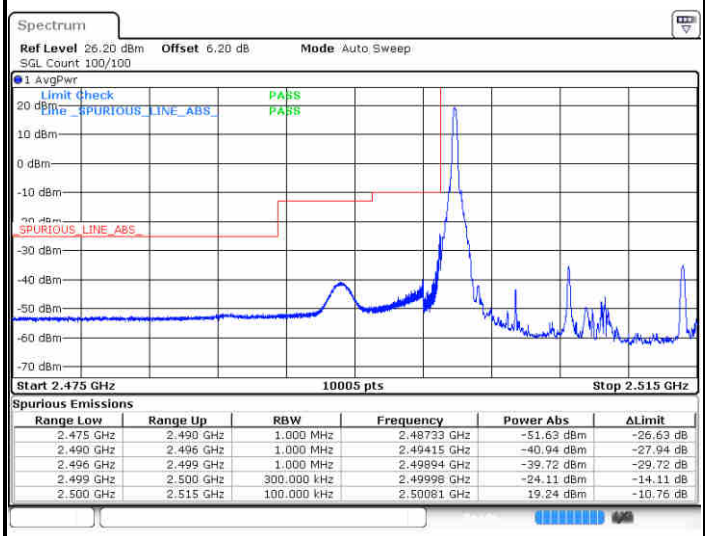
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

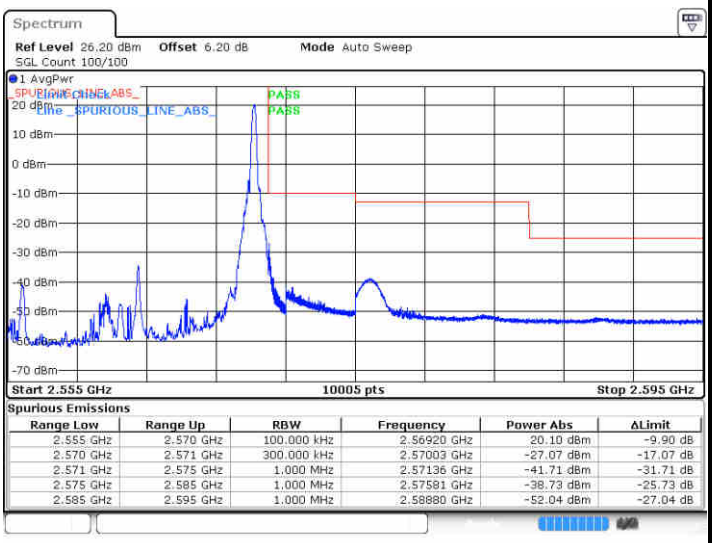


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48733 GHz	-51.63 dBm	-26.63 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49415 GHz	-40.94 dBm	-27.94 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-39.72 dBm	-29.72 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-24.11 dBm	-14.11 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50081 GHz	19.24 dBm	-10.76 dB

Date: 20.OCT.2019 02:38:25

Highest Band Edge / 1 RB

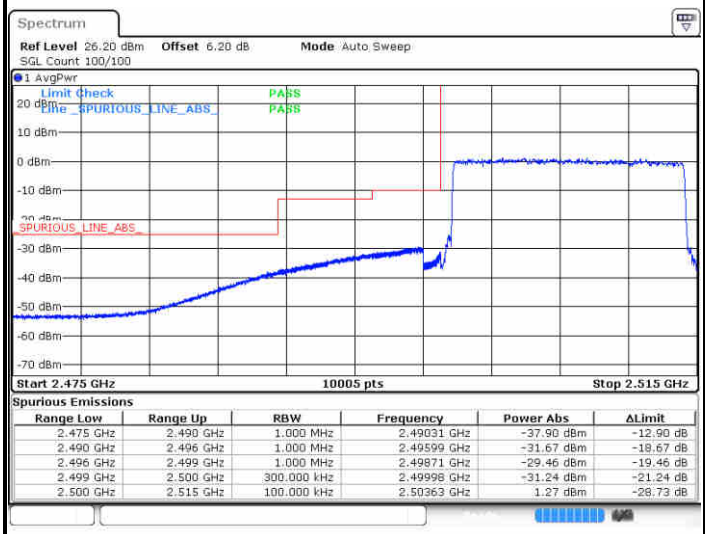


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56920 GHz	20.10 dBm	-9.90 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-27.07 dBm	-17.07 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-41.71 dBm	-31.71 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57581 GHz	-38.73 dBm	-25.73 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58880 GHz	-52.04 dBm	-27.04 dB

Date: 20.OCT.2019 02:44:06

Lowest Band Edge / Full RB

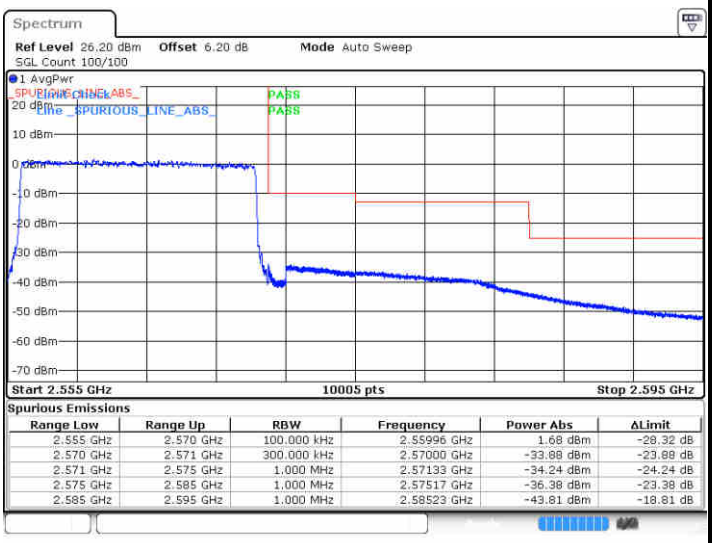


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49031 GHz	-37.90 dBm	-12.90 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-31.67 dBm	-18.67 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49871 GHz	-29.46 dBm	-19.46 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-31.24 dBm	-21.24 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50363 GHz	1.27 dBm	-28.73 dB

Date: 20.OCT.2019 02:39:34

Highest Band Edge / Full RB



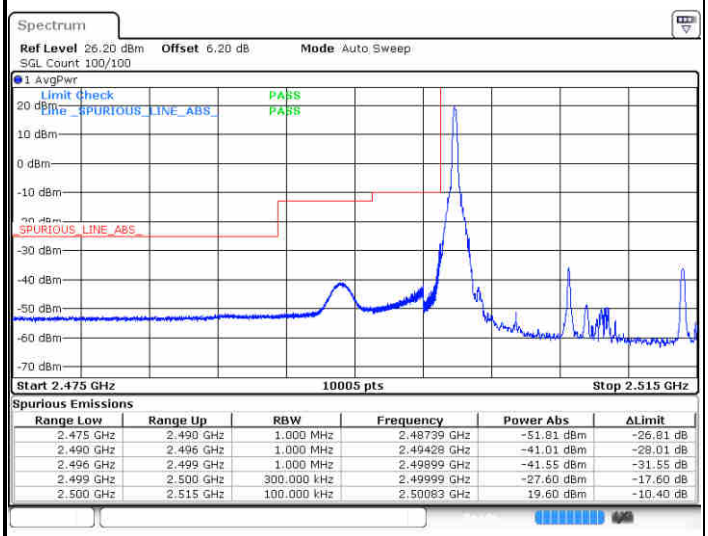
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55996 GHz	1.68 dBm	-28.32 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-33.88 dBm	-23.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57133 GHz	-34.24 dBm	-24.24 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57517 GHz	-36.38 dBm	-23.38 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58523 GHz	-43.81 dBm	-18.81 dB

Date: 20.OCT.2019 02:42:58

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

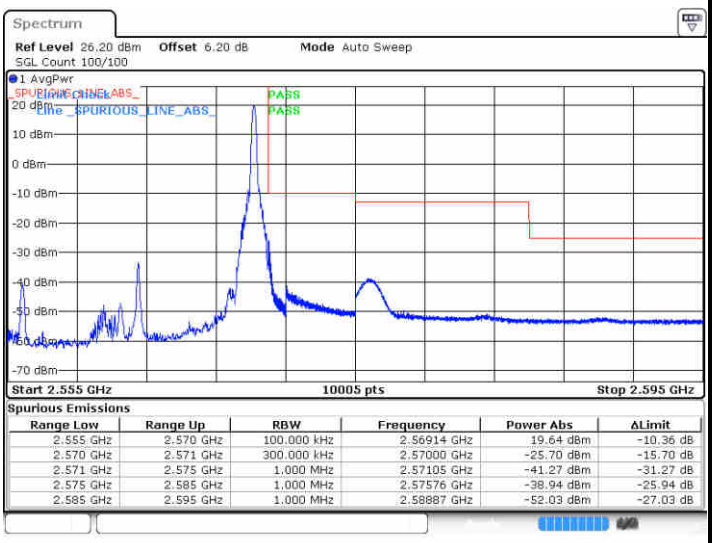


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48739 GHz	-51.81 dBm	-26.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49428 GHz	-41.01 dBm	-28.01 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-41.55 dBm	-31.55 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-27.60 dBm	-17.60 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50083 GHz	19.60 dBm	-10.40 dB

Date: 20.OCT.2019 03:26:51

Highest Band Edge / 1 RB

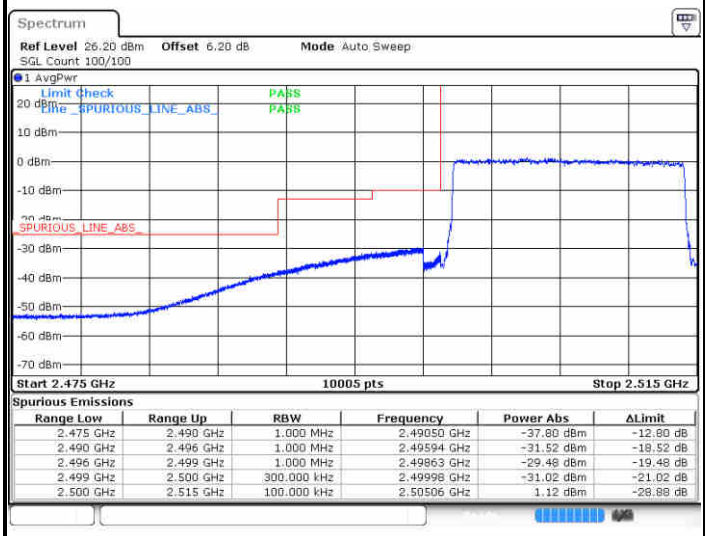


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	19.64 dBm	-10.36 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-25.70 dBm	-15.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-41.27 dBm	-31.27 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57576 GHz	-38.94 dBm	-25.94 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58887 GHz	-52.03 dBm	-27.03 dB

Date: 20.OCT.2019 03:29:07

Lowest Band Edge / Full RB

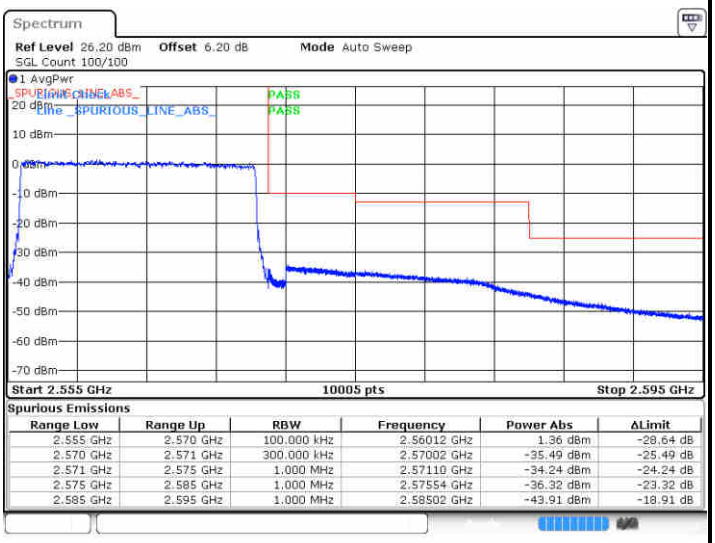


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-37.80 dBm	-12.80 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-31.52 dBm	-18.52 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49863 GHz	-29.48 dBm	-19.48 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-31.02 dBm	-21.02 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50506 GHz	1.12 dBm	-28.88 dB

Date: 20.OCT.2019 03:25:43

Highest Band Edge / Full RB



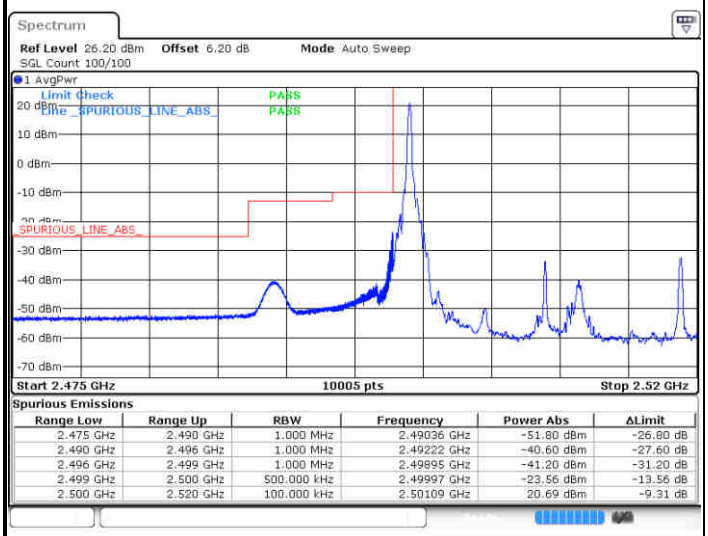
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56012 GHz	1.36 dBm	-28.64 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-35.49 dBm	-25.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-34.24 dBm	-24.24 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57554 GHz	-36.32 dBm	-23.32 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58502 GHz	-43.91 dBm	-18.91 dB

Date: 20.OCT.2019 03:27:59

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

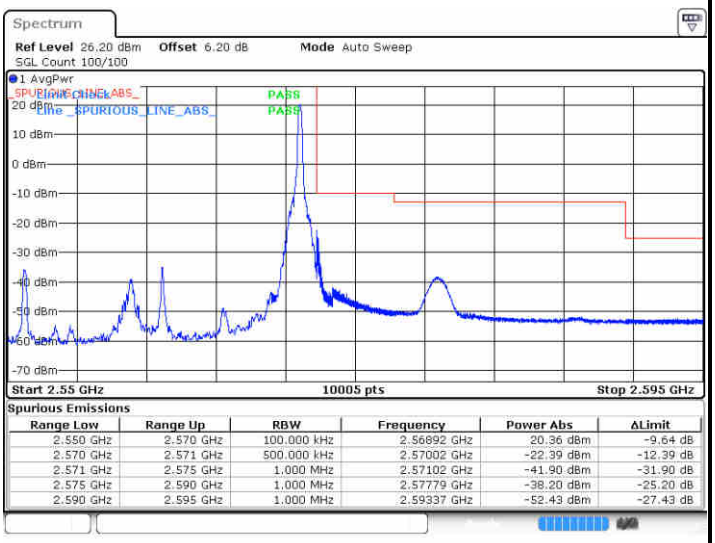


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-51.80 dBm	-26.80 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49222 GHz	-40.60 dBm	-27.60 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-41.20 dBm	-31.20 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-23.56 dBm	-13.56 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	20.69 dBm	-9.31 dB

Date: 20.OCT.2019 02:53:46

Highest Band Edge / 1 RB

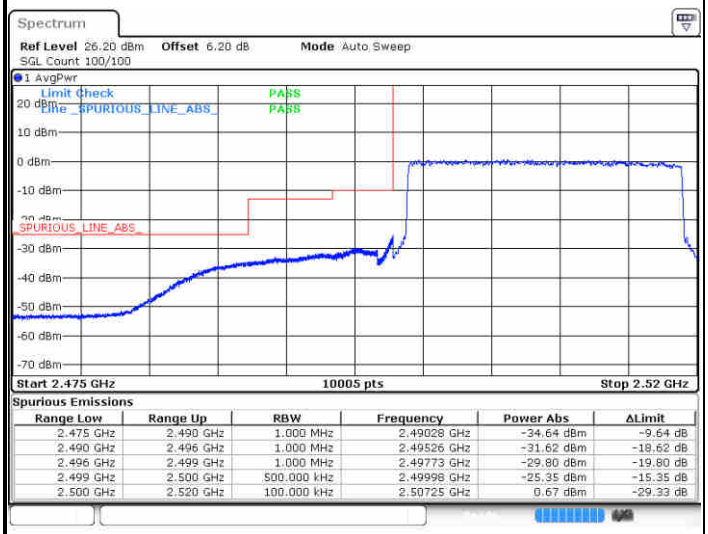


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	20.36 dBm	-9.64 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-22.39 dBm	-12.39 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-41.90 dBm	-31.90 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57779 GHz	-38.20 dBm	-25.20 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59337 GHz	-52.43 dBm	-27.43 dB

Date: 20.OCT.2019 03:01:43

Lowest Band Edge / Full RB

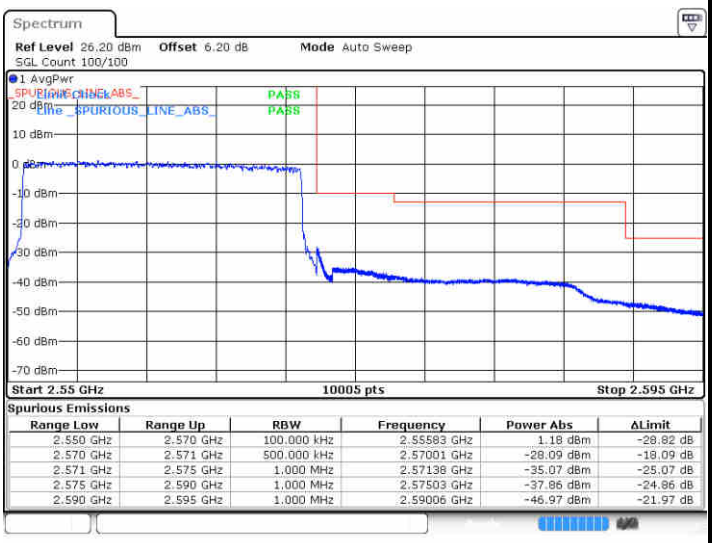


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49028 GHz	-34.64 dBm	-9.64 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49526 GHz	-31.62 dBm	-18.62 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49773 GHz	-29.80 dBm	-19.80 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-25.35 dBm	-15.35 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50725 GHz	0.67 dBm	-29.33 dB

Date: 20.OCT.2019 02:57:11

Highest Band Edge / Full RB



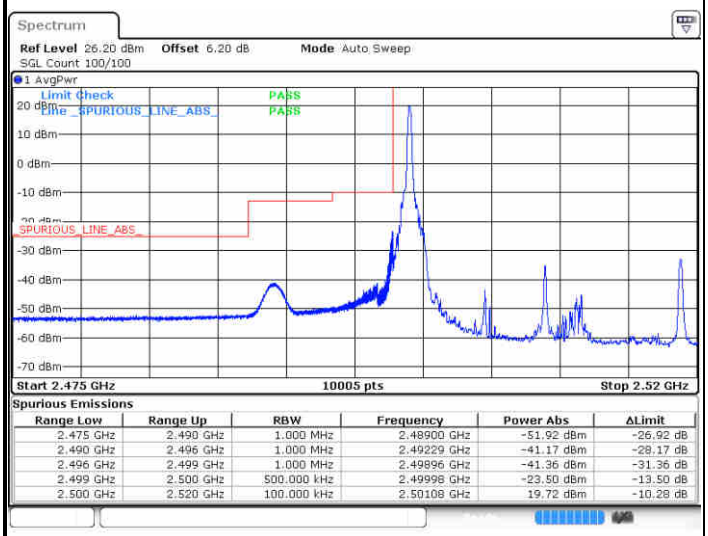
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55583 GHz	1.18 dBm	-28.82 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-28.09 dBm	-18.09 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57138 GHz	-35.07 dBm	-25.07 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-37.86 dBm	-24.86 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59006 GHz	-46.97 dBm	-21.97 dB

Date: 20.OCT.2019 02:58:19

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

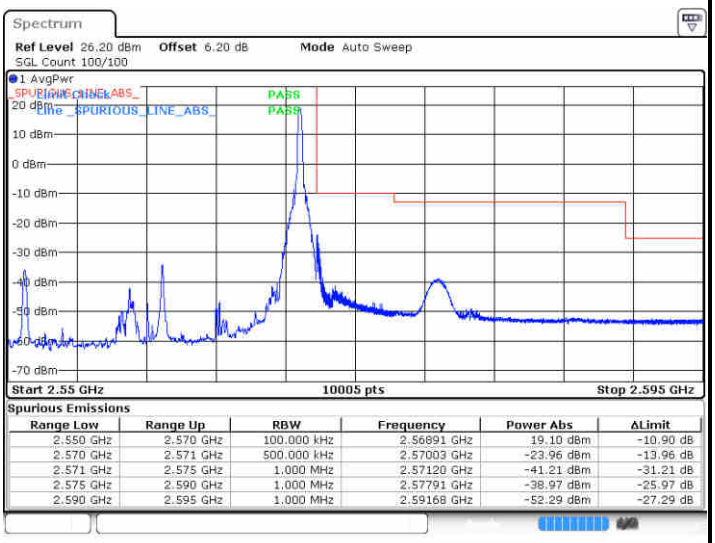


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48900 GHz	-51.92 dBm	-26.92 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49229 GHz	-41.17 dBm	-28.17 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-41.36 dBm	-31.36 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-23.50 dBm	-13.50 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	19.72 dBm	-10.28 dB

