MHz



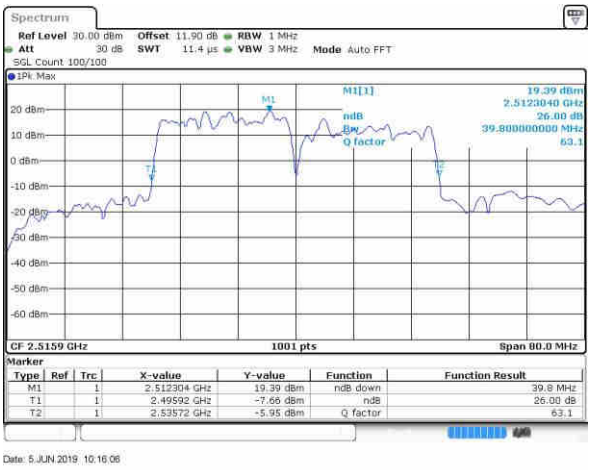
LTE Band 41

QPSK

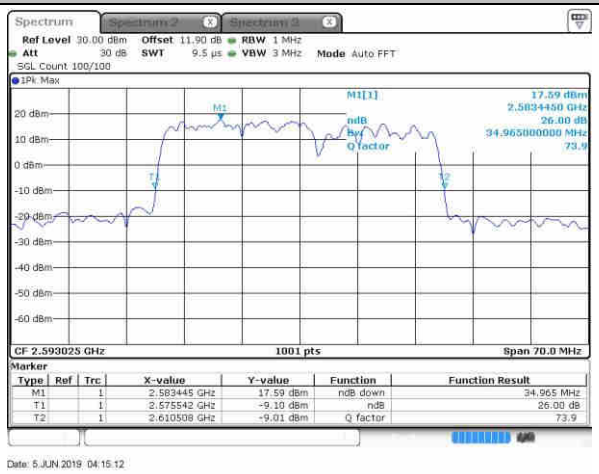
Lowest Channel / 20MHz+15MHz



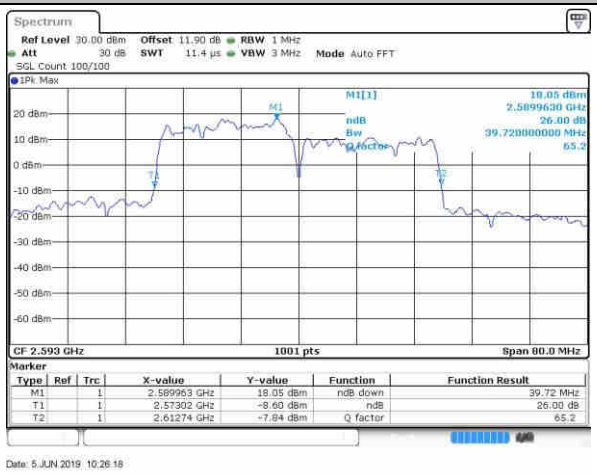
Lowest Channel / 20MHz+20MHz



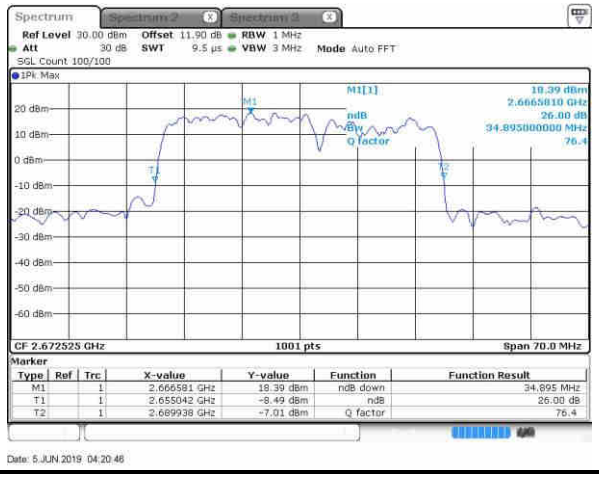
Middle Channel / 20MHz+15MHz



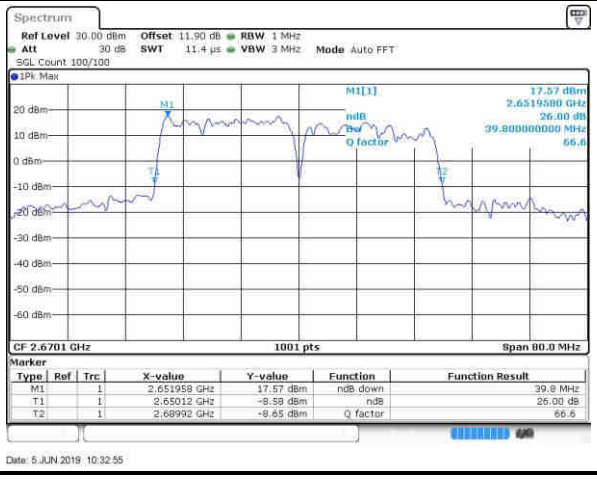
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



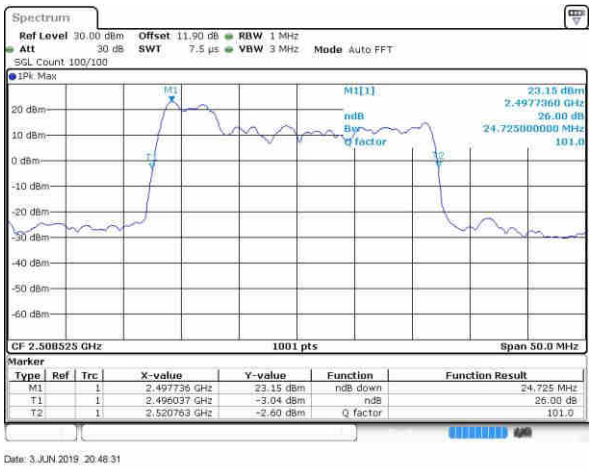
Highest Channel / 20MHz+20MHz



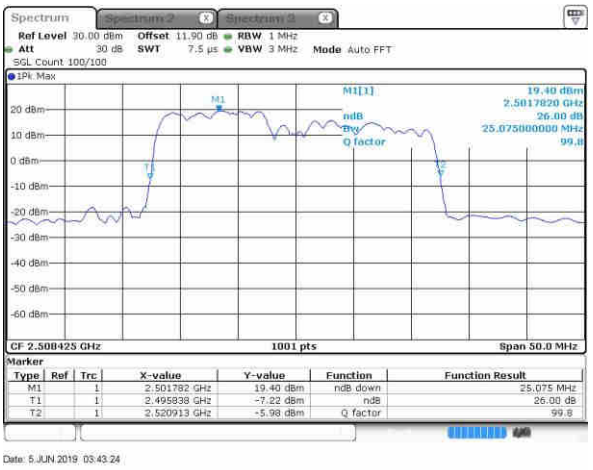
LTE Band 41

16QAM

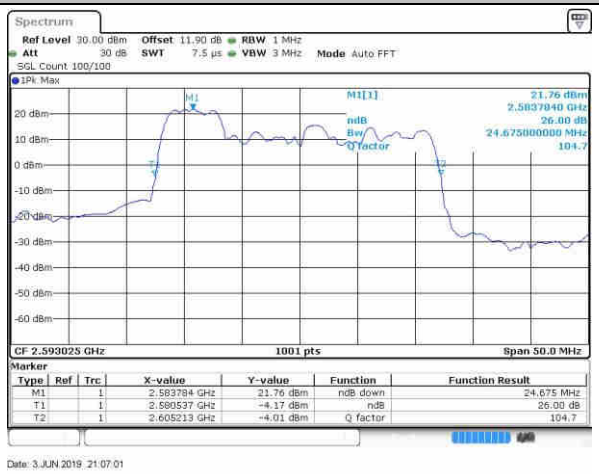
Lowest Channel / 5MHz+20MHz



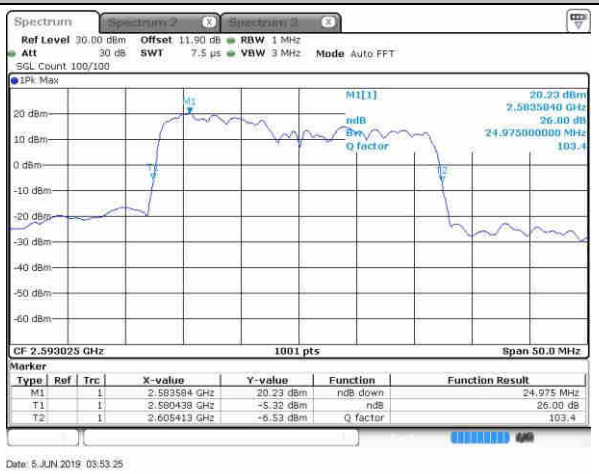
Lowest Channel / 10MHz+15MHz



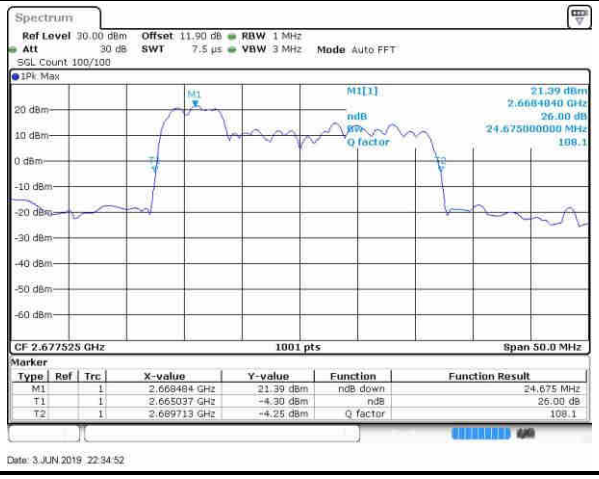
Middle Channel / 5MHz+20MHz



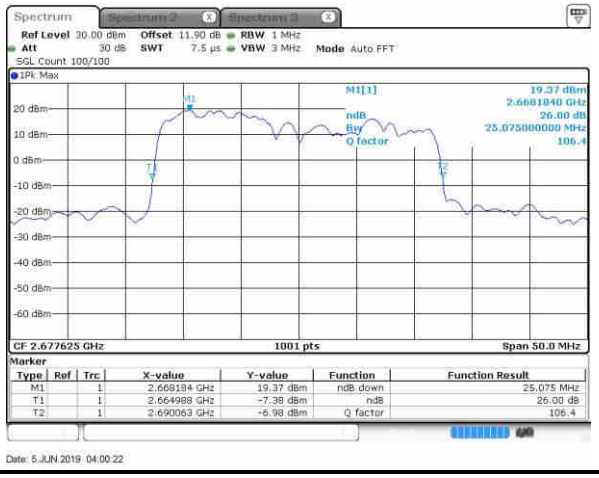
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



