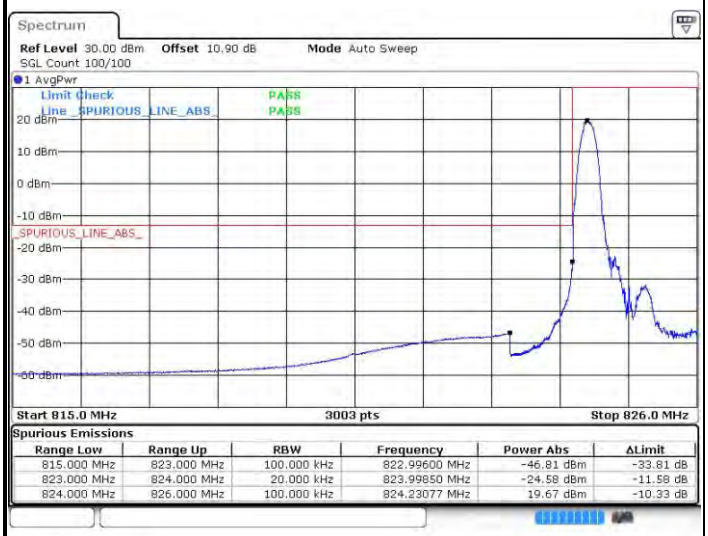
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

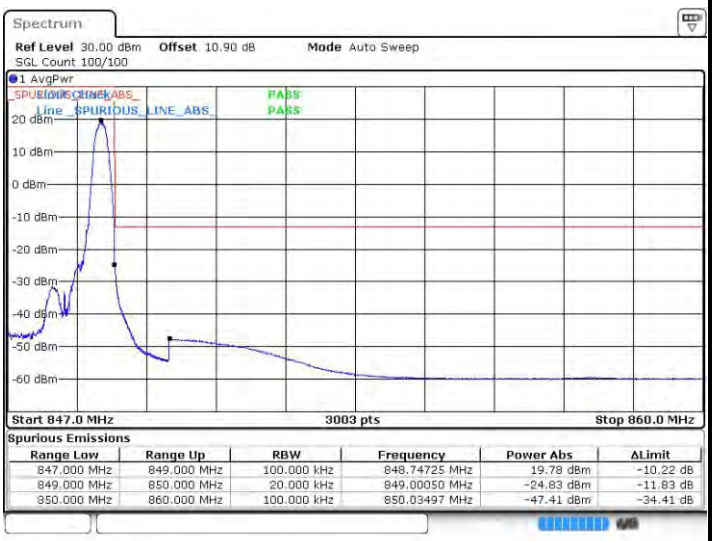


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-46.81 dBm	-33.81 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-24.58 dBm	-11.58 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.23077 MHz	19.67 dBm	-10.33 dB

Date: 21.MAY.2016 20:53:42

Highest Band Edge / 1 RB

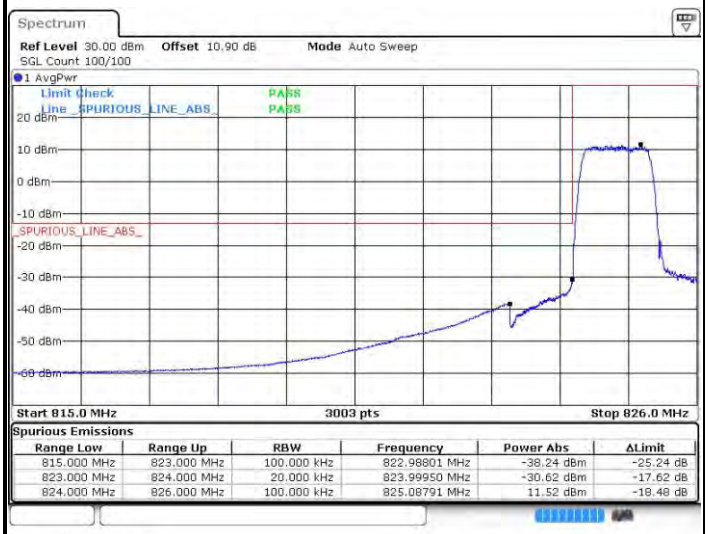


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.74725 MHz	19.78 dBm	-10.22 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-24.83 dBm	-11.83 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-47.41 dBm	-34.41 dB

Date: 21.MAY.2016 21:10:59

Lowest Band Edge / Full RB

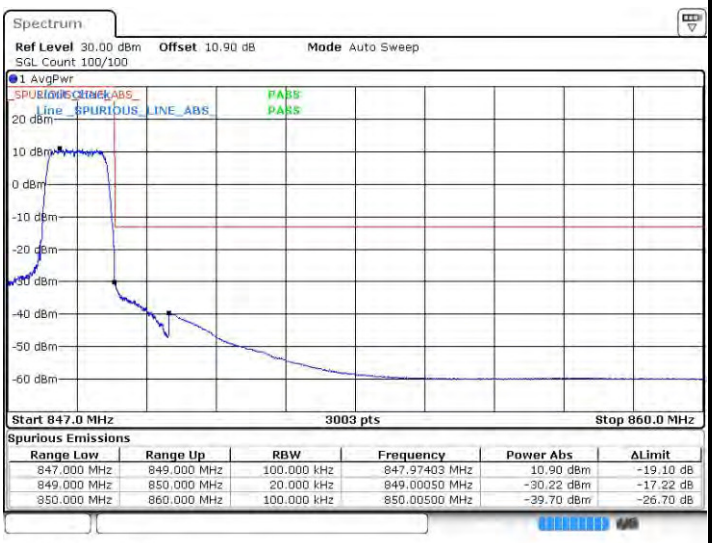


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-38.24 dBm	-25.24 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-30.62 dBm	-17.62 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.08791 MHz	11.52 dBm	-18.48 dB

Date: 21.MAY.2016 20:57:47

Highest Band Edge / Full RB



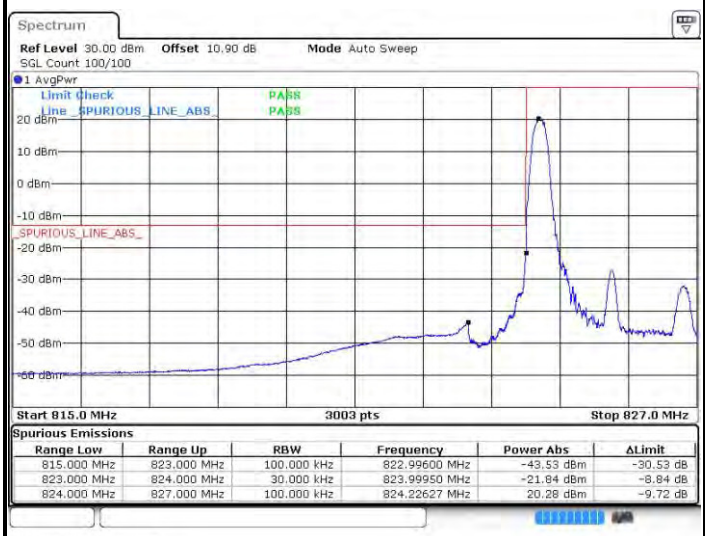
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.97403 MHz	10.90 dBm	-19.10 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-30.22 dBm	-17.22 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-39.70 dBm	-26.70 dB

Date: 21.MAY.2016 21:06:54

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

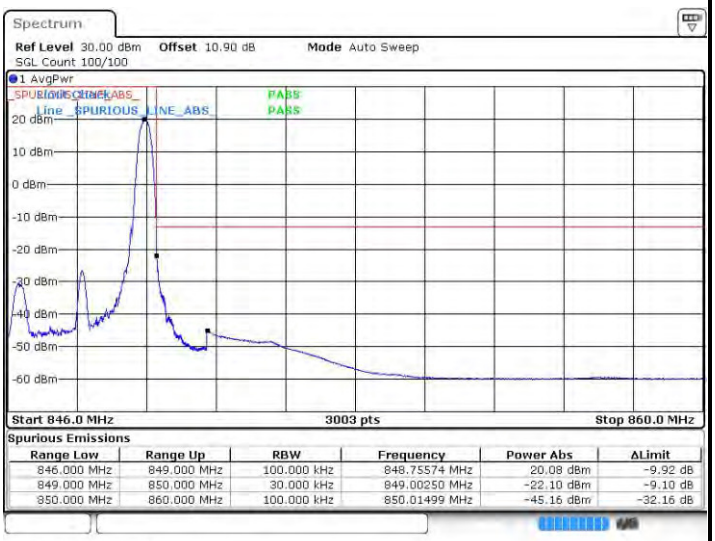


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-43.53 dBm	-30.53 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.84 dBm	-8.84 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.22627 MHz	20.28 dBm	-9.72 dB

Date: 21.MAY.2016 21:15:32

Highest Band Edge / 1 RB

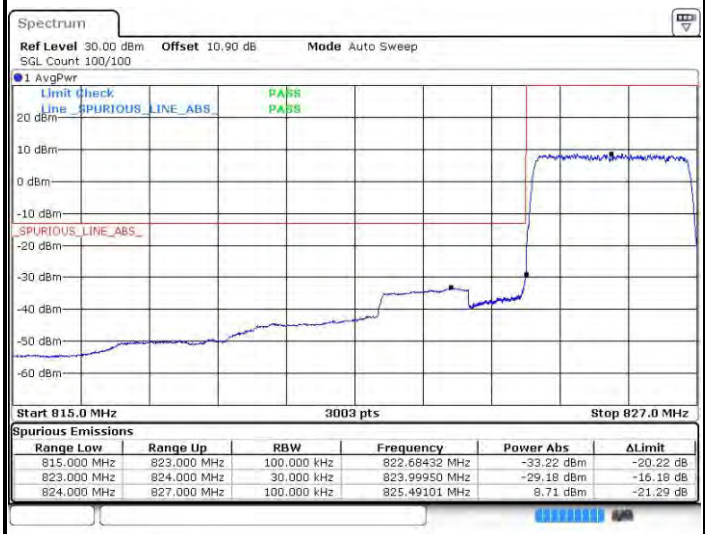


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.75574 MHz	20.08 dBm	-9.92 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00250 MHz	-22.10 dBm	-9.10 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-45.16 dBm	-32.16 dB

Date: 21.MAY.2016 21:28:43

Lowest Band Edge / Full RB

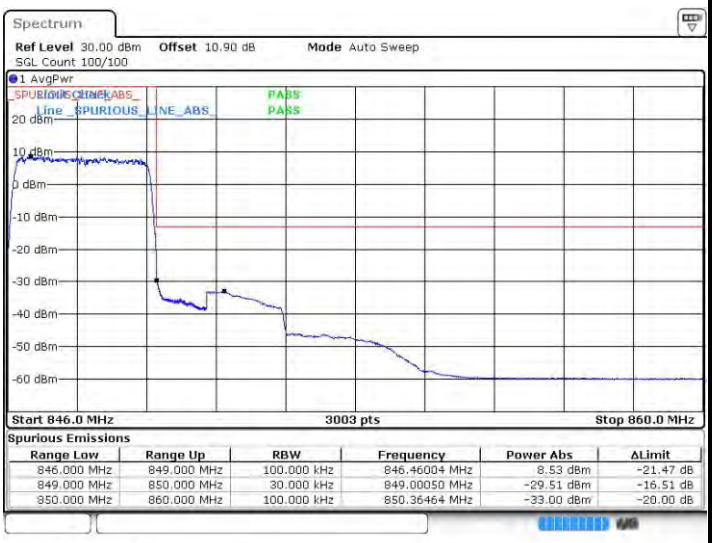


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.68432 MHz	-33.22 dBm	-20.22 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-29.18 dBm	-16.18 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.49101 MHz	8.71 dBm	-21.29 dB

Date: 21.MAY.2016 21:19:36

Highest Band Edge / Full RB



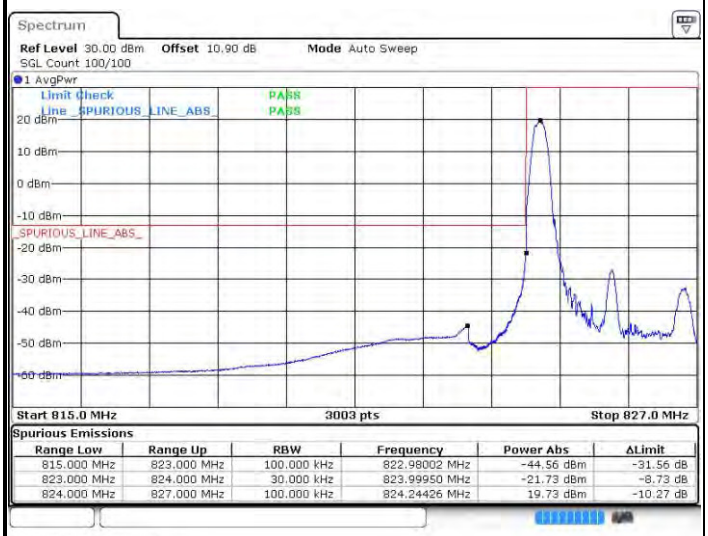
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.46004 MHz	8.53 dBm	-21.47 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-29.51 dBm	-16.51 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.36464 MHz	-33.00 dBm	-20.00 dB

Date: 21.MAY.2016 21:32:48

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

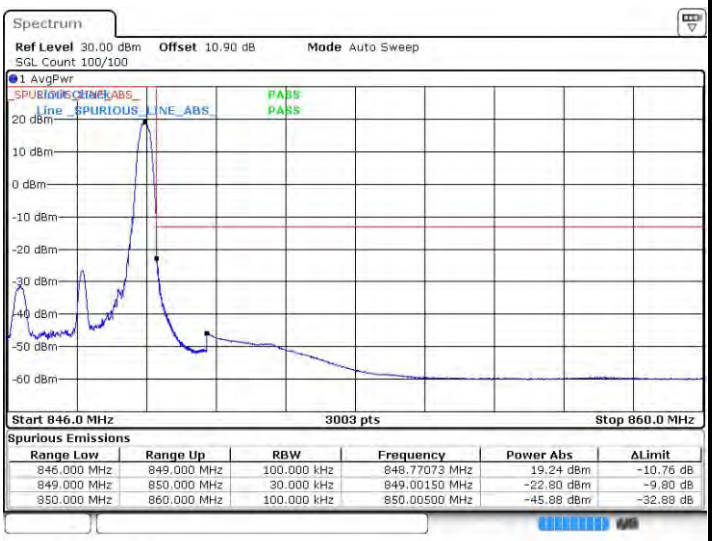


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-44.56 dBm	-31.56 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.73 dBm	-8.73 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24426 MHz	19.73 dBm	-10.27 dB

Date: 21.MAY.2016 21:17:34

Highest Band Edge /1 RB

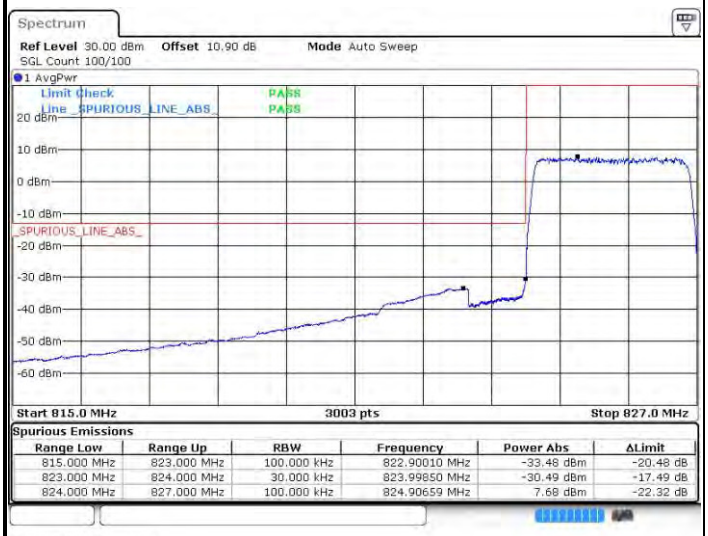


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.77073 MHz	19.24 dBm	-10.76 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-22.80 dBm	-9.80 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-45.88 dBm	-32.88 dB

Date: 21.MAY.2016 21:30:45

Lowest Band Edge / Full RB

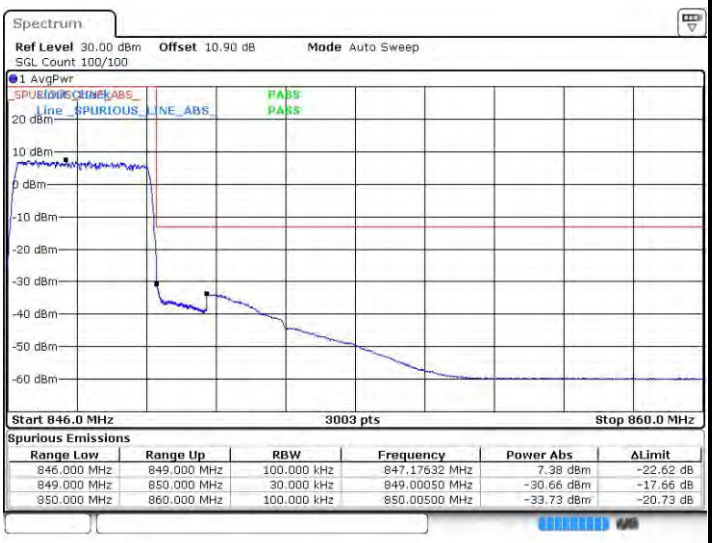


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90010 MHz	-33.48 dBm	-20.48 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-30.49 dBm	-17.49 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.90659 MHz	7.68 dBm	-22.32 dB

Date: 21.MAY.2016 21:21:39

Highest Band Edge / Full RB



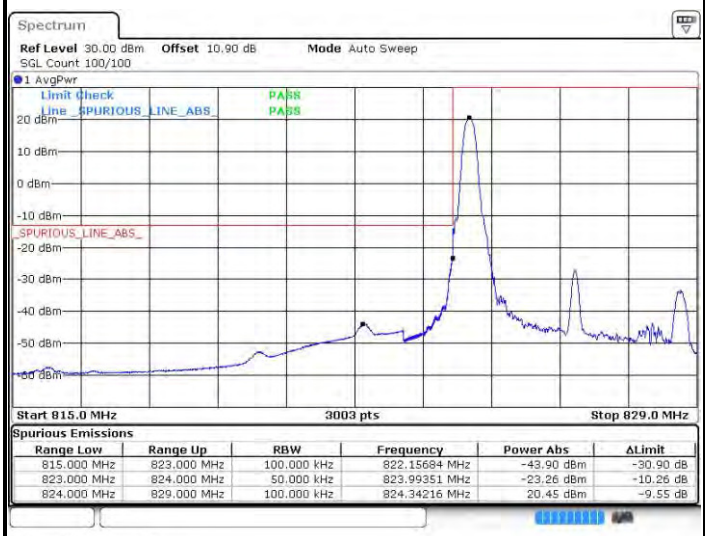
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.17632 MHz	7.38 dBm	-22.62 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-30.66 dBm	-17.66 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-33.73 dBm	-20.73 dB

Date: 21.MAY.2016 21:34:50

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

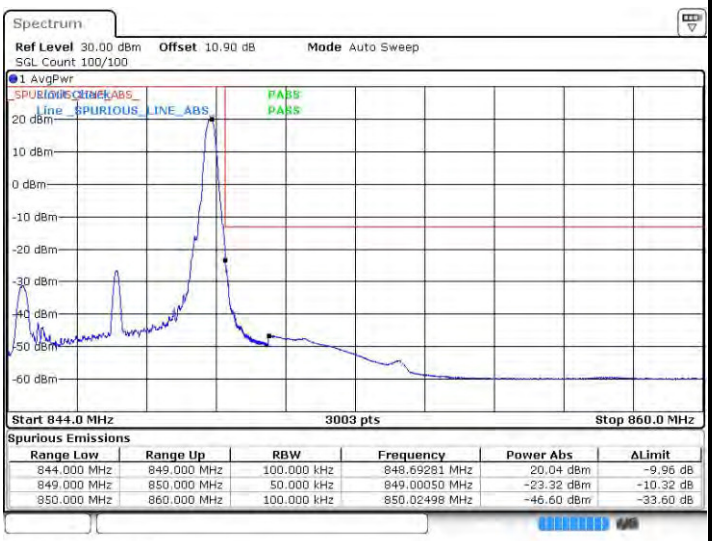


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.15684 MHz	-43.90 dBm	-30.90 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99351 MHz	-23.26 dBm	-10.26 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34216 MHz	20.45 dBm	-9.55 dB

Date: 21.MAY.2016 21:39:23

Highest Band Edge / 1 RB

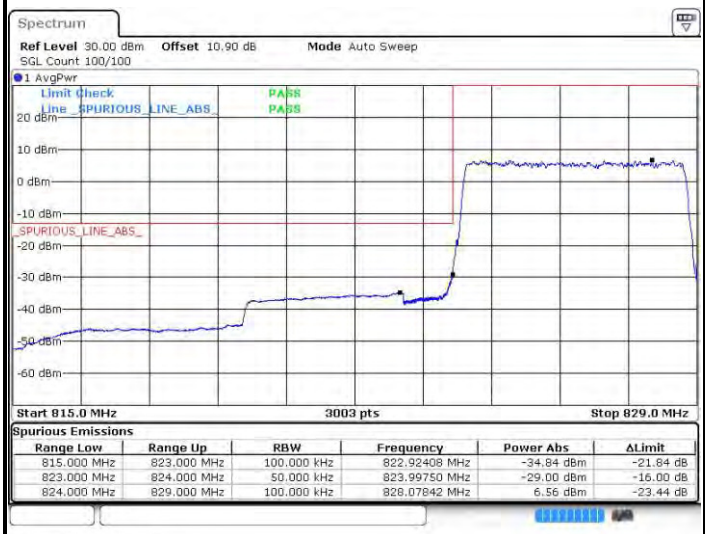


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.69281 MHz	20.04 dBm	-9.96 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-23.32 dBm	-10.32 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-46.60 dBm	-33.60 dB

Date: 21.MAY.2016 21:52:35

Lowest Band Edge / Full RB

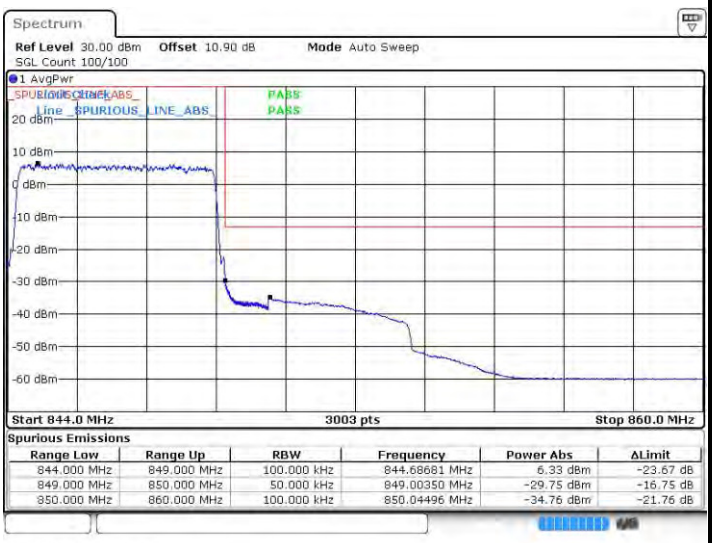


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-34.84 dBm	-21.84 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-29.00 dBm	-16.00 dB
824.000 MHz	829.000 MHz	100.000 kHz	828.07842 MHz	6.56 dBm	-23.44 dB

Date: 21.MAY.2016 21:43:28

Highest Band Edge / Full RB



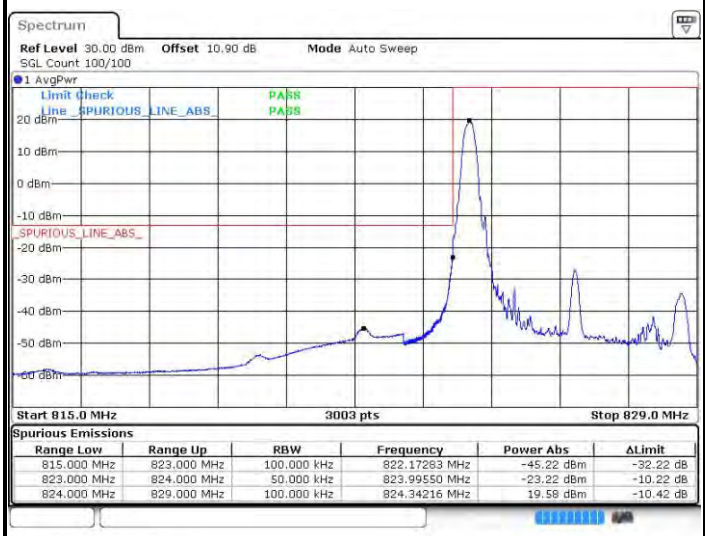
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.68681 MHz	6.33 dBm	-23.67 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00350 MHz	-29.75 dBm	-16.75 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-34.76 dBm	-21.76 dB

Date: 21.MAY.2016 21:56:39

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

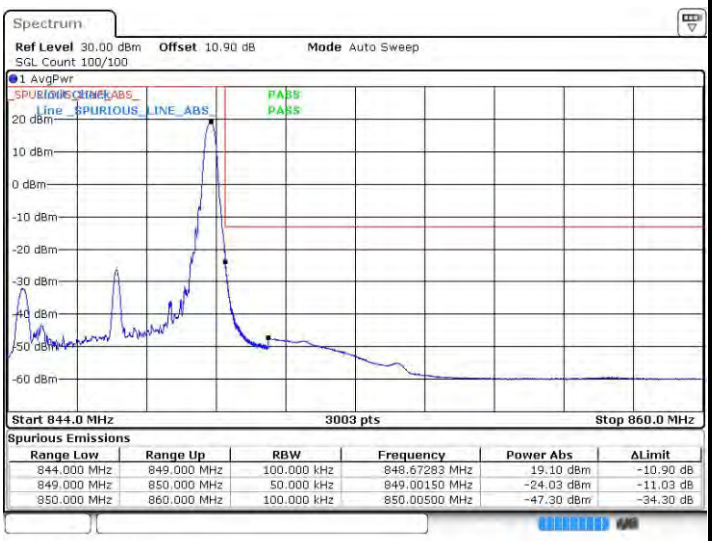


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.17263 MHz	-45.22 dBm	-32.22 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99550 MHz	-23.22 dBm	-10.22 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34216 MHz	19.58 dBm	-10.42 dB

Date: 21.MAY.2016 21:41:25

Highest Band Edge / 1 RB

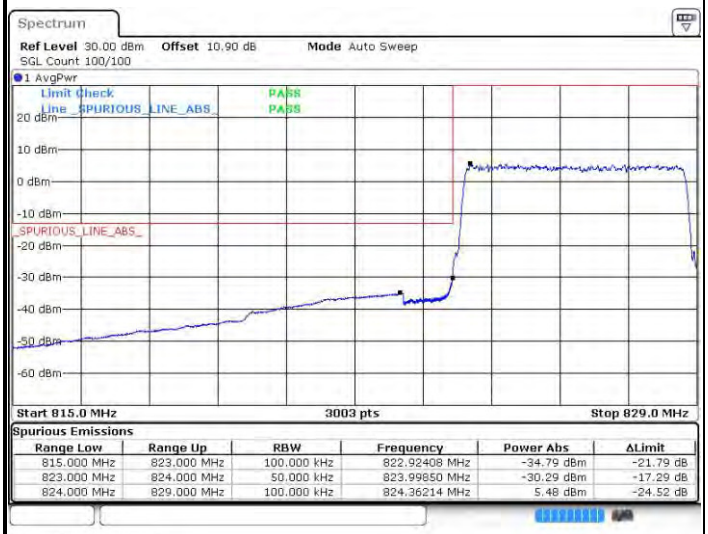


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.67283 MHz	19.10 dBm	-10.90 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-24.03 dBm	-11.03 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-47.30 dBm	-34.30 dB

Date: 21.MAY.2016 21:54:37

Lowest Band Edge / Full RB

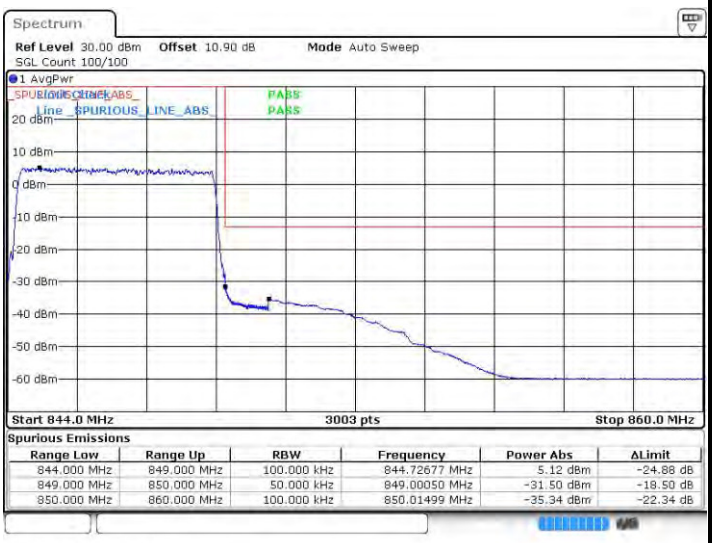


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.92408 MHz	-34.79 dBm	-21.79 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-30.29 dBm	-17.29 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.36214 MHz	5.48 dBm	-24.52 dB

Date: 21.MAY.2016 21:45:30

Highest Band Edge / Full RB



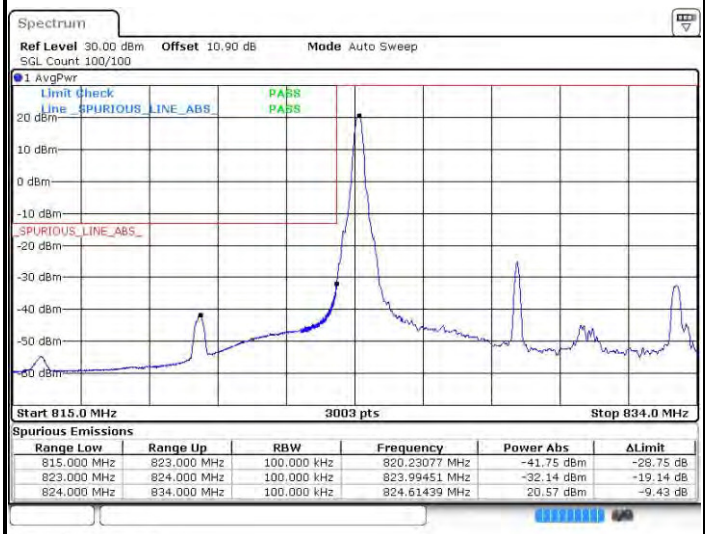
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	844.72677 MHz	5.12 dBm	-24.88 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-31.50 dBm	-18.50 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-35.34 dBm	-22.34 dB

Date: 21.MAY.2016 21:58:42

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

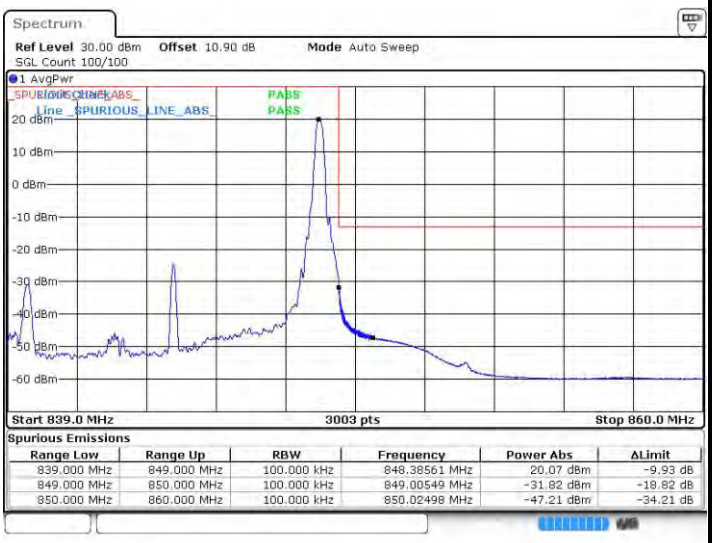


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.23077 MHz	-41.75 dBm	-28.75 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-32.14 dBm	-19.14 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	20.57 dBm	-9.43 dB