Date: 20.OCT.2019 02:54:54

Highest Band Edge / 1RB

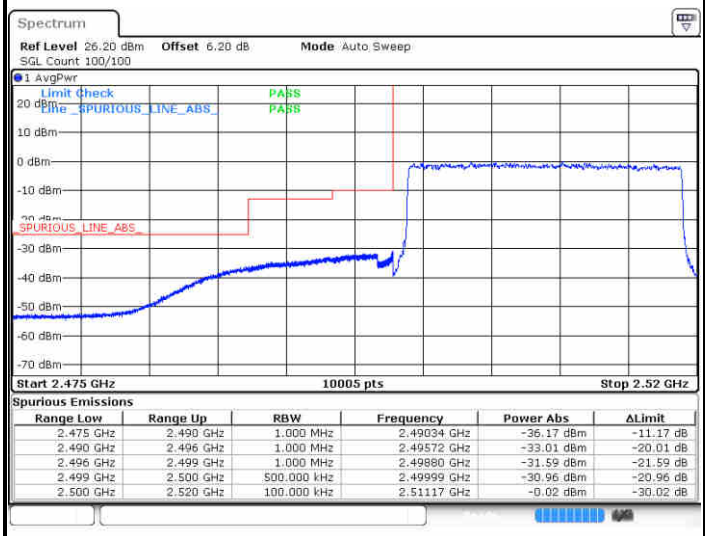


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	19.10 dBm	-10.90 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-23.96 dBm	-13.96 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-41.21 dBm	-31.21 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57791 GHz	-38.97 dBm	-25.97 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59168 GHz	-52.29 dBm	-27.29 dB

Date: 20.OCT.2019 03:00:35

Lowest Band Edge / Full RB

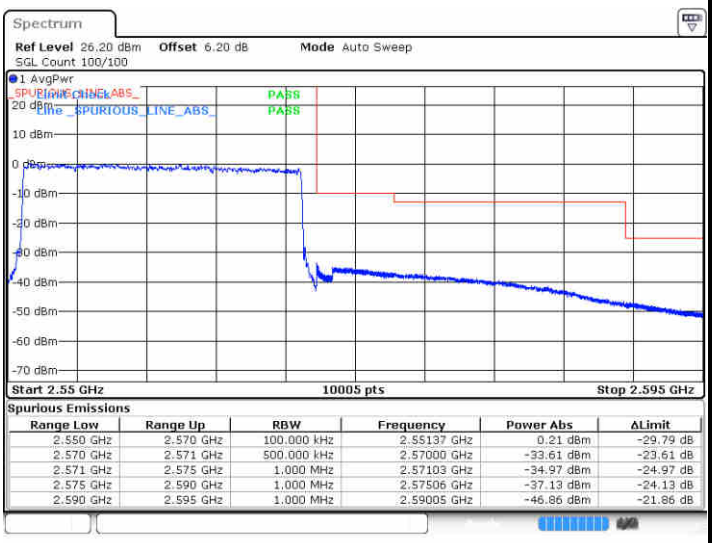


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-36.17 dBm	-11.17 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49572 GHz	-33.01 dBm	-20.01 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49880 GHz	-31.59 dBm	-21.59 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-30.96 dBm	-20.96 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51117 GHz	-0.02 dBm	-30.02 dB

Date: 20.OCT.2019 02:56:03

Highest Band Edge / Full RB



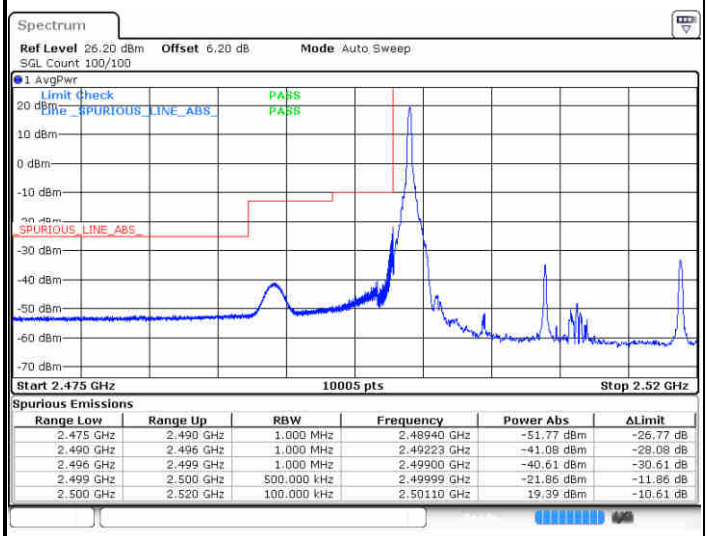
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55137 GHz	0.21 dBm	-29.79 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-33.61 dBm	-23.61 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-34.97 dBm	-24.97 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57506 GHz	-37.13 dBm	-24.13 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59005 GHz	-46.86 dBm	-21.86 dB

Date: 20.OCT.2019 02:59:27

LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

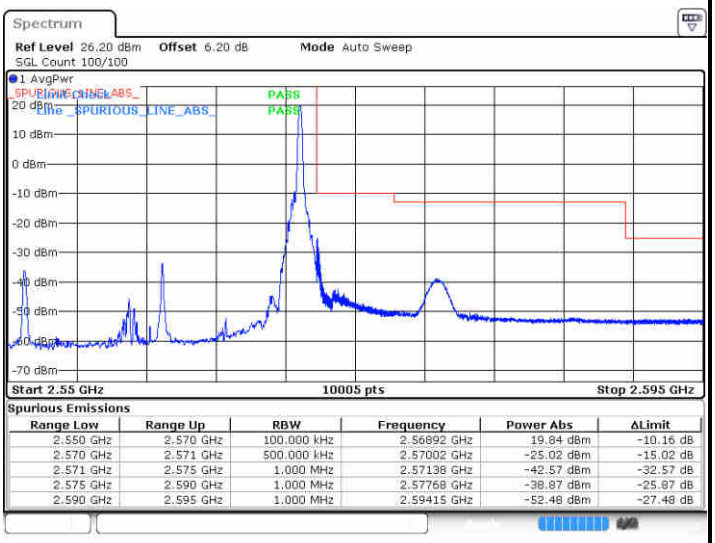


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48940 GHz	-51.77 dBm	-26.77 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49223 GHz	-41.08 dBm	-28.08 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-40.61 dBm	-30.61 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-21.86 dBm	-11.86 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	19.39 dBm	-10.61 dB

Date: 20.OCT.2019 03:35:06

Highest Band Edge / 1 RB

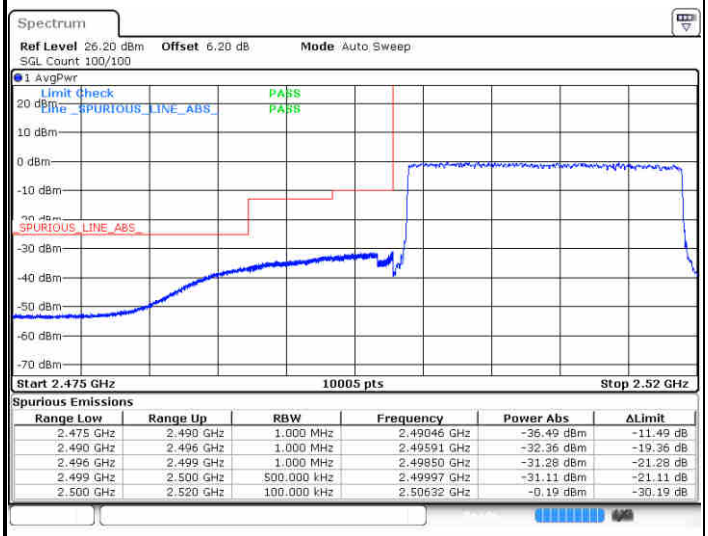


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.84 dBm	-10.16 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-25.02 dBm	-15.02 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57138 GHz	-42.57 dBm	-32.57 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57768 GHz	-38.87 dBm	-25.87 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59415 GHz	-52.48 dBm	-27.48 dB

Date: 20.OCT.2019 03:37:22

Lowest Band Edge / Full RB

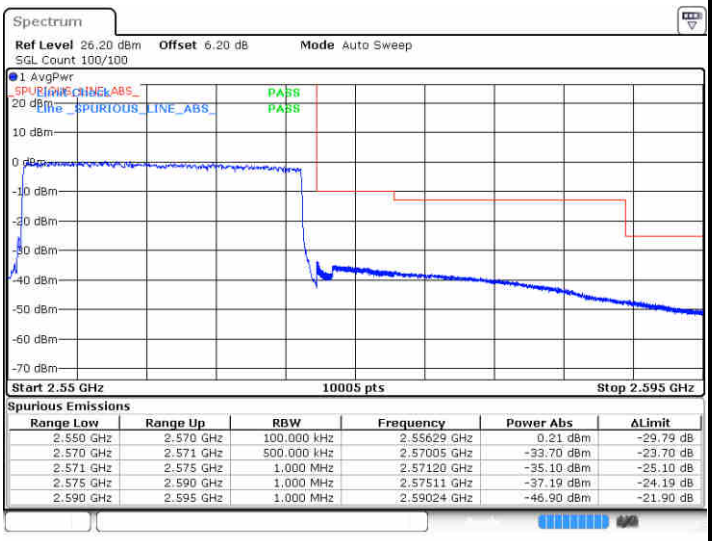


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-36.49 dBm	-11.49 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-32.36 dBm	-19.36 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49850 GHz	-31.28 dBm	-21.28 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-31.11 dBm	-21.11 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50632 GHz	-0.19 dBm	-30.19 dB

Date: 20.OCT.2019 03:33:57

Highest Band Edge / Full RB



Spurious Emissions

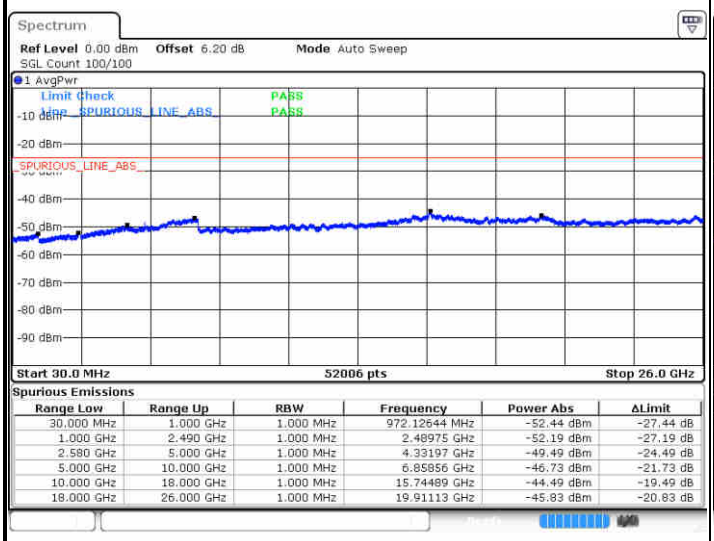
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55629 GHz	0.21 dBm	-29.79 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57005 GHz	-33.70 dBm	-23.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-35.10 dBm	-25.10 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57511 GHz	-37.19 dBm	-24.19 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59024 GHz	-46.90 dBm	-21.90 dB

Date: 20.OCT.2019 03:36:14

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

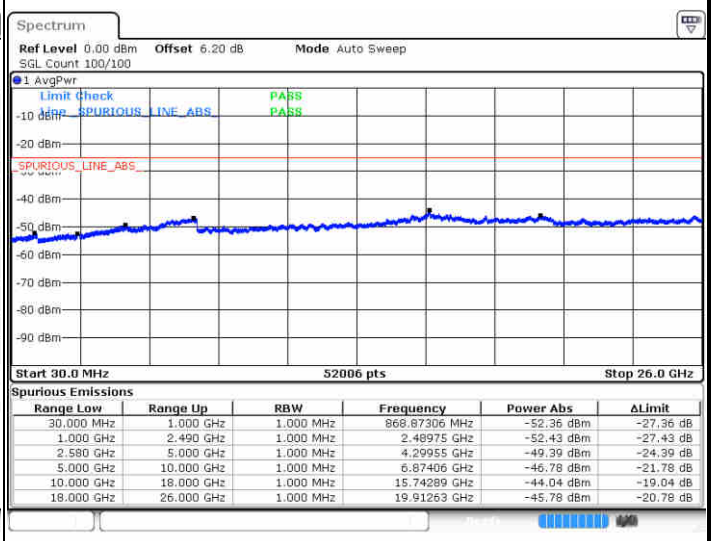


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-52.44 dBm	-27.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-52.19 dBm	-27.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33197 GHz	-49.49 dBm	-24.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85856 GHz	-46.73 dBm	-21.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74489 GHz	-44.49 dBm	-19.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91113 GHz	-45.83 dBm	-20.83 dB

Date: 20.OCT.2019 01:50:45

Lowest Channel / 16QAM

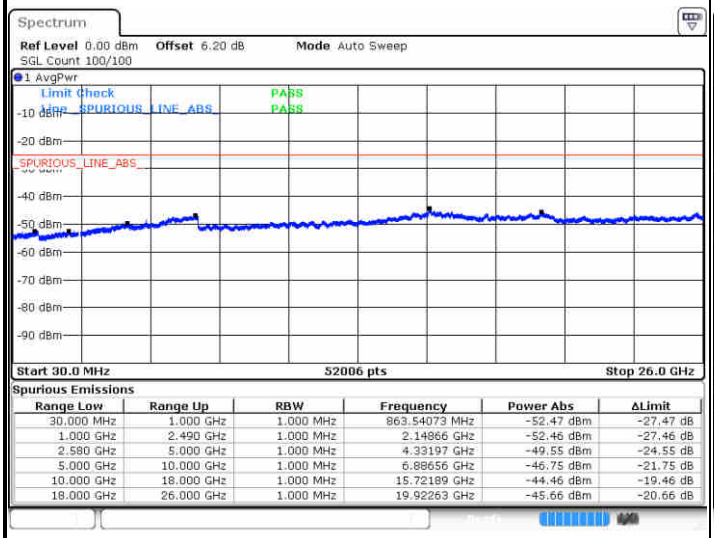


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-52.36 dBm	-27.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-52.43 dBm	-27.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29955 GHz	-49.39 dBm	-24.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87406 GHz	-46.78 dBm	-21.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74289 GHz	-44.04 dBm	-19.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91263 GHz	-45.78 dBm	-20.78 dB

Date: 20.OCT.2019 01:51:39

Middle Channel / QPSK

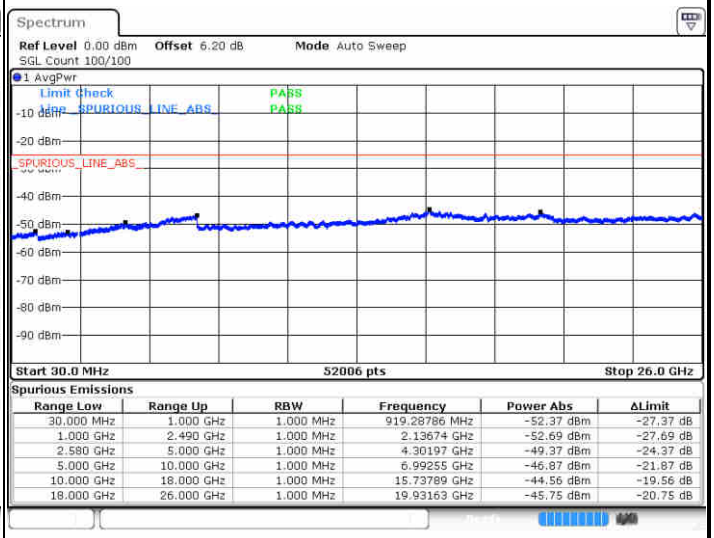


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-52.47 dBm	-27.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14866 GHz	-52.46 dBm	-27.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33197 GHz	-49.55 dBm	-24.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88656 GHz	-46.75 dBm	-21.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72189 GHz	-44.46 dBm	-19.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92263 GHz	-45.66 dBm	-20.66 dB

Date: 20.OCT.2019 01:37:53

Middle Channel / 16QAM



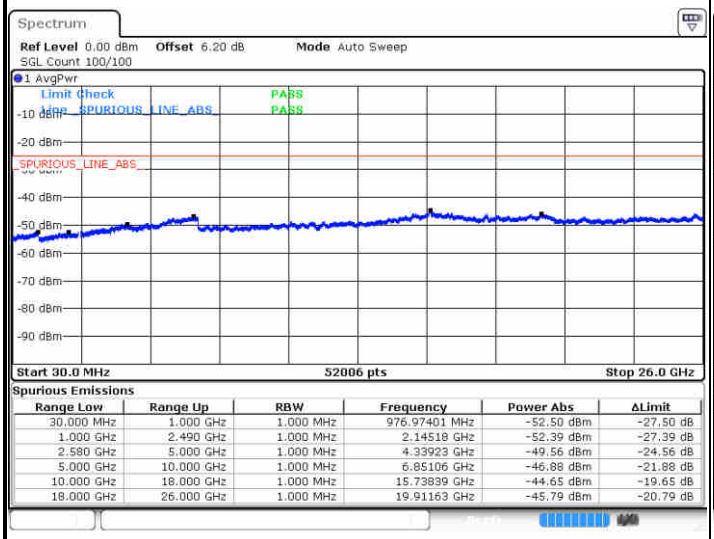
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-52.37 dBm	-27.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13674 GHz	-52.69 dBm	-27.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30197 GHz	-49.37 dBm	-24.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-46.87 dBm	-21.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73789 GHz	-44.56 dBm	-19.56 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93163 GHz	-45.75 dBm	-20.75 dB

Date: 20.OCT.2019 01:52:33

LTE Band 7 / 5MHz

Highest Channel / QPSK

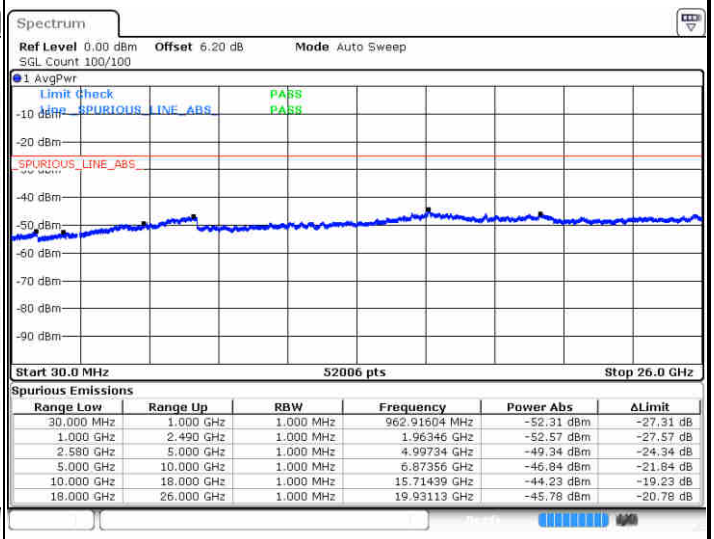


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-52.50 dBm	-27.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14518 GHz	-52.39 dBm	-27.39 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33923 GHz	-49.56 dBm	-24.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85106 GHz	-46.88 dBm	-21.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73839 GHz	-44.65 dBm	-19.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91163 GHz	-45.79 dBm	-20.79 dB

Date: 20.OCT.2019 01:53:27

Highest Channel / 16QAM



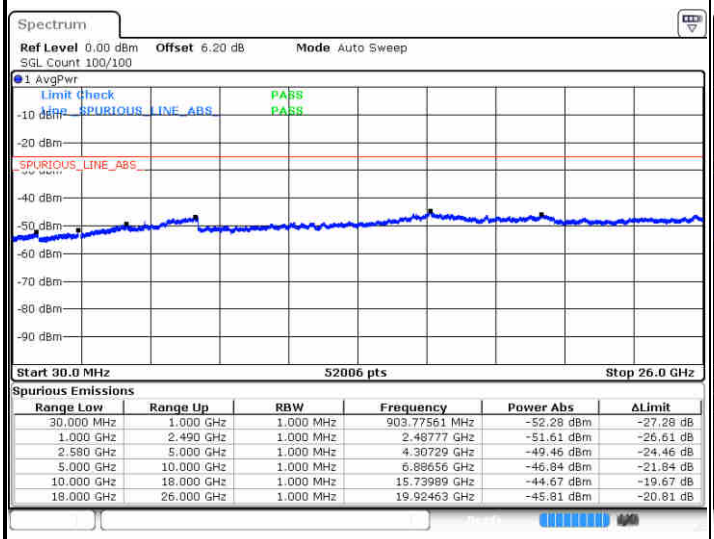
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-52.31 dBm	-27.31 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96346 GHz	-52.57 dBm	-27.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99734 GHz	-49.34 dBm	-24.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87356 GHz	-46.84 dBm	-21.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71439 GHz	-44.23 dBm	-19.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93113 GHz	-45.78 dBm	-20.78 dB

Date: 20.OCT.2019 01:54:20

LTE Band 7 / 10MHz

Lowest Channel / QPSK

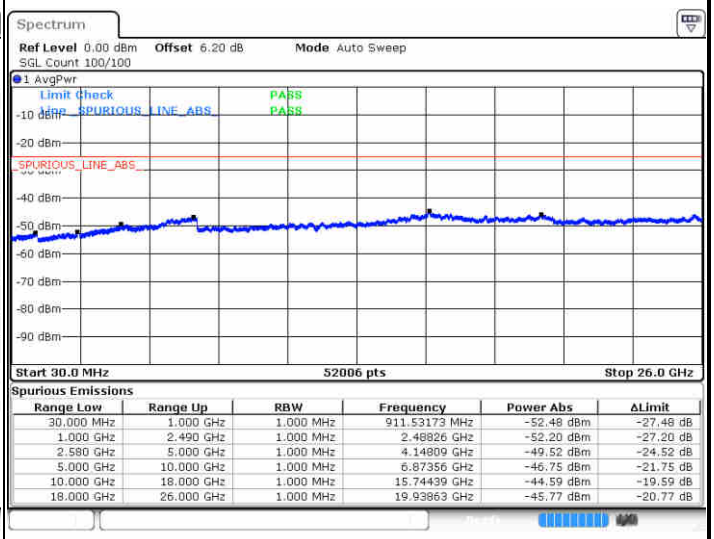


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-52.28 dBm	-27.28 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-51.61 dBm	-26.61 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30729 GHz	-49.46 dBm	-24.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88656 GHz	-46.84 dBm	-21.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73989 GHz	-44.67 dBm	-19.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92463 GHz	-45.81 dBm	-20.81 dB