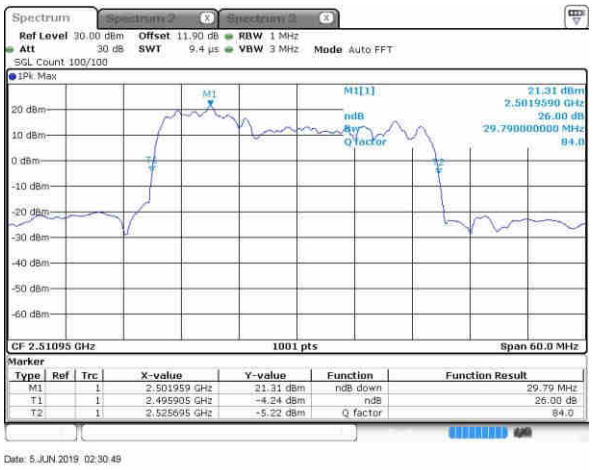
Highest Channel / 10MHz+15MHz



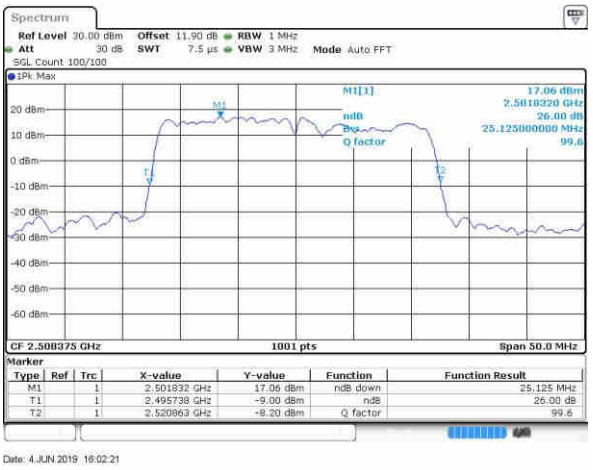
LTE Band 41

16QAM

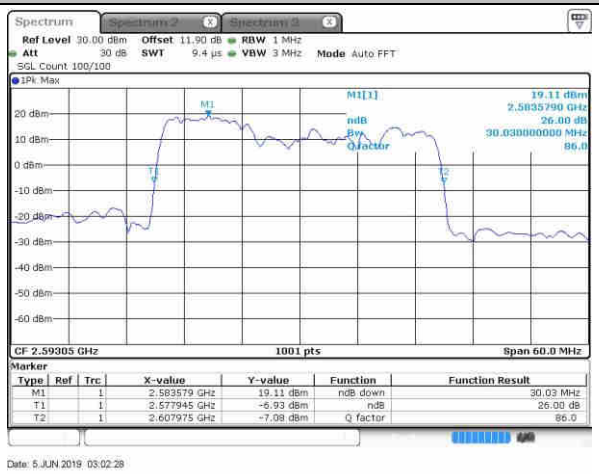
Lowest Channel / 10MHz+20MHz



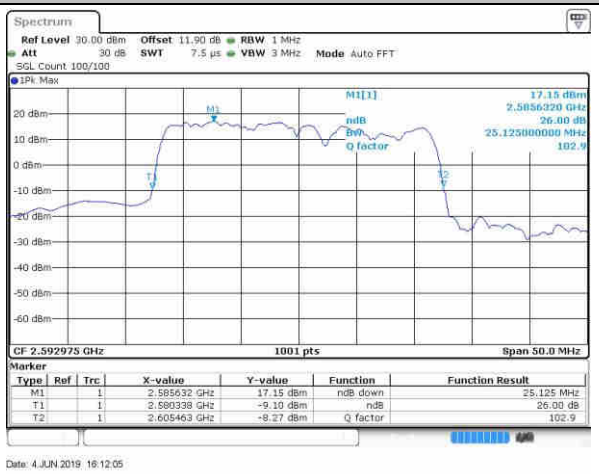
Lowest Channel / 15MHz+10MHz



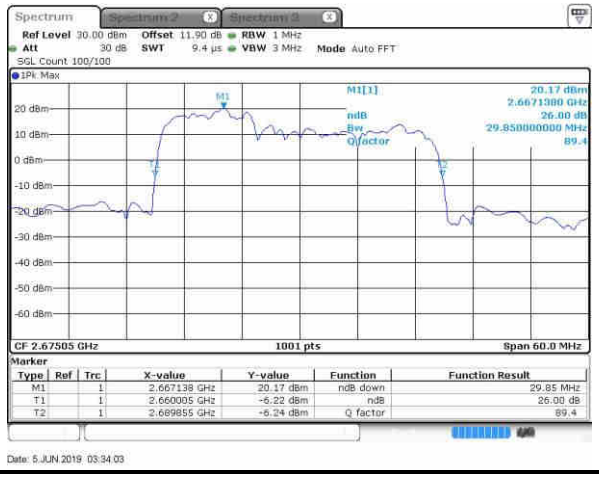
Middle Channel / 10MHz+20MHz



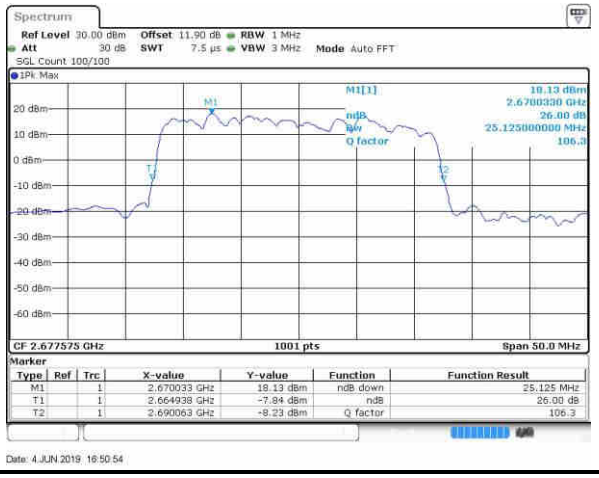
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



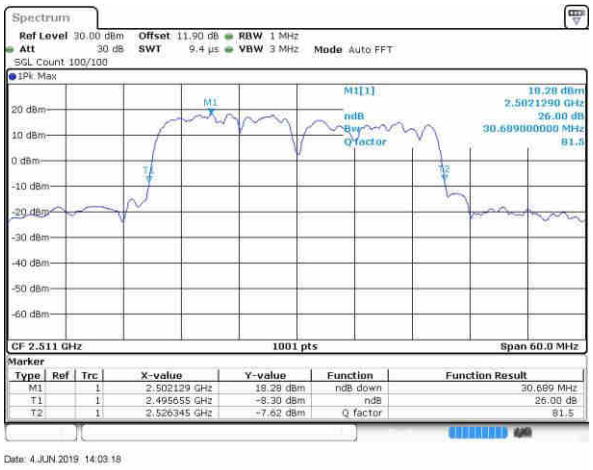
Highest Channel / 15MHz+10MHz



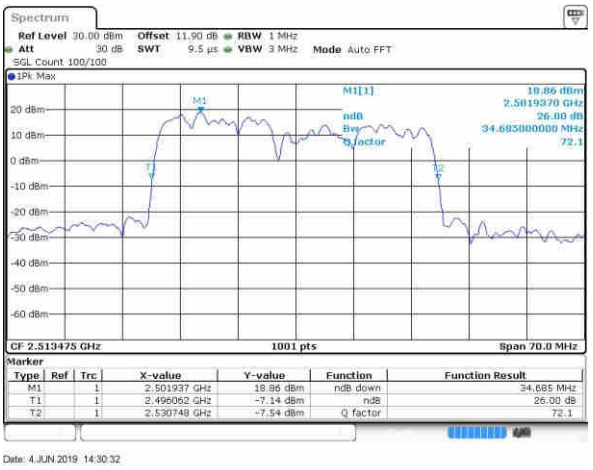
LTE Band 41

16QAM

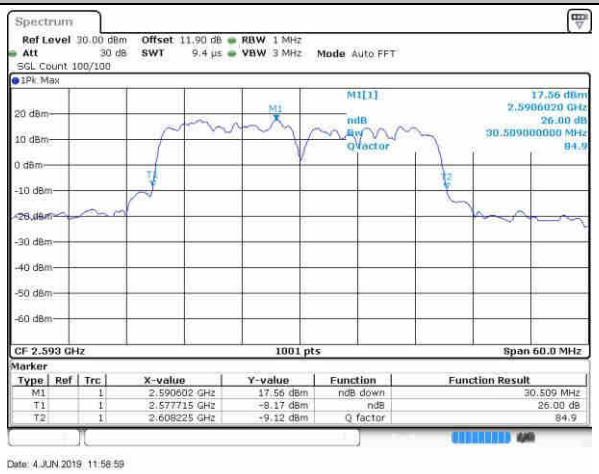
Lowest Channel / 15MHz+15MHz



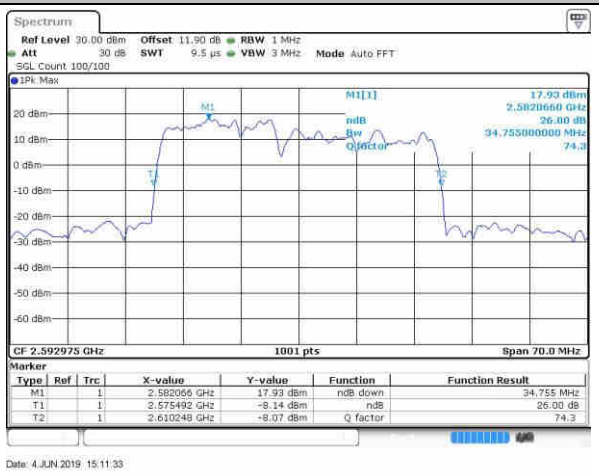
Lowest Channel / 15MHz+20MHz



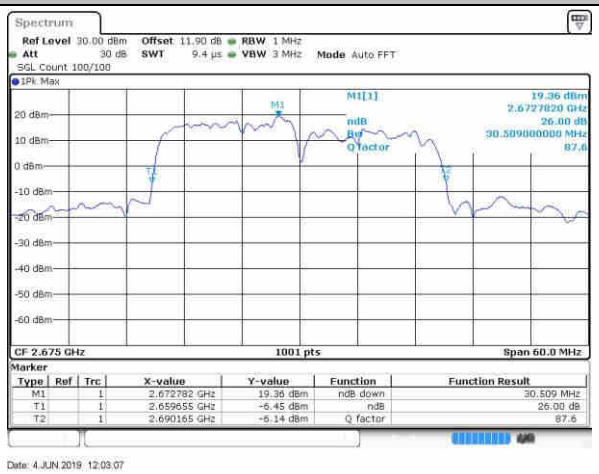
Middle Channel / 15MHz+15MHz



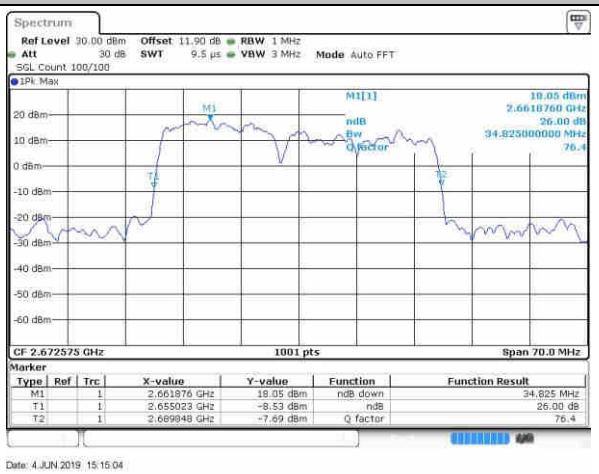
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



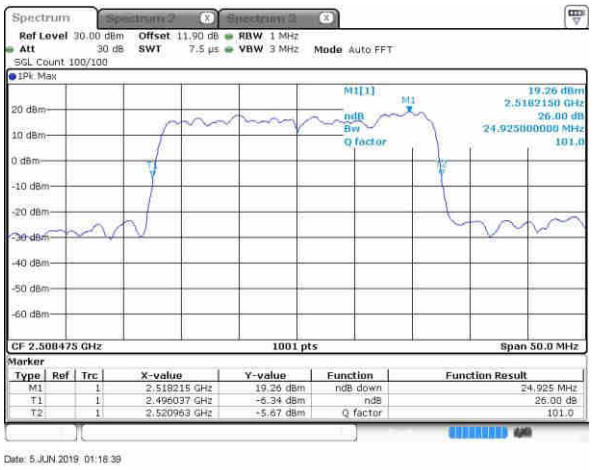
Highest Channel / 15MHz+20MHz



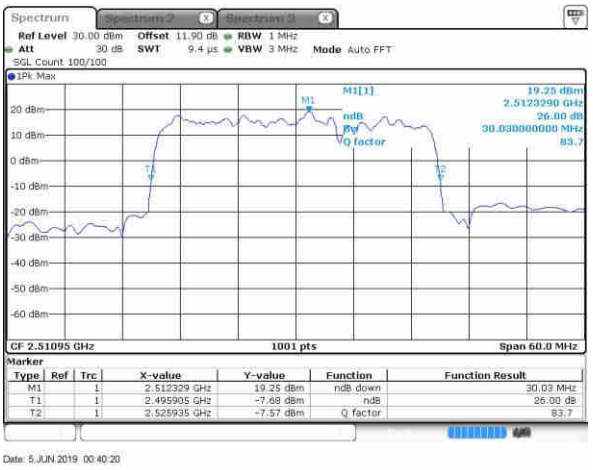
LTE Band 41

16QAM

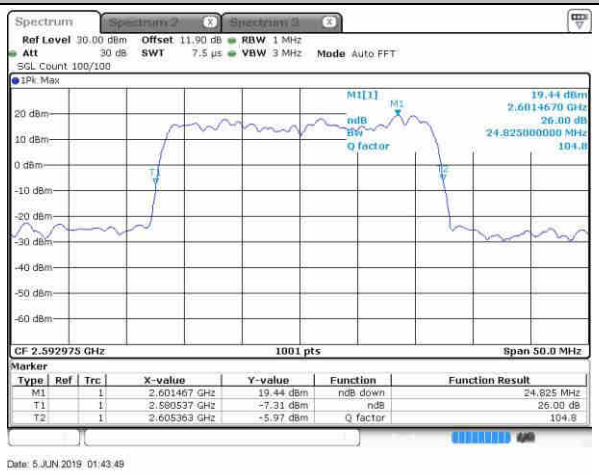
Lowest Channel / 20MHz+5MHz



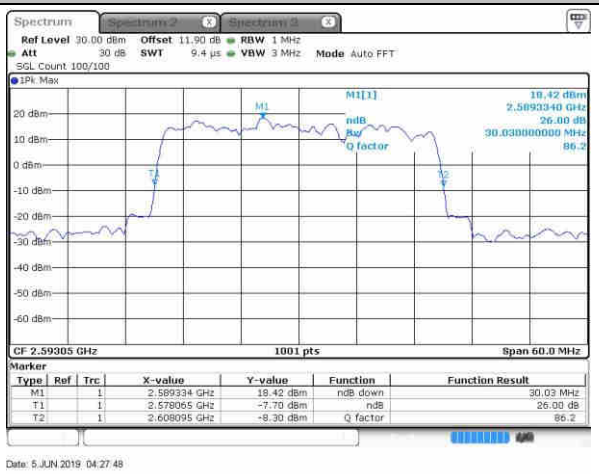
Lowest Channel / 20MHz+10MHz



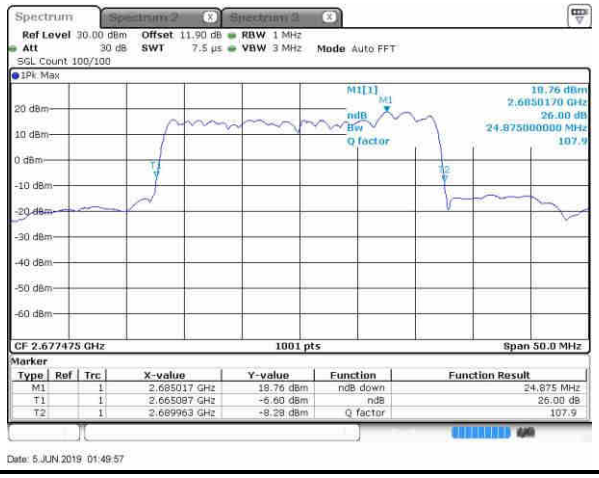
Middle Channel / 20MHz+5MHz



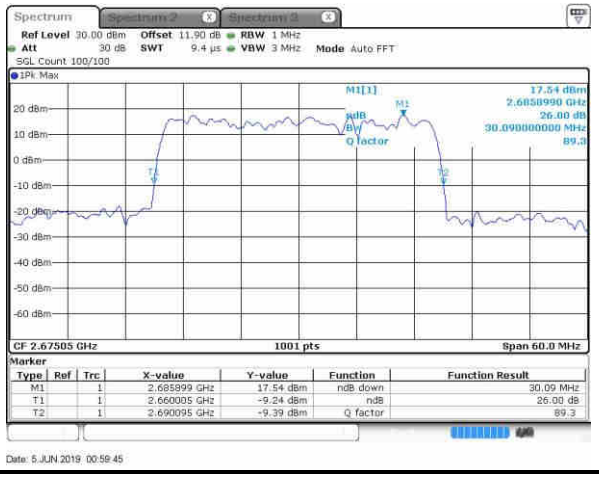
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



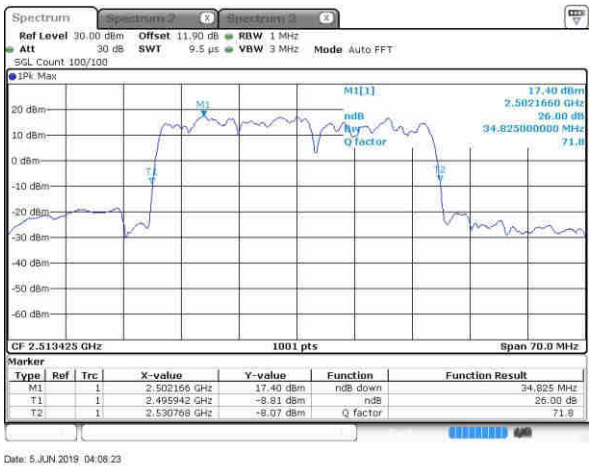
Highest Channel / 20MHz+10MHz



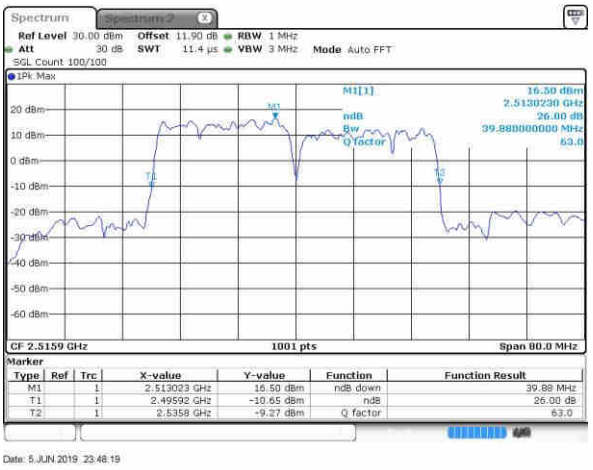
LTE Band 41

16QAM

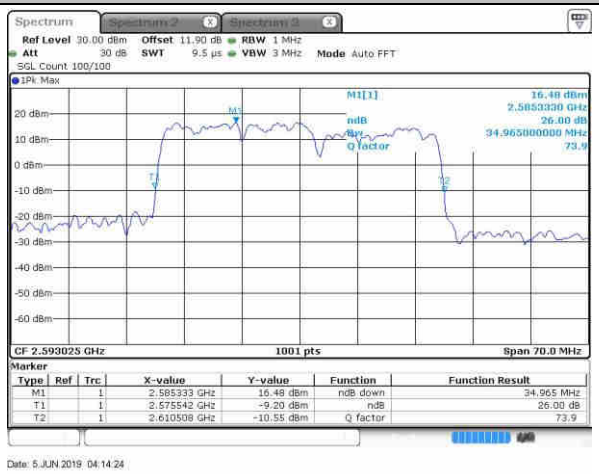
Lowest Channel / 20MHz+15MHz



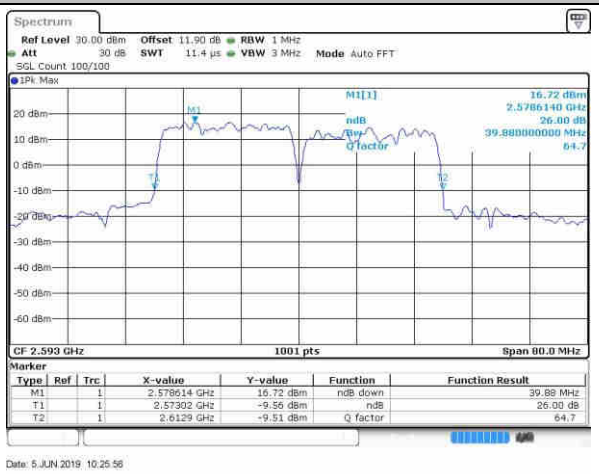
Lowest Channel / 20MHz+20MHz



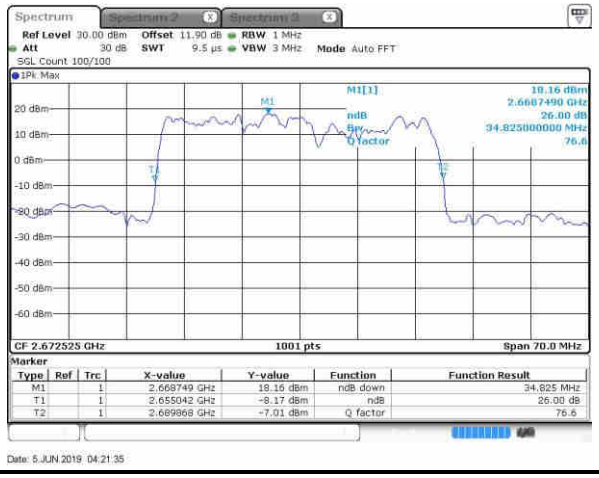
Middle Channel / 20MHz+15MHz



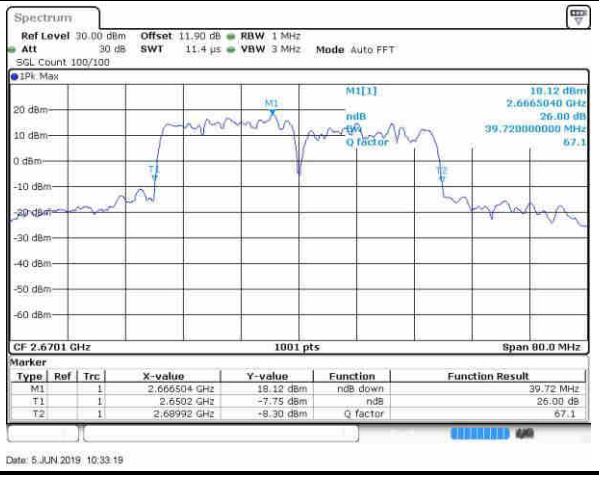
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



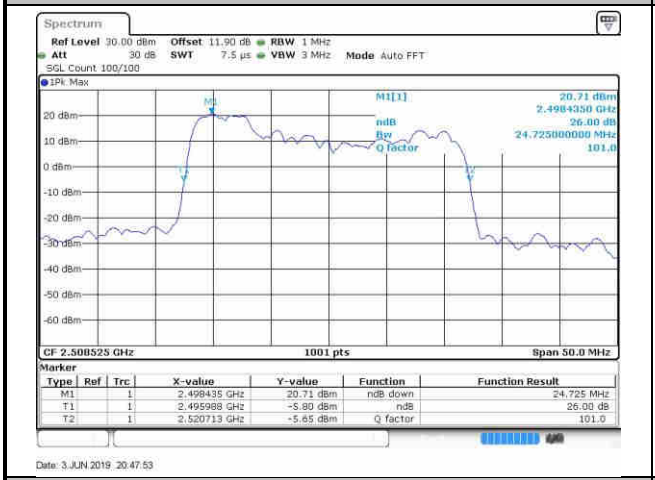
Highest Channel / 20MHz+20MHz



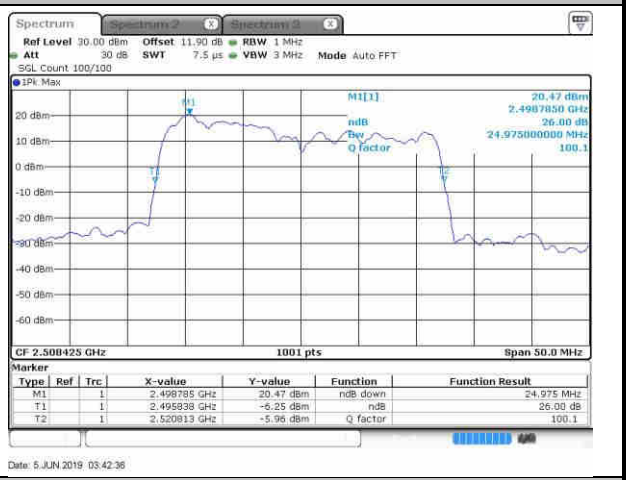
LTE Band 41

64QAM

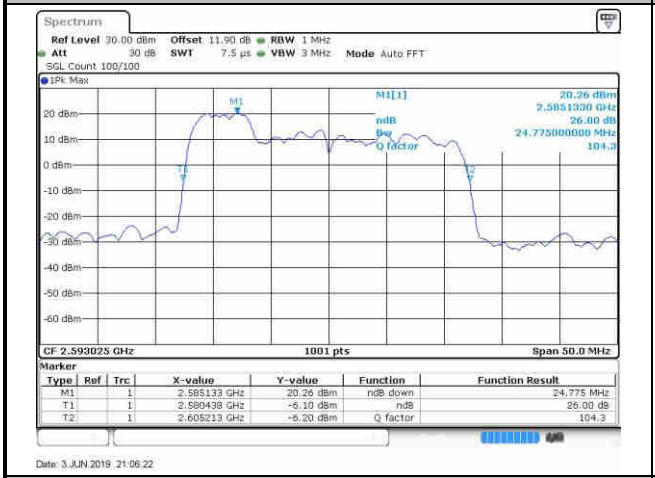
Lowest Channel / 5MHz+20MHz



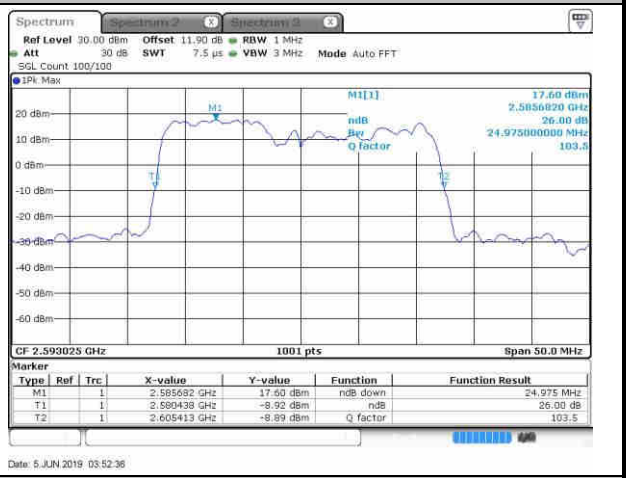
Lowest Channel / 10MHz+15MHz



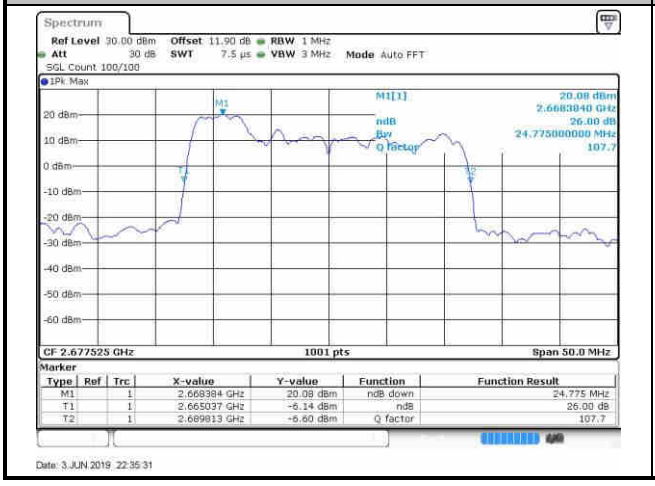
Middle Channel / 5MHz+20MHz



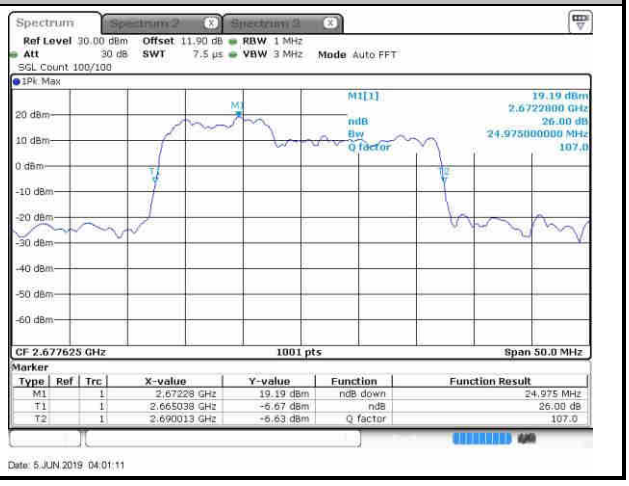
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