Date: 21.MAY.2016 22:03:15

Highest Band Edge / 1 RB

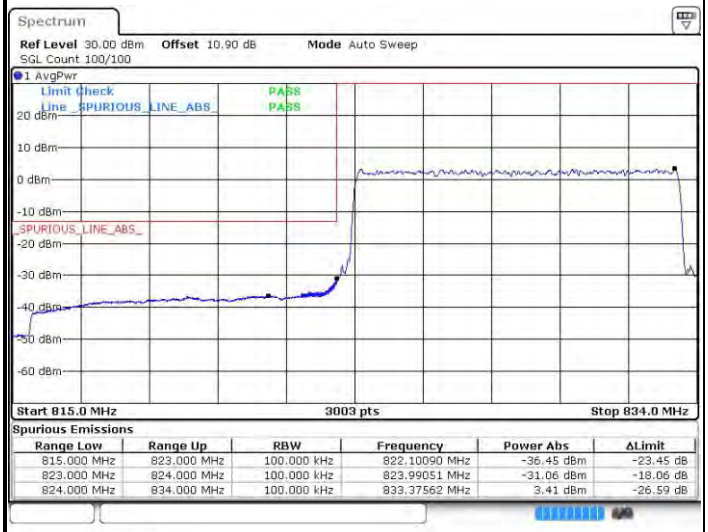


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.38561 MHz	20.07 dBm	-9.93 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00549 MHz	-31.82 dBm	-18.82 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-47.21 dBm	-34.21 dB

Date: 21.MAY.2016 22:16:27

Lowest Band Edge / Full RB

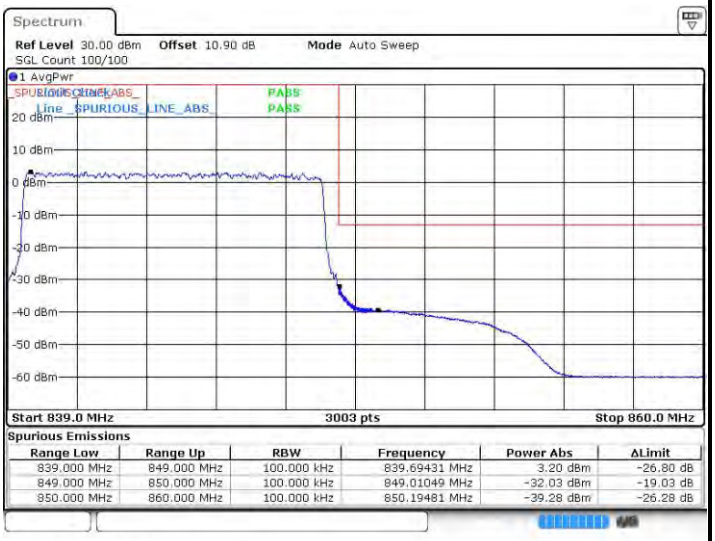


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.10090 MHz	-36.45 dBm	-23.45 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99051 MHz	-31.06 dBm	-18.06 dB
824.000 MHz	834.000 MHz	100.000 kHz	833.37562 MHz	3.41 dBm	-26.59 dB

Date: 21.MAY.2016 22:07:20

Highest Band Edge / Full RB



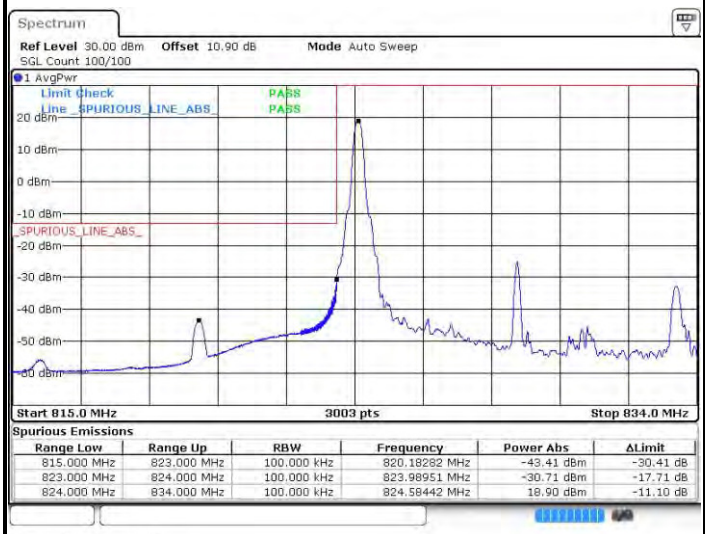
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	839.69431 MHz	3.20 dBm	-26.80 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01049 MHz	-32.03 dBm	-19.03 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.19481 MHz	-39.28 dBm	-26.28 dB

Date: 21.MAY.2016 22:20:32

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

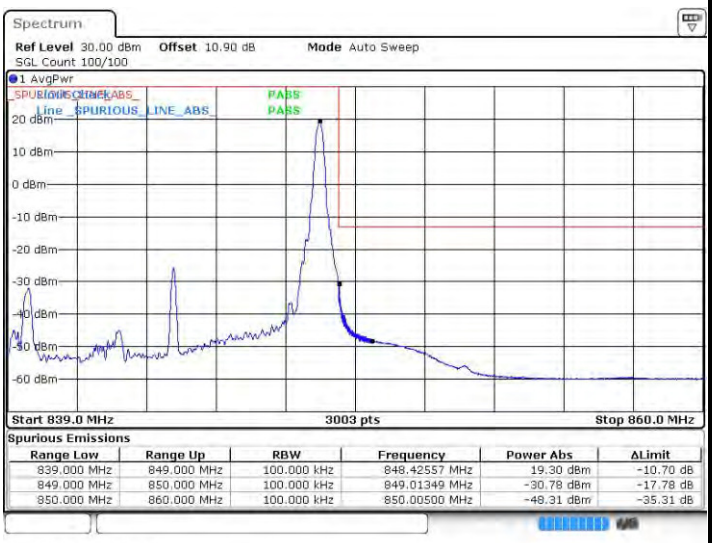


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	820.18282 MHz	-43.41 dBm	-30.41 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98951 MHz	-30.71 dBm	-17.71 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.58442 MHz	18.90 dBm	-11.10 dB

Date: 21.MAY.2016 22:05:18

Highest Band Edge / 1 RB

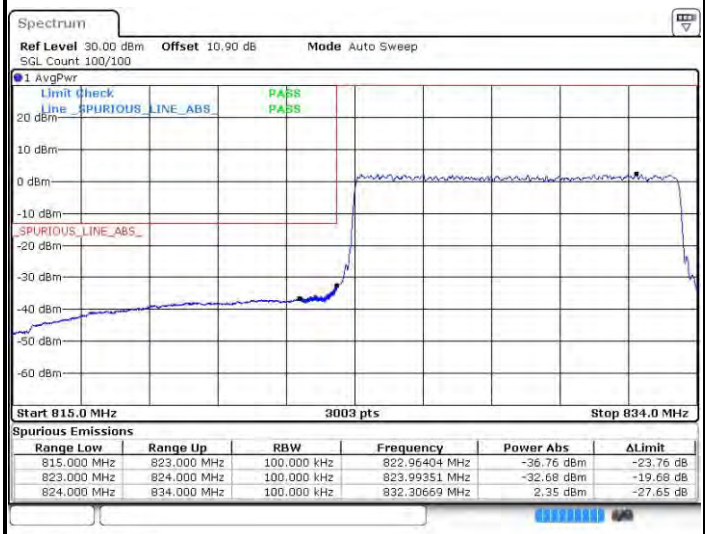


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.42557 MHz	19.30 dBm	-10.70 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01349 MHz	-30.78 dBm	-17.78 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-48.31 dBm	-35.31 dB

Date: 21.MAY.2016 22:18:29

Lowest Band Edge / Full RB

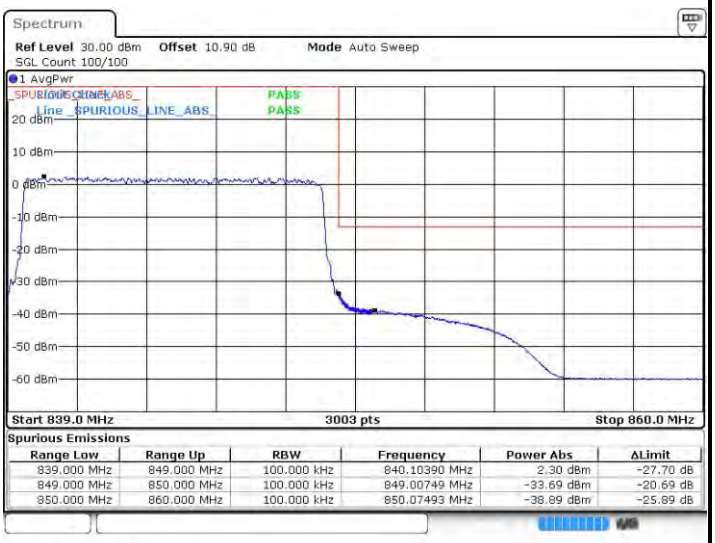


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-36.76 dBm	-23.76 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99351 MHz	-32.68 dBm	-19.68 dB
824.000 MHz	834.000 MHz	100.000 kHz	832.30669 MHz	2.35 dBm	-27.65 dB

Date: 21.MAY.2016 22:09:22

Highest Band Edge / Full RB



Spurious Emissions

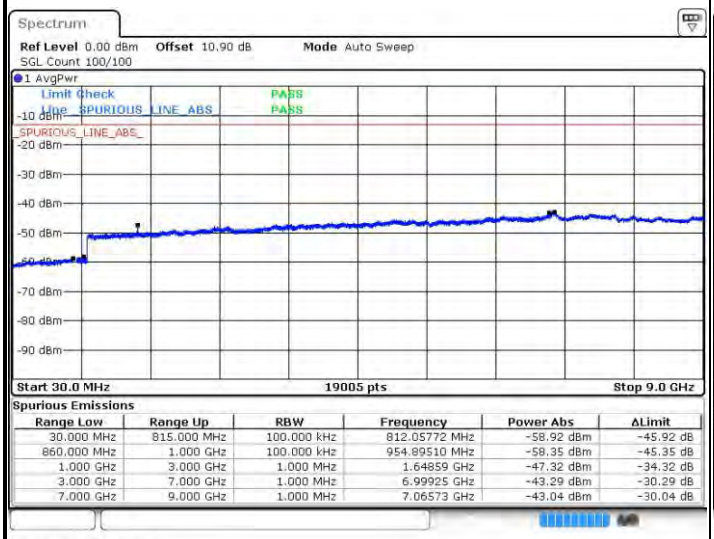
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.10390 MHz	2.30 dBm	-27.70 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00749 MHz	-33.69 dBm	-20.69 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.07493 MHz	-38.89 dBm	-25.89 dB

Date: 21.MAY.2016 22:22:34

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

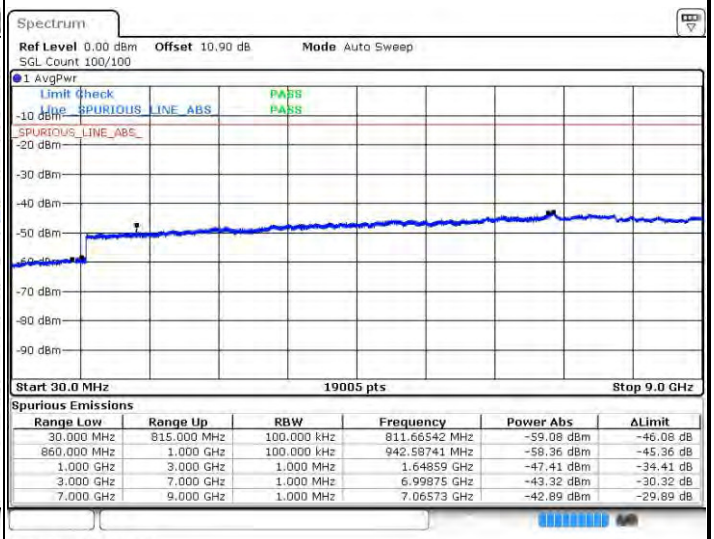


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.05772 MHz	-58.92 dBm	-45.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	954.89510 MHz	-58.35 dBm	-45.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-43.29 dBm	-30.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06573 GHz	-43.04 dBm	-30.04 dB

Date: 21.MAY.2016 20:58:42

Lowest Channel / 16QAM

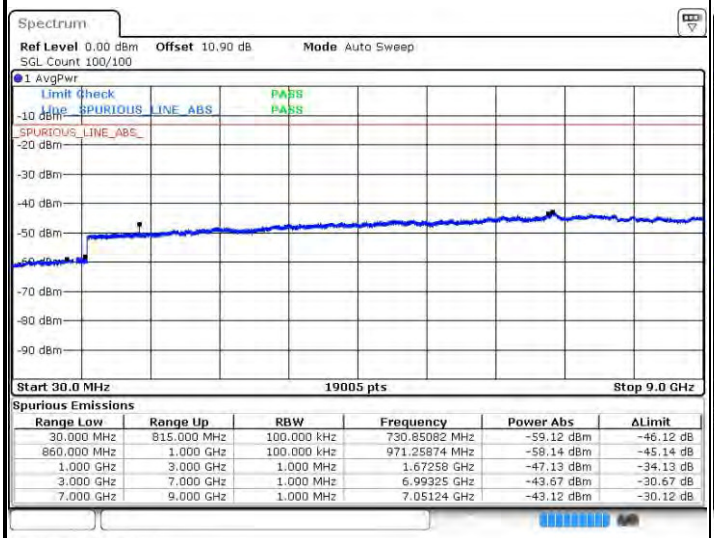


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.66542 MHz	-59.08 dBm	-46.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	942.58741 MHz	-58.36 dBm	-45.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.41 dBm	-34.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.32 dBm	-30.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06573 GHz	-42.89 dBm	-29.89 dB

Date: 21.MAY.2016 20:59:36

Middle Channel / QPSK

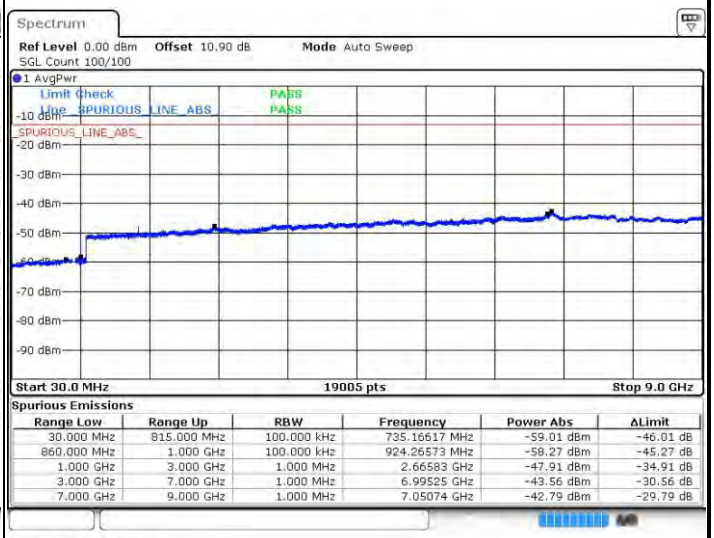


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	730.85082 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	971.25874 MHz	-59.14 dBm	-45.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-43.67 dBm	-30.67 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05124 GHz	-43.12 dBm	-30.12 dB

Date: 21.MAY.2016 21:01:13

Middle Channel / 16QAM



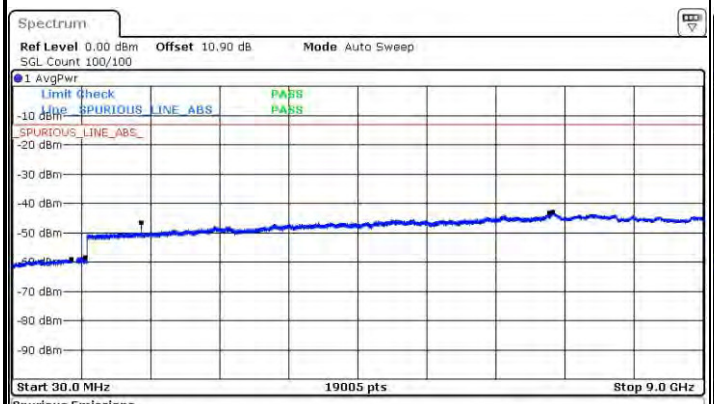
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.16617 MHz	-59.01 dBm	-46.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	924.26573 MHz	-58.27 dBm	-45.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.66583 GHz	-47.91 dBm	-34.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.56 dBm	-30.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05074 GHz	-42.79 dBm	-29.79 dB

Date: 21.MAY.2016 21:02:08

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

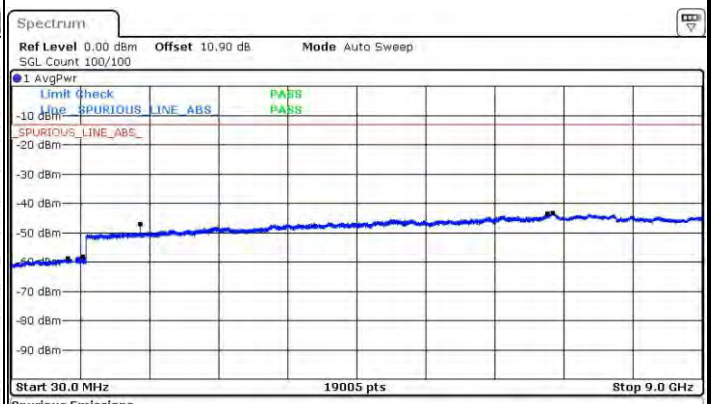


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	795.58096 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	974.61538 MHz	-58.38 dBm	-45.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.44 dBm	-33.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.41 dBm	-30.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04874 GHz	-43.11 dBm	-30.11 dB

Date: 21.MAY.2016 21:11:54

Highest Channel / 16QAM



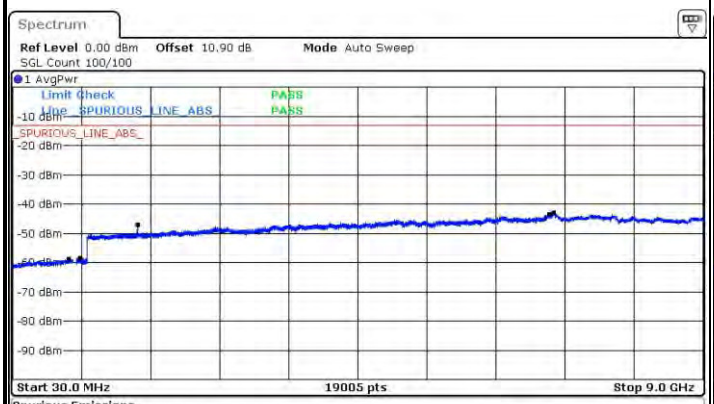
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	753.99675 MHz	-58.69 dBm	-45.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	945.24476 MHz	-58.29 dBm	-45.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-47.29 dBm	-34.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-43.55 dBm	-30.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05474 GHz	-43.14 dBm	-30.14 dB

Date: 21.MAY.2016 21:12:48

LTE Band 5 / 3MHz

Lowest Channel / QPSK

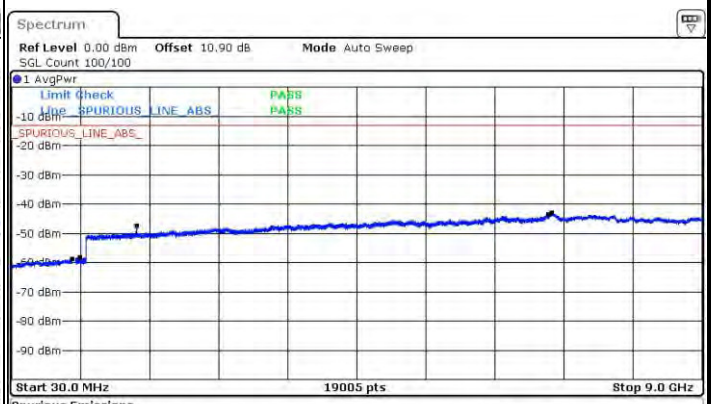


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	757.52749 MHz	-58.90 dBm	-45.90 dB
860.000 MHz	1.000 GHz	100.000 kHz	900.34965 MHz	-58.45 dBm	-45.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.16 dBm	-34.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-43.58 dBm	-30.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06173 GHz	-43.12 dBm	-30.12 dB

Date: 21.MAY.2016 21:22:34

Lowest Channel / 16QAM



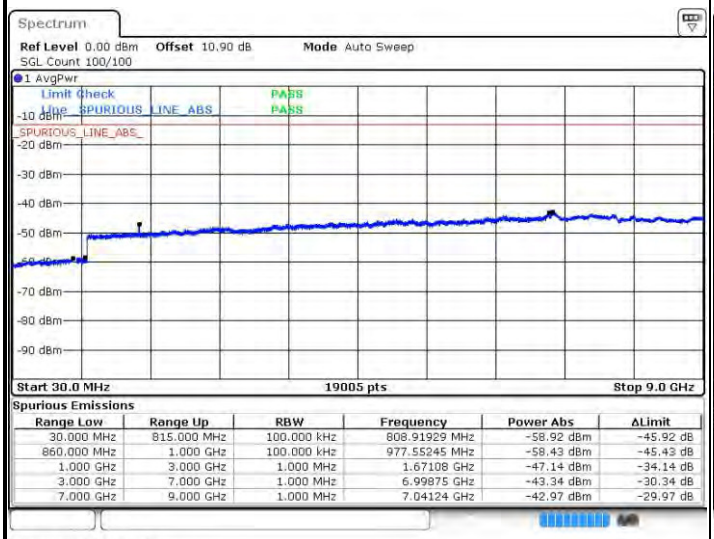
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-58.80 dBm	-45.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	918.53147 MHz	-58.24 dBm	-45.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.58 dBm	-34.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.48 dBm	-30.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05174 GHz	-42.95 dBm	-29.95 dB

Date: 21.MAY.2016 21:23:28

LTE Band 5 / 3MHz

Middle Channel / QPSK

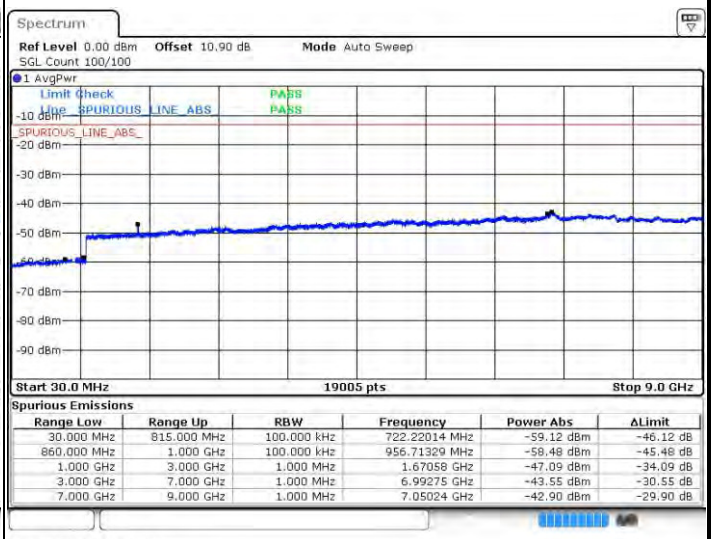


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-58.92 dBm	-45.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	977.55245 MHz	-58.43 dBm	-45.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.34 dBm	-30.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04124 GHz	-42.97 dBm	-29.97 dB

Date: 21.MAY.2016 21:25:04

Middle Channel / 16QAM

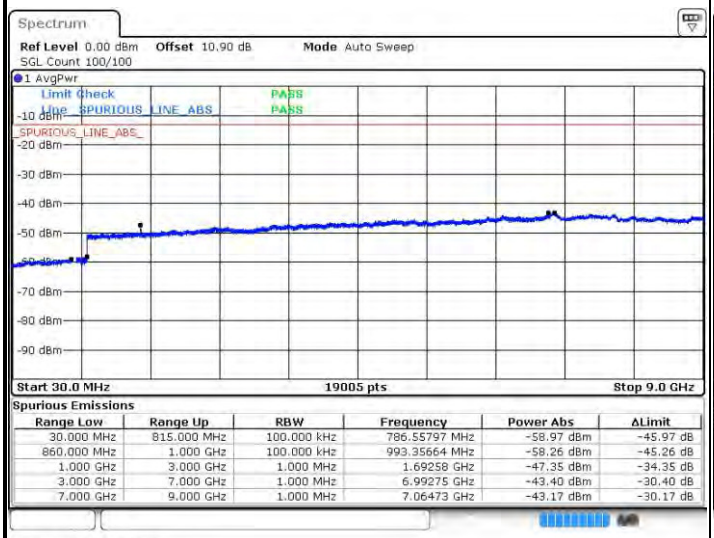


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	722.22014 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	956.71329 MHz	-58.48 dBm	-45.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-43.55 dBm	-30.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05024 GHz	-42.90 dBm	-29.90 dB

Date: 21.MAY.2016 21:25:58

Highest Channel / QPSK

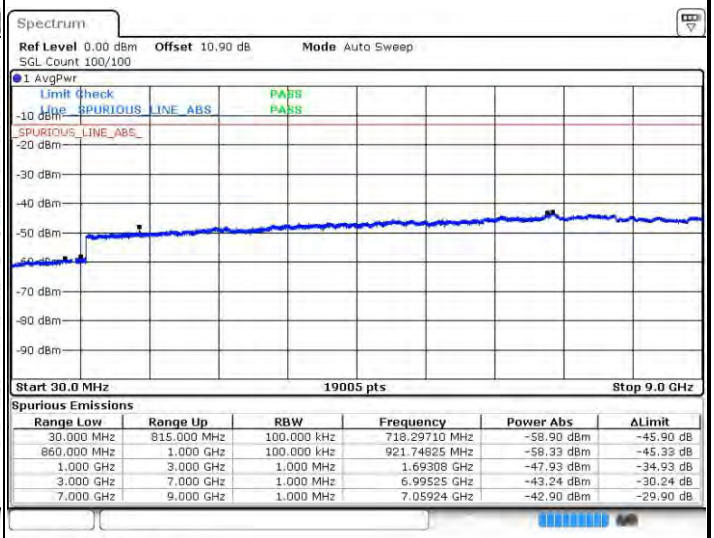


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	786.55797 MHz	-58.97 dBm	-45.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.35664 MHz	-58.26 dBm	-45.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-47.35 dBm	-34.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-43.40 dBm	-30.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06473 GHz	-43.17 dBm	-30.17 dB

Date: 21.MAY.2016 21:35:45

Highest Channel / 16QAM



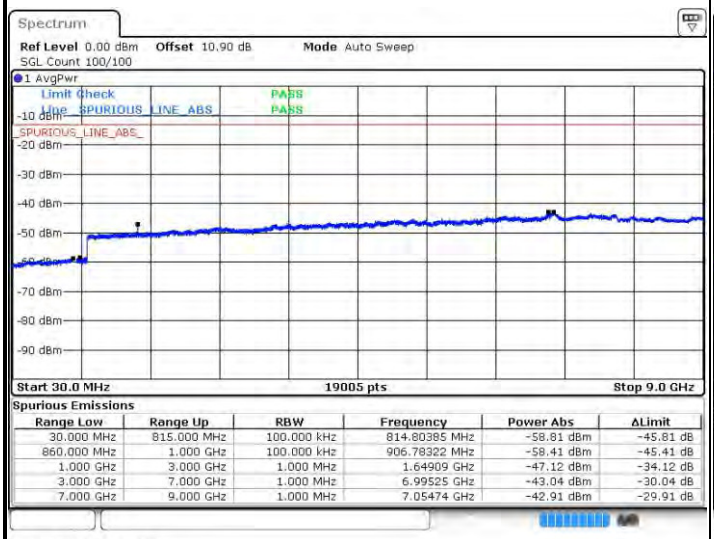
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	718.29710 MHz	-58.90 dBm	-45.90 dB
860.000 MHz	1.000 GHz	100.000 kHz	921.74825 MHz	-58.33 dBm	-45.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-47.93 dBm	-34.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.24 dBm	-30.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05924 GHz	-42.90 dBm	-29.90 dB

Date: 21.MAY.2016 21:36:39

LTE Band 5 / 5MHz

Lowest Channel / QPSK

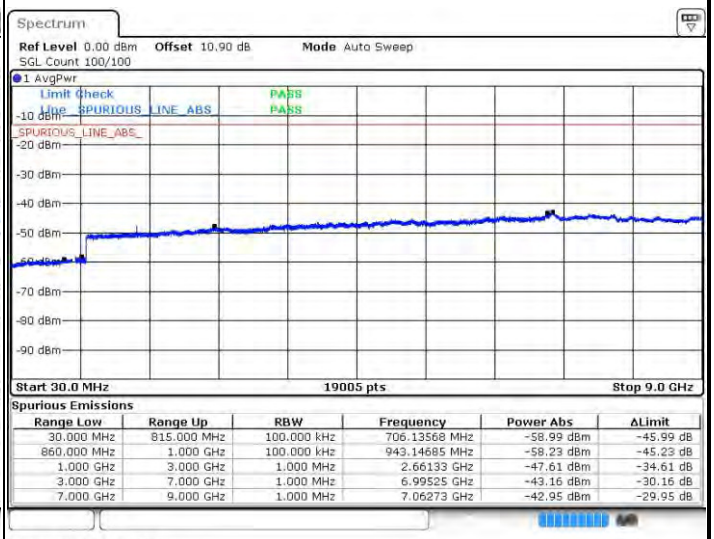


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-58.81 dBm	-45.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	906.78322 MHz	-58.41 dBm	-45.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.04 dBm	-30.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05474 GHz	-42.91 dBm	-29.91 dB

Date: 21.MAY.2016 21:46:25

Lowest Channel / 16QAM

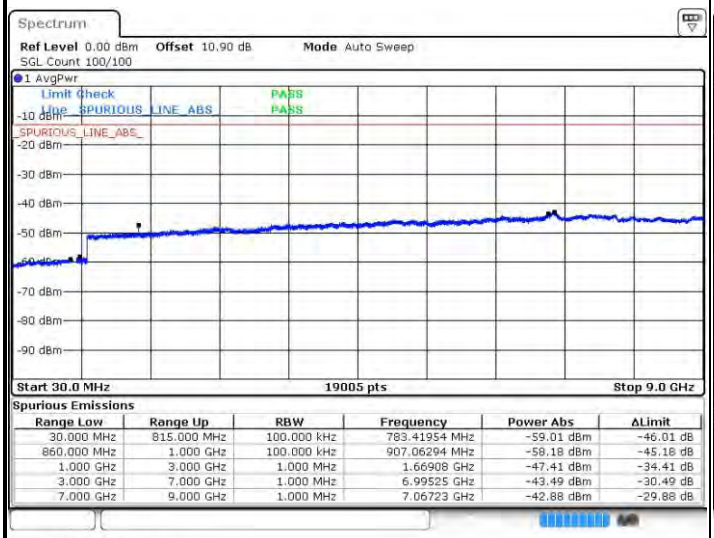


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	706.13568 MHz	-58.99 dBm	-45.99 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.14685 MHz	-58.23 dBm	-45.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.66133 GHz	-47.61 dBm	-34.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.16 dBm	-30.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06273 GHz	-42.95 dBm	-29.95 dB