Date: 20.OCT.2019 02:29:39

Lowest Channel / 16QAM



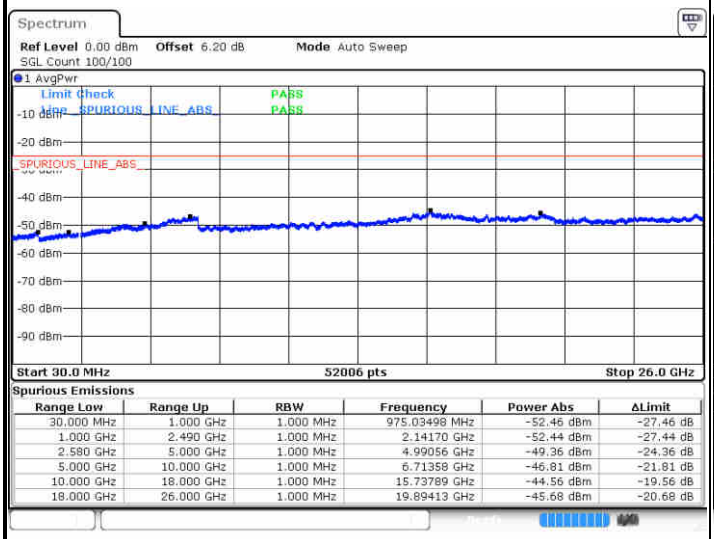
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-52.48 dBm	-27.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-52.20 dBm	-27.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14809 GHz	-49.52 dBm	-24.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87356 GHz	-46.75 dBm	-21.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74439 GHz	-44.59 dBm	-19.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93863 GHz	-45.77 dBm	-20.77 dB

Date: 20.OCT.2019 02:30:32

LTE Band 7 / 10MHz

Middle Channel / QPSK

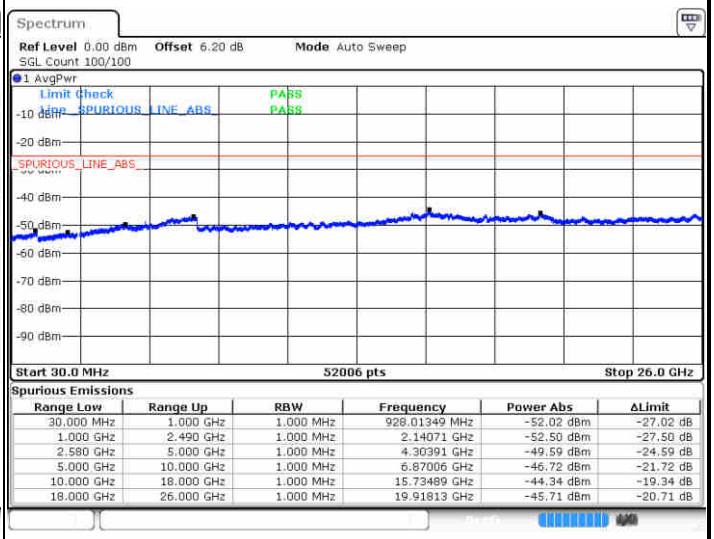


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-52.46 dBm	-27.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14170 GHz	-52.44 dBm	-27.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-49.36 dBm	-24.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.71358 GHz	-46.81 dBm	-21.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73789 GHz	-44.56 dBm	-19.56 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89413 GHz	-45.68 dBm	-20.68 dB

Date: 20.OCT.2019 02:32:20

Middle Channel / 16QAM

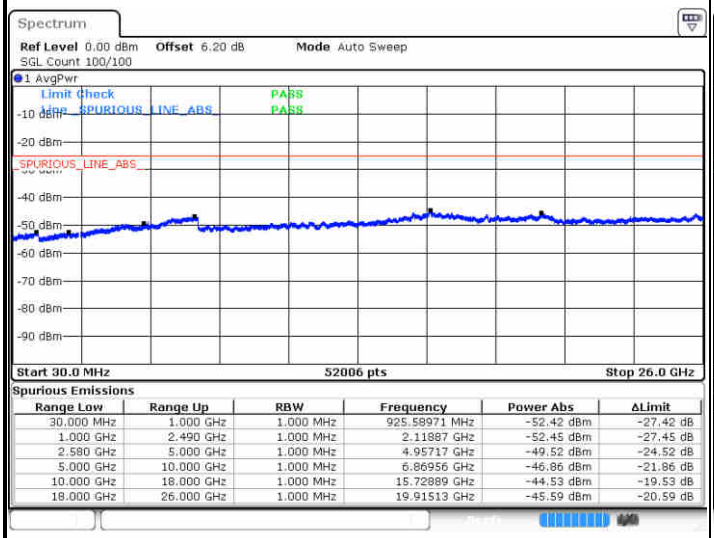


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-52.02 dBm	-27.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14071 GHz	-52.50 dBm	-27.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30391 GHz	-49.59 dBm	-24.59 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87006 GHz	-46.72 dBm	-21.72 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73489 GHz	-44.34 dBm	-19.34 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91813 GHz	-45.71 dBm	-20.71 dB

Date: 20.OCT.2019 02:31:26

Highest Channel / QPSK

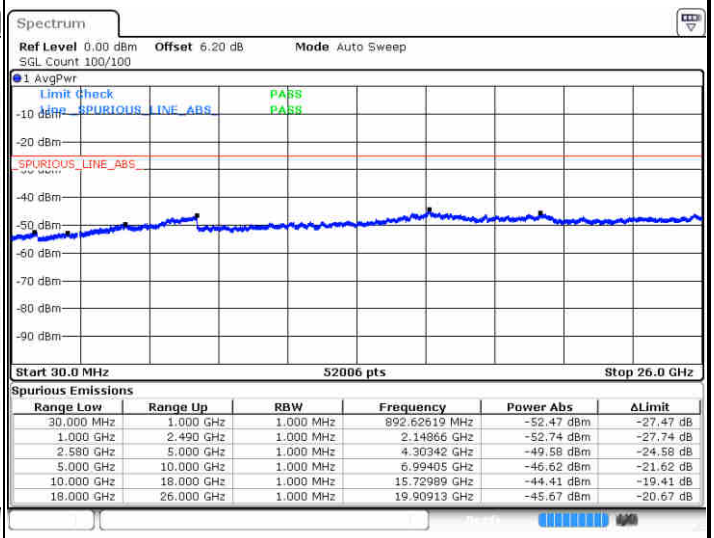


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-52.42 dBm	-27.42 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11887 GHz	-52.45 dBm	-27.45 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95717 GHz	-49.52 dBm	-24.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86956 GHz	-46.86 dBm	-21.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72889 GHz	-44.53 dBm	-19.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91513 GHz	-45.59 dBm	-20.59 dB

Date: 20.OCT.2019 02:33:14

Highest Channel / 16QAM



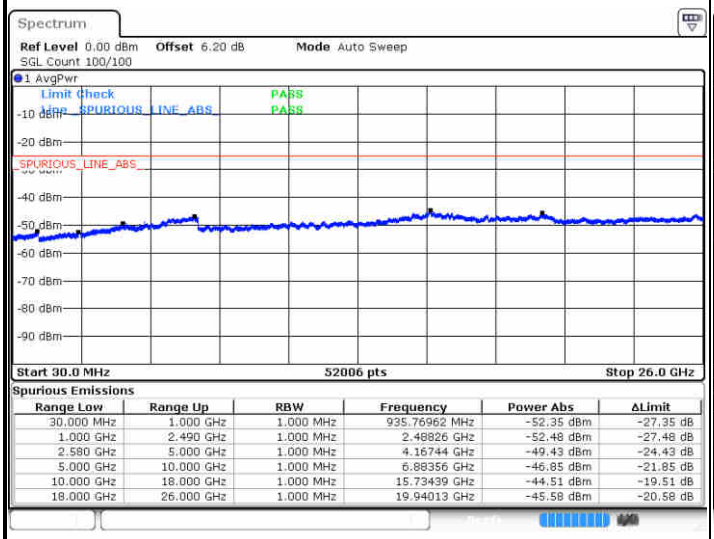
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-52.47 dBm	-27.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14866 GHz	-52.74 dBm	-27.74 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30342 GHz	-49.58 dBm	-24.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99405 GHz	-46.62 dBm	-21.62 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72989 GHz	-44.41 dBm	-19.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90913 GHz	-45.67 dBm	-20.67 dB

Date: 20.OCT.2019 02:34:07

LTE Band 7 / 15MHz

Lowest Channel / QPSK

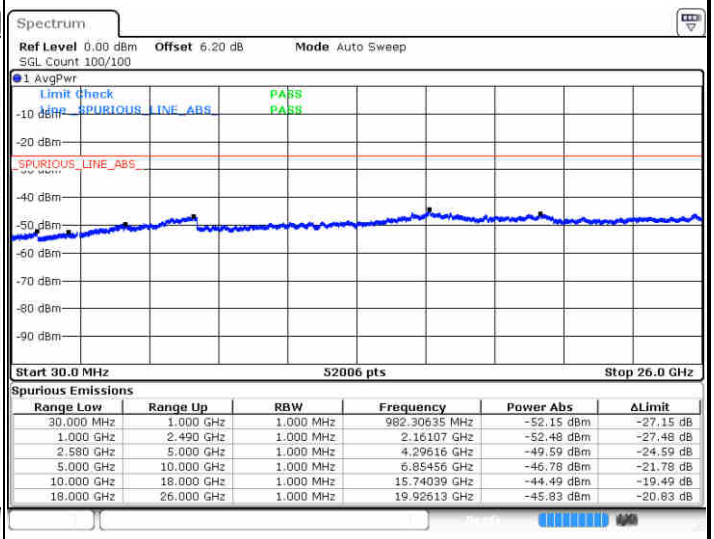


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.76962 MHz	-52.35 dBm	-27.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-52.48 dBm	-27.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.16744 GHz	-49.43 dBm	-24.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88356 GHz	-46.85 dBm	-21.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73439 GHz	-44.51 dBm	-19.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94013 GHz	-45.58 dBm	-20.58 dB

Date: 20.OCT.2019 02:46:07

Lowest Channel / 16QAM

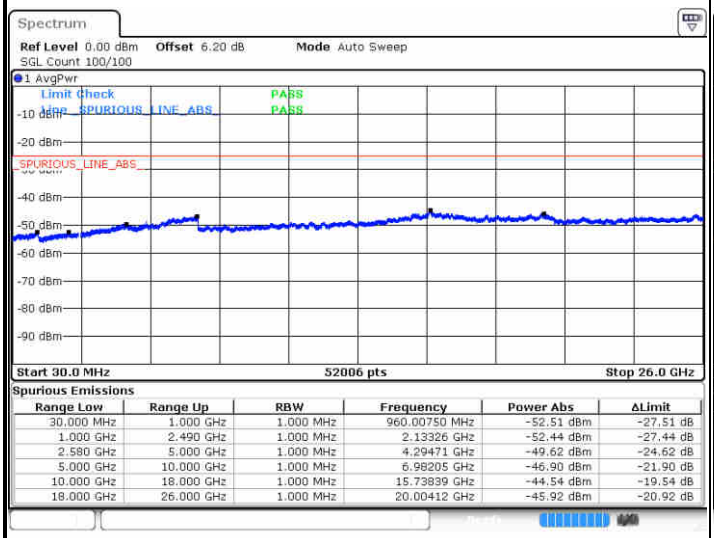


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-52.15 dBm	-27.15 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.16107 GHz	-52.48 dBm	-27.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29616 GHz	-49.59 dBm	-24.59 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85456 GHz	-46.78 dBm	-21.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74039 GHz	-44.49 dBm	-19.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92613 GHz	-45.83 dBm	-20.83 dB

Date: 20.OCT.2019 02:47:01

Middle Channel / QPSK

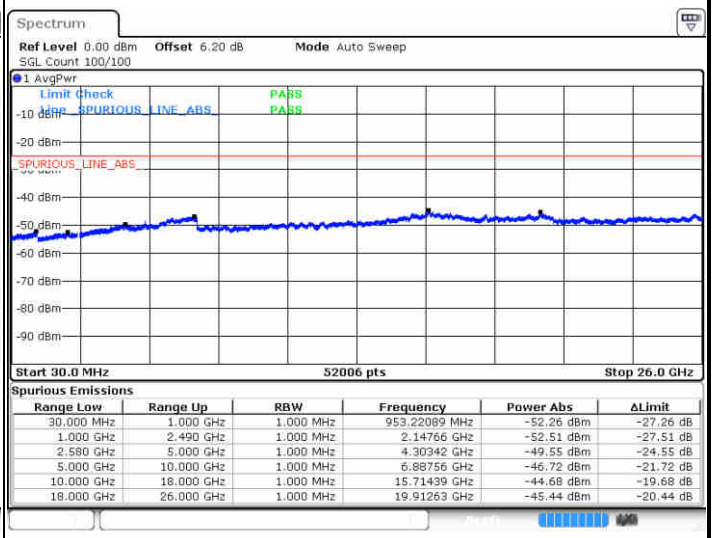


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-52.51 dBm	-27.51 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13326 GHz	-52.44 dBm	-27.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29471 GHz	-49.62 dBm	-24.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98205 GHz	-46.90 dBm	-21.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73839 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.00412 GHz	-45.92 dBm	-20.92 dB

Date: 20.OCT.2019 02:48:48

Middle Channel / 16QAM



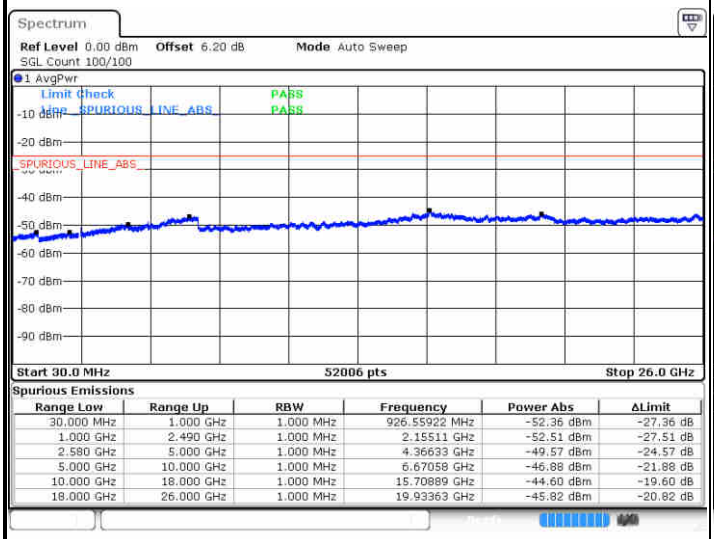
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-52.26 dBm	-27.26 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14766 GHz	-52.51 dBm	-27.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30342 GHz	-49.55 dBm	-24.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88756 GHz	-46.72 dBm	-21.72 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71439 GHz	-44.68 dBm	-19.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91263 GHz	-45.44 dBm	-20.44 dB

Date: 20.OCT.2019 02:47:55

LTE Band7 / 15MHz

Highest Channel / QPSK

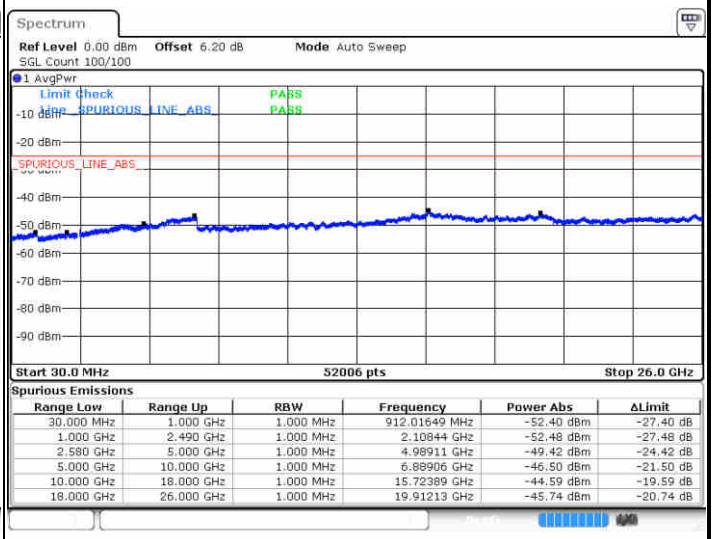


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-52.36 dBm	-27.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15511 GHz	-52.51 dBm	-27.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.36633 GHz	-49.57 dBm	-24.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.67058 GHz	-46.88 dBm	-21.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.70889 GHz	-44.60 dBm	-19.60 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93363 GHz	-45.82 dBm	-20.82 dB

Date: 20.OCT.2019 02:49:42

Highest Channel / 16QAM



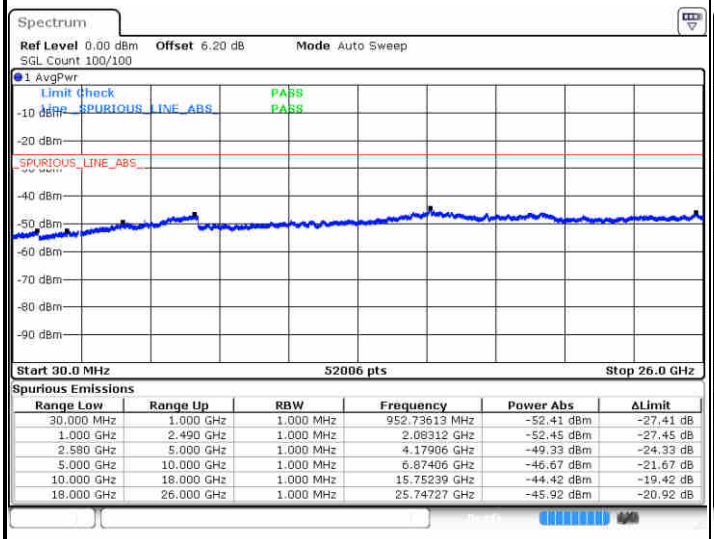
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-52.40 dBm	-27.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.10844 GHz	-52.48 dBm	-27.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-49.42 dBm	-24.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88906 GHz	-46.50 dBm	-21.50 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72389 GHz	-44.59 dBm	-19.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91213 GHz	-45.74 dBm	-20.74 dB

Date: 20.OCT.2019 02:50:36

LTE Band 7 / 20MHz

Lowest Channel / QPSK

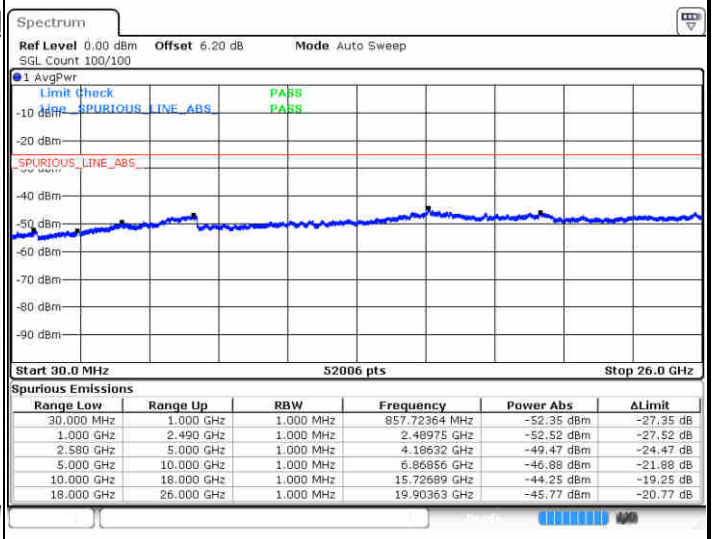


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-52.41 dBm	-27.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.08312 GHz	-52.45 dBm	-27.45 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17906 GHz	-49.33 dBm	-24.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87406 GHz	-46.67 dBm	-21.67 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75239 GHz	-44.42 dBm	-19.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.74727 GHz	-45.92 dBm	-20.92 dB

Date: 20.OCT.2019 03:02:36

Lowest Channel / 16QAM



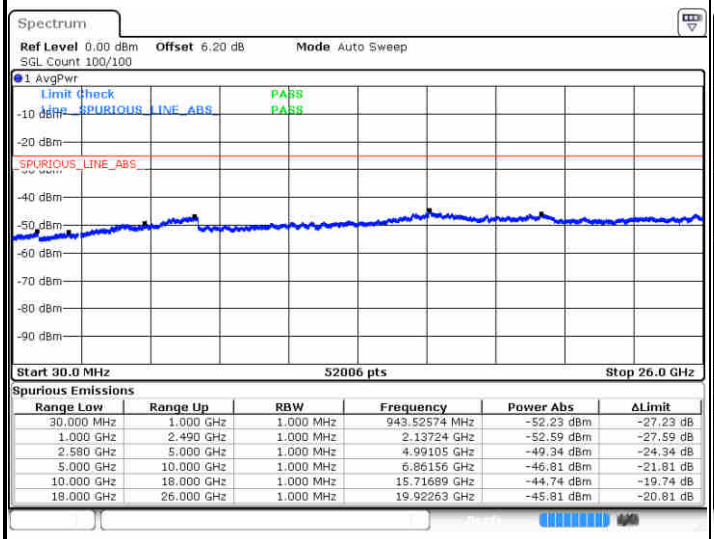
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	857.72364 MHz	-52.35 dBm	-27.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-52.52 dBm	-27.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18632 GHz	-49.47 dBm	-24.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86856 GHz	-46.88 dBm	-21.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72689 GHz	-44.25 dBm	-19.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90363 GHz	-45.77 dBm	-20.77 dB

