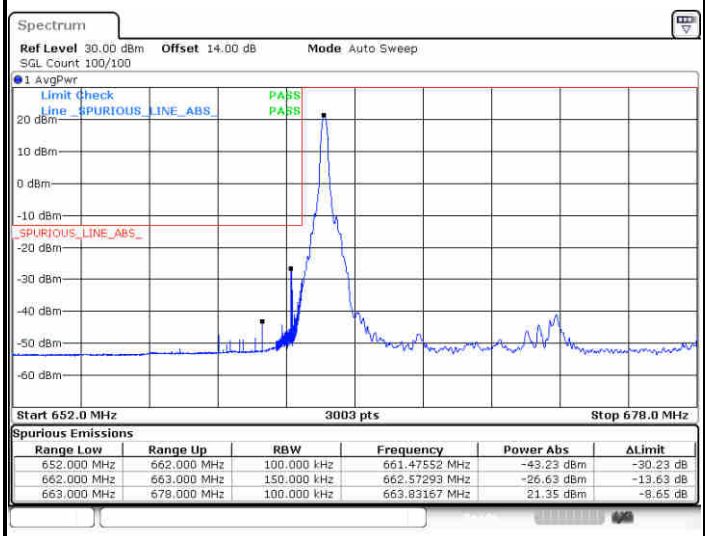
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

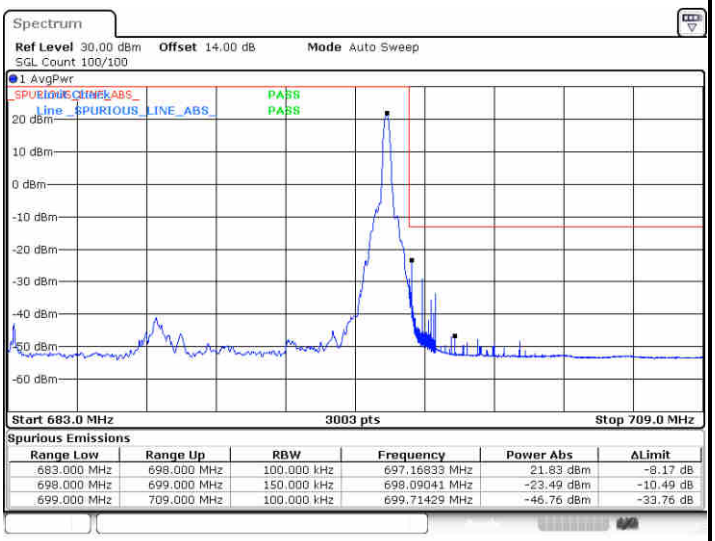


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.47552 MHz	-43.23 dBm	-30.23 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.57293 MHz	-26.63 dBm	-13.63 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.83167 MHz	21.35 dBm	-8.65 dB

Date: 1.DEC.2019 09:04:33

Highest Band Edge / 1 RB

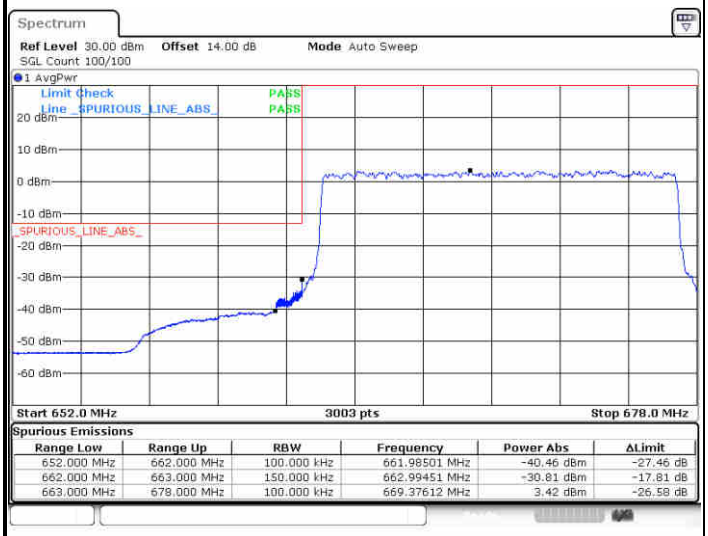


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	21.83 dBm	-8.17 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.09041 MHz	-23.49 dBm	-10.49 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.71429 MHz	-46.76 dBm	-33.76 dB

Date: 1.DEC.2019 09:22:02

Lowest Band Edge / Full RB

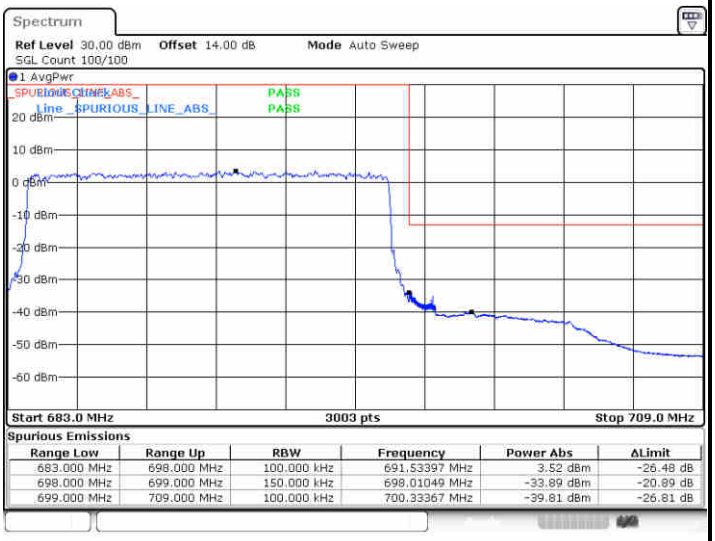


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-40.46 dBm	-27.46 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99451 MHz	-30.81 dBm	-17.81 dB
663.000 MHz	678.000 MHz	100.000 kHz	669.37612 MHz	3.42 dBm	-26.58 dB

Date: 1.DEC.2019 09:13:45

Highest Band Edge / Full RB



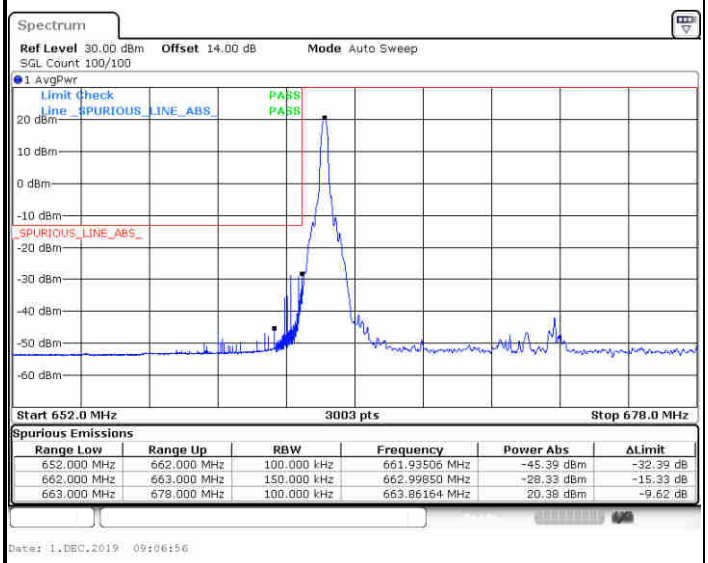
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	691.53397 MHz	3.52 dBm	-26.48 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.01049 MHz	-33.89 dBm	-20.89 dB
699.000 MHz	709.000 MHz	100.000 kHz	700.33367 MHz	-39.81 dBm	-26.81 dB

Date: 1.DEC.2019 09:15:16

LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

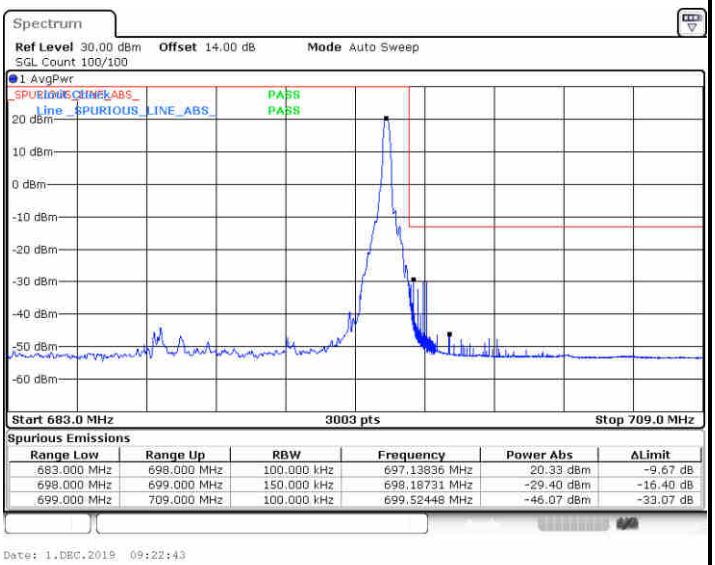


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.93506 MHz	-45.39 dBm	-32.39 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99850 MHz	-28.33 dBm	-15.33 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.86164 MHz	20.38 dBm	-9.62 dB

Date: 1.DEC.2019 09:06:56

Highest Band Edge / 1 RB

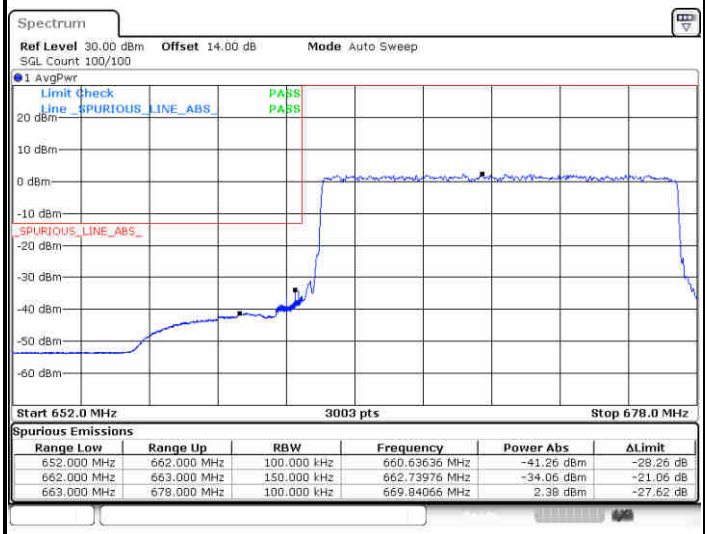


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.13836 MHz	20.33 dBm	-9.67 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.18731 MHz	-29.40 dBm	-16.40 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.52448 MHz	-46.07 dBm	-33.07 dB

Date: 1.DEC.2019 09:22:43

Lowest Band Edge / Full RB

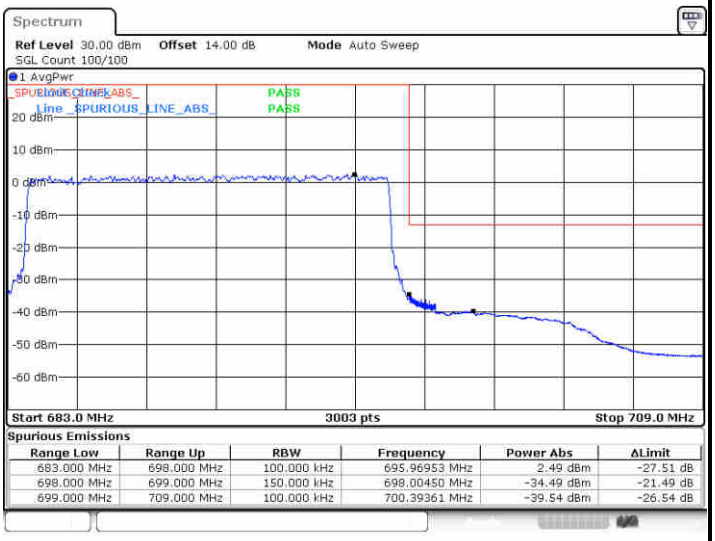


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.63636 MHz	-41.26 dBm	-28.26 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.73976 MHz	-34.06 dBm	-21.06 dB
663.000 MHz	678.000 MHz	100.000 kHz	669.84066 MHz	2.38 dBm	-27.62 dB

Date: 1.DEC.2019 09:11:57

Highest Band Edge / Full RB



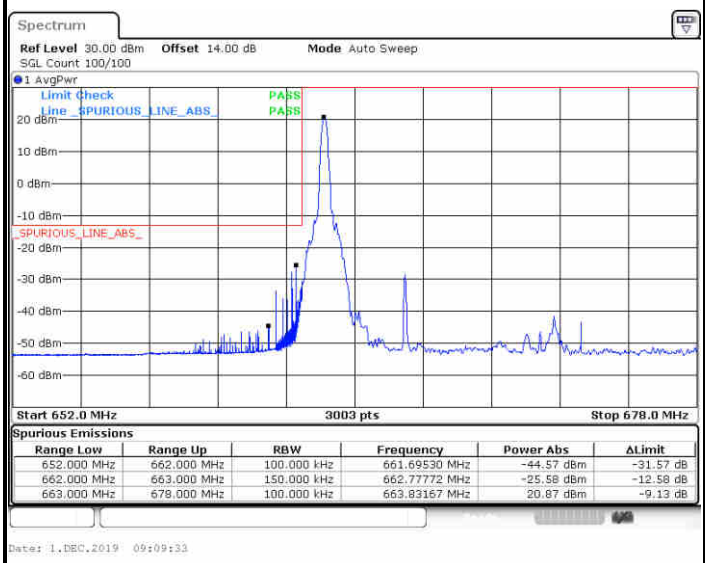
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	695.96953 MHz	2.49 dBm	-27.51 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.00450 MHz	-34.49 dBm	-21.49 dB
699.000 MHz	709.000 MHz	100.000 kHz	700.39361 MHz	-39.54 dBm	-26.54 dB

Date: 1.DEC.2019 09:16:28

LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

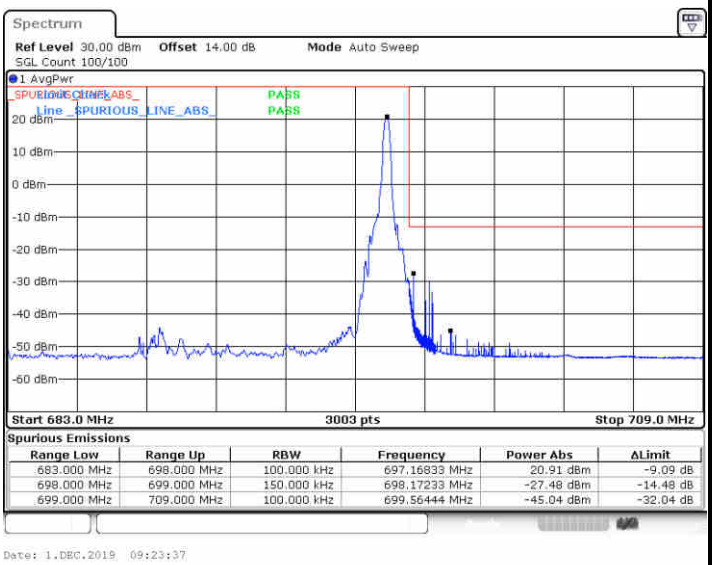


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.69530 MHz	-44.57 dBm	-31.57 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.77772 MHz	-25.58 dBm	-12.58 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.83167 MHz	20.87 dBm	-9.13 dB

Date: 1.DEC.2019 09:09:33

Highest Band Edge / 1 RB

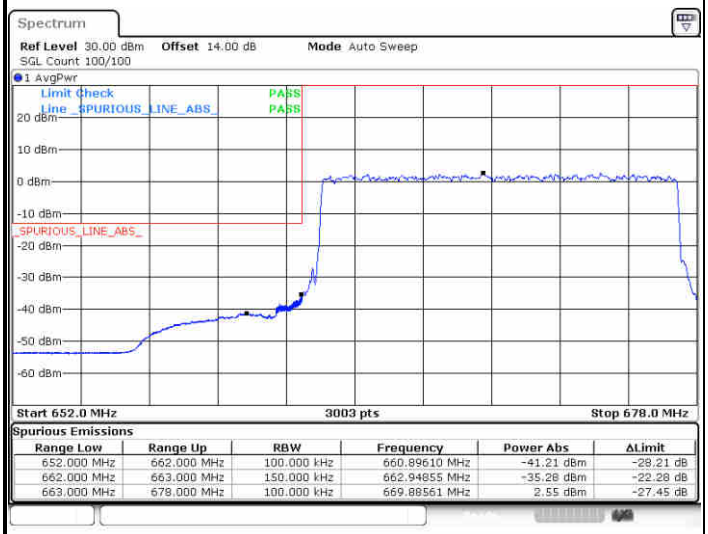


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	20.91 dBm	-9.09 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.17233 MHz	-27.48 dBm	-14.48 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.56444 MHz	-45.04 dBm	-32.04 dB

Date: 1.DEC.2019 09:23:37

Lowest Band Edge / Full RB

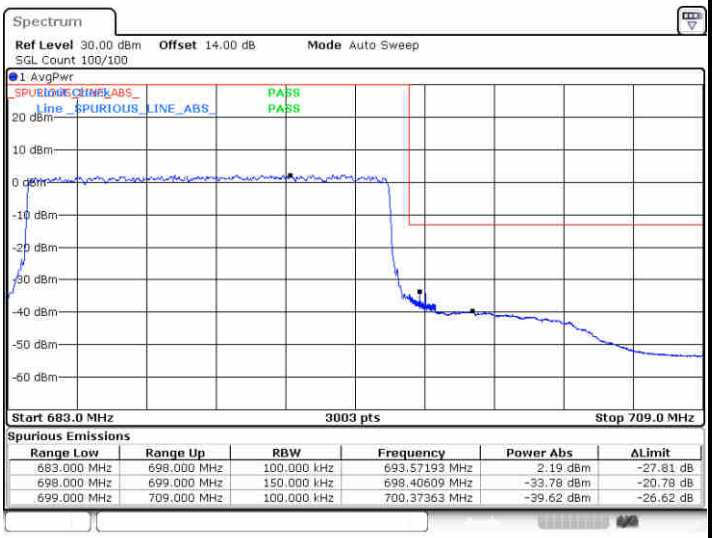


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.89610 MHz	-41.21 dBm	-28.21 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.94855 MHz	-35.28 dBm	-22.28 dB
663.000 MHz	678.000 MHz	100.000 kHz	669.88561 MHz	2.55 dBm	-27.45 dB

Date: 1.DEC.2019 09:10:58

Highest Band Edge / Full RB



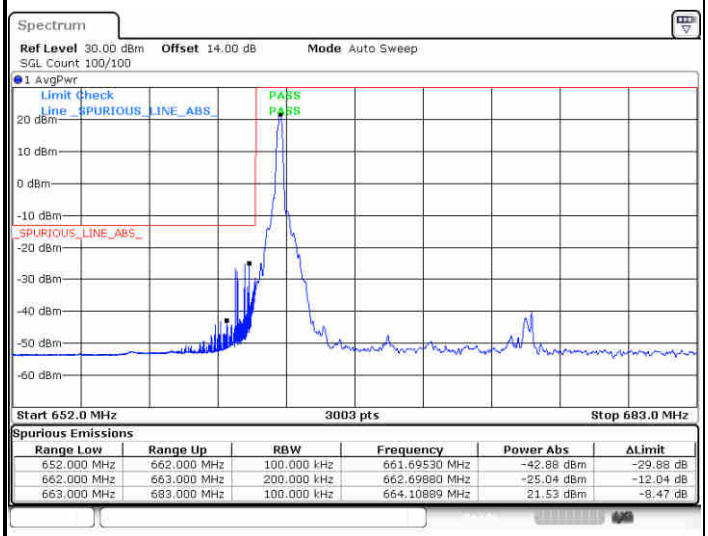
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	693.57193 MHz	2.19 dBm	-27.81 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.40609 MHz	-33.78 dBm	-20.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	700.37363 MHz	-39.62 dBm	-26.62 dB

Date: 1.DEC.2019 09:18:07

LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB

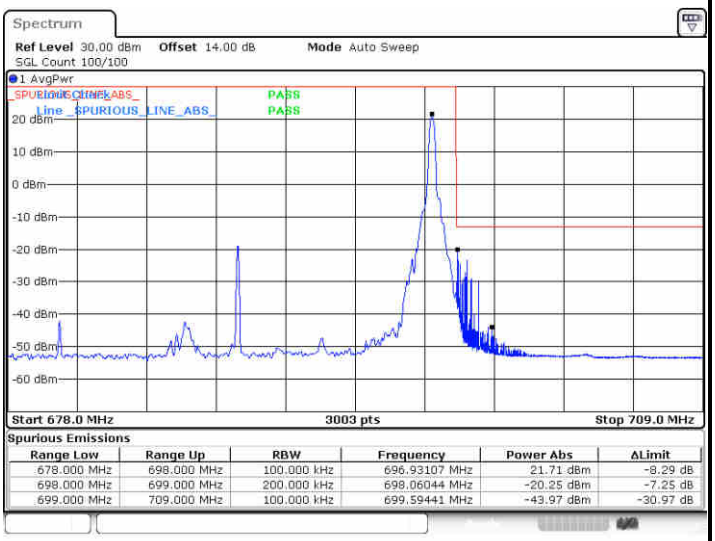


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.69530 MHz	-42.88 dBm	-29.88 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.69880 MHz	-25.04 dBm	-12.04 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.10889 MHz	21.53 dBm	-8.47 dB

