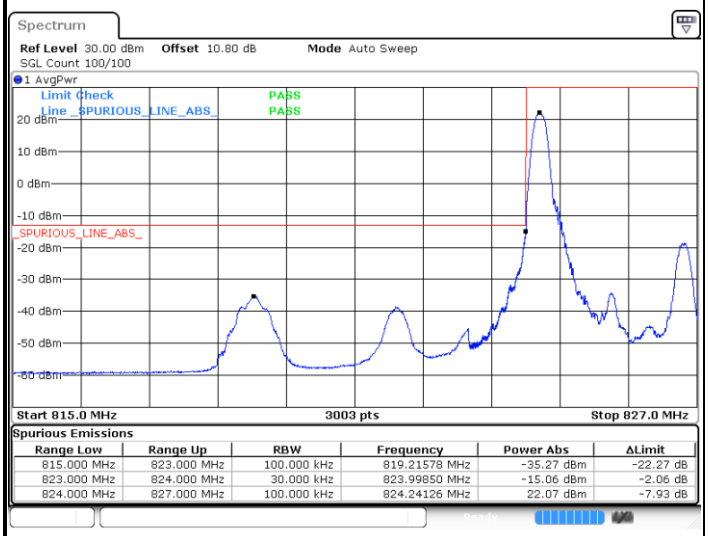
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

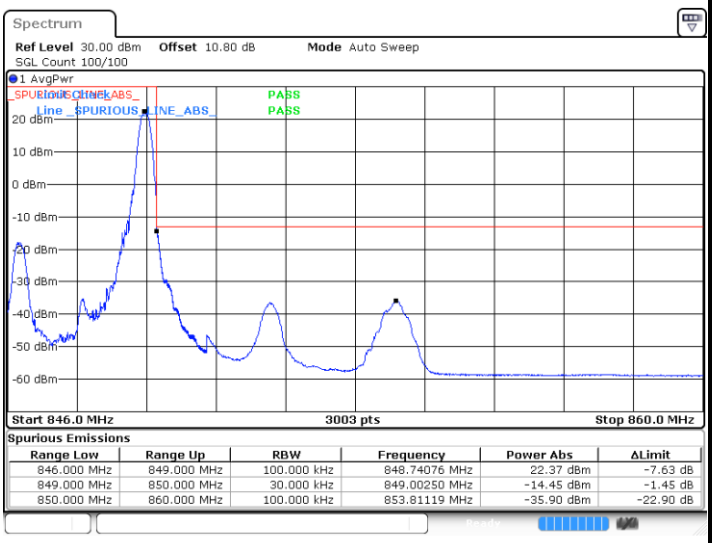


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.21578 MHz	-35.27 dBm	-22.27 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-15.06 dBm	-2.06 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24126 MHz	22.07 dBm	-7.93 dB

Date: 1.SEP.2017 18:58:50

Highest Band Edge / 1 RB

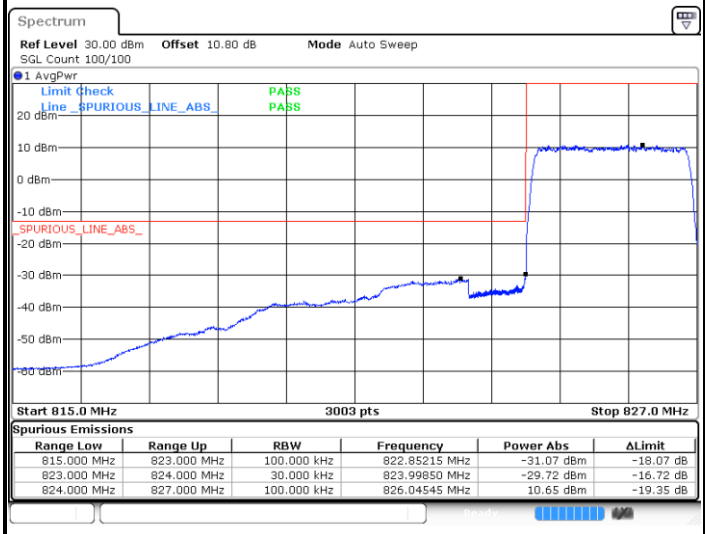


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74076 MHz	22.37 dBm	-7.63 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00250 MHz	-14.45 dBm	-1.45 dB
850.000 MHz	860.000 MHz	100.000 kHz	853.81119 MHz	-35.90 dBm	-22.90 dB

Date: 1.SEP.2017 19:10:20

Lowest Band Edge / Full RB

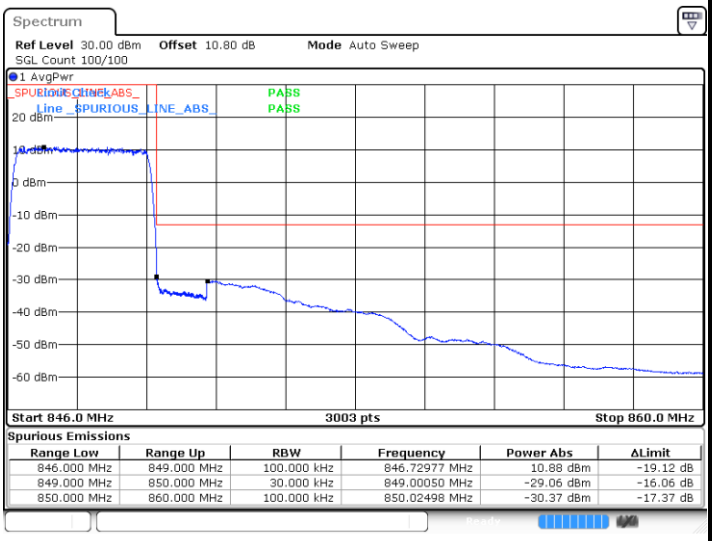


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.85215 MHz	-31.07 dBm	-18.07 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-29.72 dBm	-16.72 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.04545 MHz	10.65 dBm	-19.35 dB

Date: 1.SEP.2017 19:02:07

Highest Band Edge / Full RB



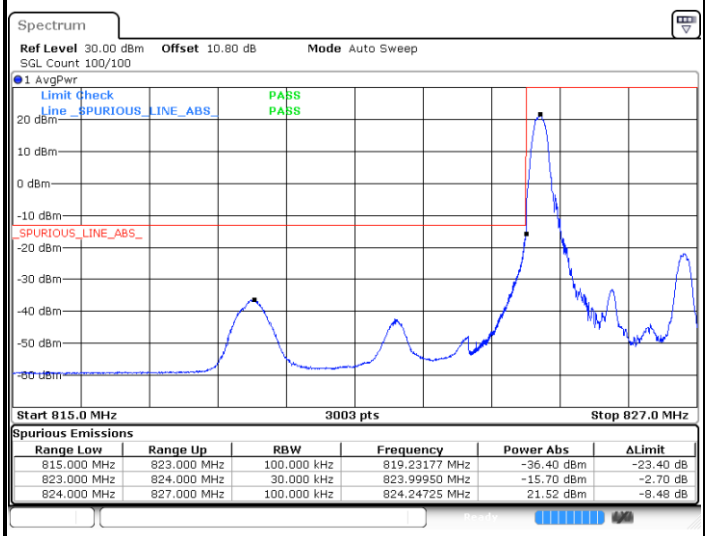
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.72977 MHz	10.88 dBm	-19.12 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-29.06 dBm	-16.06 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-30.37 dBm	-17.37 dB

Date: 1.SEP.2017 19:13:38

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

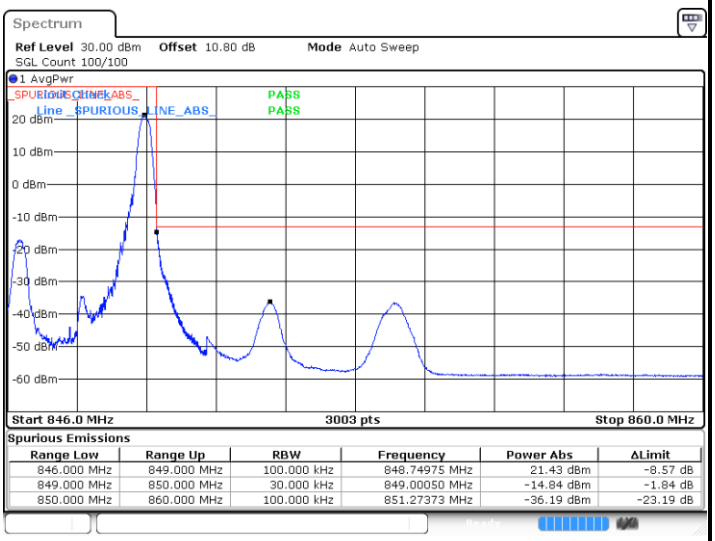


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.23177 MHz	-36.40 dBm	-23.40 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-15.70 dBm	-2.70 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24725 MHz	21.52 dBm	-8.48 dB

Date: 1.SEP.2017 19:00:29

Highest Band Edge /1 RB

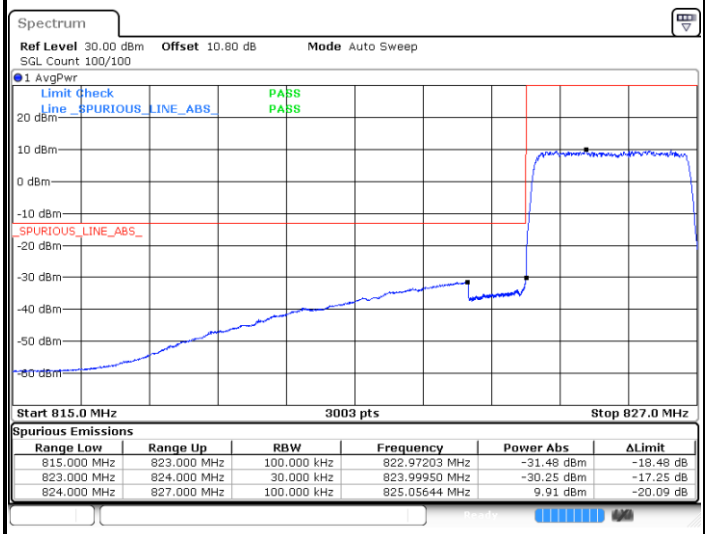


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74975 MHz	21.43 dBm	-8.57 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-14.84 dBm	-1.84 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.27373 MHz	-36.19 dBm	-23.19 dB

Date: 1.SEP.2017 19:11:59

Lowest Band Edge / Full RB

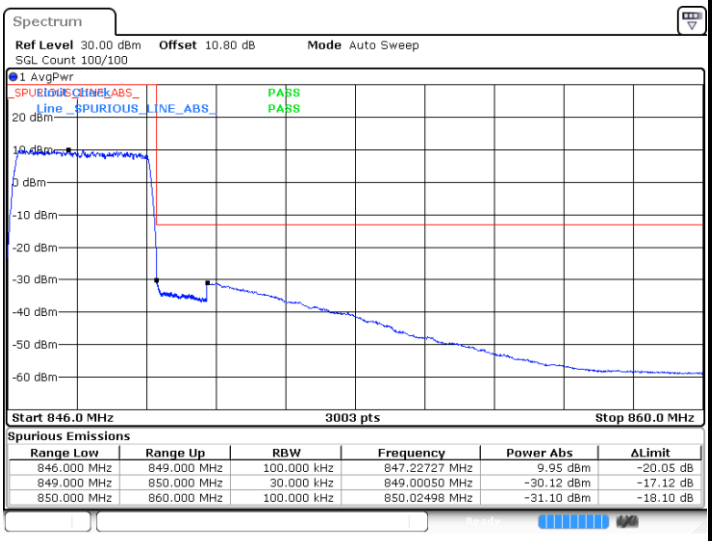


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-31.48 dBm	-18.48 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-30.25 dBm	-17.25 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.05644 MHz	9.91 dBm	-20.09 dB

Date: 1.SEP.2017 19:03:46

Highest Band Edge / Full RB



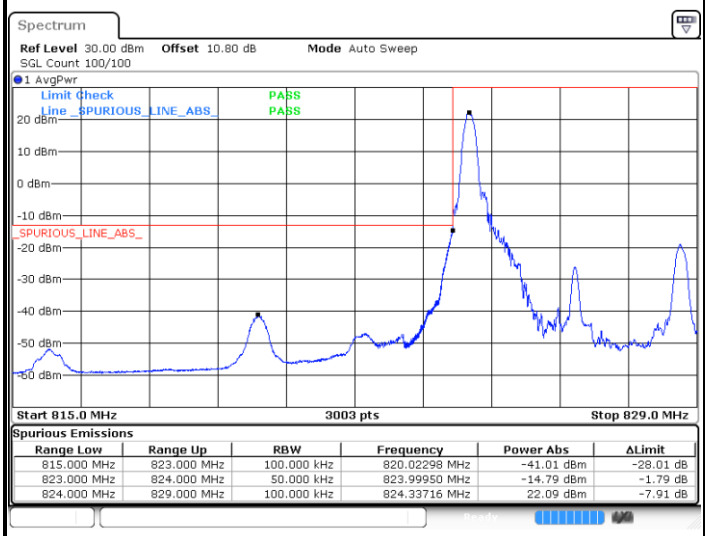
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.22727 MHz	9.95 dBm	-20.05 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-30.12 dBm	-17.12 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-31.10 dBm	-18.10 dB

Date: 1.SEP.2017 19:15:16

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

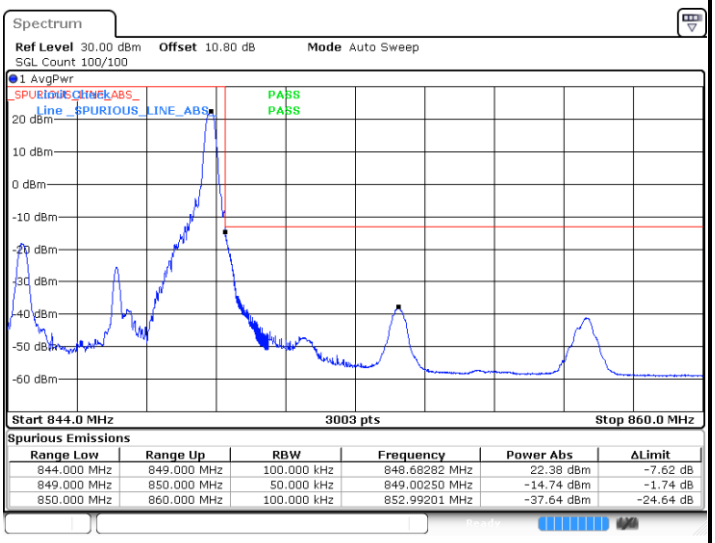


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.02298 MHz	-41.01 dBm	-28.01 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-14.79 dBm	-1.79 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.33716 MHz	22.09 dBm	-7.91 dB

Date: 1.SEP.2017 19:19:23

Highest Band Edge / 1 RB

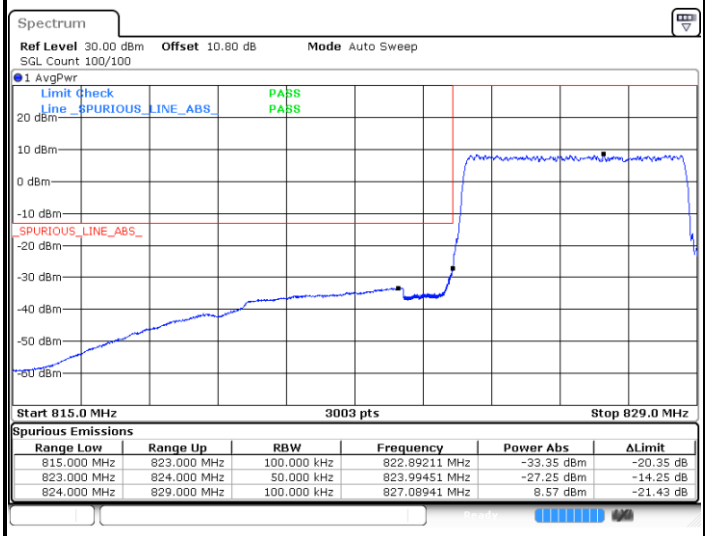


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.68282 MHz	22.38 dBm	-7.62 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00250 MHz	-14.74 dBm	-1.74 dB
850.000 MHz	860.000 MHz	100.000 kHz	852.99201 MHz	-37.64 dBm	-24.64 dB

Date: 1.SEP.2017 19:30:53

Lowest Band Edge / Full RB

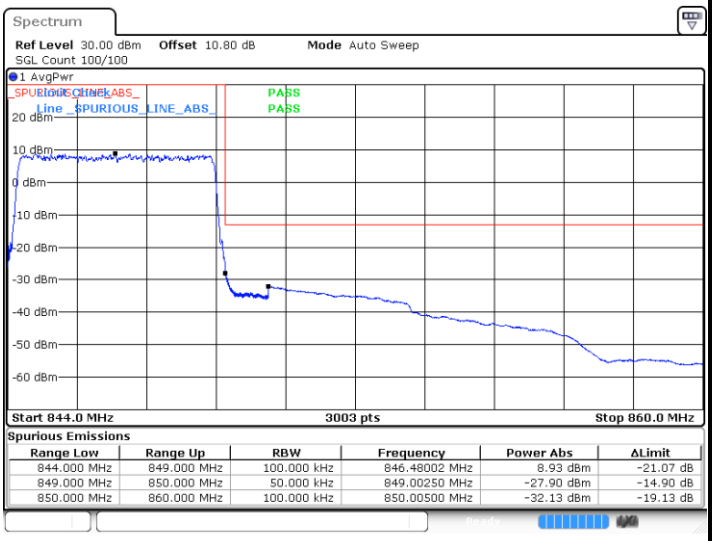


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.89211 MHz	-33.35 dBm	-20.35 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-27.25 dBm	-14.25 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.08941 MHz	8.57 dBm	-21.43 dB

Date: 1.SEP.2017 19:22:40

Highest Band Edge / Full RB



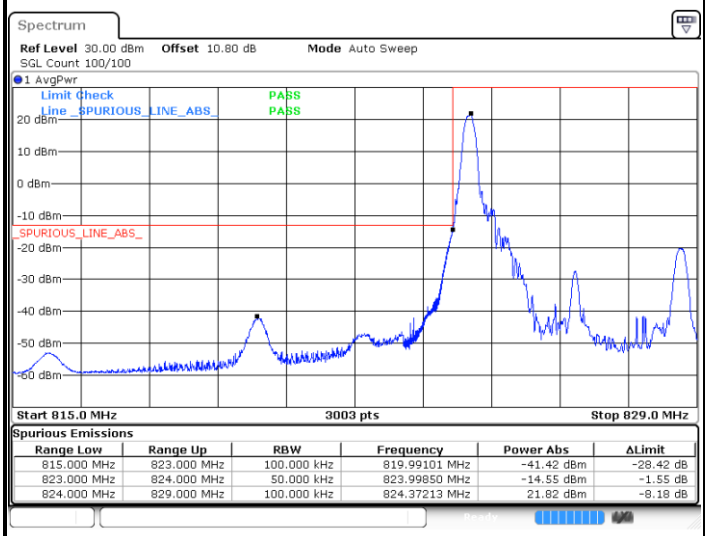
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.48002 MHz	8.93 dBm	-21.07 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00250 MHz	-27.90 dBm	-14.90 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-32.13 dBm	-19.13 dB

Date: 1.SEP.2017 19:34:10

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

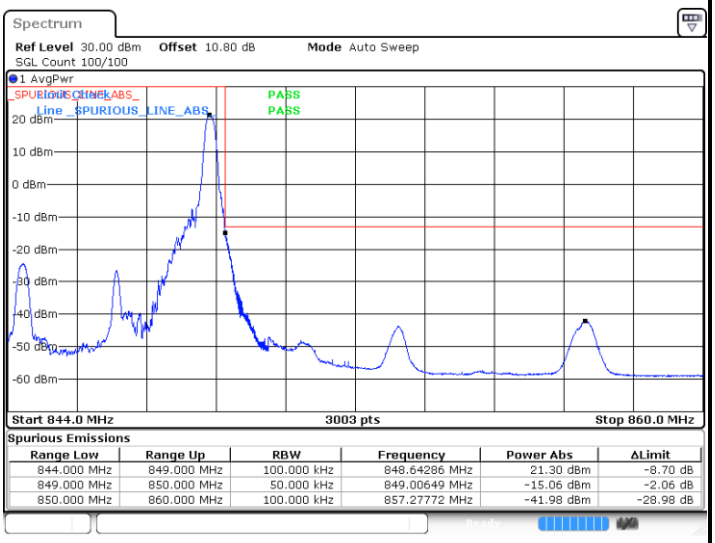


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	819.99101 MHz	-41.42 dBm	-28.42 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-14.55 dBm	-1.55 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.37213 MHz	21.82 dBm	-8.18 dB

Date: 1.SEP.2017 19:21:01

Highest Band Edge / 1 RB

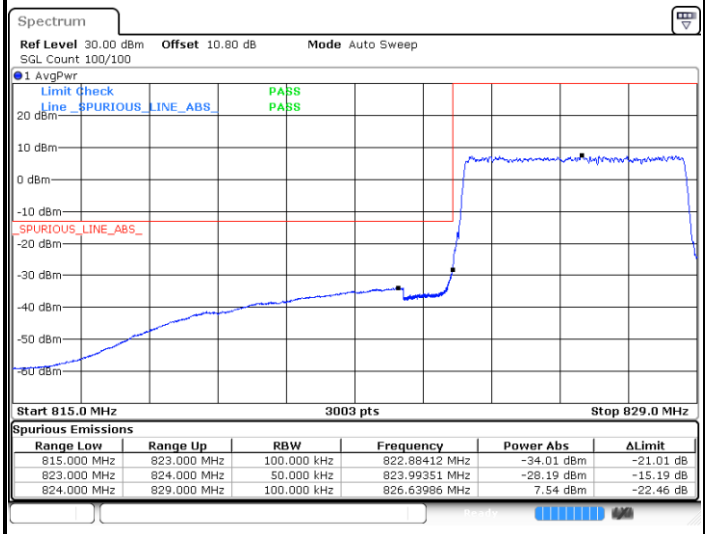


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64286 MHz	21.30 dBm	-8.70 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00649 MHz	-15.06 dBm	-2.06 dB
850.000 MHz	860.000 MHz	100.000 kHz	857.27772 MHz	-41.98 dBm	-28.98 dB

Date: 1.SEP.2017 19:32:31

Lowest Band Edge / Full RB

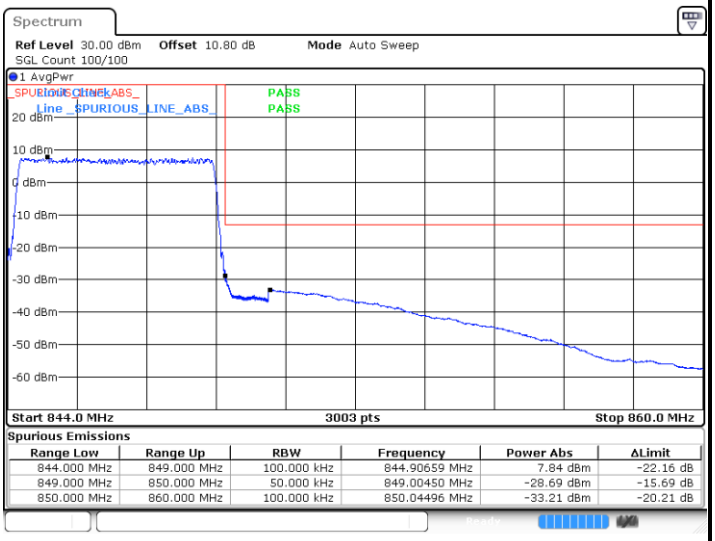


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.88412 MHz	-34.01 dBm	-21.01 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99351 MHz	-28.19 dBm	-15.19 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.63986 MHz	7.54 dBm	-22.46 dB

Date: 1.SEP.2017 19:24:19

Highest Band Edge / Full RB



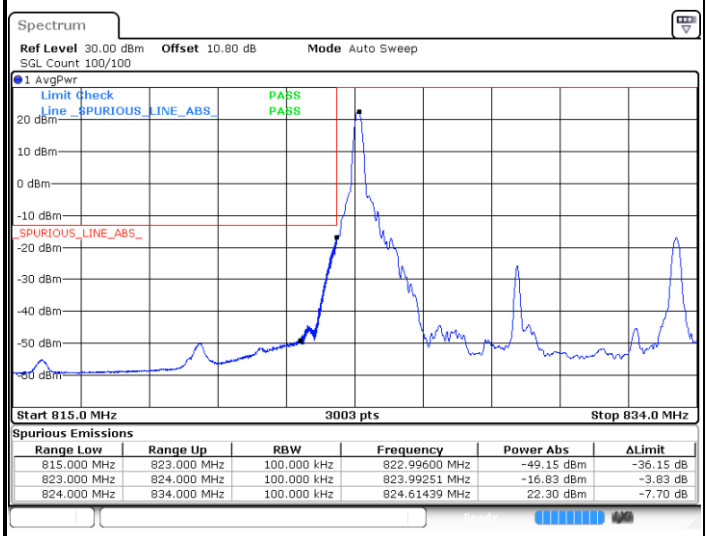
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.90659 MHz	7.84 dBm	-22.16 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00450 MHz	-28.69 dBm	-15.69 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-33.21 dBm	-20.21 dB

Date: 1.SEP.2017 19:35:49

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

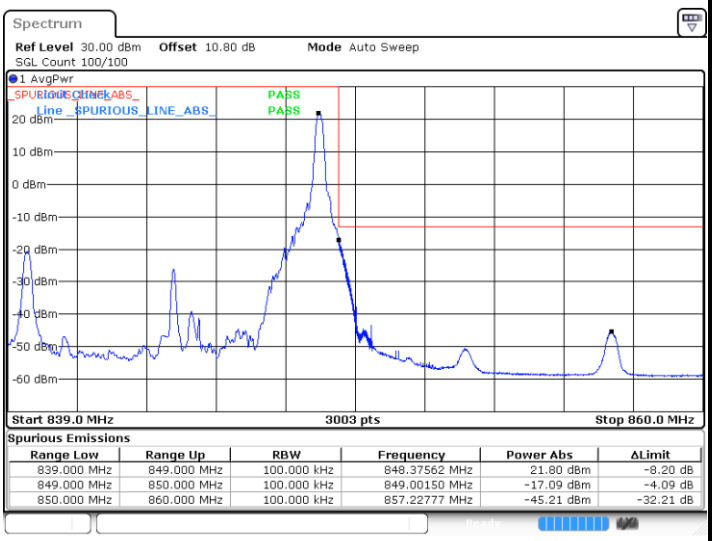


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-49.15 dBm	-36.15 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99251 MHz	-16.83 dBm	-3.83 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	22.30 dBm	-7.70 dB

Date: 1.SEP.2017 19:39:55

Highest Band Edge / 1 RB

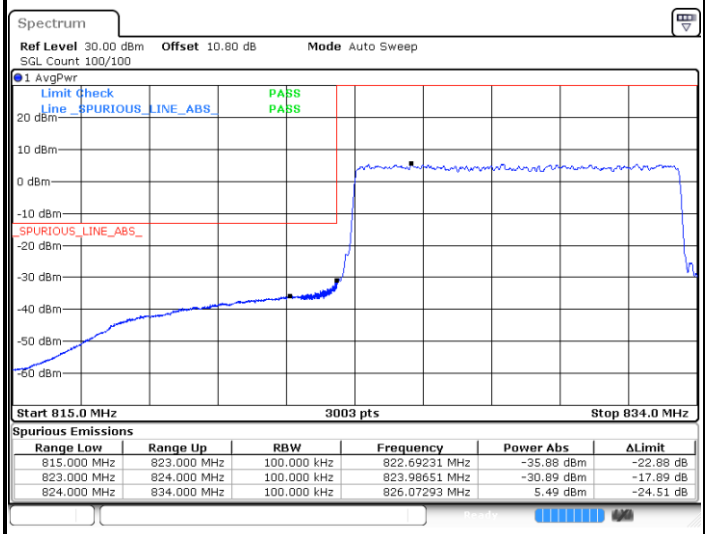


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.37562 MHz	21.80 dBm	-8.20 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00150 MHz	-17.09 dBm	-4.09 dB
850.000 MHz	860.000 MHz	100.000 kHz	857.22777 MHz	-45.21 dBm	-32.21 dB

Date: 1.SEP.2017 19:51:25

Lowest Band Edge / Full RB

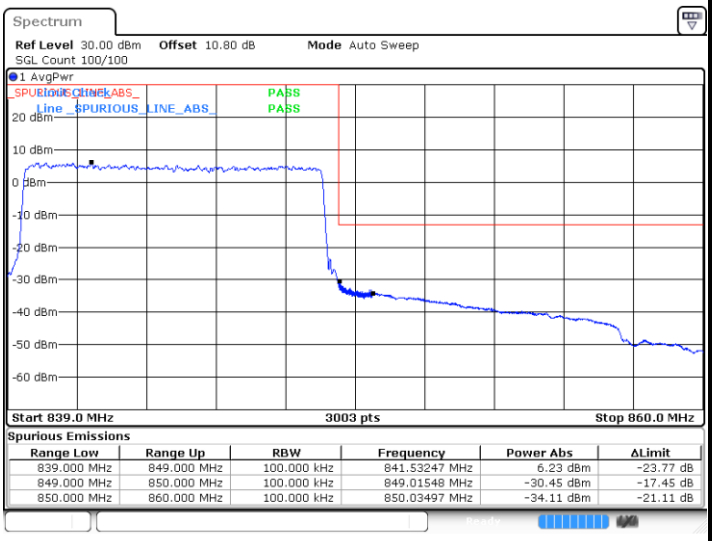


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.69231 MHz	-35.88 dBm	-22.88 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98651 MHz	-30.89 dBm	-17.89 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.07293 MHz	5.49 dBm	-24.51 dB

Date: 1.SEP.2017 19:43:13

Highest Band Edge / Full RB



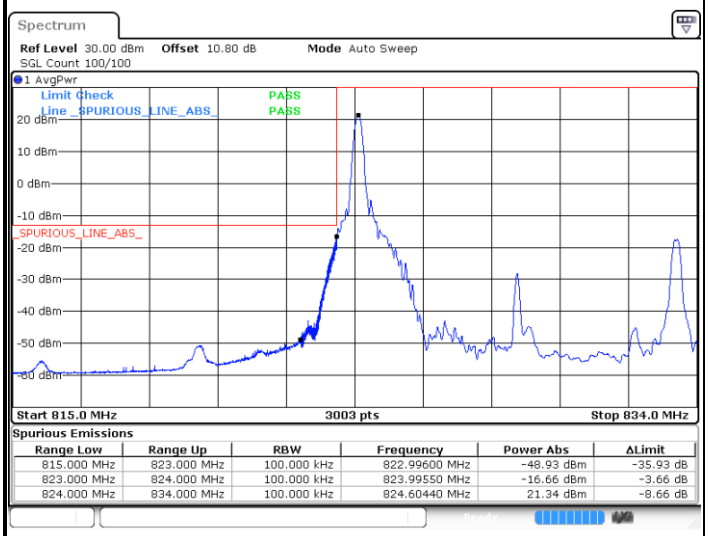
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.53247 MHz	6.23 dBm	-23.77 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01548 MHz	-30.45 dBm	-17.45 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-34.11 dBm	-21.11 dB