Date: 20.OCT.2019 03:03:29

LTE Band 7 / 20MHz

Middle Channel / QPSK

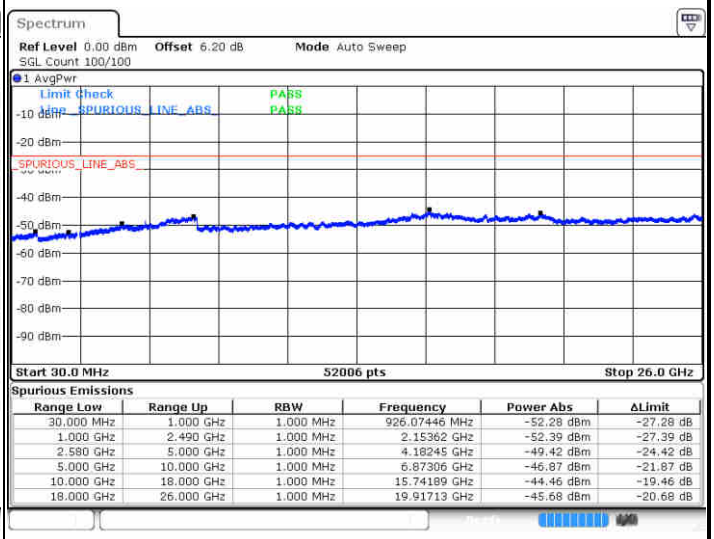


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-52.23 dBm	-27.23 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13724 GHz	-52.59 dBm	-27.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99105 GHz	-49.34 dBm	-24.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86156 GHz	-46.81 dBm	-21.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71689 GHz	-44.74 dBm	-19.74 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92263 GHz	-45.81 dBm	-20.81 dB

Date: 20.OCT.2019 03:05:17

Middle Channel / 16QAM

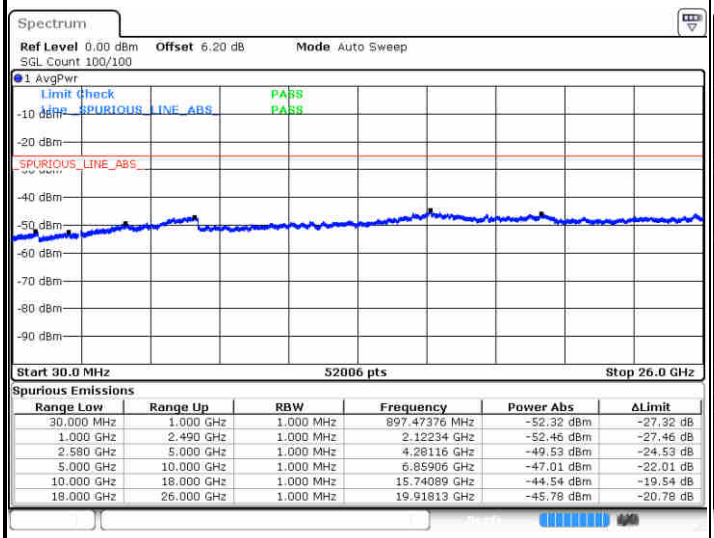


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-52.28 dBm	-27.28 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15362 GHz	-52.39 dBm	-27.39 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18245 GHz	-49.42 dBm	-24.42 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87306 GHz	-46.87 dBm	-21.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74189 GHz	-44.46 dBm	-19.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91713 GHz	-45.68 dBm	-20.68 dB

Date: 20.OCT.2019 03:04:23

Highest Channel / QPSK

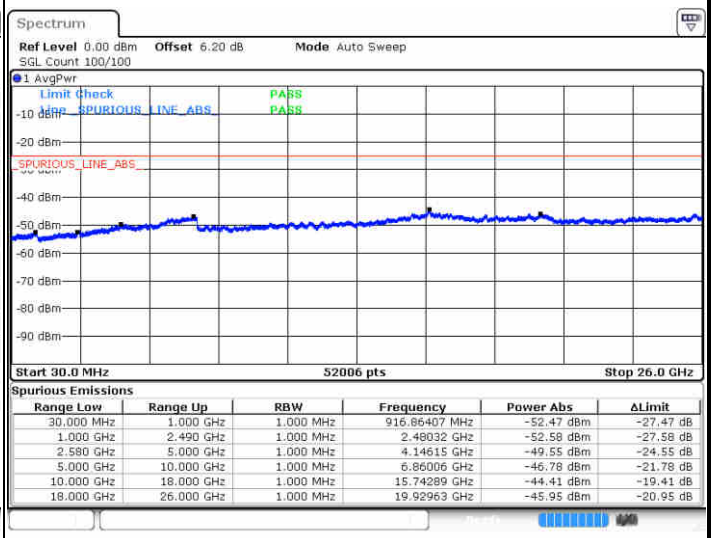


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-52.32 dBm	-27.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12234 GHz	-52.46 dBm	-27.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.28116 GHz	-49.53 dBm	-24.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85906 GHz	-47.01 dBm	-22.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74089 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91813 GHz	-45.78 dBm	-20.78 dB

Date: 20.OCT.2019 03:06:11

Highest Channel / 16QAM



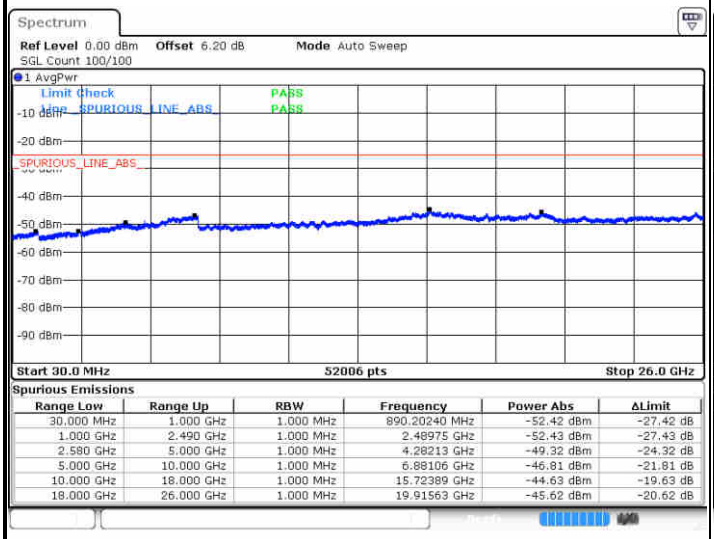
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-52.47 dBm	-27.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48032 GHz	-52.58 dBm	-27.58 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14615 GHz	-49.55 dBm	-24.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86006 GHz	-46.78 dBm	-21.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74289 GHz	-44.41 dBm	-19.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92963 GHz	-45.95 dBm	-20.95 dB

Date: 20.OCT.2019 03:07:05

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

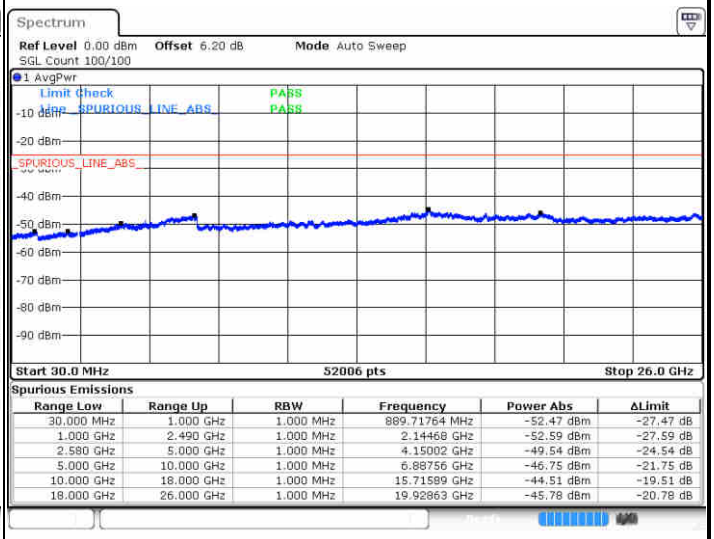


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-52.42 dBm	-27.42 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-52.43 dBm	-27.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.28213 GHz	-49.32 dBm	-24.32 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88106 GHz	-46.81 dBm	-21.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72389 GHz	-44.63 dBm	-19.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91563 GHz	-45.62 dBm	-20.62 dB

Date: 20.OCT.2019 03:08:59

Middle Channel / 64QAM

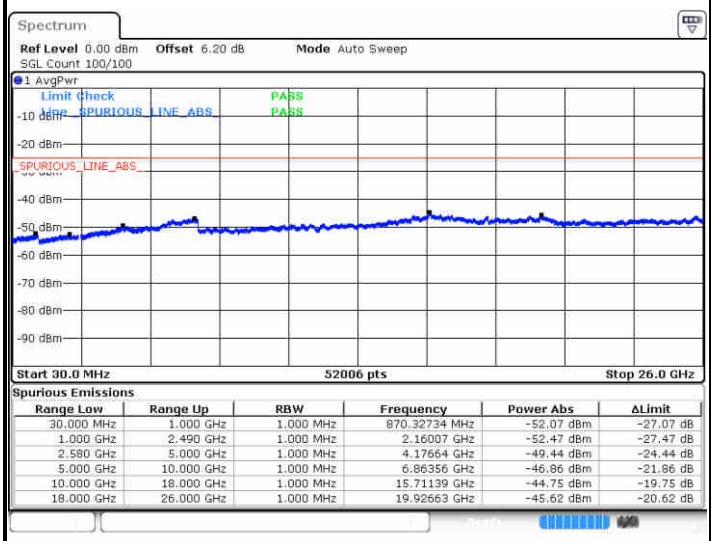


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-52.47 dBm	-27.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14468 GHz	-52.59 dBm	-27.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.15002 GHz	-49.54 dBm	-24.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88756 GHz	-46.75 dBm	-21.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71589 GHz	-44.51 dBm	-19.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92863 GHz	-45.78 dBm	-20.78 dB

Date: 20.OCT.2019 03:09:52

Highest Channel / 64QAM



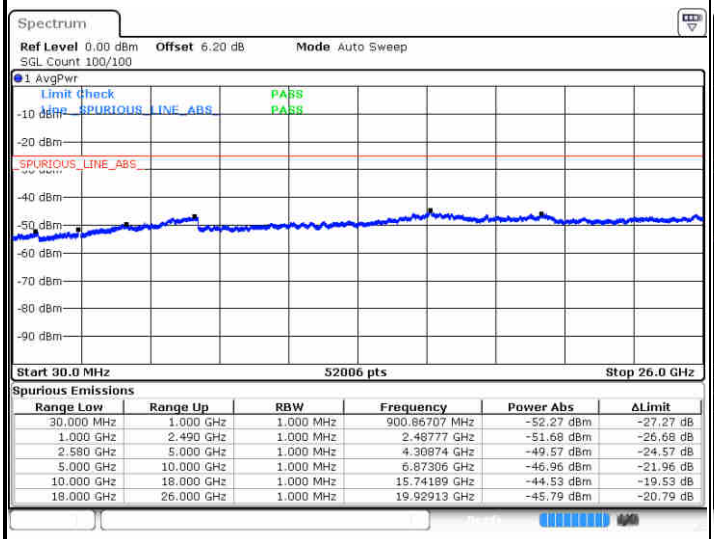
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.32734 MHz	-52.07 dBm	-27.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.16007 GHz	-52.47 dBm	-27.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17664 GHz	-49.44 dBm	-24.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86356 GHz	-46.86 dBm	-21.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71139 GHz	-44.75 dBm	-19.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92663 GHz	-45.62 dBm	-20.62 dB

Date: 20.OCT.2019 03:10:46

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

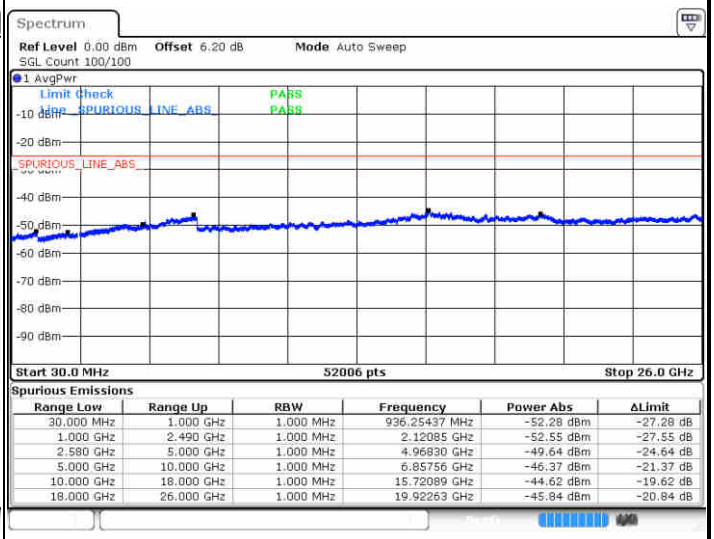


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-52.27 dBm	-27.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-51.68 dBm	-26.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30874 GHz	-49.57 dBm	-24.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87306 GHz	-46.96 dBm	-21.96 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74189 GHz	-44.53 dBm	-19.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92913 GHz	-45.79 dBm	-20.79 dB

Date: 20.OCT.2019 03:17:13

Middle Channel / 64QAM

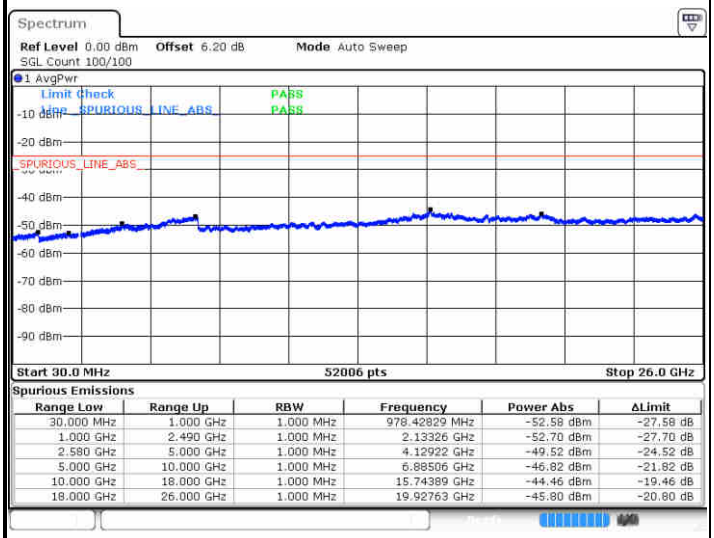


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-52.28 dBm	-27.28 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12085 GHz	-52.55 dBm	-27.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96830 GHz	-49.64 dBm	-24.64 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85756 GHz	-46.37 dBm	-21.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72089 GHz	-44.62 dBm	-19.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92263 GHz	-45.84 dBm	-20.84 dB

Date: 20.OCT.2019 03:18:07

Highest Channel / 64QAM



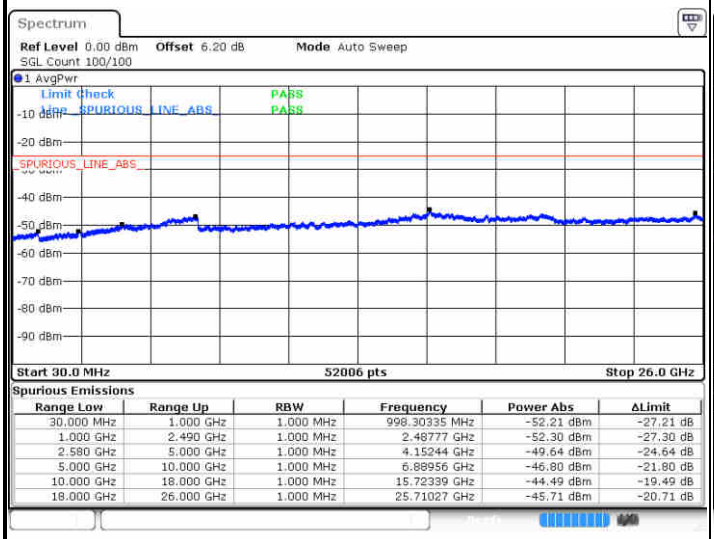
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-52.58 dBm	-27.58 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13326 GHz	-52.70 dBm	-27.70 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.12922 GHz	-49.52 dBm	-24.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88506 GHz	-46.82 dBm	-21.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74389 GHz	-44.46 dBm	-19.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92763 GHz	-45.80 dBm	-20.80 dB

Date: 20.OCT.2019 03:19:01

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

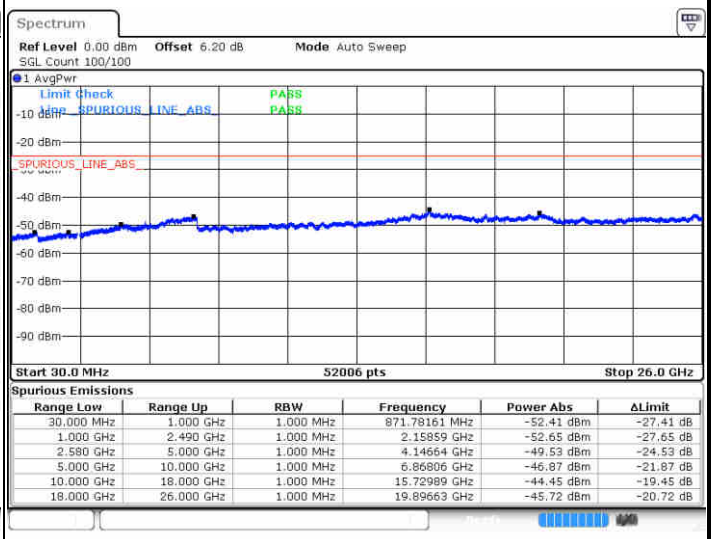


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-52.21 dBm	-27.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-52.30 dBm	-27.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.15244 GHz	-49.64 dBm	-24.64 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88956 GHz	-46.80 dBm	-21.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72339 GHz	-44.49 dBm	-19.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.71027 GHz	-45.71 dBm	-20.71 dB

Date: 20.OCT.2019 03:30:00

Middle Channel / 64QAM

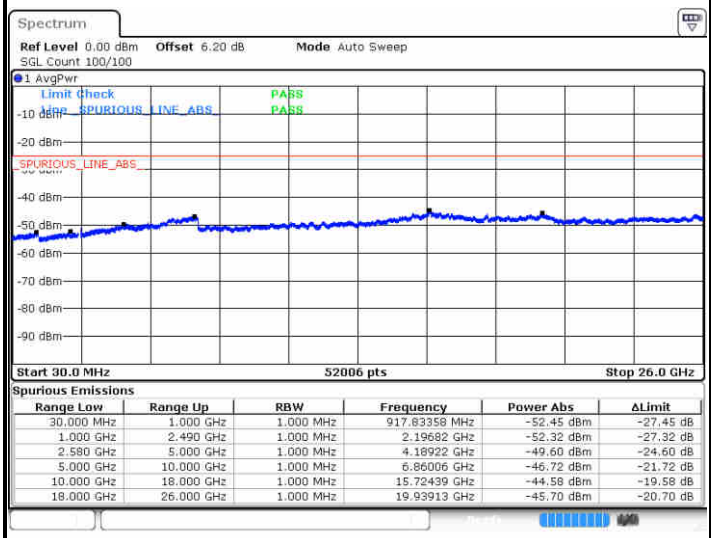


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-52.41 dBm	-27.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15859 GHz	-52.65 dBm	-27.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14664 GHz	-49.53 dBm	-24.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86806 GHz	-46.87 dBm	-21.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72989 GHz	-44.45 dBm	-19.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89663 GHz	-45.72 dBm	-20.72 dB

Date: 20.OCT.2019 03:30:54

Highest Channel / 64QAM



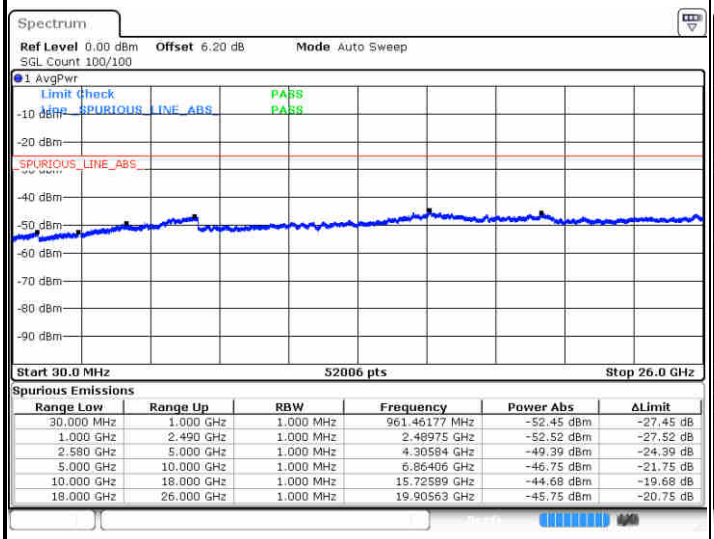
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-52.45 dBm	-27.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.19682 GHz	-52.32 dBm	-27.32 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18922 GHz	-49.60 dBm	-24.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86006 GHz	-46.72 dBm	-21.72 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72439 GHz	-44.58 dBm	-19.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93913 GHz	-45.70 dBm	-20.70 dB

Date: 20.OCT.2019 03:31:48

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

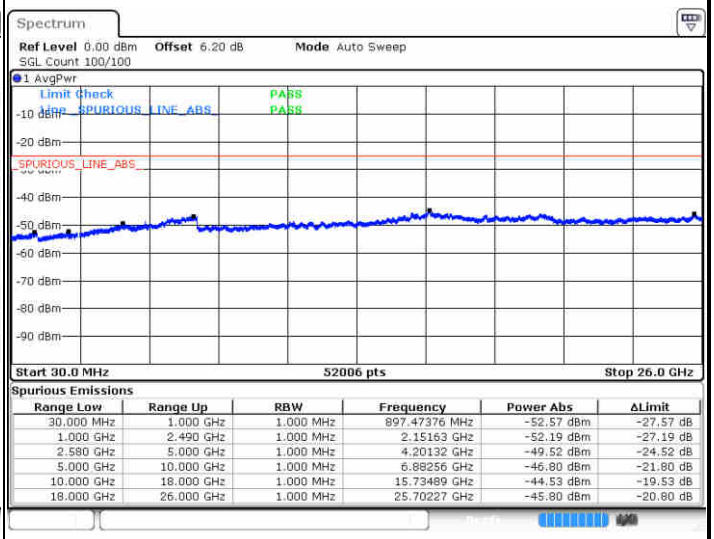


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-52.45 dBm	-27.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-52.52 dBm	-27.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30584 GHz	-49.39 dBm	-24.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86406 GHz	-46.75 dBm	-21.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72589 GHz	-44.68 dBm	-19.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90563 GHz	-45.75 dBm	-20.75 dB