Date: 1.DEC.2019 09:30:15

Highest Band Edge / 1 RB

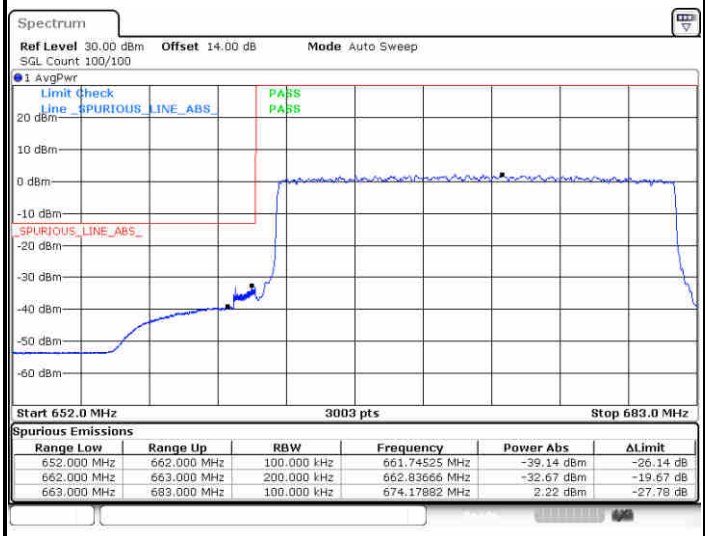


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.93107 MHz	21.71 dBm	-8.29 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.06044 MHz	-20.25 dBm	-7.25 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	-43.97 dBm	-30.97 dB

Date: 1.DEC.2019 09:52:25

Lowest Band Edge / Full RB

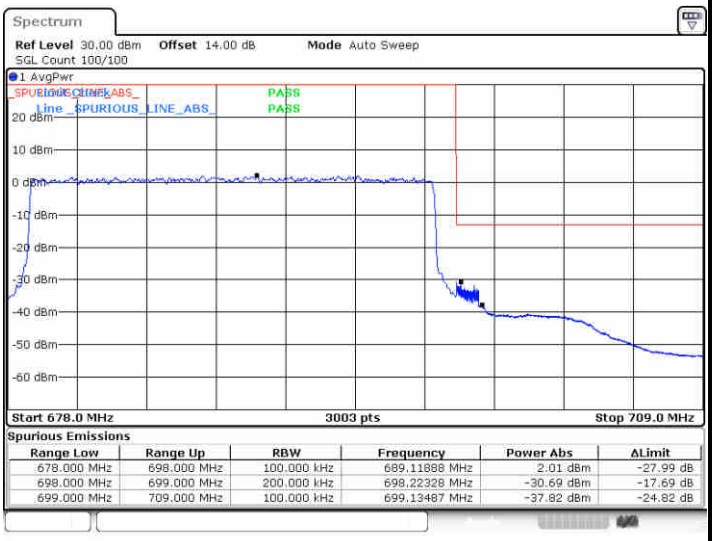


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.74525 MHz	-39.14 dBm	-26.14 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.83666 MHz	-32.67 dBm	-19.67 dB
663.000 MHz	683.000 MHz	100.000 kHz	674.17882 MHz	2.22 dBm	-27.78 dB

Date: 1.DEC.2019 09:42:43

Highest Band Edge / Full RB



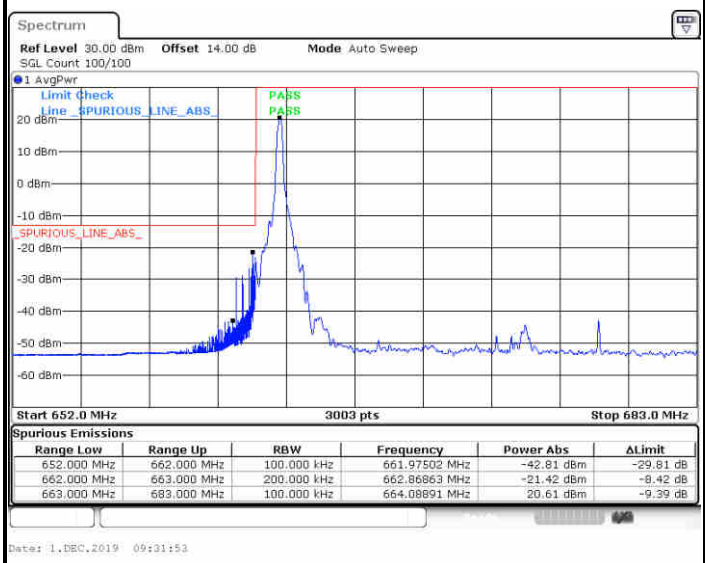
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	689.11888 MHz	2.01 dBm	-27.99 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.22328 MHz	-30.69 dBm	-17.69 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.13487 MHz	-37.82 dBm	-24.82 dB

Date: 1.DEC.2019 09:44:50

LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge /1 RB

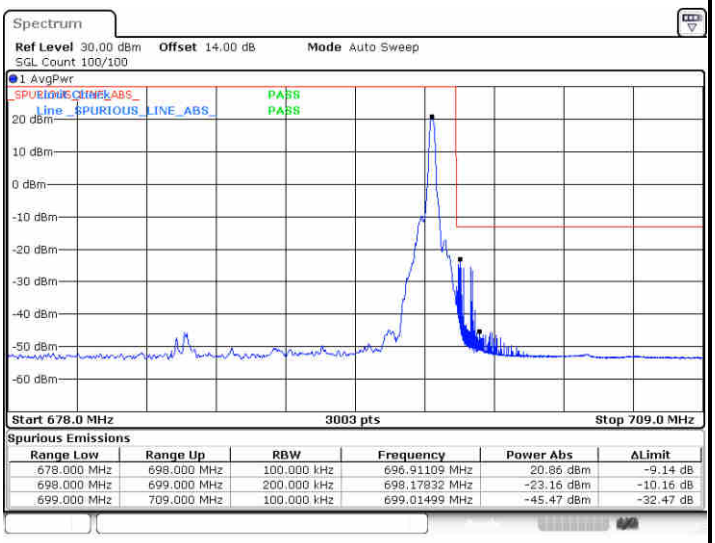


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.97502 MHz	-42.81 dBm	-29.81 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.86863 MHz	-21.42 dBm	-8.42 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.08891 MHz	20.61 dBm	-9.39 dB

Date: 1.DEC.2019 09:31:53

Highest Band Edge / 1RB

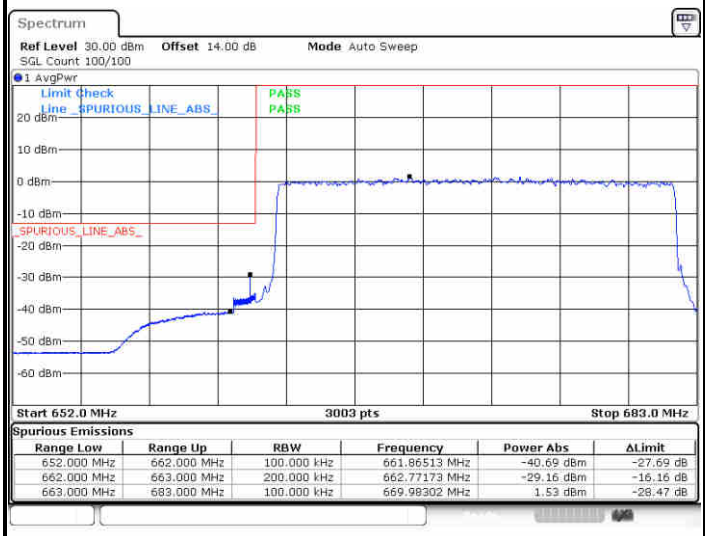


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.91109 MHz	20.86 dBm	-9.14 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.17832 MHz	-23.16 dBm	-10.16 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-45.47 dBm	-32.47 dB

Date: 1.DEC.2019 09:53:25

Lowest Band Edge / Full RB

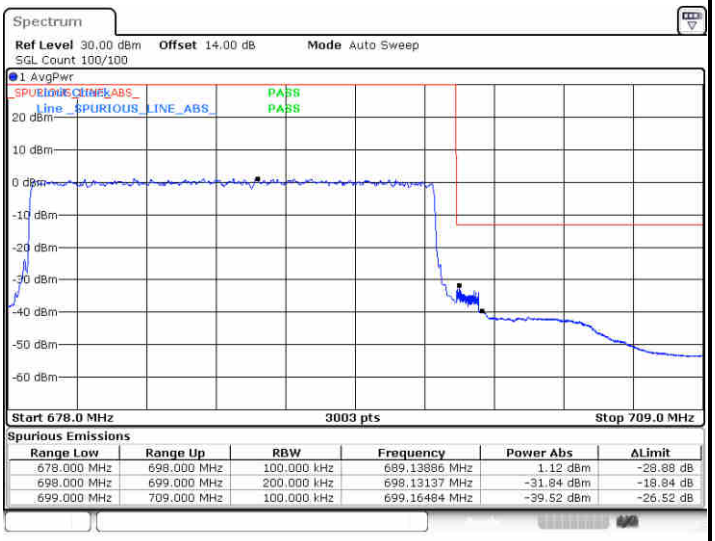


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.86513 MHz	-40.69 dBm	-27.69 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.77173 MHz	-29.16 dBm	-16.16 dB
663.000 MHz	683.000 MHz	100.000 kHz	669.98302 MHz	1.53 dBm	-28.47 dB

Date: 1.DEC.2019 09:41:35

Highest Band Edge / Full RB



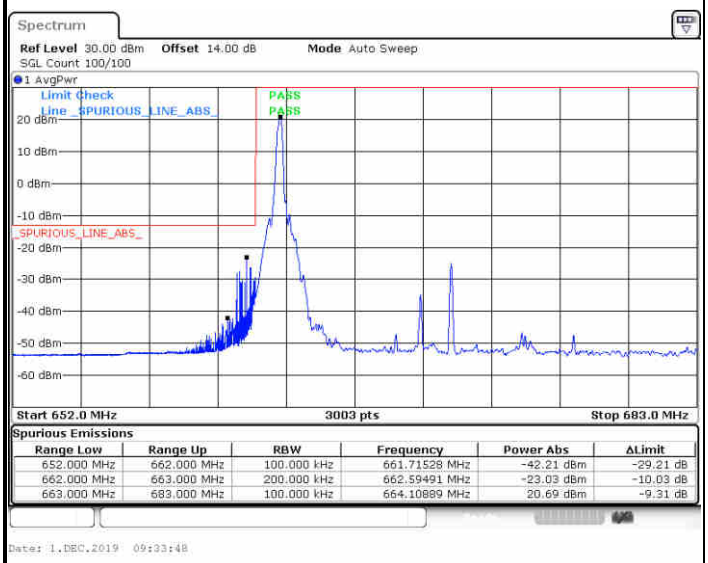
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	689.13886 MHz	1.12 dBm	-28.88 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.13137 MHz	-31.84 dBm	-18.84 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.16484 MHz	-39.52 dBm	-26.52 dB

Date: 1.DEC.2019 09:46:09

LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

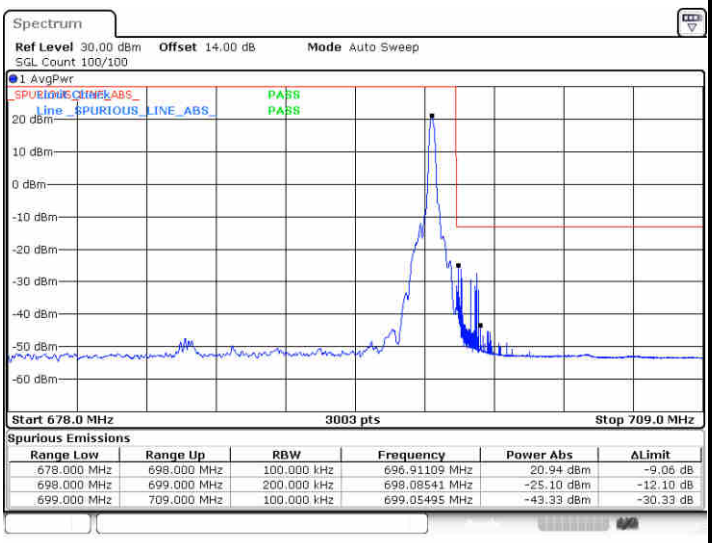


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.71528 MHz	-42.21 dBm	-29.21 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.59491 MHz	-23.03 dBm	-10.03 dB
663.000 MHz	683.000 MHz	100.000 kHz	664.10889 MHz	20.69 dBm	-9.31 dB

Date: 1.DEC.2019 09:33:48

Highest Band Edge / 1 RB

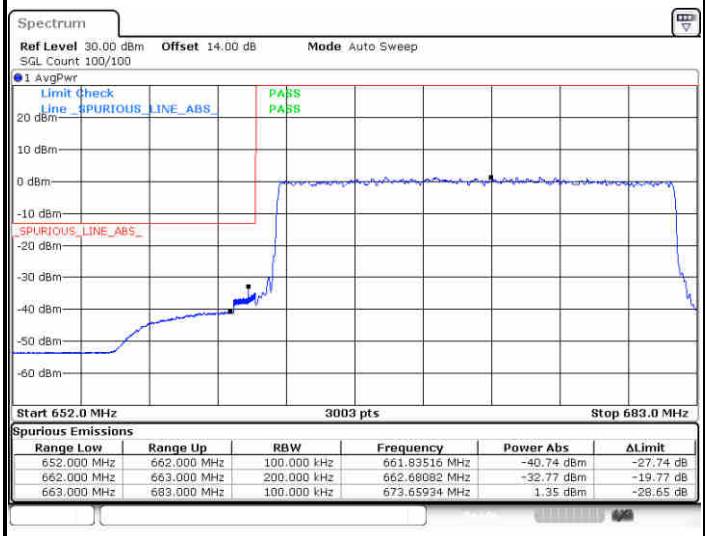


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	696.91109 MHz	20.94 dBm	-9.06 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.08541 MHz	-25.10 dBm	-12.10 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.05495 MHz	-43.33 dBm	-30.33 dB

Date: 1.DEC.2019 09:54:28

Lowest Band Edge / Full RB

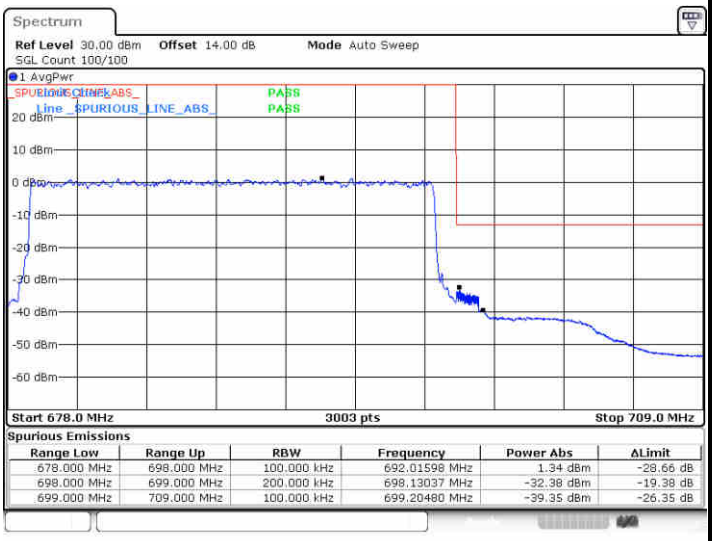


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.83516 MHz	-40.74 dBm	-27.74 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.68082 MHz	-32.77 dBm	-19.77 dB
663.000 MHz	683.000 MHz	100.000 kHz	673.65934 MHz	1.35 dBm	-28.65 dB

Date: 1.DEC.2019 09:38:16

Highest Band Edge / Full RB



Spurious Emissions

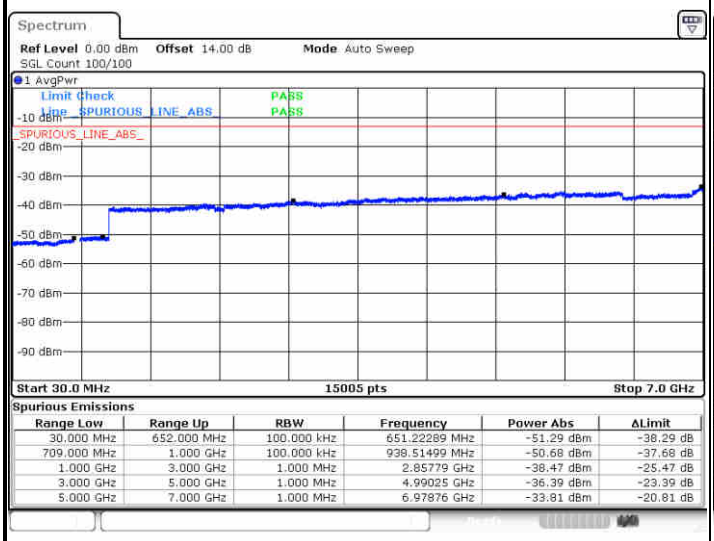
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	692.01598 MHz	1.34 dBm	-28.66 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.13037 MHz	-32.38 dBm	-19.38 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.20480 MHz	-39.35 dBm	-26.35 dB

Date: 1.DEC.2019 09:47:26

Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

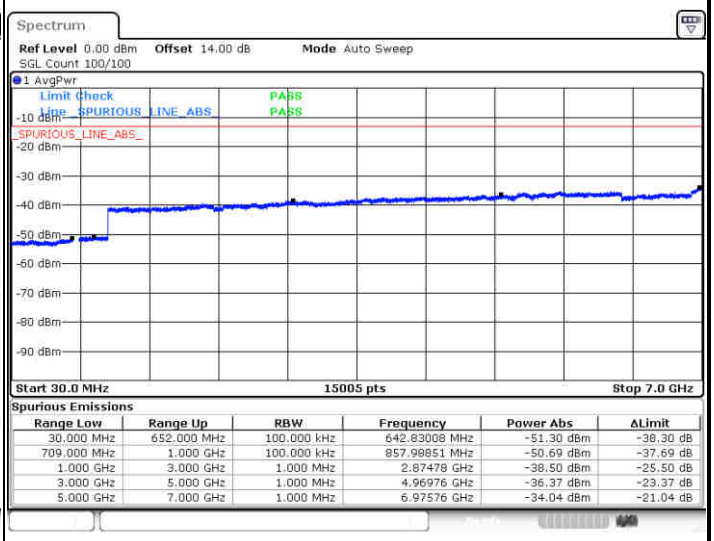


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	651.22289 MHz	-51.29 dBm	-38.29 dB
709.000 MHz	1.000 GHz	100.000 kHz	938.51499 MHz	-50.68 dBm	-37.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85779 GHz	-38.47 dBm	-25.47 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99025 GHz	-36.39 dBm	-23.39 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97876 GHz	-33.81 dBm	-20.81 dB

Date: 1.DEC.2019 07:54:46

Lowest Channel / 16QAM

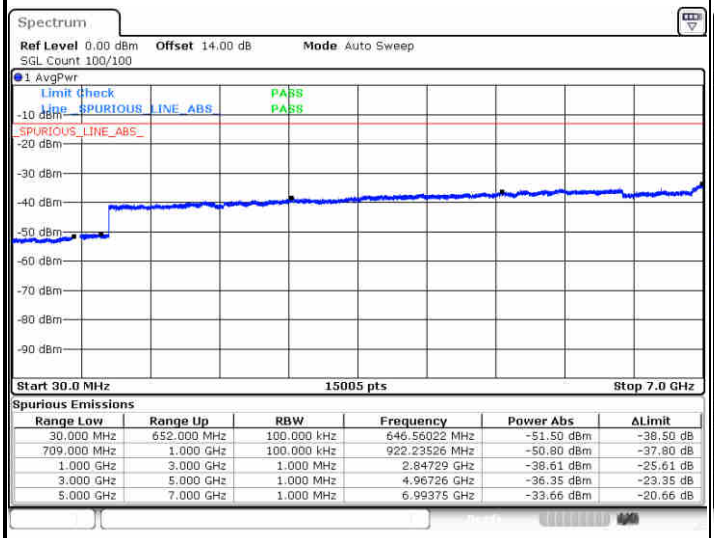


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	642.83008 MHz	-51.30 dBm	-38.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	857.98851 MHz	-50.69 dBm	-37.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87478 GHz	-38.50 dBm	-25.50 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96976 GHz	-36.37 dBm	-23.37 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97576 GHz	-34.04 dBm	-21.04 dB

Date: 1.DEC.2019 07:56:19

Middle Channel / QPSK

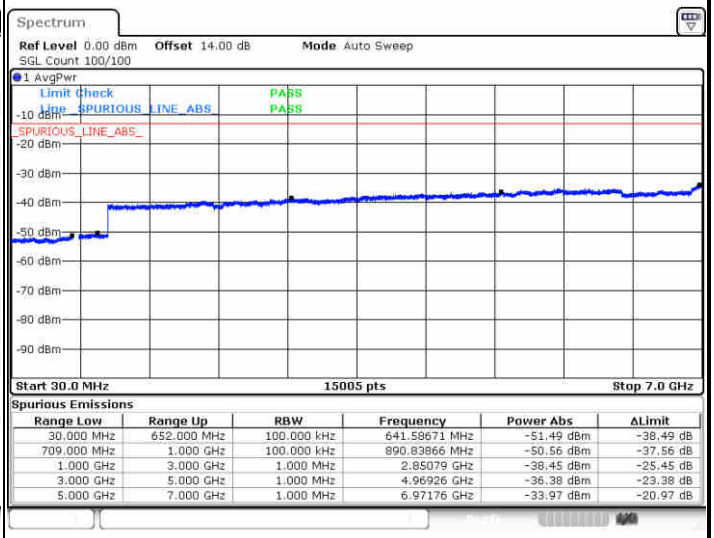


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	646.56022 MHz	-51.50 dBm	-38.50 dB
709.000 MHz	1.000 GHz	100.000 kHz	922.23526 MHz	-50.80 dBm	-37.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84729 GHz	-38.61 dBm	-25.61 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96726 GHz	-36.35 dBm	-23.35 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-33.66 dBm	-20.66 dB