Date: 21.MAY.2016 21:47:20

Middle Channel / QPSK

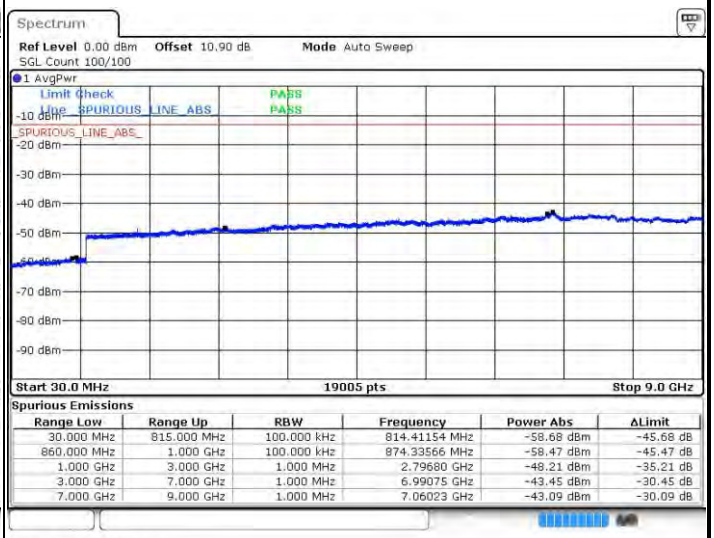


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	783.41954 MHz	-59.01 dBm	-46.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	907.06294 MHz	-58.18 dBm	-45.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-47.41 dBm	-34.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.49 dBm	-30.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06723 GHz	-42.88 dBm	-29.88 dB

Date: 21.MAY.2016 21:48:56

Middle Channel / 16QAM



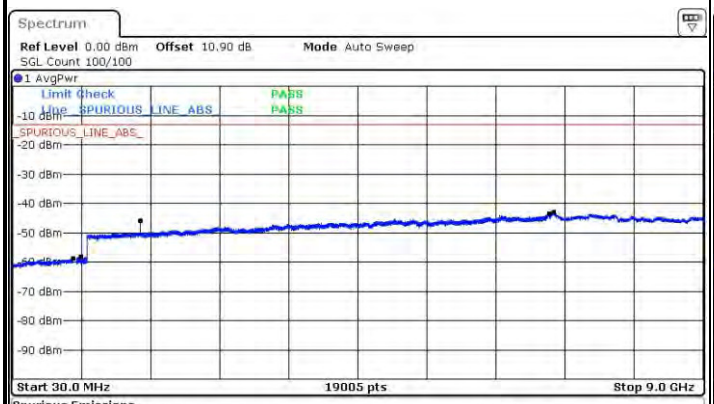
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.68 dBm	-45.68 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.33566 MHz	-58.47 dBm	-45.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.79680 GHz	-48.21 dBm	-35.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-43.45 dBm	-30.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06023 GHz	-43.09 dBm	-30.09 dB

Date: 21.MAY.2016 21:49:51

LTE Band 5 / 5MHz

Highest Channel / QPSK

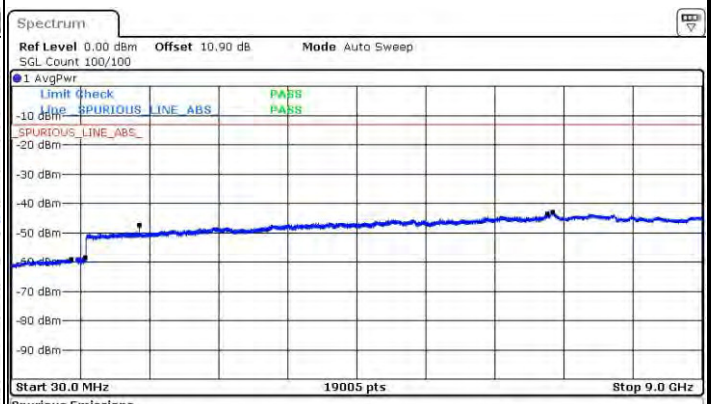


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-58.92 dBm	-45.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.65035 MHz	-58.33 dBm	-45.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-45.98 dBm	-32.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.47 dBm	-30.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05324 GHz	-43.07 dBm	-30.07 dB

Date: 21.MAY.2016 21:59:37

Highest Channel / 16QAM



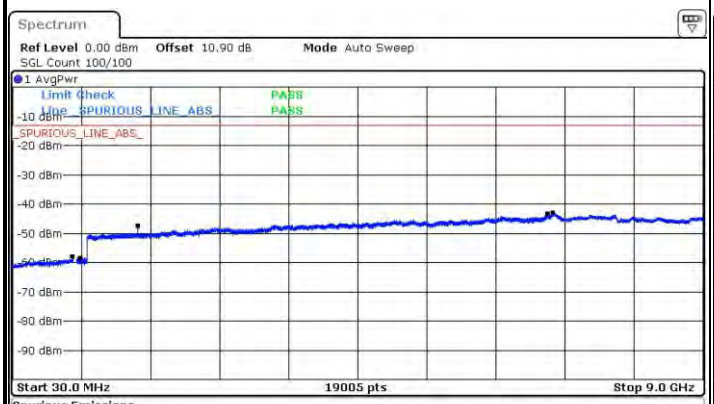
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.11169 MHz	-59.05 dBm	-46.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	978.53147 MHz	-58.51 dBm	-45.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-47.44 dBm	-34.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-43.45 dBm	-30.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05374 GHz	-43.07 dBm	-30.07 dB

Date: 21.MAY.2016 22:00:31

LTE Band 5 / 10MHz

Lowest Channel / QPSK

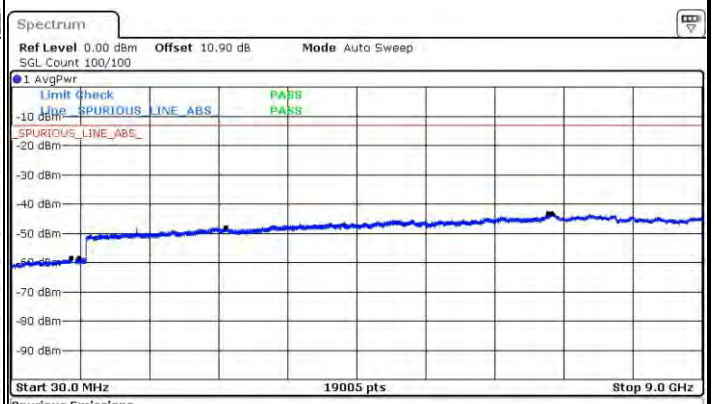


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.95777 MHz	-58.03 dBm	-45.03 dB
860.000 MHz	1.000 GHz	100.000 kHz	905.24476 MHz	-58.43 dBm	-45.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-43.27 dBm	-30.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05024 GHz	-43.10 dBm	-30.10 dB

Date: 21.MAY.2016 22:10:17

Lowest Channel / 16QAM



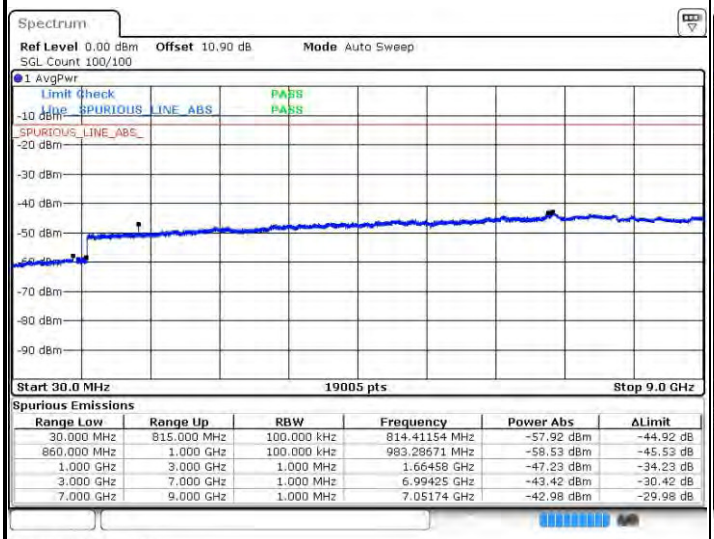
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.95777 MHz	-58.58 dBm	-45.58 dB
860.000 MHz	1.000 GHz	100.000 kHz	905.66434 MHz	-58.47 dBm	-45.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80730 GHz	-48.08 dBm	-35.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.28 dBm	-30.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04674 GHz	-43.15 dBm	-30.15 dB

Date: 21.MAY.2016 22:11:12

LTE Band 5 / 10MHz

Middle Channel / QPSK

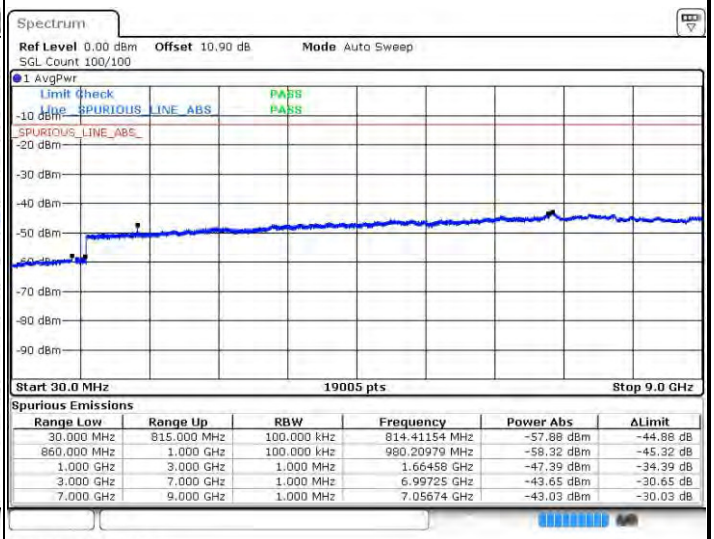


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.92 dBm	-44.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	983.28671 MHz	-58.53 dBm	-45.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-43.42 dBm	-30.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05174 GHz	-42.98 dBm	-29.98 dB

Date: 21.MAY.2016 22:12:49

Middle Channel / 16QAM

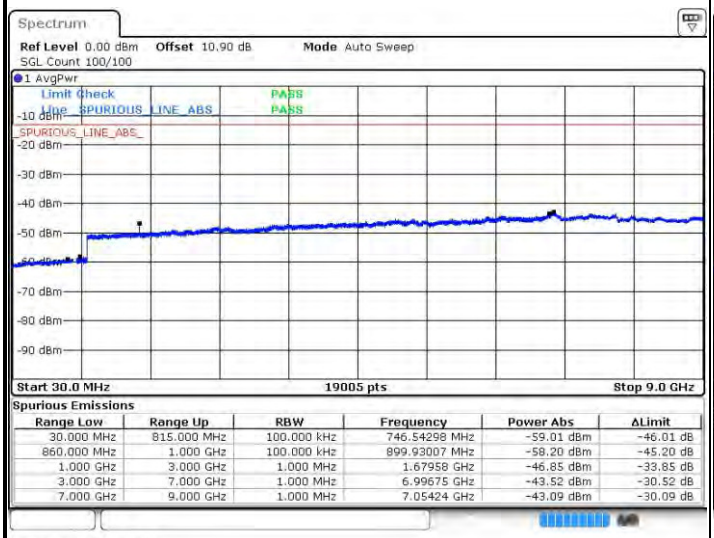


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.88 dBm	-44.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	980.20979 MHz	-58.32 dBm	-45.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-47.39 dBm	-34.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.65 dBm	-30.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05674 GHz	-43.03 dBm	-30.03 dB

Date: 21.MAY.2016 22:13:43

Highest Channel / QPSK

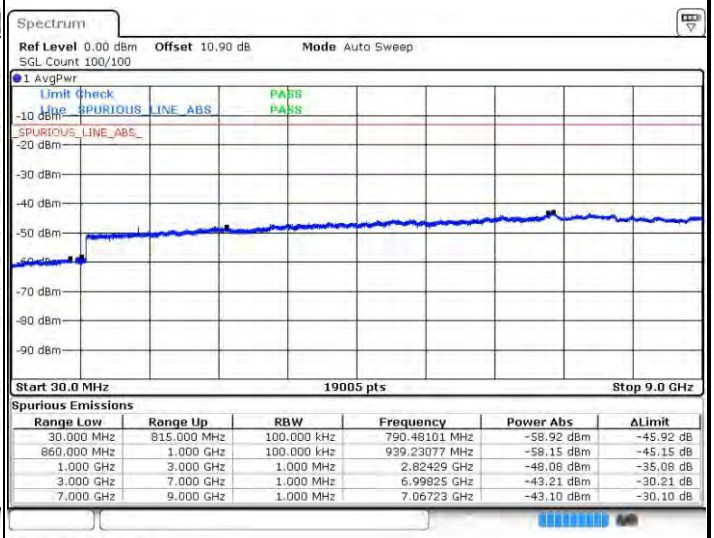


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	746.54298 MHz	-59.01 dBm	-46.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	899.93007 MHz	-58.20 dBm	-45.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-43.52 dBm	-30.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05424 GHz	-43.09 dBm	-30.09 dB

Date: 21.MAY.2016 22:23:29

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	790.48101 MHz	-58.92 dBm	-45.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	939.23077 MHz	-58.15 dBm	-45.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82429 GHz	-48.08 dBm	-35.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-43.21 dBm	-30.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06723 GHz	-43.10 dBm	-30.10 dB

Date: 21.MAY.2016 22:24:24

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	0.0149	PASS
40	Normal Voltage	0.0143	
30	Normal Voltage	0.0151	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0147	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0121	
-30	Normal Voltage	0.0130	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3 V.；Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

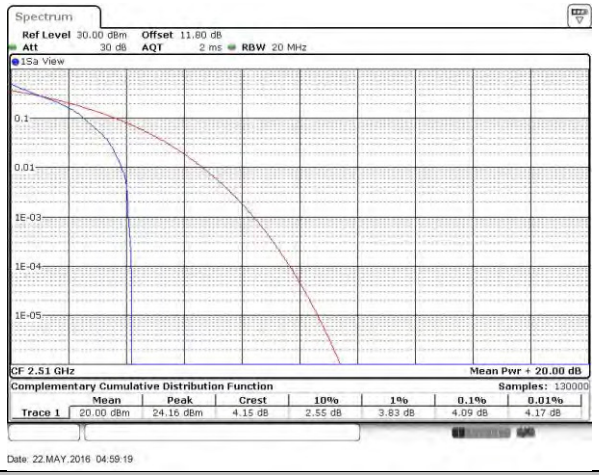
LTE Band 7

Peak-to-Average Ratio

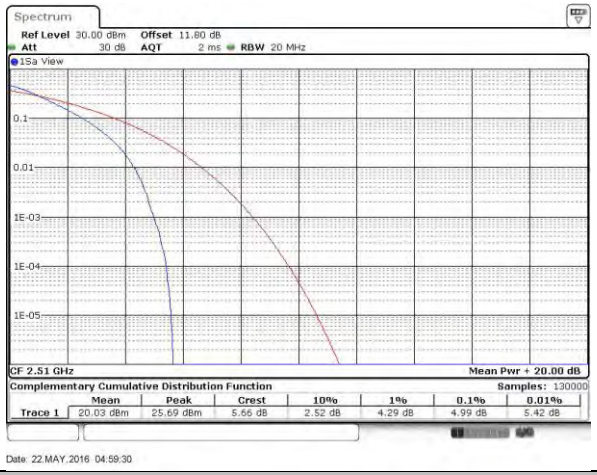
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.09	4.99	4.9	5.97	PASS
Middle CH	4.14	5.1	5.3	6.12	
Highest CH	4.17	5.04	4.9	5.94	

LTE Band 7 / 20MHz / QPSK

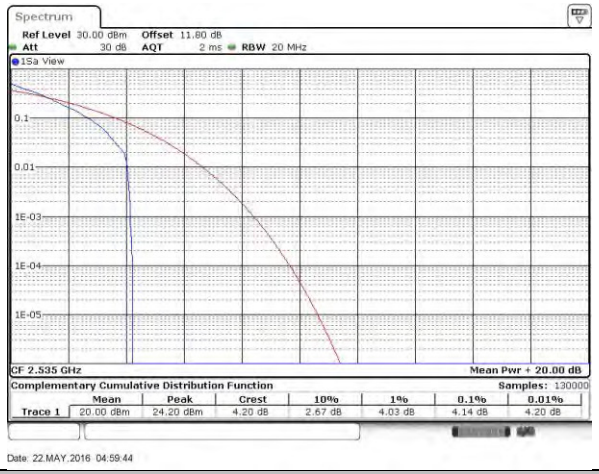
Lowest Channel / 1RB



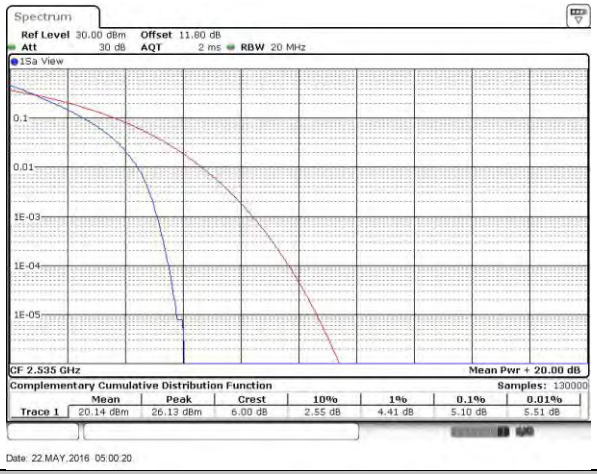
Lowest Channel / Full RB



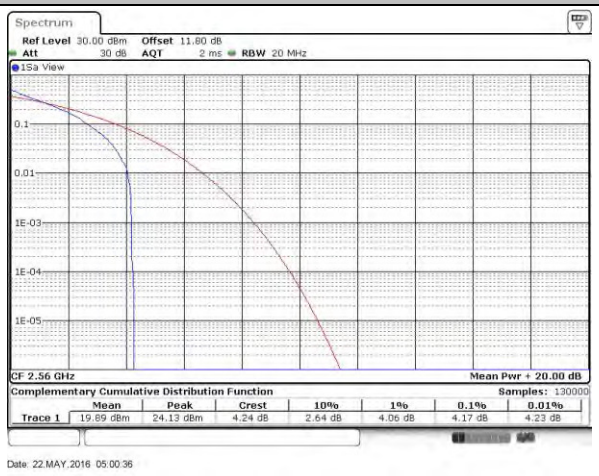
Middle Channel / 1RB



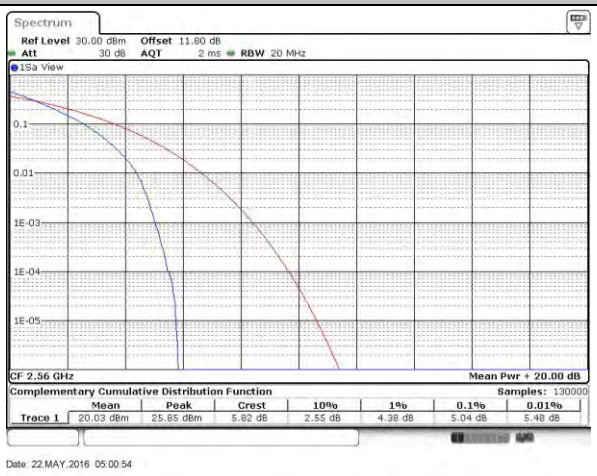
Middle Channel / Full RB



Highest Channel / 1RB

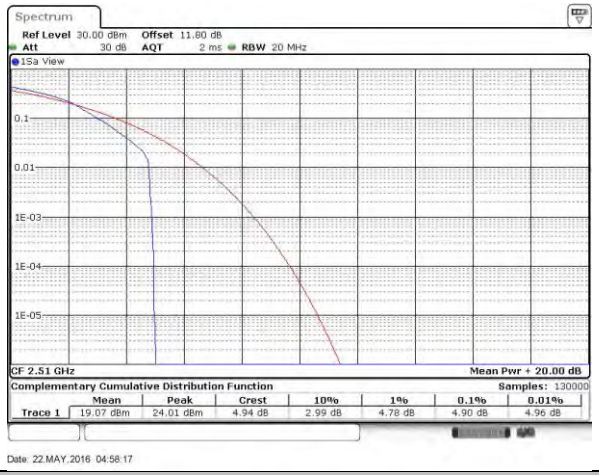


Highest Channel / Full RB

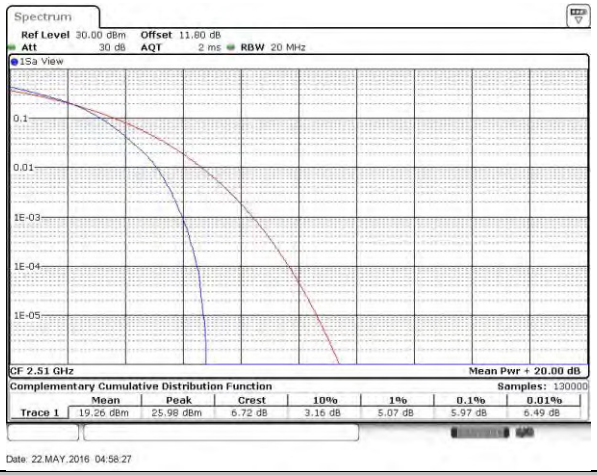


LTE Band 7 / 20MHz / 16QAM

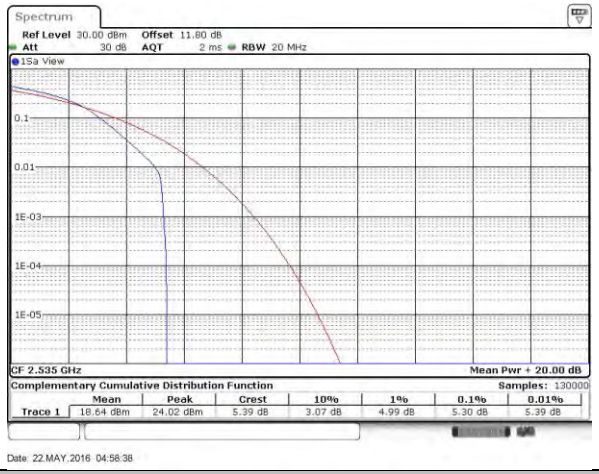
Lowest Channel / 1RB



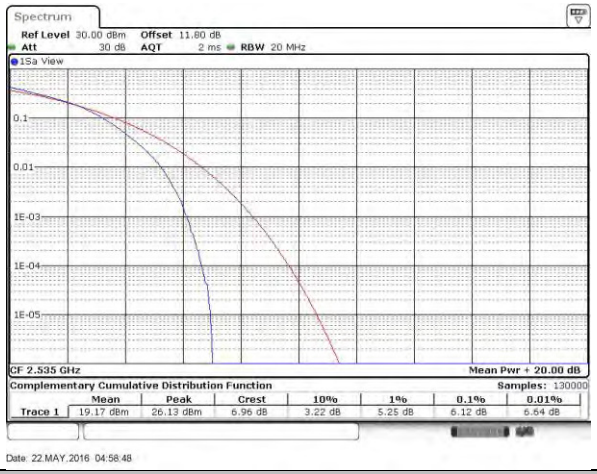
Lowest Channel / Full RB



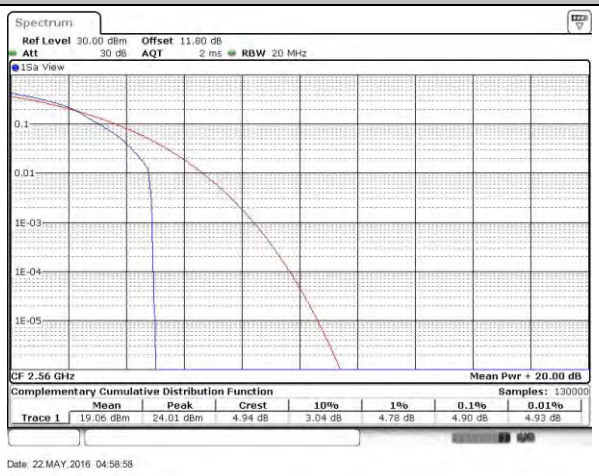
Middle Channel / 1RB



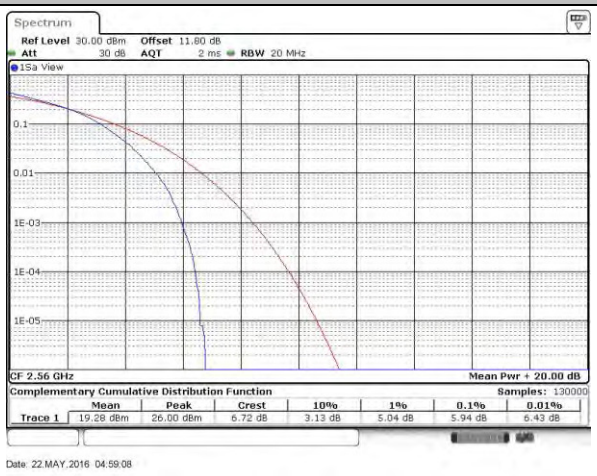
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

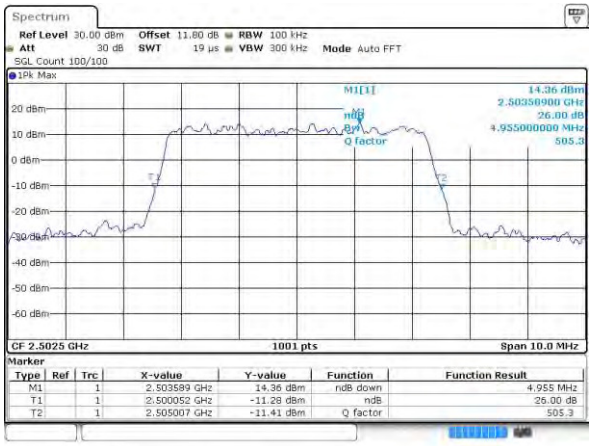


26dB Bandwidth

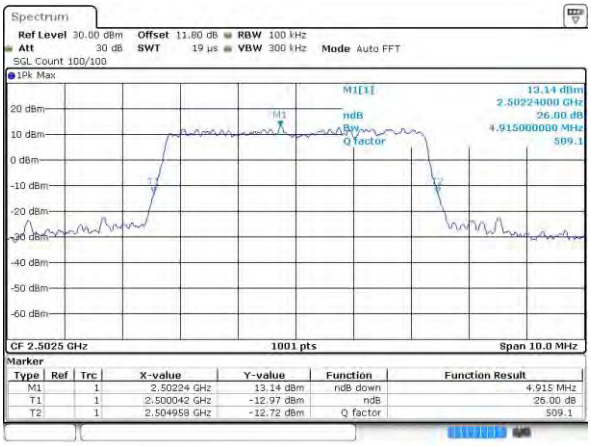
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.96	4.92	9.89	9.65	14.39	14.45	20.14	20.22
Middle CH	-	-	-	-	4.84	4.96	9.89	9.75	14.54	14.48	20.3	20.34
Highest CH	-	-	-	-	4.99	4.92	9.79	9.83	14.48	14.42	20.14	20.26

LTE Band 7

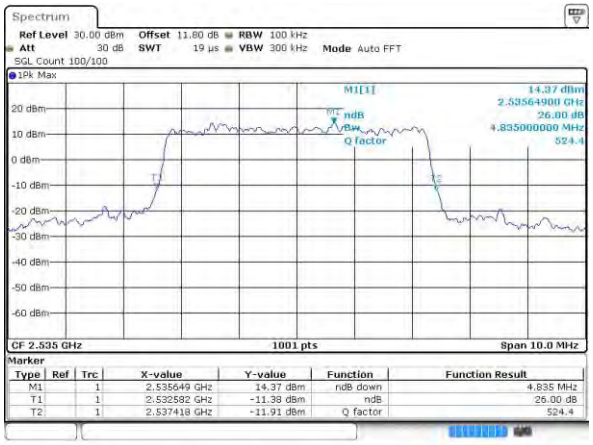
Lowest Channel / 5MHz / QPSK



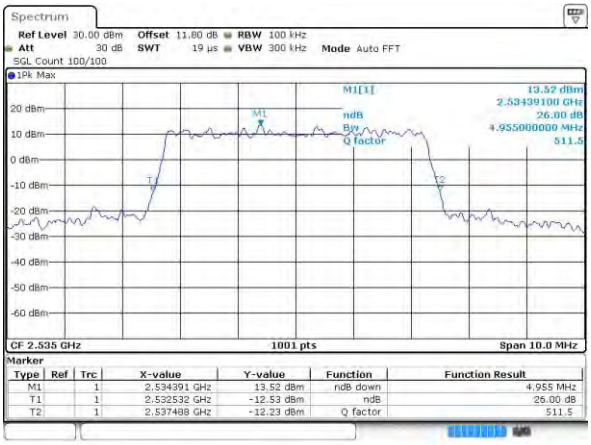
Lowest Channel / 5MHz / 16QAM



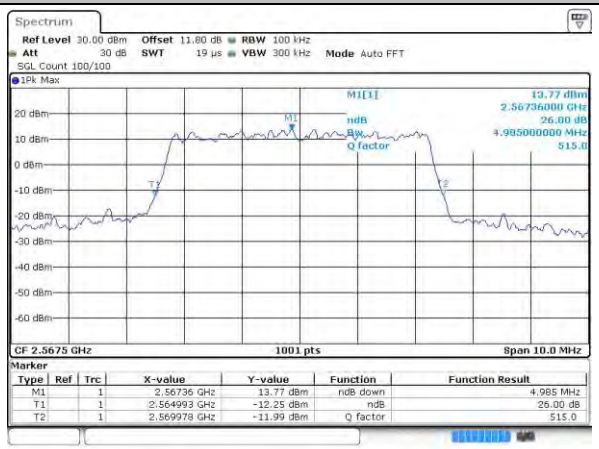
Middle Channel / 5MHz / QPSK



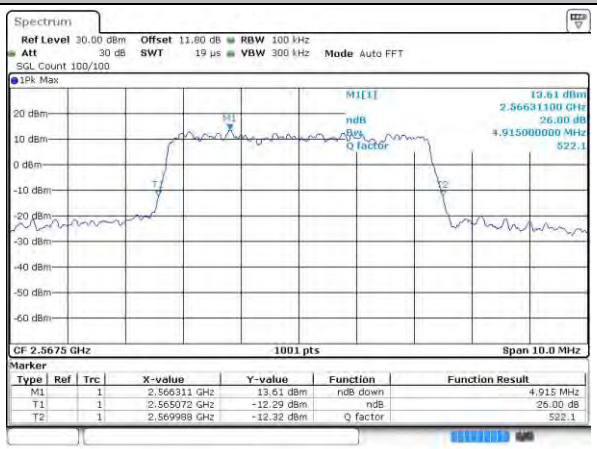
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

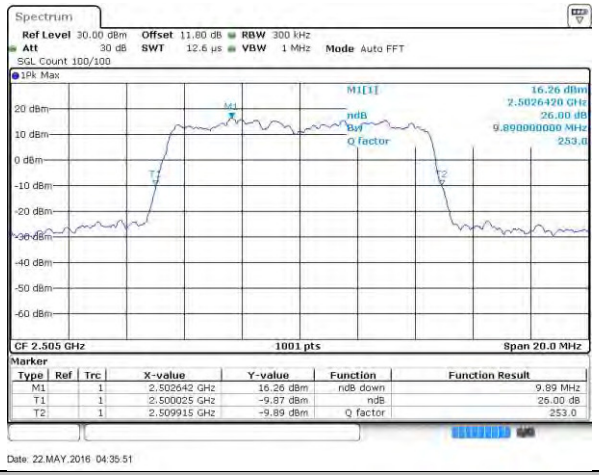


Highest Channel / 5MHz / 16QAM

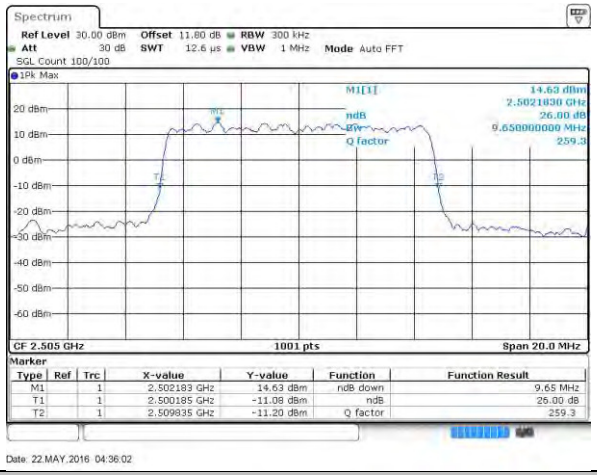


LTE Band 7

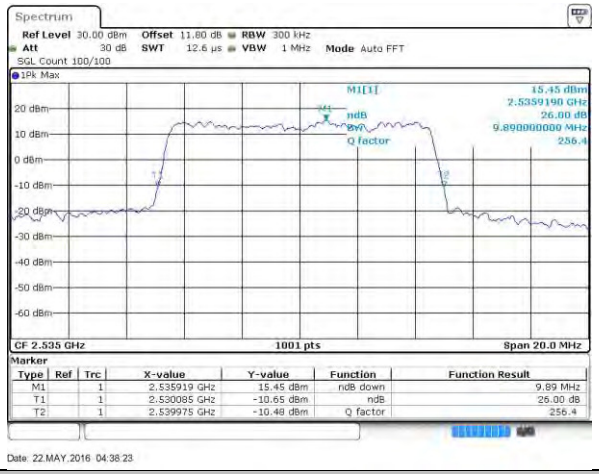
Lowest Channel / 10MHz / QPSK



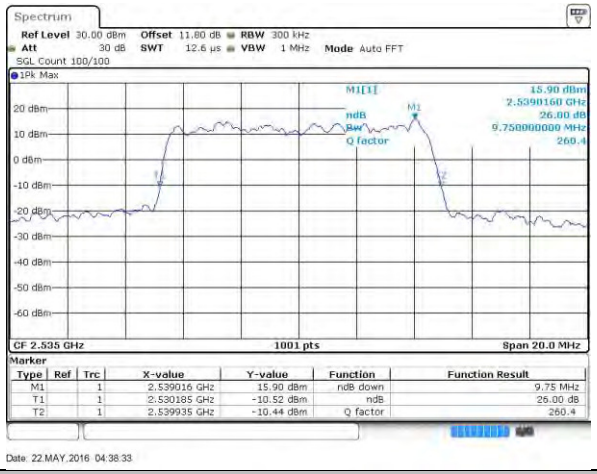
Lowest Channel / 10MHz / 16QAM



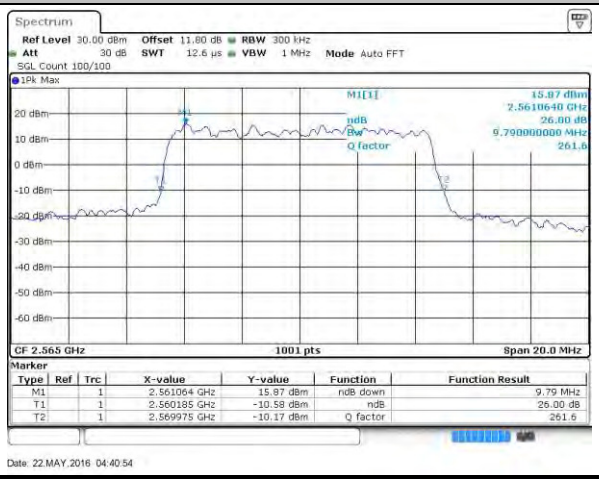
Middle Channel / 10MHz / QPSK



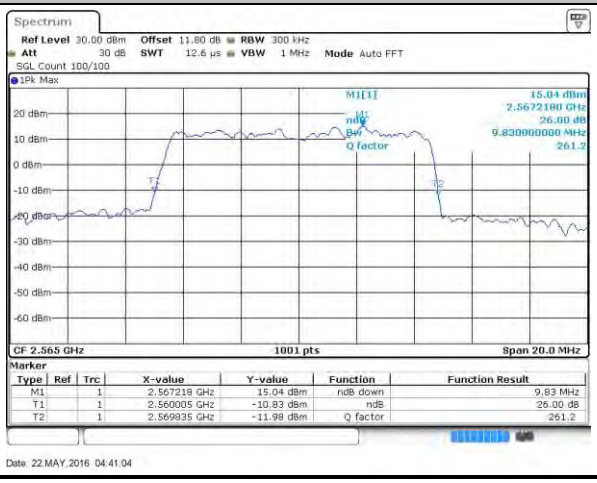
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

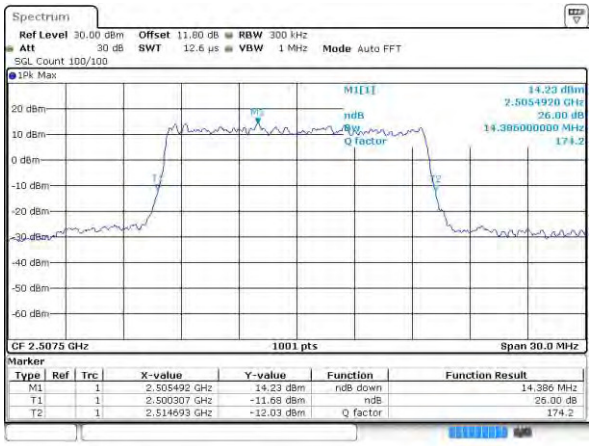


Highest Channel / 10MHz / 16QAM

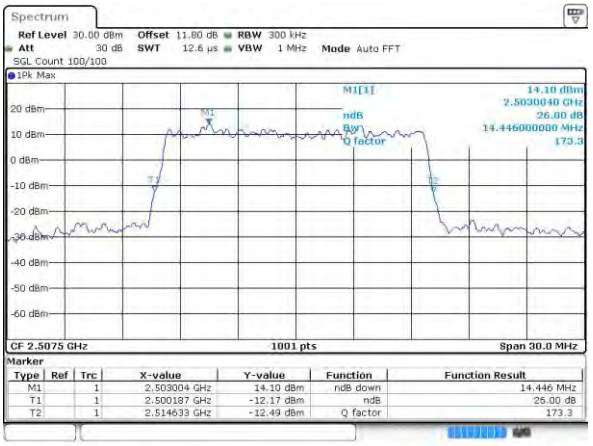


LTE Band 7

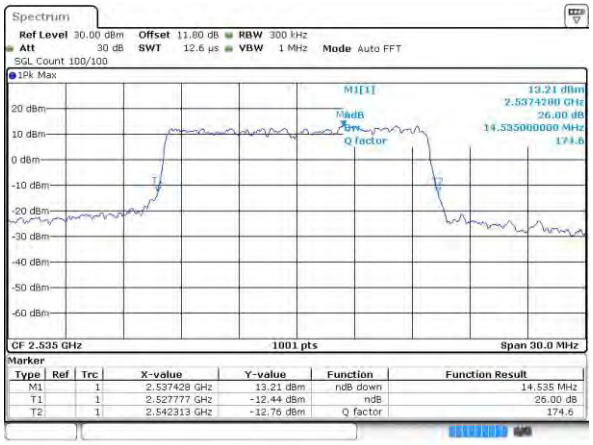
Lowest Channel / 15MHz / QPSK



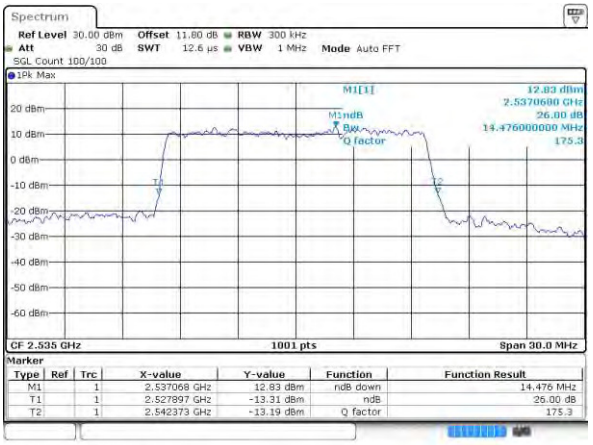
Lowest Channel / 15MHz / 16QAM



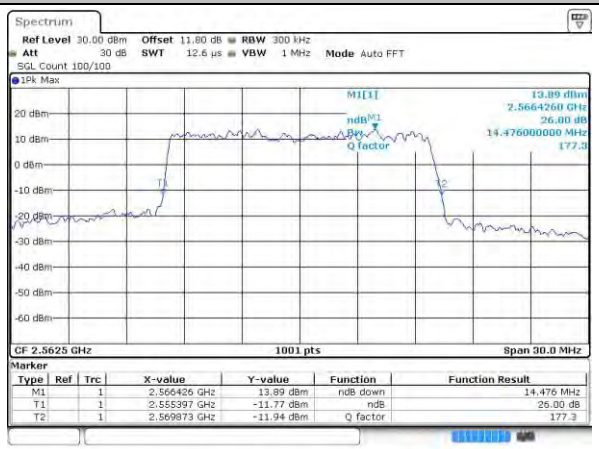
Middle Channel / 15MHz / QPSK



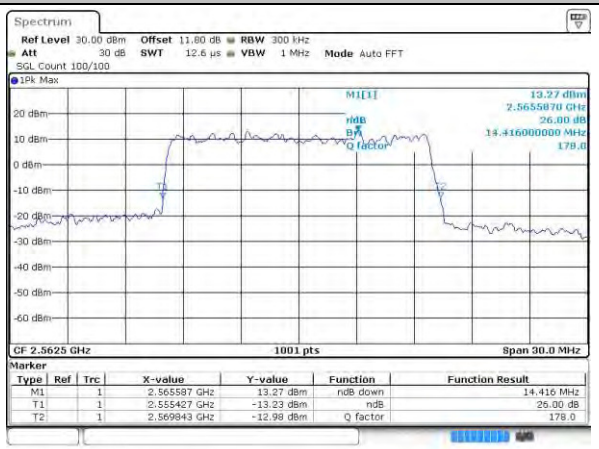
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

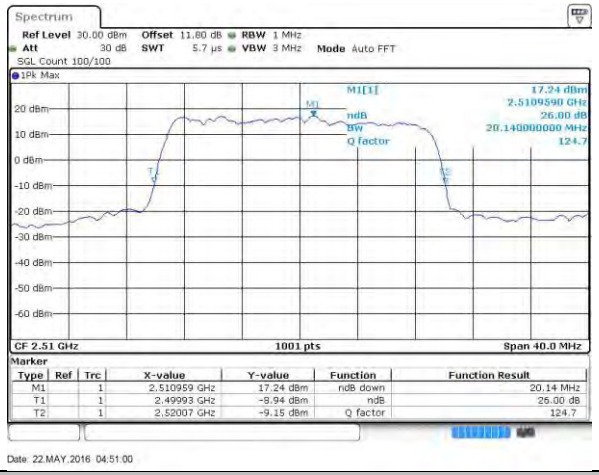


Highest Channel / 15MHz / 16QAM

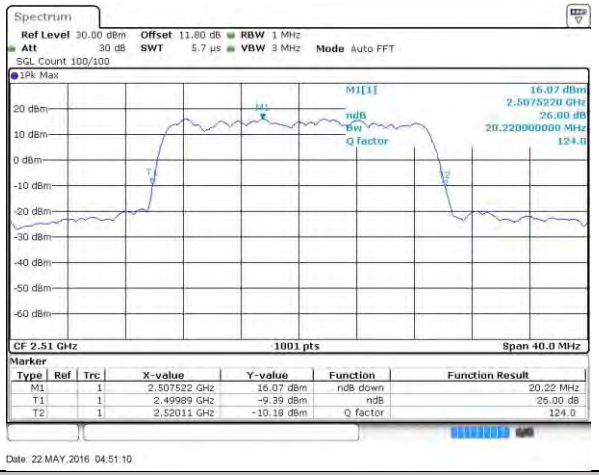


LTE Band 7

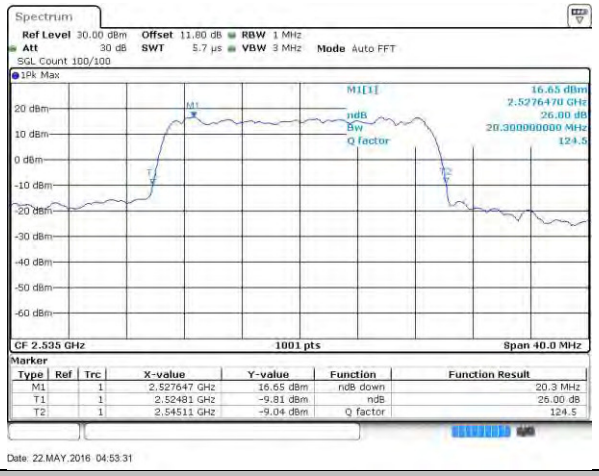
Lowest Channel / 20MHz / QPSK



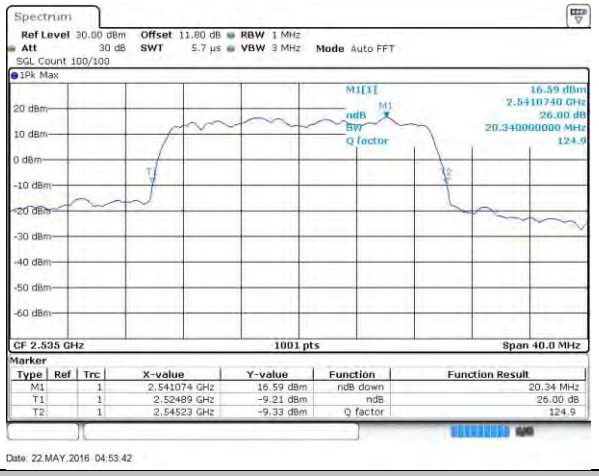
Lowest Channel / 20MHz / 16QAM



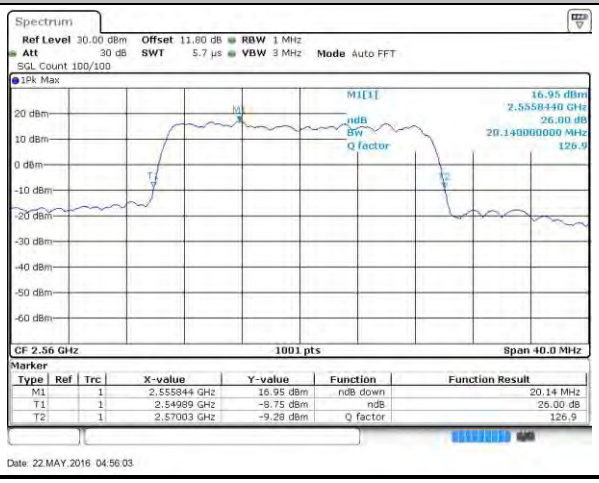
Middle Channel / 20MHz / QPSK



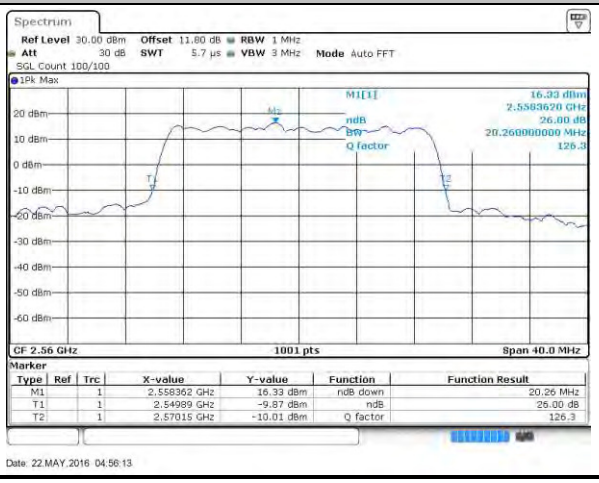
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

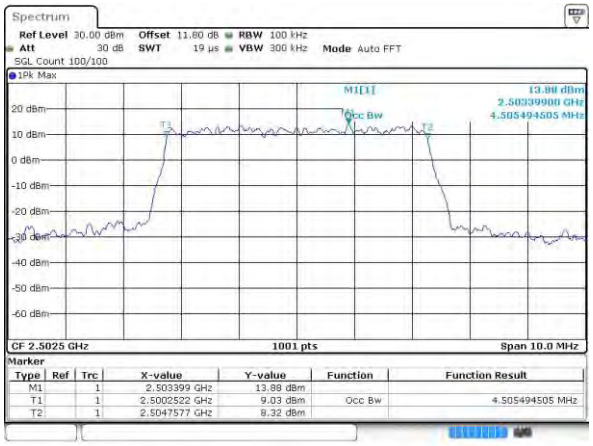


Occupied Bandwidth

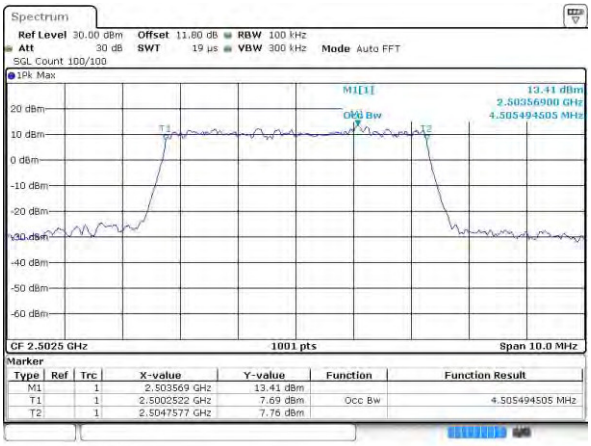
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.03	9.05	13.43	13.37	18.46	18.22
Middle CH	-	-	-	-	4.52	4.51	9.09	8.99	13.46	13.46	18.46	18.5
Highest CH	-	-	-	-	4.52	4.5	9.01	9.07	13.52	13.43	18.38	18.42

LTE Band 7

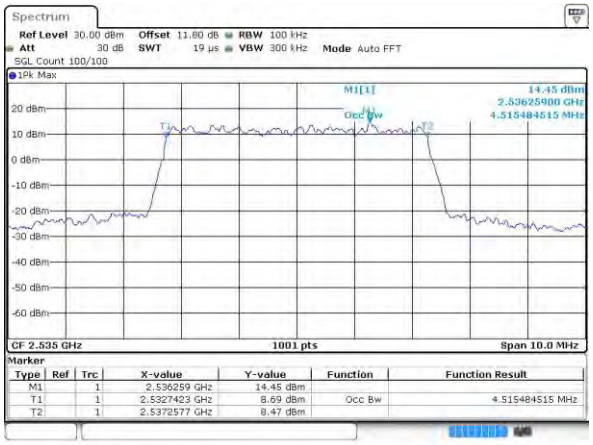
Lowest Channel / 5MHz / QPSK



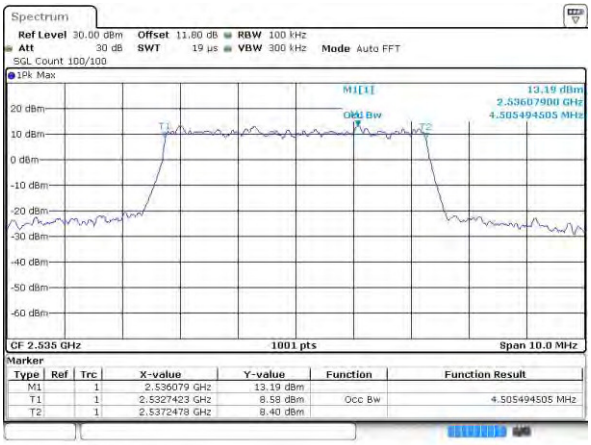
Lowest Channel / 5MHz / 16QAM



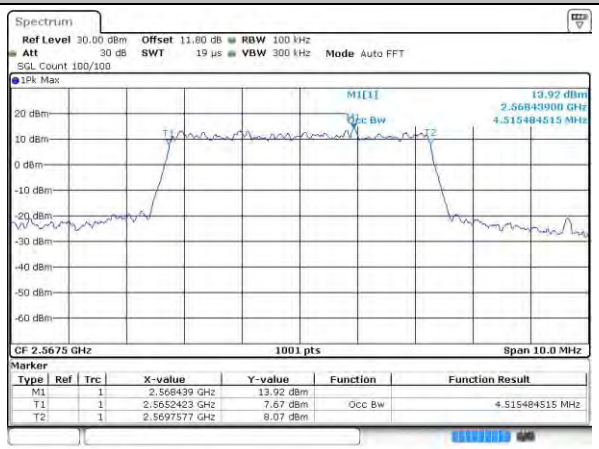
Middle Channel / 5MHz / QPSK



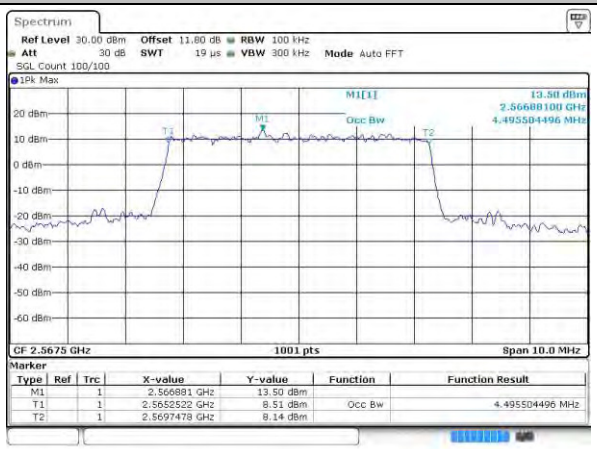
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

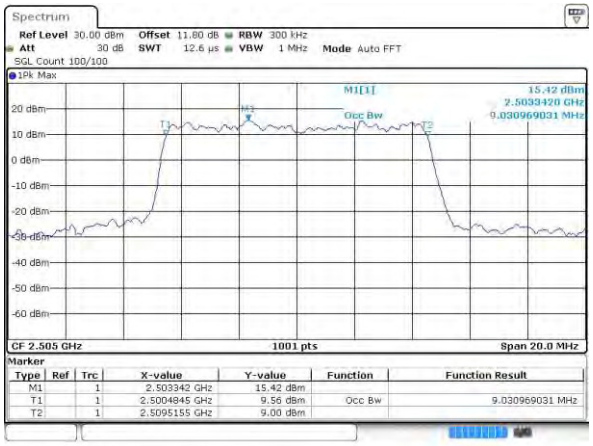


Highest Channel / 5MHz / 16QAM

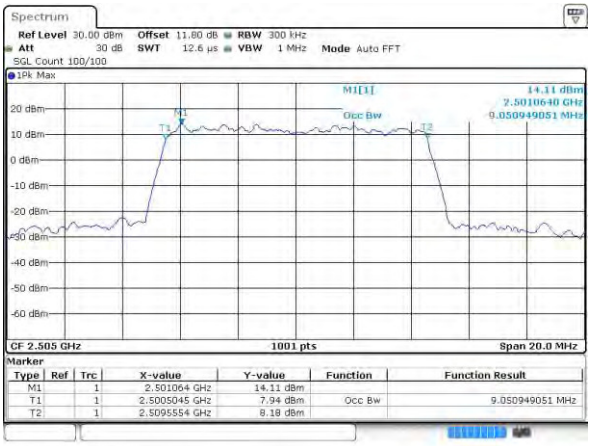


LTE Band 7

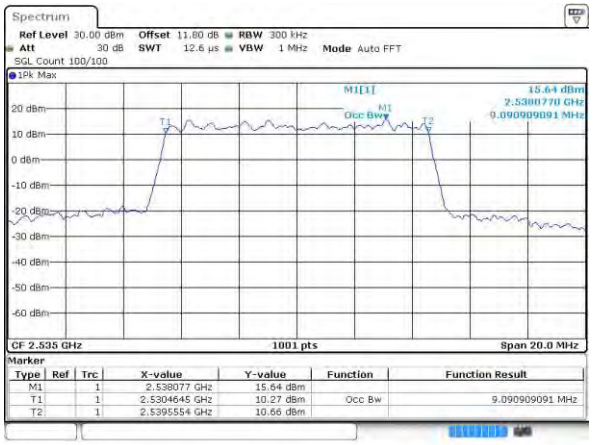
Lowest Channel / 10MHz / QPSK



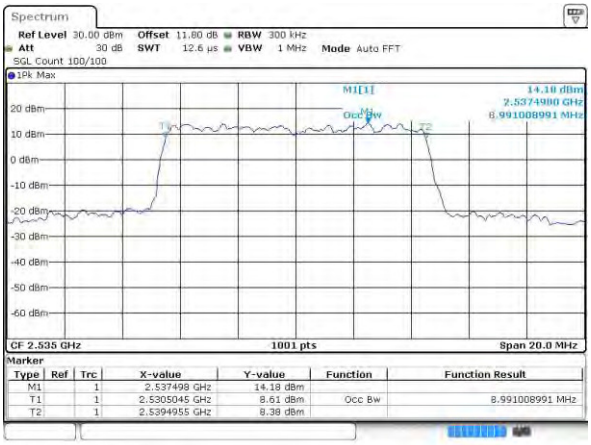
Lowest Channel / 10MHz / 16QAM



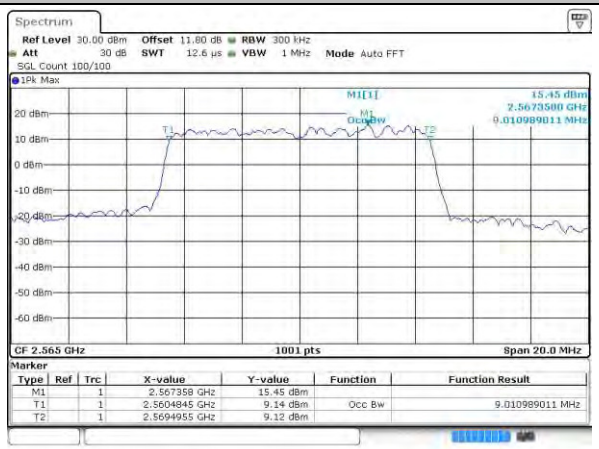
Middle Channel / 10MHz / QPSK



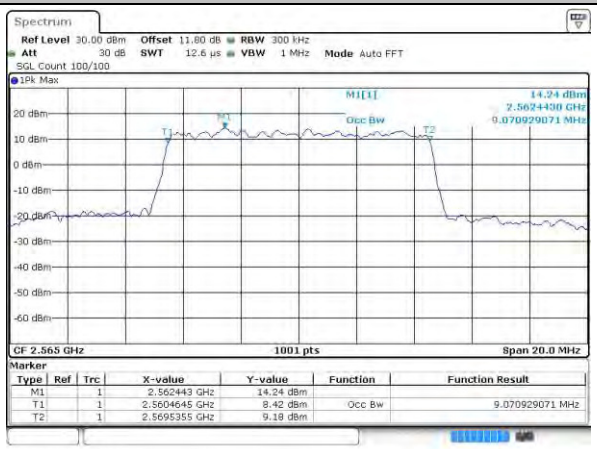
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

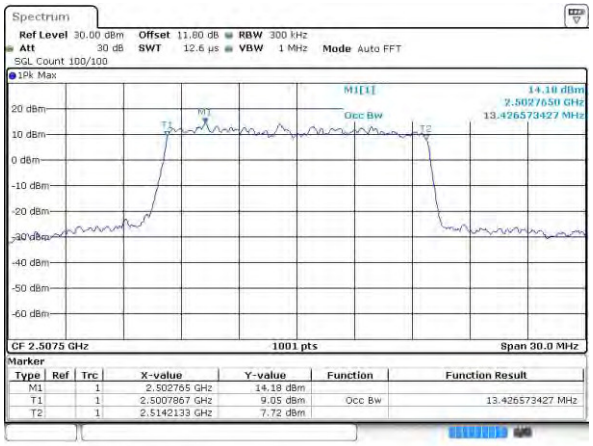


Highest Channel / 10MHz / 16QAM



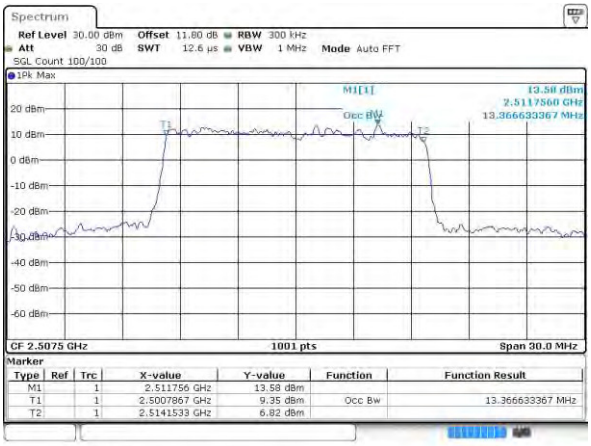
LTE Band 7

Lowest Channel / 15MHz / QPSK



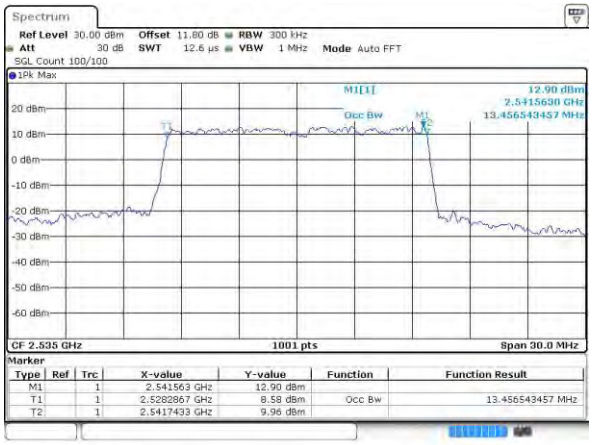
Date: 22.MAY.2016 04:43:04

Lowest Channel / 15MHz / 16QAM



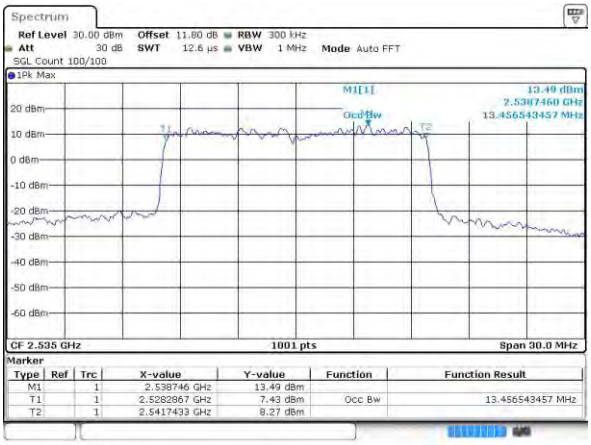
Date: 22.MAY.2016 04:43:14

Middle Channel / 15MHz / QPSK



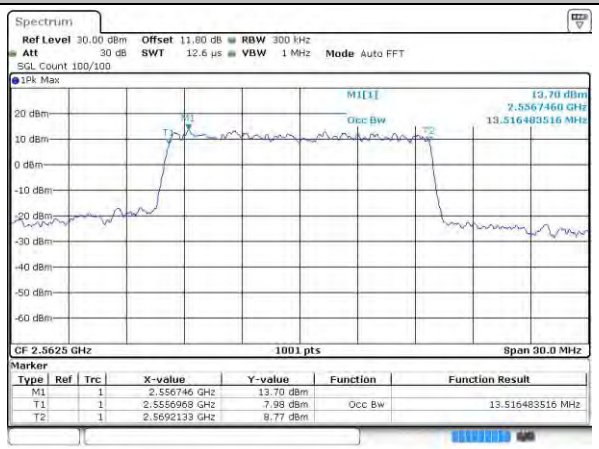
Date: 22.MAY.2016 04:45:35

Middle Channel / 15MHz / 16QAM



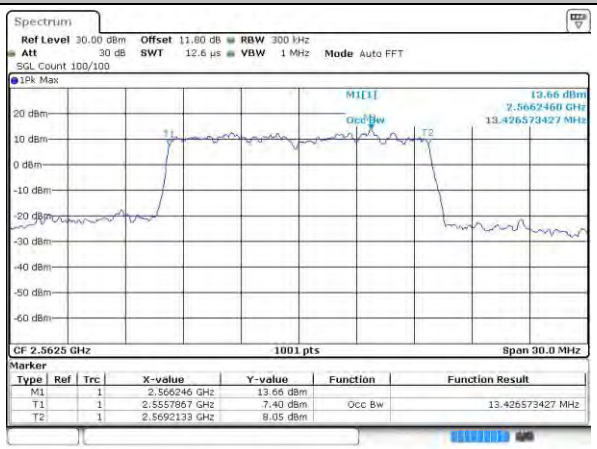
Date: 22.MAY.2016 04:45:46

Highest Channel / 15MHz / QPSK



Date: 22.MAY.2016 04:48:07

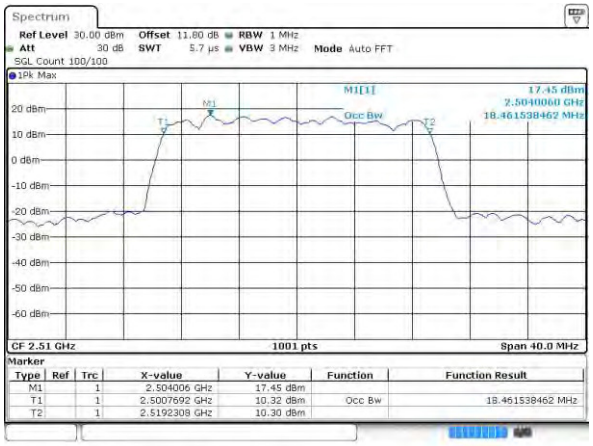
Highest Channel / 15MHz / 16QAM



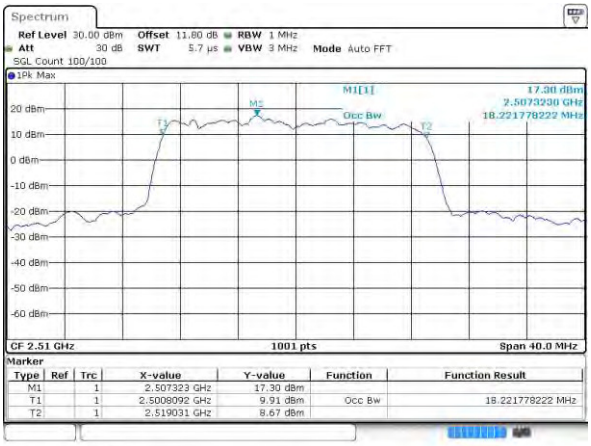
Date: 22.MAY.2016 04:48:18

LTE Band 7

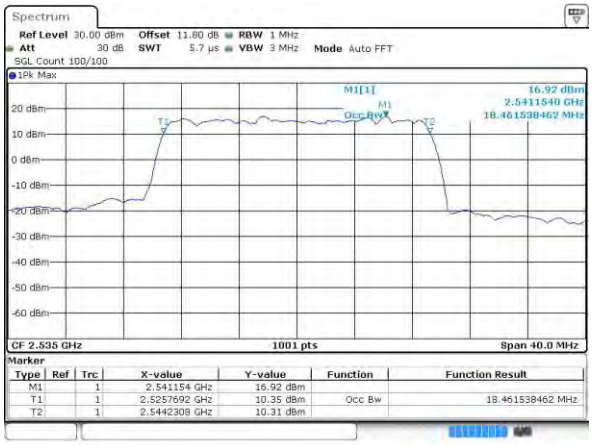
Lowest Channel / 20MHz / QPSK



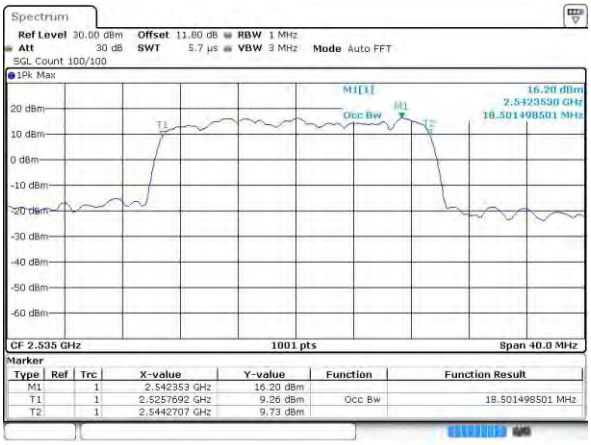
Lowest Channel / 20MHz / 16QAM



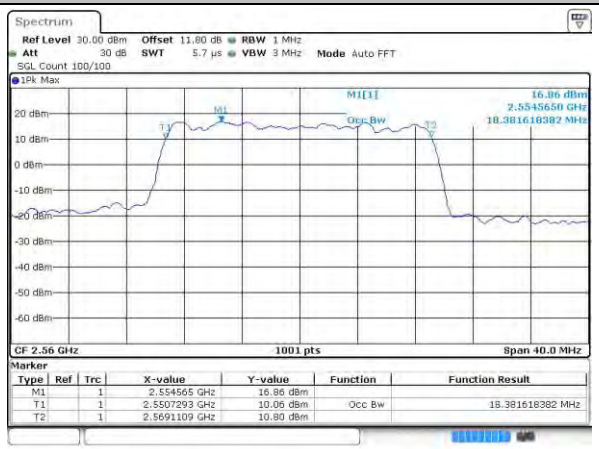
Middle Channel / 20MHz / QPSK



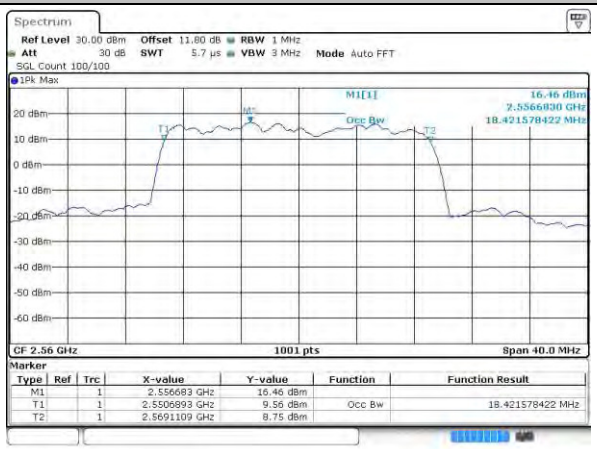
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



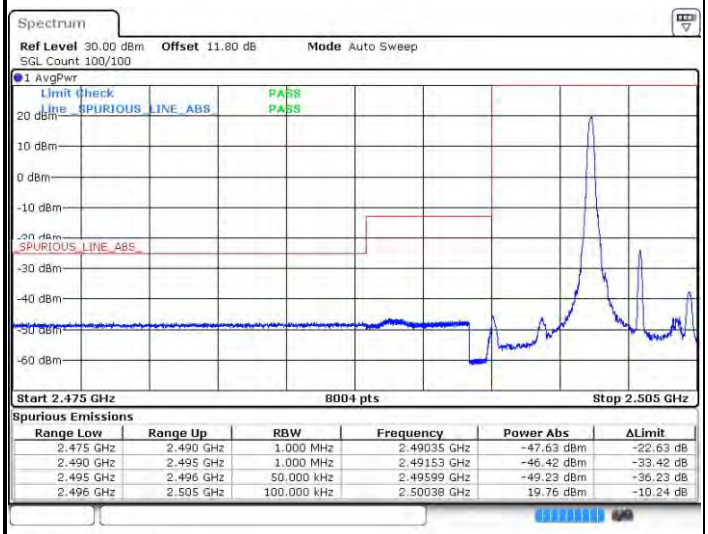
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

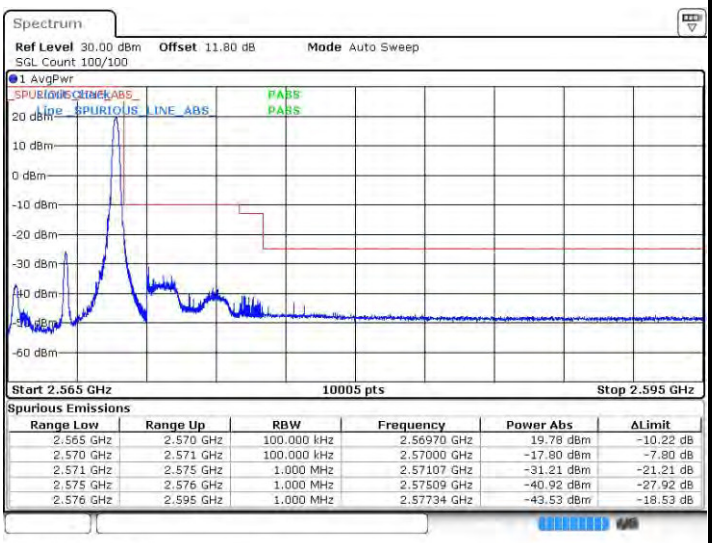


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49035 GHz	-47.63 dBm	-22.63 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49153 GHz	-46.42 dBm	-33.42 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-49.23 dBm	-36.23 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50038 GHz	19.76 dBm	-10.24 dB

Date: 22.MAY.2016 05:02:24

Highest Band Edge / 1 RB

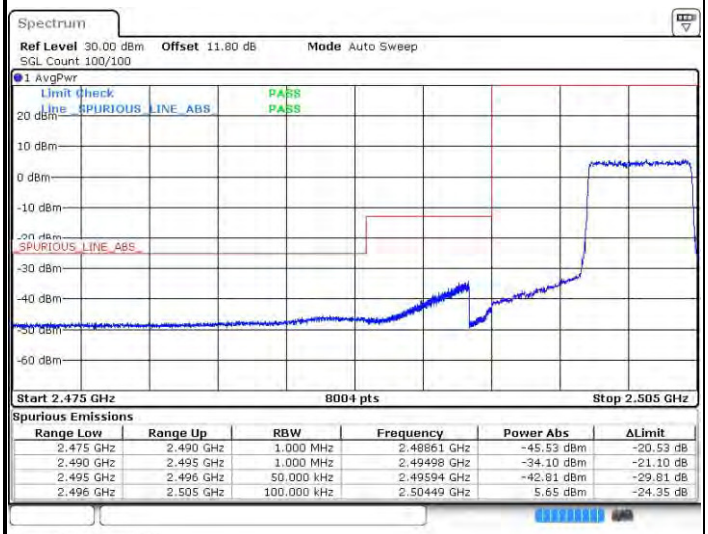


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56970 GHz	19.78 dBm	-10.22 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-17.80 dBm	-7.80 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-31.21 dBm	-21.21 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57509 GHz	-40.92 dBm	-27.92 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57734 GHz	-43.53 dBm	-18.53 dB

Date: 22.MAY.2016 05:07:04

Lowest Band Edge / Full RB

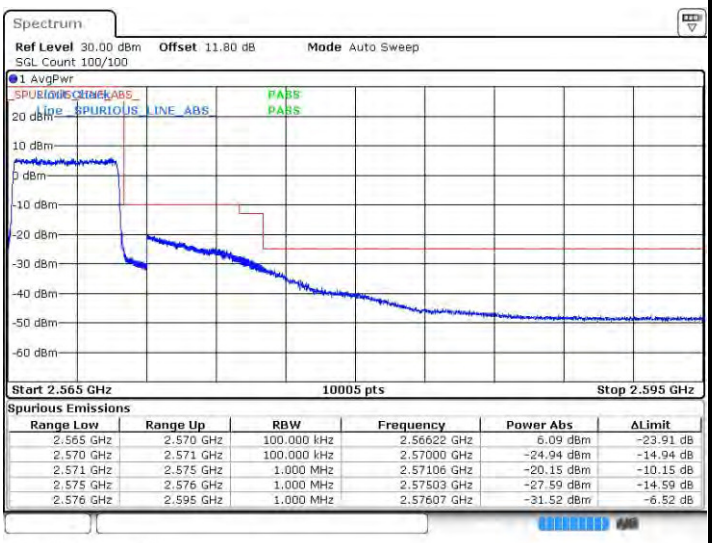


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48861 GHz	-45.53 dBm	-20.53 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-34.10 dBm	-21.10 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49594 GHz	-42.81 dBm	-29.81 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50449 GHz	5.65 dBm	-24.35 dB

Date: 22.MAY.2016 05:04:44

Highest Band Edge / Full RB



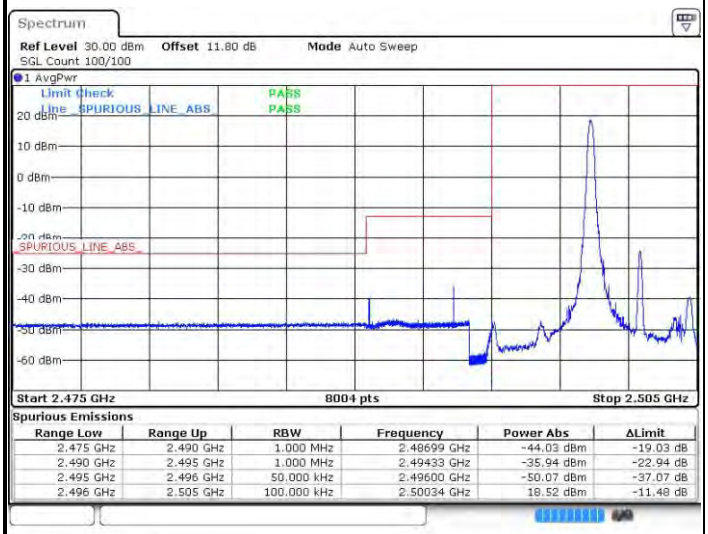
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56622 GHz	6.09 dBm	-23.91 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-24.94 dBm	-14.94 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-20.15 dBm	-10.15 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-27.59 dBm	-14.59 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57607 GHz	-31.52 dBm	-6.52 dB

Date: 22.MAY.2016 05:09:24

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

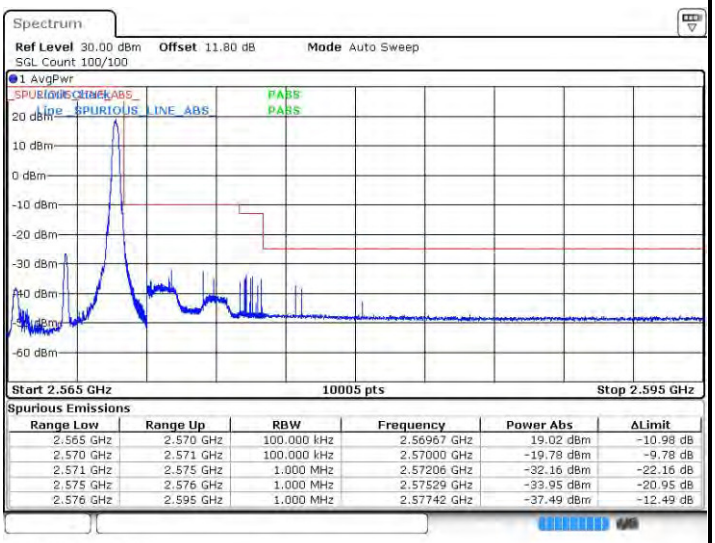


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48699 GHz	-44.03 dBm	-19.03 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49433 GHz	-35.94 dBm	-22.94 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-50.07 dBm	-37.07 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	18.52 dBm	-11.48 dB

Date: 22.MAY.2016 05:03:34

Highest Band Edge / 1 RB

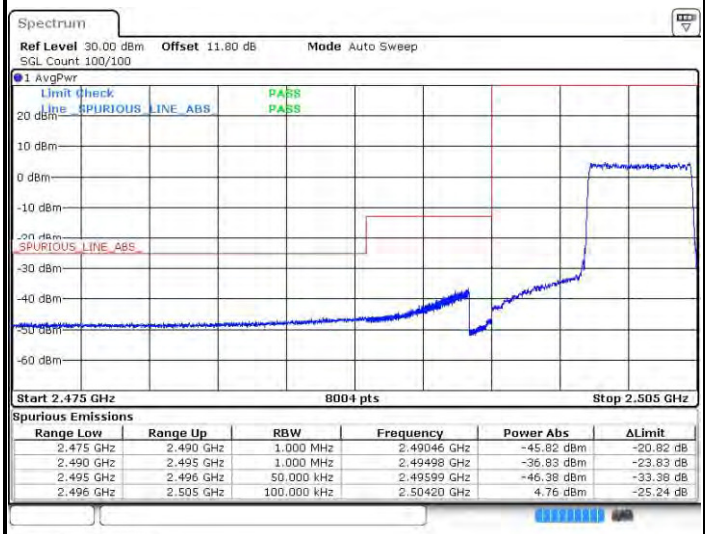


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	19.02 dBm	-10.98 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-19.78 dBm	-9.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57206 GHz	-32.16 dBm	-22.16 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57529 GHz	-33.95 dBm	-20.95 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57742 GHz	-37.49 dBm	-12.49 dB

Date: 22.MAY.2016 05:08:14

Lowest Band Edge / Full RB

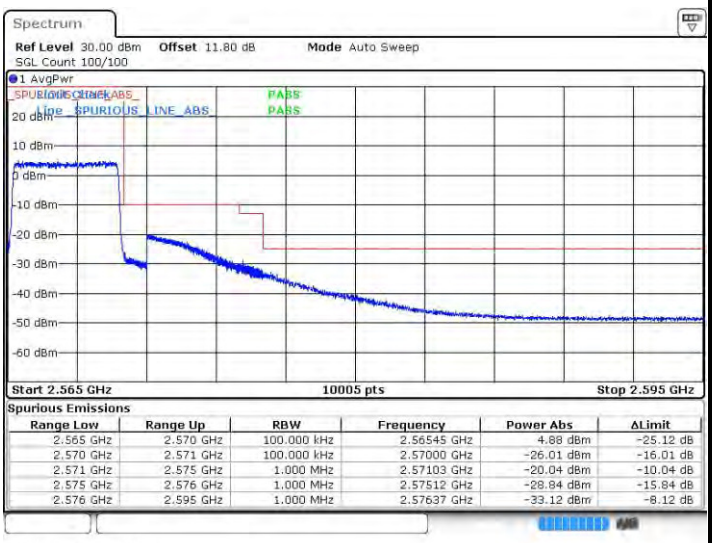


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-45.82 dBm	-20.82 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-36.83 dBm	-23.83 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-46.38 dBm	-33.38 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50420 GHz	4.76 dBm	-25.24 dB

Date: 22.MAY.2016 05:05:54

Highest Band Edge / Full RB



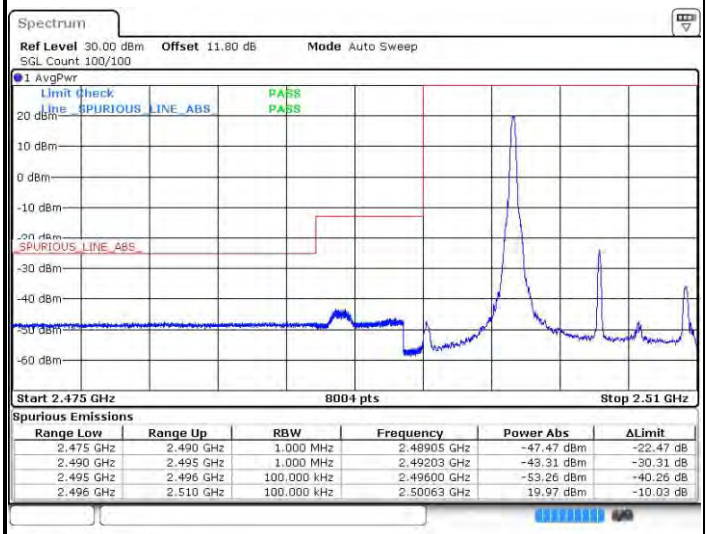
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56545 GHz	4.88 dBm	-25.12 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-26.01 dBm	-16.01 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-20.04 dBm	-10.04 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57512 GHz	-28.84 dBm	-15.84 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57637 GHz	-33.12 dBm	-8.12 dB

Date: 22.MAY.2016 05:10:34

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

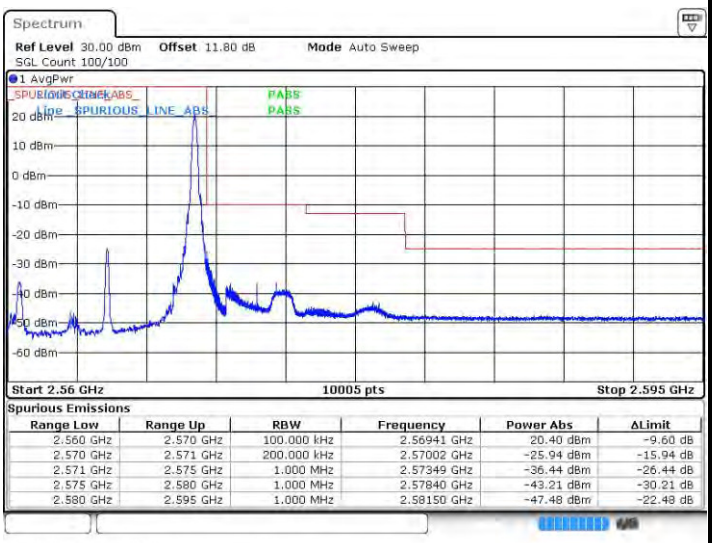


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48905 GHz	-47.47 dBm	-22.47 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49203 GHz	-43.31 dBm	-30.31 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-53.26 dBm	-40.26 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50063 GHz	19.97 dBm	-10.03 dB

Date: 22.MAY.2016 05:11:44

Highest Band Edge / 1 RB

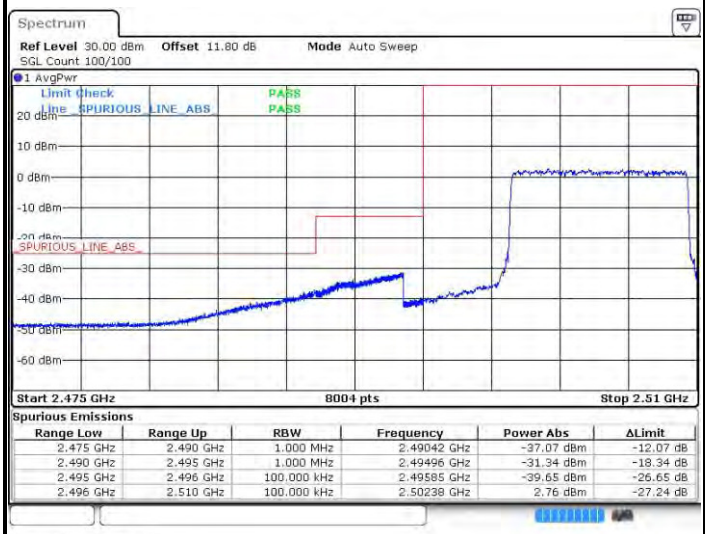


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	20.40 dBm	-9.60 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-25.94 dBm	-15.94 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57349 GHz	-36.44 dBm	-26.44 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57840 GHz	-43.21 dBm	-30.21 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58150 GHz	-47.48 dBm	-22.48 dB

Date: 22.MAY.2016 05:16:24

Lowest Band Edge / Full RB

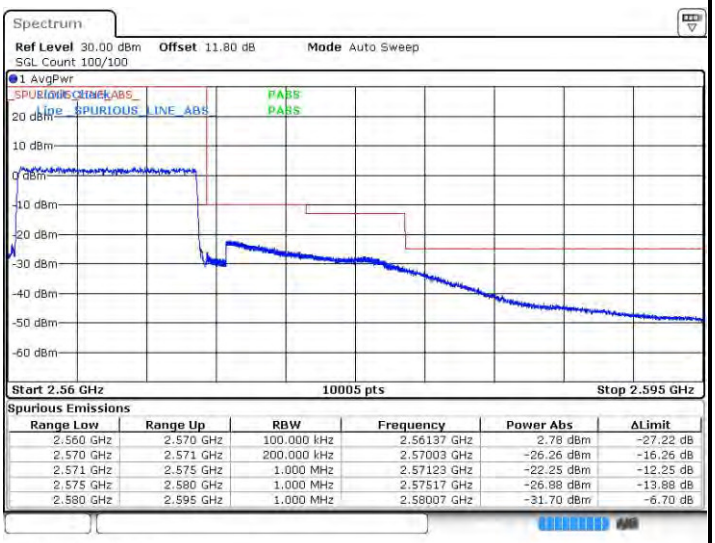


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-37.07 dBm	-12.07 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-31.34 dBm	-18.34 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49585 GHz	-39.65 dBm	-26.65 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50238 GHz	2.76 dBm	-27.24 dB

Date: 22.MAY.2016 05:14:04

Highest Band Edge / Full RB



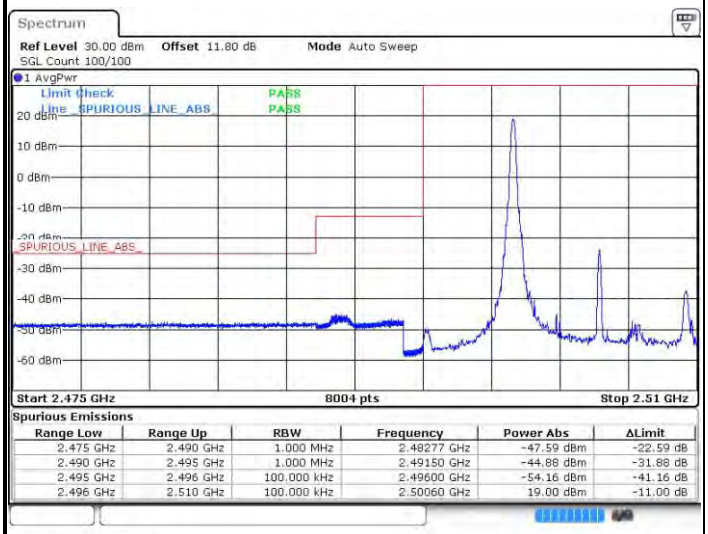
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56137 GHz	2.78 dBm	-27.22 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-26.26 dBm	-16.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57123 GHz	-22.25 dBm	-12.25 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57517 GHz	-26.88 dBm	-13.88 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-31.70 dBm	-6.70 dB

Date: 22.MAY.2016 05:18:45

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

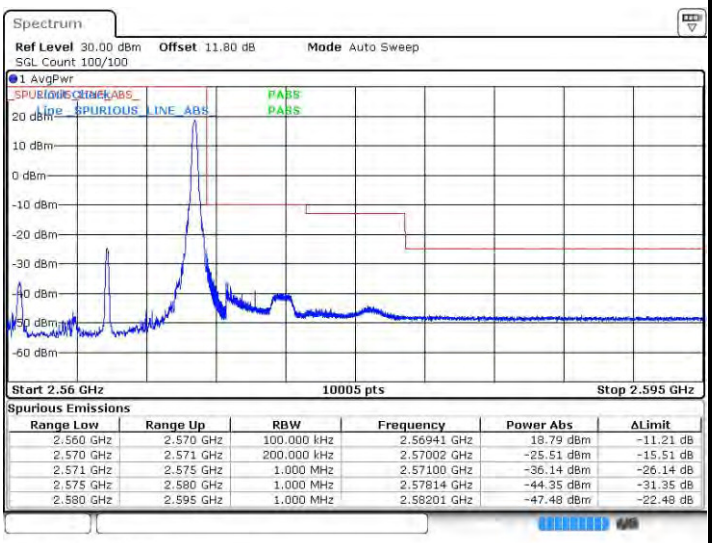


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48277 GHz	-47.59 dBm	-22.59 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49150 GHz	-44.88 dBm	-31.88 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-54.16 dBm	-41.16 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	19.00 dBm	-11.00 dB

Date: 22.MAY.2016 05:12:54

Highest Band Edge / 1 RB

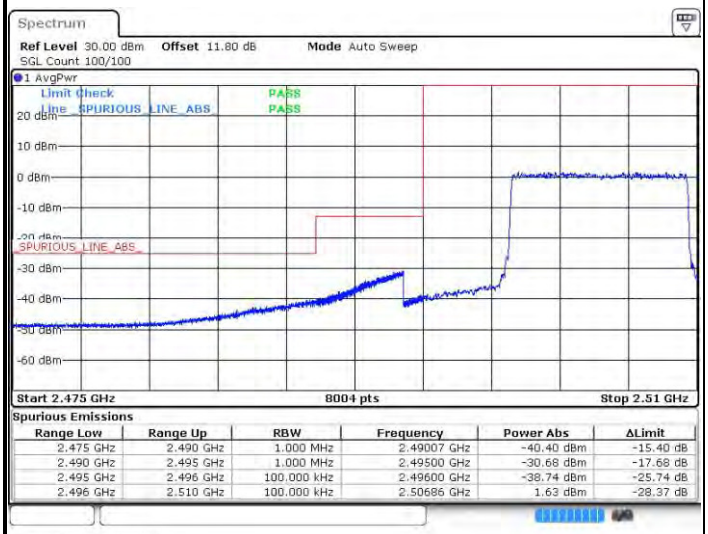


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	18.79 dBm	-11.21 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-25.51 dBm	-15.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-36.14 dBm	-26.14 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57814 GHz	-44.35 dBm	-31.35 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58201 GHz	-47.48 dBm	-22.48 dB

Date: 22.MAY.2016 05:17:35

Lowest Band Edge / Full RB

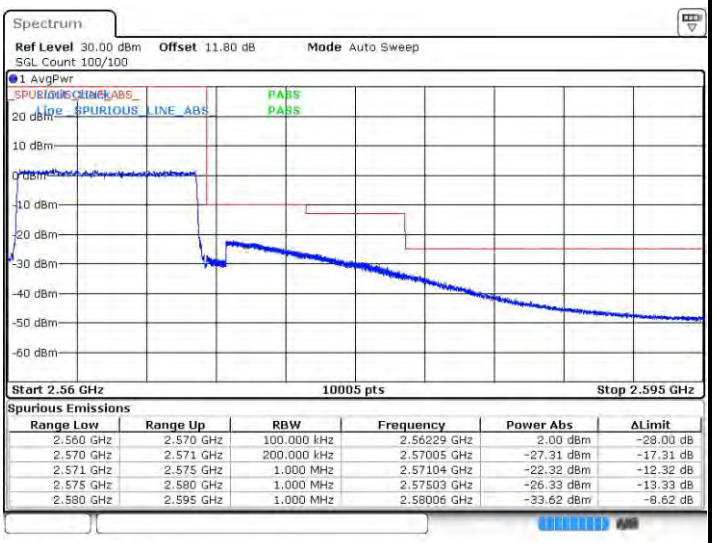


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49007 GHz	-40.40 dBm	-15.40 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49500 GHz	-30.68 dBm	-17.68 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-38.74 dBm	-25.74 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50686 GHz	1.63 dBm	-28.37 dB

Date: 22.MAY.2016 05:15:14

Highest Band Edge / Full RB



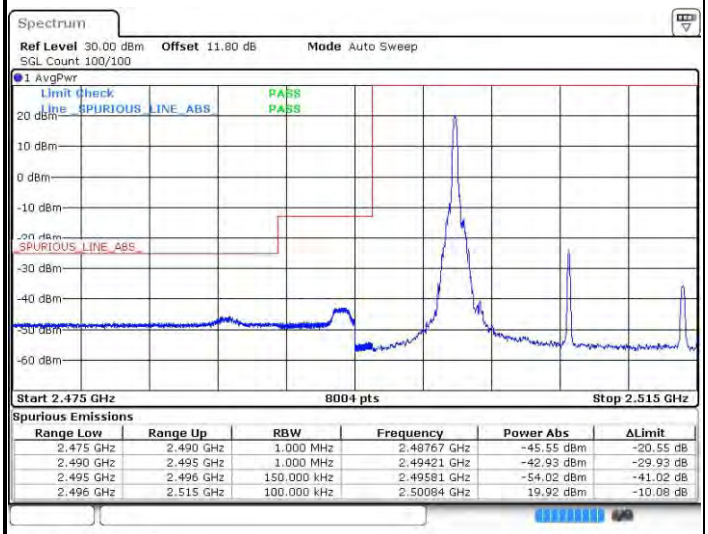
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56229 GHz	2.00 dBm	-28.00 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57005 GHz	-27.31 dBm	-17.31 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-22.32 dBm	-12.32 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57503 GHz	-26.33 dBm	-13.33 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58006 GHz	-33.62 dBm	-8.62 dB

Date: 22.MAY.2016 05:19:55

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

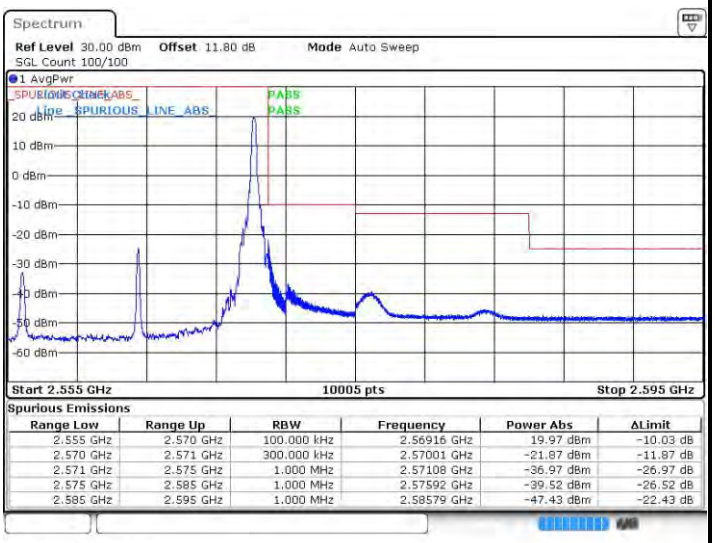


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48767 GHz	-45.55 dBm	-20.55 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49421 GHz	-42.93 dBm	-29.93 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49581 GHz	-54.02 dBm	-41.02 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.92 dBm	-10.08 dB

Date: 22.MAY.2016 05:21:05

Highest Band Edge / 1 RB

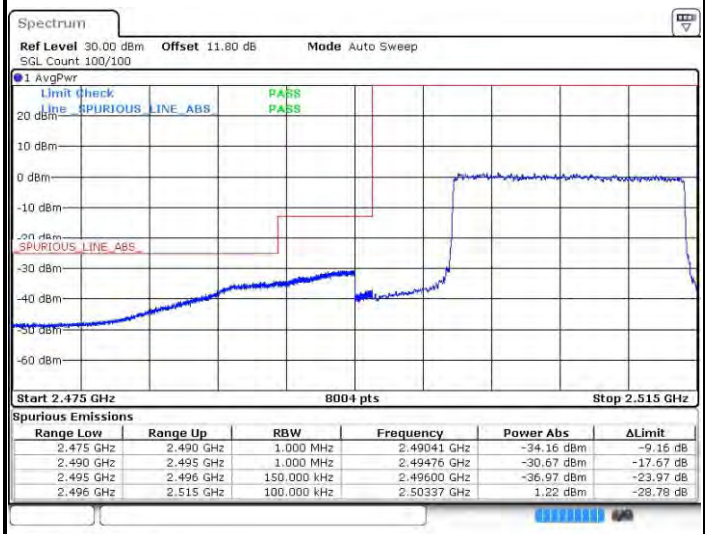


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.97 dBm	-10.03 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-21.87 dBm	-11.87 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-36.97 dBm	-26.97 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57592 GHz	-39.52 dBm	-26.52 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58579 GHz	-47.43 dBm	-22.43 dB

Date: 22.MAY.2016 05:25:45

Lowest Band Edge / Full RB

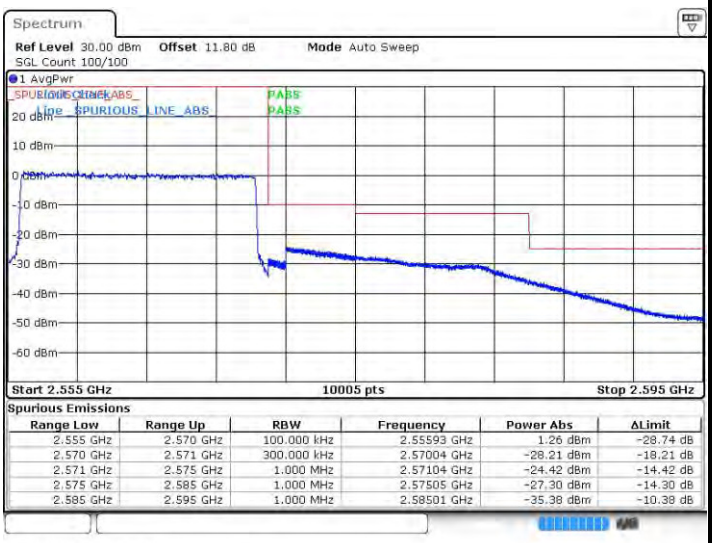


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-34.16 dBm	-9.16 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49476 GHz	-30.67 dBm	-17.67 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49600 GHz	-36.97 dBm	-23.97 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50337 GHz	1.22 dBm	-28.78 dB

Date: 22.MAY.2016 05:23:25

Highest Band Edge / Full RB



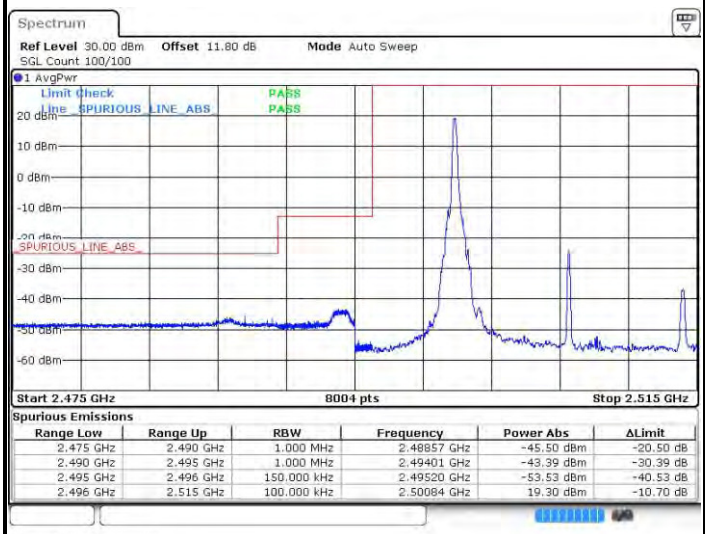
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55593 GHz	1.26 dBm	-28.74 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57004 GHz	-28.21 dBm	-18.21 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-24.42 dBm	-14.42 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57505 GHz	-27.30 dBm	-14.30 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58501 GHz	-35.38 dBm	-10.38 dB

Date: 22.MAY.2016 05:28:05

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

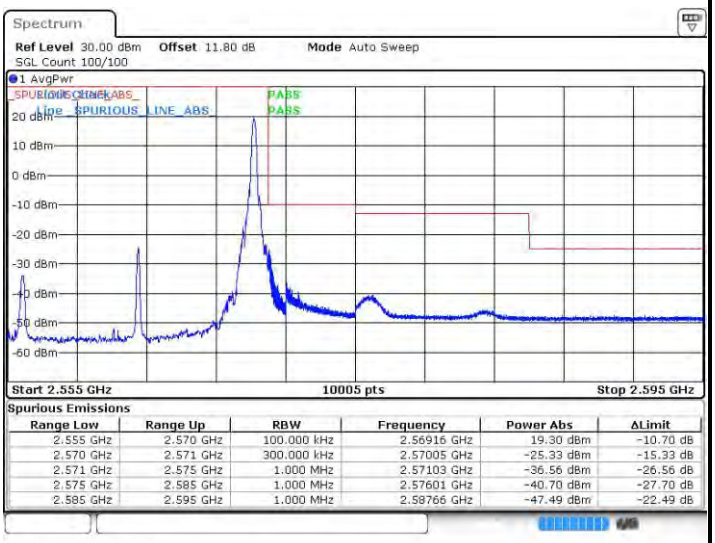


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48857 GHz	-45.50 dBm	-20.50 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49401 GHz	-43.39 dBm	-30.39 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49520 GHz	-53.53 dBm	-40.53 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.30 dBm	-10.70 dB

Date: 22.MAY.2016 05:22:15

Highest Band Edge / 1 RB

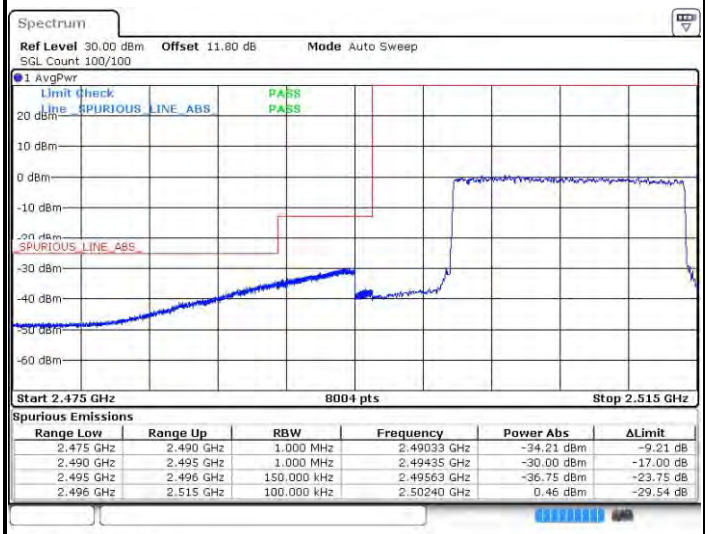


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.30 dBm	-10.70 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-25.33 dBm	-15.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-36.56 dBm	-26.56 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57601 GHz	-40.70 dBm	-27.70 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58766 GHz	-47.49 dBm	-22.49 dB

Date: 22.MAY.2016 05:26:55

Lowest Band Edge / Full RB

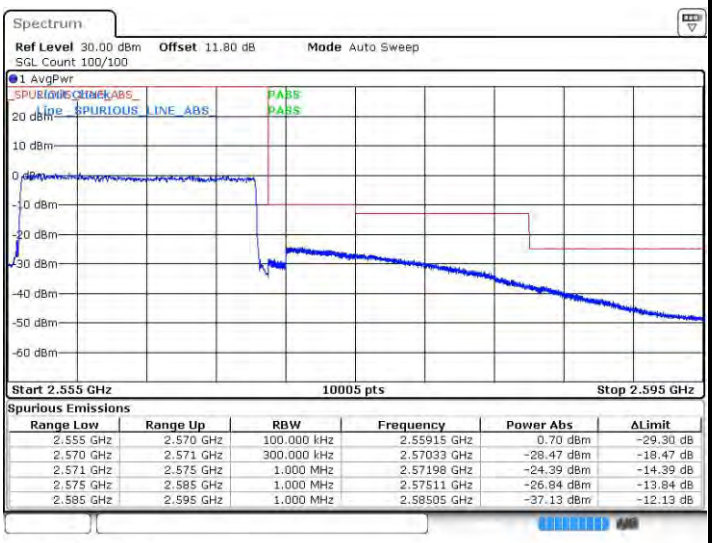


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-34.21 dBm	-9.21 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49435 GHz	-30.00 dBm	-17.00 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49563 GHz	-36.75 dBm	-23.75 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50240 GHz	0.46 dBm	-29.54 dB

Date: 22.MAY.2016 05:24:35

Highest Band Edge / Full RB



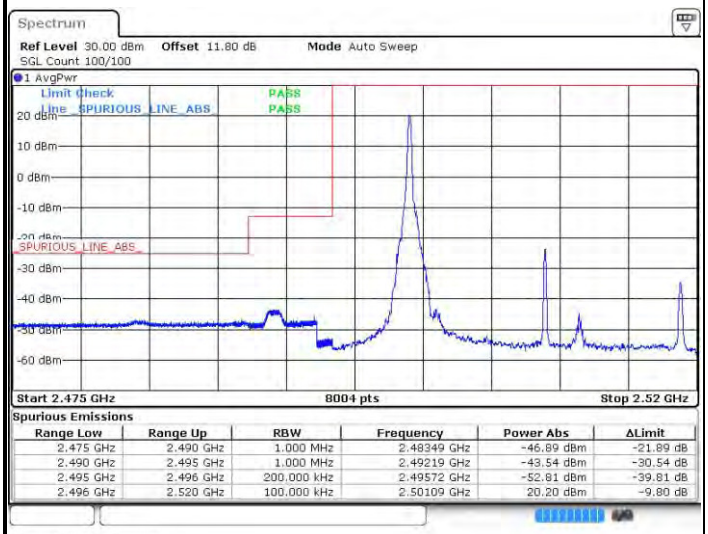
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55915 GHz	0.70 dBm	-29.30 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57033 GHz	-28.47 dBm	-18.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57198 GHz	-24.39 dBm	-14.39 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57511 GHz	-26.84 dBm	-13.84 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-37.13 dBm	-12.13 dB

Date: 22.MAY.2016 05:29:15

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

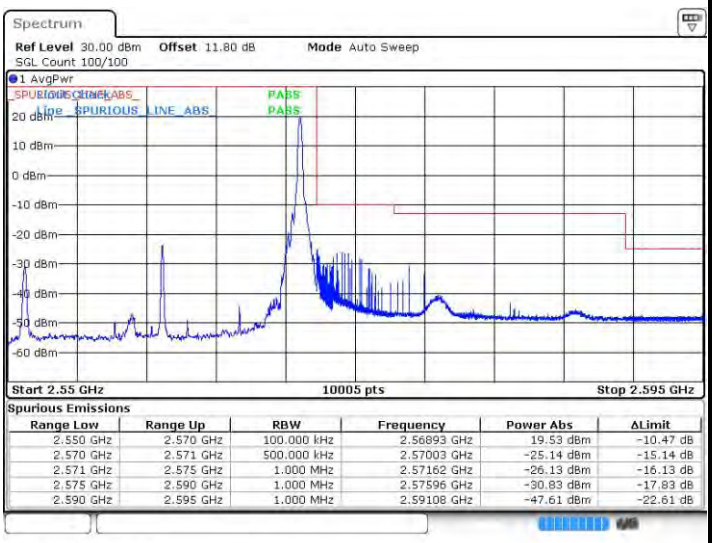


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48349 GHz	-46.89 dBm	-21.89 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49219 GHz	-43.54 dBm	-30.54 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49572 GHz	-52.81 dBm	-39.81 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	20.20 dBm	-9.80 dB

Date: 22.MAY.2016 05:30:25

Highest Band Edge / 1 RB

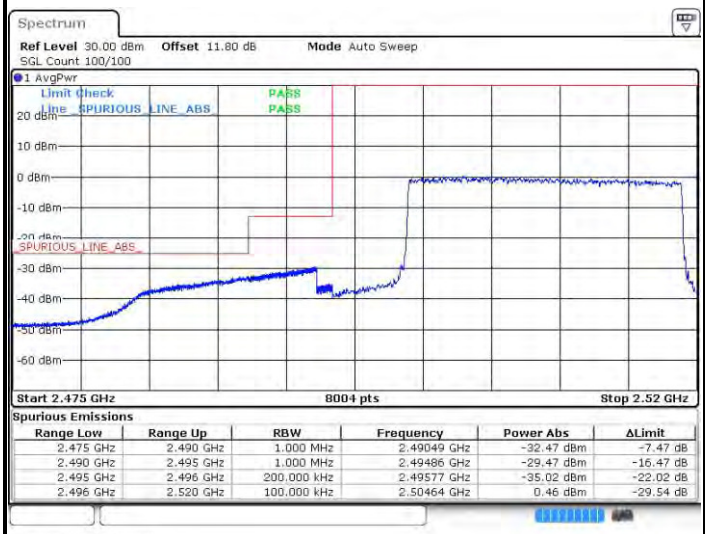


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	19.53 dBm	-10.47 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-25.14 dBm	-15.14 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57162 GHz	-26.13 dBm	-16.13 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57596 GHz	-30.83 dBm	-17.83 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59108 GHz	-47.61 dBm	-22.61 dB

Date: 22.MAY.2016 05:35:05

Lowest Band Edge / Full RB

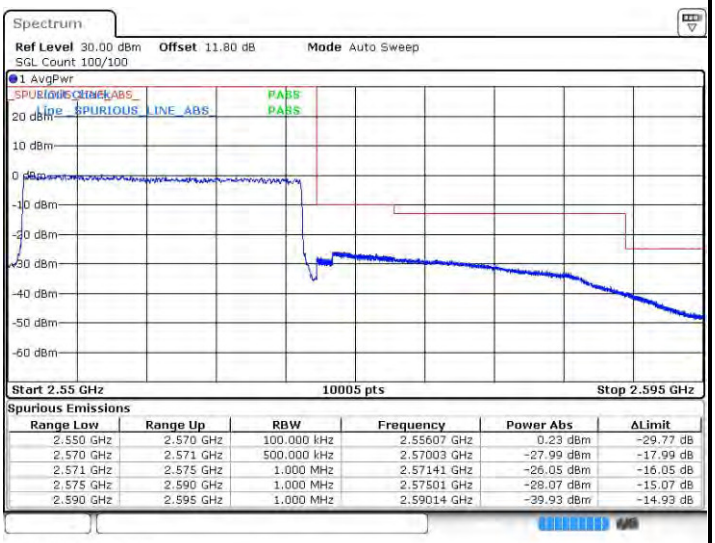


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-32.47 dBm	-7.47 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49486 GHz	-29.47 dBm	-16.47 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49577 GHz	-35.02 dBm	-22.02 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50464 GHz	0.46 dBm	-29.54 dB

Date: 22.MAY.2016 05:32:45

Highest Band Edge / Full RB



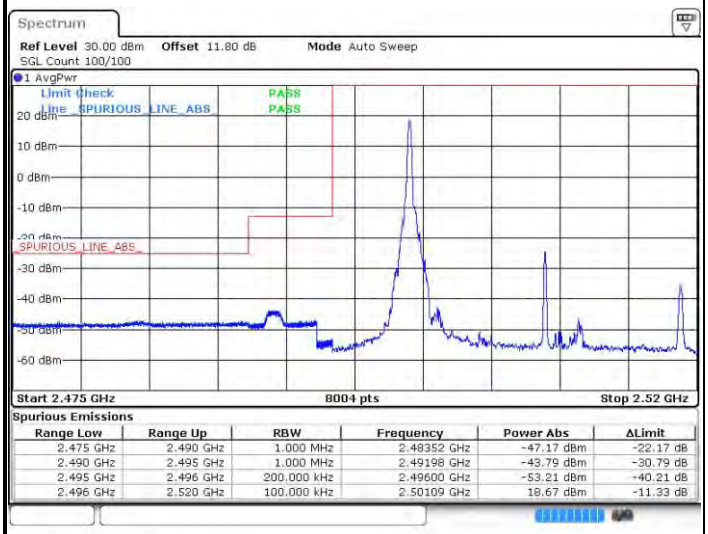
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55607 GHz	0.23 dBm	-29.77 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-27.99 dBm	-17.99 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57141 GHz	-26.05 dBm	-16.05 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57501 GHz	-28.07 dBm	-15.07 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59014 GHz	-39.93 dBm	-14.93 dB

Date: 22.MAY.2016 05:38:35

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

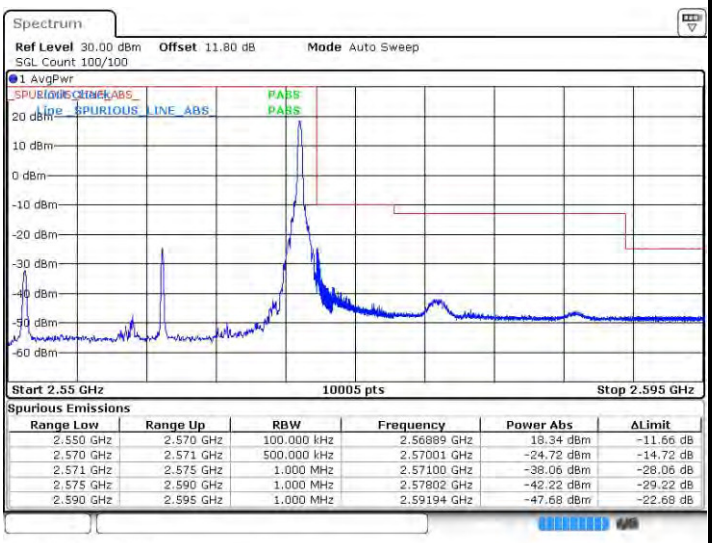


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48352 GHz	-47.17 dBm	-22.17 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49198 GHz	-43.79 dBm	-30.79 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49600 GHz	-53.21 dBm	-40.21 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	18.67 dBm	-11.33 dB

Date: 22.MAY.2016 05:31:35

Highest Band Edge / 1RB

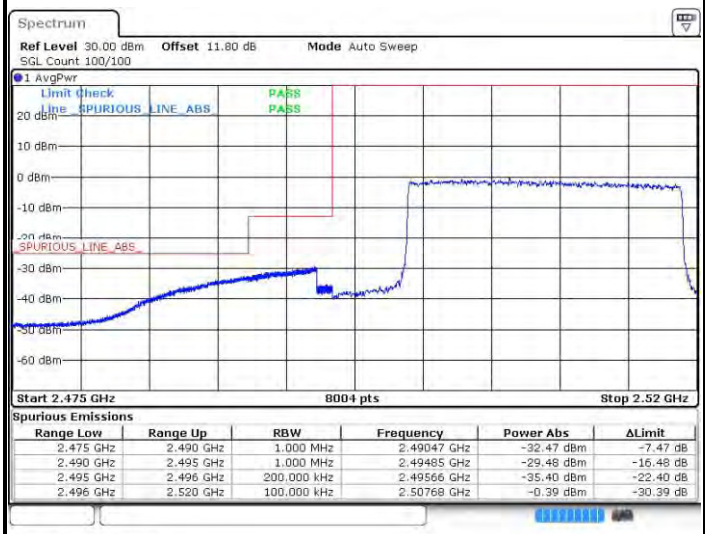


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56889 GHz	18.34 dBm	-11.66 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-24.72 dBm	-14.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-38.06 dBm	-28.06 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57802 GHz	-42.22 dBm	-29.22 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59194 GHz	-47.68 dBm	-22.68 dB

Date: 22.MAY.2016 05:36:15

Lowest Band Edge / Full RB

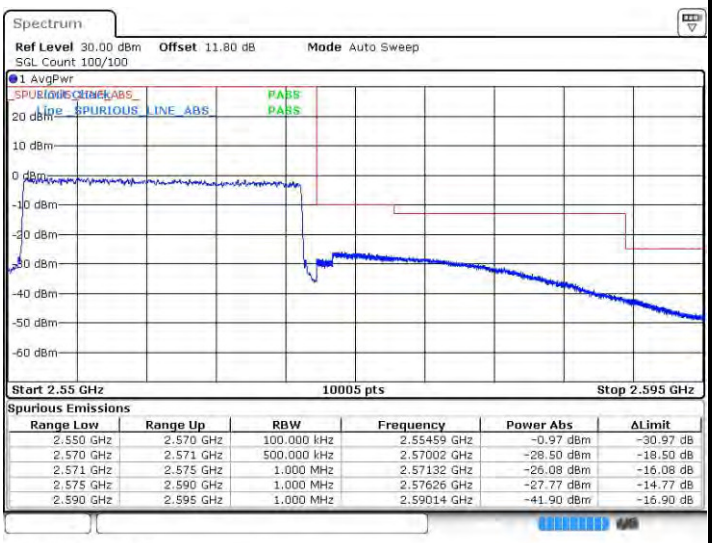


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-32.47 dBm	-7.47 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49485 GHz	-29.48 dBm	-16.48 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49566 GHz	-35.40 dBm	-22.40 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50768 GHz	-0.39 dBm	-30.39 dB

Date: 22.MAY.2016 05:33:55

Highest Band Edge / Full RB



Spurious Emissions

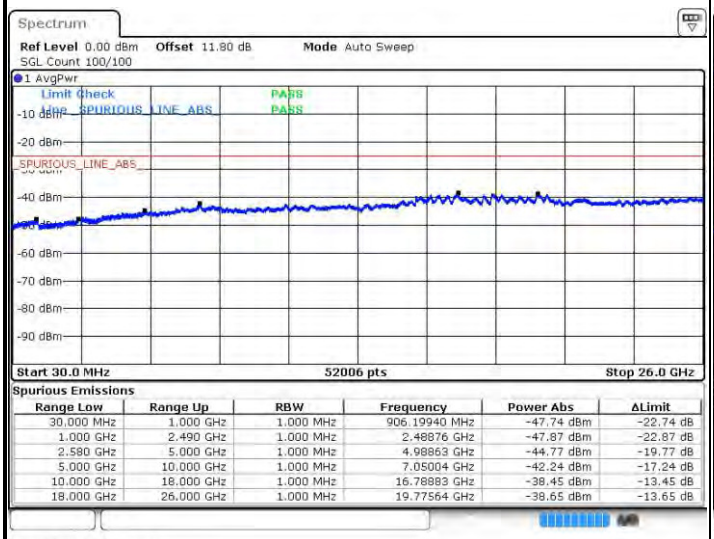
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55459 GHz	-0.97 dBm	-30.97 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-28.50 dBm	-18.50 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57132 GHz	-26.08 dBm	-16.08 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57626 GHz	-27.77 dBm	-14.77 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59014 GHz	-41.90 dBm	-16.90 dB

Date: 22.MAY.2016 05:37:25

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

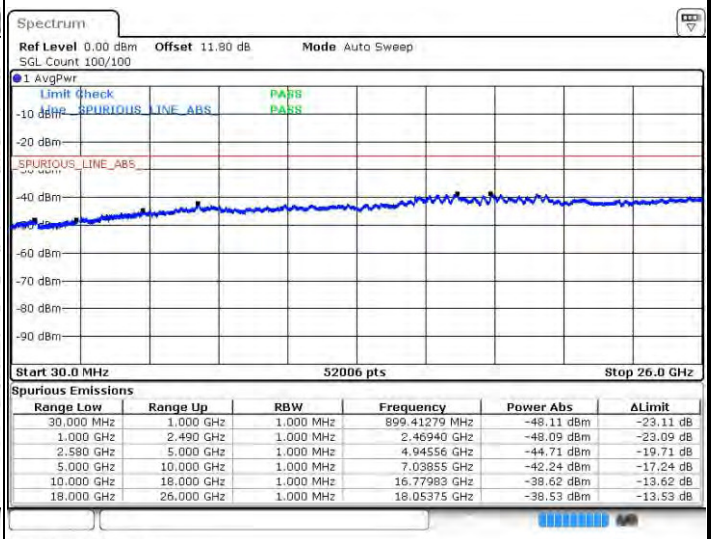


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-47.74 dBm	-22.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-47.87 dBm	-22.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-44.77 dBm	-19.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05004 GHz	-42.24 dBm	-17.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78883 GHz	-38.45 dBm	-13.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77564 GHz	-38.65 dBm	-13.65 dB

Date: 22.MAY.2016 05:44:17

Lowest Channel / 16QAM

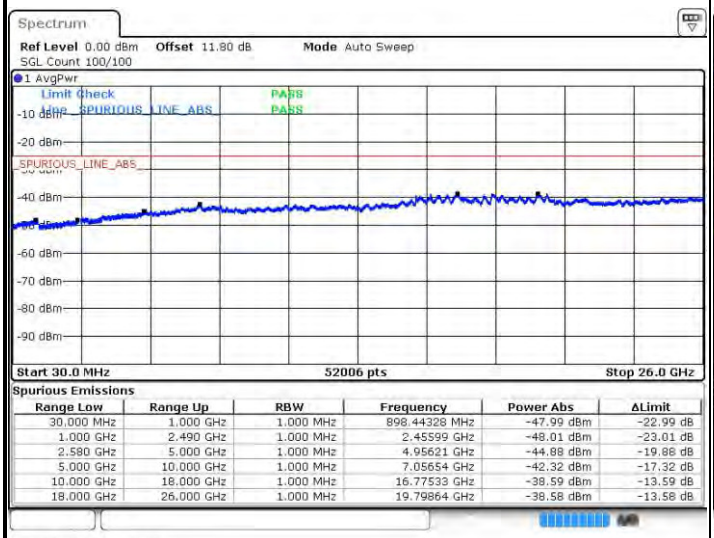


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-48.11 dBm	-23.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46940 GHz	-48.09 dBm	-23.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94556 GHz	-44.71 dBm	-19.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.03855 GHz	-42.24 dBm	-17.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77983 GHz	-38.62 dBm	-13.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.05375 GHz	-38.53 dBm	-13.53 dB

Date: 22.MAY.2016 05:45:11

Middle Channel / QPSK

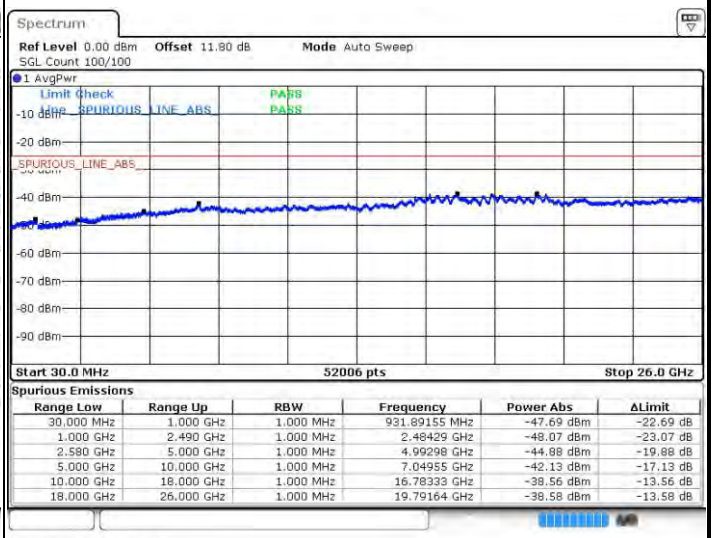


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-47.99 dBm	-22.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45599 GHz	-48.01 dBm	-23.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95621 GHz	-44.88 dBm	-19.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05654 GHz	-42.32 dBm	-17.32 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77533 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79864 GHz	-38.58 dBm	-13.58 dB

Date: 22.MAY.2016 05:46:05

Middle Channel / 16QAM



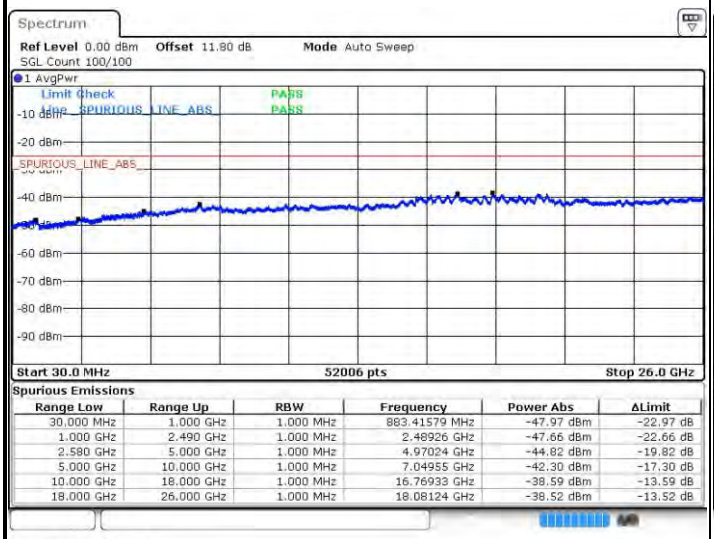
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-47.69 dBm	-22.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-48.07 dBm	-23.07 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99298 GHz	-44.88 dBm	-19.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04955 GHz	-42.13 dBm	-17.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78333 GHz	-38.56 dBm	-13.56 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79164 GHz	-38.58 dBm	-13.58 dB

Date: 22.MAY.2016 05:46:58

LTE Band 7 / 5MHz

Highest Channel / QPSK

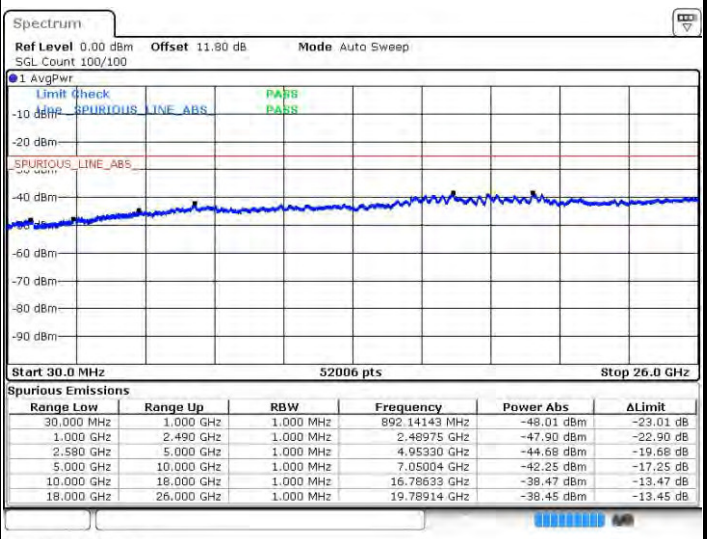


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-47.97 dBm	-22.97 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-47.66 dBm	-22.66 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97024 GHz	-44.82 dBm	-19.82 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04955 GHz	-42.30 dBm	-17.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76933 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.08124 GHz	-38.52 dBm	-13.52 dB

Date: 22.MAY.2016 05:47:52

Highest Channel / 16QAM



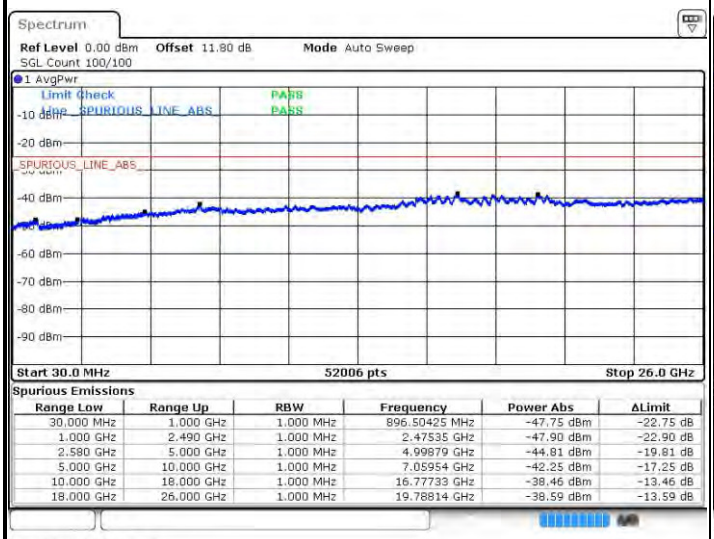
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-48.01 dBm	-23.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-47.90 dBm	-22.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95330 GHz	-44.68 dBm	-19.68 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05004 GHz	-42.25 dBm	-17.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78633 GHz	-38.47 dBm	-13.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78914 GHz	-38.45 dBm	-13.45 dB

Date: 22.MAY.2016 05:48:46

LTE Band 7 / 10MHz

Lowest Channel / QPSK

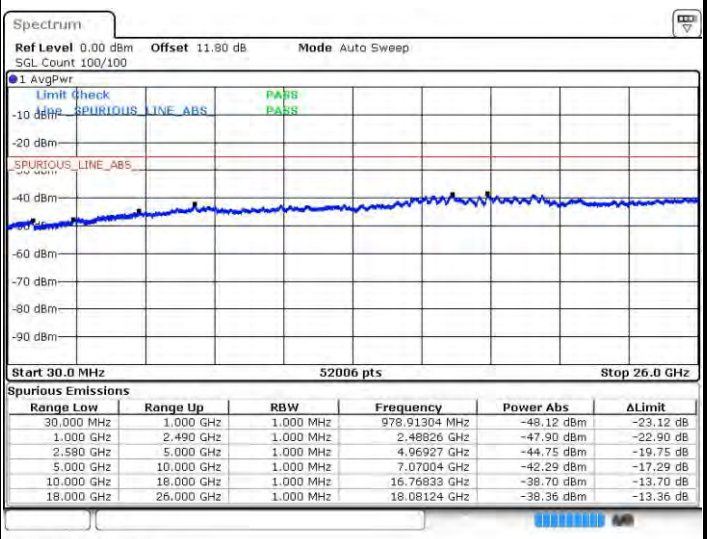


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-47.75 dBm	-22.75 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47535 GHz	-47.90 dBm	-22.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99879 GHz	-44.81 dBm	-19.81 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05954 GHz	-42.25 dBm	-17.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77733 GHz	-38.46 dBm	-13.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78814 GHz	-38.59 dBm	-13.59 dB

Date: 22.MAY.2016 05:49:40

Lowest Channel / 16QAM



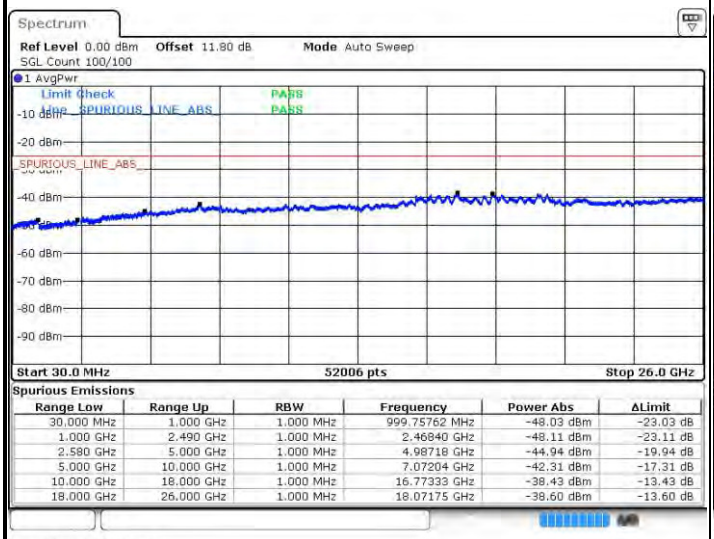
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-48.12 dBm	-23.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-47.90 dBm	-22.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96927 GHz	-44.75 dBm	-19.75 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07004 GHz	-42.29 dBm	-17.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76833 GHz	-38.70 dBm	-13.70 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.08124 GHz	-38.36 dBm	-13.36 dB

Date: 22.MAY.2016 05:50:34

LTE Band 7 / 10MHz

Middle Channel / QPSK

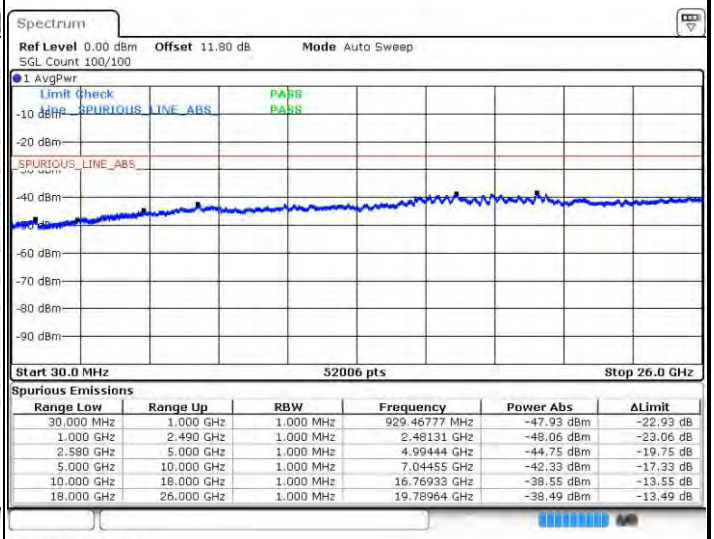


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-48.03 dBm	-23.03 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46840 GHz	-48.11 dBm	-23.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98718 GHz	-44.94 dBm	-19.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07204 GHz	-42.31 dBm	-17.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77333 GHz	-38.43 dBm	-13.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07175 GHz	-38.60 dBm	-13.60 dB

Date: 22.MAY.2016 05:51:27

Middle Channel / 16QAM

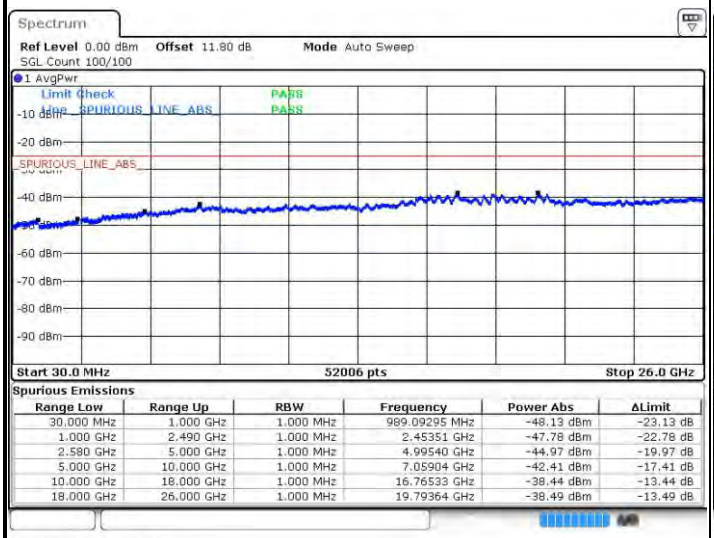


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48131 GHz	-48.06 dBm	-23.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-44.75 dBm	-19.75 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04455 GHz	-42.33 dBm	-17.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76933 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78964 GHz	-38.49 dBm	-13.49 dB

Date: 22.MAY.2016 05:52:21

Highest Channel / QPSK

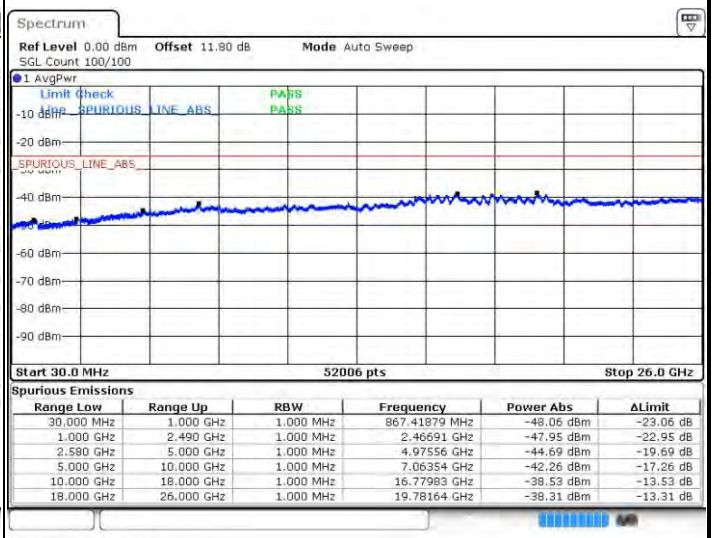


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-48.13 dBm	-23.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45351 GHz	-47.78 dBm	-22.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99540 GHz	-44.97 dBm	-19.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05904 GHz	-42.41 dBm	-17.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76533 GHz	-38.44 dBm	-13.44 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79364 GHz	-38.49 dBm	-13.49 dB

Date: 22.MAY.2016 05:53:15

Highest Channel / 16QAM



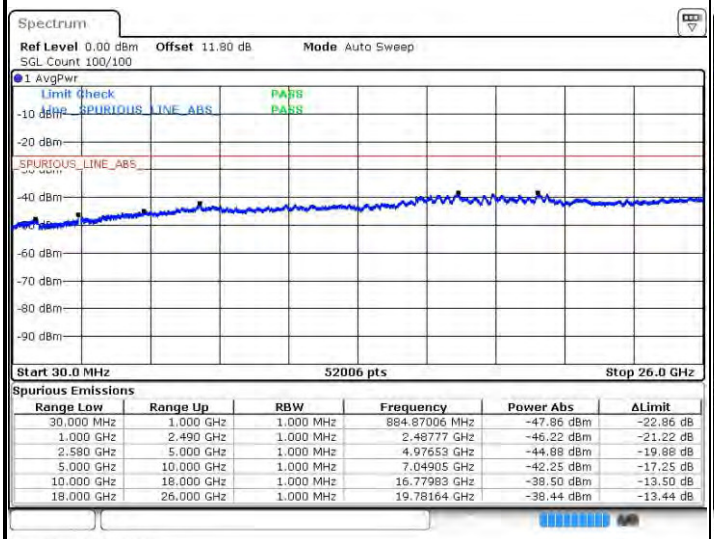
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.41879 MHz	-48.06 dBm	-23.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46691 GHz	-47.95 dBm	-22.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97556 GHz	-44.69 dBm	-19.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06354 GHz	-42.26 dBm	-17.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77983 GHz	-38.53 dBm	-13.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-38.31 dBm	-13.31 dB

Date: 22.MAY.2016 05:54:09

LTE Band 7 / 15MHz

Lowest Channel / QPSK

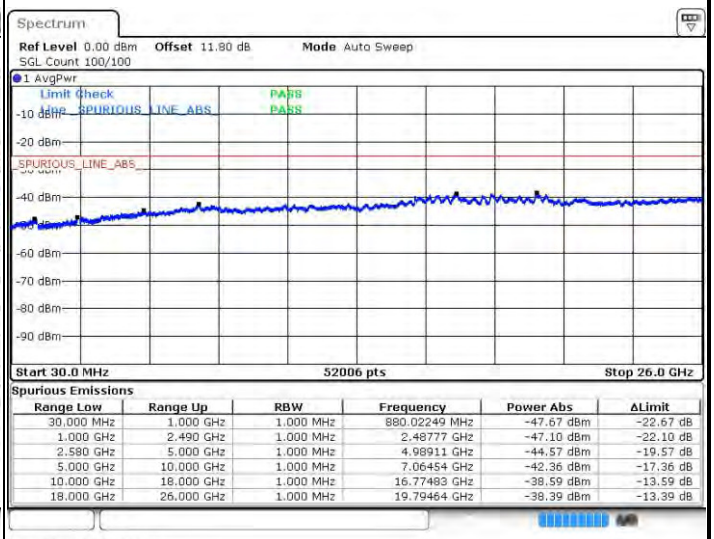


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-47.86 dBm	-22.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.22 dBm	-21.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97653 GHz	-44.88 dBm	-19.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04905 GHz	-42.25 dBm	-17.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77983 GHz	-38.50 dBm	-13.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-38.44 dBm	-13.44 dB

Date: 22.MAY.2016 05:55:02

Lowest Channel / 16QAM

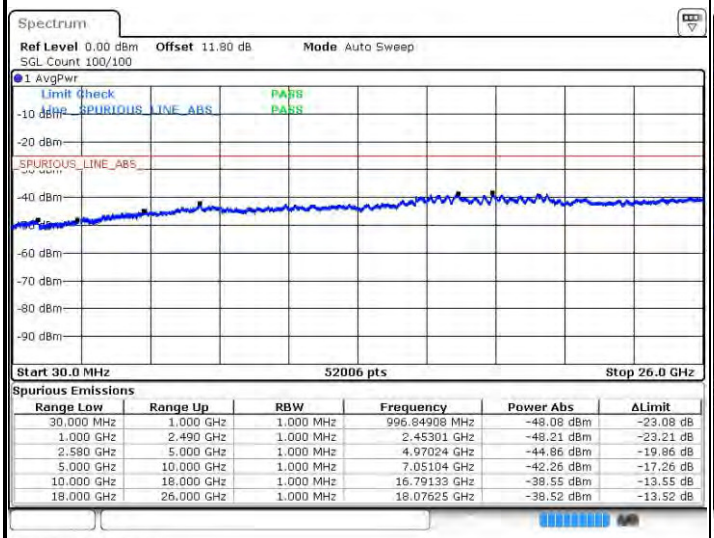


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-47.67 dBm	-22.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-44.57 dBm	-19.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06454 GHz	-42.36 dBm	-17.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77483 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79464 GHz	-38.39 dBm	-13.39 dB

Date: 22.MAY.2016 05:55:56

Middle Channel / QPSK

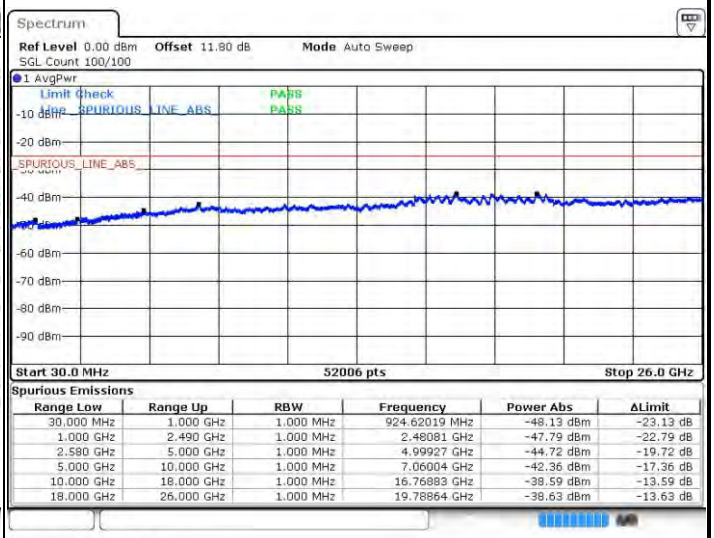


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-48.08 dBm	-23.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45301 GHz	-48.21 dBm	-23.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97024 GHz	-44.86 dBm	-19.86 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05104 GHz	-42.26 dBm	-17.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79133 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07625 GHz	-38.52 dBm	-13.52 dB

Date: 22.MAY.2016 05:56:50

Middle Channel / 16QAM



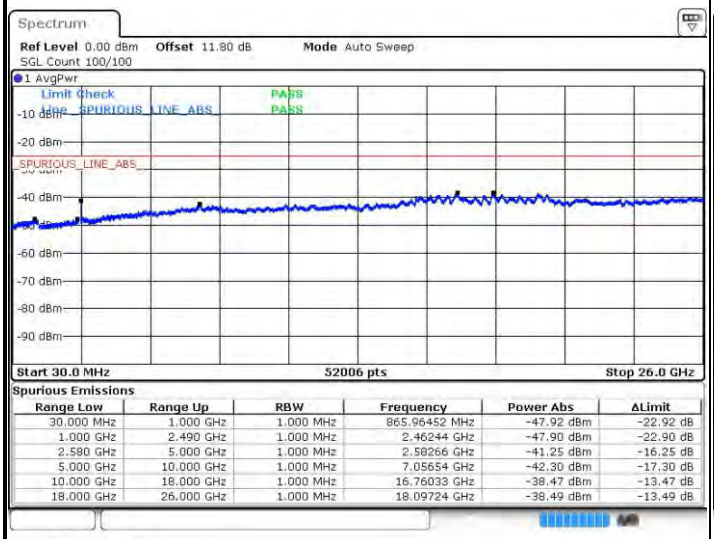
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-48.13 dBm	-23.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48081 GHz	-47.79 dBm	-22.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99927 GHz	-44.72 dBm	-19.72 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06004 GHz	-42.36 dBm	-17.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76883 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78864 GHz	-38.63 dBm	-13.63 dB

Date: 22.MAY.2016 05:57:44

LTE Band7 / 15MHz

Highest Channel / QPSK

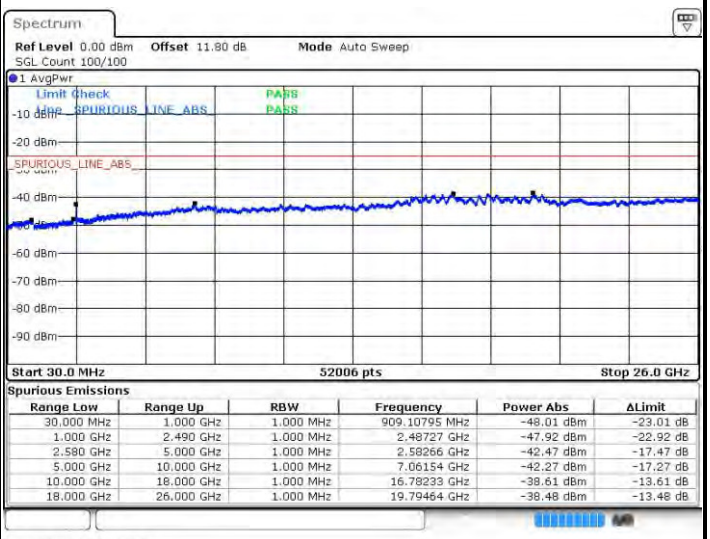


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-47.92 dBm	-22.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46244 GHz	-47.90 dBm	-22.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-41.25 dBm	-16.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05654 GHz	-42.30 dBm	-17.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76033 GHz	-38.47 dBm	-13.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.09724 GHz	-38.49 dBm	-13.49 dB

Date: 22.MAY.2016 05:58:38

Highest Channel / 16QAM



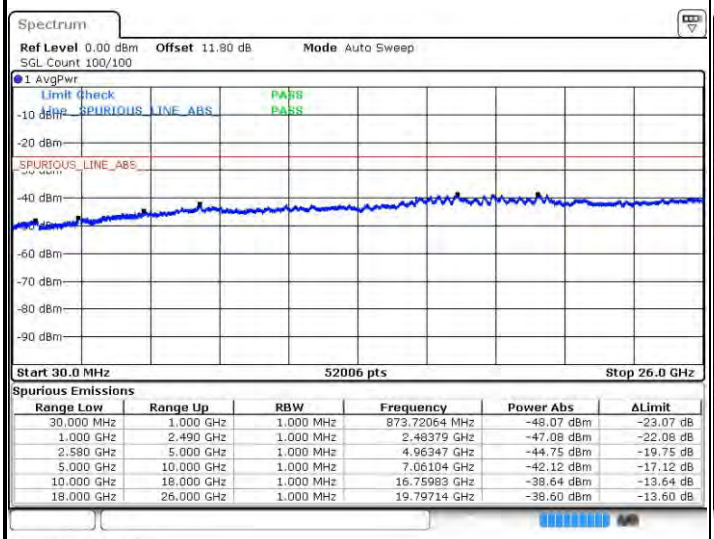
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.10795 MHz	-48.01 dBm	-23.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-47.92 dBm	-22.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-42.47 dBm	-17.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06154 GHz	-42.27 dBm	-17.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78233 GHz	-38.61 dBm	-13.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79464 GHz	-38.48 dBm	-13.48 dB

Date: 22.MAY.2016 05:59:31

LTE Band 7 / 20MHz

Lowest Channel / QPSK

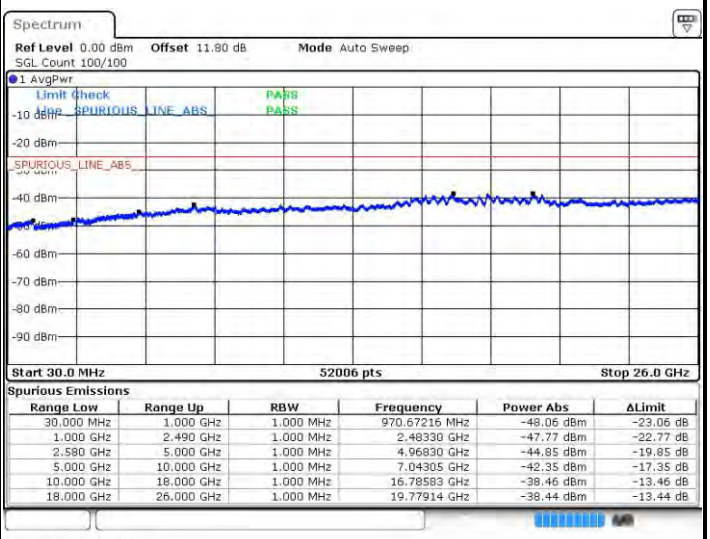


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.72064 MHz	-48.07 dBm	-23.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-47.08 dBm	-22.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96347 GHz	-44.75 dBm	-19.75 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06104 GHz	-42.12 dBm	-17.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.75983 GHz	-38.64 dBm	-13.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-38.60 dBm	-13.60 dB

Date: 22.MAY.2016 06:00:25

Lowest Channel / 16QAM



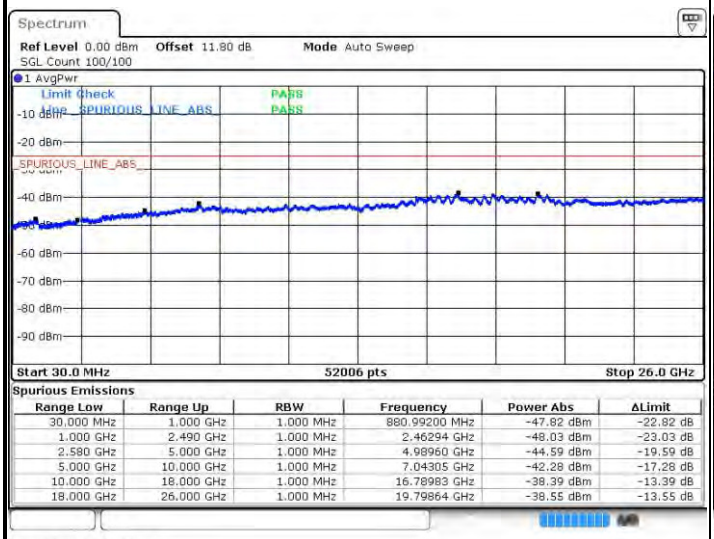
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-48.06 dBm	-23.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-47.77 dBm	-22.77 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96830 GHz	-44.85 dBm	-19.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04305 GHz	-42.35 dBm	-17.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78583 GHz	-38.46 dBm	-13.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77914 GHz	-38.44 dBm	-13.44 dB

Date: 22.MAY.2016 06:01:19

LTE Band 7 / 20MHz

Middle Channel / QPSK

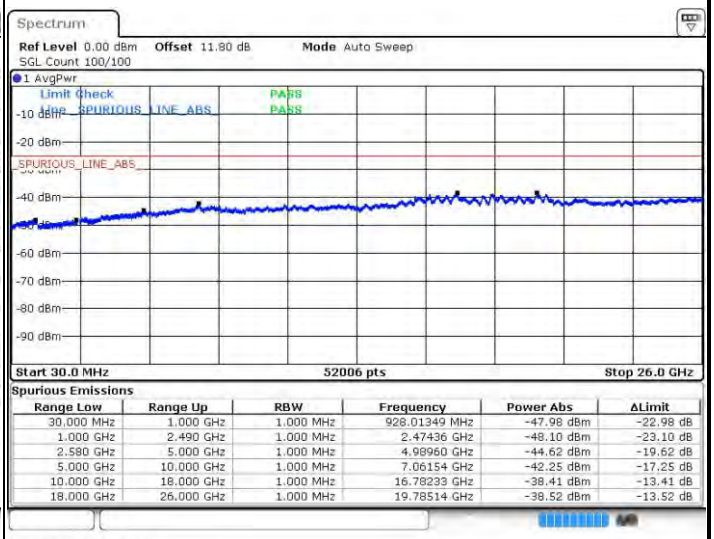


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-47.82 dBm	-22.82 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46294 GHz	-48.03 dBm	-23.03 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98960 GHz	-44.59 dBm	-19.59 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04305 GHz	-42.28 dBm	-17.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78983 GHz	-38.39 dBm	-13.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79864 GHz	-38.55 dBm	-13.55 dB

Date: 22.MAY.2016 06:02:13

Middle Channel / 16QAM

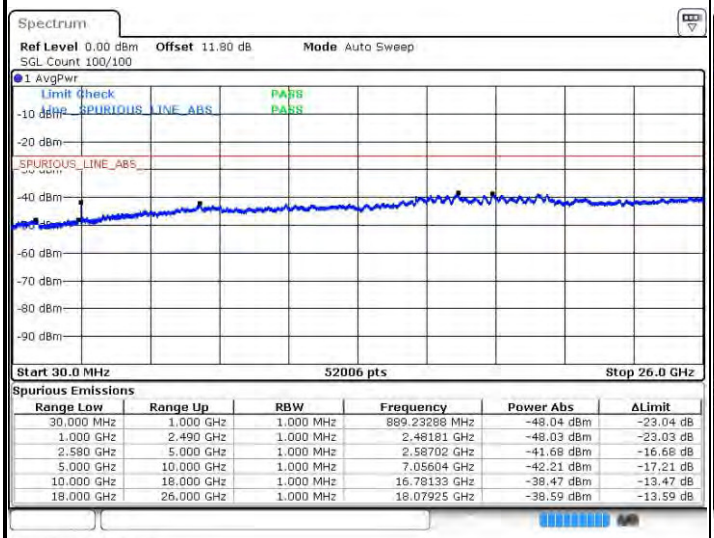


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-47.98 dBm	-22.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47436 GHz	-48.10 dBm	-23.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98960 GHz	-44.62 dBm	-19.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06154 GHz	-42.25 dBm	-17.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78233 GHz	-38.41 dBm	-13.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78514 GHz	-38.52 dBm	-13.52 dB

Date: 22.MAY.2016 06:03:06

Highest Channel / QPSK

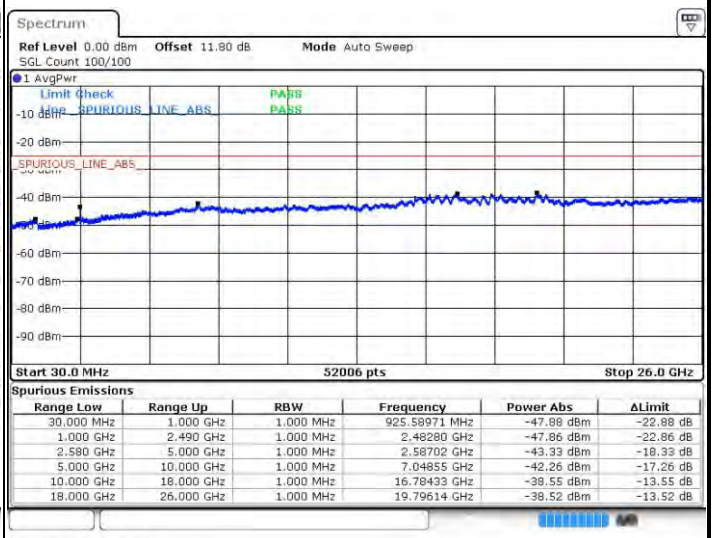


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.23288 MHz	-48.04 dBm	-23.04 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-48.03 dBm	-23.03 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-41.68 dBm	-16.68 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05604 GHz	-42.21 dBm	-17.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78133 GHz	-38.47 dBm	-13.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07925 GHz	-38.59 dBm	-13.59 dB

Date: 22.MAY.2016 06:04:00

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-47.88 dBm	-22.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-47.86 dBm	-22.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-43.33 dBm	-18.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04855 GHz	-42.26 dBm	-17.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78433 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79614 GHz	-38.52 dBm	-13.52 dB

Date: 22.MAY.2016 06:04:54

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0089	
-10	Normal Voltage	0.0082	
-20	Normal Voltage	0.0085	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3V.；Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 12

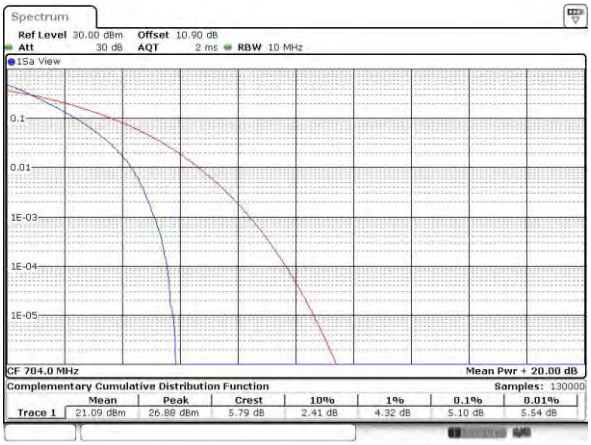
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.58	5.1	5.22	5.97	PASS
Middle CH	4.46	5.22	4.9	6.03	
Highest CH	4.61	5.16	5.57	6.03	

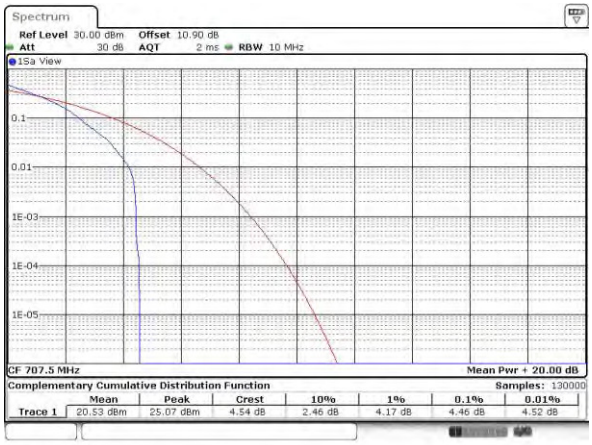
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB

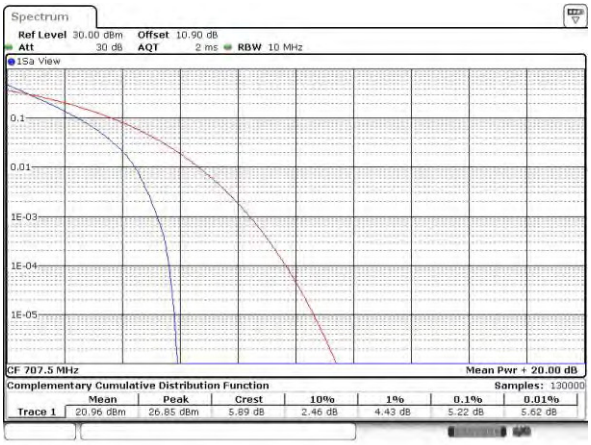
Lowest Channel / Full RB



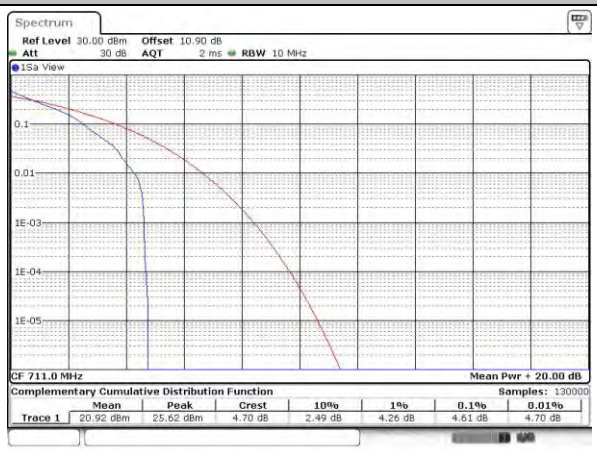
Middle Channel / 1RB



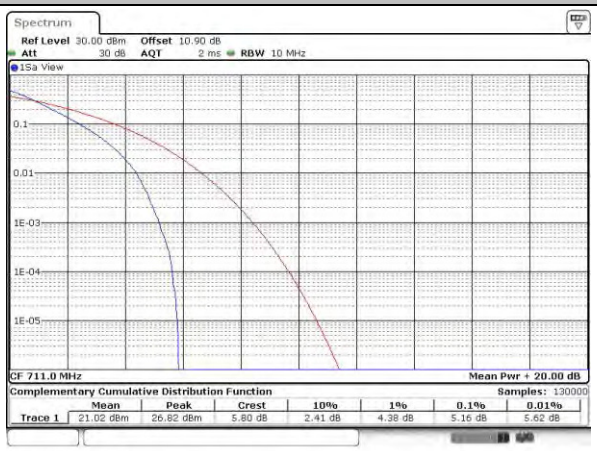
Middle Channel / Full RB



Highest Channel / 1RB

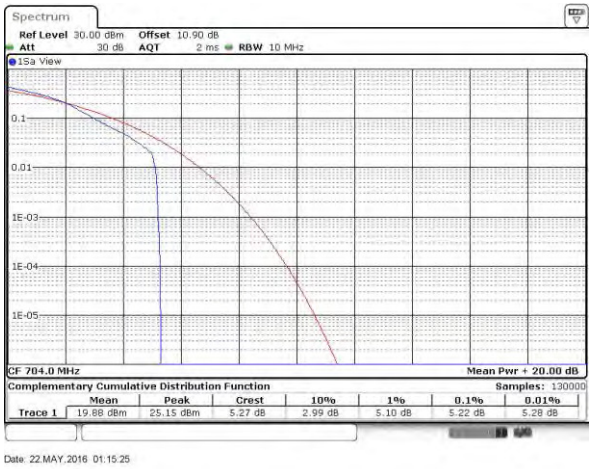


Highest Channel / Full RB

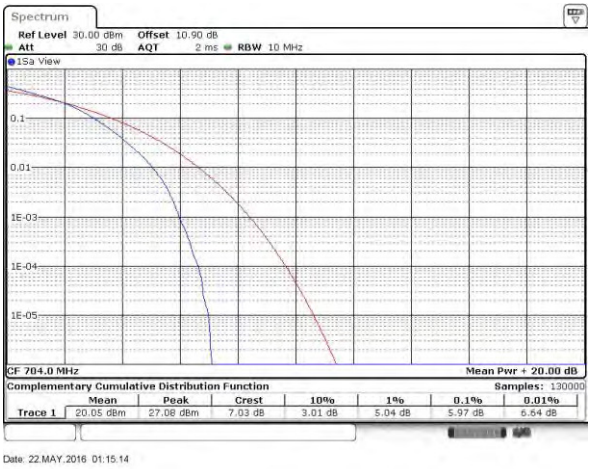


LTE Band 12 / 10MHz / 16QAM

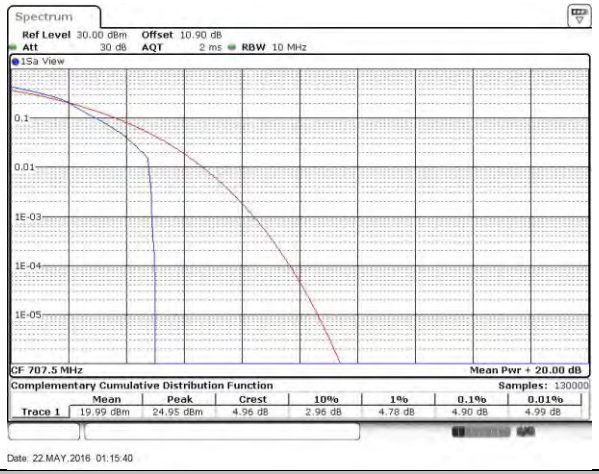
Lowest Channel / 1RB



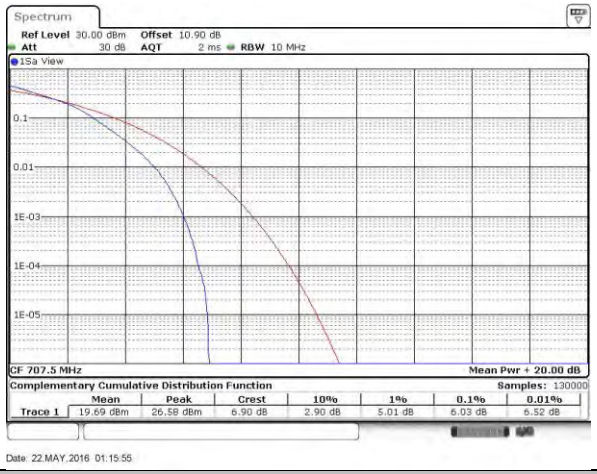
Lowest Channel / Full RB



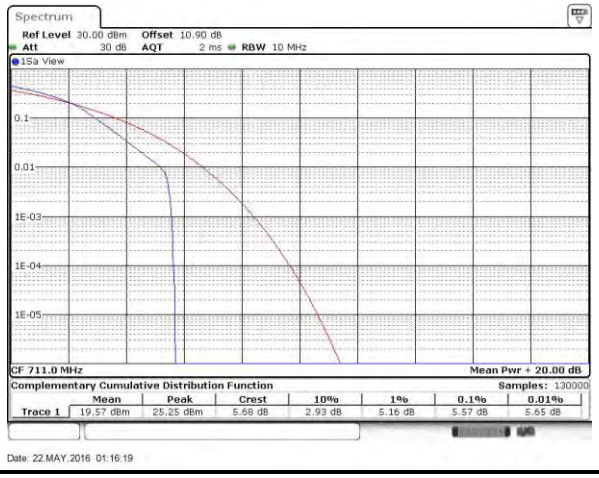
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



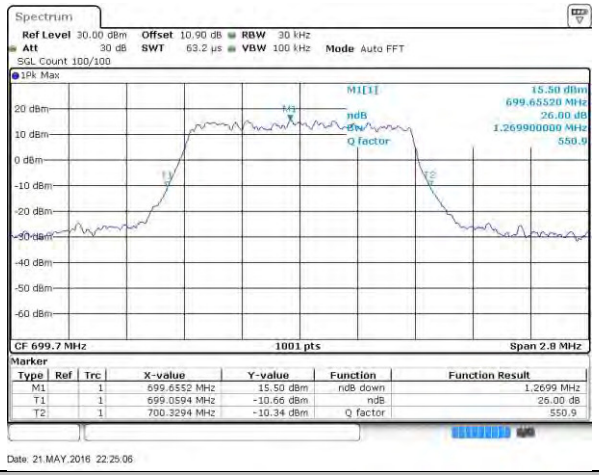
Highest Channel / Full RB

26dB Bandwidth

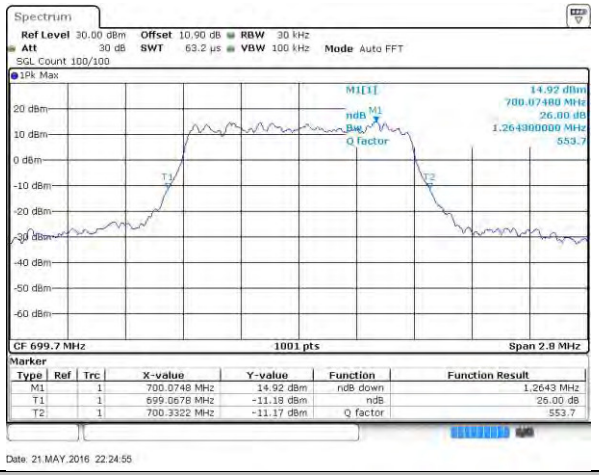
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.27	1.26	3.02	3.03	5	4.94	9.85	9.91	-	-	-	-
Middle CH	1.26	1.25	3.02	2.99	4.91	4.85	9.95	9.79	-	-	-	-
Highest CH	1.3	1.28	3.02	3	4.99	4.85	9.85	9.75	-	-	-	-

LTE Band 12

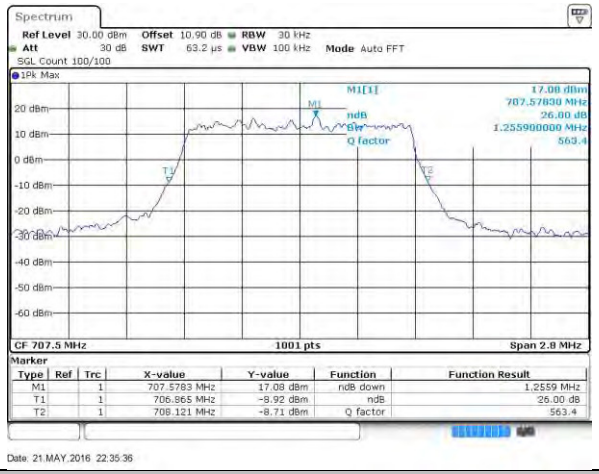
Lowest Channel / 1.4MHz / QPSK



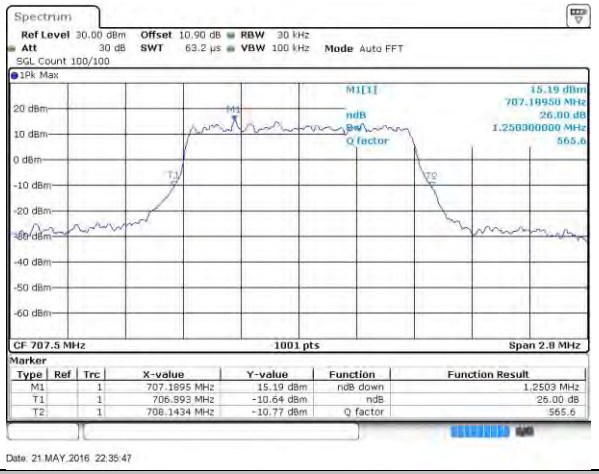
Lowest Channel / 1.4MHz / 16QAM



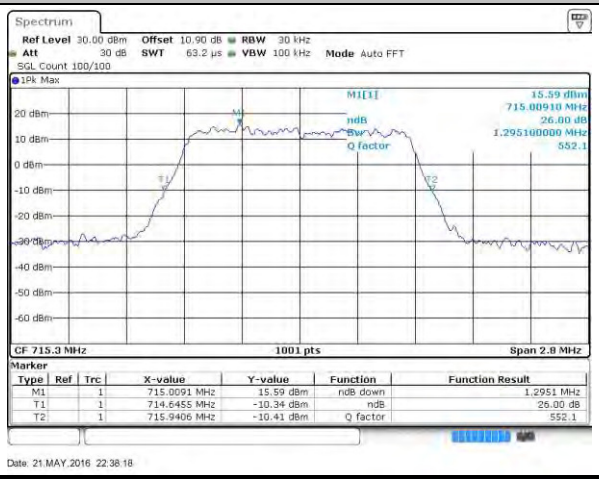
Middle Channel / 1.4MHz / QPSK



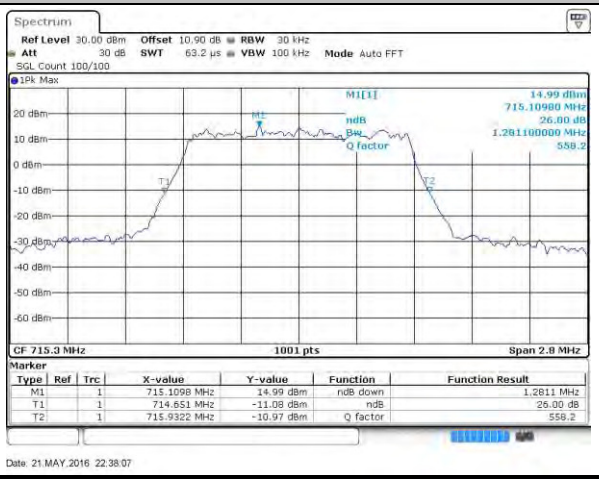
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

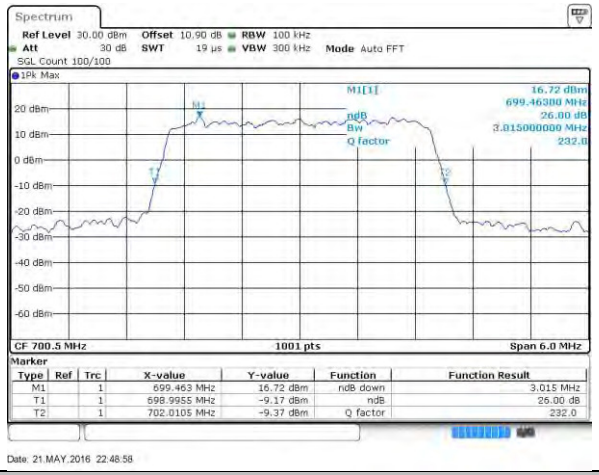


Highest Channel / 1.4MHz / 16QAM

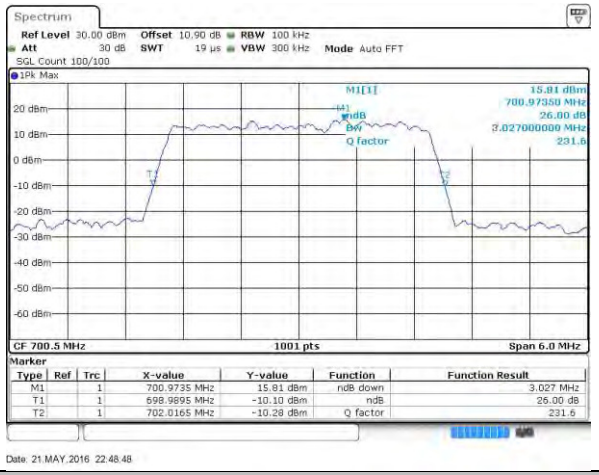


LTE Band 12

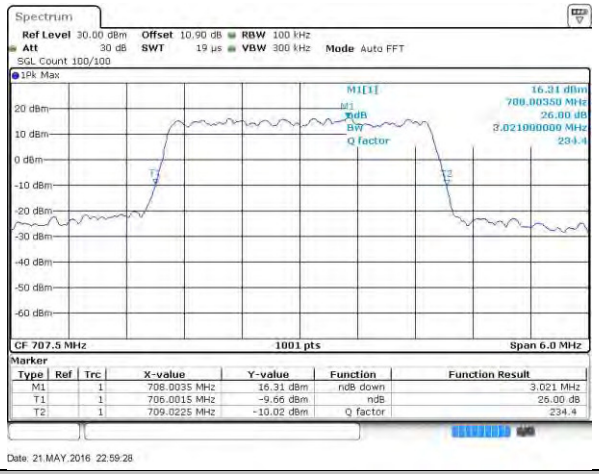
Lowest Channel / 3MHz / QPSK



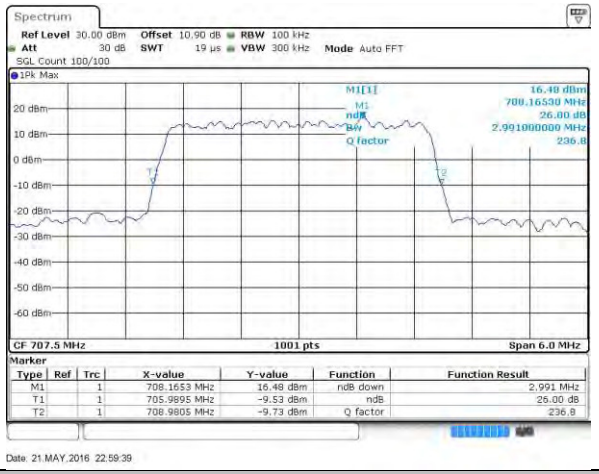
Lowest Channel / 3MHz / 16QAM



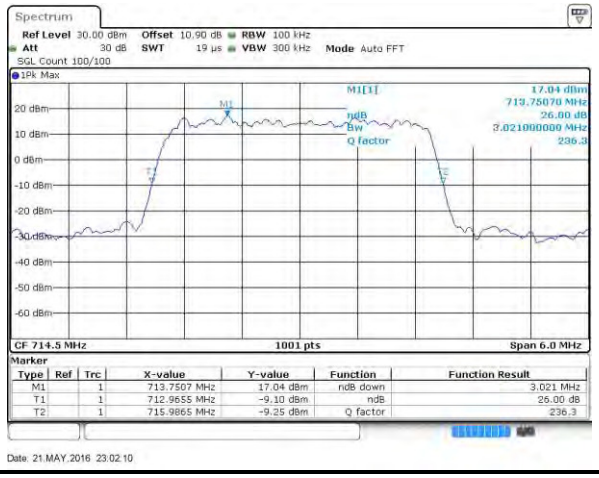
Middle Channel / 3MHz / QPSK



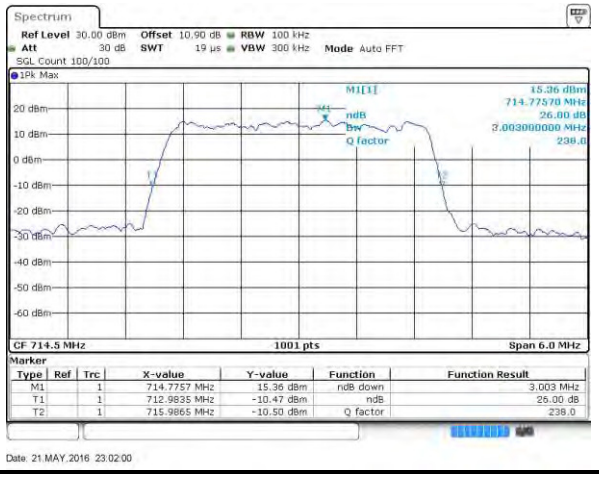
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

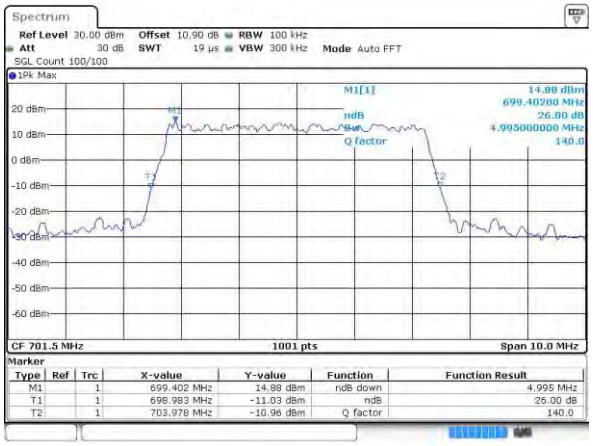


Highest Channel /3MHz / 16QAM

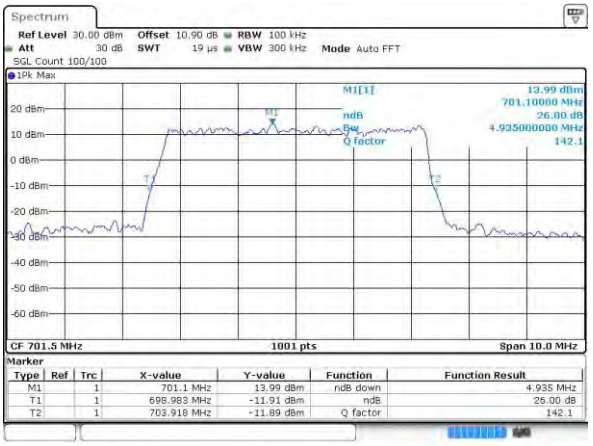


LTE Band 12

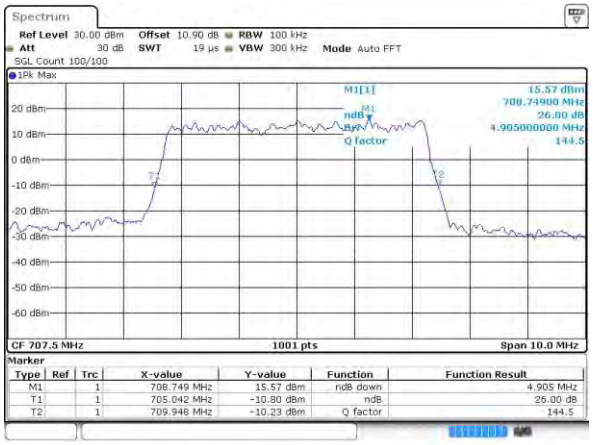
Lowest Channel / 5MHz / QPSK



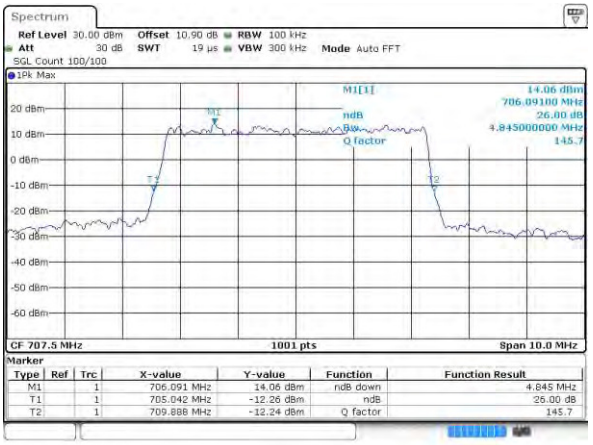
Lowest Channel / 5MHz / 16QAM



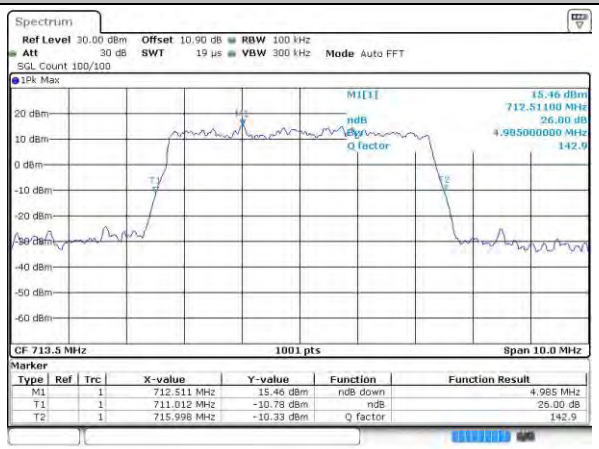
Middle Channel / 5MHz / QPSK



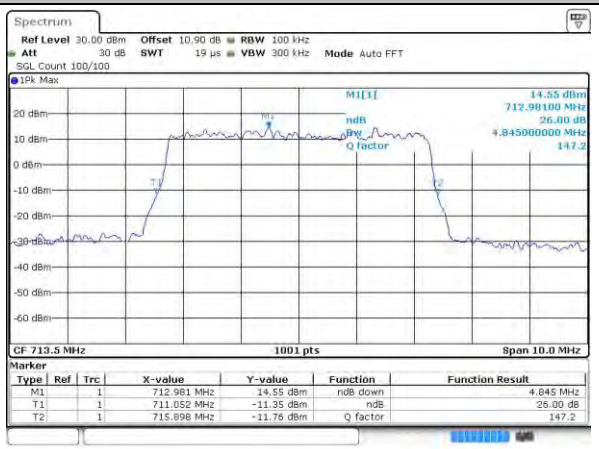
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

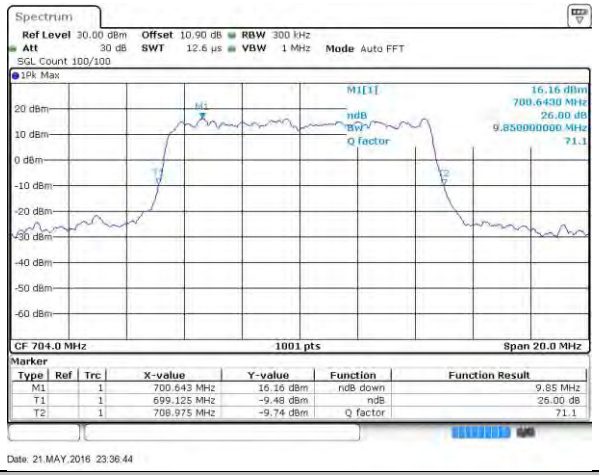


Highest Channel / 5MHz / 16QAM

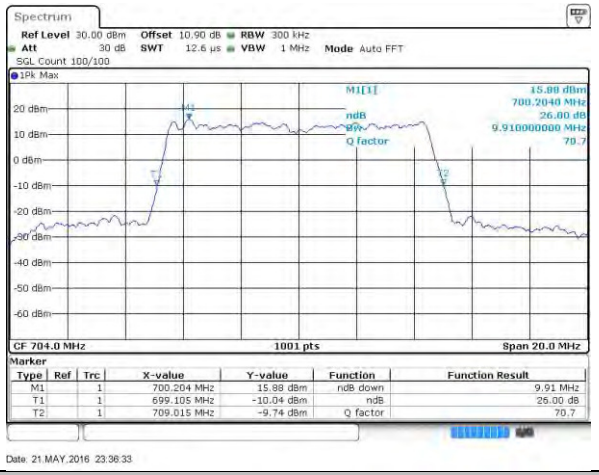


LTE Band 12

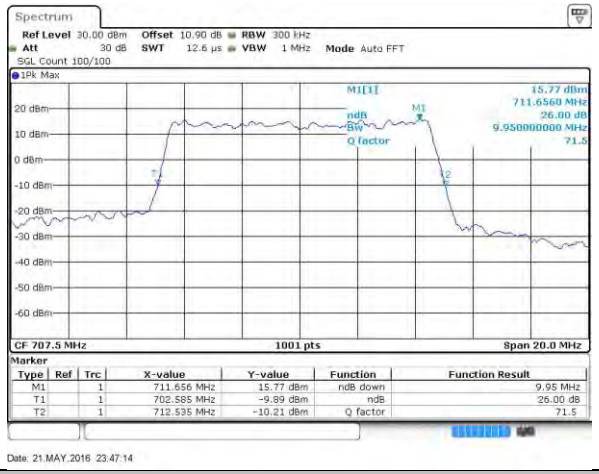
Lowest Channel / 10MHz / QPSK



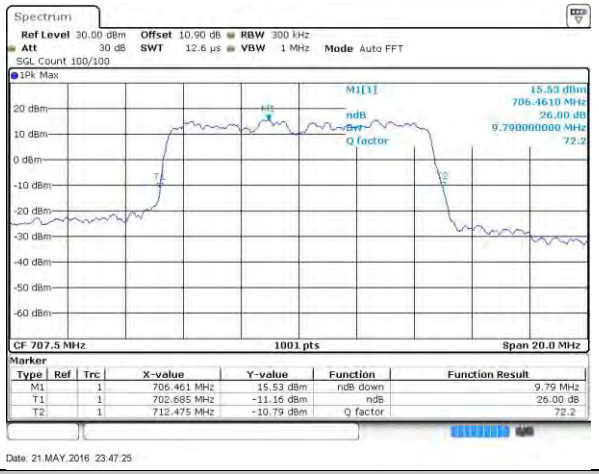
Lowest Channel / 10MHz / 16QAM



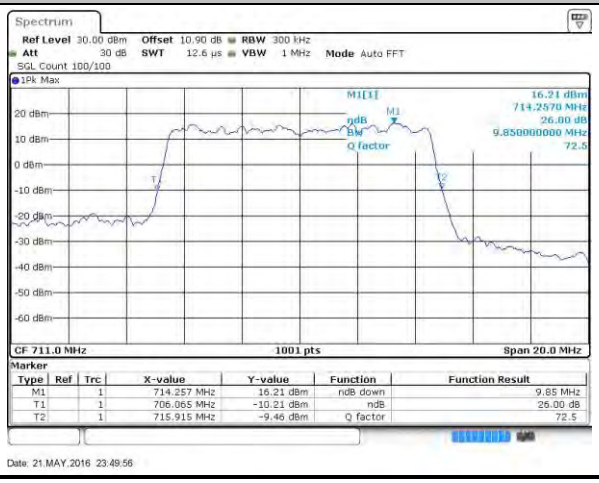
Middle Channel / 10MHz / QPSK



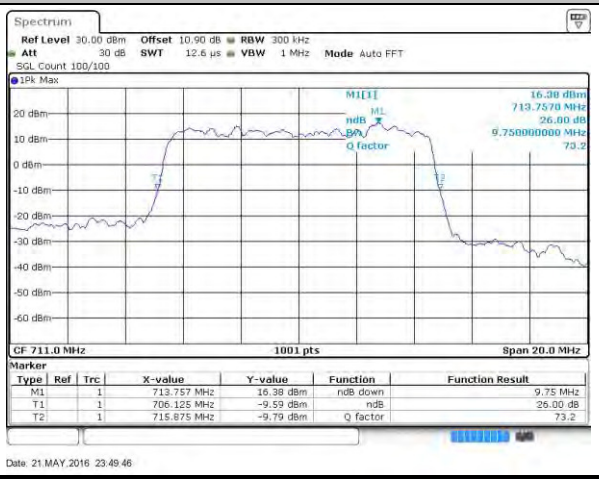
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



Occupied Bandwidth

Mode	LTE Band 12 : 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	1.1	1.09	2.72	2.72	4.5	4.5	9.09	9.07	-	-	-	-
Middle CH	1.1	1.09	2.73	2.7	4.51	4.5	9.03	9.05	-	-	-	-
Highest CH	1.1	1.1	2.72	2.7	4.49	4.5	9.05	9.03	-	-	-	-