Date: 20.OCT.2019 03:38:14

Middle Channel / 64QAM

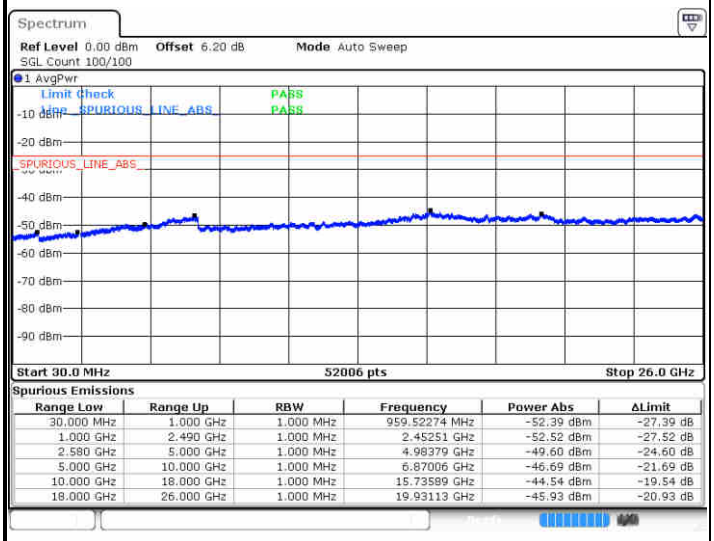


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-52.57 dBm	-27.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15163 GHz	-52.19 dBm	-27.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20132 GHz	-49.52 dBm	-24.52 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88256 GHz	-46.80 dBm	-21.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73489 GHz	-44.53 dBm	-19.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.70227 GHz	-45.80 dBm	-20.80 dB

Date: 20.OCT.2019 03:39:08

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-52.39 dBm	-27.39 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45251 GHz	-52.52 dBm	-27.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-49.60 dBm	-24.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87006 GHz	-46.69 dBm	-21.69 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73589 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93113 GHz	-45.93 dBm	-20.93 dB

Date: 20.OCT.2019 03:40:02

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	0.0033	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.6 V.; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 41

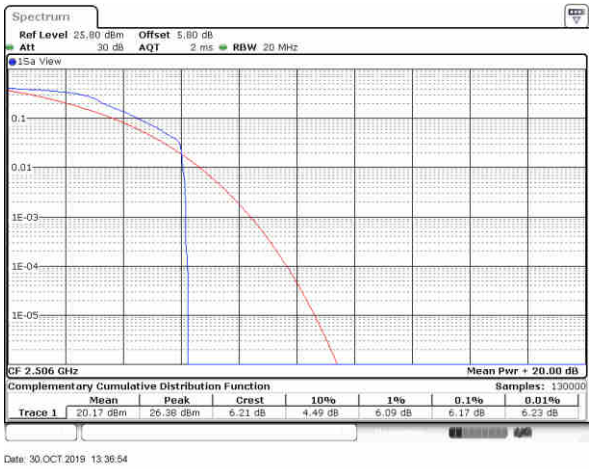
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.17	4.67	5.42	6.17	PASS
Middle CH	4.72	4.35	5.22	5.88	
Highest CH	6.84	6.26	4.78	6.09	

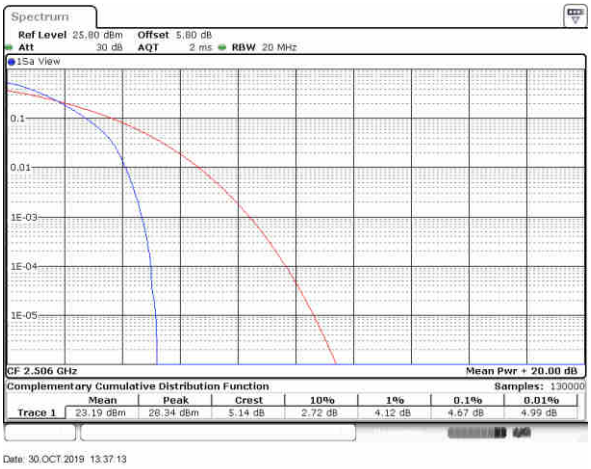
Mode	LTE Band 41 / 20MHz		
Mod.	64QAM		Limit: 13dB
RB Size	1RB	Full RB	Result
Lowest CH	6.35	6.64	PASS
Middle CH	6.35	6.73	
Highest CH	6.41	6.49	

LTE Band 41 / 20MHz / QPSK

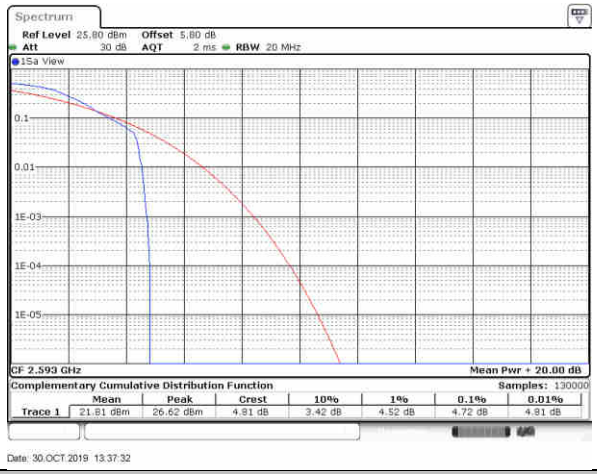
Lowest Channel / 1RB



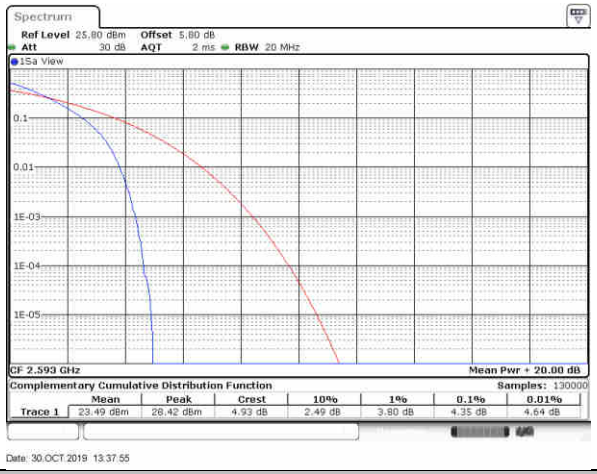
Lowest Channel / Full RB



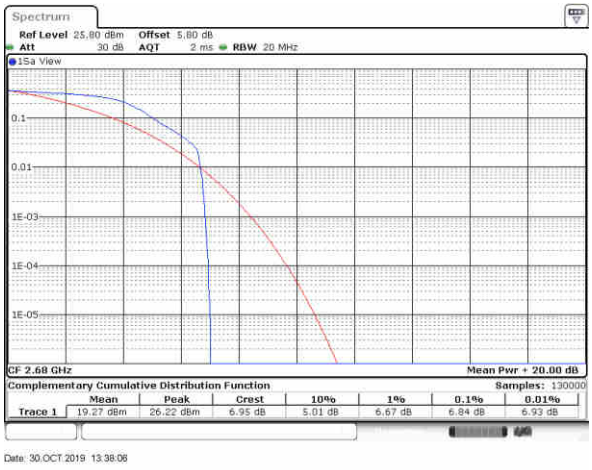
Middle Channel / 1RB



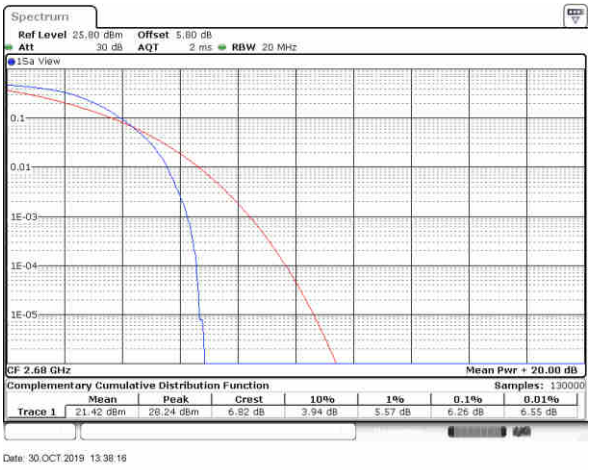
Middle Channel / Full RB



Highest Channel / 1RB

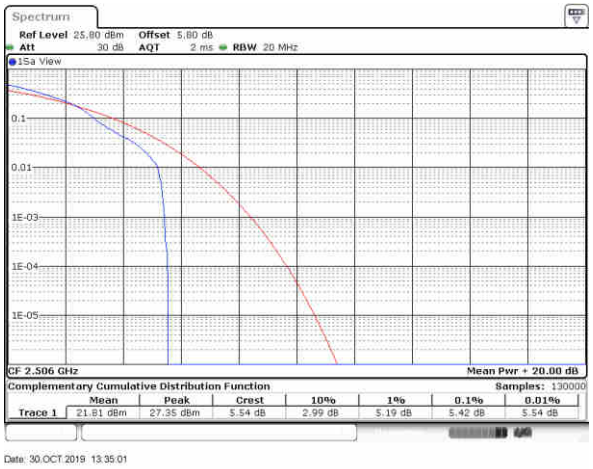


Highest Channel / Full RB

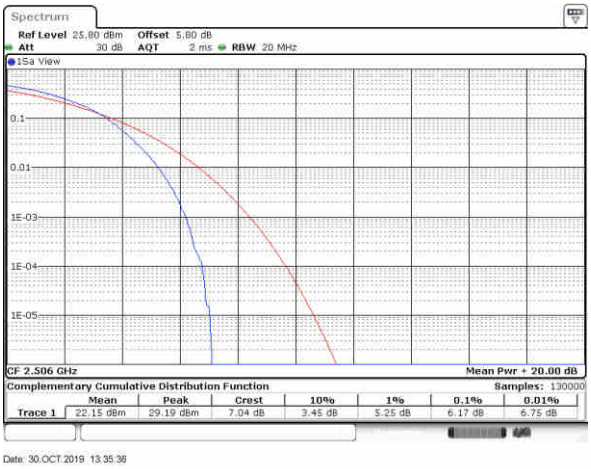


LTE Band 41 / 20MHz / 16QAM

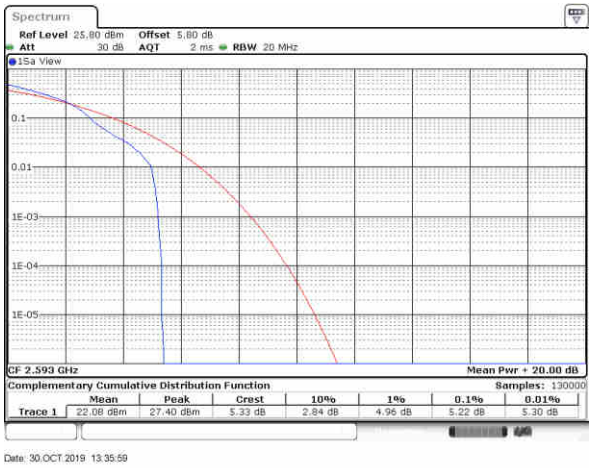
Lowest Channel / 1RB



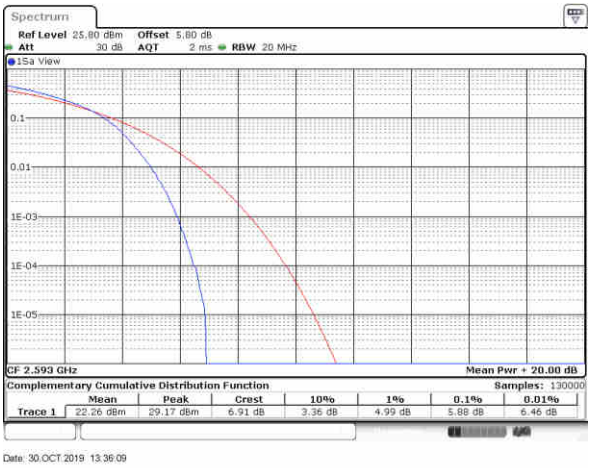
Lowest Channel / Full RB



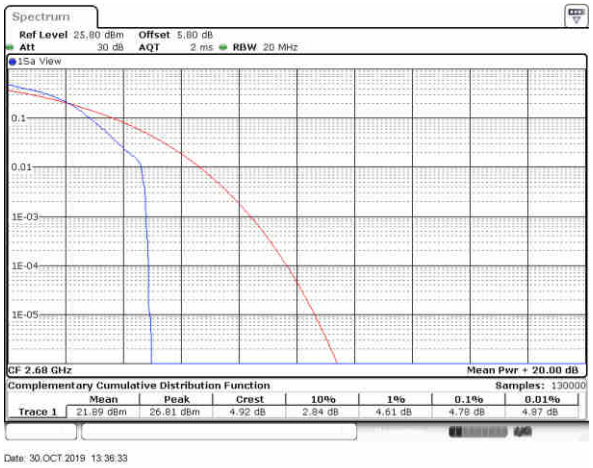
Middle Channel / 1RB



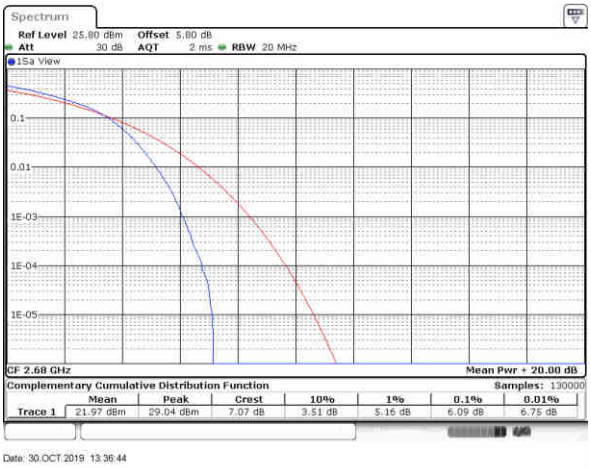
Middle Channel / Full RB



Highest Channel / 1RB

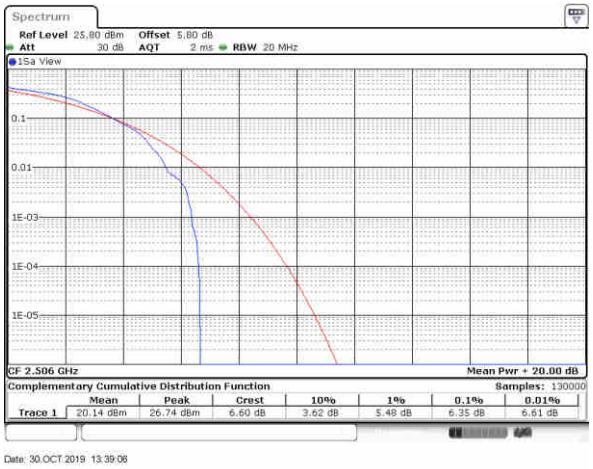


Highest Channel / Full RB

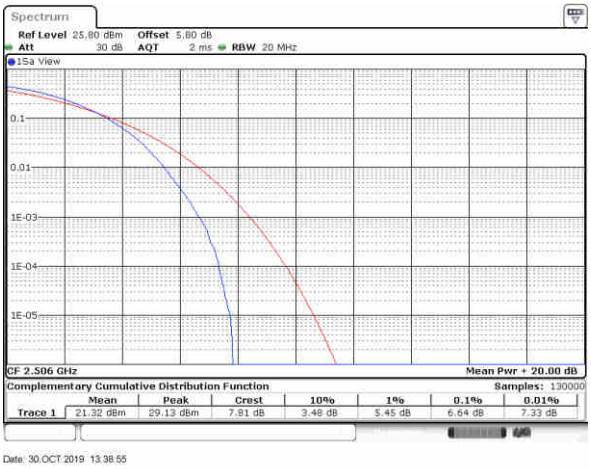


LTE Band 41 / 20MHz / 64QAM

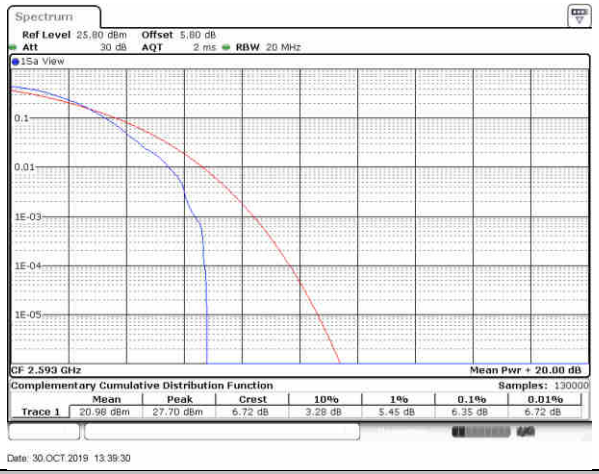
Lowest Channel / 1RB



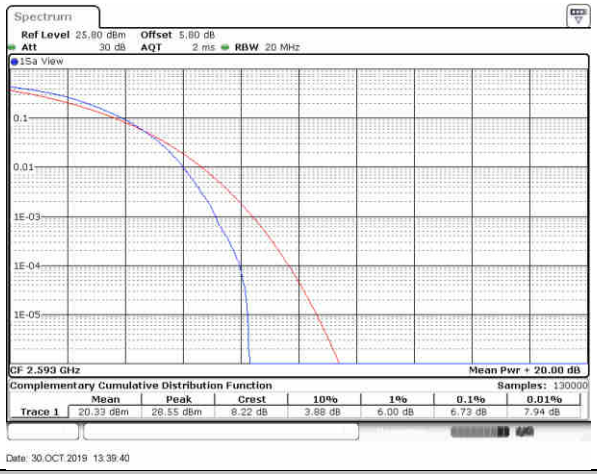
Lowest Channel / Full RB



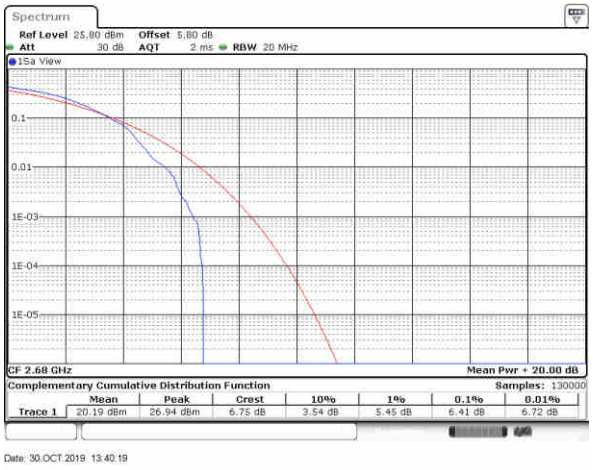
Middle Channel / 1RB



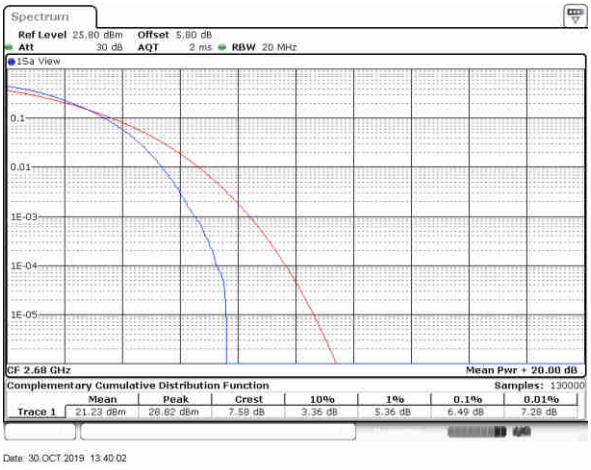
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



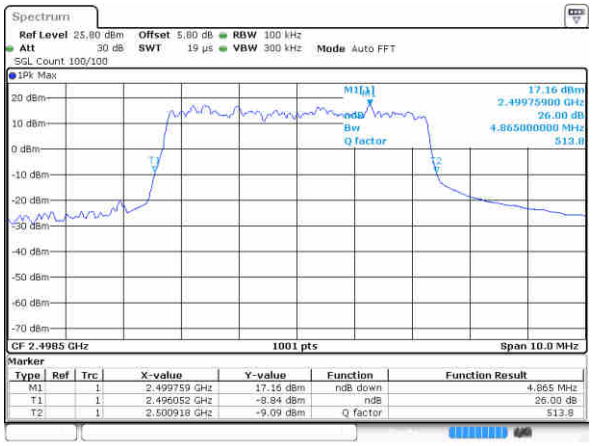
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.865	4.815	9.69	9.73	14.206	14.326	20.02	20.06
Middle CH	-	-	-	-	4.895	4.775	9.85	9.83	14.236	14.146	20.06	19.98
Highest CH	-	-	-	-	4.875	4.885	9.61	9.65	14.505	14.236	20.10	20.02

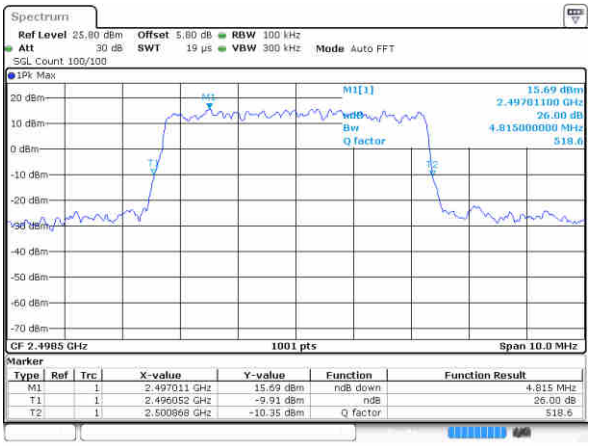
Mode	LTE Band 41 : 26dB BW(MHz)					
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	-	-	4.865	9.79	14.386	20.06
Middle CH	-	-	4.835	9.69	14.206	20.06
Highest CH	-	-	4.705	9.71	14.326	20.06