Date: 1.DEC.2019 07:53:33

Middle Channel / 16QAM



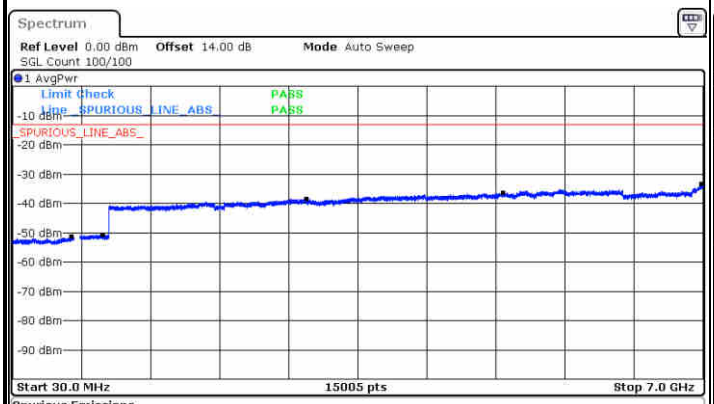
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	641.58671 MHz	-51.49 dBm	-38.49 dB
709.000 MHz	1.000 GHz	100.000 kHz	890.83866 MHz	-50.56 dBm	-37.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85079 GHz	-38.45 dBm	-25.45 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96926 GHz	-36.38 dBm	-23.38 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97176 GHz	-33.97 dBm	-20.97 dB

Date: 1.DEC.2019 07:52:52

LTE Band 71 / 5MHz

Highest Channel / QPSK

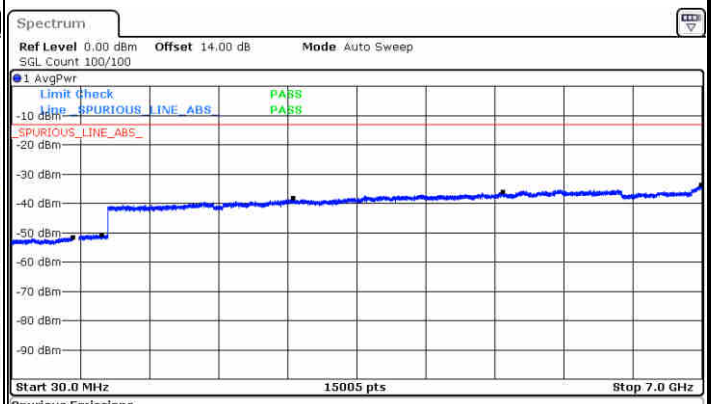


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.62519 MHz	-51.24 dBm	-38.24 dB
709.000 MHz	1.000 GHz	100.000 kHz	936.48002 MHz	-50.64 dBm	-37.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-38.40 dBm	-25.40 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98325 GHz	-36.29 dBm	-23.29 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-33.56 dBm	-20.56 dB

Date: 1.DEC.2019 08:15:39

Highest Channel / 16QAM



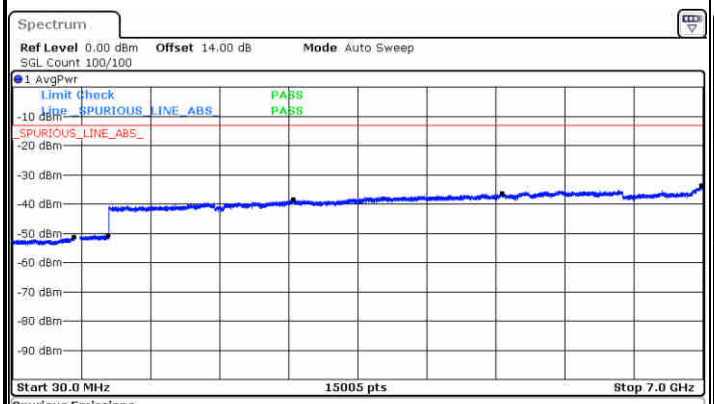
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.66867 MHz	-51.56 dBm	-38.56 dB
709.000 MHz	1.000 GHz	100.000 kHz	938.80569 MHz	-50.71 dBm	-37.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86678 GHz	-38.34 dBm	-25.34 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99125 GHz	-36.22 dBm	-23.22 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-33.84 dBm	-20.84 dB

Date: 1.DEC.2019 08:16:37

LTE Band 71 / 10MHz

Lowest Channel / QPSK

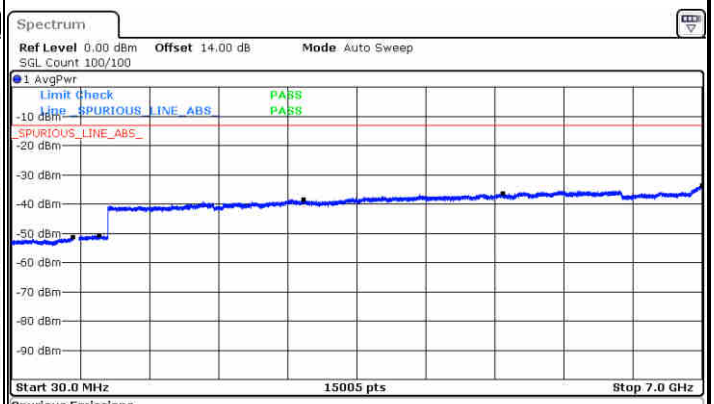


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.97951 MHz	-51.41 dBm	-38.41 dB
709.000 MHz	1.000 GHz	100.000 kHz	991.42408 MHz	-50.68 dBm	-37.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85779 GHz	-38.59 dBm	-25.59 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96626 GHz	-36.46 dBm	-23.46 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-33.71 dBm	-20.71 dB

Date: 1.DEC.2019 08:39:04

Lowest Channel / 16QAM



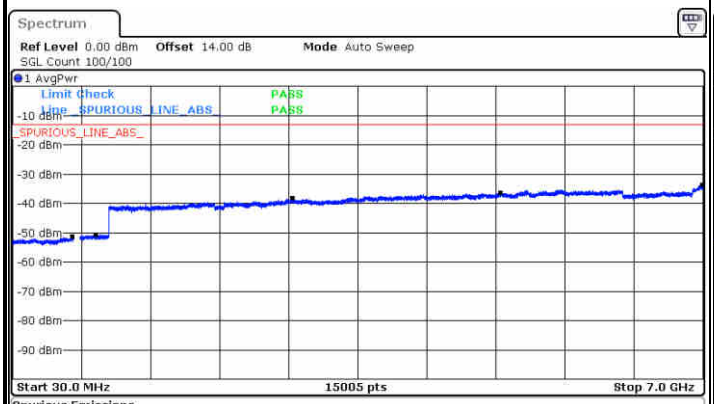
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	648.11444 MHz	-51.44 dBm	-38.44 dB
709.000 MHz	1.000 GHz	100.000 kHz	910.89760 MHz	-50.77 dBm	-37.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97376 GHz	-38.47 dBm	-25.47 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98925 GHz	-36.39 dBm	-23.39 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-33.80 dBm	-20.80 dB

Date: 1.DEC.2019 08:40:51

LTE Band 71 / 10MHz

Middle Channel / QPSK

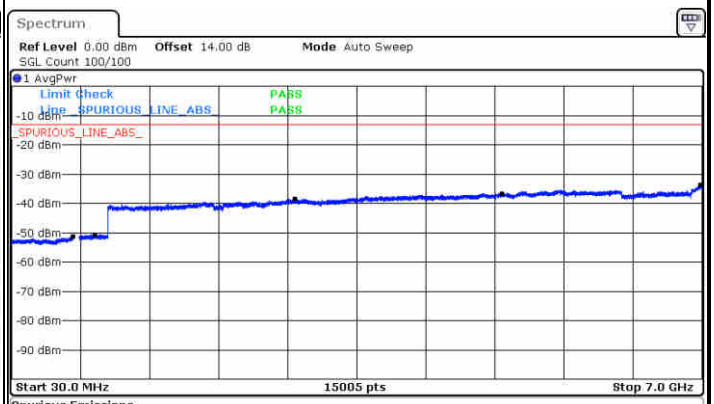


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	630.70715 MHz	-51.44 dBm	-38.44 dB
709.000 MHz	1.000 GHz	100.000 kHz	871.07043 MHz	-50.82 dBm	-37.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85679 GHz	-38.34 dBm	-25.34 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.95426 GHz	-36.42 dBm	-23.42 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-33.83 dBm	-20.83 dB

Date: 1.DEC.2019 08:37:13

Middle Channel / 16QAM

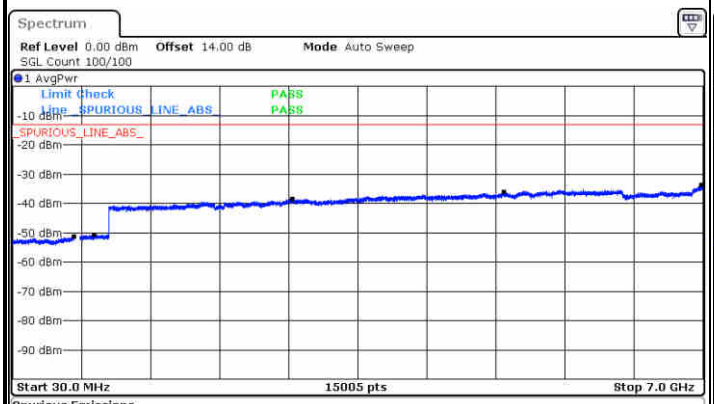


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	651.84458 MHz	-51.42 dBm	-38.42 dB
709.000 MHz	1.000 GHz	100.000 kHz	871.65185 MHz	-50.63 dBm	-37.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88428 GHz	-38.60 dBm	-25.60 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98275 GHz	-36.61 dBm	-23.61 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-33.84 dBm	-20.84 dB

Date: 1.DEC.2019 08:36:25

Highest Channel / QPSK

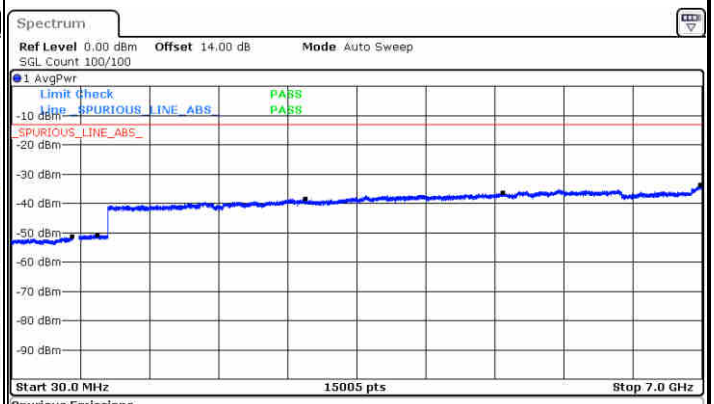


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.97951 MHz	-51.38 dBm	-38.38 dB
709.000 MHz	1.000 GHz	100.000 kHz	847.23227 MHz	-50.61 dBm	-37.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85429 GHz	-38.47 dBm	-25.47 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98875 GHz	-36.20 dBm	-23.20 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-33.62 dBm	-20.62 dB

Date: 1.DEC.2019 08:53:25

Highest Channel / 16QAM



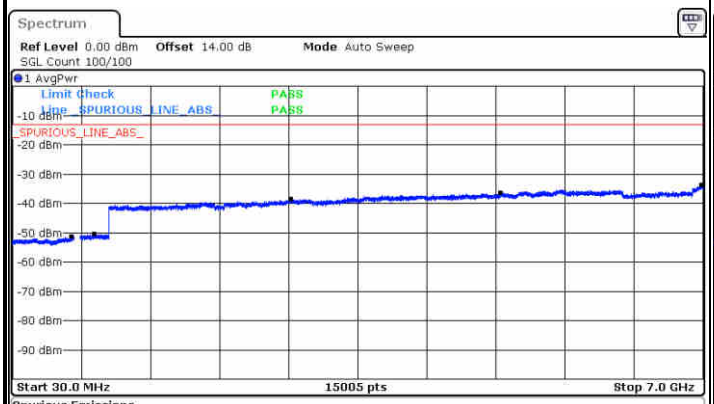
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-51.30 dBm	-38.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	898.39710 MHz	-50.62 dBm	-37.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99625 GHz	-38.47 dBm	-25.47 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98625 GHz	-36.49 dBm	-23.49 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-33.85 dBm	-20.85 dB

Date: 1.DEC.2019 08:52:38

LTE Band 71 / 15MHz

Lowest Channel / QPSK

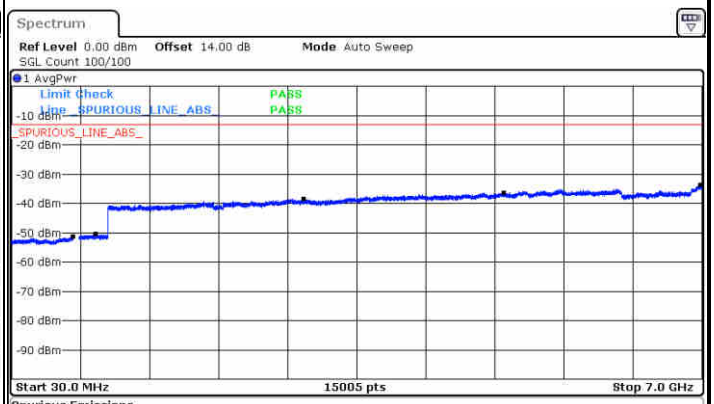


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	622.31434 MHz	-51.39 dBm	-38.39 dB
709.000 MHz	1.000 GHz	100.000 kHz	851.59291 MHz	-50.58 dBm	-37.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83429 GHz	-38.60 dBm	-25.60 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.95626 GHz	-36.36 dBm	-23.36 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-33.80 dBm	-20.80 dB

Date: 1.DEC.2019 09:05:15

Lowest Channel / 16QAM

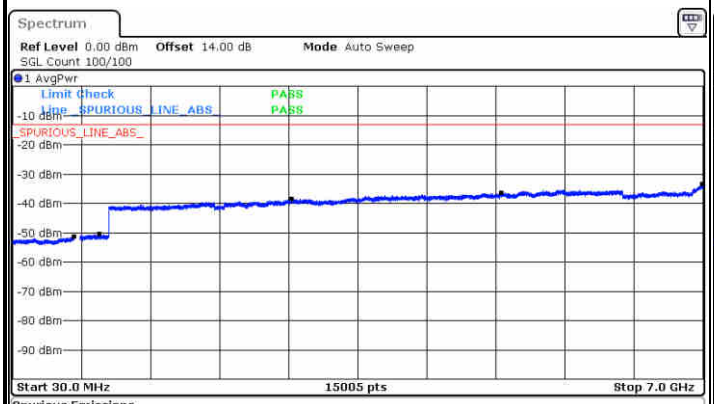


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	644.69515 MHz	-51.26 dBm	-38.26 dB
709.000 MHz	1.000 GHz	100.000 kHz	878.91958 MHz	-50.49 dBm	-37.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98075 GHz	-38.36 dBm	-25.36 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99775 GHz	-36.46 dBm	-23.46 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97776 GHz	-33.73 dBm	-20.73 dB

Date: 1.DEC.2019 09:06:17

Middle Channel / QPSK

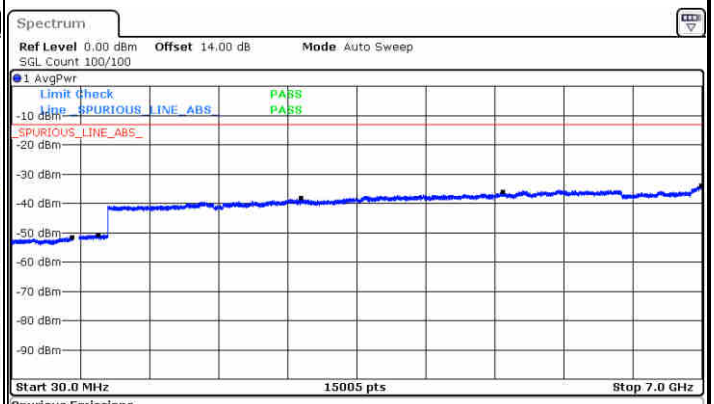


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	650.91204 MHz	-51.33 dBm	-38.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	906.24625 MHz	-50.55 dBm	-37.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84529 GHz	-38.51 dBm	-25.51 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96076 GHz	-36.28 dBm	-23.28 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-33.52 dBm	-20.52 dB

Date: 1.DEC.2019 09:01:49

Middle Channel / 16QAM



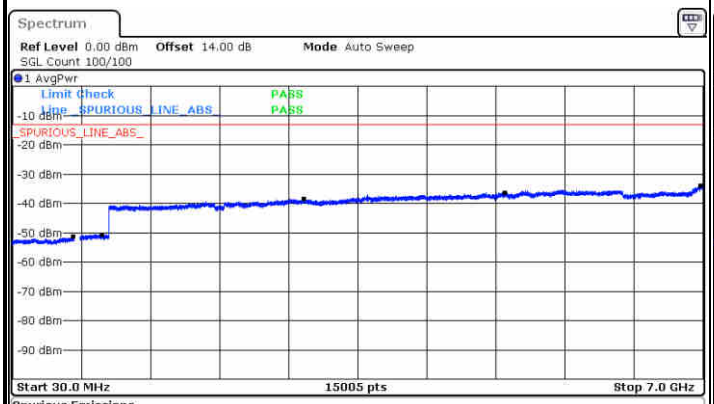
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-51.52 dBm	-38.52 dB
709.000 MHz	1.000 GHz	100.000 kHz	902.17632 MHz	-50.60 dBm	-37.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95376 GHz	-38.34 dBm	-25.34 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98475 GHz	-36.16 dBm	-23.16 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-33.95 dBm	-20.95 dB

Date: 1.DEC.2019 09:00:20

LTE Band71 / 15MHz

Highest Channel / QPSK

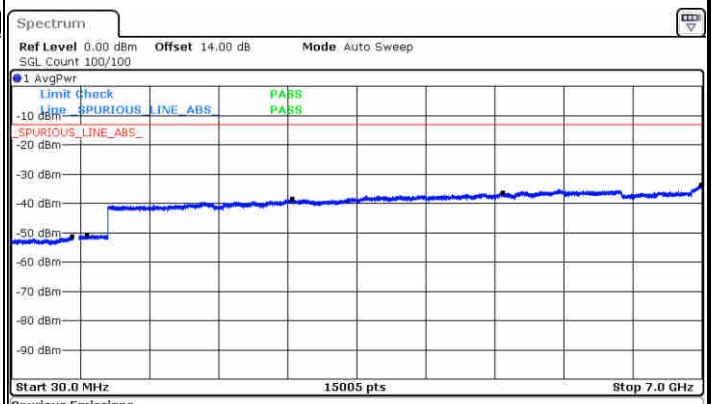


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-51.28 dBm	-38.28 dB
709.000 MHz	1.000 GHz	100.000 kHz	931.53796 MHz	-50.76 dBm	-37.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96926 GHz	-38.42 dBm	-25.42 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99725 GHz	-36.33 dBm	-23.33 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97026 GHz	-33.97 dBm	-20.97 dB

Date: 1.DEC.2019 09:20:55

Highest Channel / 16QAM



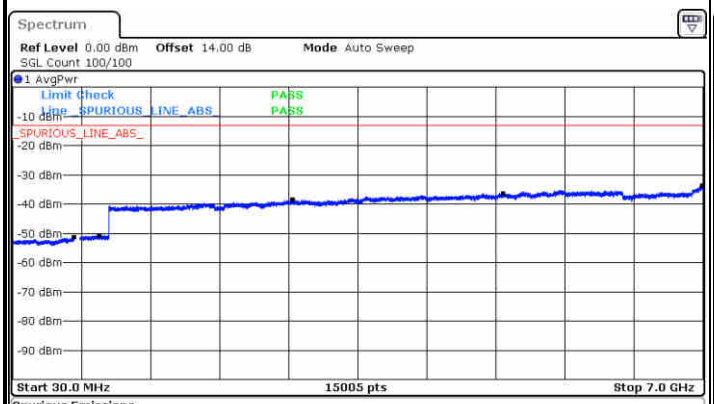
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.36982 MHz	-51.33 dBm	-38.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	788.21828 MHz	-50.65 dBm	-37.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85779 GHz	-38.53 dBm	-25.53 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98425 GHz	-36.40 dBm	-23.40 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-33.80 dBm	-20.80 dB

Date: 1.DEC.2019 09:20:03

LTE Band 71 / 20MHz

Lowest Channel / QPSK

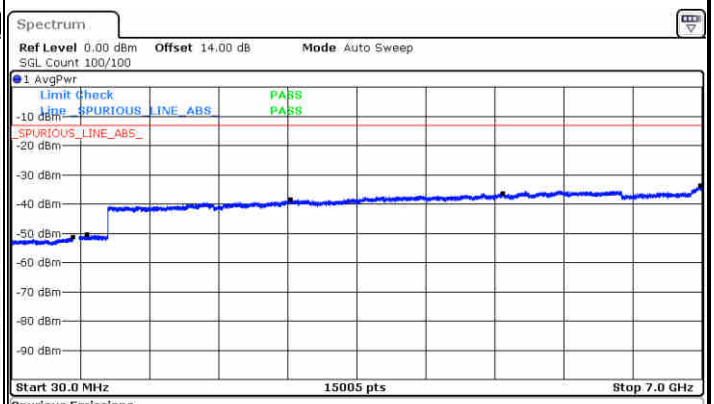


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	647.49275 MHz	-51.45 dBm	-38.45 dB
709.000 MHz	1.000 GHz	100.000 kHz	905.37413 MHz	-50.76 dBm	-37.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85229 GHz	-38.39 dBm	-25.39 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98275 GHz	-36.27 dBm	-23.27 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-33.81 dBm	-20.81 dB