Date: 1.SEP.2017 19:54:42

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

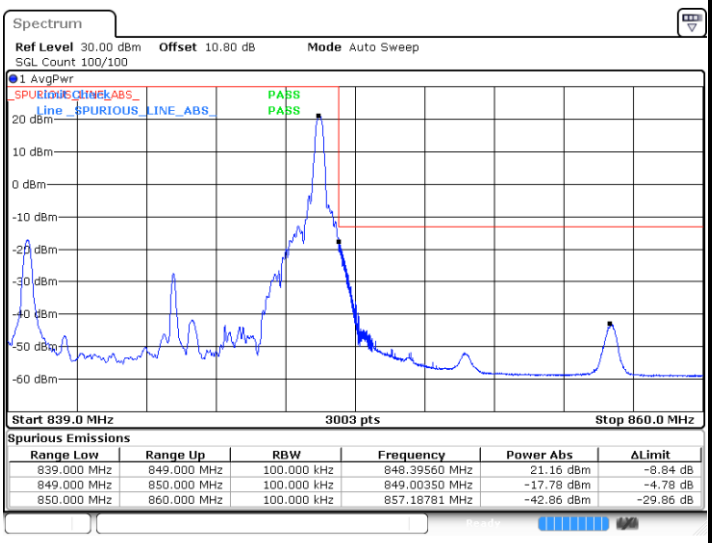


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-48.93 dBm	-35.93 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99550 MHz	-16.66 dBm	-3.66 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.60440 MHz	21.34 dBm	-8.66 dB

Date: 1.SEP.2017 19:41:34

Highest Band Edge / 1 RB

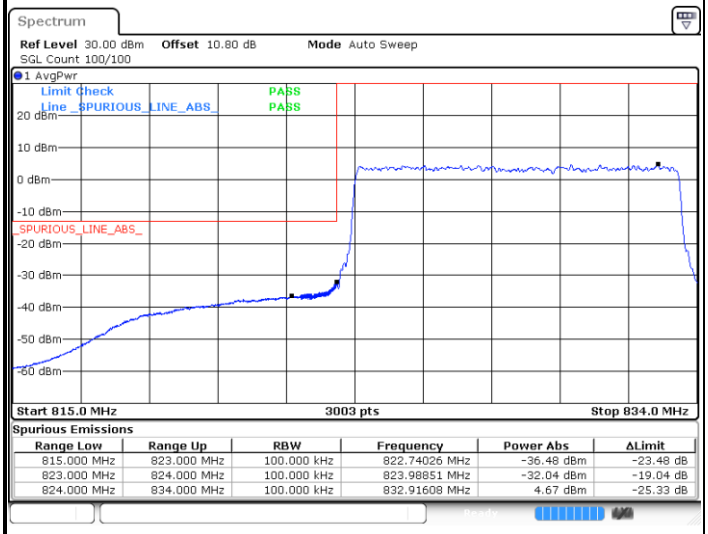


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.39560 MHz	21.16 dBm	-8.84 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-17.78 dBm	-4.78 dB
850.000 MHz	860.000 MHz	100.000 kHz	857.18781 MHz	-42.86 dBm	-29.86 dB

Date: 1.SEP.2017 19:53:03

Lowest Band Edge / Full RB

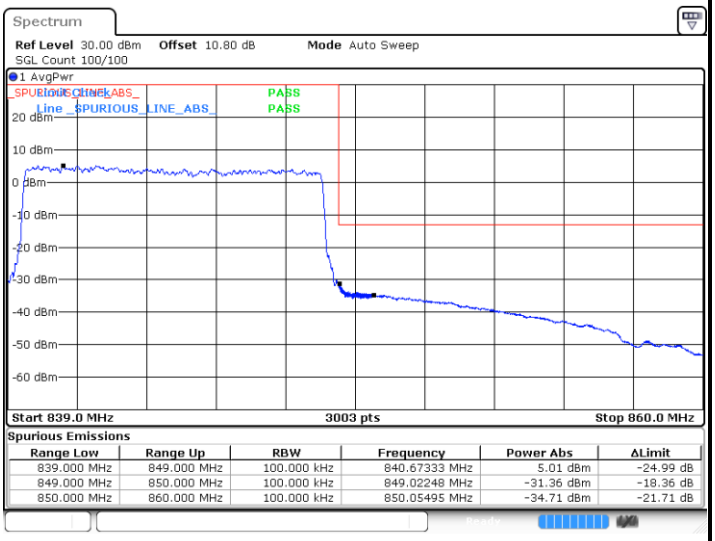


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.74026 MHz	-36.48 dBm	-23.48 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98851 MHz	-32.04 dBm	-19.04 dB
824.000 MHz	834.000 MHz	100.000 kHz	832.91608 MHz	4.67 dBm	-25.33 dB

Date: 1.SEP.2017 19:44:51

Highest Band Edge / Full RB



Spurious Emissions

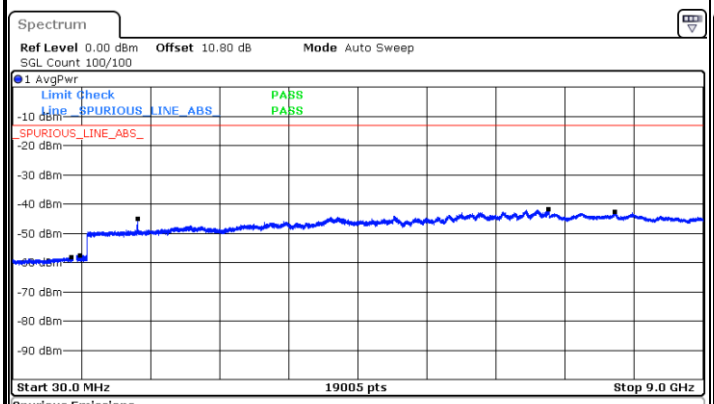
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.67333 MHz	5.01 dBm	-24.99 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.02248 MHz	-31.36 dBm	-18.36 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-34.71 dBm	-21.71 dB

Date: 1.SEP.2017 19:56:21

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

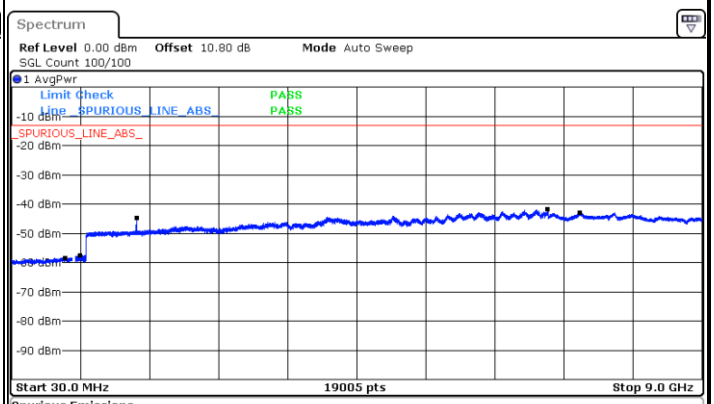


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	788.51949 MHz	-58.18 dBm	-45.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	899.79021 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-44.99 dBm	-31.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.82 dBm	-28.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.65 dBm	-29.65 dB

Date: 1.SEP.2017 20:06:17

Lowest Channel / 16QAM

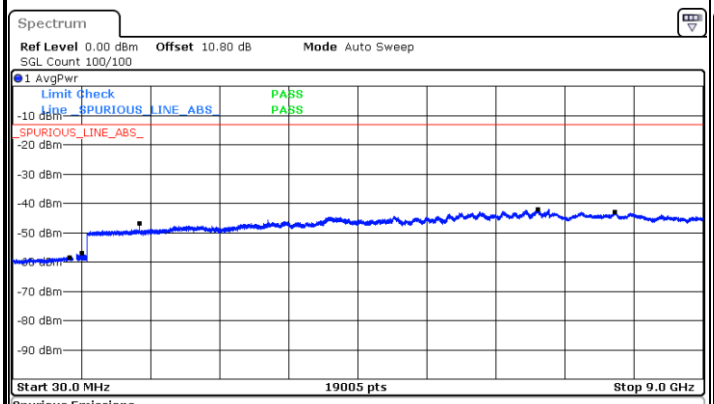


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	727.32009 MHz	-58.41 dBm	-45.41 dB
860.000 MHz	1.000 GHz	100.000 kHz	916.85315 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-44.88 dBm	-31.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.87 dBm	-28.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40765 GHz	-43.06 dBm	-30.06 dB

Date: 1.SEP.2017 20:07:11

Middle Channel / QPSK

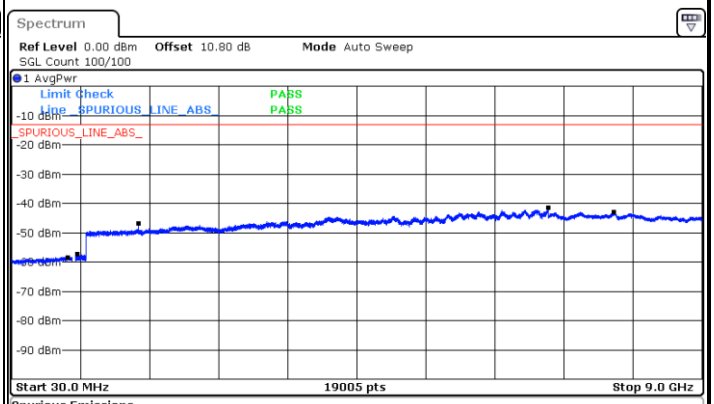


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	770.08121 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	929.58042 MHz	-57.13 dBm	-44.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.75 dBm	-33.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85427 GHz	-41.96 dBm	-28.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-42.92 dBm	-29.92 dB

Date: 1.SEP.2017 20:08:45

Middle Channel / 16QAM



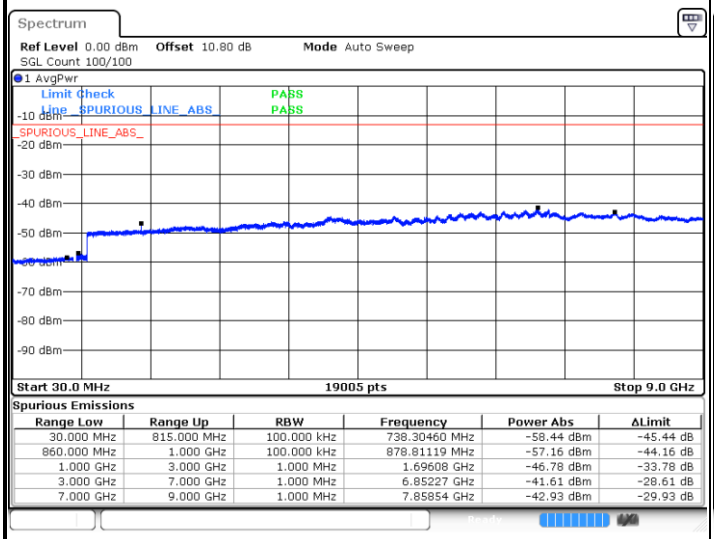
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	759.48901 MHz	-58.40 dBm	-45.40 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.58741 MHz	-57.21 dBm	-44.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-41.57 dBm	-28.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85404 GHz	-42.92 dBm	-29.92 dB

Date: 1.SEP.2017 20:09:39

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

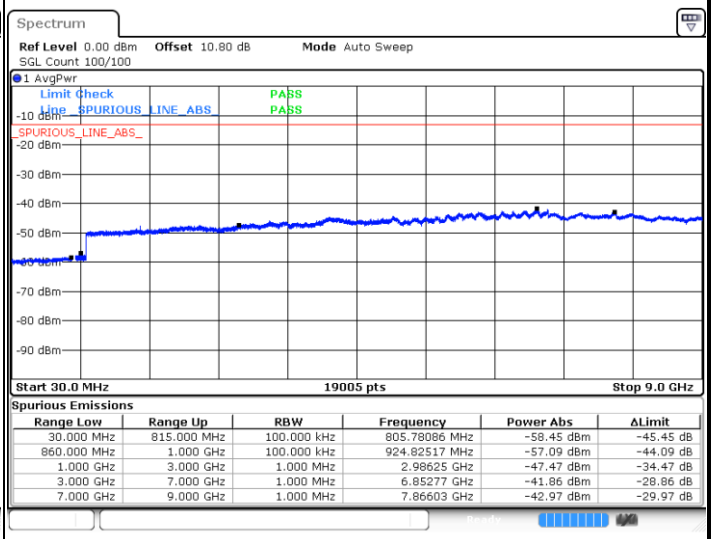


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	738.30460 MHz	-58.44 dBm	-45.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.81119 MHz	-57.16 dBm	-44.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.78 dBm	-33.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85227 GHz	-41.61 dBm	-28.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-42.93 dBm	-29.93 dB

Date: 1.SEP.2017 20:17:47

Highest Channel / 16QAM



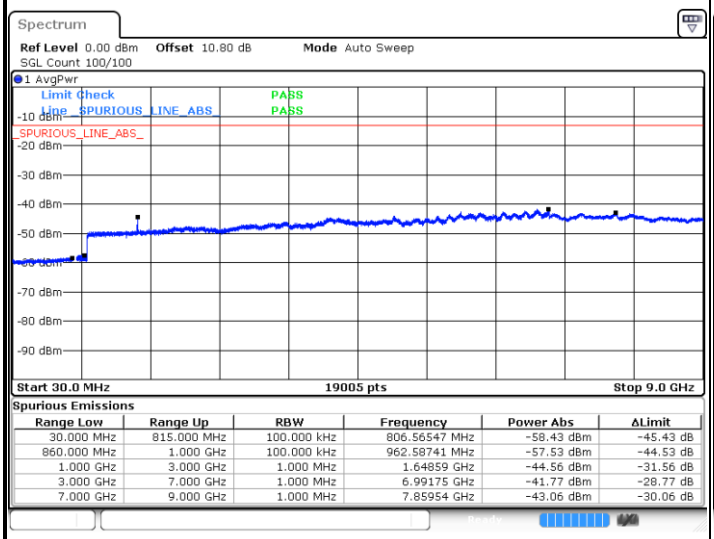
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	805.78086 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	924.82517 MHz	-57.09 dBm	-44.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98625 GHz	-47.47 dBm	-34.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85277 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86603 GHz	-42.97 dBm	-29.97 dB

Date: 1.SEP.2017 20:18:41

LTE Band 5 / 3MHz

Lowest Channel / QPSK

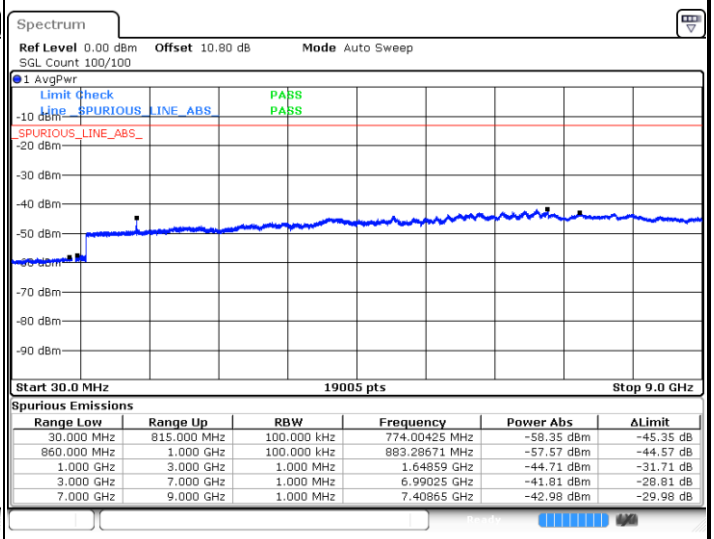


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.56547 MHz	-58.43 dBm	-45.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.58741 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-44.56 dBm	-31.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-41.77 dBm	-28.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.06 dBm	-30.06 dB

Date: 1.SEP.2017 19:04:40

Lowest Channel / 16QAM



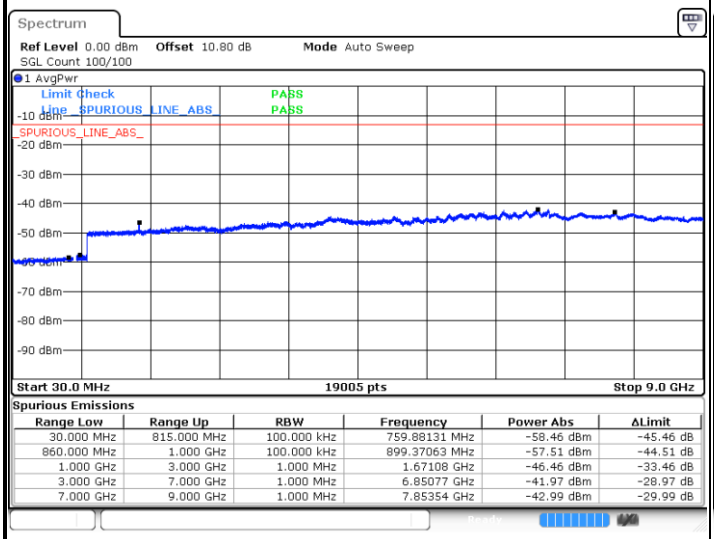
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	774.00425 MHz	-58.35 dBm	-45.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.28671 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-44.71 dBm	-31.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.81 dBm	-28.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40865 GHz	-42.98 dBm	-29.98 dB

Date: 1.SEP.2017 19:05:34

LTE Band 5 / 3MHz

Middle Channel / QPSK

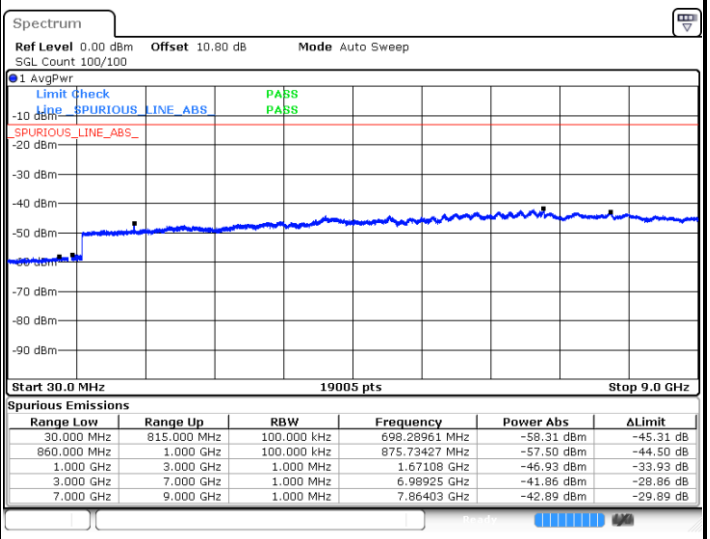


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	759.88131 MHz	-58.46 dBm	-45.46 dB
860.000 MHz	1.000 GHz	100.000 kHz	899.37063 MHz	-57.51 dBm	-44.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85077 GHz	-41.97 dBm	-28.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85354 GHz	-42.99 dBm	-29.99 dB

Date: 1.SEP.2017 19:07:08

Middle Channel / 16QAM

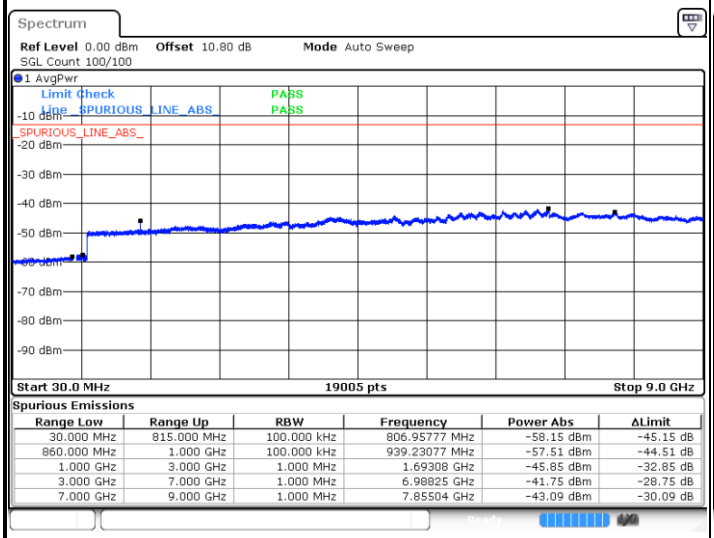


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	698.28961 MHz	-58.31 dBm	-45.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.73427 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-42.89 dBm	-29.89 dB

Date: 1.SEP.2017 19:08:02

Highest Channel / QPSK

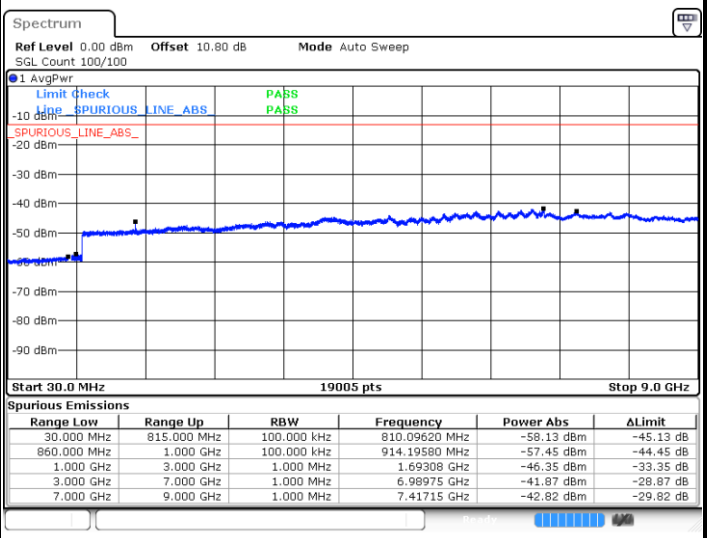


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.95777 MHz	-58.15 dBm	-45.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	939.23077 MHz	-57.51 dBm	-44.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-41.75 dBm	-28.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.09 dBm	-30.09 dB

Date: 1.SEP.2017 19:16:11

Highest Channel / 16QAM



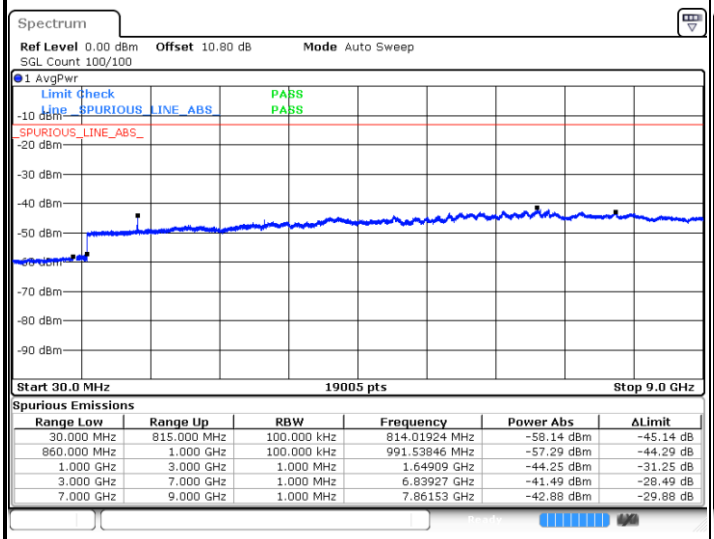
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.09620 MHz	-58.13 dBm	-45.13 dB
860.000 MHz	1.000 GHz	100.000 kHz	914.19580 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-46.35 dBm	-33.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-41.87 dBm	-28.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41715 GHz	-42.82 dBm	-29.82 dB

Date: 1.SEP.2017 19:17:04

LTE Band 5 / 5MHz

Lowest Channel / QPSK

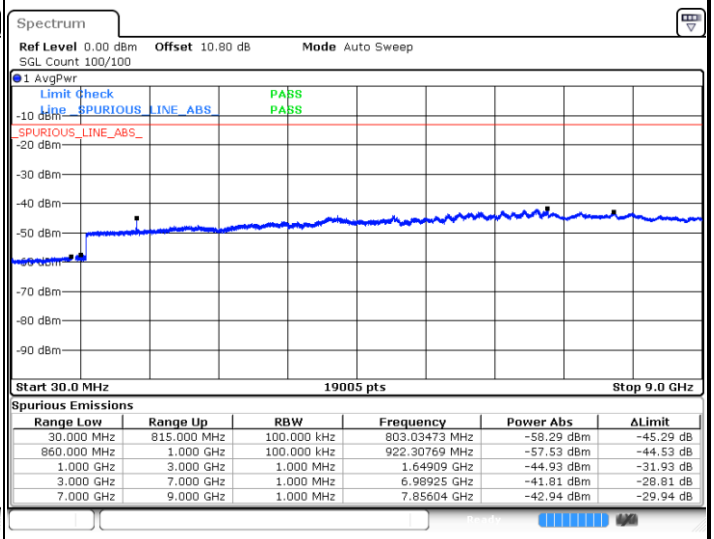


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.14 dBm	-45.14 dB
860.000 MHz	1.000 GHz	100.000 kHz	991.53846 MHz	-57.29 dBm	-44.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-44.25 dBm	-31.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83927 GHz	-41.49 dBm	-28.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-42.88 dBm	-29.88 dB

Date: 1.SEP.2017 19:25:13

Lowest Channel / 16QAM

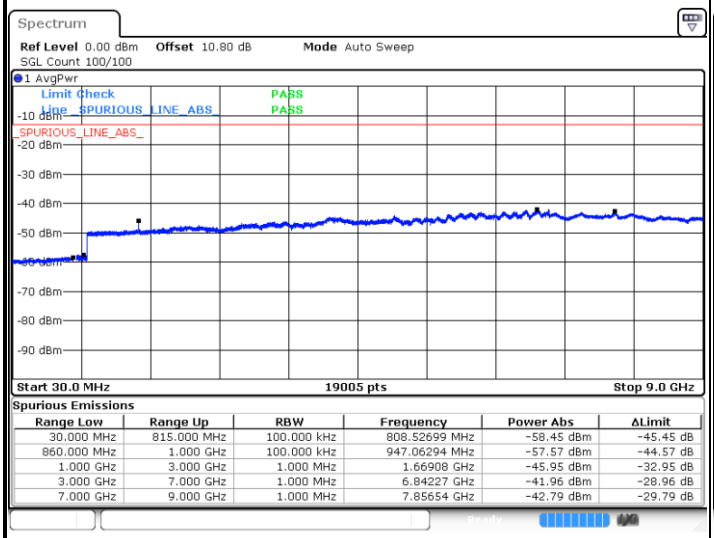


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	803.03473 MHz	-58.29 dBm	-45.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	922.30769 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-44.93 dBm	-31.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-41.81 dBm	-28.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85604 GHz	-42.94 dBm	-29.94 dB

Date: 1.SEP.2017 19:26:07

Middle Channel / QPSK

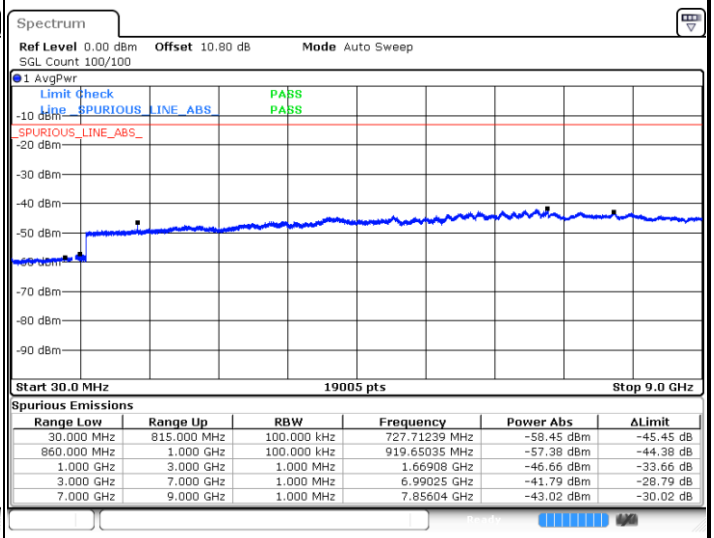


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.52699 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	947.06294 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.95 dBm	-32.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84227 GHz	-41.96 dBm	-28.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85654 GHz	-42.79 dBm	-29.79 dB

Date: 1.SEP.2017 19:27:41

Middle Channel / 16QAM



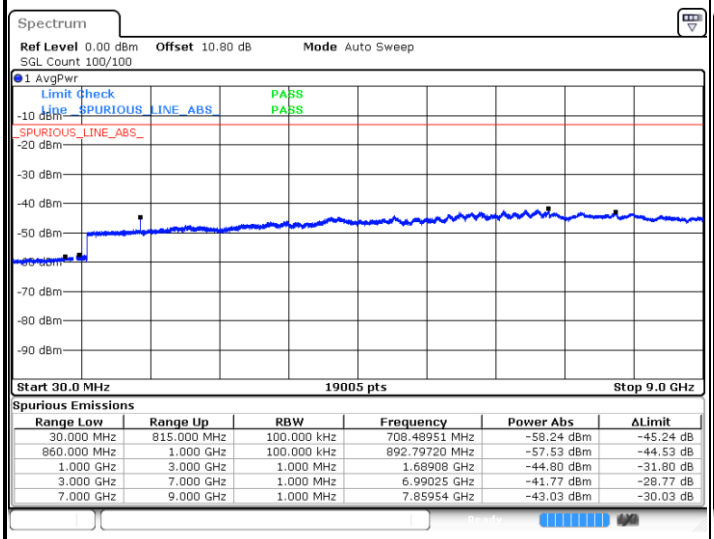
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	727.71239 MHz	-58.45 dBm	-45.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.65035 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.79 dBm	-28.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85604 GHz	-43.02 dBm	-30.02 dB

Date: 1.SEP.2017 19:28:34

LTE Band 5 / 5MHz

Highest Channel / QPSK

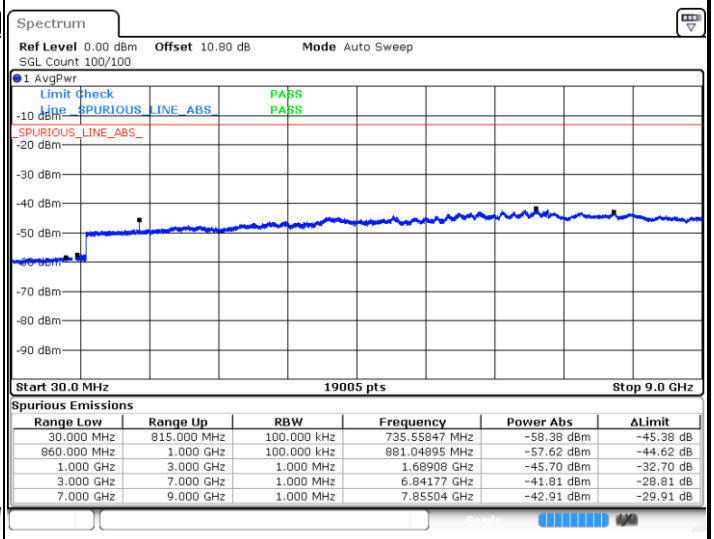


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	708.48951 MHz	-58.24 dBm	-45.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.79720 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.80 dBm	-31.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.77 dBm	-28.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.03 dBm	-30.03 dB

Date: 1.SEP.2017 19:36:43

Highest Channel / 16QAM



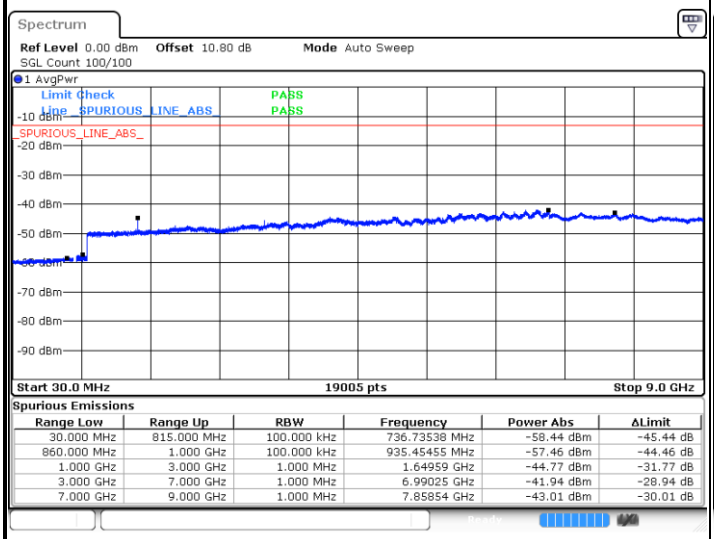
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.55847 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.04895 MHz	-57.62 dBm	-44.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-45.70 dBm	-32.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84177 GHz	-41.81 dBm	-28.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-42.91 dBm	-29.91 dB

Date: 1.SEP.2017 19:37:37

LTE Band 5 / 10MHz

Lowest Channel / QPSK

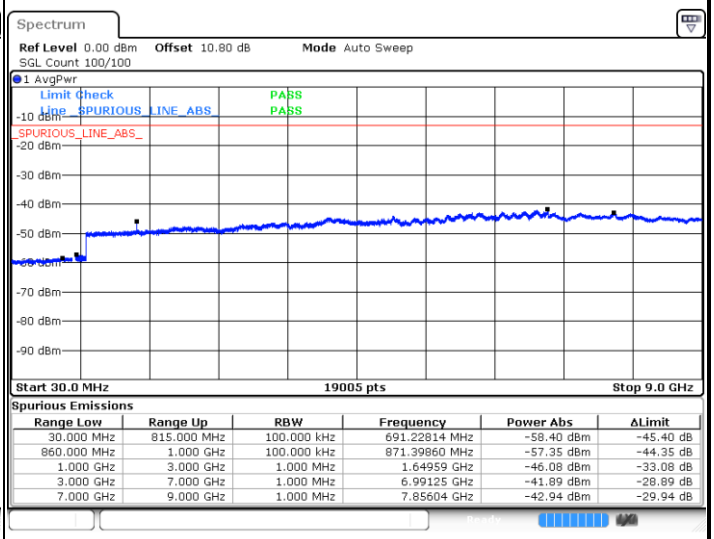


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	736.73538 MHz	-58.44 dBm	-45.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.45455 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-44.77 dBm	-31.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.94 dBm	-28.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-43.01 dBm	-30.01 dB

Date: 1.SEP.2017 19:45:46

Lowest Channel / 16QAM



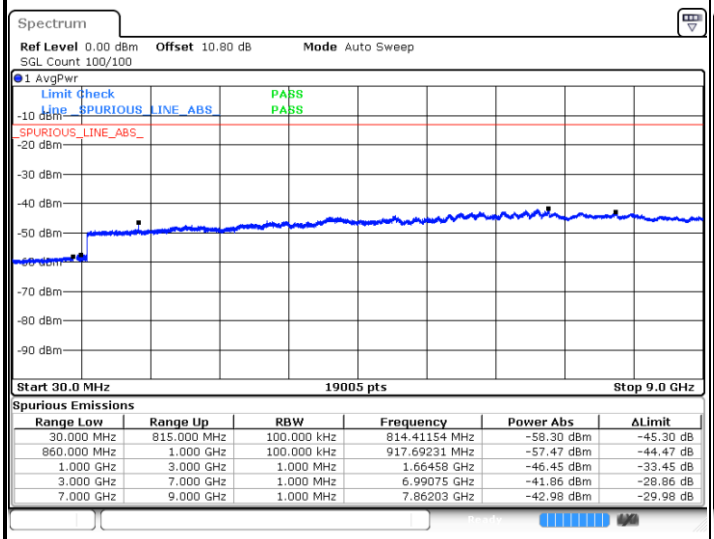
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	691.22814 MHz	-58.40 dBm	-45.40 dB
860.000 MHz	1.000 GHz	100.000 kHz	871.39860 MHz	-57.35 dBm	-44.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.08 dBm	-33.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.89 dBm	-28.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85604 GHz	-42.94 dBm	-29.94 dB

Date: 1.SEP.2017 19:46:39

LTE Band 5 / 10MHz

Middle Channel / QPSK

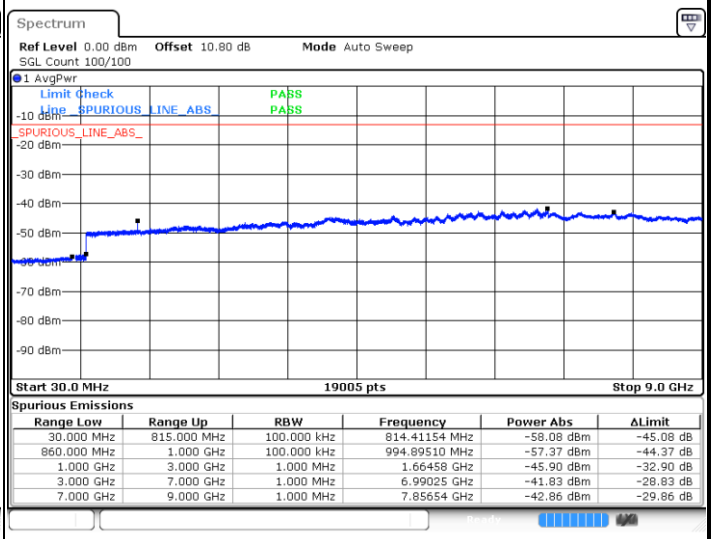


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.30 dBm	-45.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	917.69231 MHz	-57.47 dBm	-44.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.45 dBm	-33.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-42.98 dBm	-29.98 dB

Date: 1.SEP.2017 19:48:13

Middle Channel / 16QAM

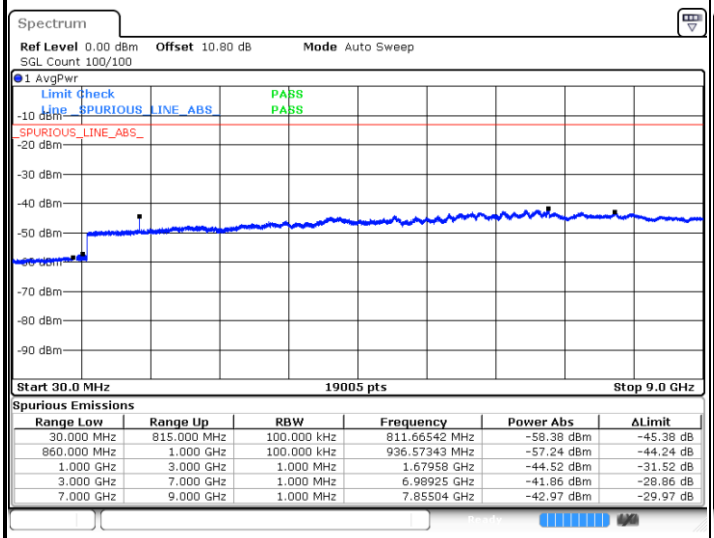


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.08 dBm	-45.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.89510 MHz	-57.37 dBm	-44.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.83 dBm	-28.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85654 GHz	-42.86 dBm	-29.86 dB

Date: 1.SEP.2017 19:49:07

Highest Channel / QPSK

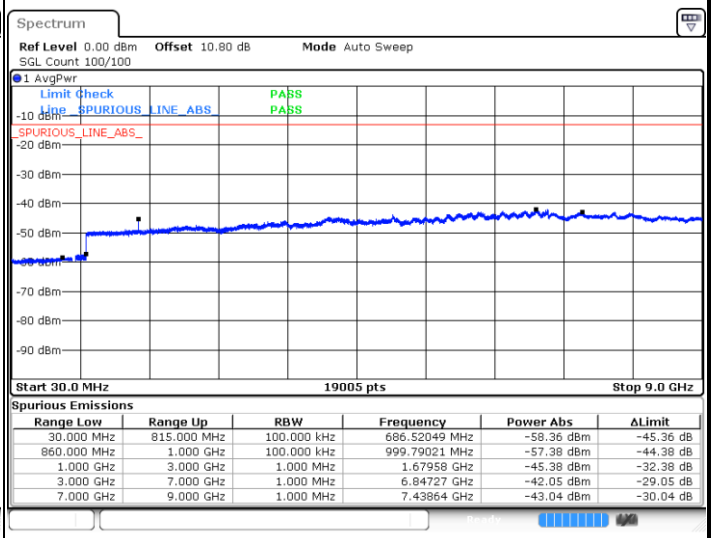


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.66542 MHz	-58.38 dBm	-45.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	936.57343 MHz	-57.24 dBm	-44.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-44.52 dBm	-31.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-42.97 dBm	-29.97 dB

Date: 1.SEP.2017 19:57:15

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	686.52049 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.79021 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.38 dBm	-32.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84727 GHz	-42.05 dBm	-29.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.43864 GHz	-43.04 dBm	-30.04 dB

Date: 1.SEP.2017 19:58:09

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0092	PASS
40	Normal Voltage	0.0087	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0081	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0090	
-30	Normal Voltage	0.0065	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

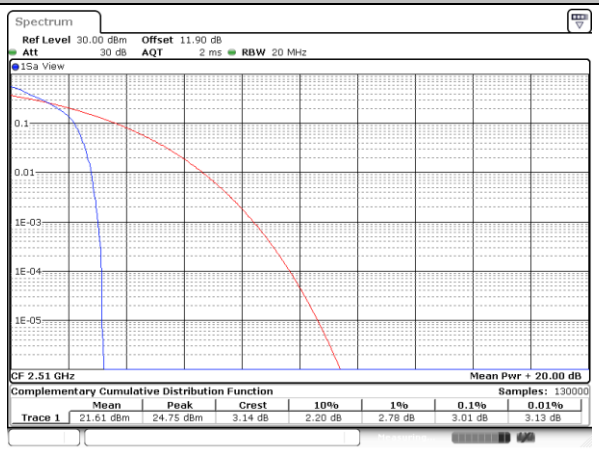
LTE Band 7

Peak-to-Average Ratio

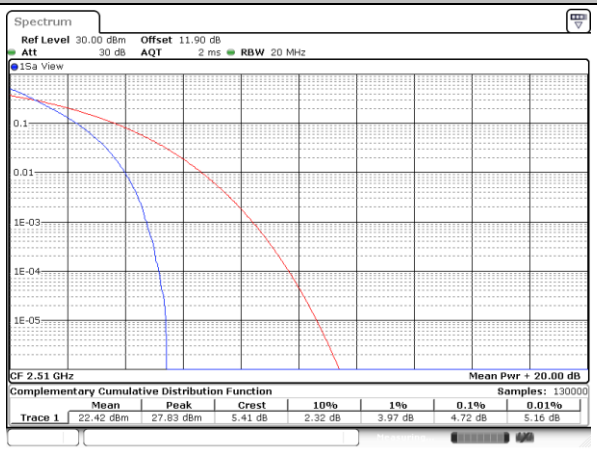
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.01	4.72	3.97	5.71	PASS
Middle CH	3.39	4.75	4.64	5.57	
Highest CH	3.33	4.49	4.43	5.42	

LTE Band 7 / 20MHz / QPSK

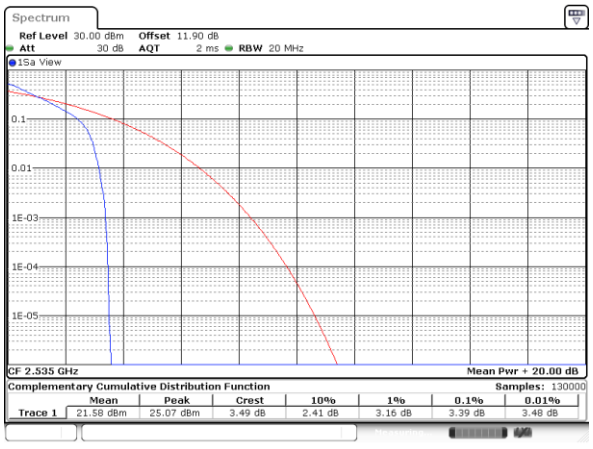
Lowest Channel / 1RB



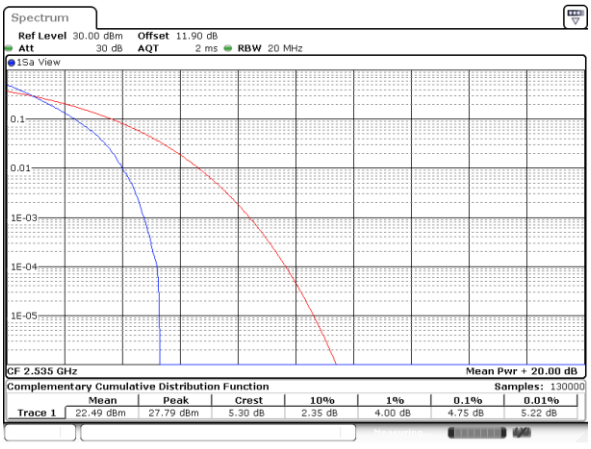
Lowest Channel / Full RB



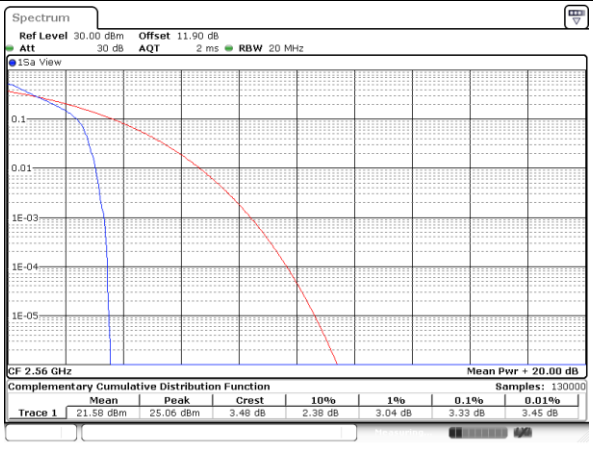
Middle Channel / 1RB



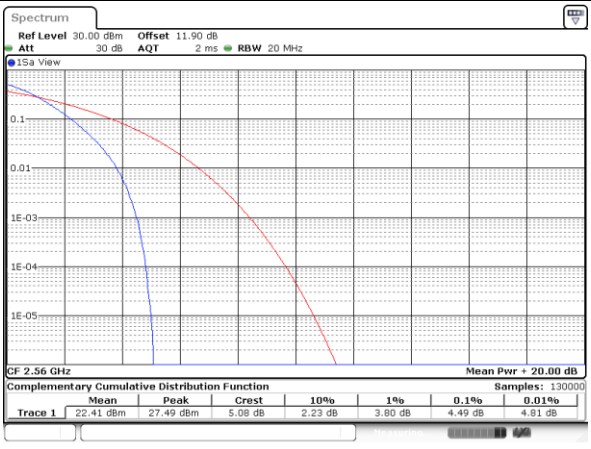
Middle Channel / Full RB



Highest Channel / 1RB

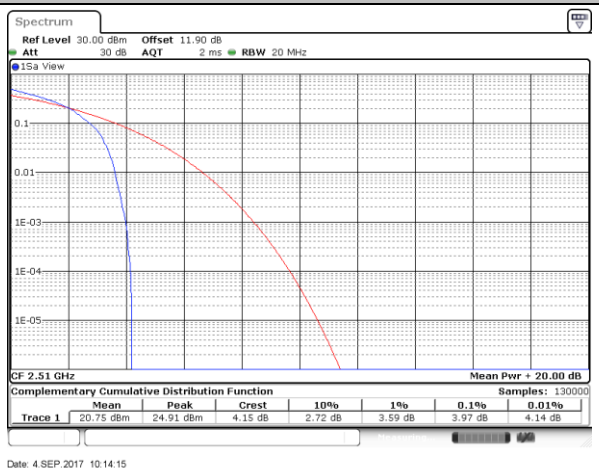


Highest Channel / Full RB

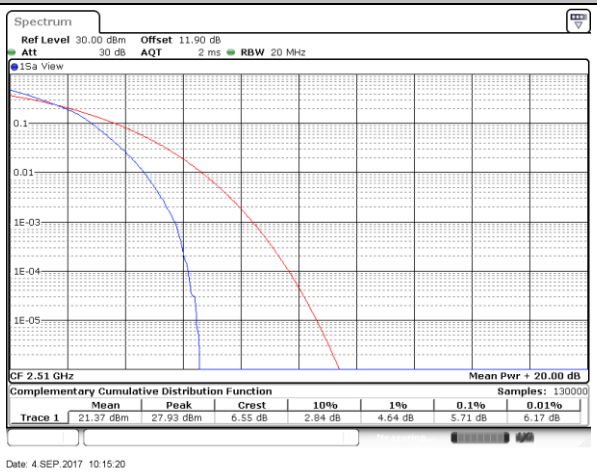


LTE Band 7 / 20MHz / 16QAM

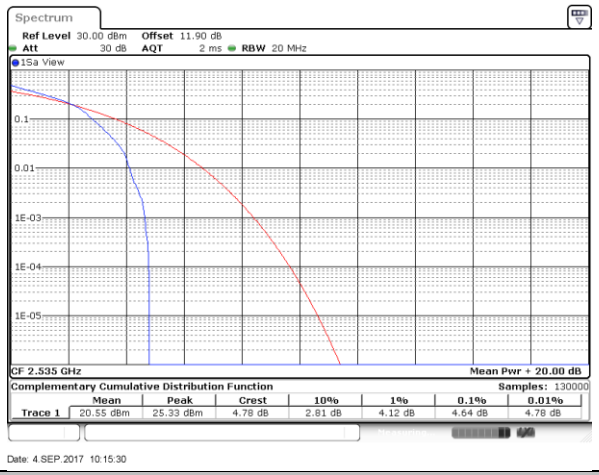
Lowest Channel / 1RB



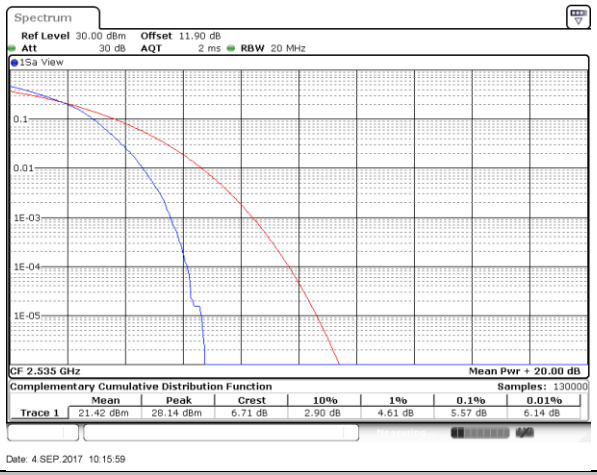
Lowest Channel / Full RB



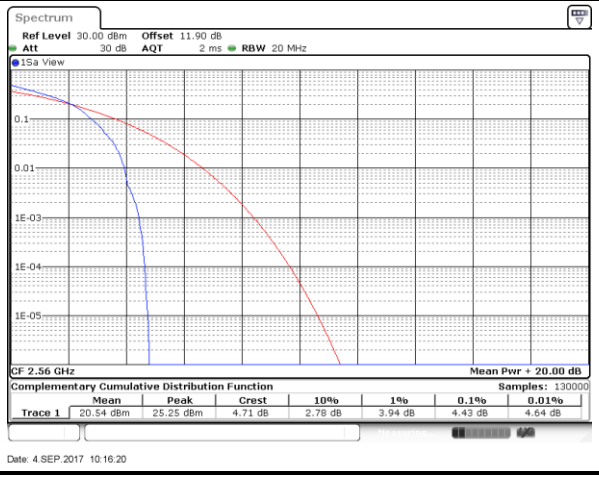
Middle Channel / 1RB



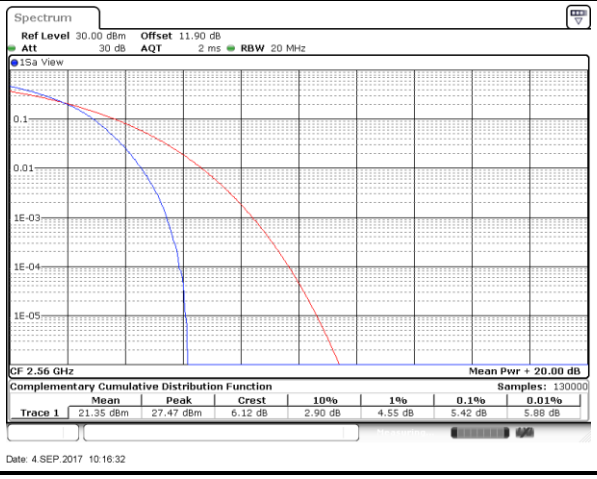
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

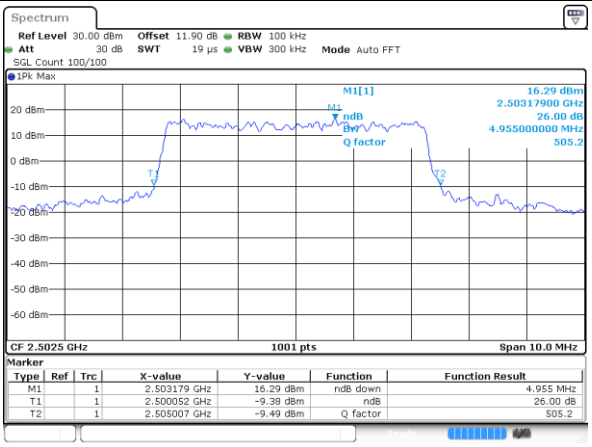


26dB Bandwidth

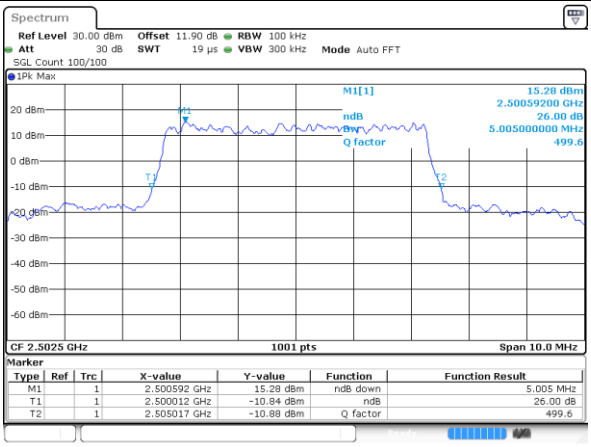
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.96	5.01	10.11	9.65	14.51	14.69	20.26	20.22
Middle CH	-	-	-	-	4.97	4.99	9.83	9.91	14.45	14.60	20.14	20.30
Highest CH	-	-	-	-	4.98	4.97	9.77	9.85	14.42	14.51	20.14	20.22

LTE Band 7

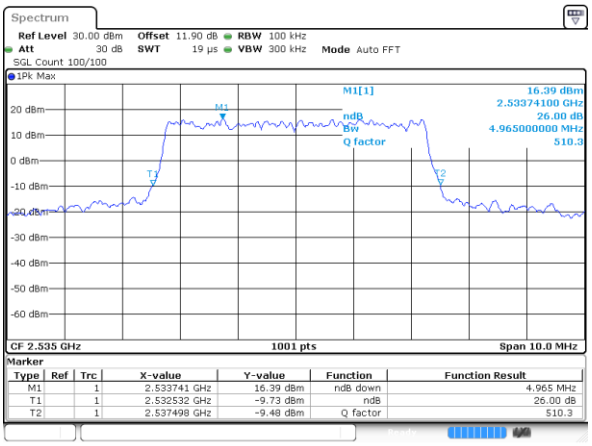
Lowest Channel / 5MHz / QPSK



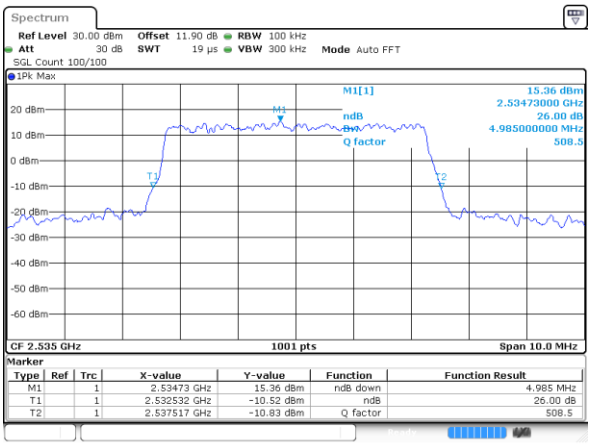
Lowest Channel / 5MHz / 16QAM



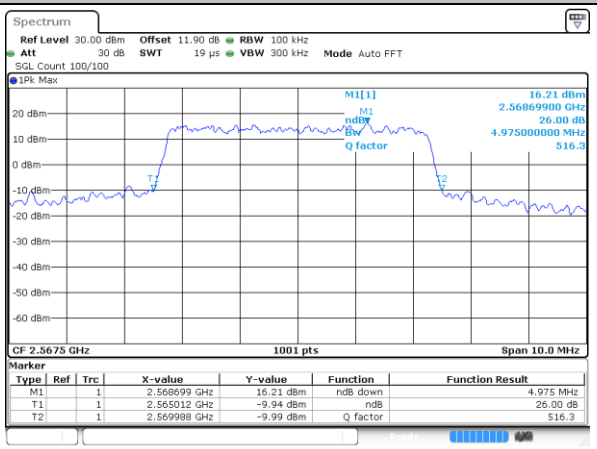
Middle Channel / 5MHz / QPSK



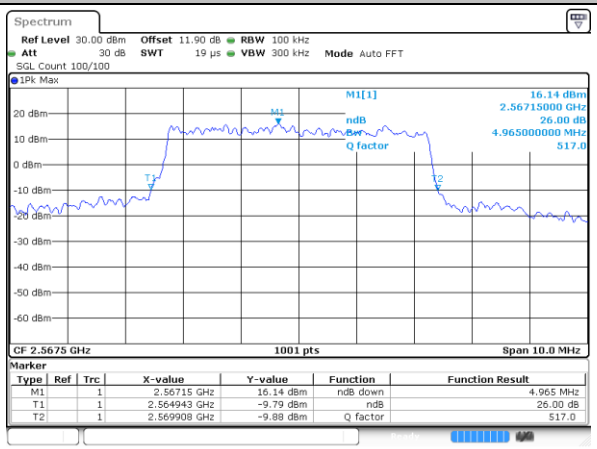
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

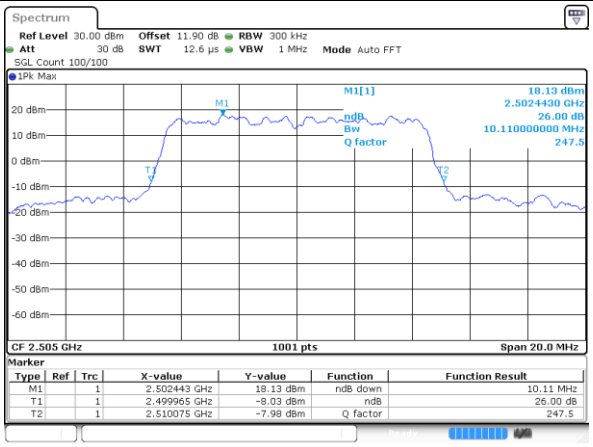


Highest Channel / 5MHz / 16QAM

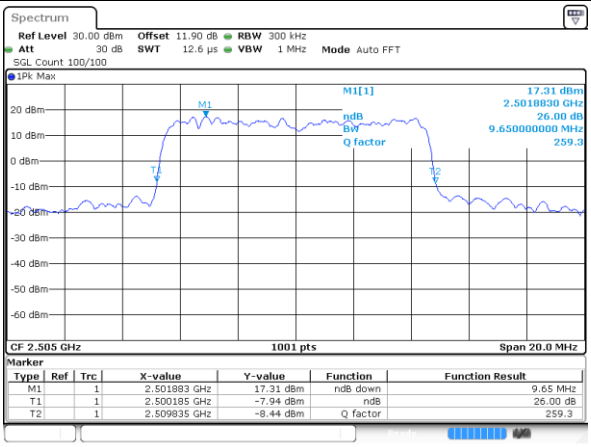


LTE Band 7

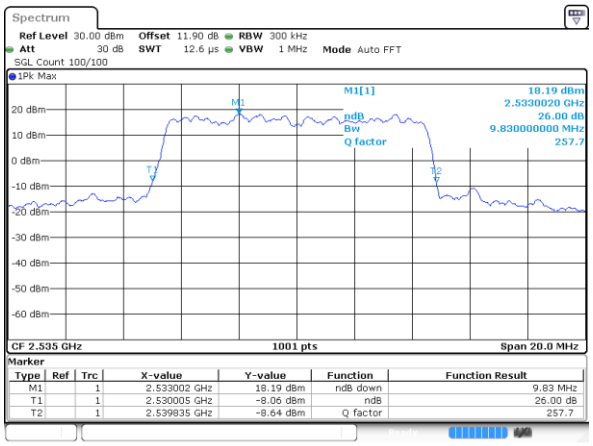
Lowest Channel / 10MHz / QPSK



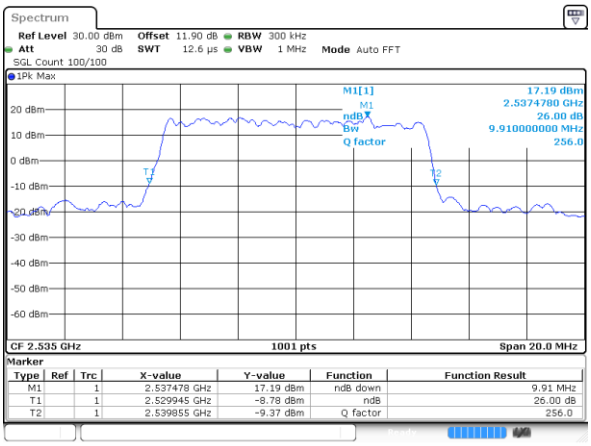
Lowest Channel / 10MHz / 16QAM



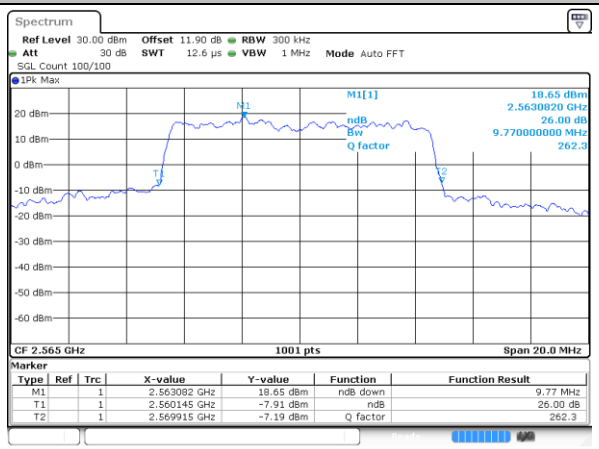
Middle Channel / 10MHz / QPSK



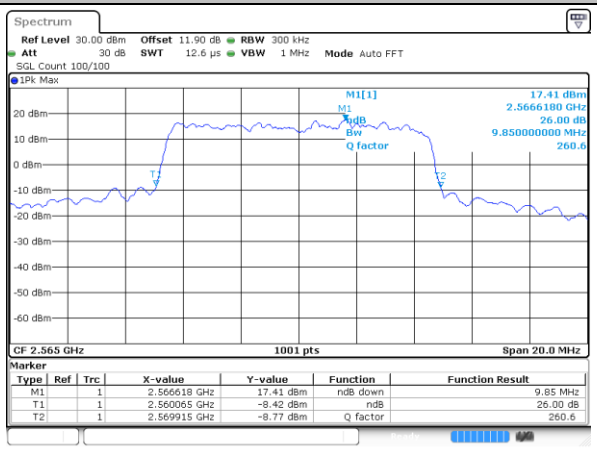
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

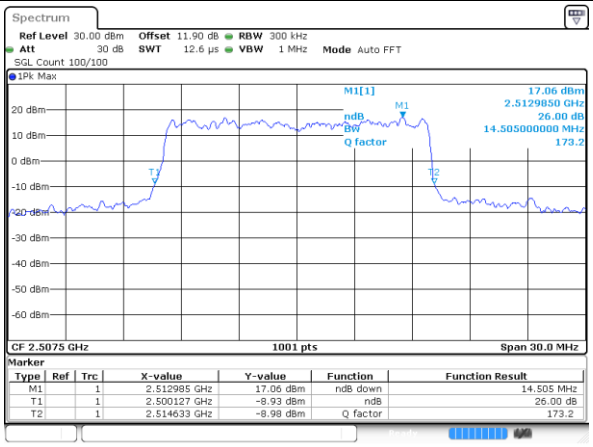


Highest Channel / 10MHz / 16QAM

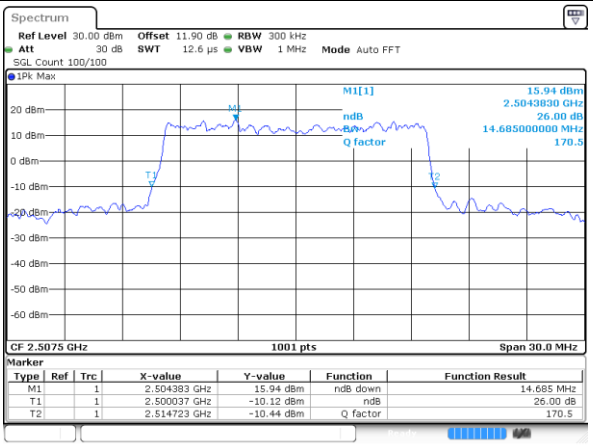


LTE Band 7

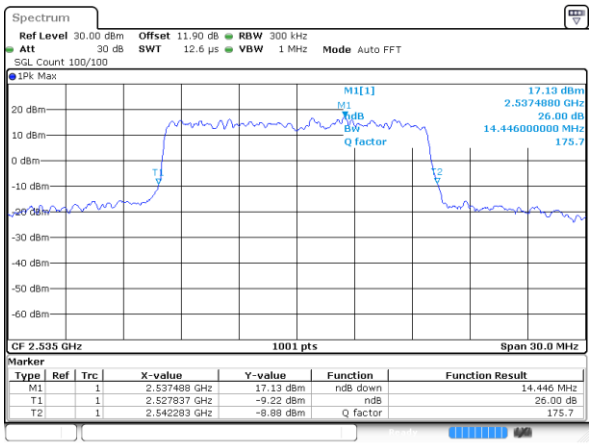
Lowest Channel / 15MHz / QPSK



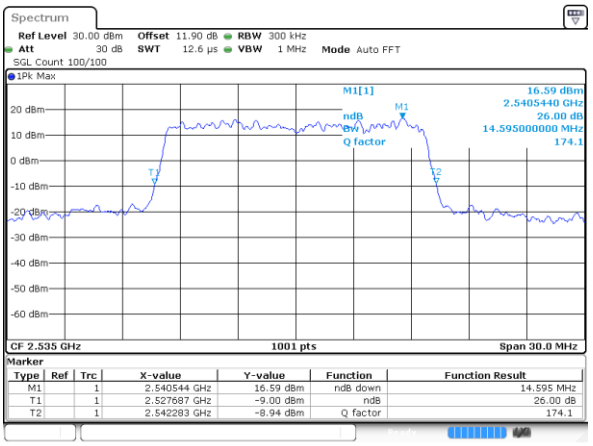
Lowest Channel / 15MHz / 16QAM



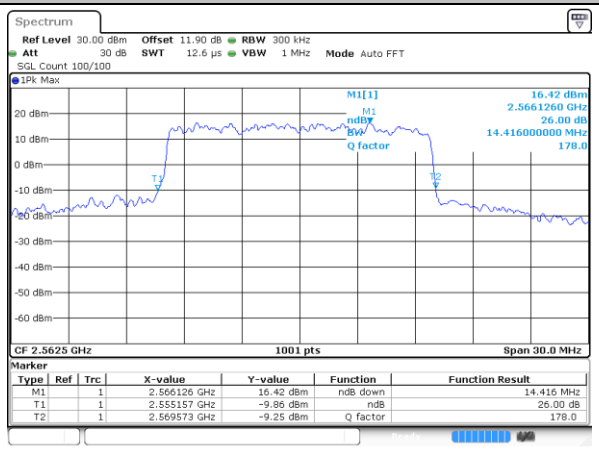
Middle Channel / 15MHz / QPSK



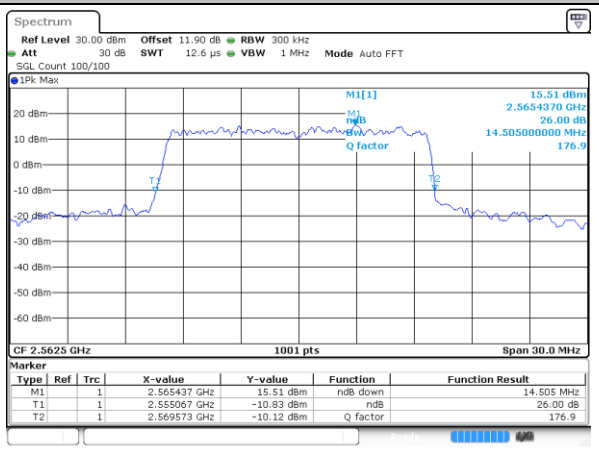
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

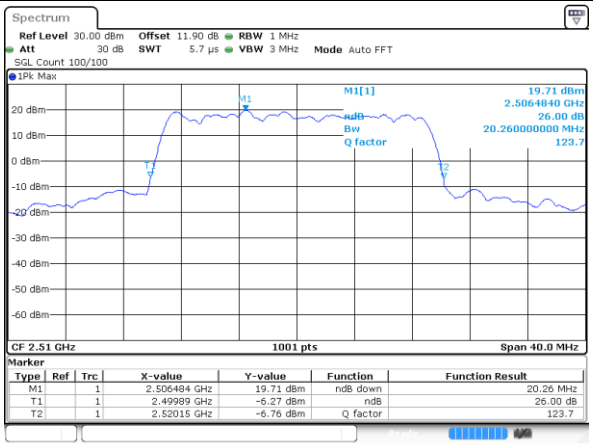


Highest Channel / 15MHz / 16QAM

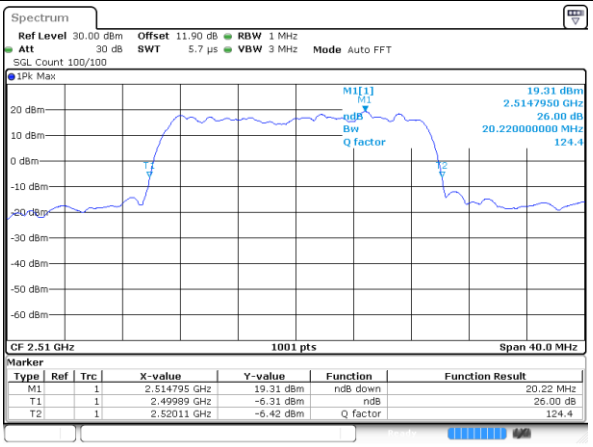


LTE Band 7

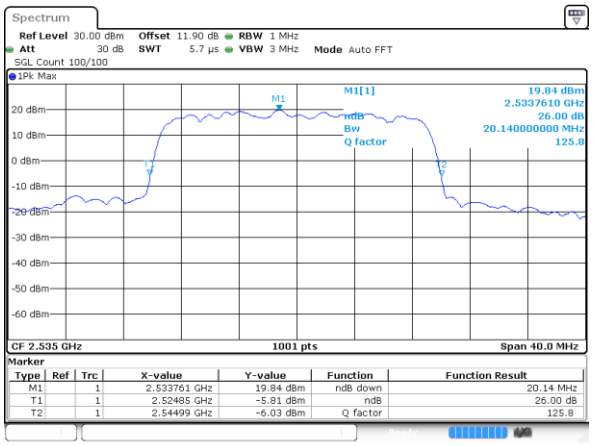
Lowest Channel / 20MHz / QPSK



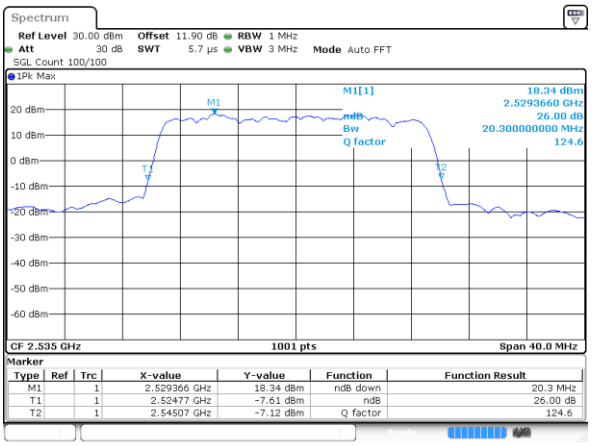
Lowest Channel / 20MHz / 16QAM



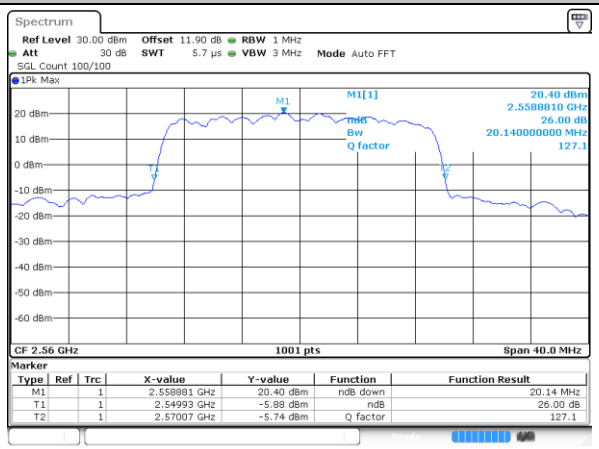
Middle Channel / 20MHz / QPSK



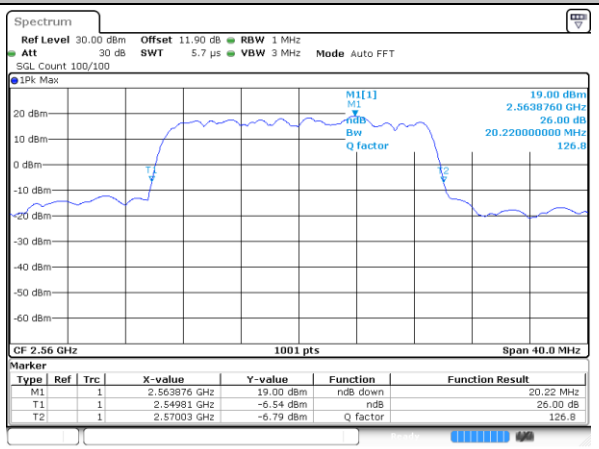
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

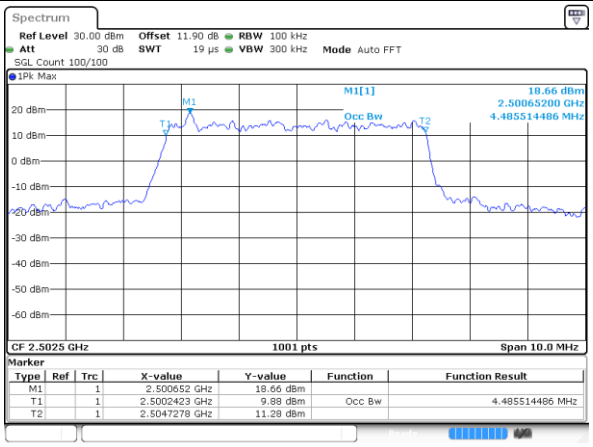


Occupied Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	4.49	4.52	9.07	9.05	13.46	13.43	18.46	18.5
Middle CH	-	-	-	-	4.51	4.49	9.03	9.03	13.46	13.43	18.38	18.26
Highest CH	-	-	-	-	4.54	4.51	9.01	9.05	13.46	13.4	18.3	18.22

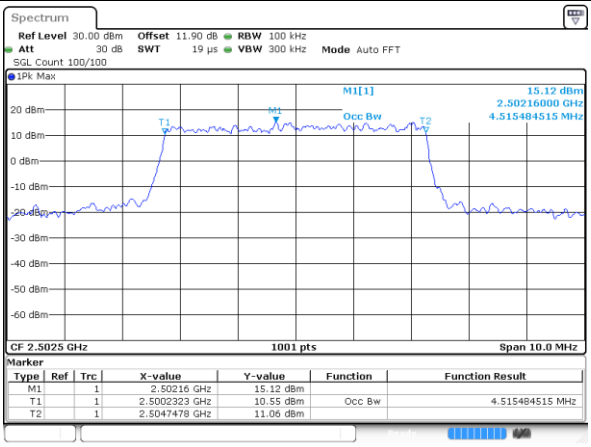
LTE Band 7

Lowest Channel / 5MHz / QPSK



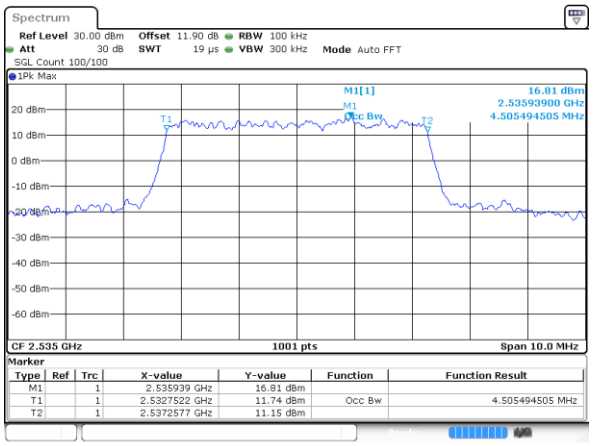
Date: 4.SEP.2017 09:01:30

Lowest Channel / 5MHz / 16QAM



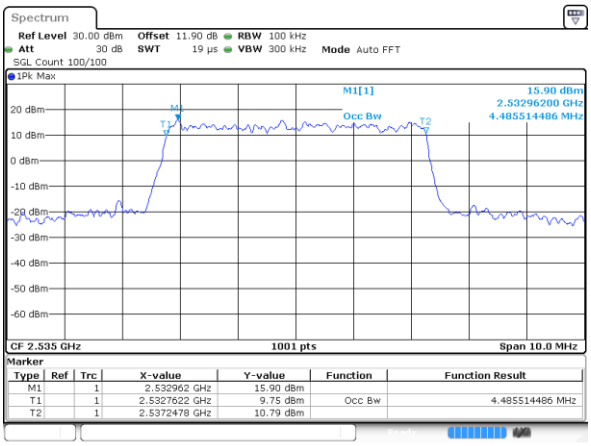
Date: 4.SEP.2017 09:01:40

Middle Channel / 5MHz / QPSK



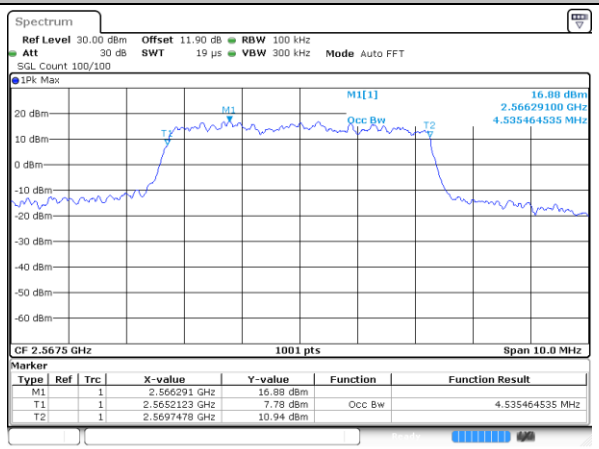
Date: 4.SEP.2017 09:08:34

Middle Channel / 5MHz / 16QAM



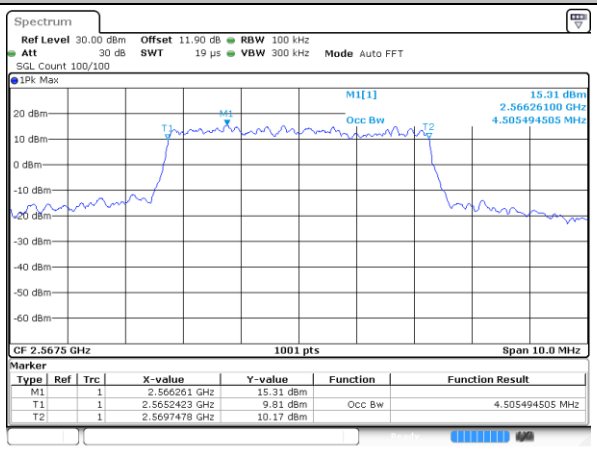
Date: 4.SEP.2017 09:08:44

Highest Channel / 5MHz / QPSK



Date: 4.SEP.2017 09:11:01

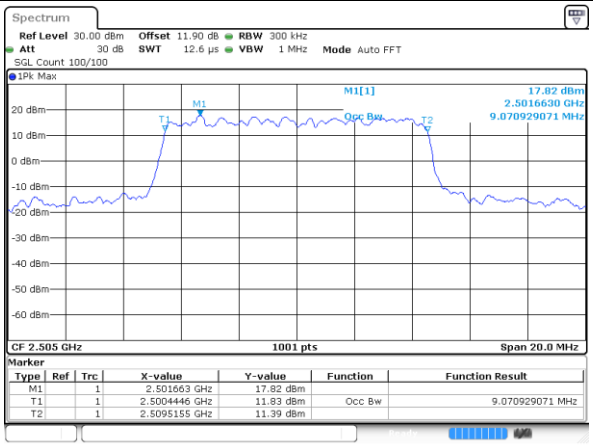
Highest Channel / 5MHz / 16QAM



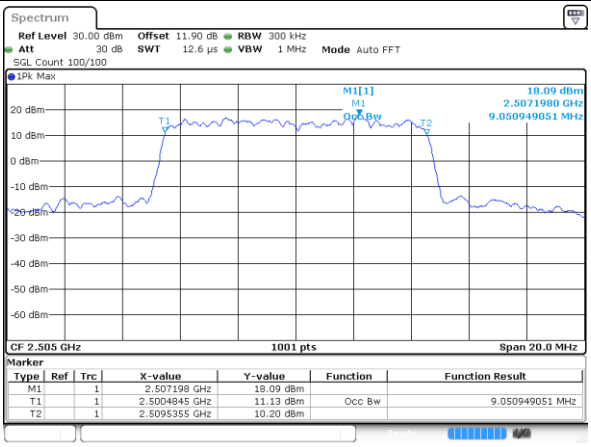
Date: 4.SEP.2017 09:11:11

LTE Band 7

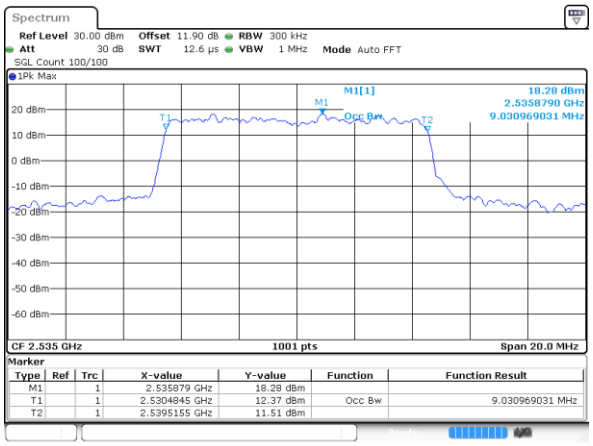
Lowest Channel / 10MHz / QPSK



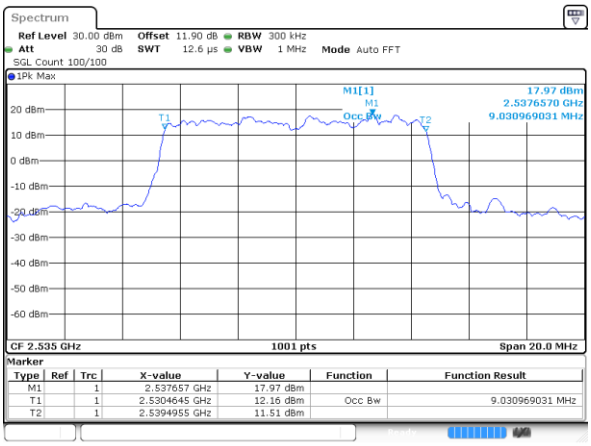
Lowest Channel / 10MHz / 16QAM



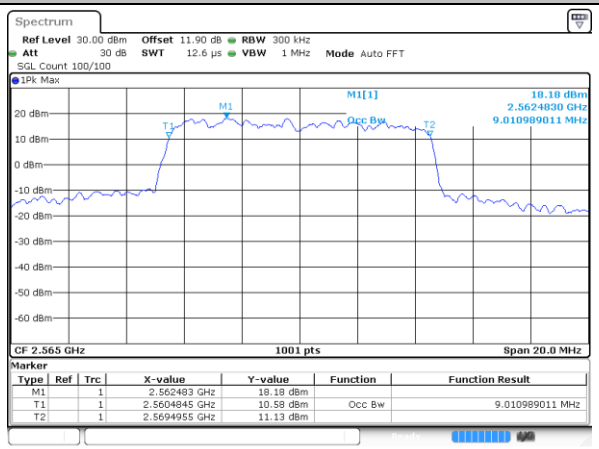
Middle Channel / 10MHz / QPSK



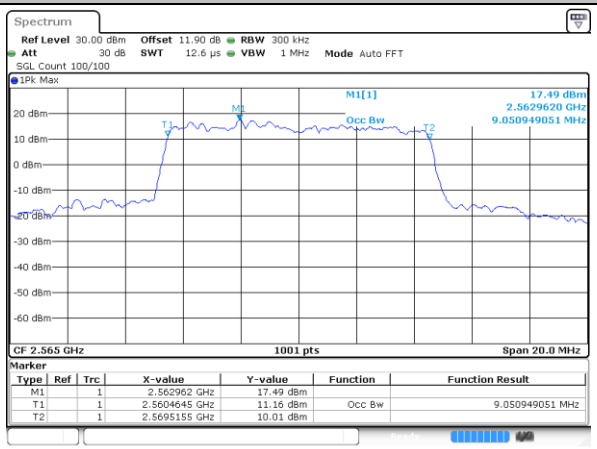
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

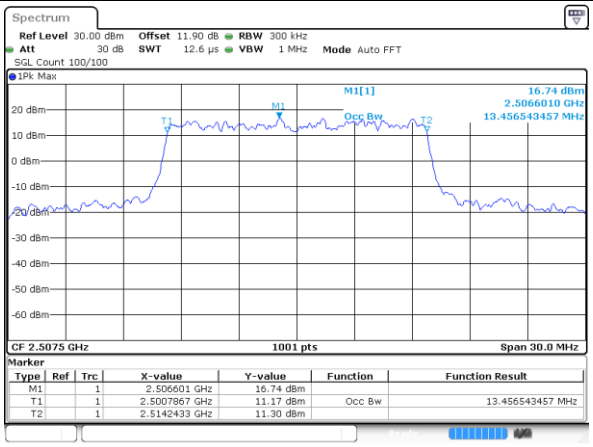


Highest Channel / 10MHz / 16QAM



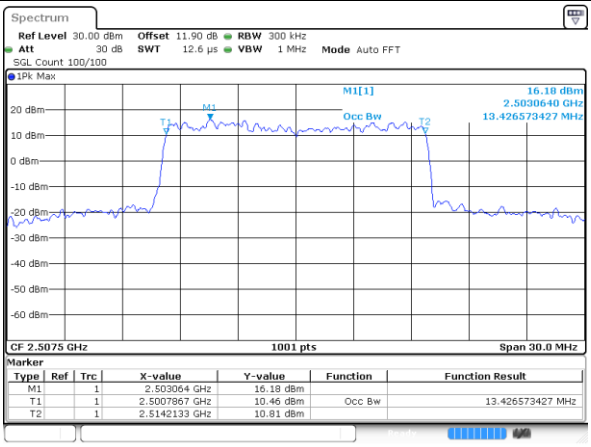
LTE Band 7

Lowest Channel / 15MHz / QPSK



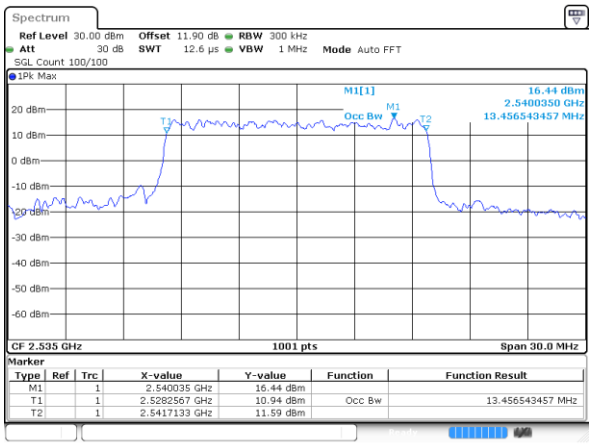
Date: 4.SEP.2017 09:37:18

Lowest Channel / 15MHz / 16QAM



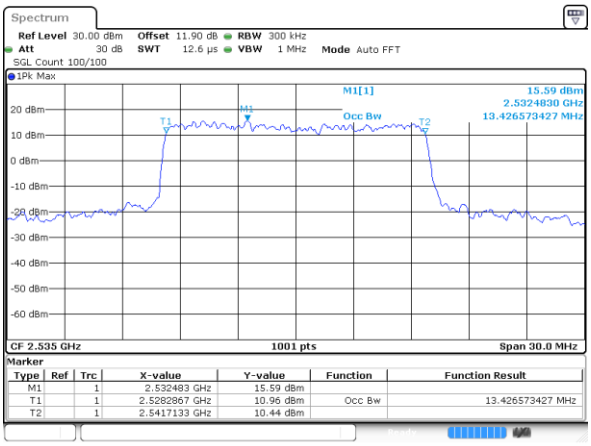
Date: 4.SEP.2017 09:37:28

Middle Channel / 15MHz / QPSK



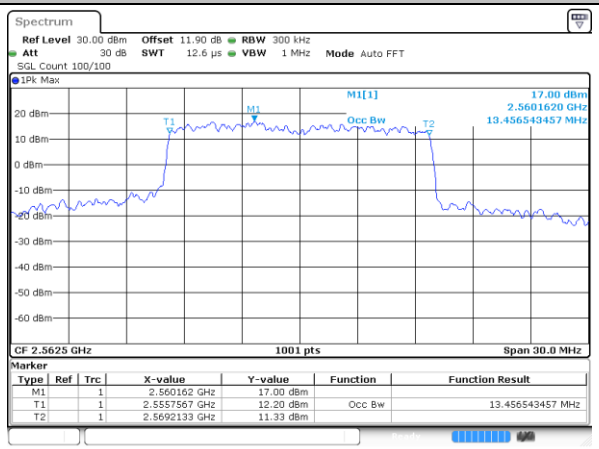
Date: 4.SEP.2017 09:44:21

Middle Channel / 15MHz / 16QAM



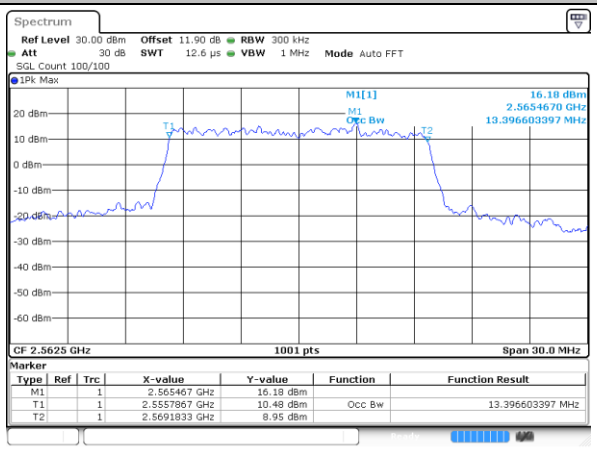
Date: 4.SEP.2017 09:44:31

Highest Channel / 15MHz / QPSK



Date: 4.SEP.2017 09:46:48

Highest Channel / 15MHz / 16QAM



Date: 4.SEP.2017 09:46:58