LTE Band 41

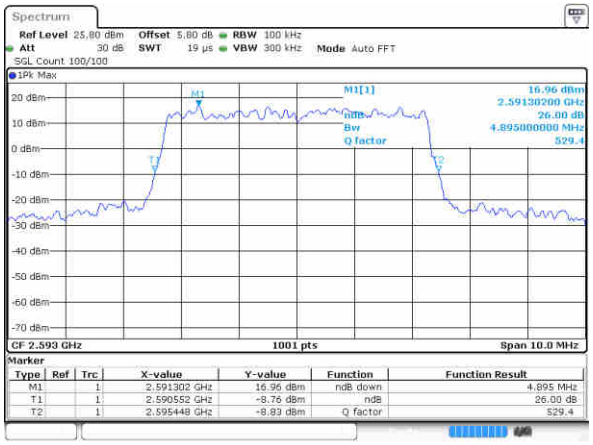
Lowest Channel / 5MHz / QPSK



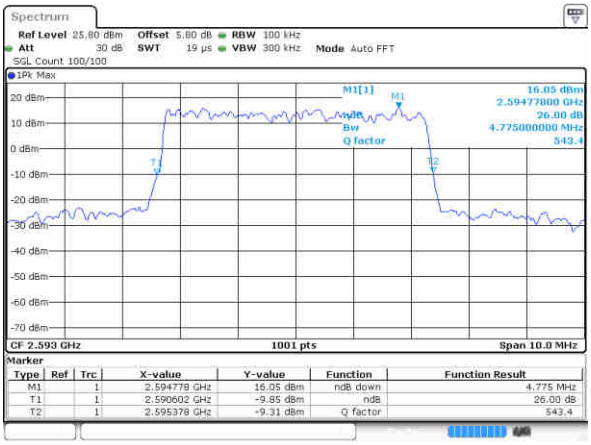
Lowest Channel / 5MHz / 16QAM



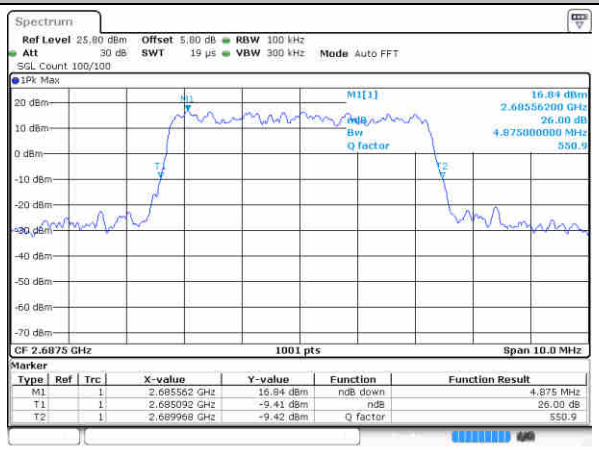
Middle Channel / 5MHz / QPSK



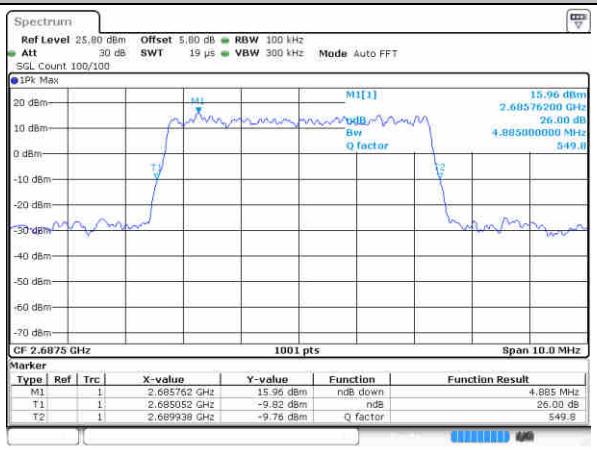
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

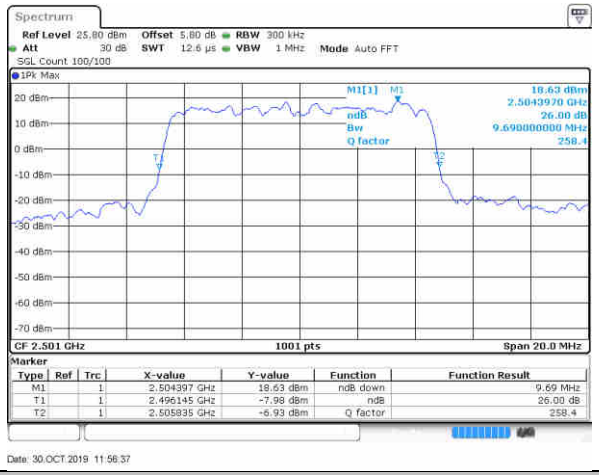


Highest Channel / 5MHz / 16QAM

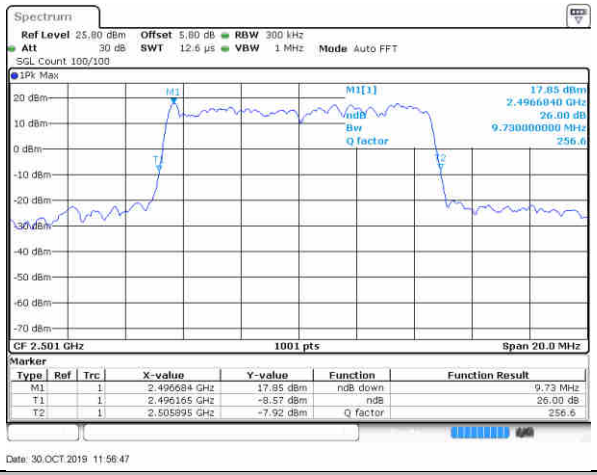


LTE Band 41

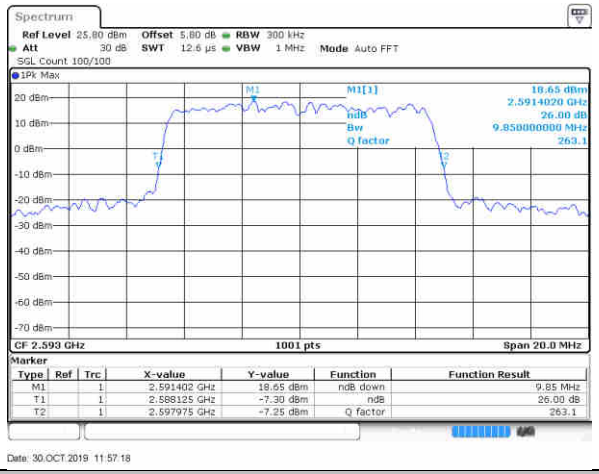
Lowest Channel / 10MHz / QPSK



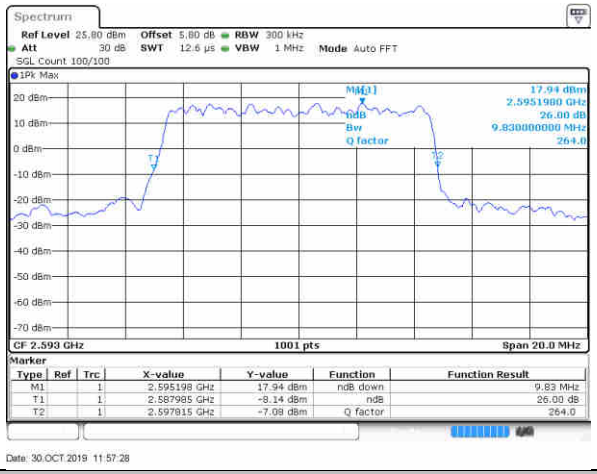
Lowest Channel / 10MHz / 16QAM



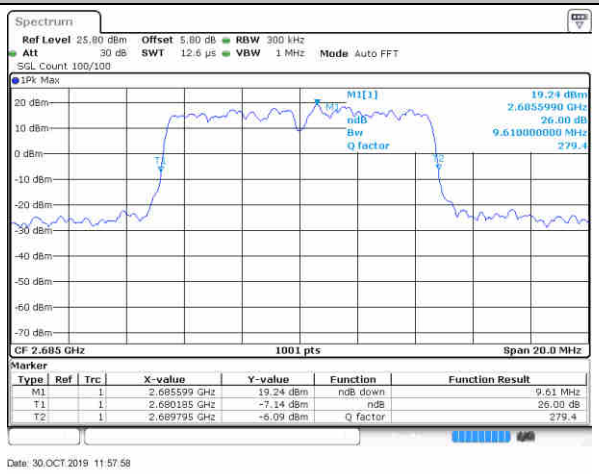
Middle Channel / 10MHz / QPSK



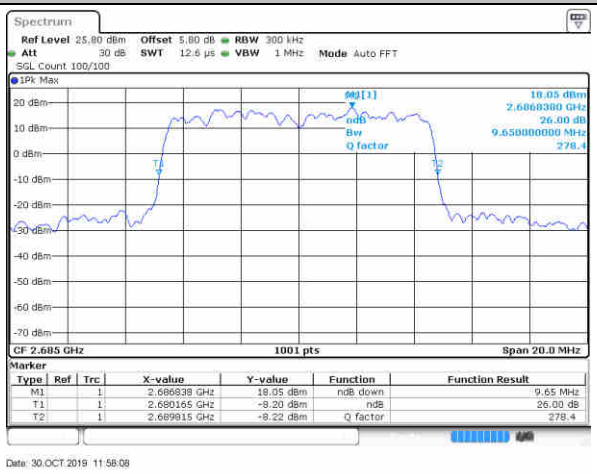
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

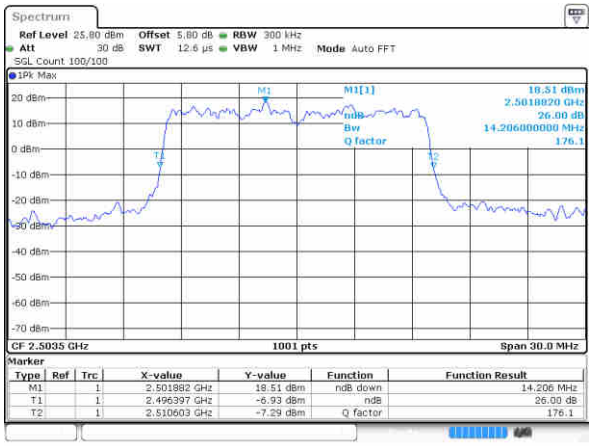


Highest Channel / 10MHz / 16QAM

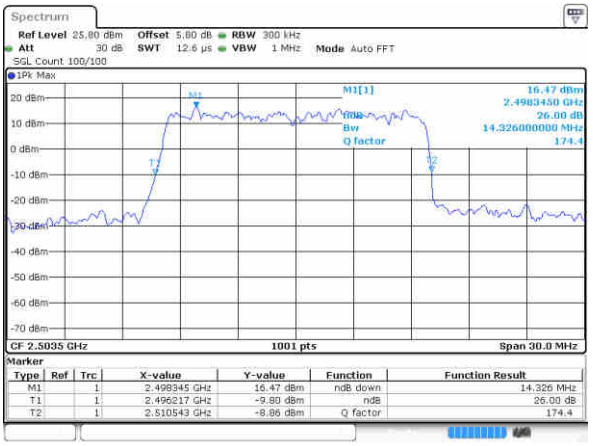


LTE Band 41

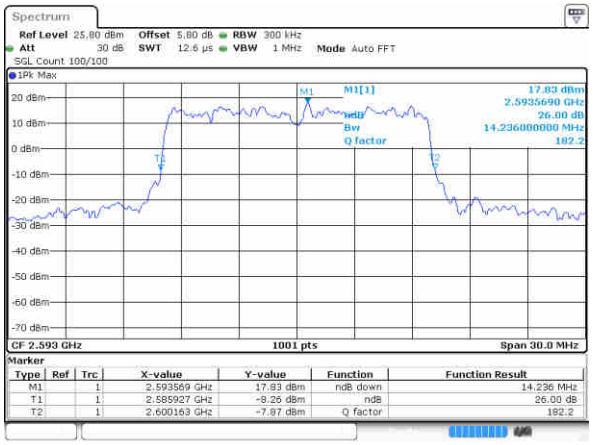
Lowest Channel / 15MHz / QPSK



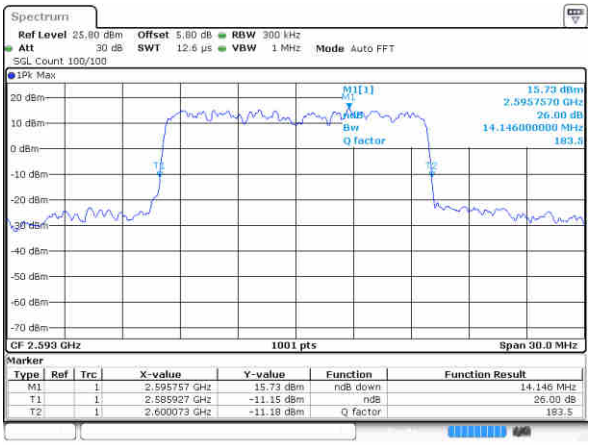
Lowest Channel / 15MHz / 16QAM



Middle Channel / 15MHz / QPSK

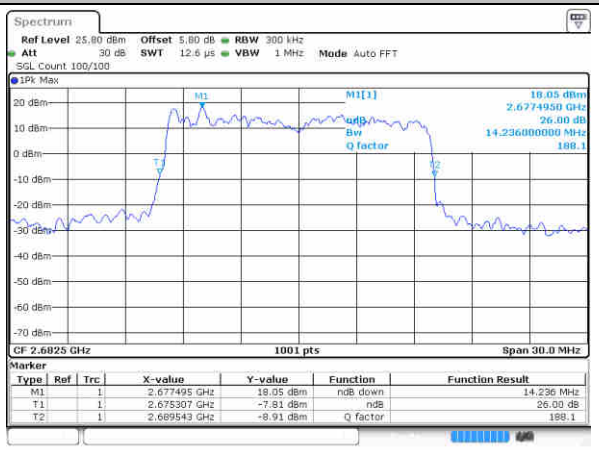


Middle Channel / 15MHz / 16QAM



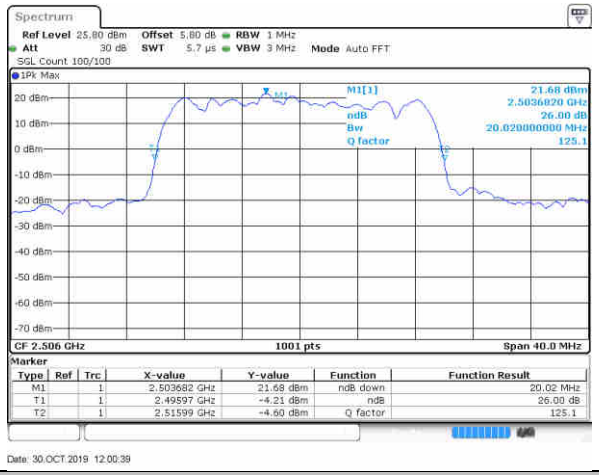
Highest Channel / 15MHz / QPSK

Highest Channel / 15MHz / 16QAM

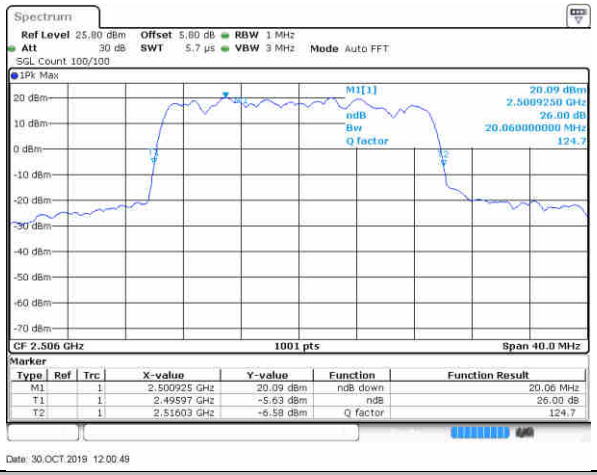


LTE Band 41

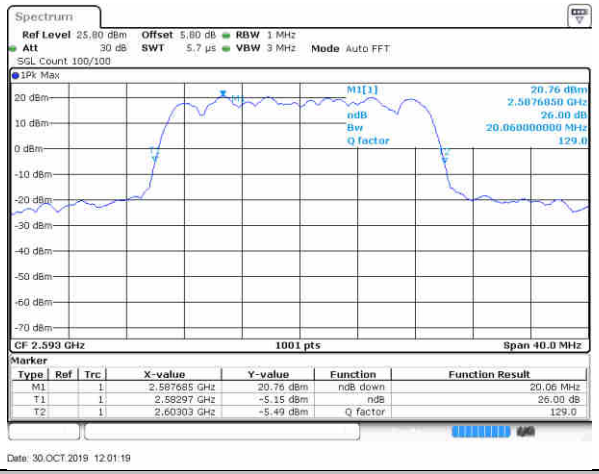
Lowest Channel / 20MHz / QPSK



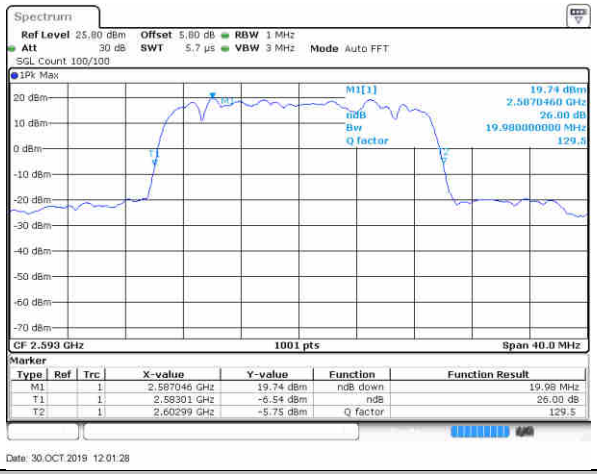
Lowest Channel / 20MHz / 16QAM



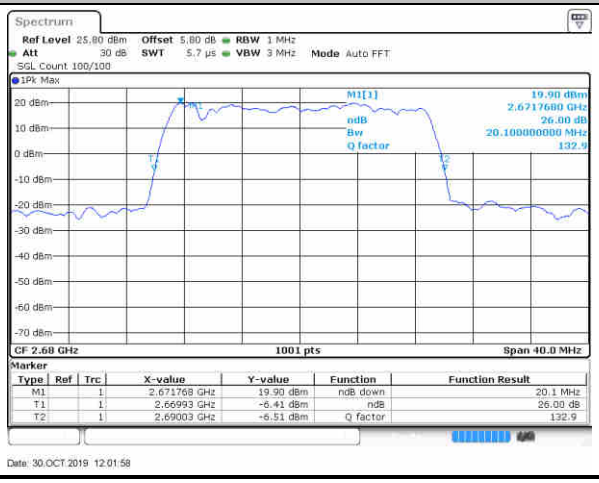
Middle Channel / 20MHz / QPSK



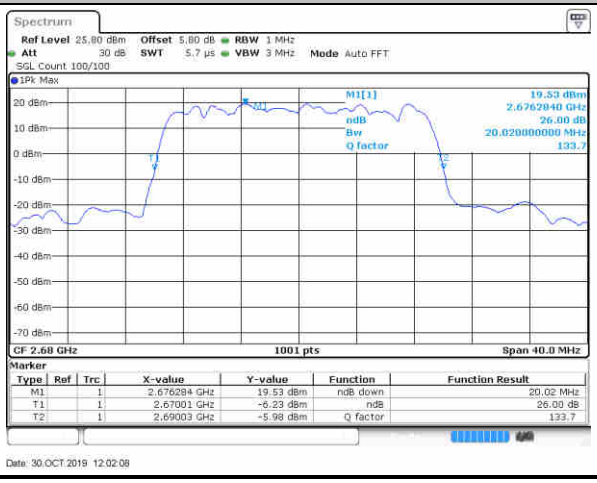
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