Date: 1.DEC.2019 09:30:56

Lowest Channel / 16QAM



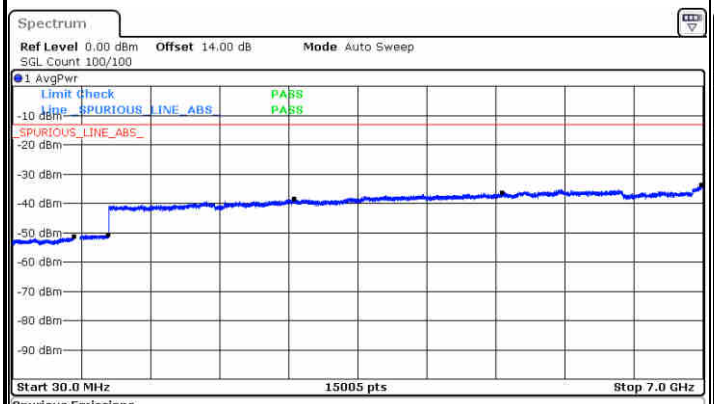
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	647.18191 MHz	-51.48 dBm	-38.48 dB
709.000 MHz	1.000 GHz	100.000 kHz	789.38112 MHz	-50.56 dBm	-37.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84679 GHz	-38.54 dBm	-25.54 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98725 GHz	-36.29 dBm	-23.29 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97876 GHz	-33.80 dBm	-20.80 dB

Date: 1.DEC.2019 09:32:37

LTE Band 71 / 20MHz

Middle Channel / QPSK

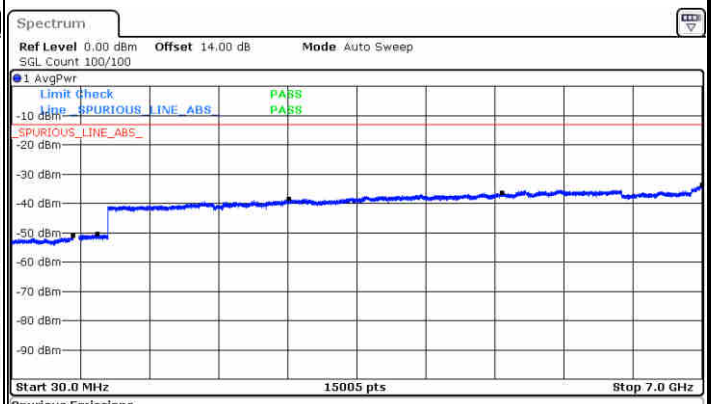


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	650.29035 MHz	-51.45 dBm	-38.45 dB
709.000 MHz	1.000 GHz	100.000 kHz	990.26124 MHz	-50.83 dBm	-37.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86828 GHz	-38.51 dBm	-25.51 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97276 GHz	-36.46 dBm	-23.46 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97876 GHz	-33.71 dBm	-20.71 dB

Date: 1.DEC.2019 09:28:42

Middle Channel / 16QAM

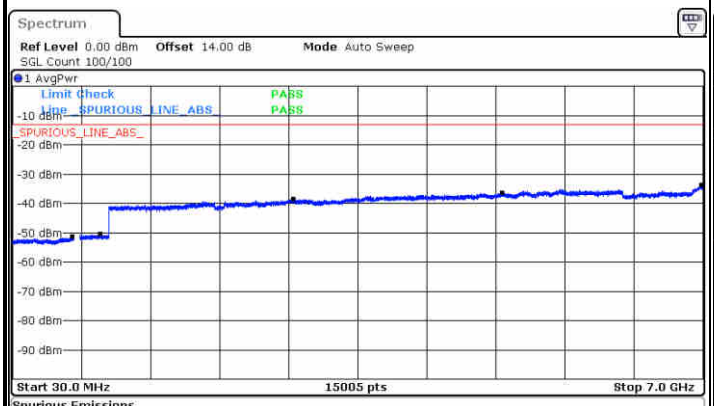


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	646.24938 MHz	-51.09 dBm	-38.09 dB
709.000 MHz	1.000 GHz	100.000 kHz	898.39710 MHz	-50.56 dBm	-37.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83079 GHz	-38.49 dBm	-25.49 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98175 GHz	-36.42 dBm	-23.42 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-33.63 dBm	-20.63 dB

Date: 1.DEC.2019 09:27:36

Highest Channel / QPSK

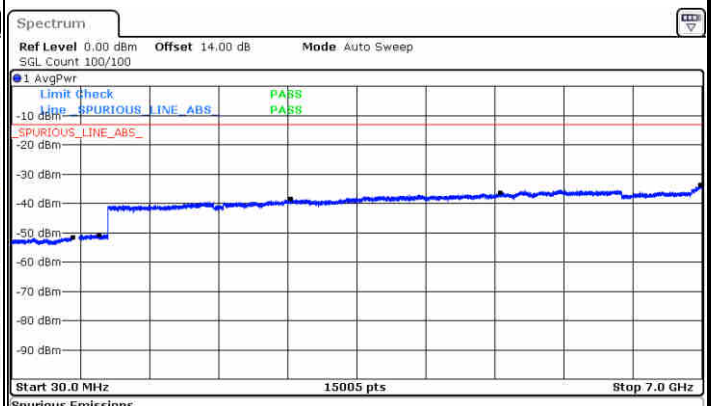


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	632.57221 MHz	-51.30 dBm	-38.30 dB
709.000 MHz	1.000 GHz	100.000 kHz	908.57193 MHz	-50.50 dBm	-37.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86478 GHz	-38.44 dBm	-25.44 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97226 GHz	-36.31 dBm	-23.31 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97876 GHz	-33.87 dBm	-20.87 dB

Date: 1.DEC.2019 09:51:23

Highest Channel / 16QAM



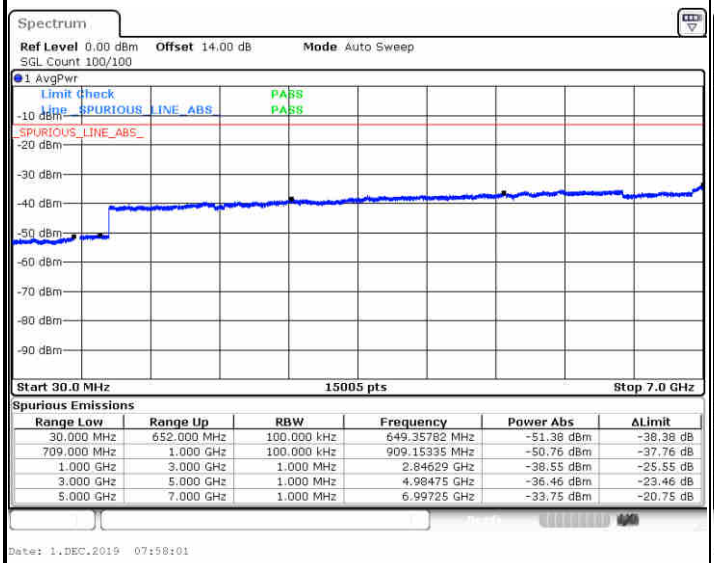
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	650.60120 MHz	-51.50 dBm	-38.50 dB
709.000 MHz	1.000 GHz	100.000 kHz	915.25824 MHz	-50.68 dBm	-37.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84329 GHz	-38.46 dBm	-25.46 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96276 GHz	-36.34 dBm	-23.34 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-33.61 dBm	-20.61 dB

Date: 1.DEC.2019 09:50:12

LTE Band 71 / 5MHz

Lowest Channel / 64QAM

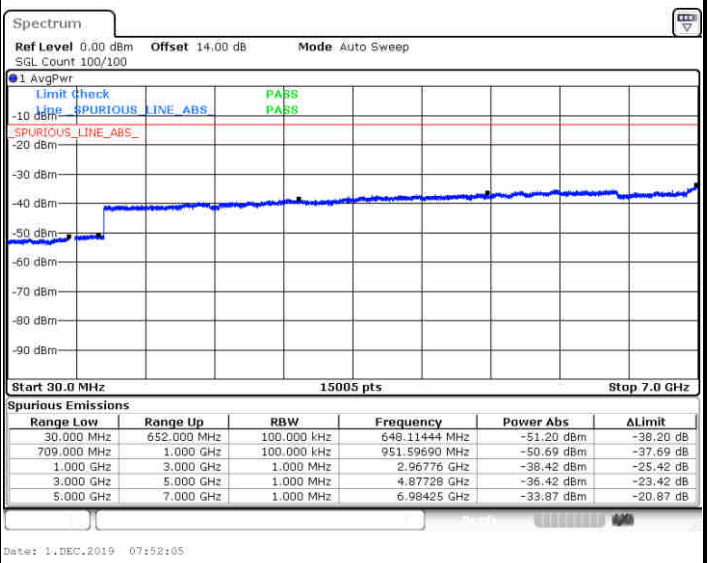


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.35782 MHz	-51.38 dBm	-38.38 dB
709.000 MHz	1.000 GHz	100.000 kHz	909.15335 MHz	-50.76 dBm	-37.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84629 GHz	-38.55 dBm	-25.55 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98475 GHz	-36.46 dBm	-23.46 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-33.75 dBm	-20.75 dB

Date: 1.DEC.2019 07:58:01

Middle Channel / 64QAM

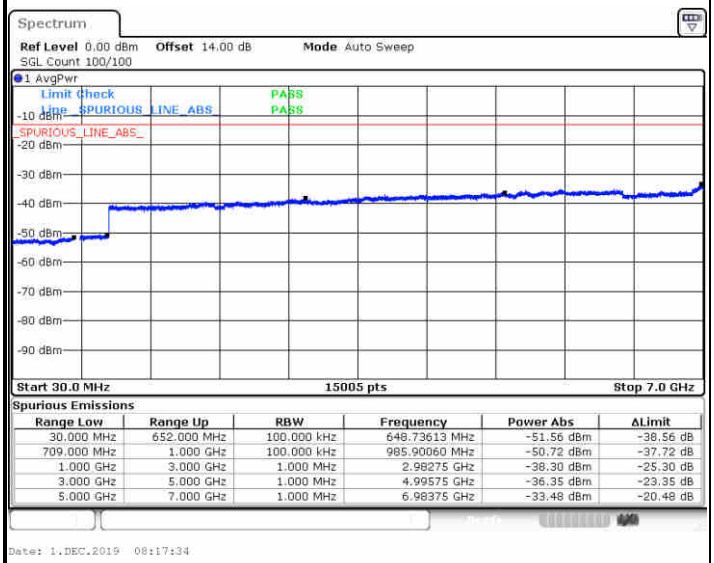


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	648.11444 MHz	-51.20 dBm	-38.20 dB
709.000 MHz	1.000 GHz	100.000 kHz	951.59690 MHz	-50.69 dBm	-37.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96776 GHz	-38.42 dBm	-25.42 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.87728 GHz	-36.42 dBm	-23.42 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-33.87 dBm	-20.87 dB

Date: 1.DEC.2019 07:52:05

Highest Channel / 64QAM



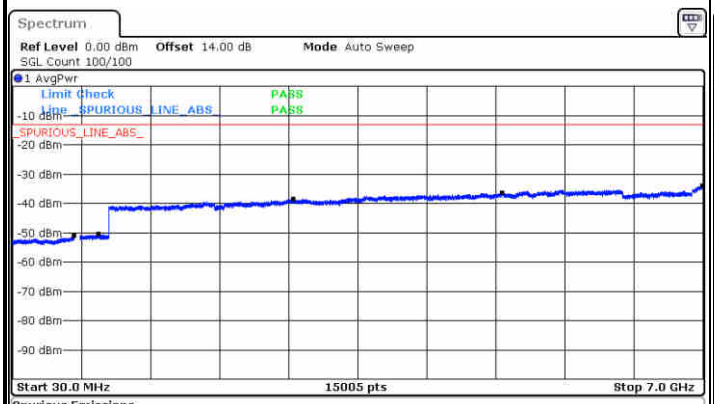
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	648.73613 MHz	-51.56 dBm	-38.56 dB
709.000 MHz	1.000 GHz	100.000 kHz	985.90060 MHz	-50.72 dBm	-37.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98275 GHz	-38.30 dBm	-25.30 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99575 GHz	-36.35 dBm	-23.35 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-33.48 dBm	-20.48 dB

Date: 1.DEC.2019 08:17:34

LTE Band 71 / 10MHz

Lowest Channel / 64QAM

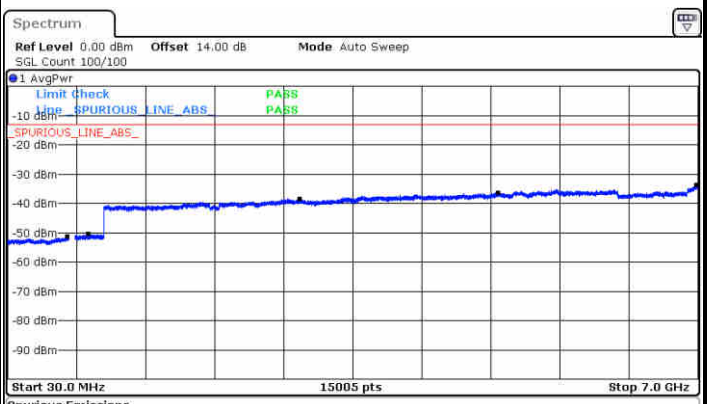


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.76262 MHz	-51.17 dBm	-38.17 dB
709.000 MHz	1.000 GHz	100.000 kHz	896.36214 MHz	-50.58 dBm	-37.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85879 GHz	-38.48 dBm	-25.48 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97326 GHz	-36.47 dBm	-23.47 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-33.95 dBm	-20.95 dB

Date: 1.DEC.2019 08:42:30

Middle Channel / 64QAM

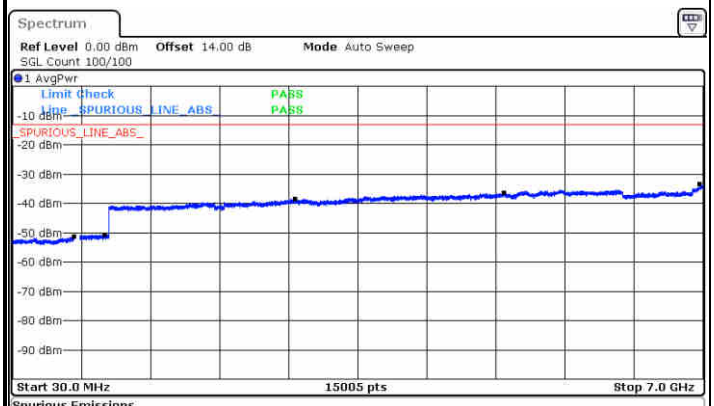


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	630.08546 MHz	-51.42 dBm	-38.42 dB
709.000 MHz	1.000 GHz	100.000 kHz	840.83666 MHz	-50.57 dBm	-37.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97276 GHz	-38.40 dBm	-25.40 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97776 GHz	-36.32 dBm	-23.32 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98225 GHz	-33.83 dBm	-20.83 dB

Date: 1.DEC.2019 08:35:37

Highest Channel / 64QAM



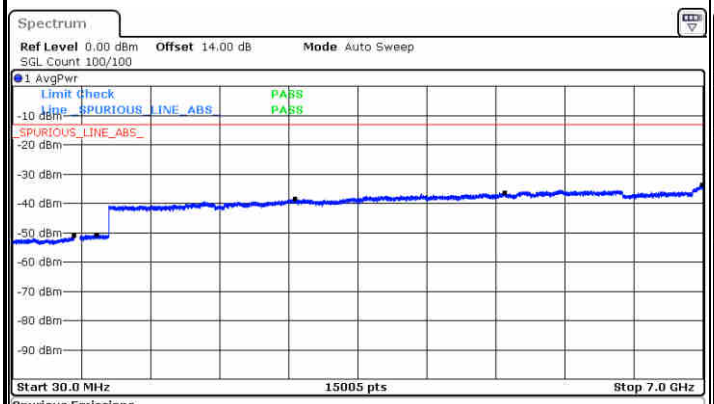
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.04698 MHz	-51.45 dBm	-38.45 dB
709.000 MHz	1.000 GHz	100.000 kHz	953.34116 MHz	-50.72 dBm	-37.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87928 GHz	-38.59 dBm	-25.59 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98525 GHz	-36.30 dBm	-23.30 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96626 GHz	-33.46 dBm	-20.46 dB

Date: 1.DEC.2019 08:51:53

LTE Band 71 / 15MHz

Lowest Channel / 64QAM

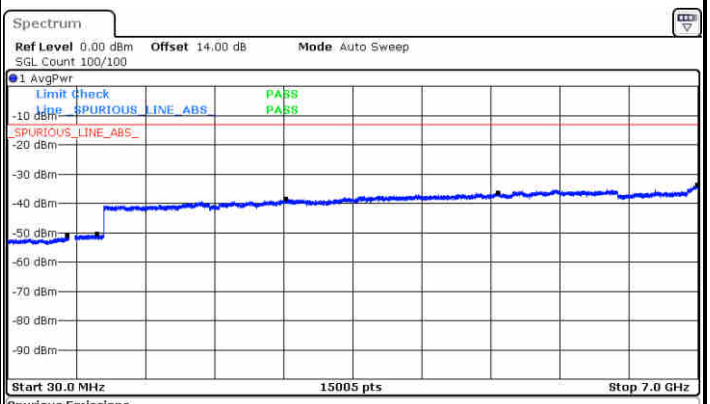


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.04698 MHz	-51.17 dBm	-38.17 dB
709.000 MHz	1.000 GHz	100.000 kHz	881.24525 MHz	-50.67 dBm	-37.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87978 GHz	-38.45 dBm	-25.45 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99875 GHz	-36.33 dBm	-23.33 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-33.70 dBm	-20.70 dB

Date: 1.DEC.2019 09:07:58

Middle Channel / 64QAM

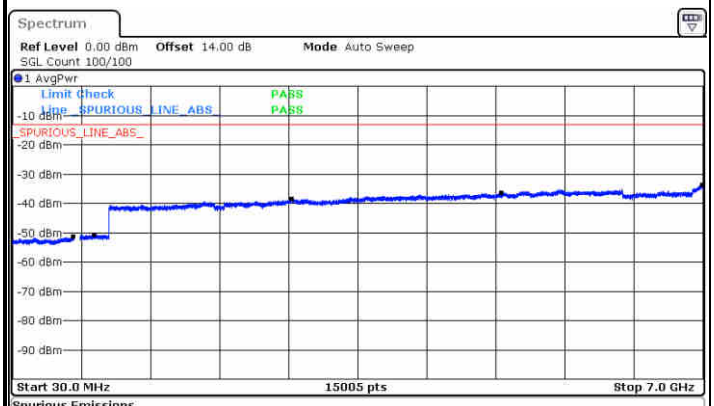


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	629.77461 MHz	-51.16 dBm	-38.16 dB
709.000 MHz	1.000 GHz	100.000 kHz	933.86364 MHz	-50.53 dBm	-37.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83279 GHz	-38.52 dBm	-25.52 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98025 GHz	-36.28 dBm	-23.28 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-33.76 dBm	-20.76 dB

Date: 1.DEC.2019 08:59:29

Highest Channel / 64QAM



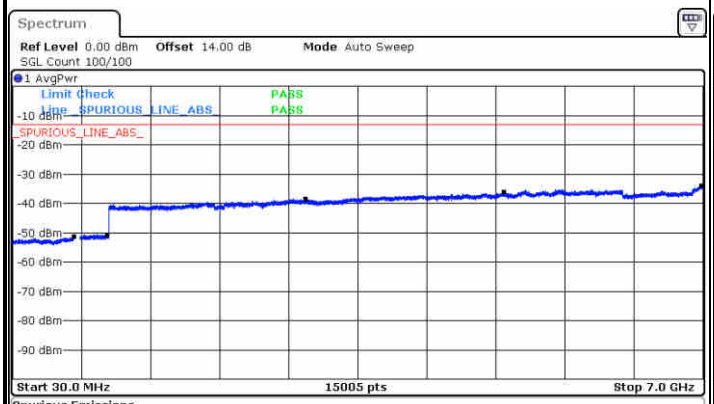
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	642.51924 MHz	-51.39 dBm	-38.39 dB
709.000 MHz	1.000 GHz	100.000 kHz	846.94156 MHz	-50.65 dBm	-37.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84679 GHz	-38.53 dBm	-25.53 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.96026 GHz	-36.43 dBm	-23.43 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-33.87 dBm	-20.87 dB

Date: 1.DEC.2019 09:19:07

LTE Band 71 / 20MHz

Lowest Channel / 64QAM

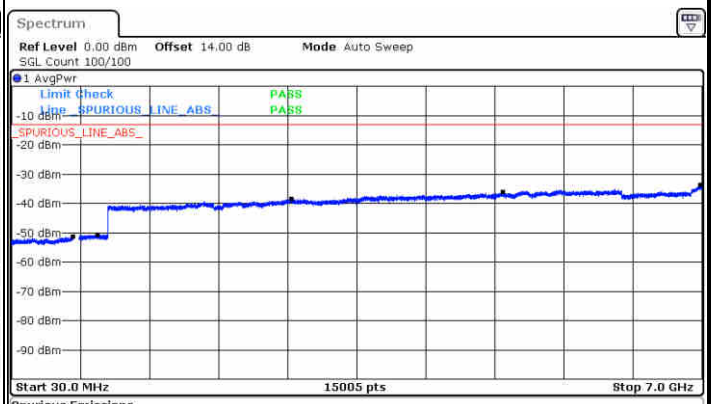


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	651.22289 MHz	-51.40 dBm	-38.40 dB
709.000 MHz	1.000 GHz	100.000 kHz	979.79570 MHz	-50.75 dBm	-37.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98675 GHz	-38.49 dBm	-25.49 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98575 GHz	-36.21 dBm	-23.21 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-33.97 dBm	-20.97 dB

Date: 1.DEC.2019 09:34:49

Middle Channel / 64QAM

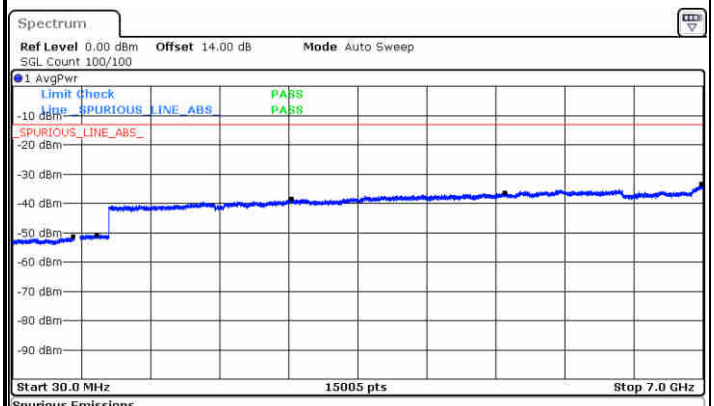


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	649.66867 MHz	-51.41 dBm	-38.41 dB
709.000 MHz	1.000 GHz	100.000 kHz	893.45504 MHz	-50.75 dBm	-37.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85429 GHz	-38.38 dBm	-25.38 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98875 GHz	-36.16 dBm	-23.16 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-33.64 dBm	-20.64 dB