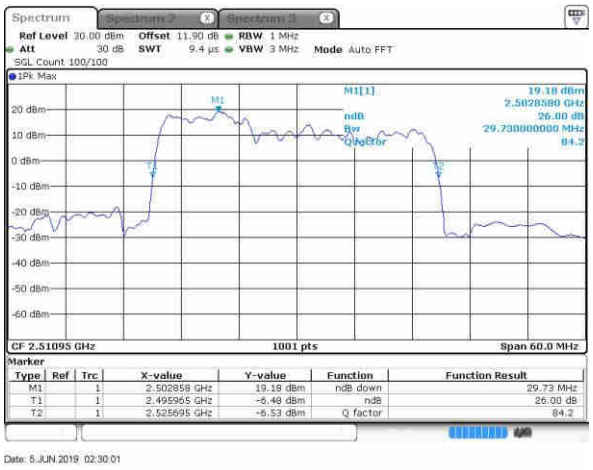
Highest Channel / 10MHz+15MHz



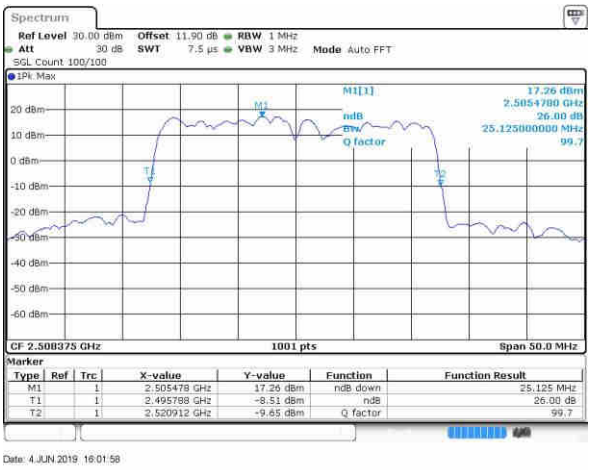
LTE Band 41

64QAM

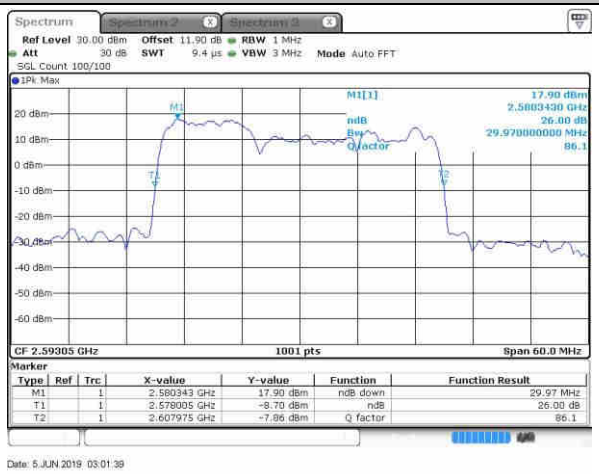
Lowest Channel / 10MHz+20MHz



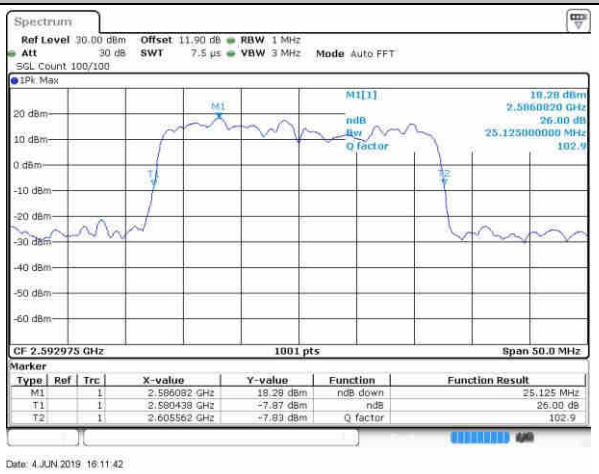
Lowest Channel / 15MHz+10MHz



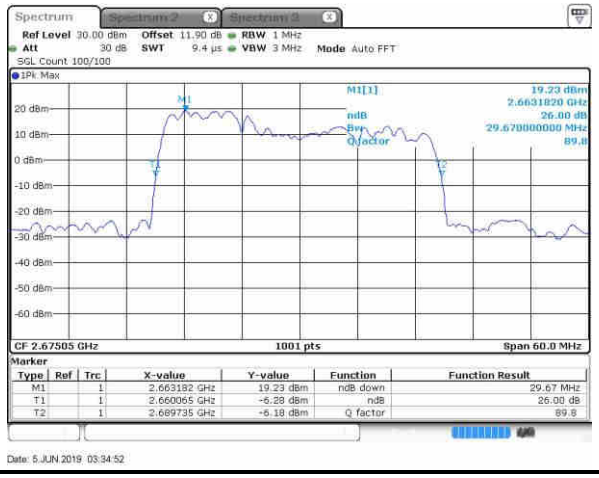
Middle Channel / 10MHz+20MHz



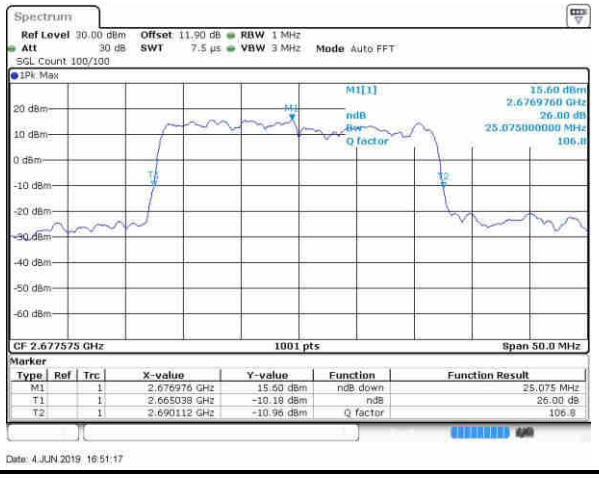
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



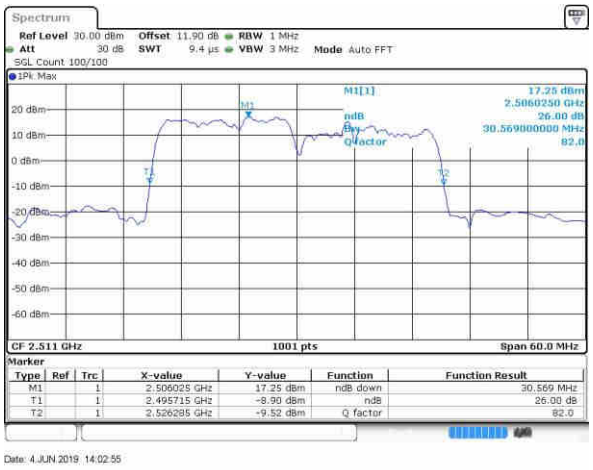
Highest Channel / 15MHz+10MHz



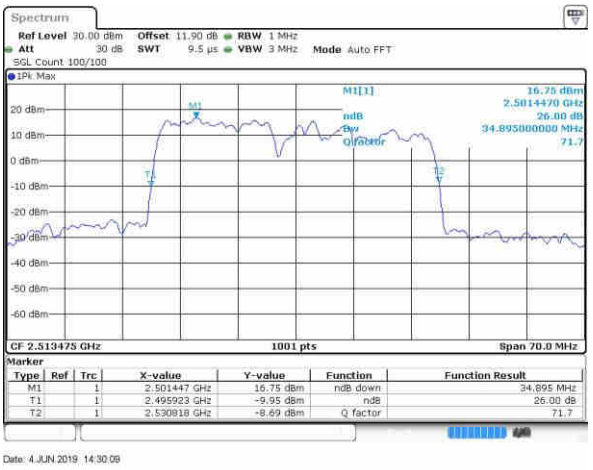
LTE Band 41

64QAM

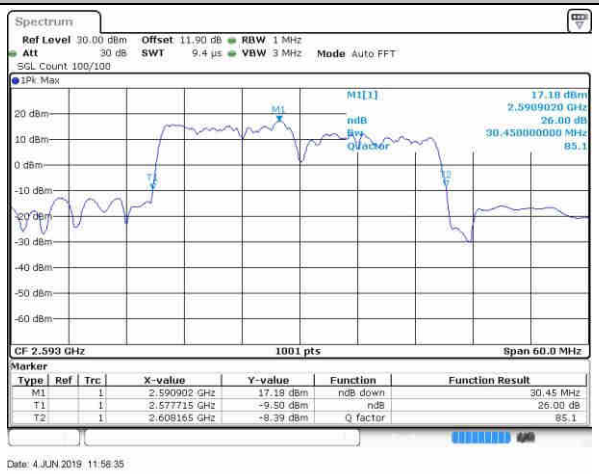
Lowest Channel / 15MHz+15MHz



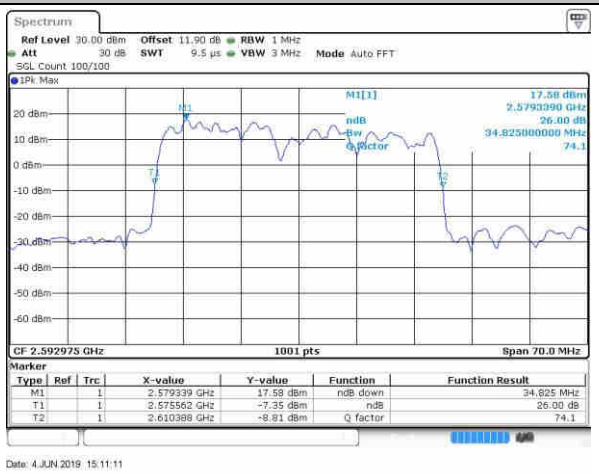
Lowest Channel / 15MHz+20MHz



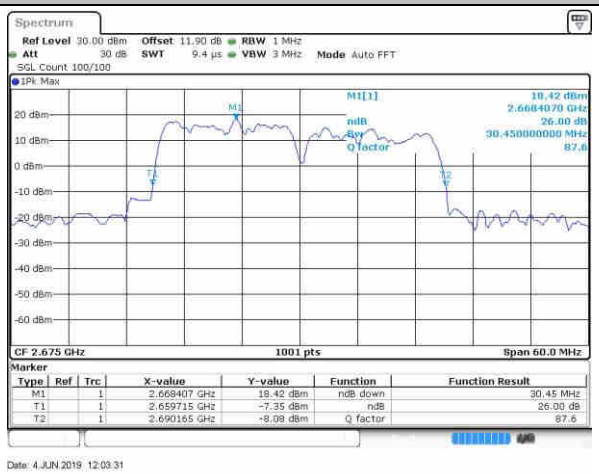
Middle Channel / 15MHz+15MHz



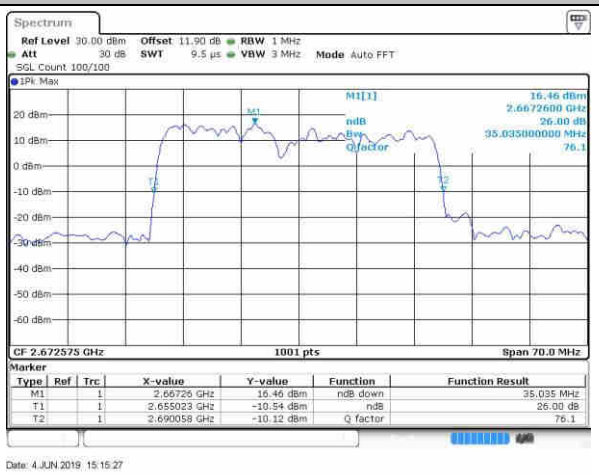
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



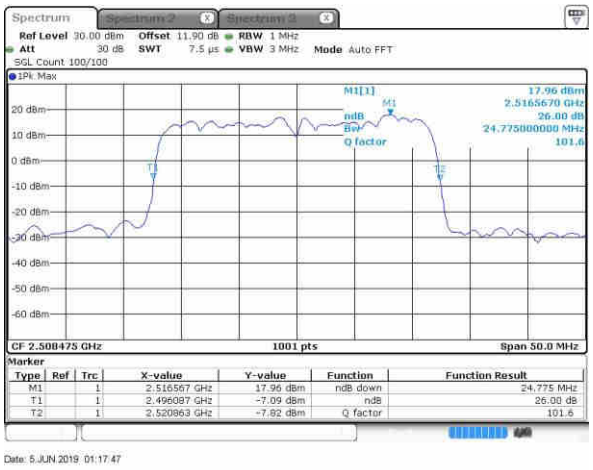
Highest Channel / 15MHz+20MHz



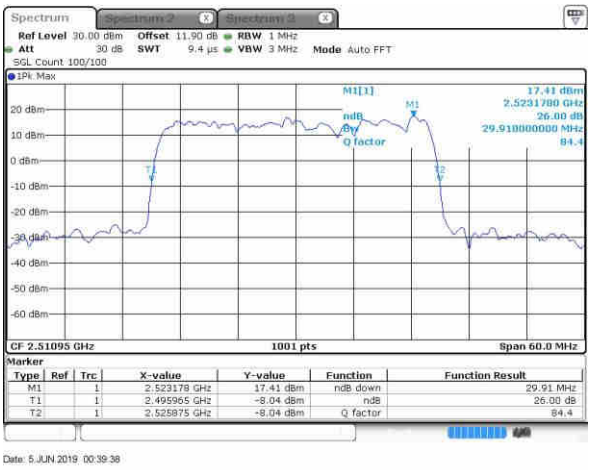
LTE Band 41

64QAM

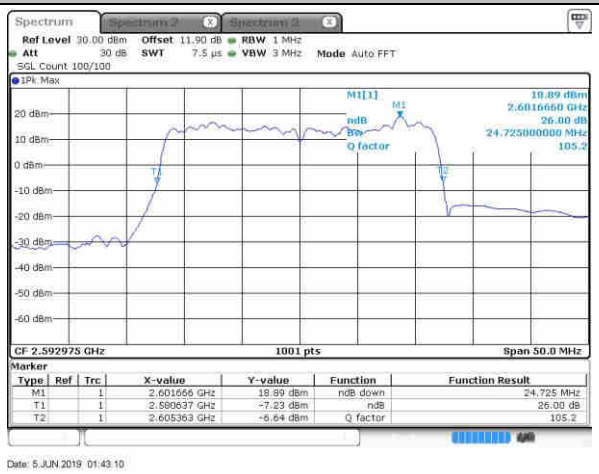
Lowest Channel / 20MHz+5MHz



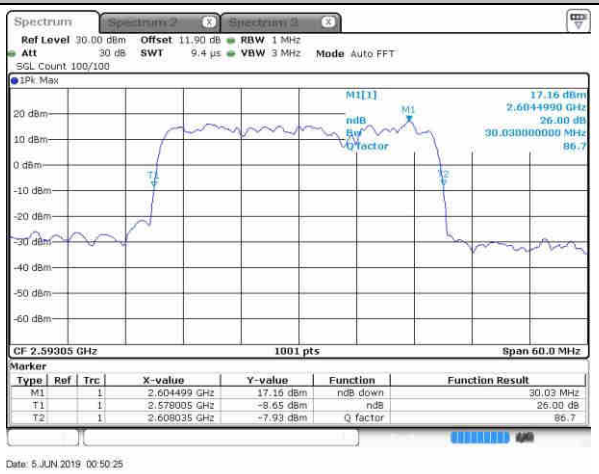
Lowest Channel / 20MHz+10MHz



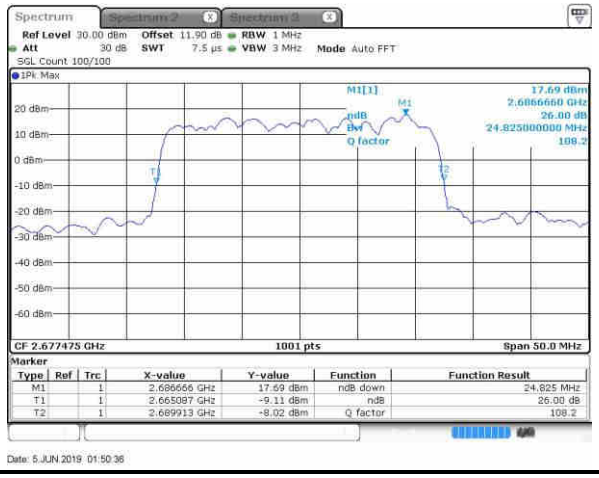
Middle Channel / 20MHz+5MHz



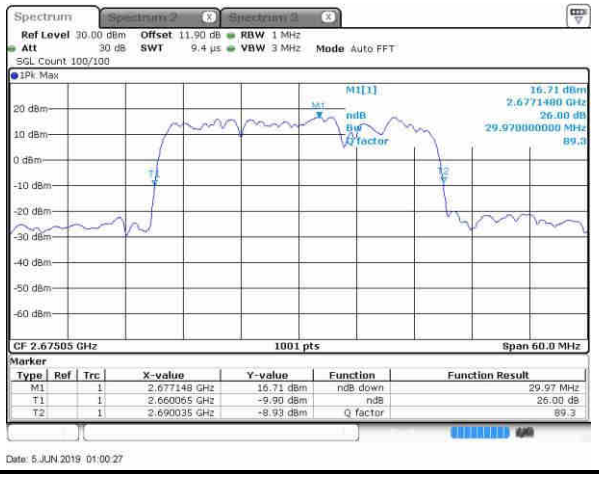
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



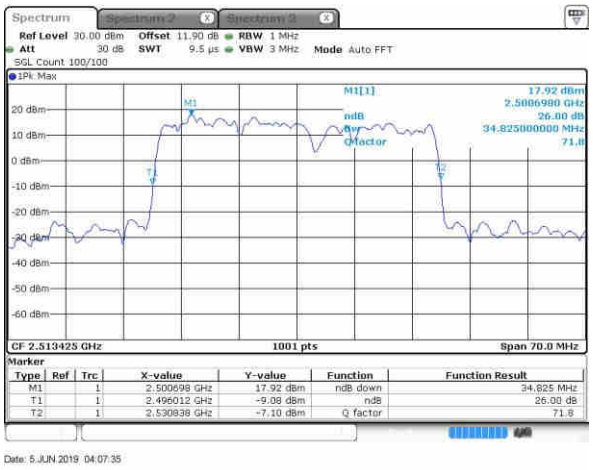
Highest Channel / 20MHz+10MHz



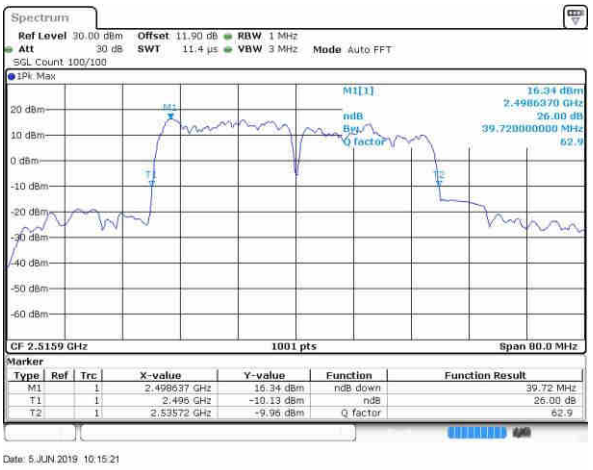
LTE Band 41

64QAM

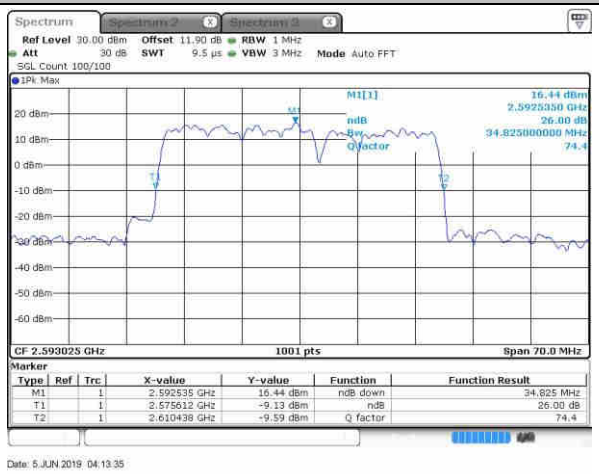
Lowest Channel / 20MHz+15MHz



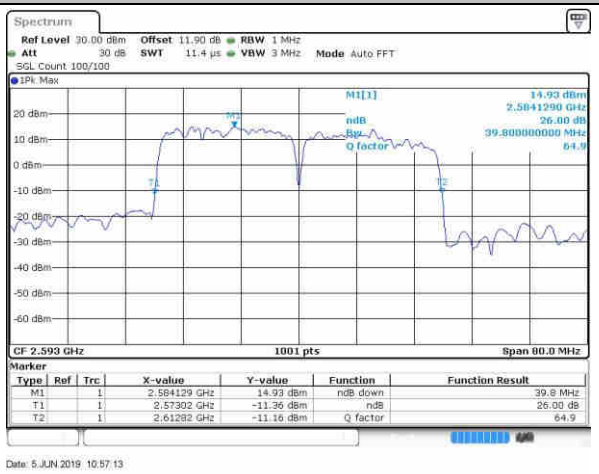
Lowest Channel / 20MHz+20MHz



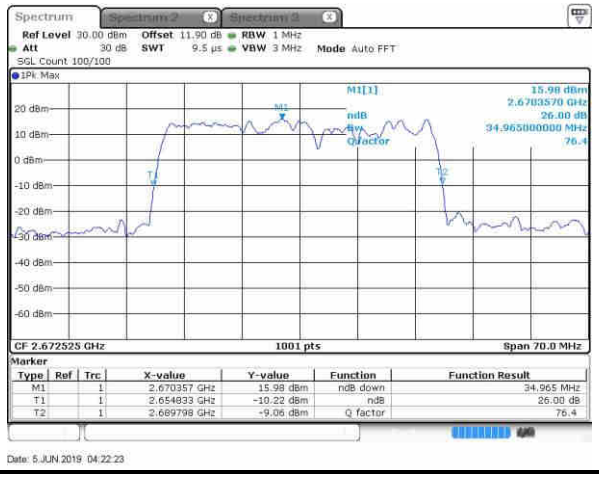
Middle Channel / 20MHz+15MHz



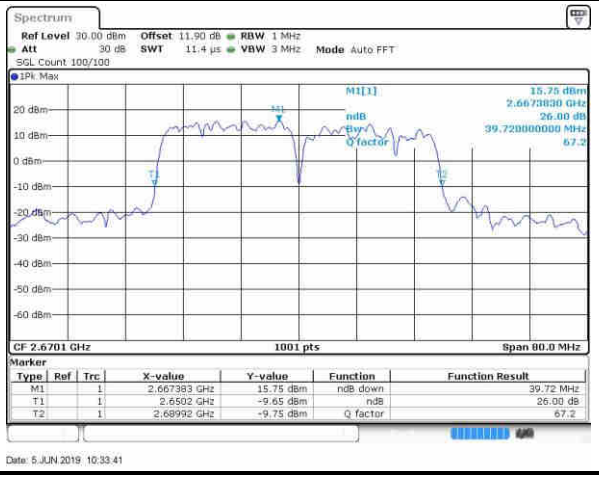
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.48	28.11	23.48	28.47
Middle CH	23.18	23.33	27.93	23.23	28.65
Highest CH	23.13	23.28	27.75	23.48	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.59	23.23	28.11	32.94	37.48
Middle CH	32.52	23.18	28.23	32.87	37.56
Highest CH	32.80	23.23	28.11	33.01	37.56

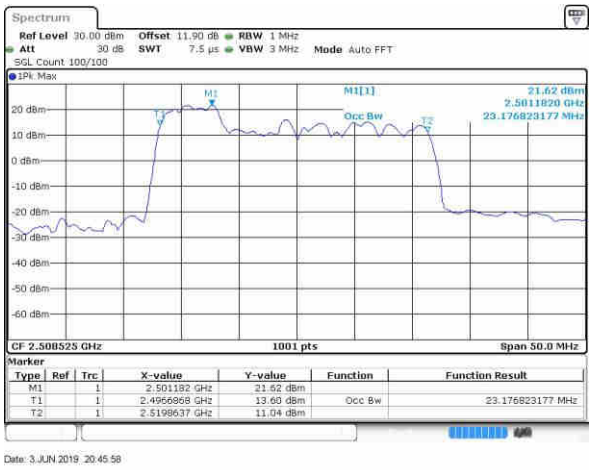
Mode	LTE Band 41 : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.08	23.33	27.99	23.58	28.53
Middle CH	22.88	23.33	27.99	23.53	28.59
Highest CH	22.83	23.38	28.11	23.33	28.23
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	23.28	27.93	32.52	37.48
Middle CH	32.66	23.38	28.23	32.80	37.64
Highest CH	32.52	23.23	27.93	32.87	37.88

Mode	LTE Band 41 : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.13	23.13	27.69	23.38	28.41
Middle CH	23.33	23.23	27.93	23.33	28.53
Highest CH	23.28	23.33	28.23	23.23	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.94	23.33	27.93	32.80	37.88
Middle CH	32.66	23.43	28.11	32.66	37.72
Highest CH	32.87	23.23	28.05	32.73	37.72

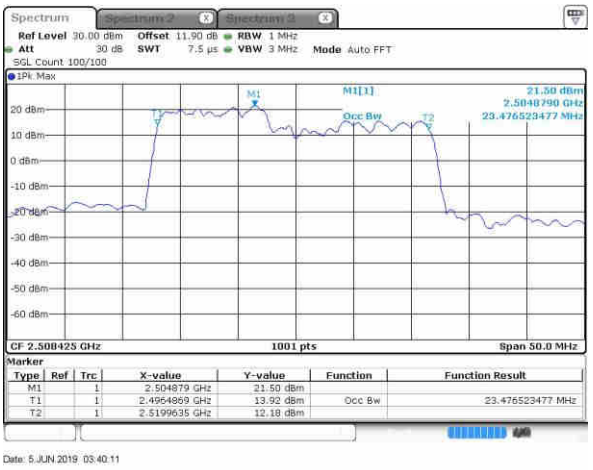
LTE Band 41

QPSK

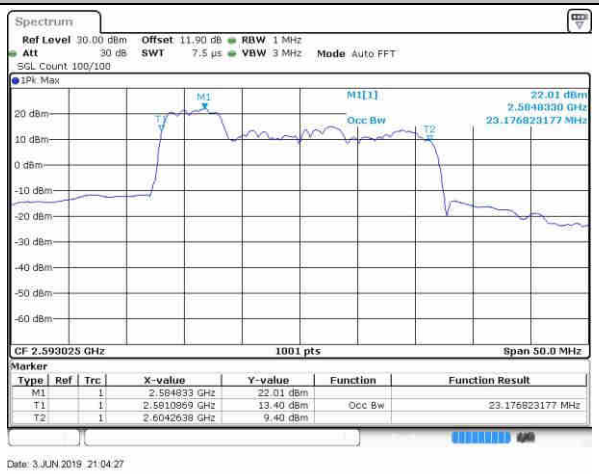
Lowest Channel / 5MHz+20MHz



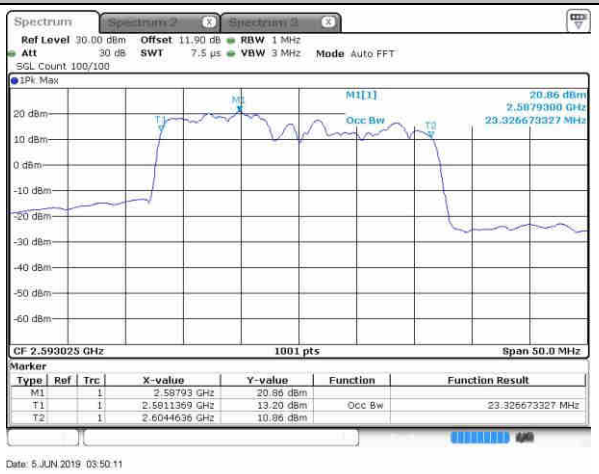
Lowest Channel / 10MHz+15MHz



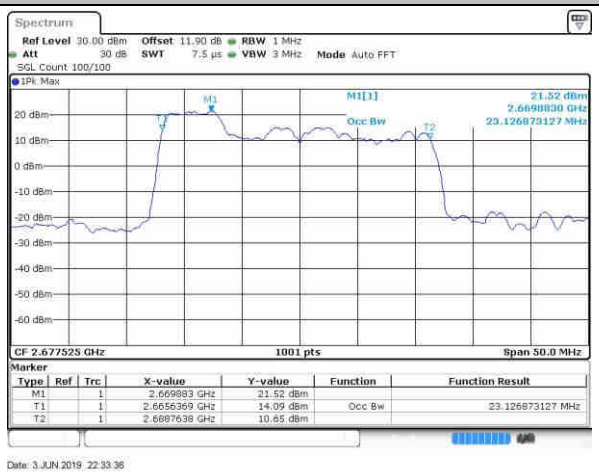
Middle Channel / 5MHz+20MHz



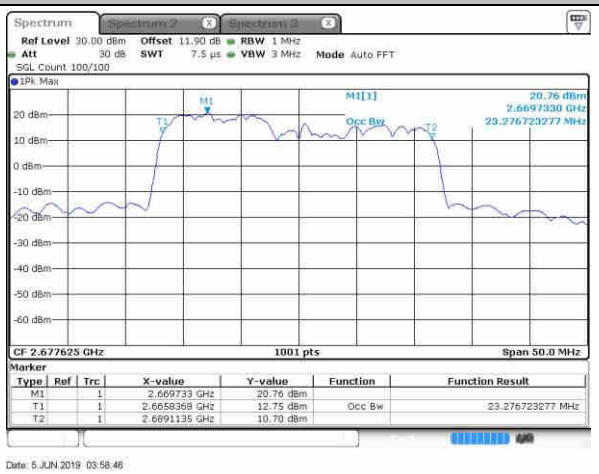
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



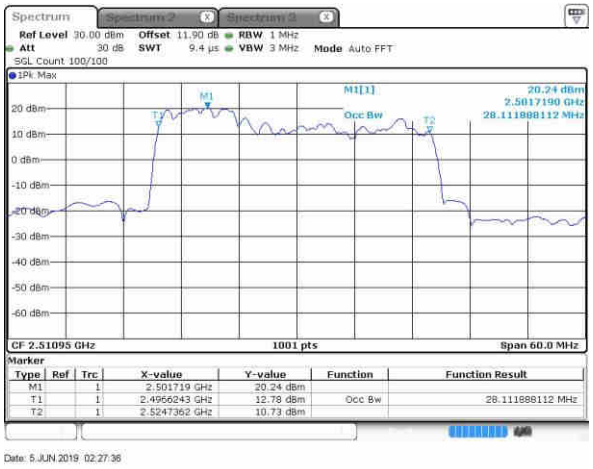
Highest Channel / 10MHz+15MHz



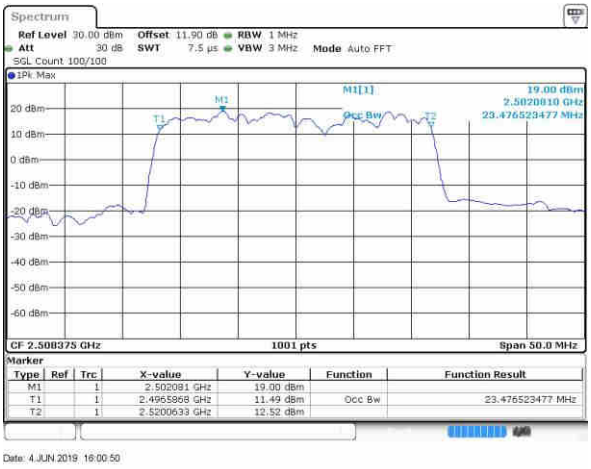
LTE Band 41

QPSK

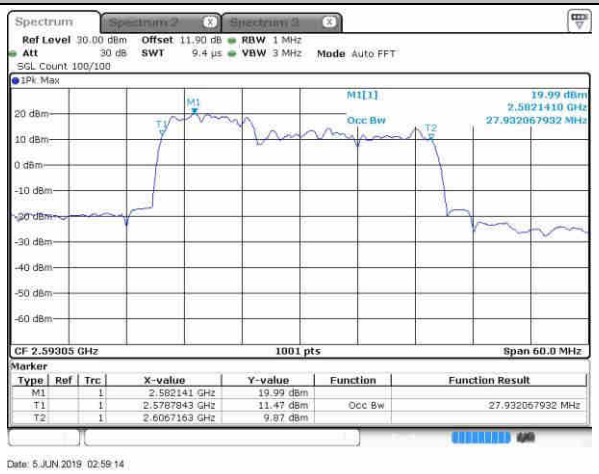
Lowest Channel / 10MHz+20MHz



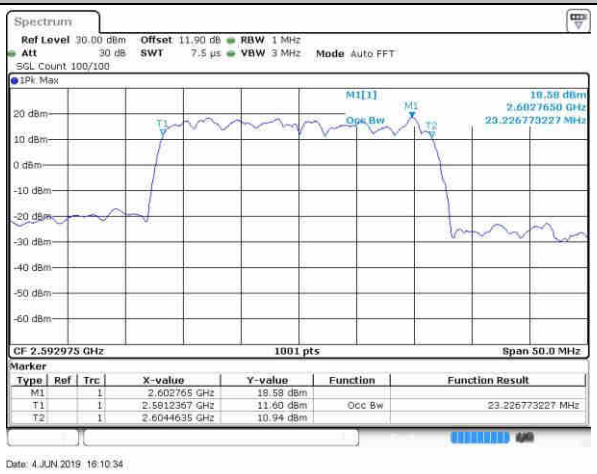
Lowest Channel / 15MHz+10MHz



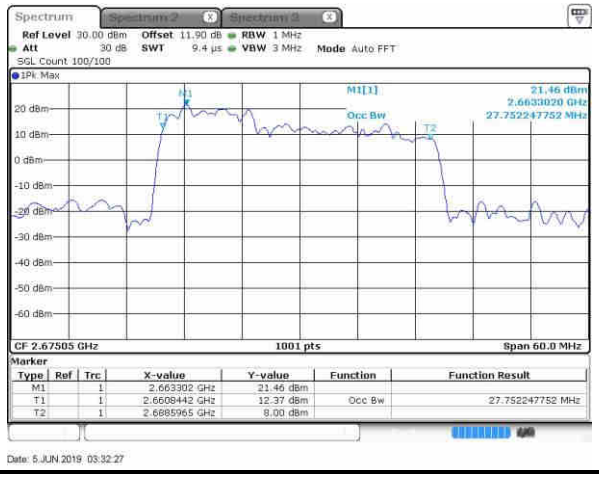
Middle Channel / 10MHz+20MHz



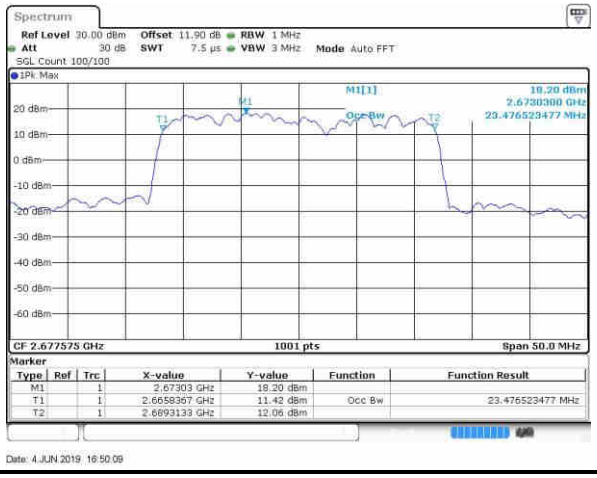
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



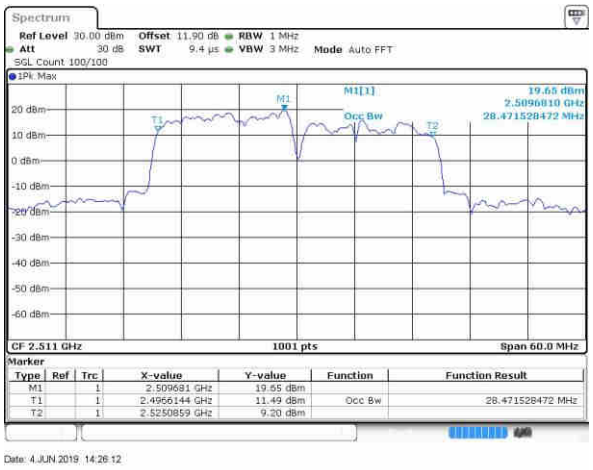
Highest Channel / 15MHz+10MHz



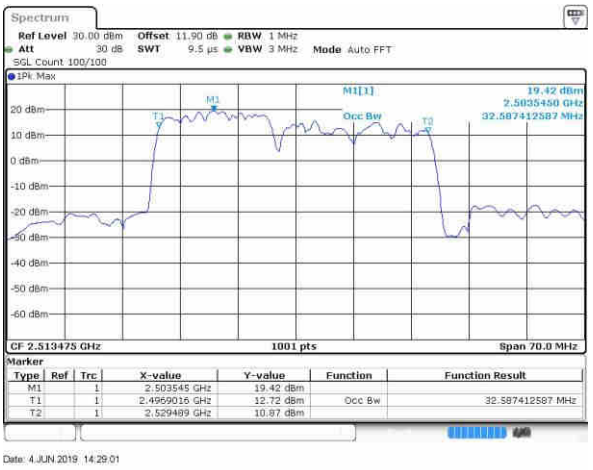
LTE Band 41

QPSK

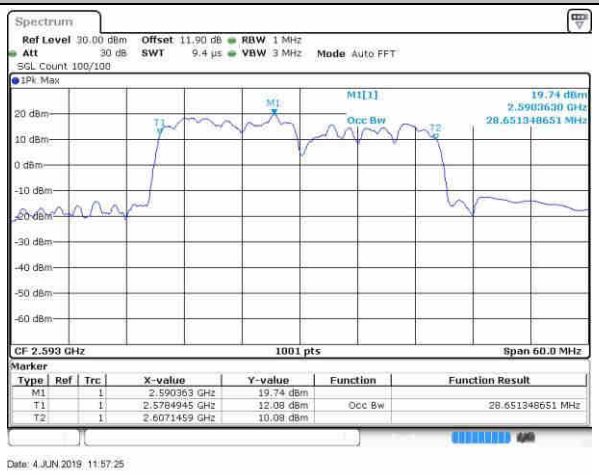
Lowest Channel / 15MHz+15MHz



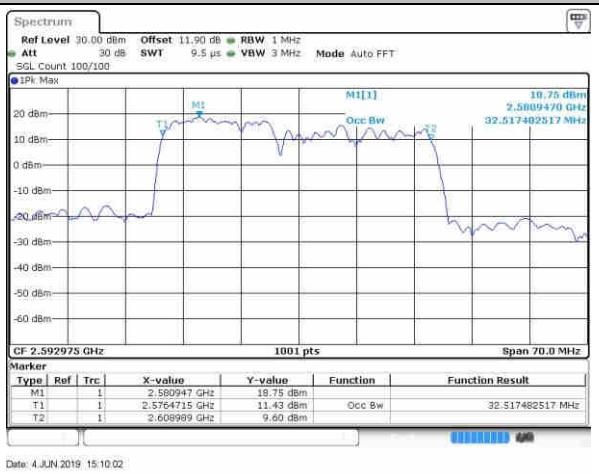
Lowest Channel / 15MHz+20MHz



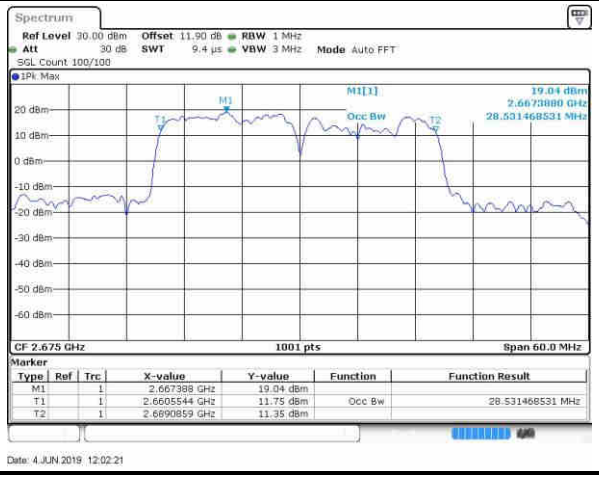
Middle Channel / 15MHz+15MHz



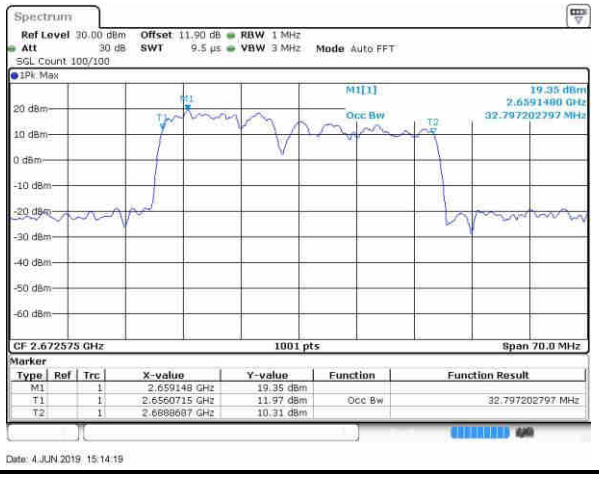
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



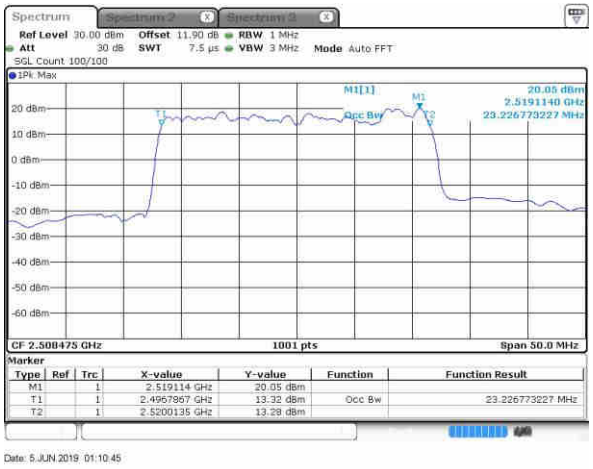
Highest Channel / 15MHz+20MHz



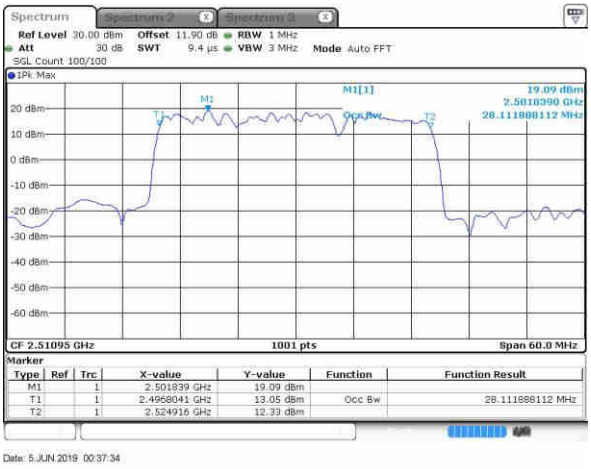
LTE Band 41

QPSK

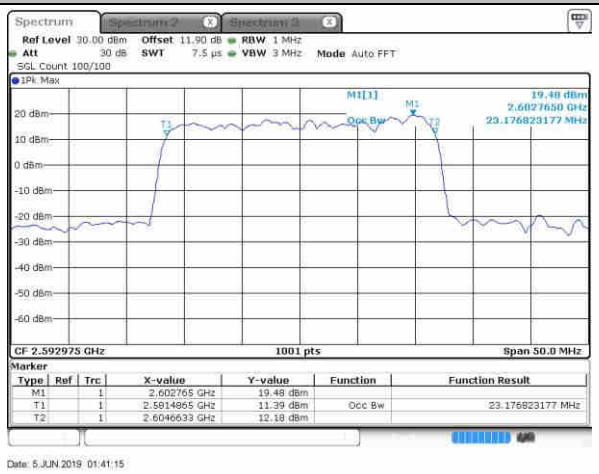
Lowest Channel / 20MHz+5MHz



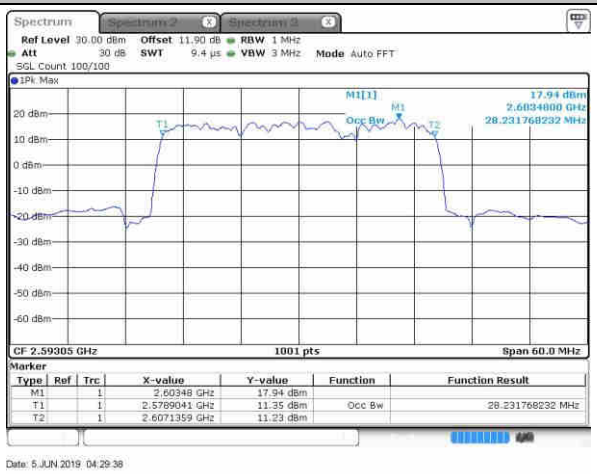
Lowest Channel / 20MHz+10MHz



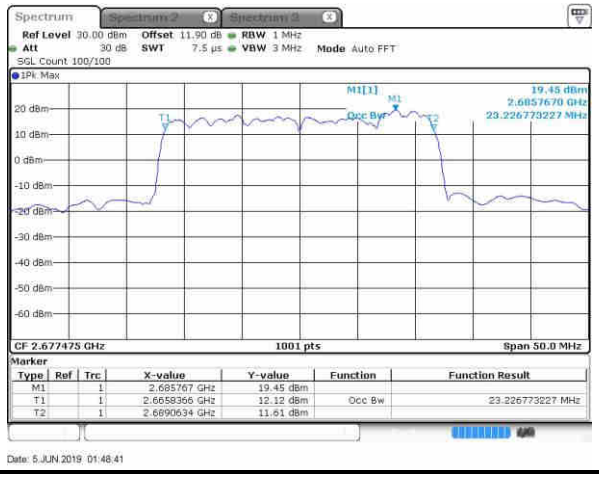
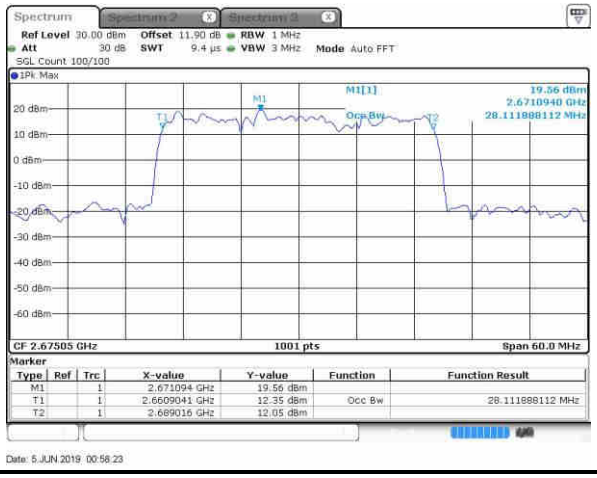
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



Highest Channel / 20MHz+10MHz