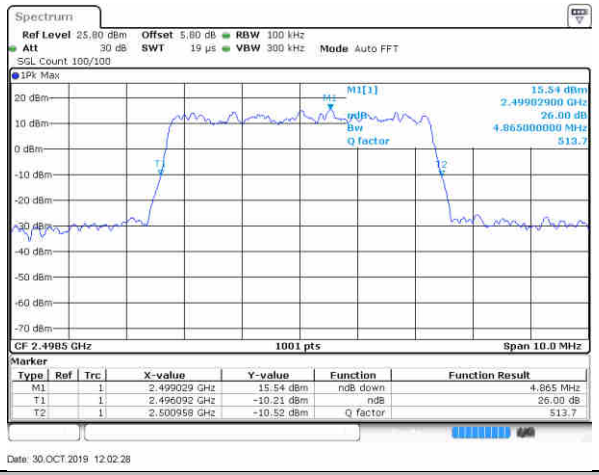


Highest Channel / 20MHz / 16QAM

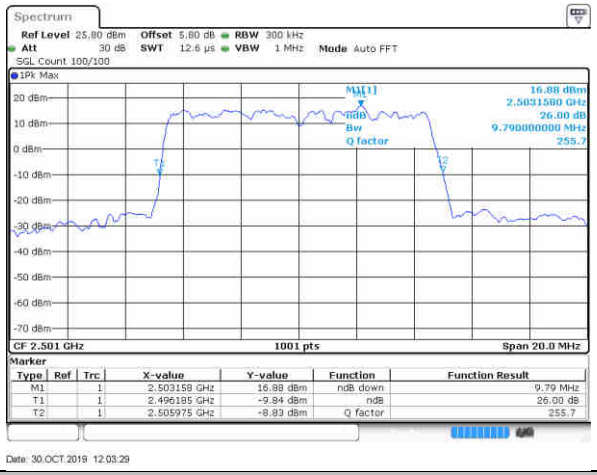


LTE Band 41

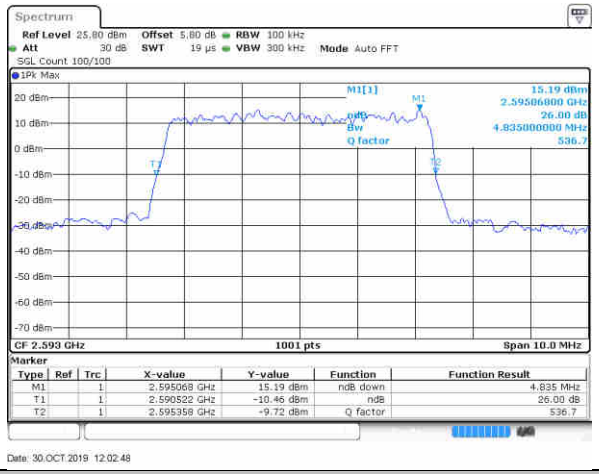
Lowest Channel / 5MHz / 64QAM



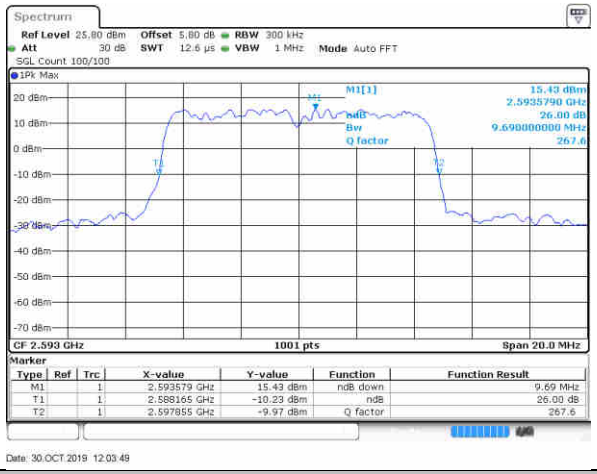
Lowest Channel / 10MHz / 64QAM



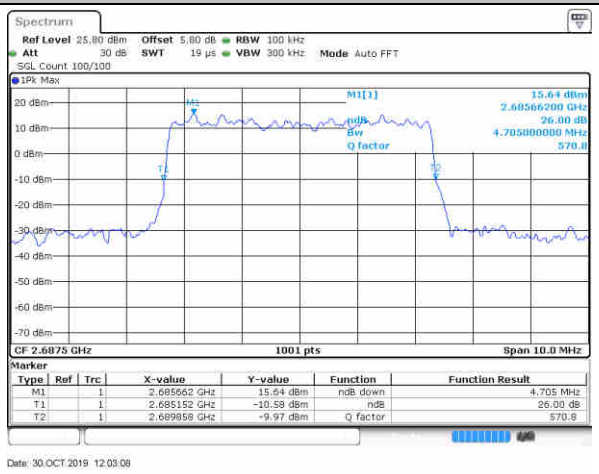
Middle Channel / 5MHz / 64QAM



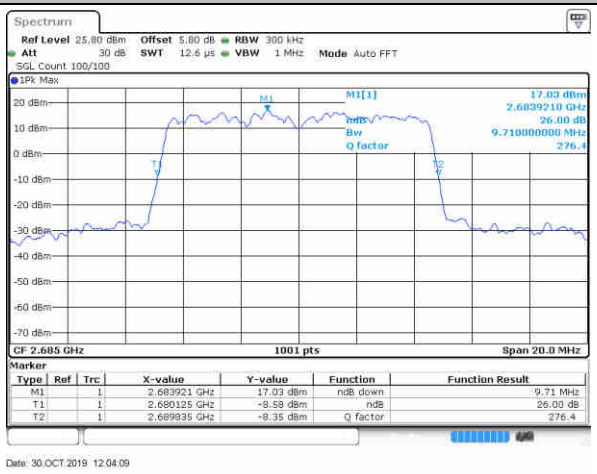
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

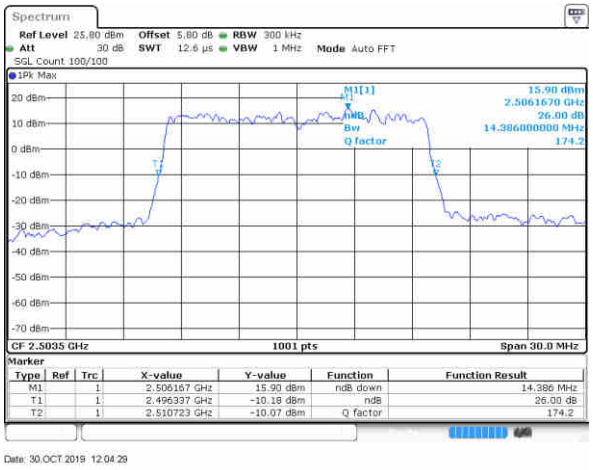


Highest Channel / 10MHz /64QAM

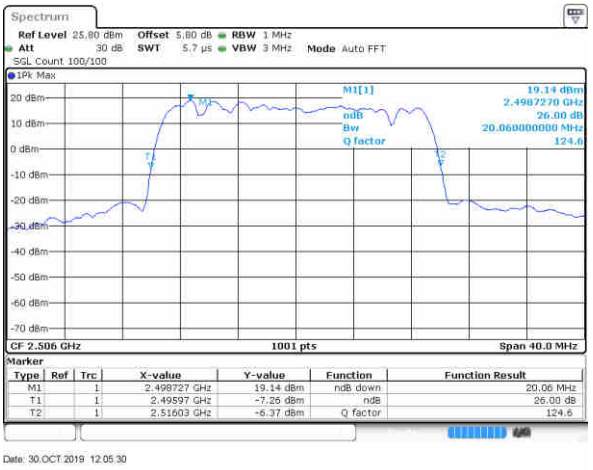


LTE Band 41

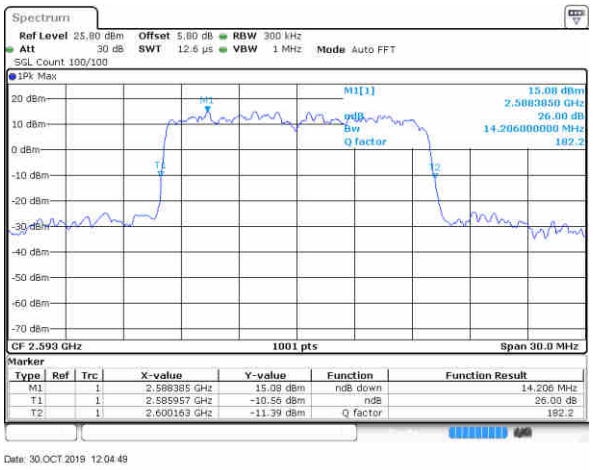
Lowest Channel / 15MHz / 64QAM



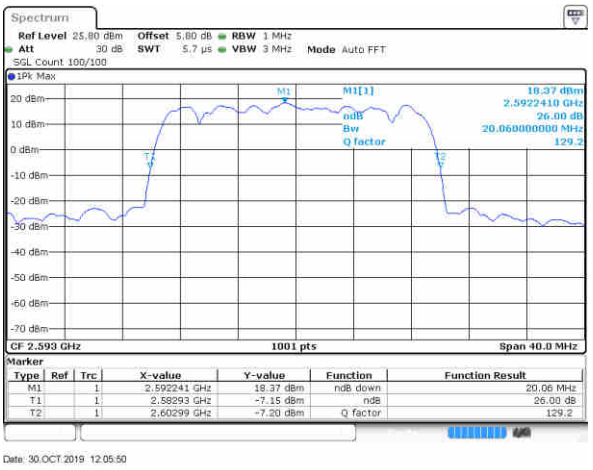
Lowest Channel / 20MHz / 64QAM



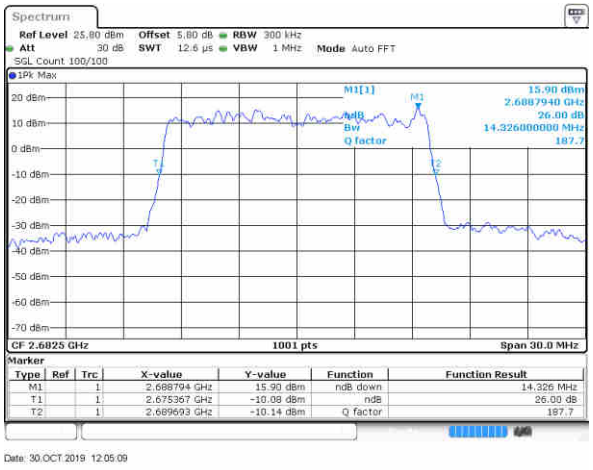
Middle Channel / 15MHz / 64QAM



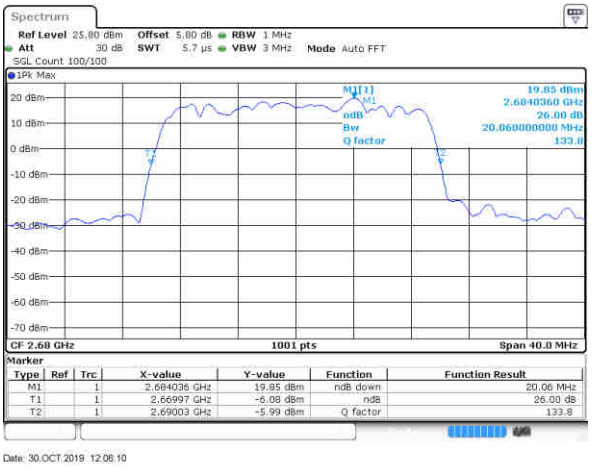
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



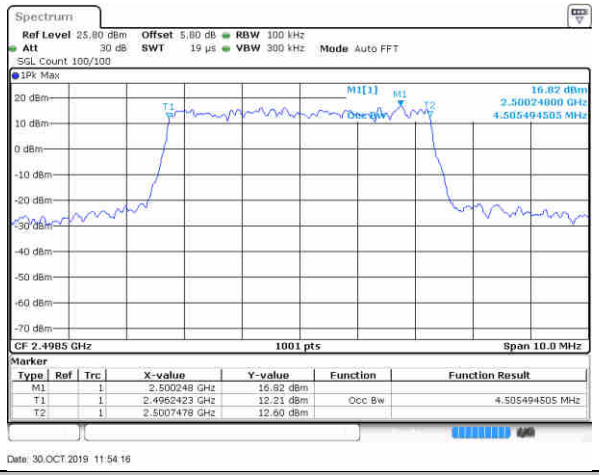
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.01	9.07	13.49	13.43	18.14	18.34
Middle CH	-	-	-	-	4.53	4.49	9.03	8.99	13.46	13.43	18.38	18.46
Highest CH	-	-	-	-	4.54	4.48	9.03	9.03	13.43	13.43	18.30	17.98

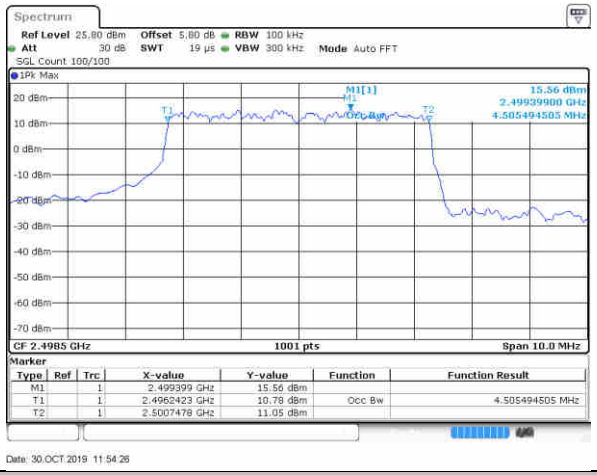
Mode	LTE Band 41 : 99%OBW(MHz)					
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	-	-	4.52	8.99	13.40	18.26
Middle CH	-	-	4.49	9.03	13.40	18.42
Highest CH	-	-	4.52	9.01	13.43	18.34

LTE Band 41

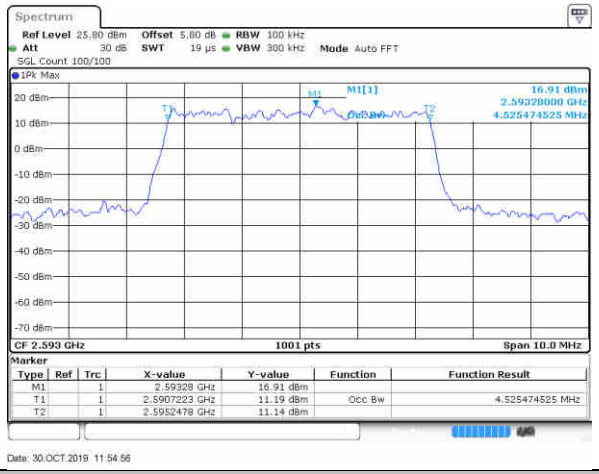
Lowest Channel / 5MHz / QPSK



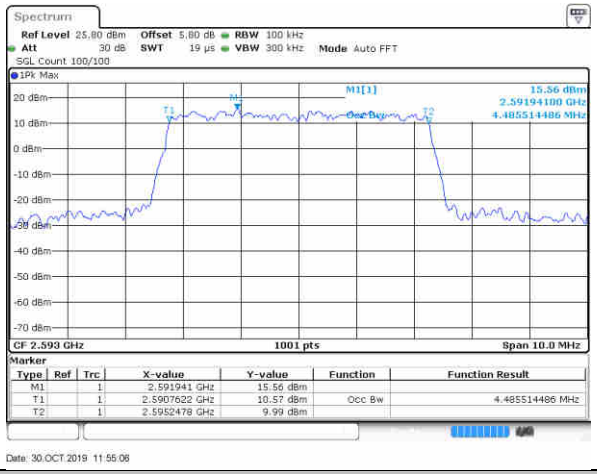
Lowest Channel / 5MHz / 16QAM



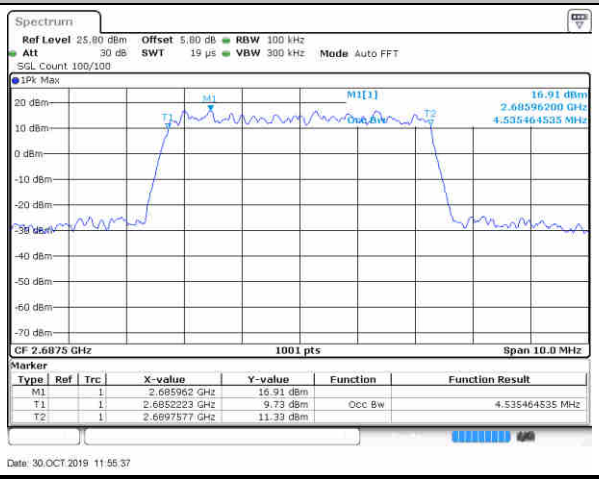
Middle Channel / 5MHz / QPSK



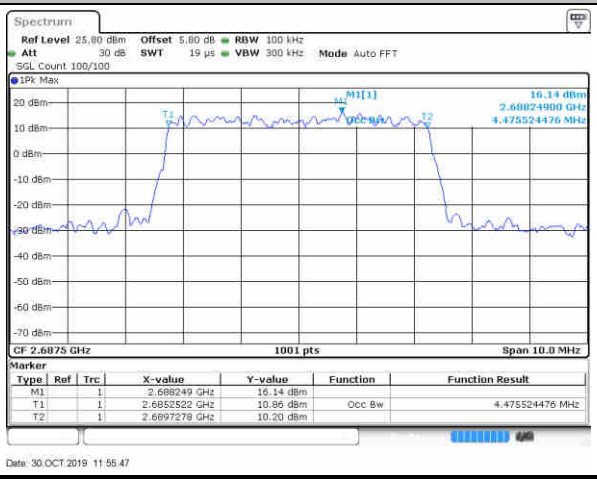
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

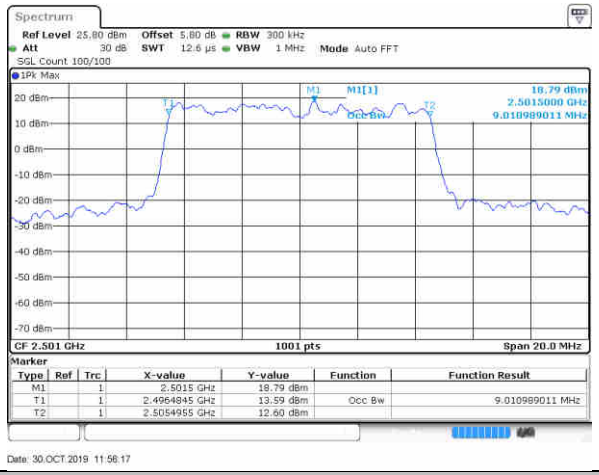


Highest Channel / 5MHz / 16QAM

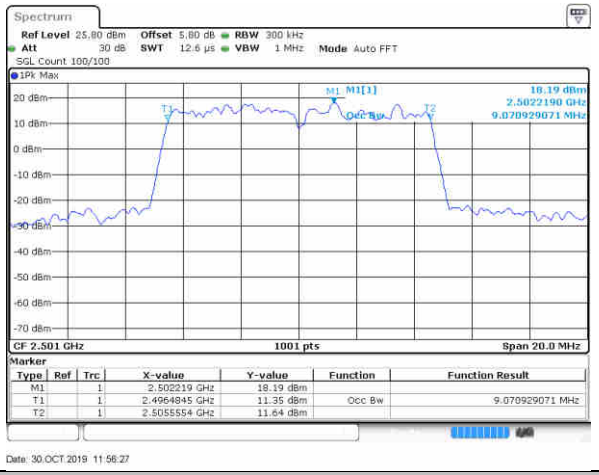


LTE Band 41

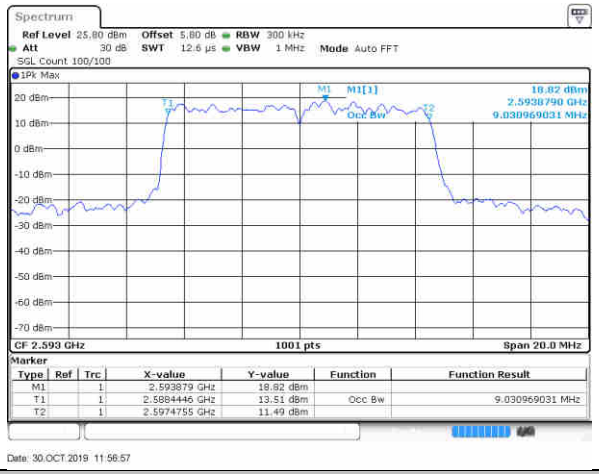
Lowest Channel / 10MHz / QPSK



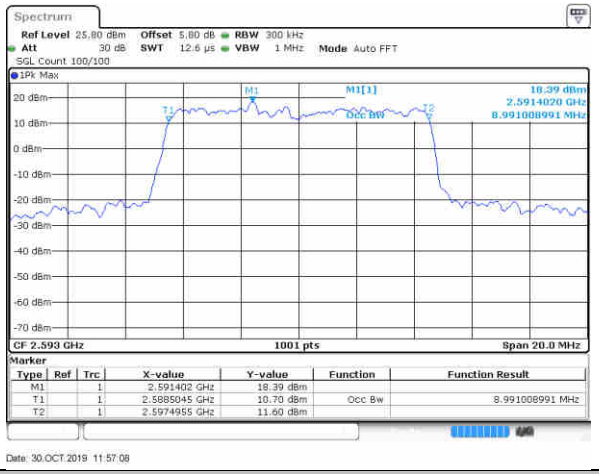
Lowest Channel / 10MHz / 16QAM



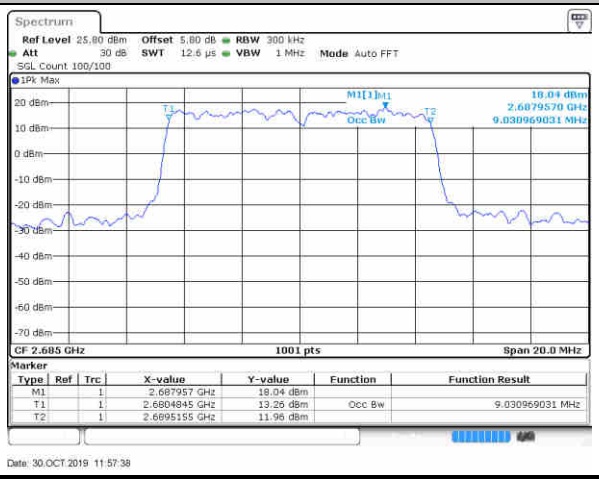
Middle Channel / 10MHz / QPSK



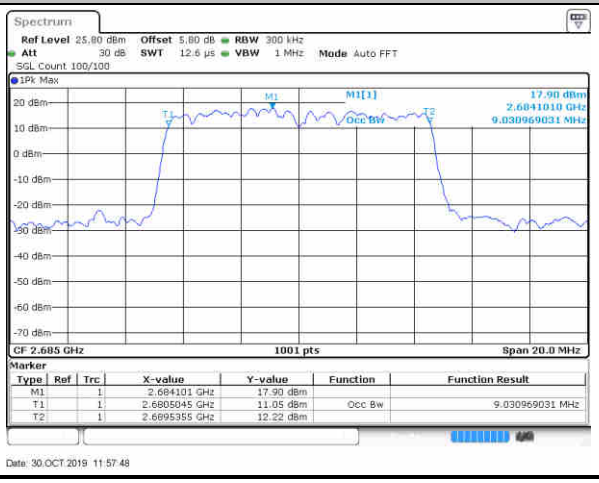
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