Date: 1.DEC.2019 09:26:55

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.99150 MHz	-51.33 dBm	-38.33 dB
709.000 MHz	1.000 GHz	100.000 kHz	874.84965 MHz	-50.73 dBm	-37.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84179 GHz	-38.48 dBm	-25.48 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.99625 GHz	-36.55 dBm	-23.55 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-33.56 dBm	-20.56 dB

Date: 1.DEC.2019 09:48:27

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.03	29.85	25.13	30.57
Middle CH	24.73	25.03	29.79	25.08	30.45
Highest CH	24.53	24.93	29.79	25.23	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.88	30.09	34.83	39.80
Middle CH	34.76	24.88	30.03	34.97	39.88
Highest CH	34.90	24.83	30.09	34.90	39.72

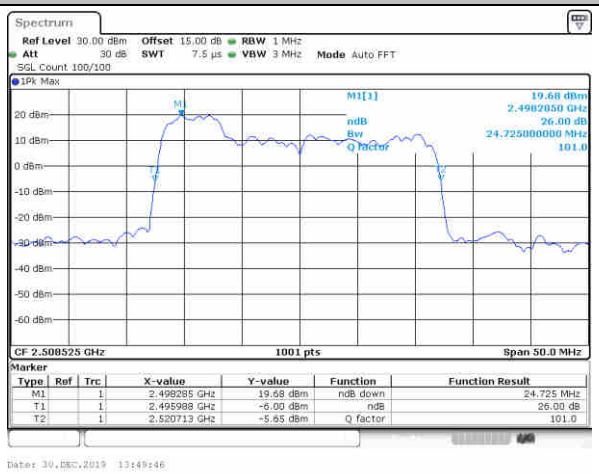
Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.63	25.23	29.67	25.23	30.45
Middle CH	24.68	25.03	29.85	25.08	30.39
Highest CH	24.68	24.98	29.91	25.03	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.88	30.03	34.69	39.80
Middle CH	34.90	24.78	30.15	34.76	39.56
Highest CH	34.76	24.83	29.79	34.76	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	25.13	29.79	25.13	30.45
Middle CH	24.63	25.08	29.97	25.08	30.57
Highest CH	24.63	25.08	29.85	24.93	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.83	29.91	34.76	39.64
Middle CH	34.76	24.73	29.85	35.11	39.72
Highest CH	34.76	24.83	29.97	34.97	39.64

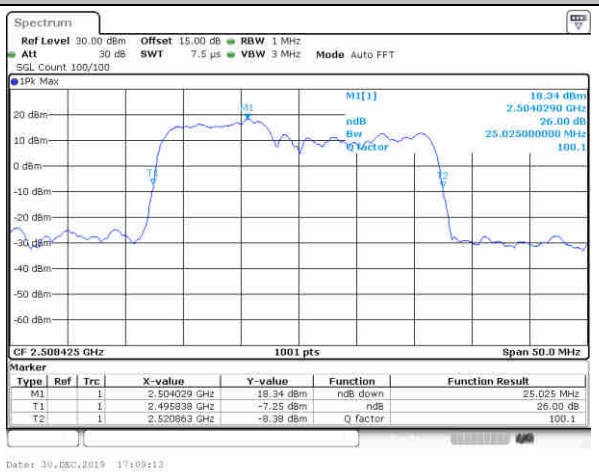
LTE Band 41C

QPSK

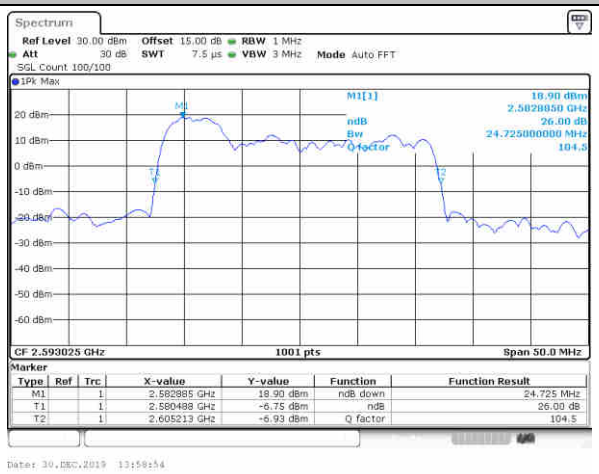
Lowest Channel / 5MHz+20MHz



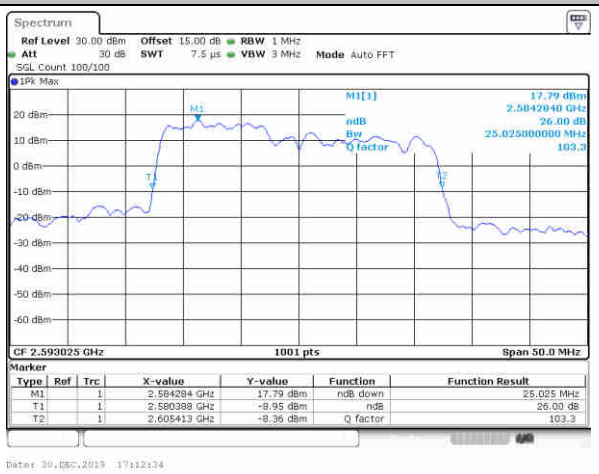
Lowest Channel / 10MHz+15MHz



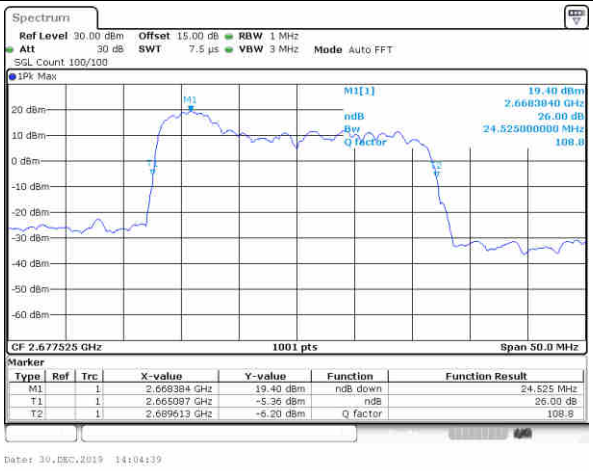
Middle Channel / 5MHz+20MHz



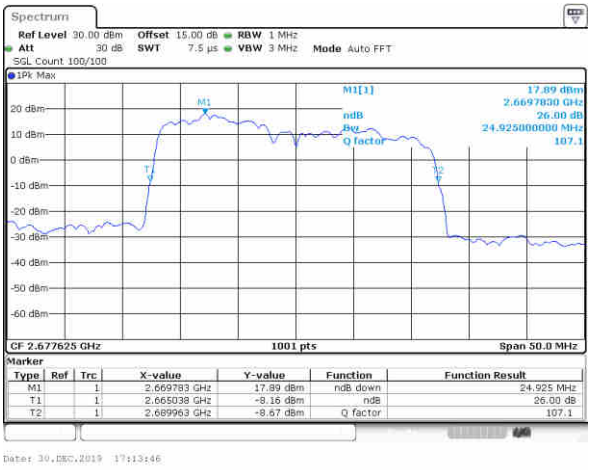
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



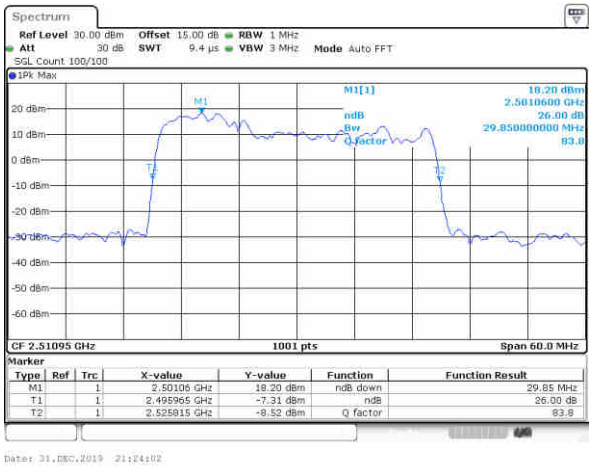
Highest Channel / 10MHz+15MHz



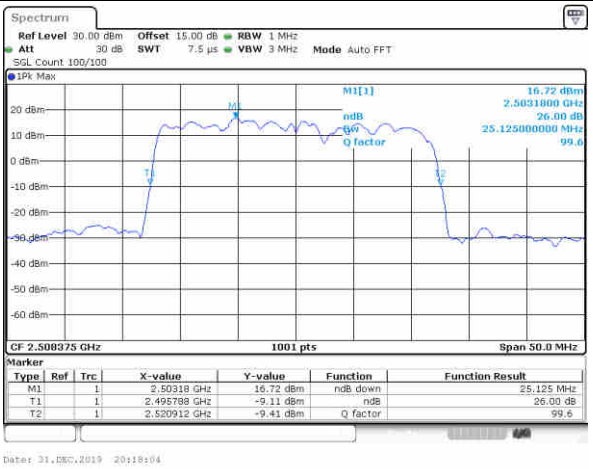
LTE Band 41C

QPSK

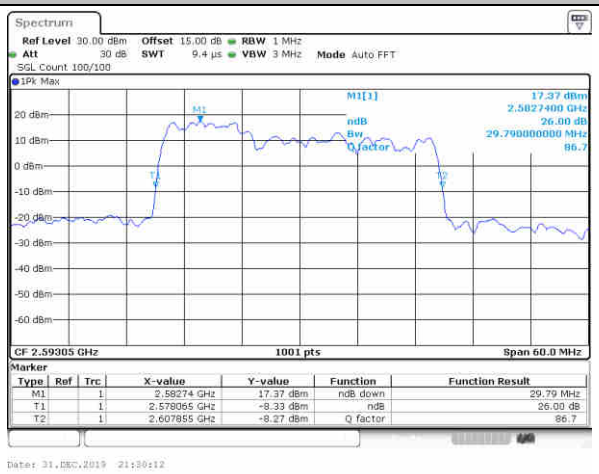
Lowest Channel / 10MHz+20MHz



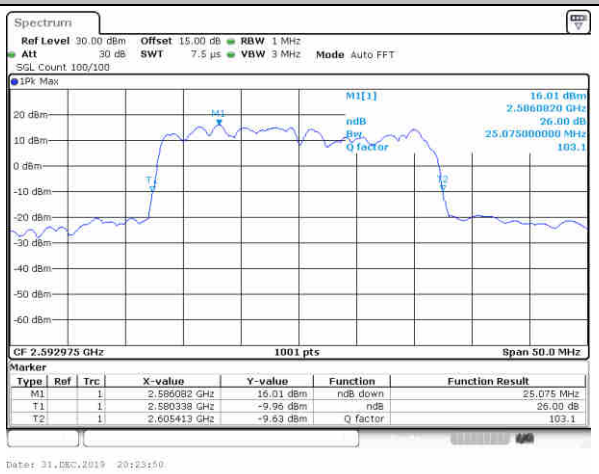
Lowest Channel / 15MHz+10MHz



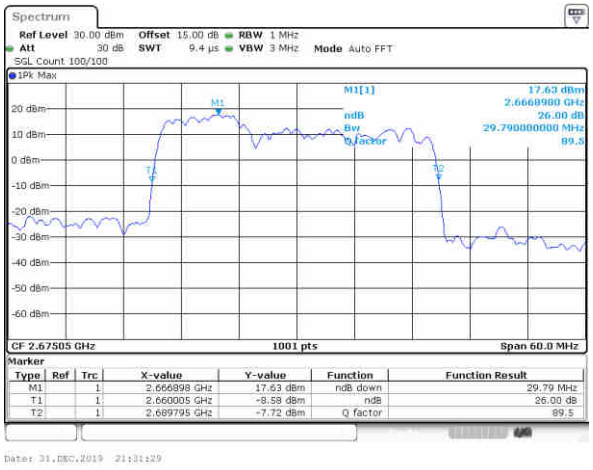
Middle Channel / 10MHz+20MHz



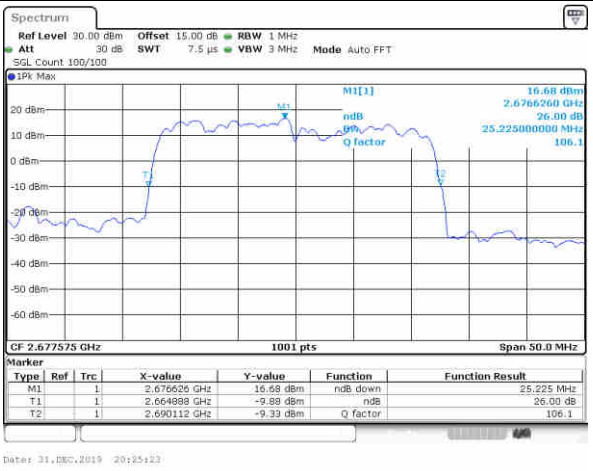
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



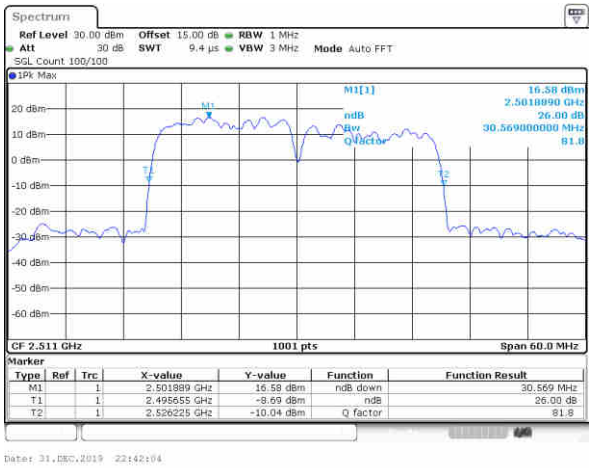
Highest Channel / 15MHz+10MHz



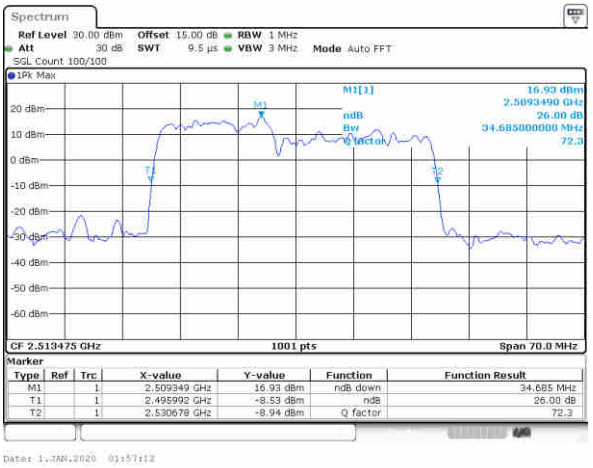
LTE Band 41C

QPSK

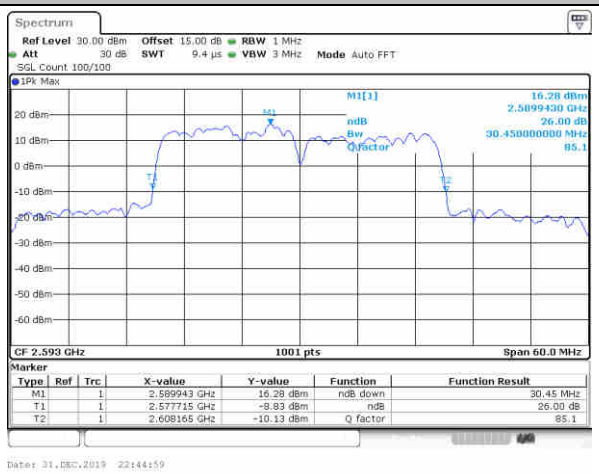
Lowest Channel / 15MHz+15MHz



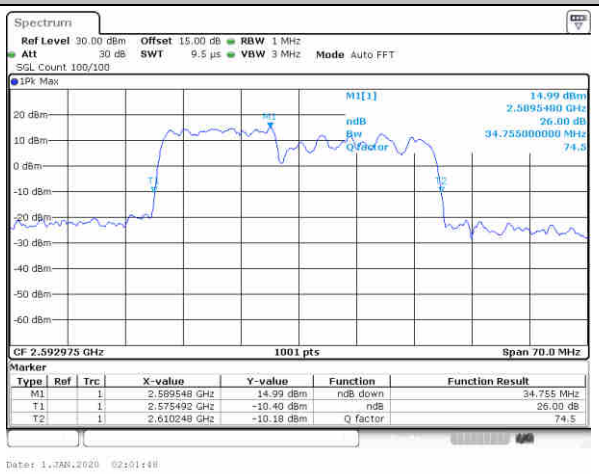
Lowest Channel / 15MHz+20MHz



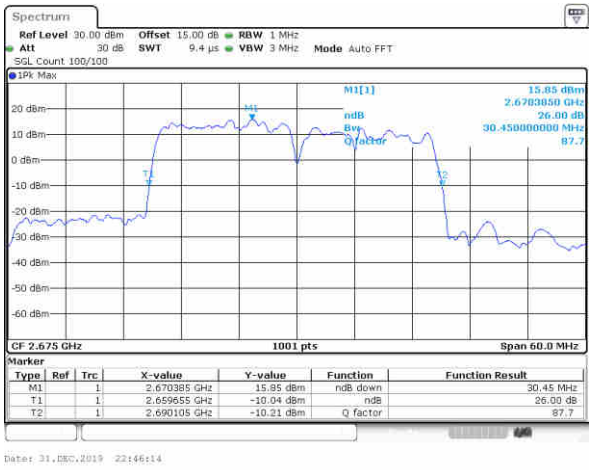
Middle Channel / 15MHz+15MHz



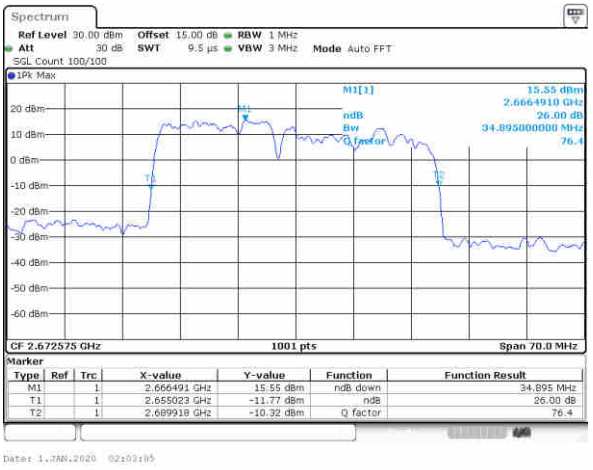
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



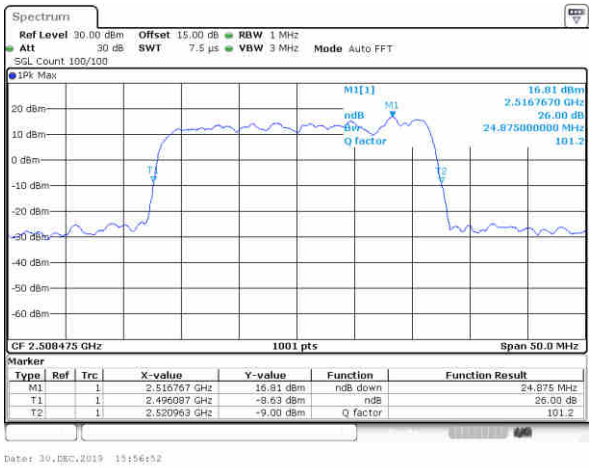
Highest Channel / 15MHz+20MHz



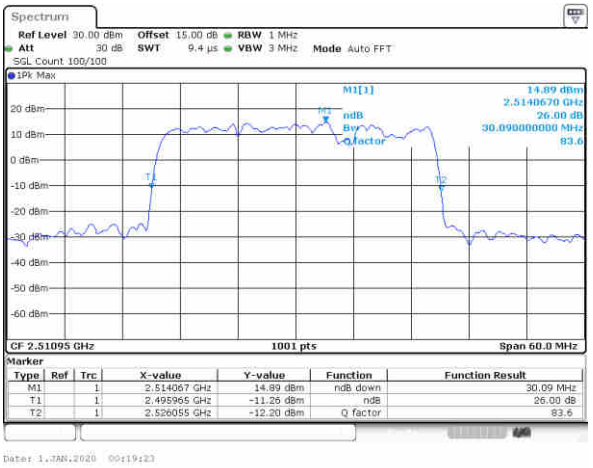
LTE Band 41

QPSK

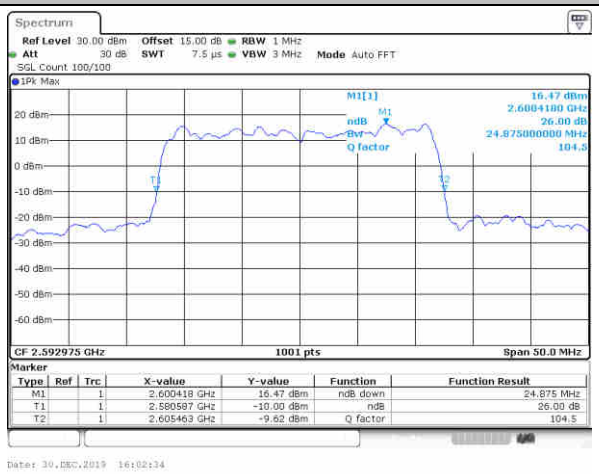
Lowest Channel / 20MHz+5MHz



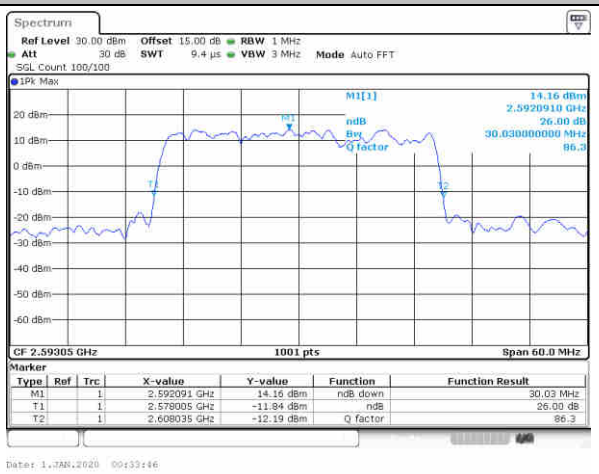
Lowest Channel / 20MHz+10MHz



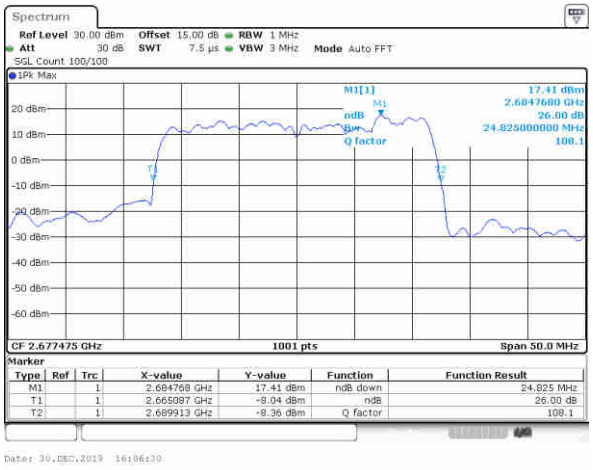
Middle Channel / 20MHz+5MHz



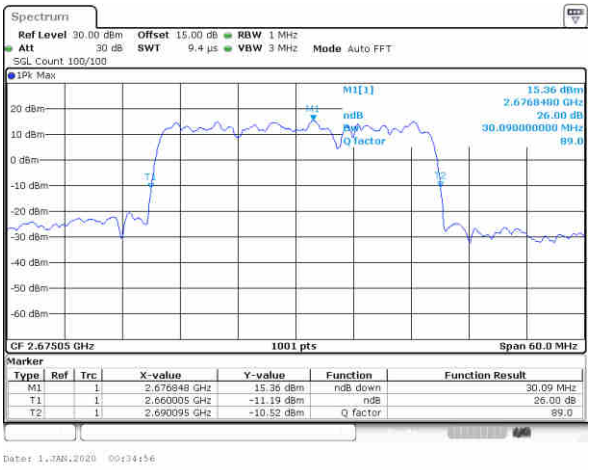
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



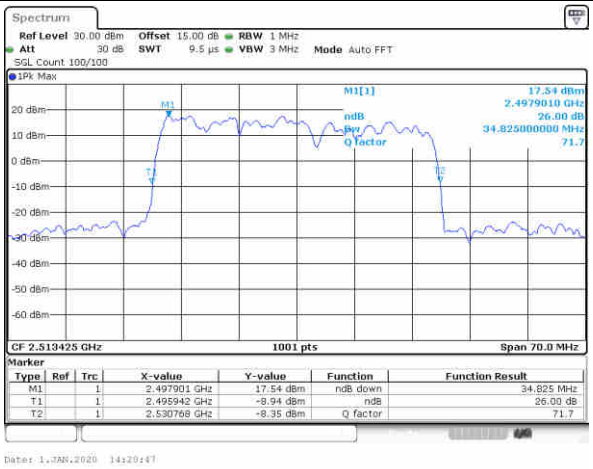
Highest Channel / 20MHz+10MHz



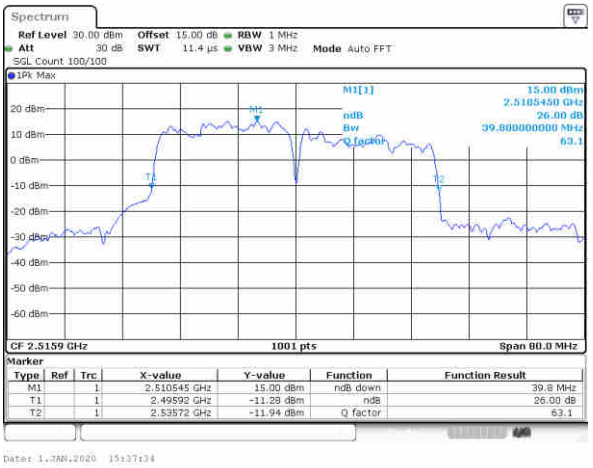
LTE Band 41C

QPSK

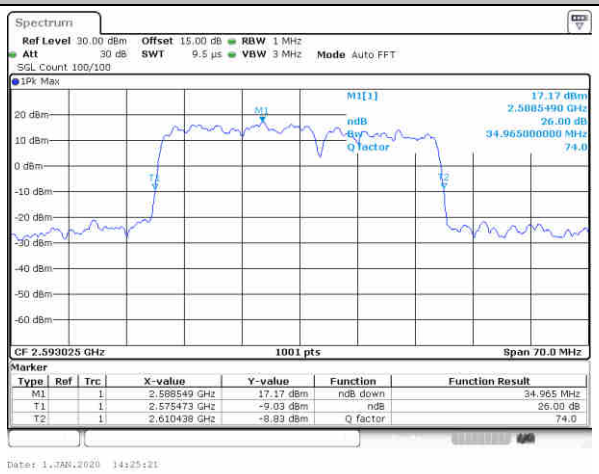
Lowest Channel / 20MHz+15MHz



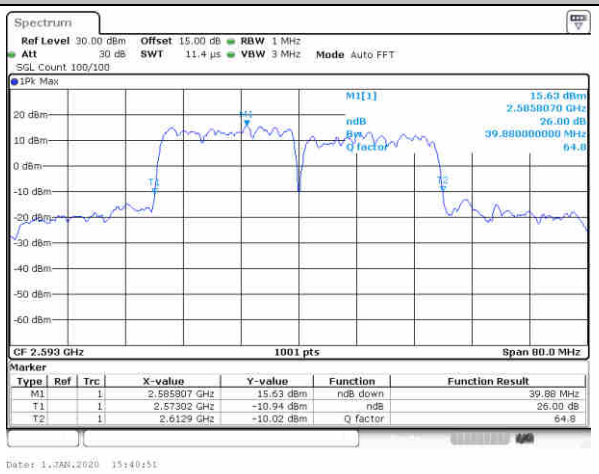
Lowest Channel / 20MHz+20MHz



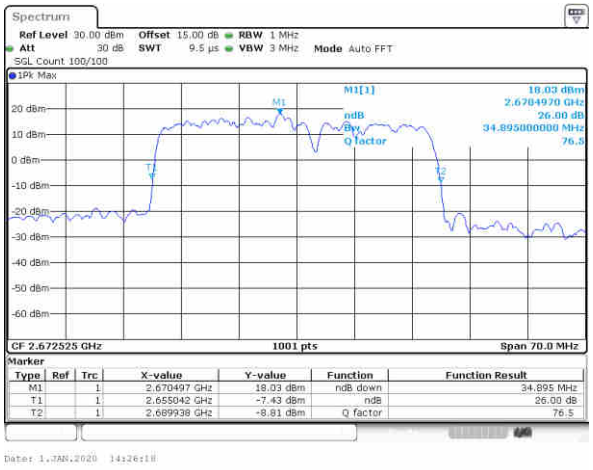
Middle Channel / 20MHz+15MHz



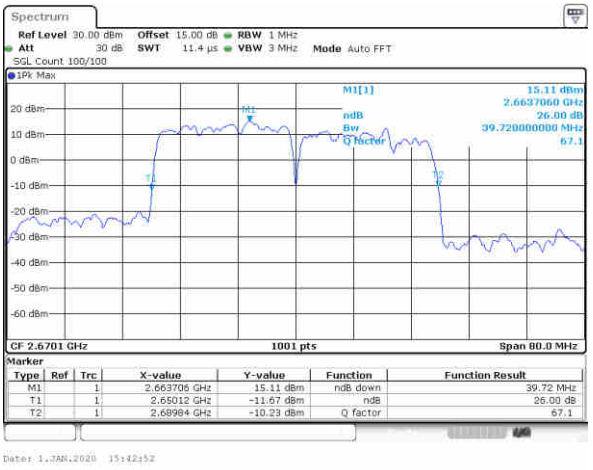
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



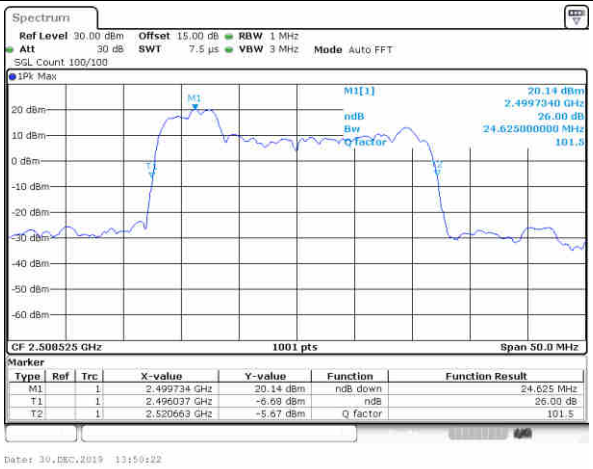
Highest Channel / 20MHz+20MHz



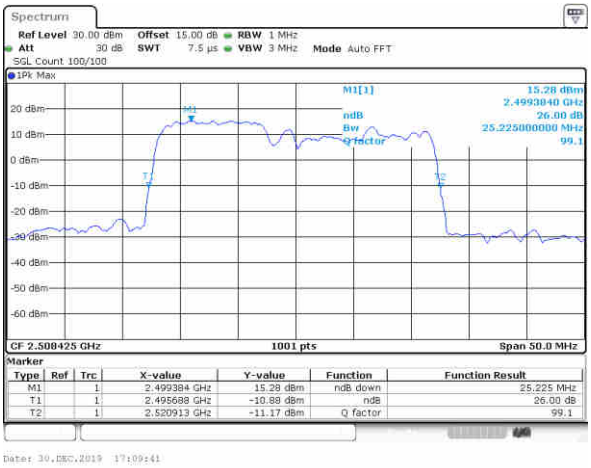
LTE Band 41C

16QAM

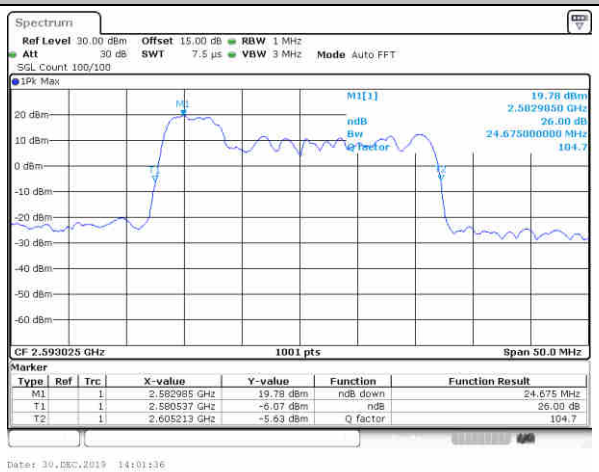
Lowest Channel / 5MHz+20MHz



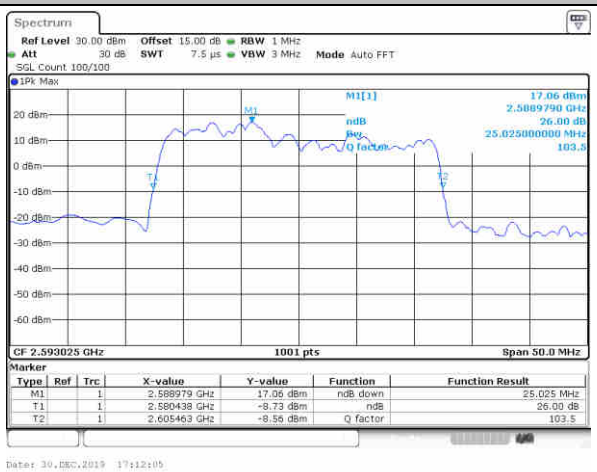
Lowest Channel / 10MHz+15MHz



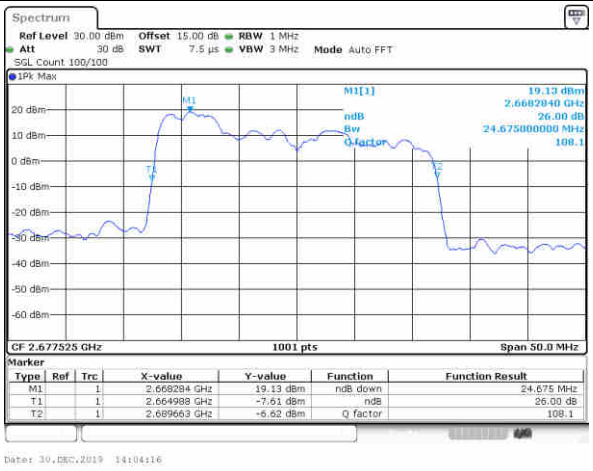
Middle Channel / 5MHz+20MHz



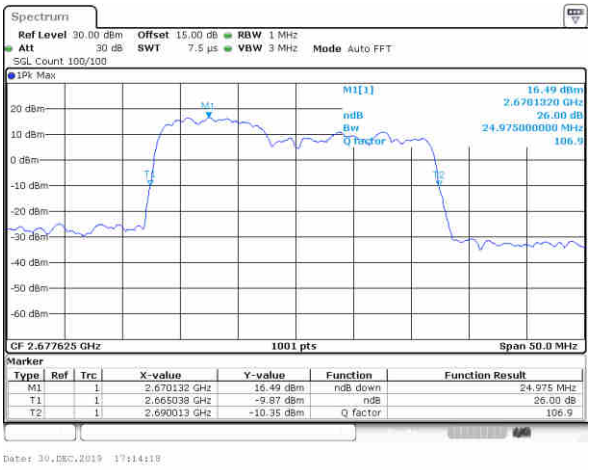
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



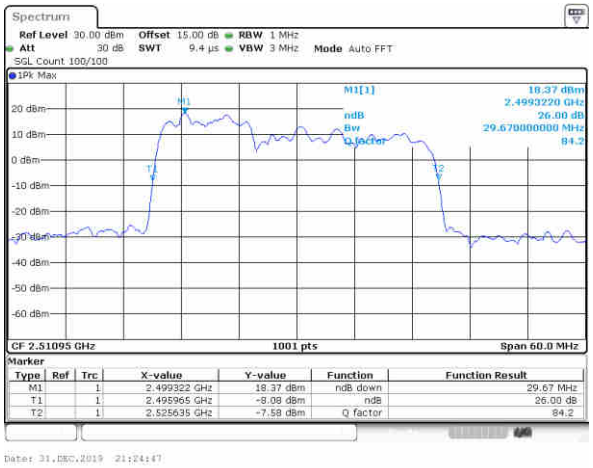
Highest Channel / 10MHz+15MHz



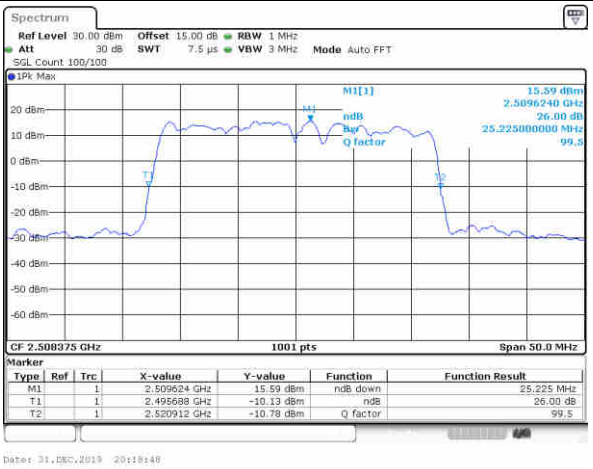
LTE Band 41C

16QAM

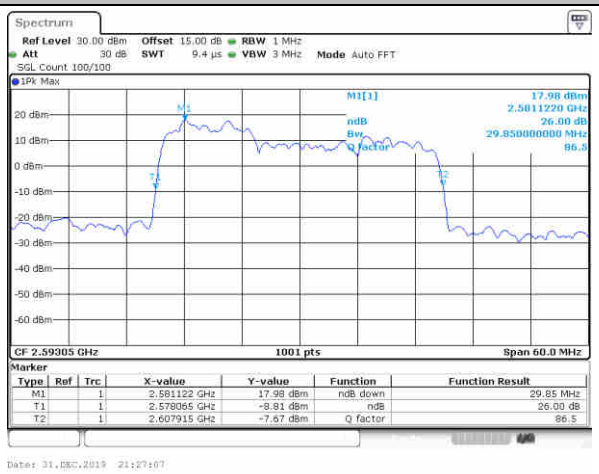
Lowest Channel / 10MHz+20MHz



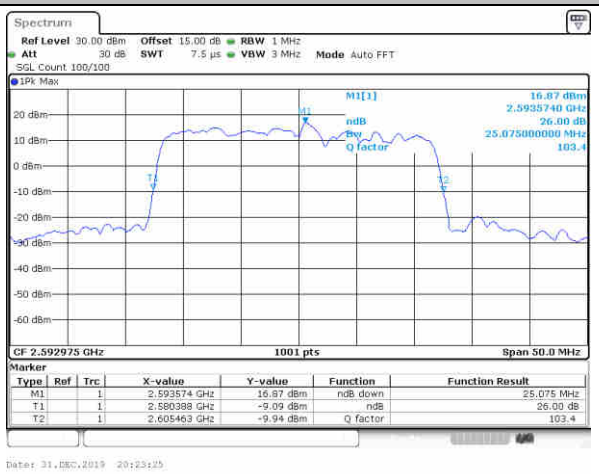
Lowest Channel / 15MHz+10MHz



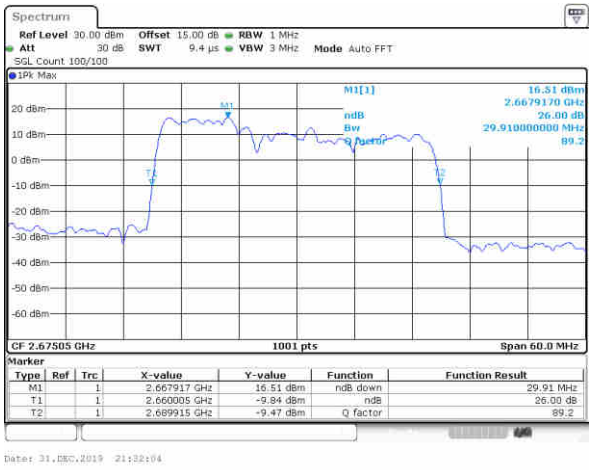
Middle Channel / 10MHz+20MHz



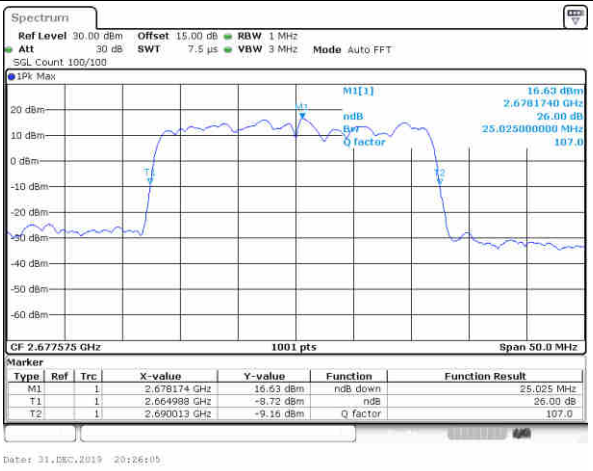
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



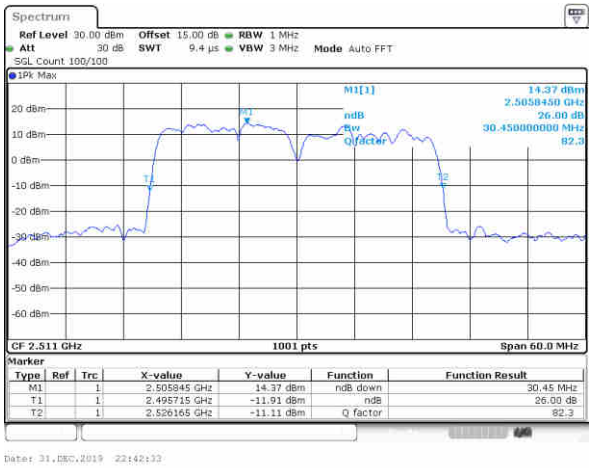
Highest Channel / 15MHz+10MHz



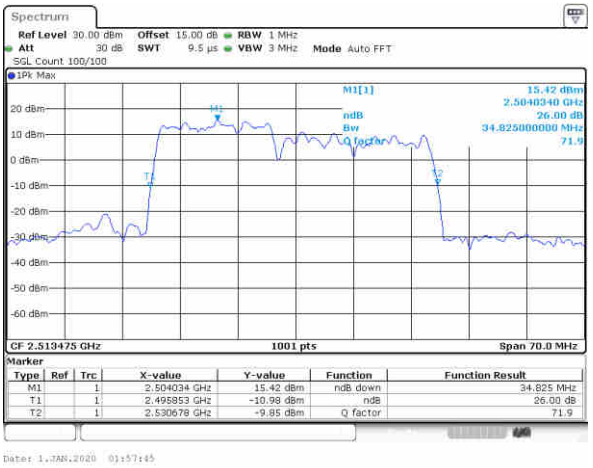
LTE Band 41C

16QAM

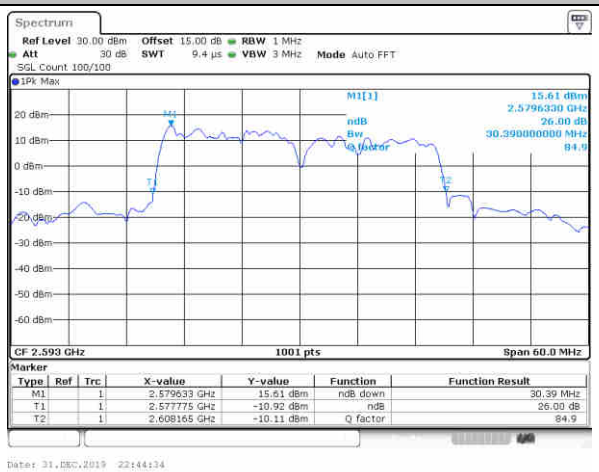
Lowest Channel / 15MHz+15MHz



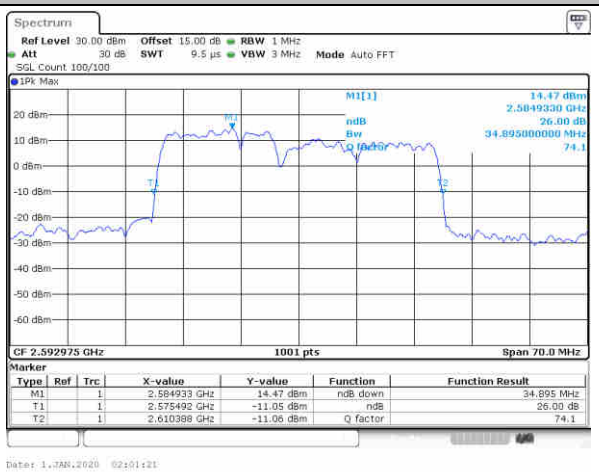
Lowest Channel / 15MHz+20MHz



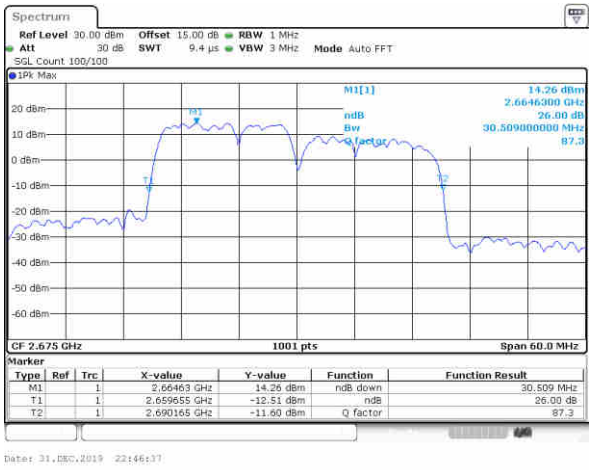
Middle Channel / 15MHz+15MHz



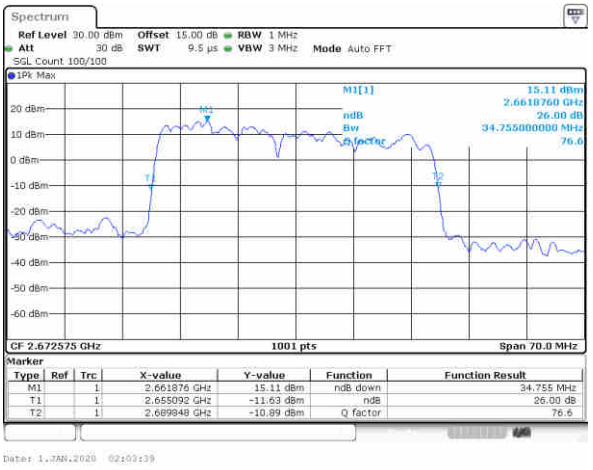
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



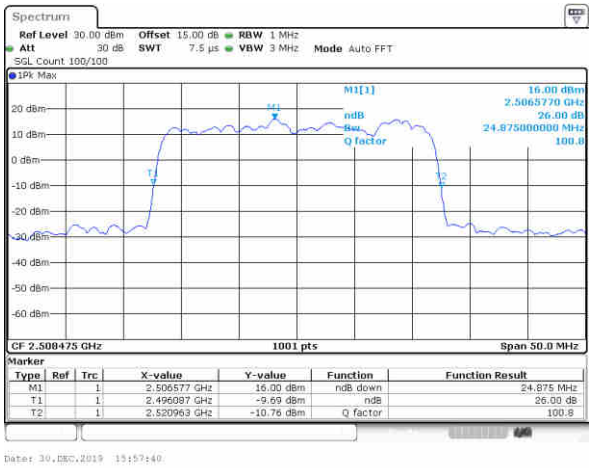
Highest Channel / 15MHz+20MHz



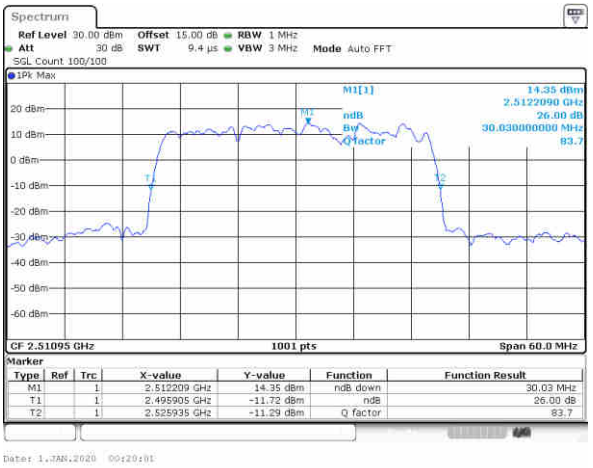
LTE Band 41C

16QAM

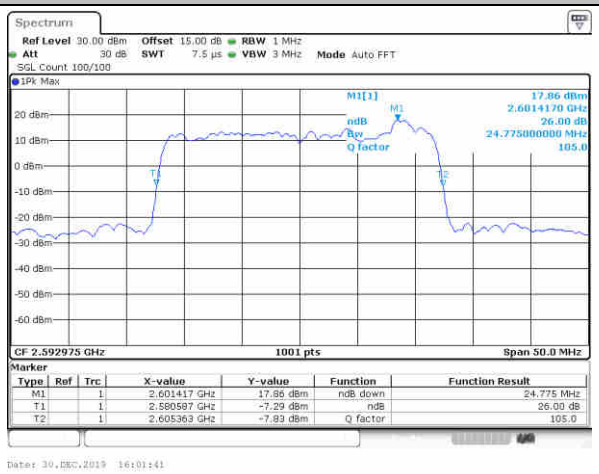
Lowest Channel / 20MHz+5MHz



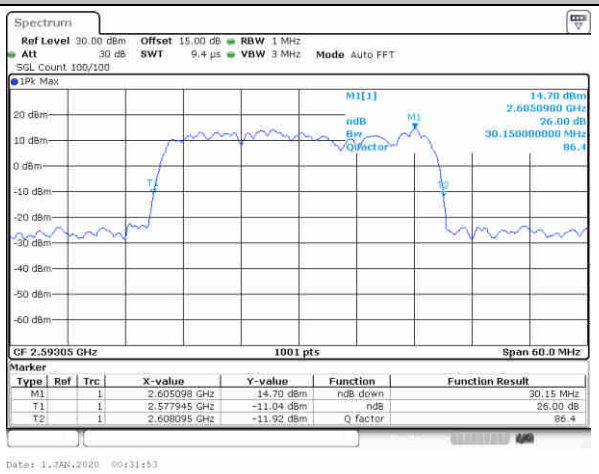
Lowest Channel / 20MHz+10MHz



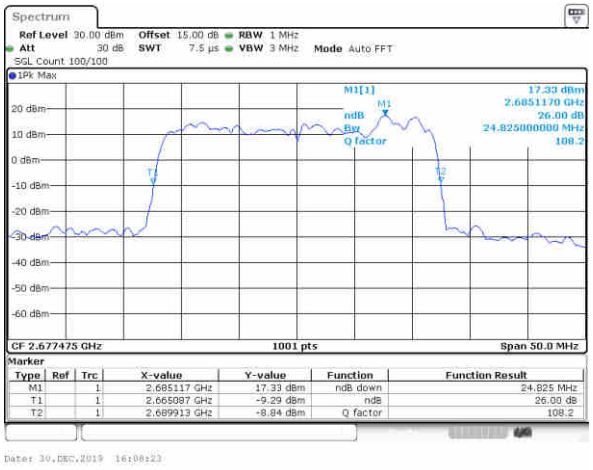
Middle Channel / 20MHz+5MHz



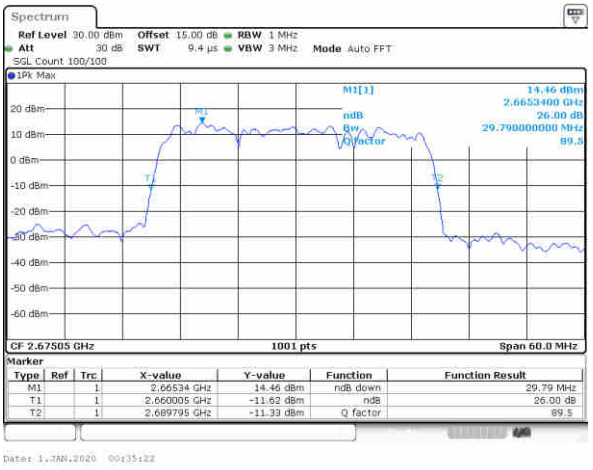
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



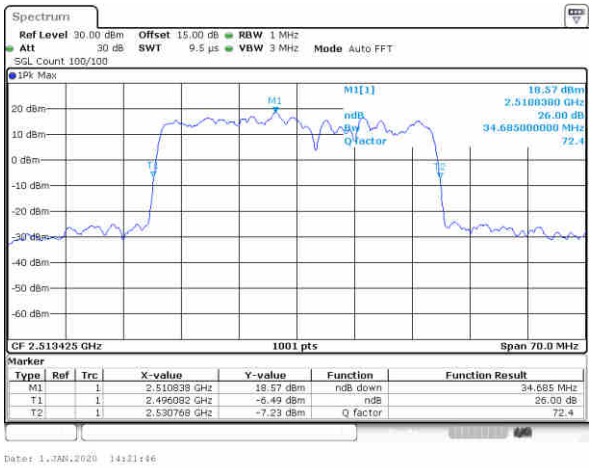
Highest Channel / 20MHz+10MHz



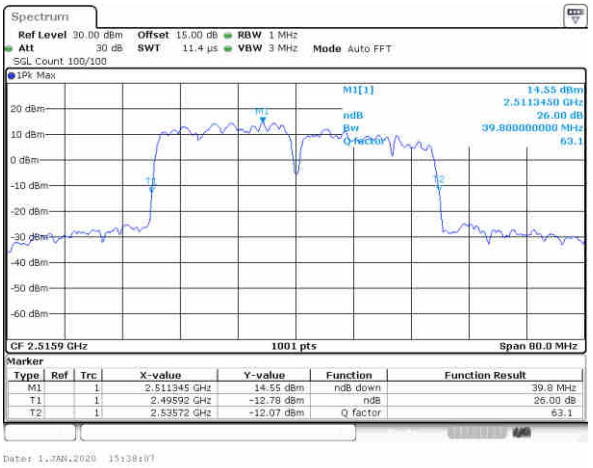
LTE Band 41C

16QAM

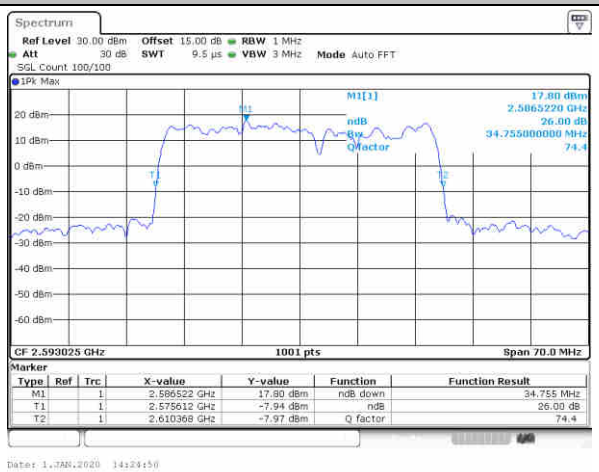
Lowest Channel / 20MHz+15MHz



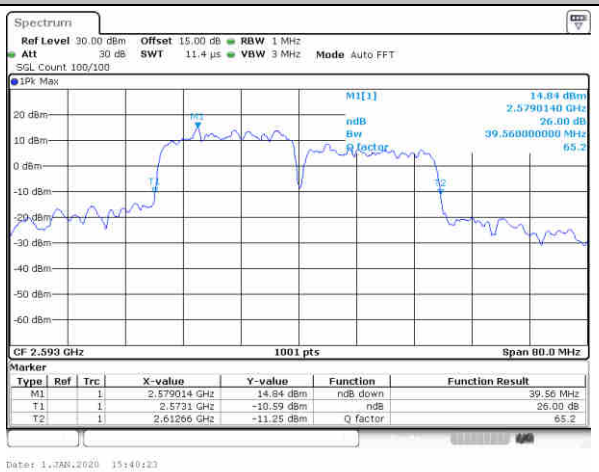
Lowest Channel / 20MHz+20MHz



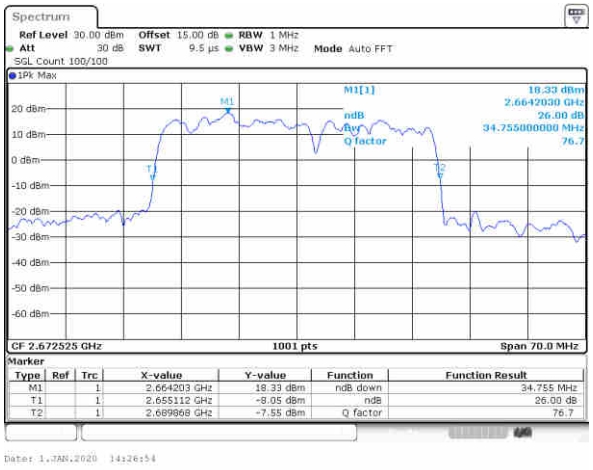
Middle Channel / 20MHz+15MHz



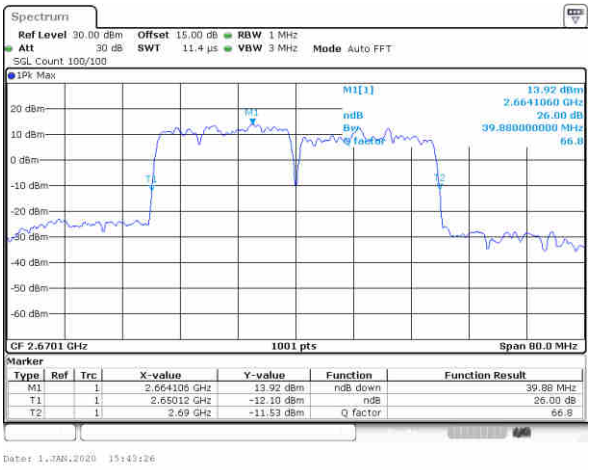
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



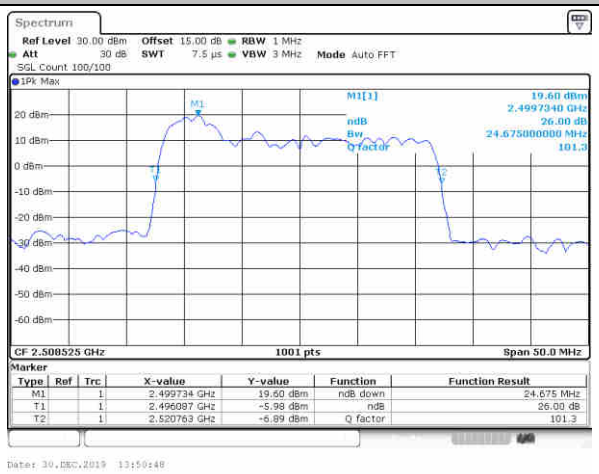
Highest Channel / 20MHz+20MHz



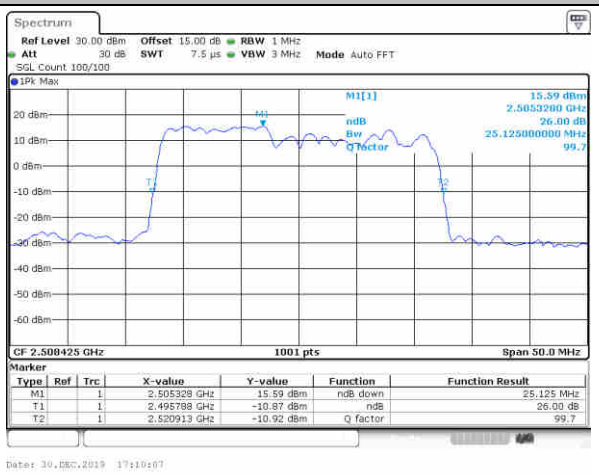
LTE Band 41C

64QAM

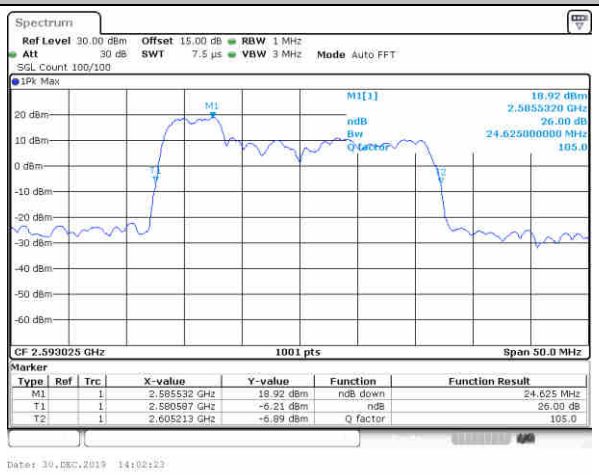
Lowest Channel / 5MHz+20MHz



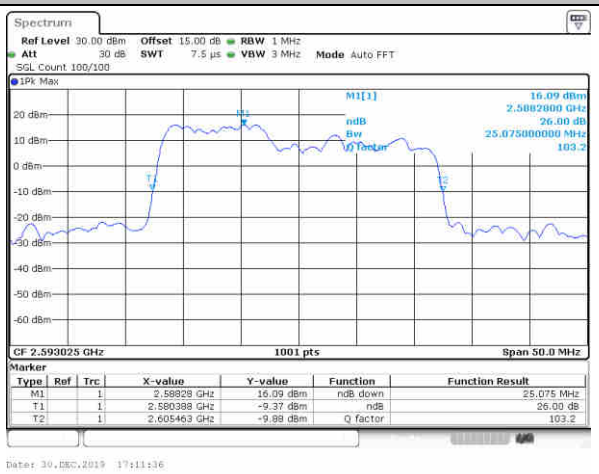
Lowest Channel / 10MHz+15MHz



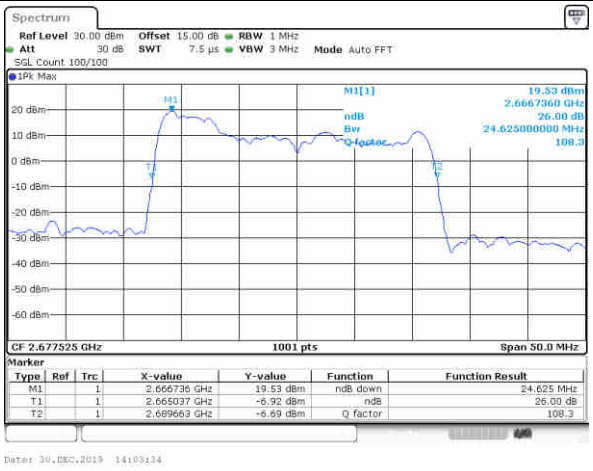
Middle Channel / 5MHz+20MHz



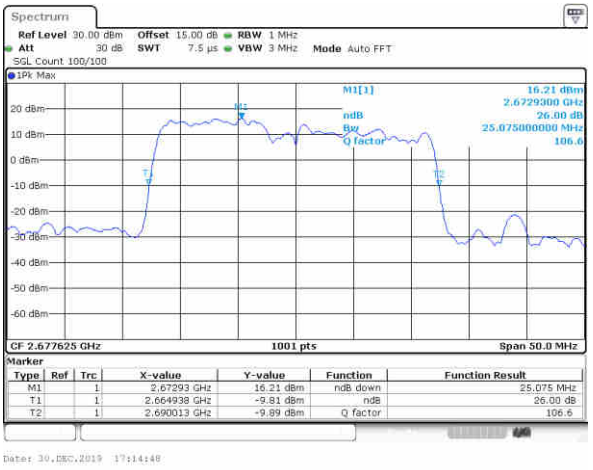
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



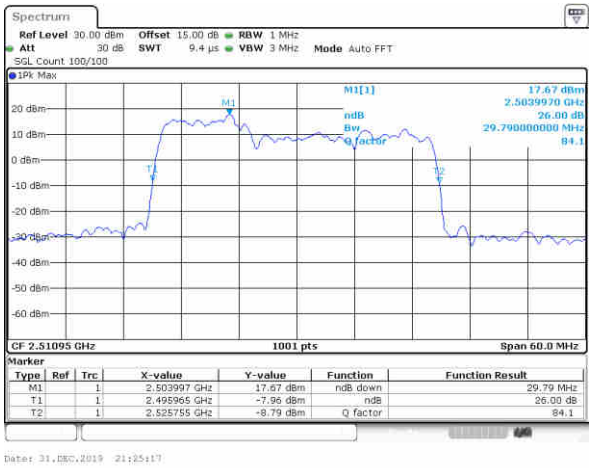
Highest Channel / 10MHz+15MHz



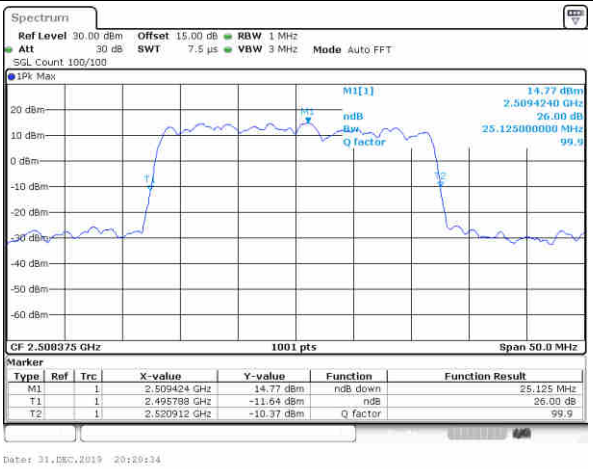
LTE Band 41C

64QAM

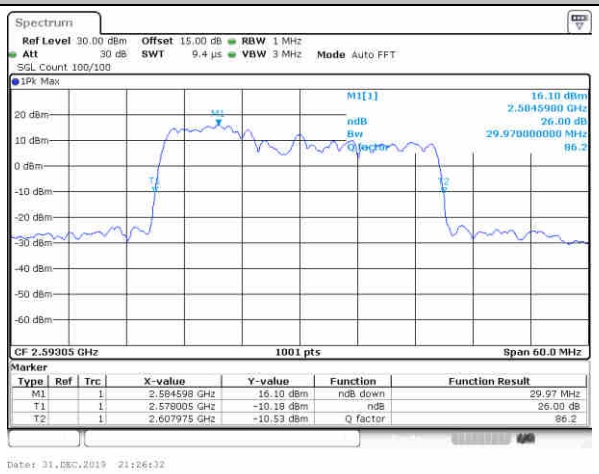
Lowest Channel / 10MHz+20MHz



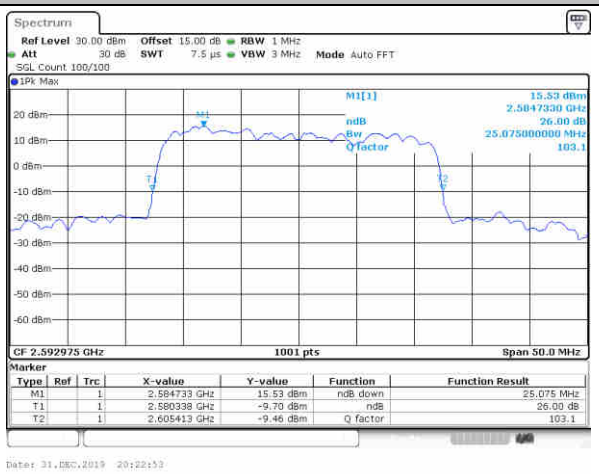
Lowest Channel / 15MHz+10MHz



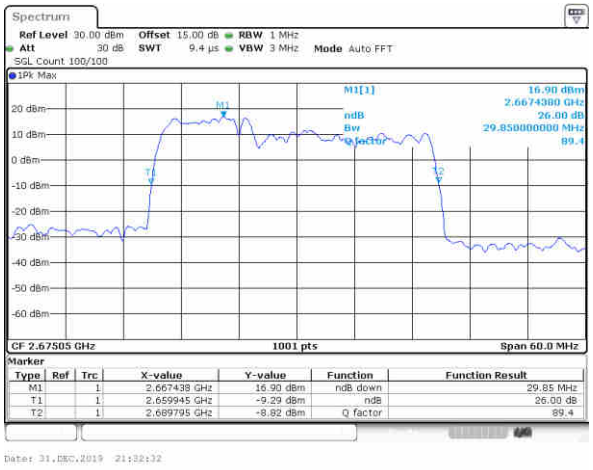
Middle Channel / 10MHz+20MHz



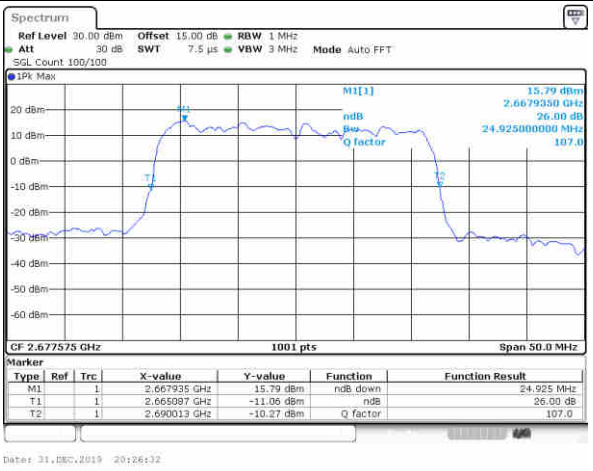
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



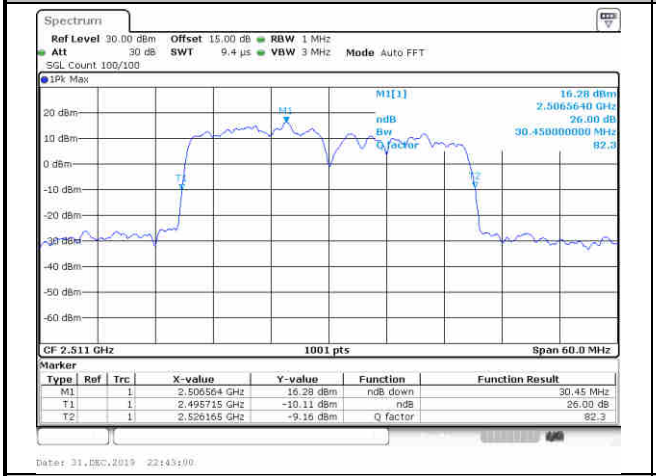
Highest Channel / 15MHz+10MHz



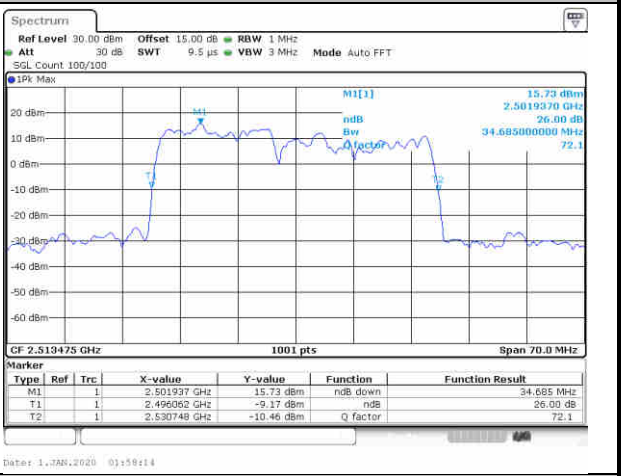
LTE Band 41C

64QAM

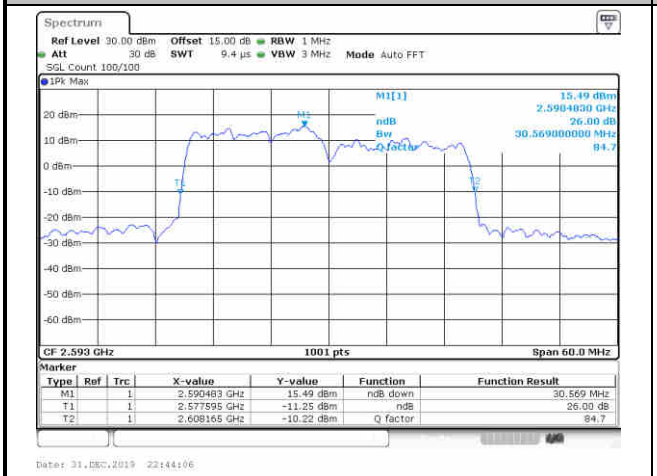
Lowest Channel / 15MHz+15MHz



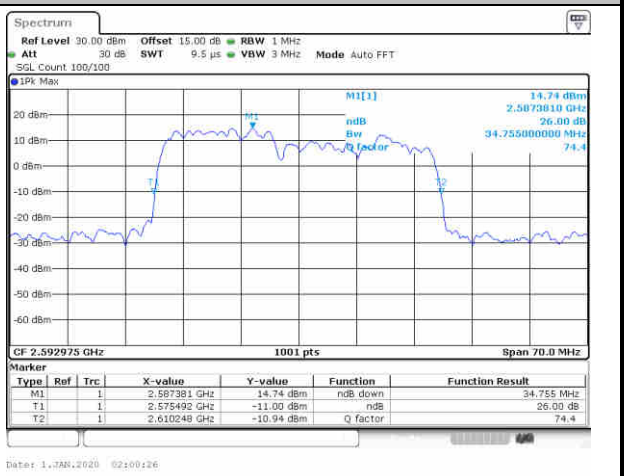
Lowest Channel / 15MHz+20MHz



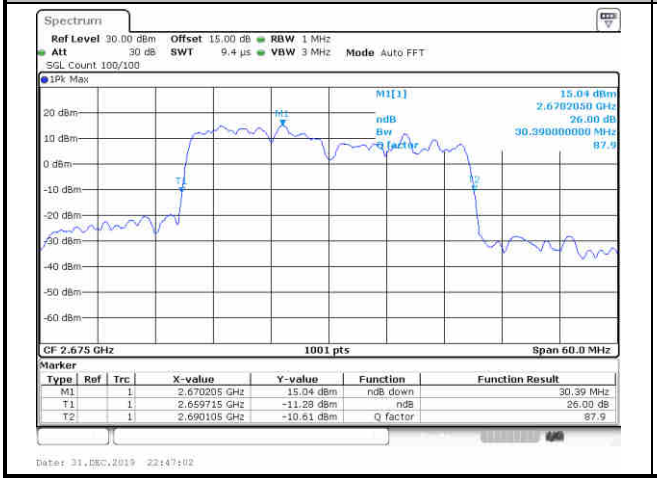
Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz

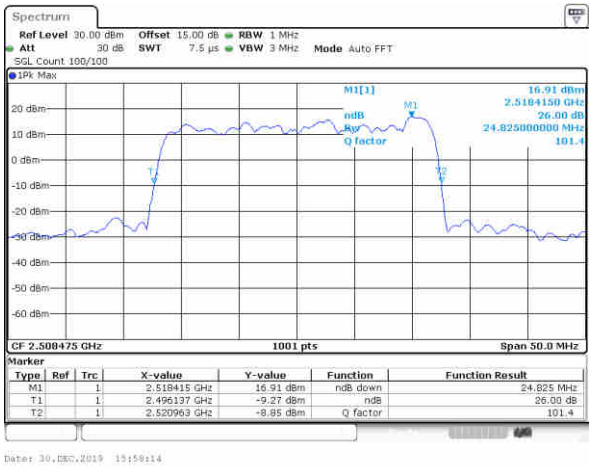


Highest Channel / 15MHz+20MHz

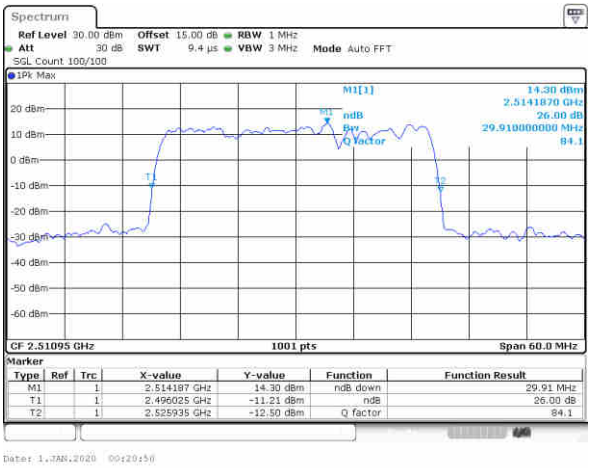
LTE Band 41C

64QAM

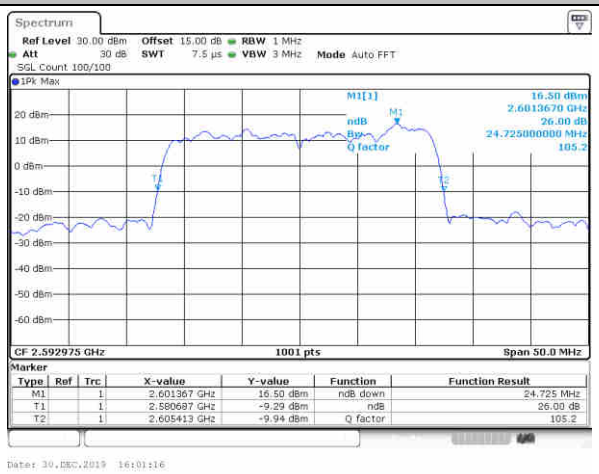
Lowest Channel / 20MHz+5MHz



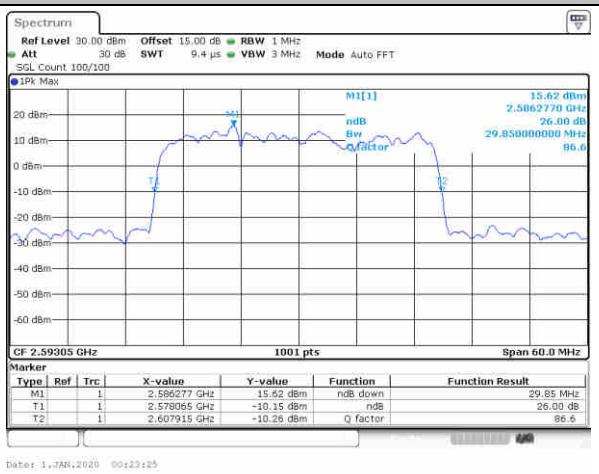
Lowest Channel / 20MHz+10MHz



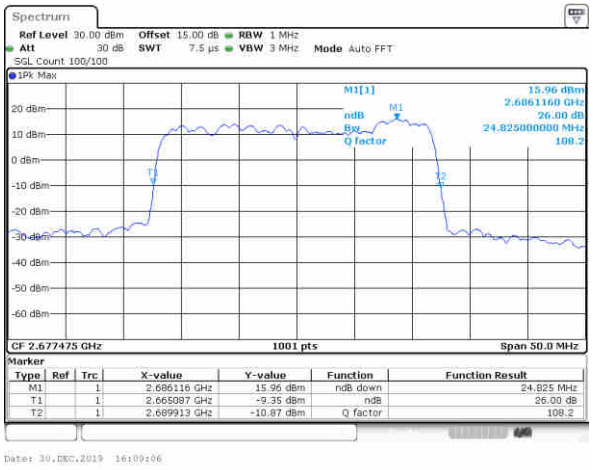
Middle Channel / 20MHz+5MHz



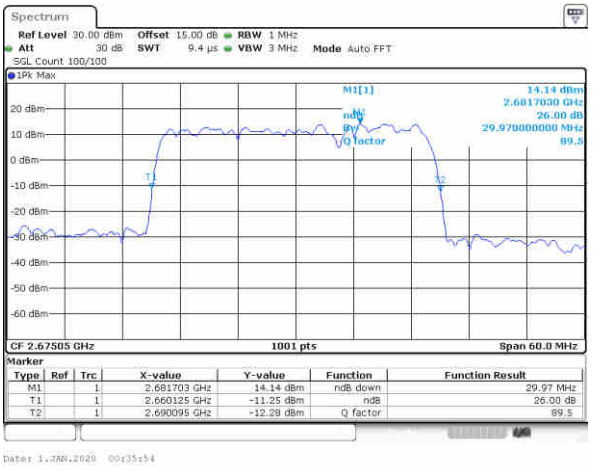
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



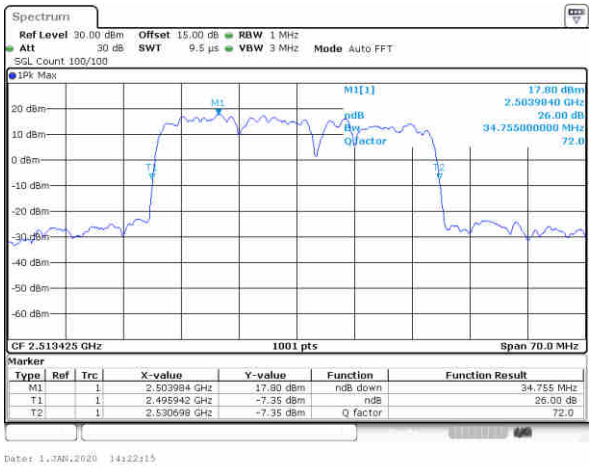
Highest Channel / 20MHz+10MHz



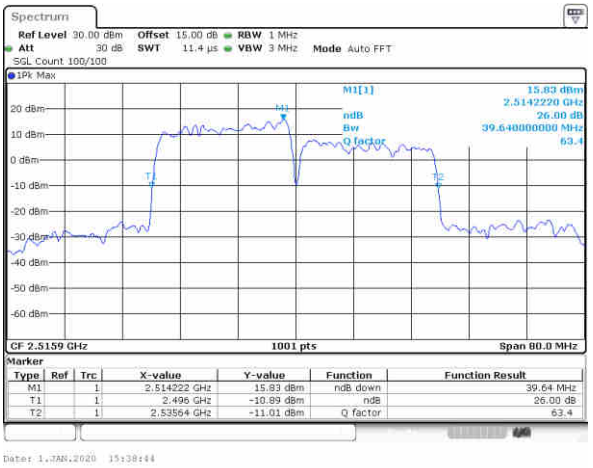
LTE Band 41C

64QAM

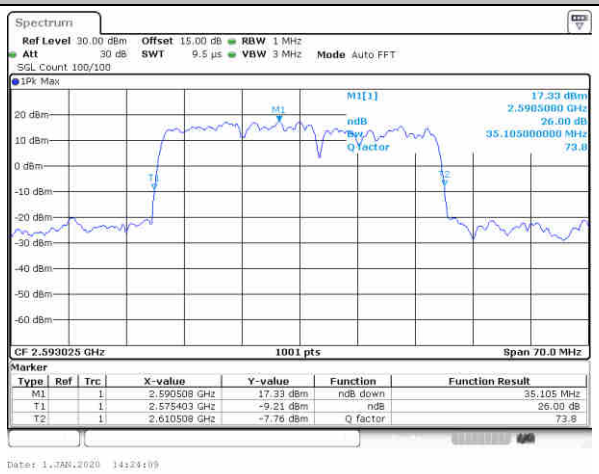
Lowest Channel / 20MHz+15MHz



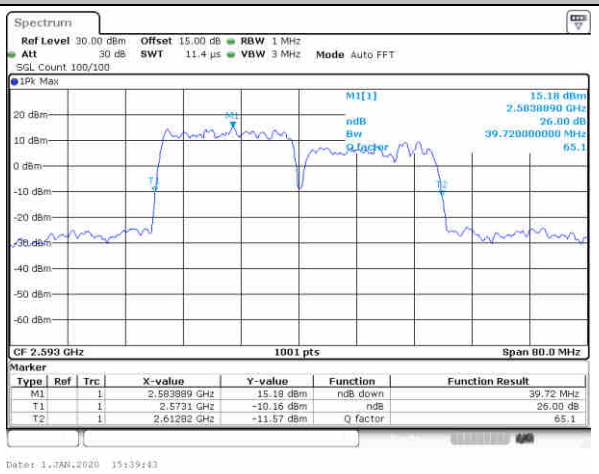
Lowest Channel / 20MHz+20MHz



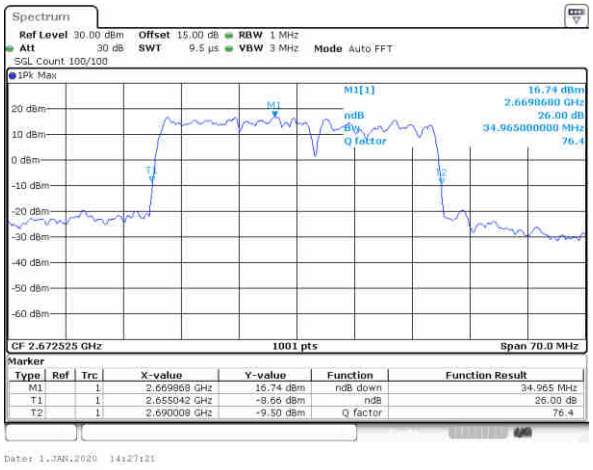
Middle Channel / 20MHz+15MHz



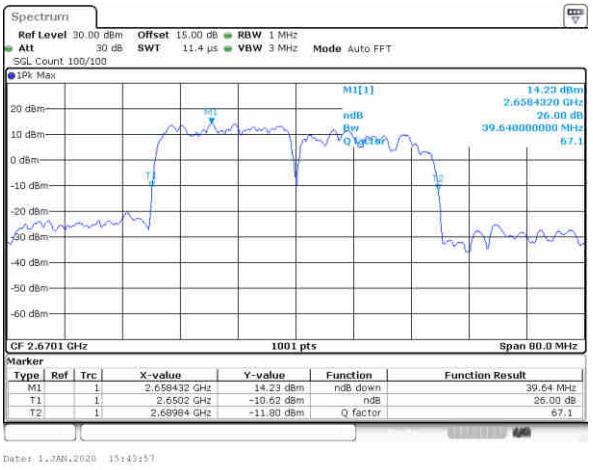
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.13	23.48	27.69	23.28	28.47
Middle CH	23.18	23.43	27.99	23.18	28.53
Highest CH	23.08	23.13	27.69	23.53	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	33.08	22.93	28.05	32.87	37.80
Middle CH	32.80	23.18	27.87	32.52	37.72
Highest CH	32.66	23.28	27.93	32.59	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.28	23.28	28.11	23.23	28.47
Middle CH	23.18	23.23	27.93	23.18	28.77
Highest CH	22.98	23.63	27.81	23.33	28.35
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.94	23.03	27.81	32.80	37.48
Middle CH	32.66	23.23	28.17	32.38	37.56
Highest CH	32.80	23.08	27.99	32.52	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.23	23.38	27.75	23.23	28.53
Middle CH	23.13	23.28	27.75	23.13	28.65
Highest CH	23.18	23.13	27.45	23.38	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.28	27.99	32.73	37.48
Middle CH	32.73	23.18	27.93	32.80	37.32
Highest CH	32.94	23.28	27.75	32.52	37.88