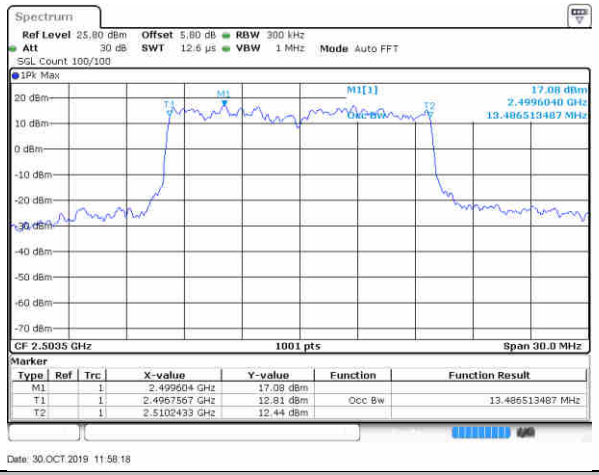


Highest Channel / 10MHz / 16QAM

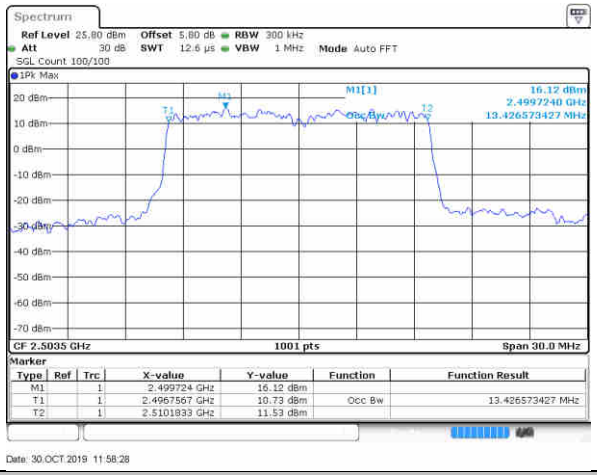


LTE Band 41

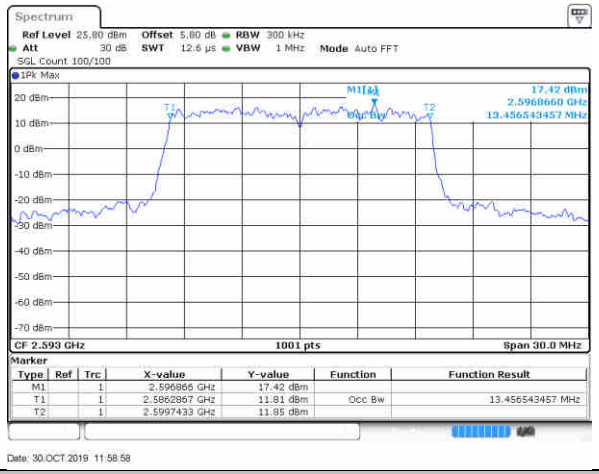
Lowest Channel / 15MHz / QPSK



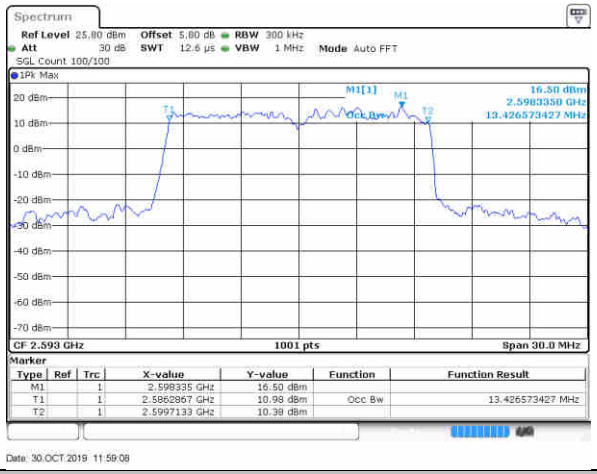
Lowest Channel / 15MHz / 16QAM



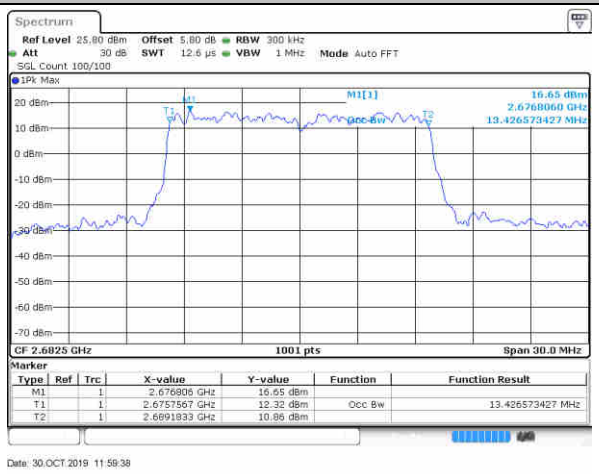
Middle Channel / 15MHz / QPSK



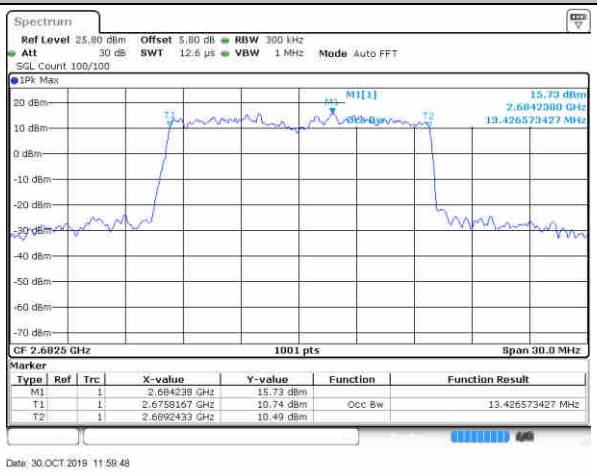
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

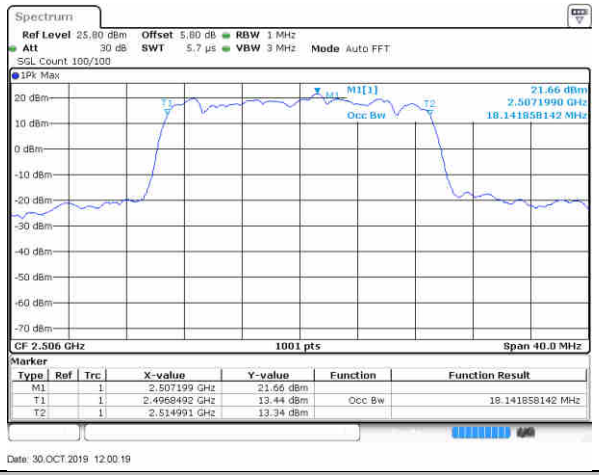


Highest Channel / 15MHz / 16QAM

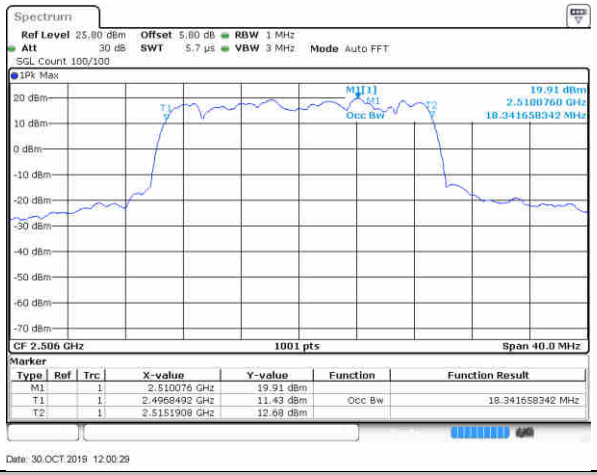


LTE Band 41

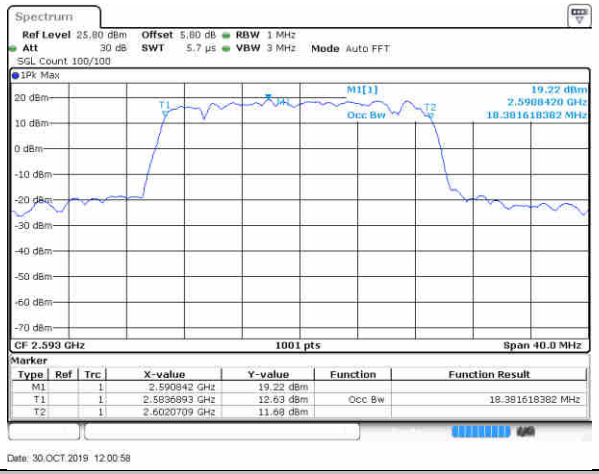
Lowest Channel / 20MHz / QPSK



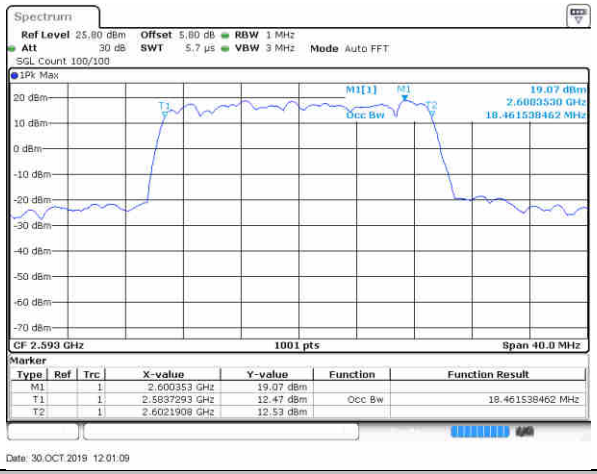
Lowest Channel / 20MHz / 16QAM



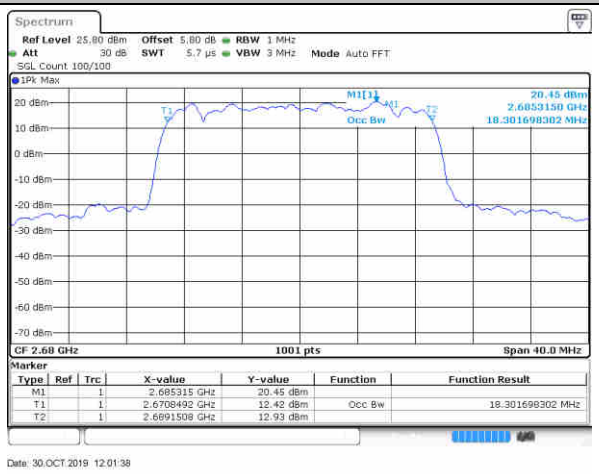
Middle Channel / 20MHz / QPSK



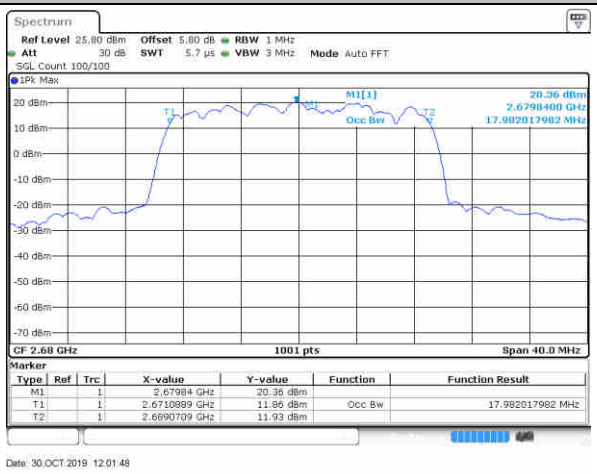
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

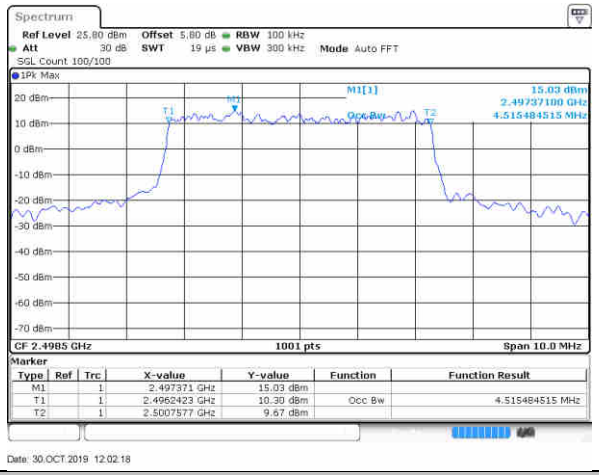


Highest Channel / 20MHz / 16QAM

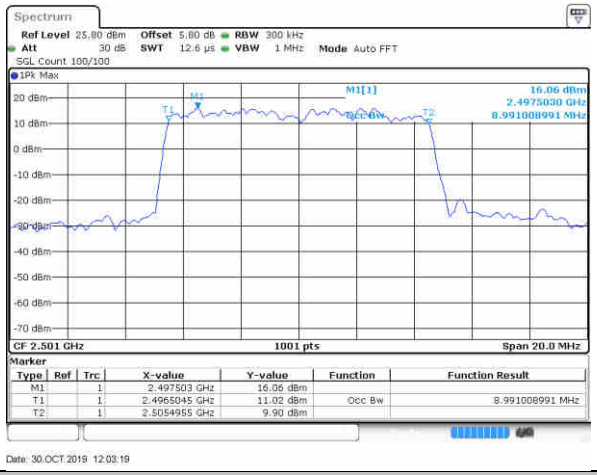


LTE Band 41

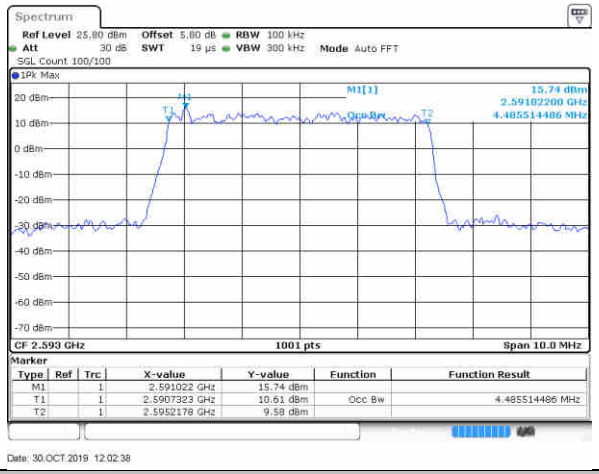
Lowest Channel / 5MHz / 64QAM



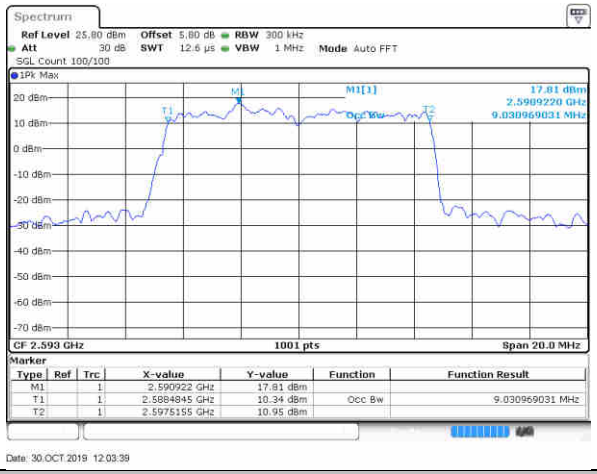
Lowest Channel / 10MHz / 64QAM



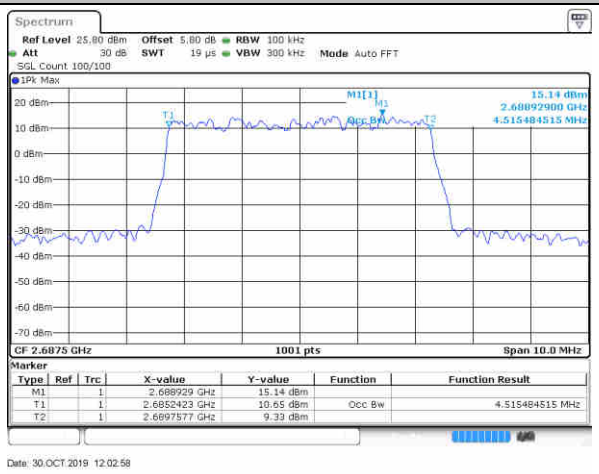
Middle Channel / 5MHz / 64QAM



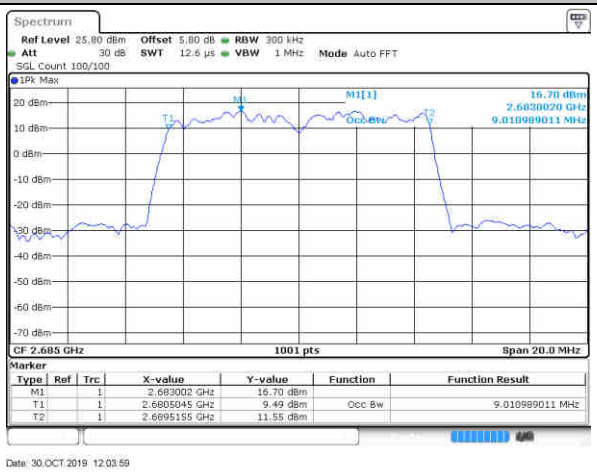
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

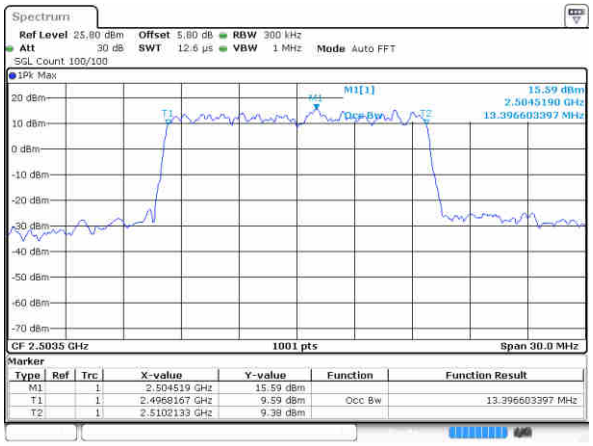


Highest Channel / 10MHz / 64QAM

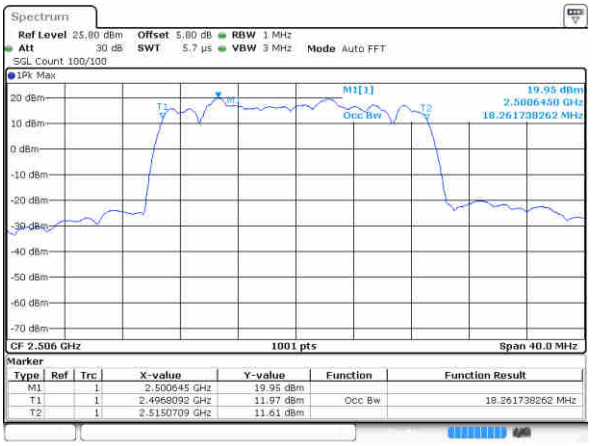


LTE Band 41

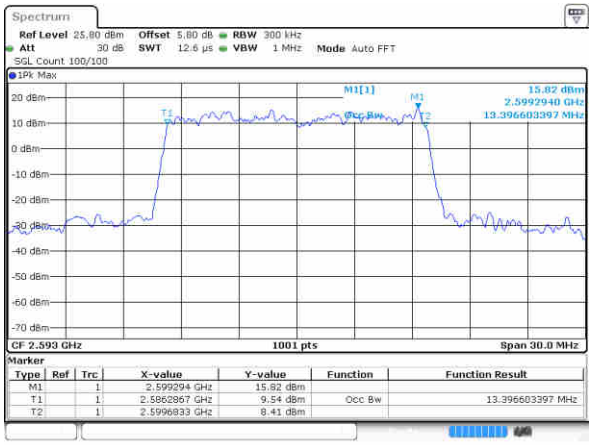
Lowest Channel / 15MHz / 64QAM



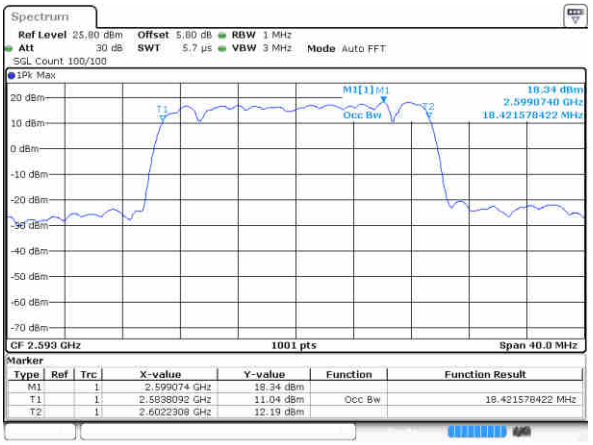
Lowest Channel / 20MHz / 64QAM



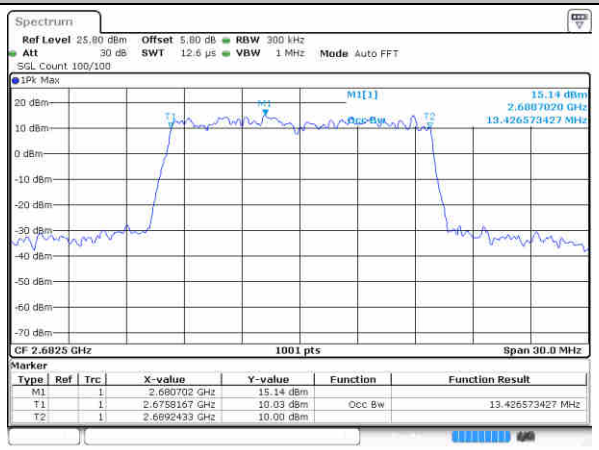
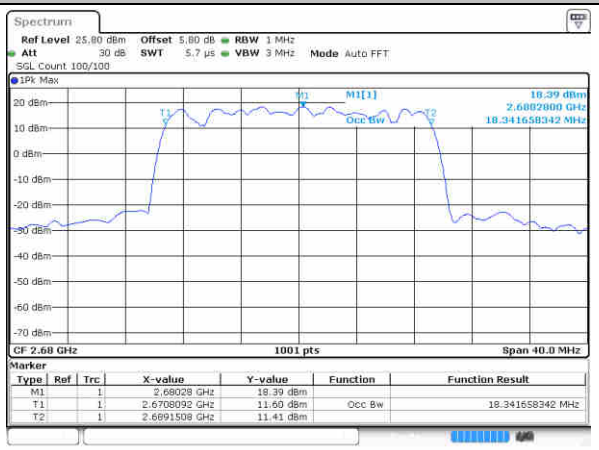
Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM