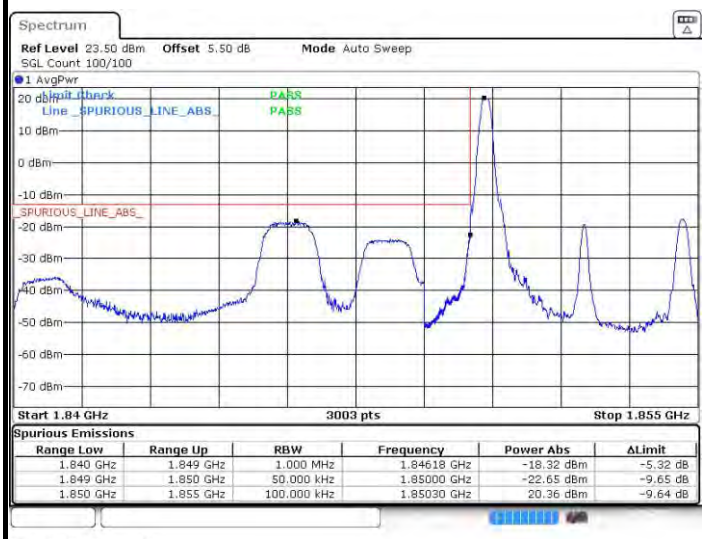
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB

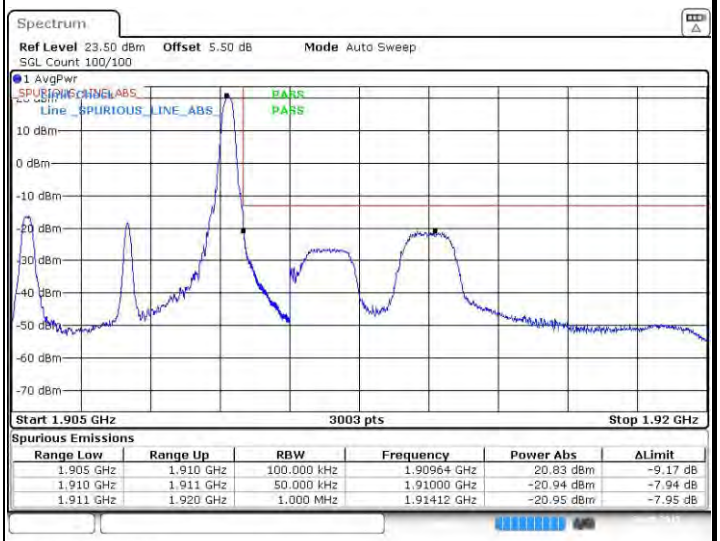


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84618 GHz	-18.32 dBm	-5.32 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-22.65 dBm	-9.65 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85030 GHz	20.36 dBm	-9.64 dB

Date: 24.AUG.2015 22:16:47

Highest Band Edge / 1 RB

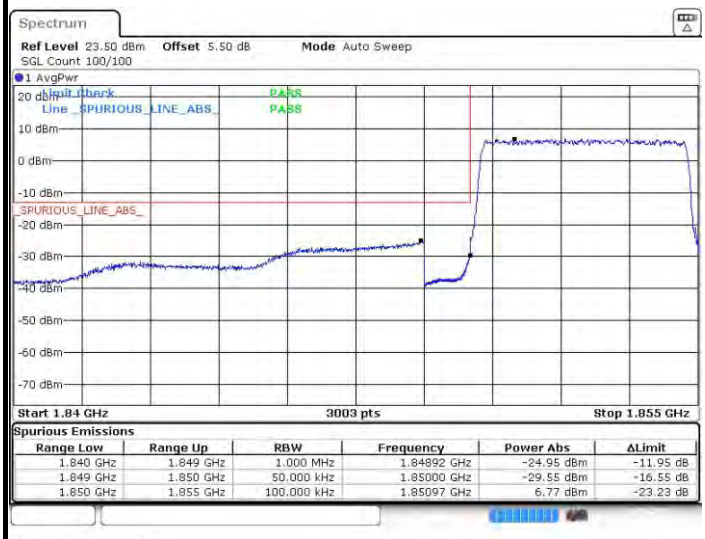


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90964 GHz	20.83 dBm	-9.17 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-20.94 dBm	-7.94 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91412 GHz	-20.95 dBm	-7.95 dB

Date: 24.AUG.2015 22:26:25

Lowest Band Edge / Full RB

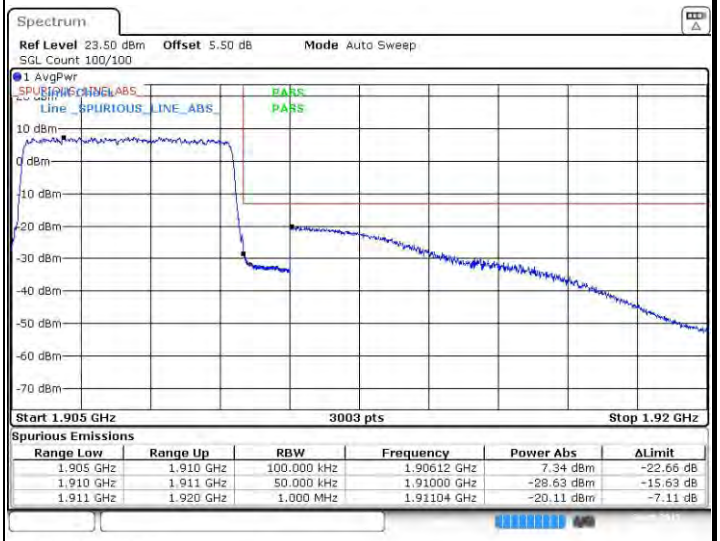


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84892 GHz	-24.95 dBm	-11.95 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-29.55 dBm	-16.55 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85097 GHz	6.77 dBm	-23.23 dB

Date: 24.AUG.2015 22:19:03

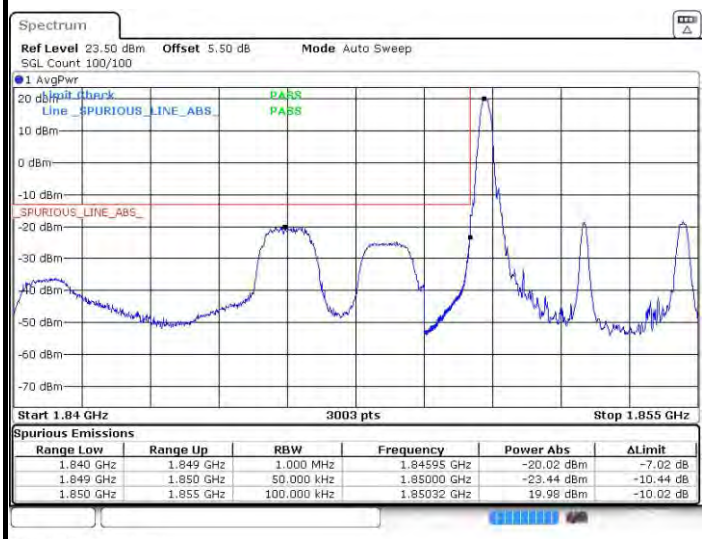
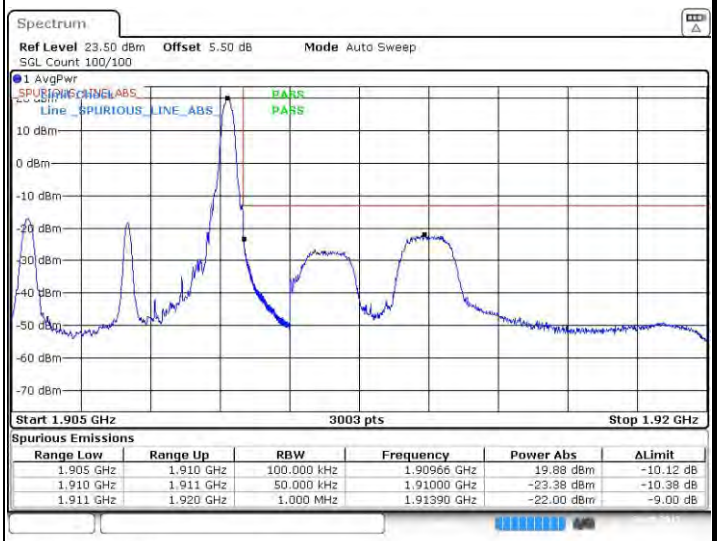
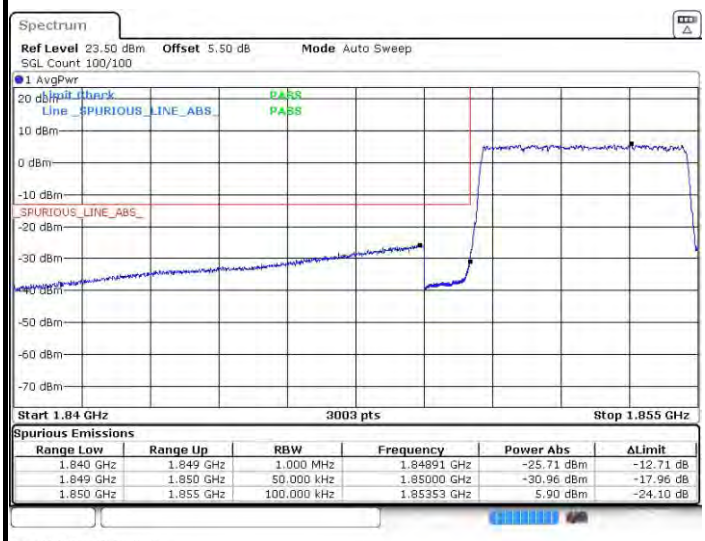
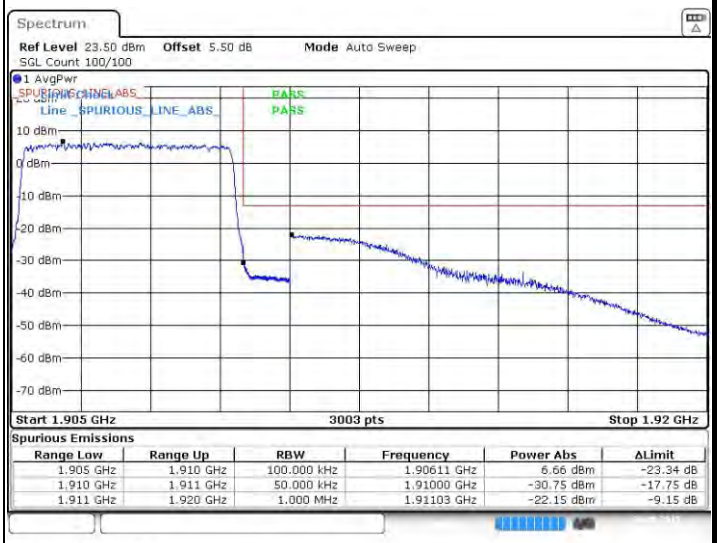
Highest Band Edge / Full RB



Spurious Emissions

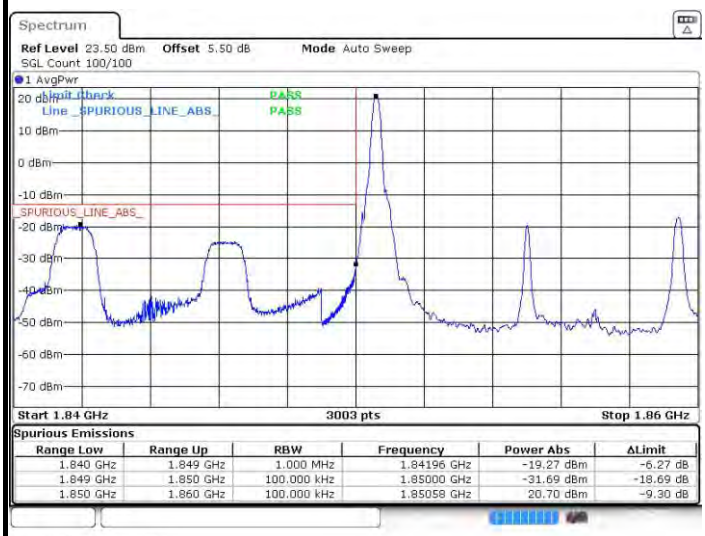
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90612 GHz	7.34 dBm	-22.66 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-28.63 dBm	-15.63 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91104 GHz	-20.11 dBm	-7.11 dB

Date: 24.AUG.2015 22:28:41

LTE Band 2 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

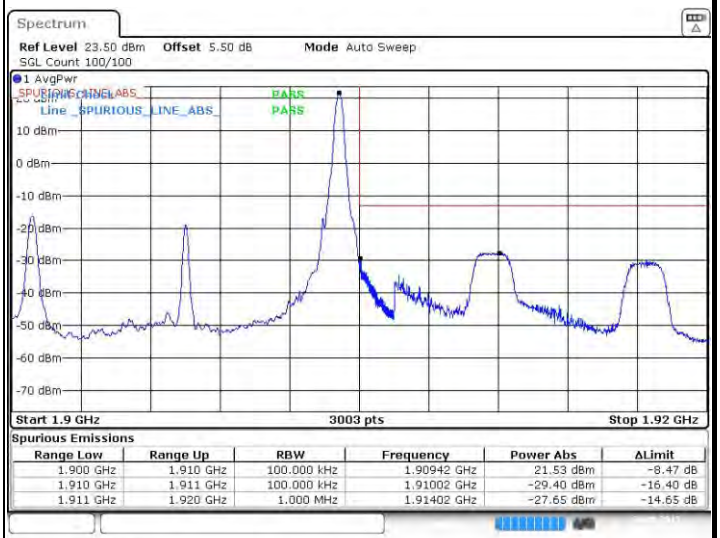
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



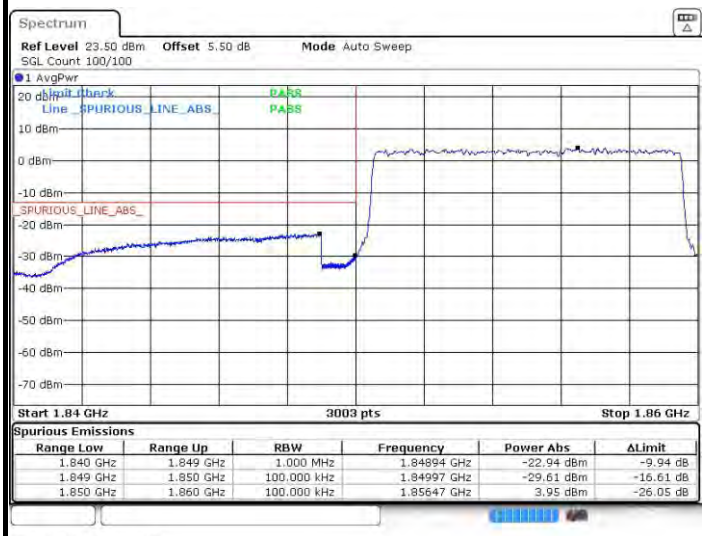
Date: 24.AUG.2015 22:33:30

Highest Band Edge / 1 RB



Date: 24.AUG.2015 22:43:08

Lowest Band Edge / Full RB



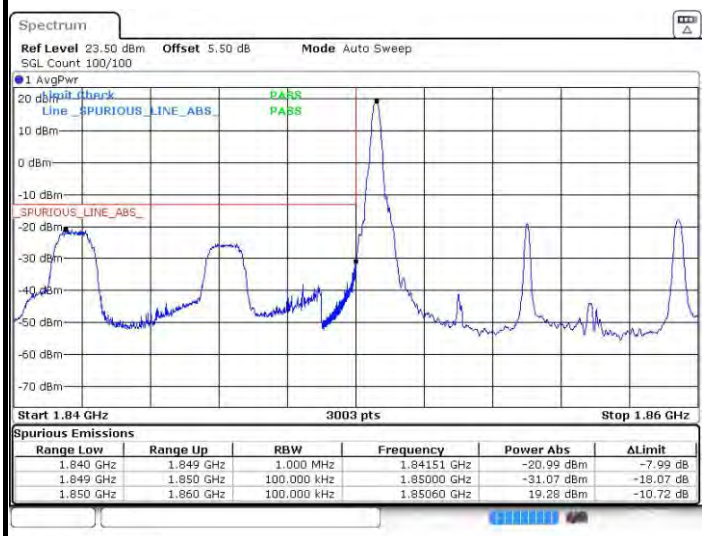
Date: 24.AUG.2015 22:35:46

Highest Band Edge / Full RB

Date: 24.AUG.2015 22:45:24

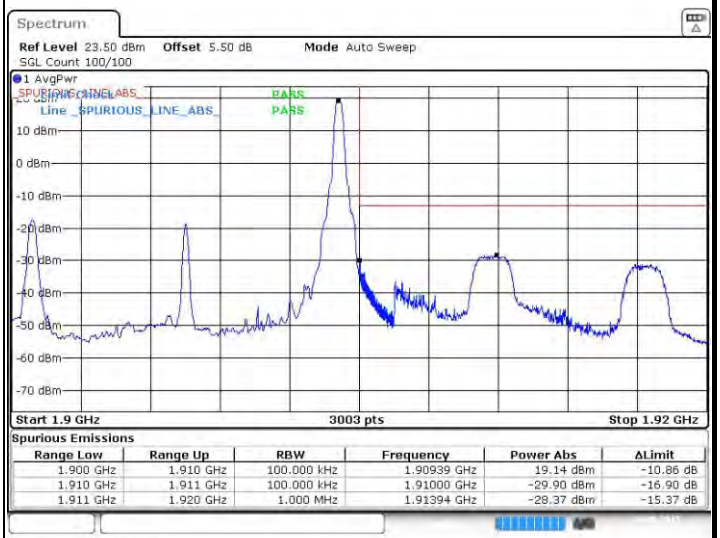
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



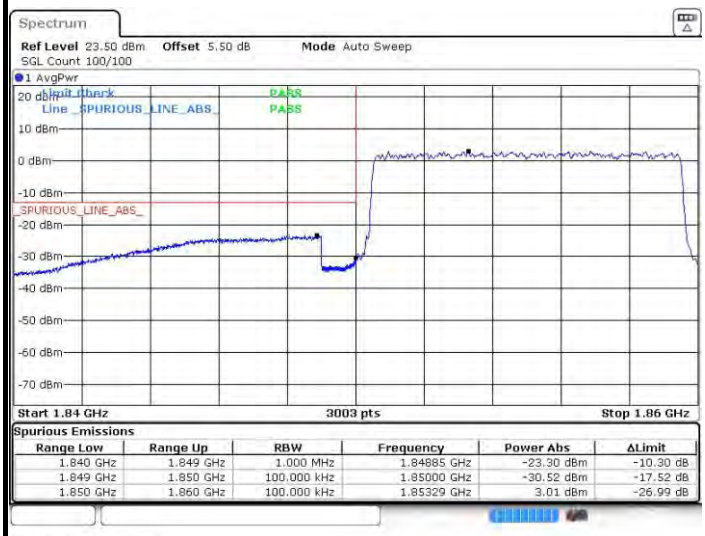
Date: 24.AUG.2015 22:34:38

Highest Band Edge / 1 RB



Date: 24.AUG.2015 22:44:16

Lowest Band Edge / Full RB



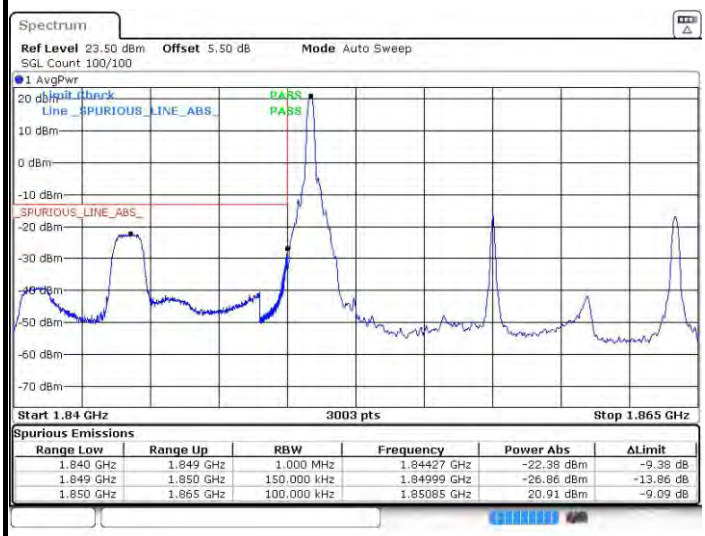
Date: 24.AUG.2015 22:36:54

Highest Band Edge / Full RB

Date: 24.AUG.2015 22:46:32

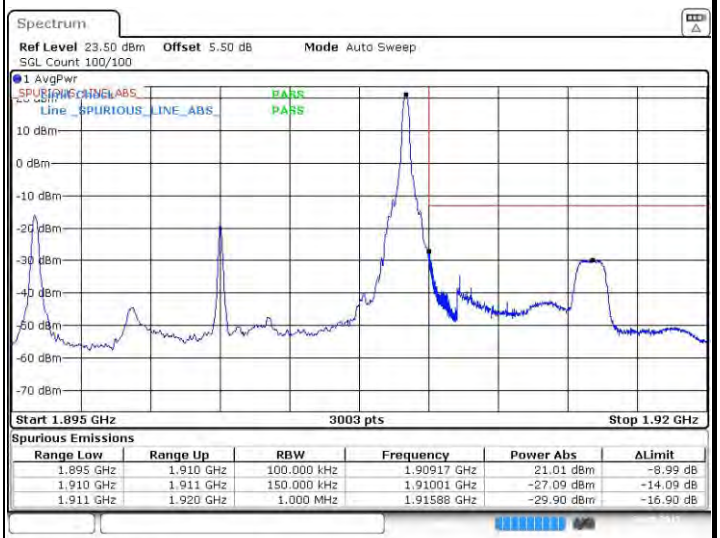
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



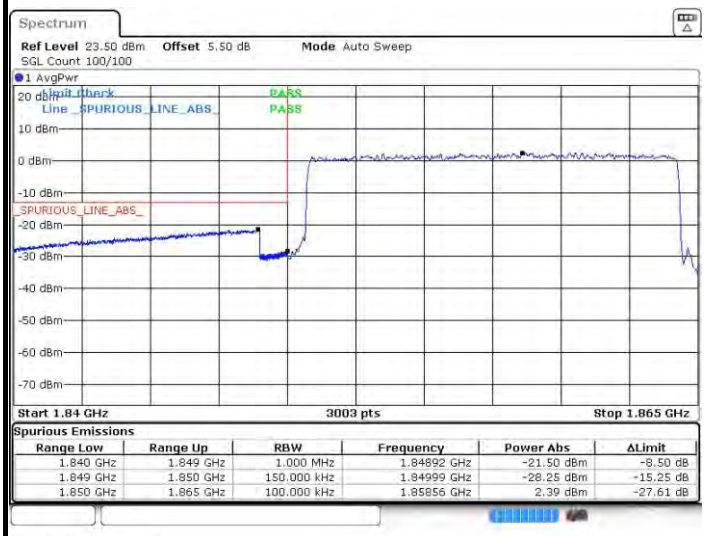
Date: 24.AUG.2015 22:50:13

Highest Band Edge / 1 RB



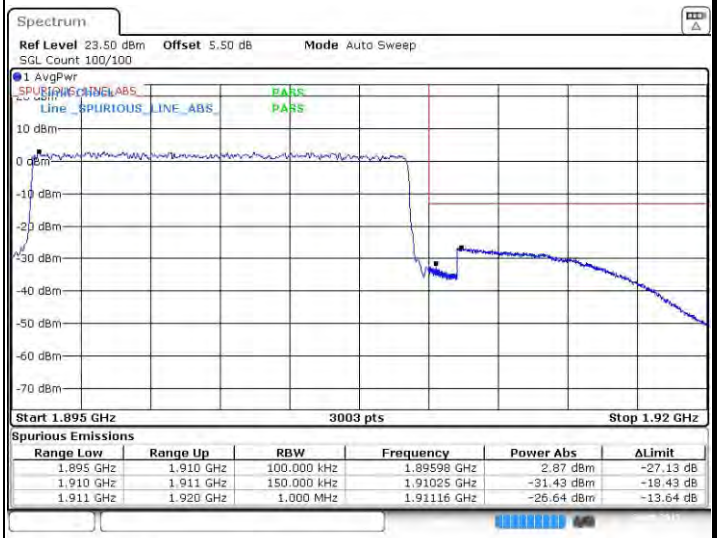
Date: 24.AUG.2015 22:59:51

Lowest Band Edge / Full RB



Date: 24.AUG.2015 22:52:29

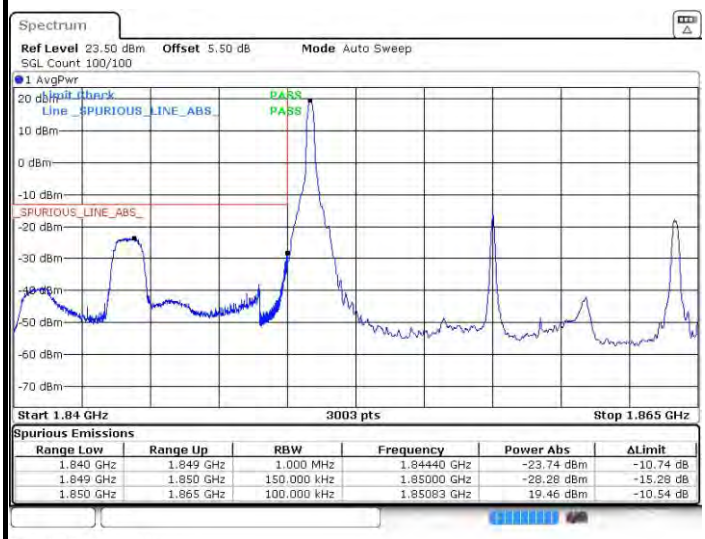
Highest Band Edge / Full RB



Date: 24.AUG.2015 23:02:07

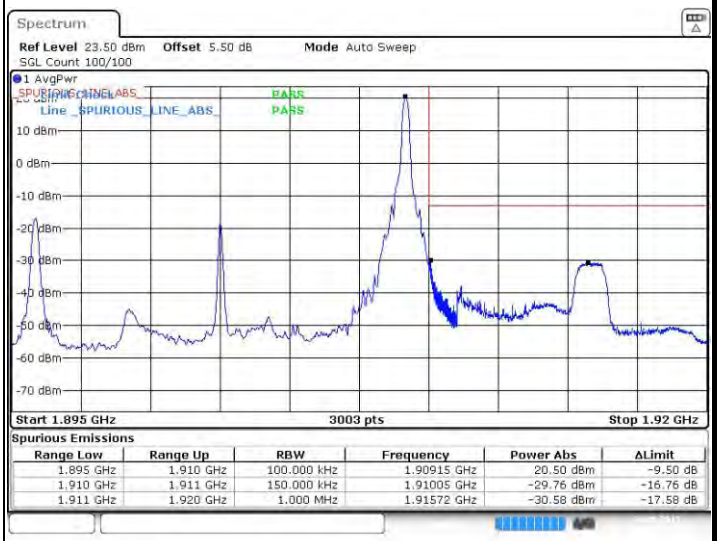
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



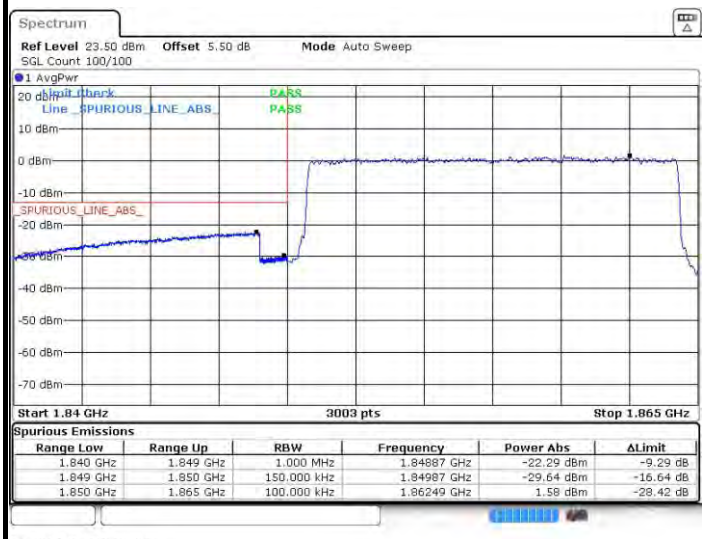
Date: 24.AUG.2015 22:51:21

Highest Band Edge / 1 RB



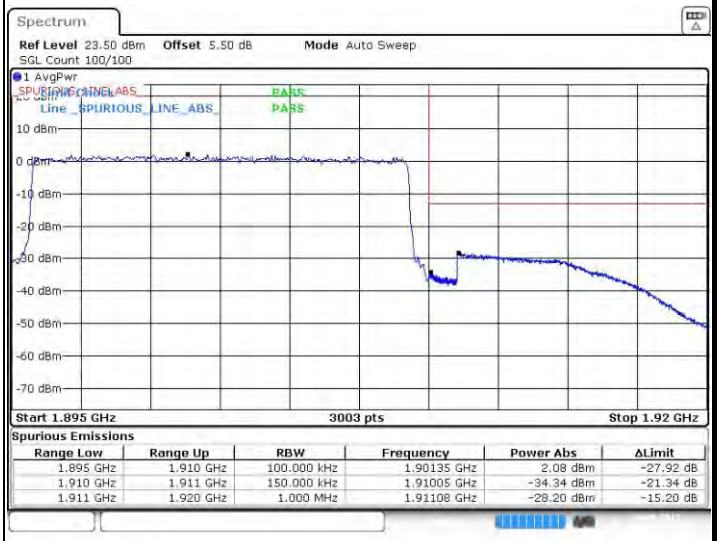
Date: 24.AUG.2015 23:00:59

Lowest Band Edge / Full RB

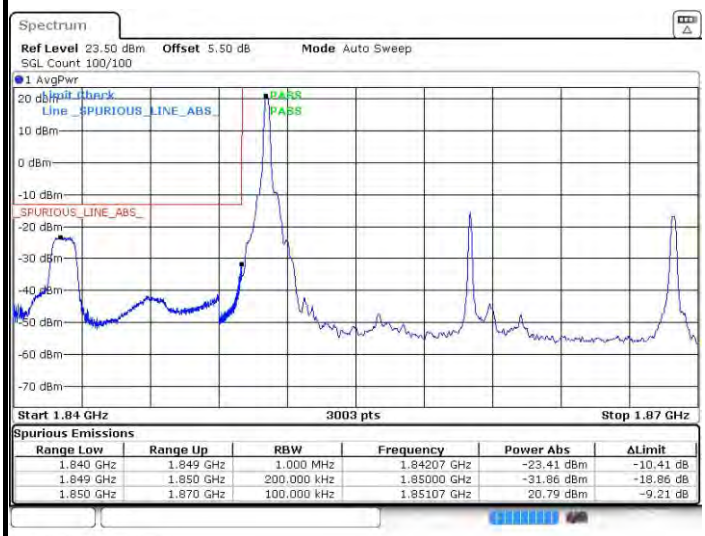
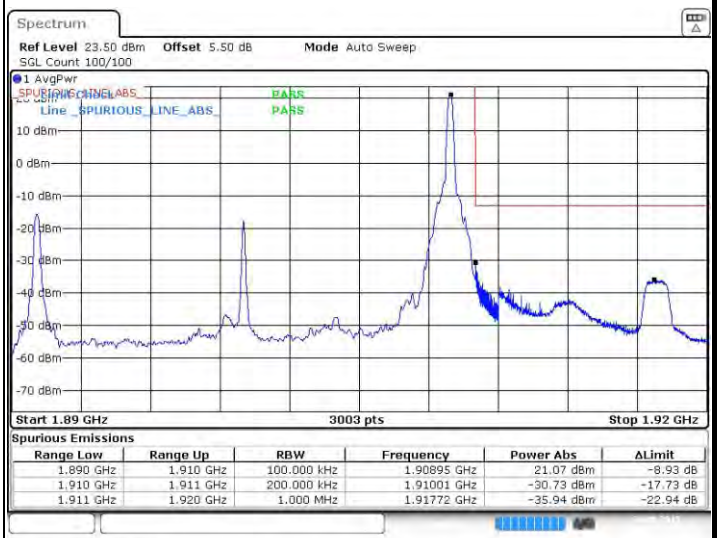
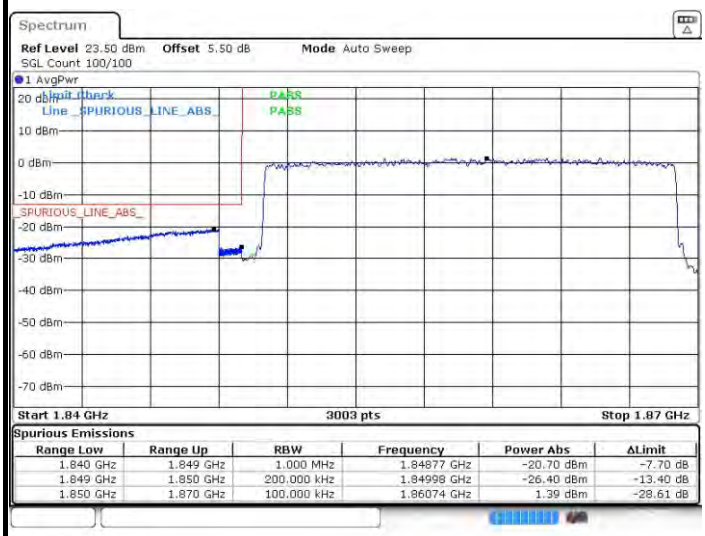
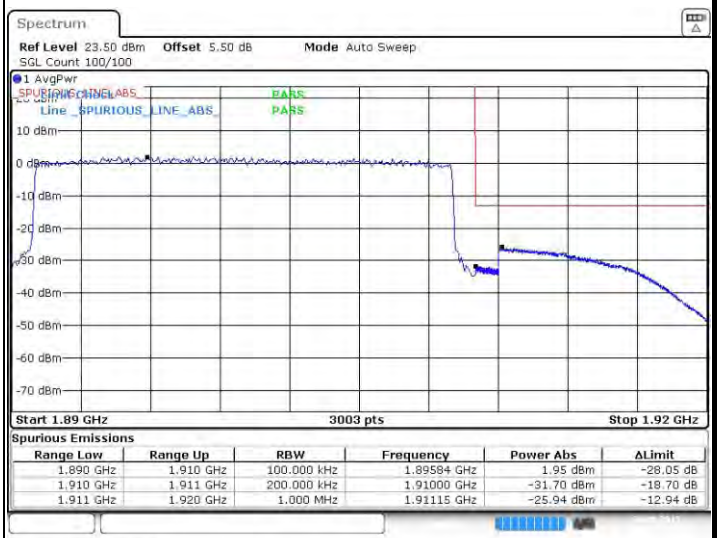


Date: 24.AUG.2015 22:53:37

Highest Band Edge / Full RB

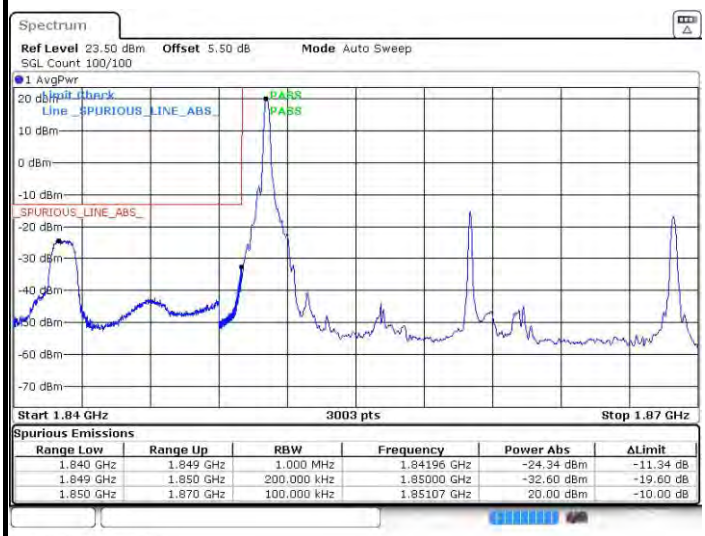


Date: 24.AUG.2015 23:03:15

LTE Band 2 / 20MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

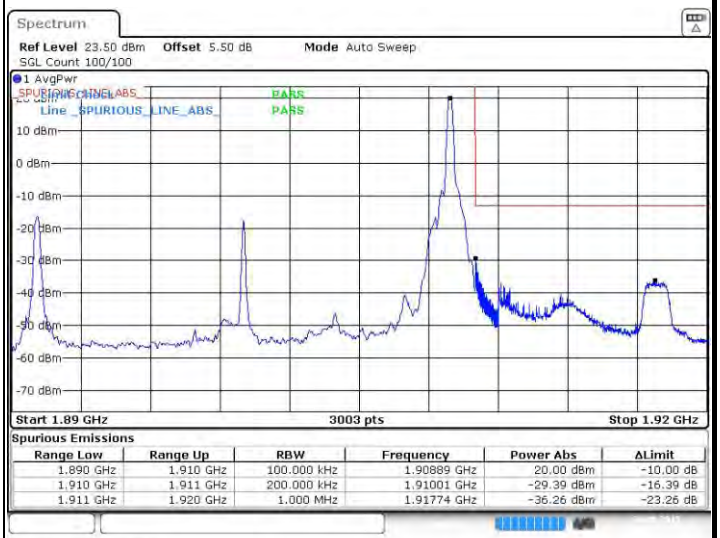
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



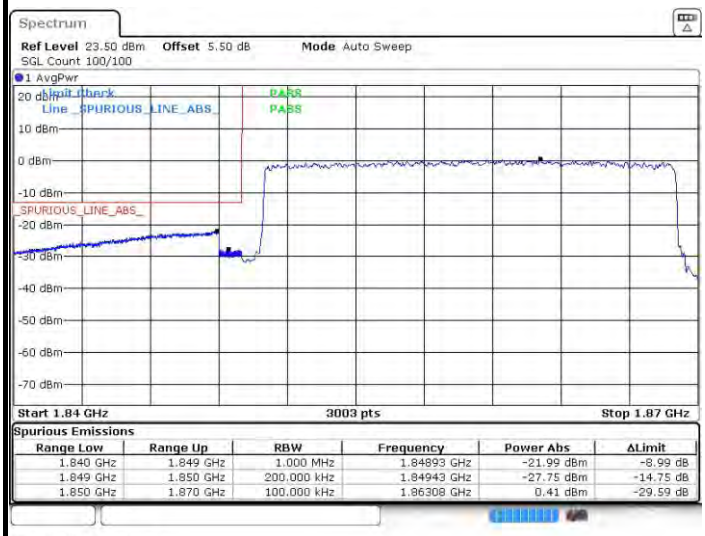
Date: 24.AUG.2015 23:08:04

Highest Band Edge / 1 RB



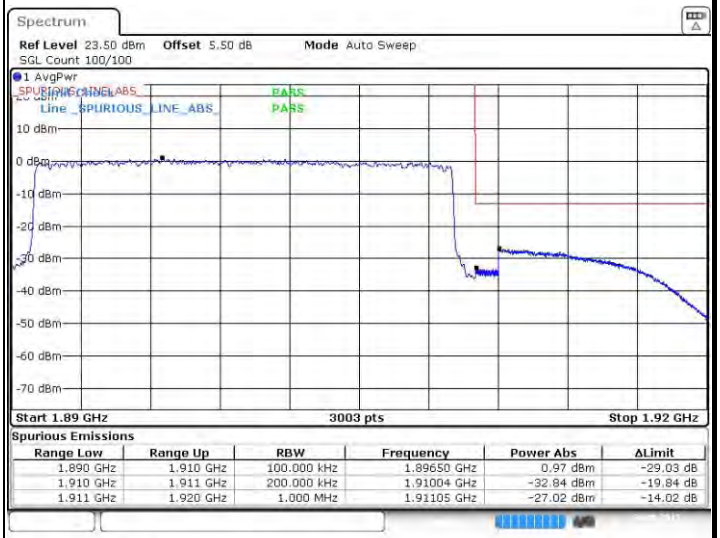
Date: 24.AUG.2015 23:17:41

Lowest Band Edge / Full RB



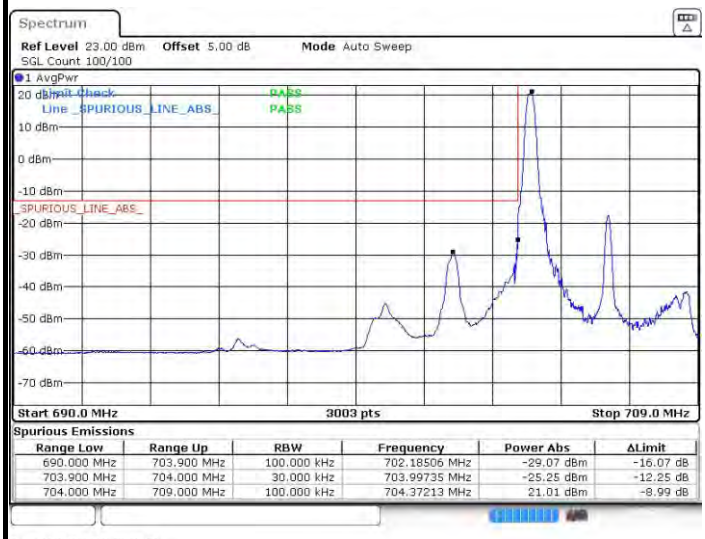
Date: 24.AUG.2015 23:10:20

Highest Band Edge / Full RB



Date: 24.AUG.2015 23:19:57

LTE Band 17 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



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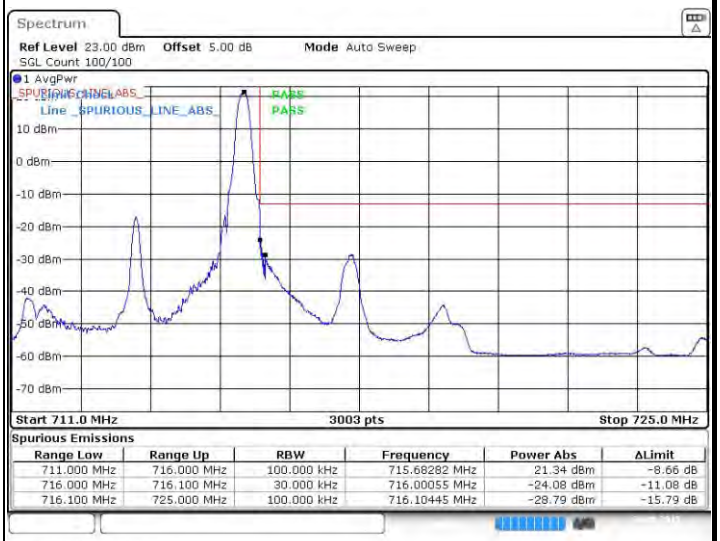
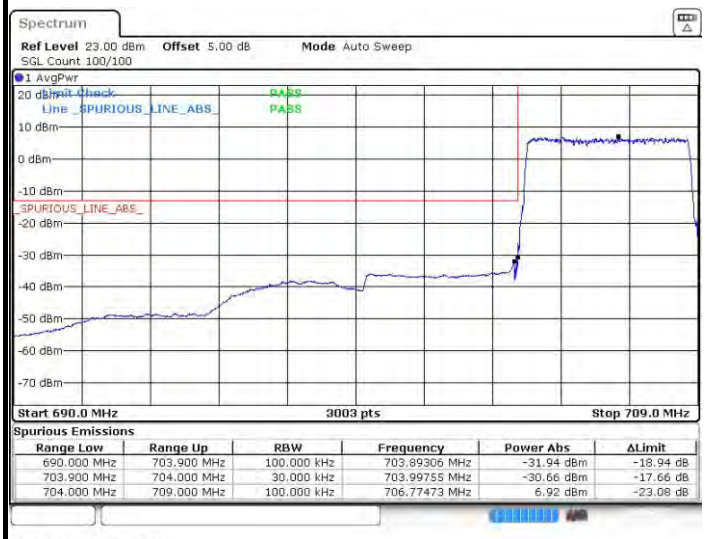
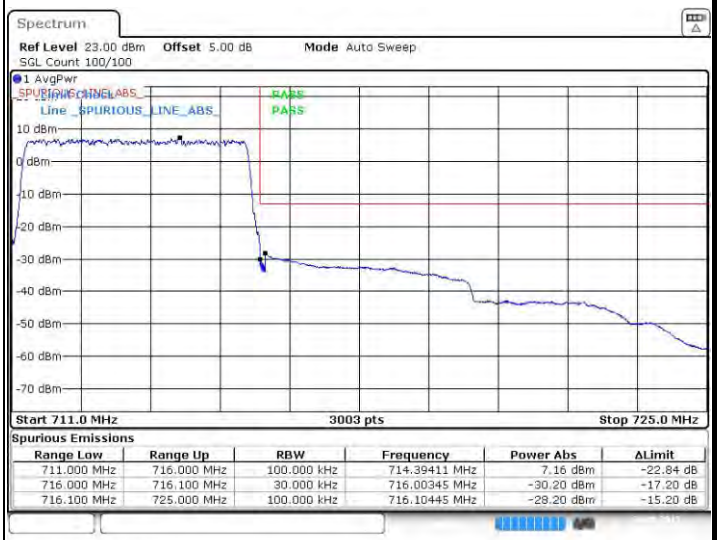


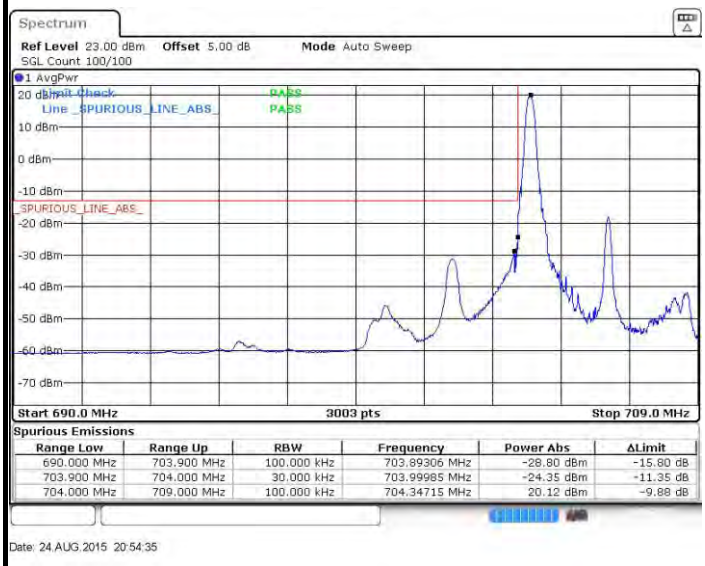
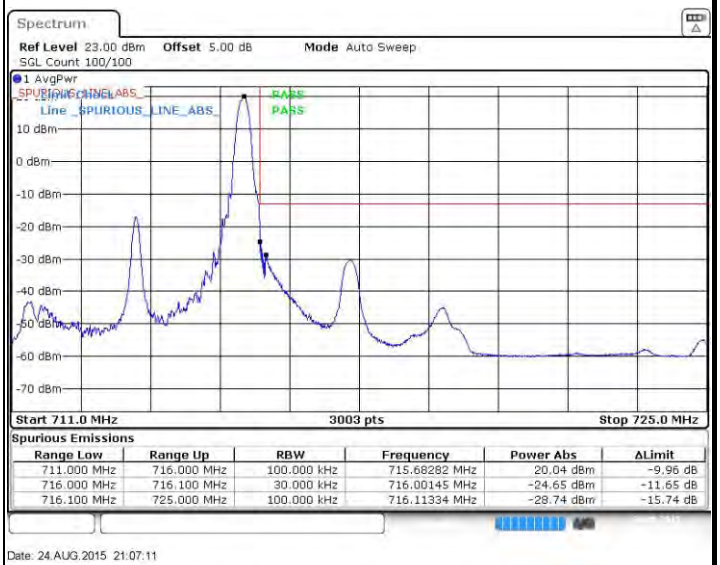
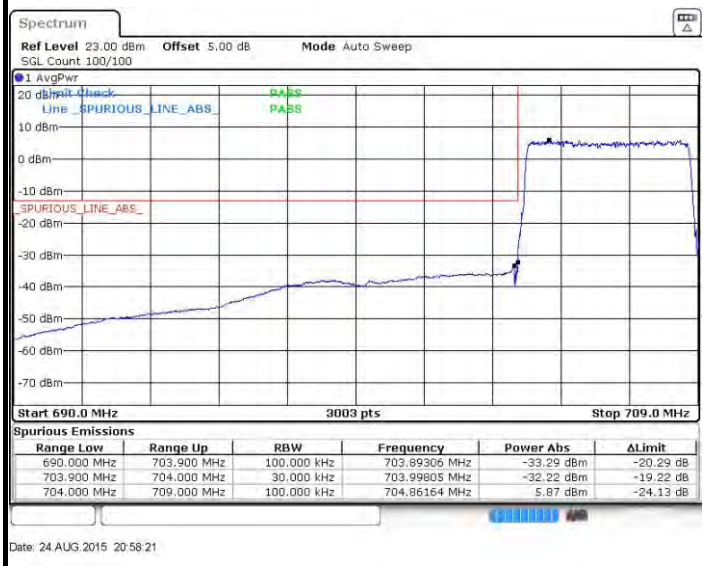
Date: 24.AUG.2015 21:05:18

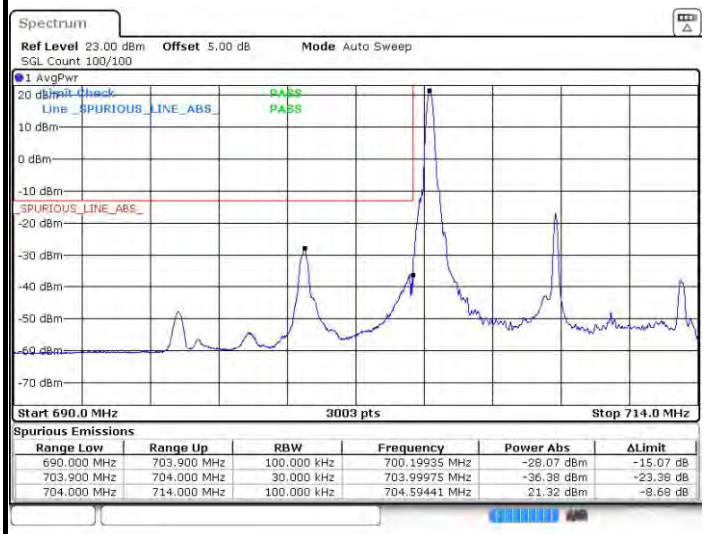
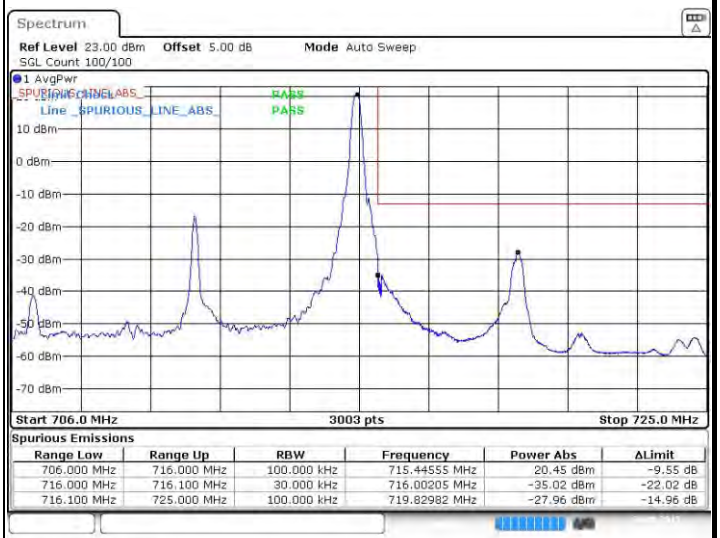
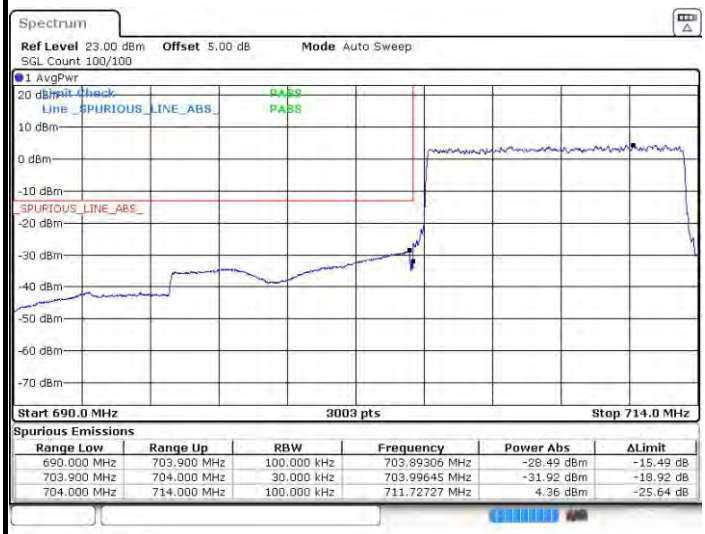
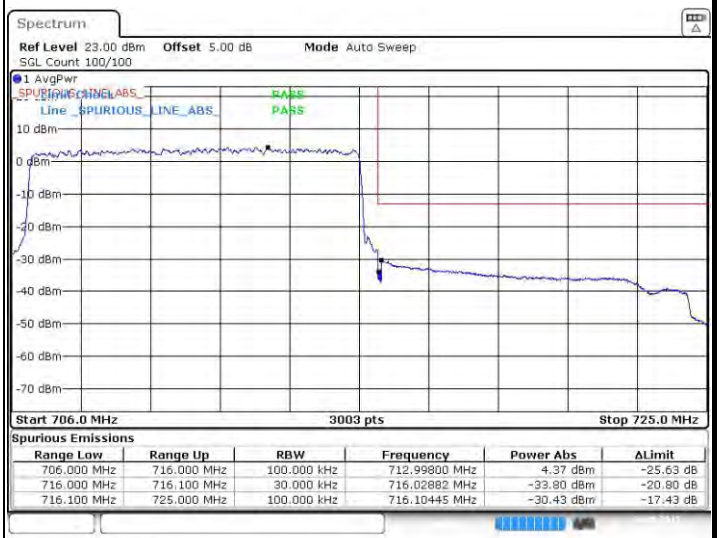


Date: 24.AUG.2015 20:56:28



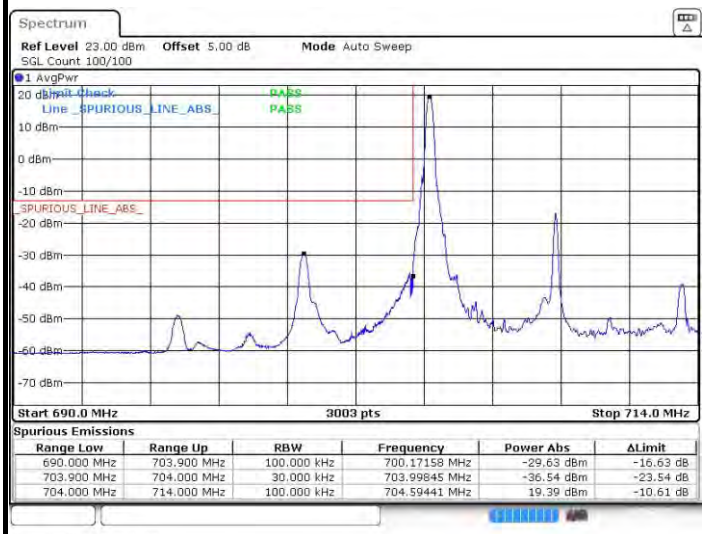
Date: 24.AUG.2015 21:09:04

LTE Band 17 / 5MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 17 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

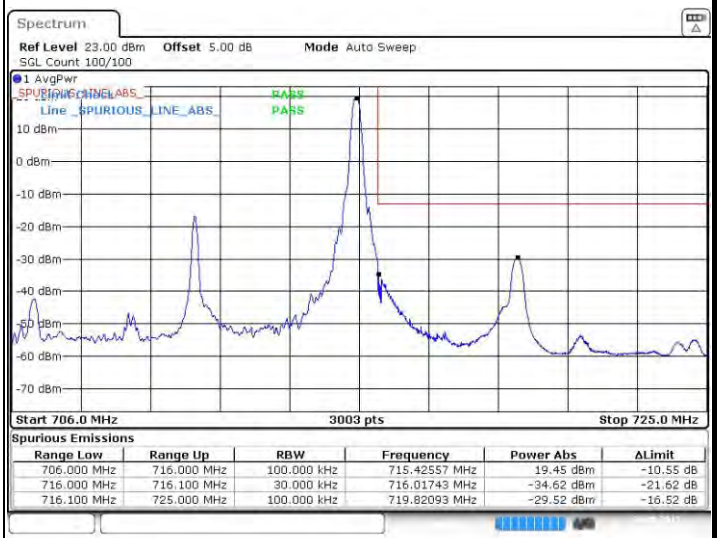
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



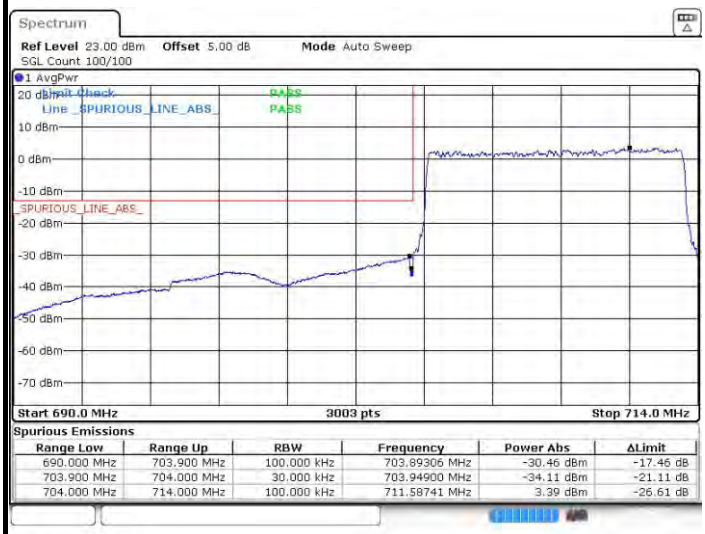
Date: 24.AUG.2015 21:17:15

Highest Band Edge / 1 RB



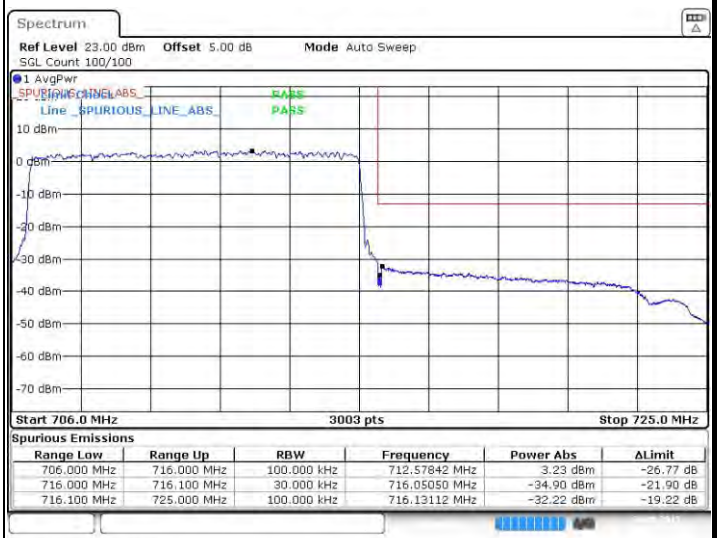
Date: 24.AUG.2015 21:29:52

Lowest Band Edge / Full RB



Date: 24.AUG.2015 21:21:01

Highest Band Edge / Full RB

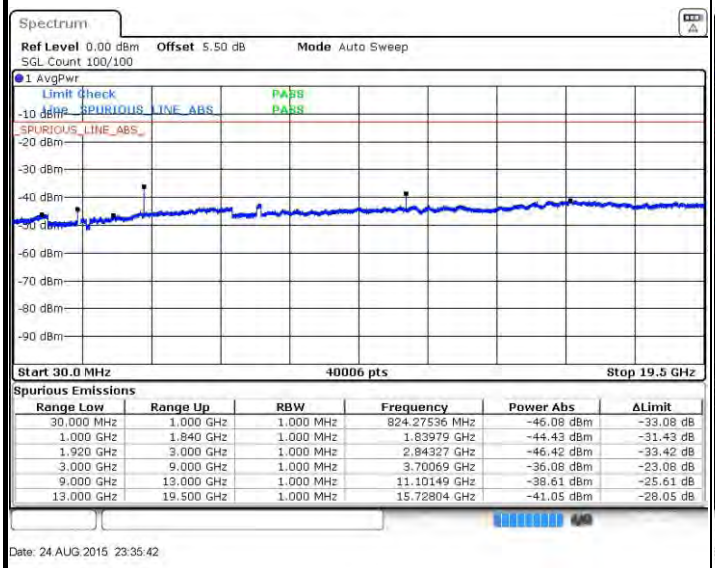


Date: 24.AUG.2015 21:33:38

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

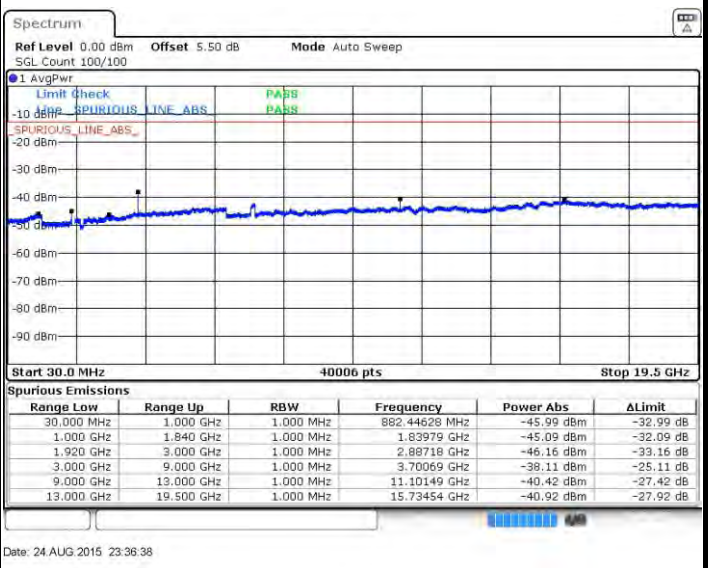


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	824.27536 MHz	-46.08 dBm	-33.08 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.43 dBm	-31.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84327 GHz	-46.42 dBm	-33.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-36.08 dBm	-23.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10149 GHz	-38.61 dBm	-25.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72804 GHz	-41.05 dBm	-28.05 dB

Date: 24.AUG.2015 23:35:42

Lowest Channel / 16QAM

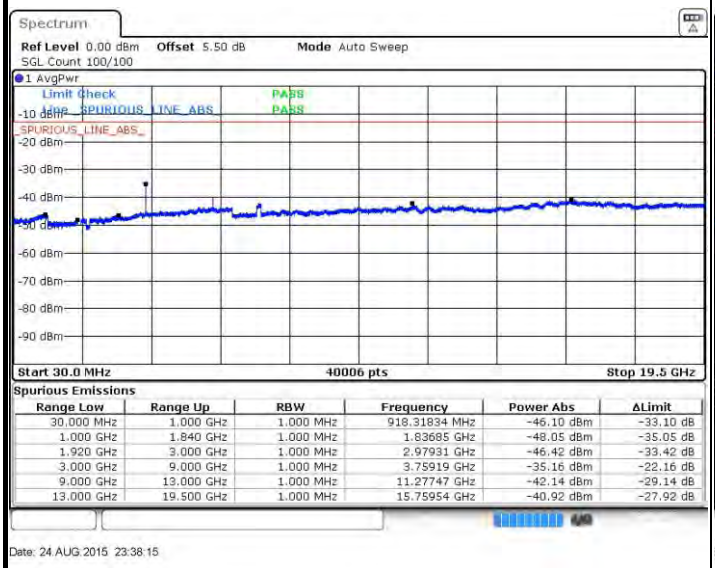


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.44628 MHz	-45.99 dBm	-32.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-45.09 dBm	-32.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.88718 GHz	-46.16 dBm	-33.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-38.11 dBm	-25.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10149 GHz	-40.42 dBm	-27.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73454 GHz	-40.92 dBm	-27.92 dB

Date: 24.AUG.2015 23:36:38

Middle Channel / QPSK

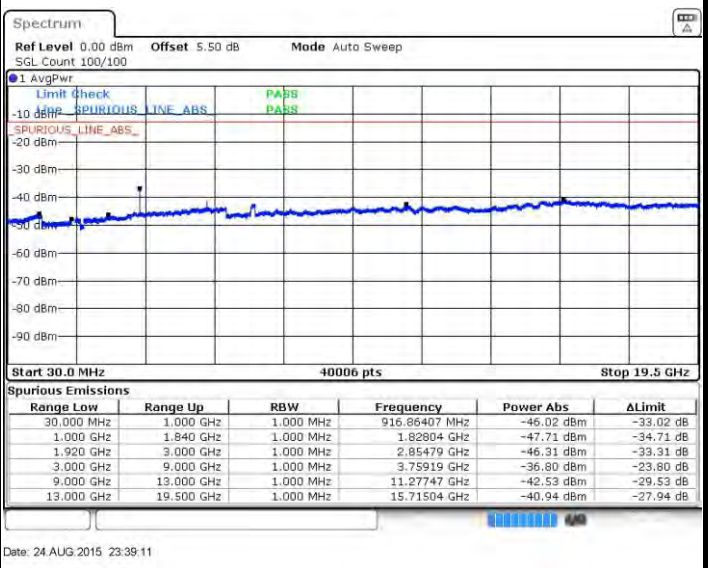


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-46.10 dBm	-33.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83685 GHz	-48.05 dBm	-35.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97931 GHz	-46.42 dBm	-33.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-35.16 dBm	-22.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.27747 GHz	-42.14 dBm	-29.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75954 GHz	-40.92 dBm	-27.92 dB

Date: 24.AUG.2015 23:38:15

Middle Channel / 16QAM



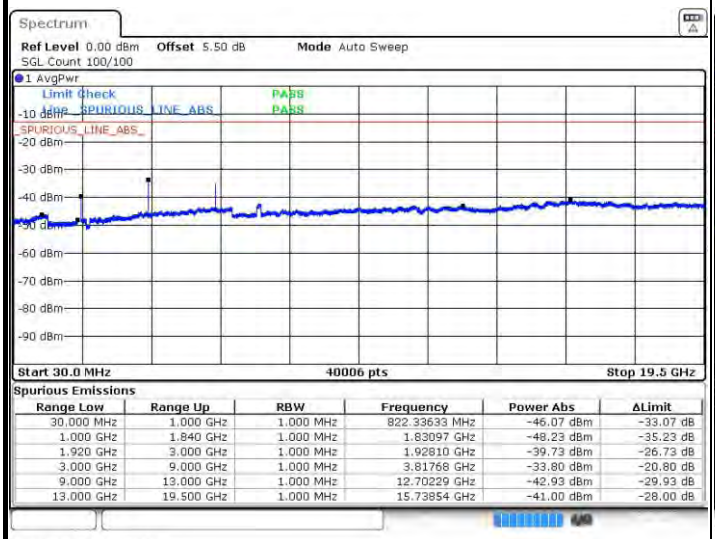
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.86407 MHz	-46.02 dBm	-33.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82804 GHz	-47.71 dBm	-34.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85479 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-36.80 dBm	-23.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.27747 GHz	-42.53 dBm	-29.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71504 GHz	-40.94 dBm	-27.94 dB

Date: 24.AUG.2015 23:39:11

LTE Band 2 / 1.4MHz

Highest Channel / QPSK

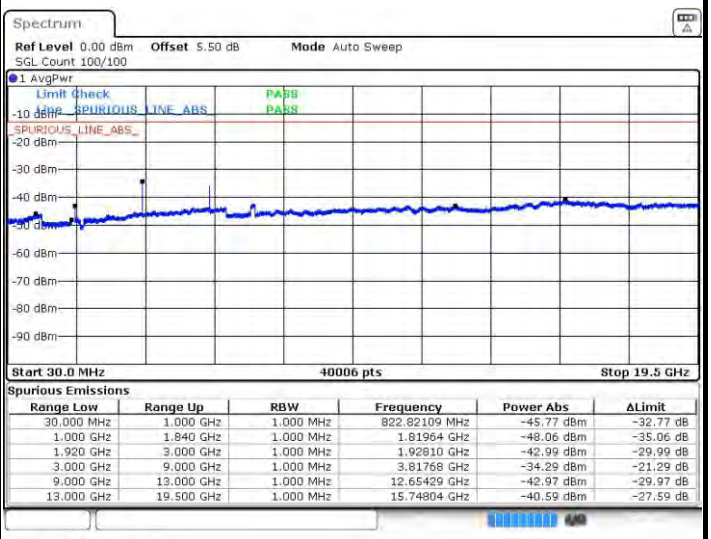


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	822.33633 MHz	-46.07 dBm	-33.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-48.23 dBm	-35.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92810 GHz	-39.73 dBm	-26.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-33.80 dBm	-20.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-42.93 dBm	-29.93 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73854 GHz	-41.00 dBm	-28.00 dB

Date: 24.AUG.2015 23:45:20

Highest Channel / 16QAM



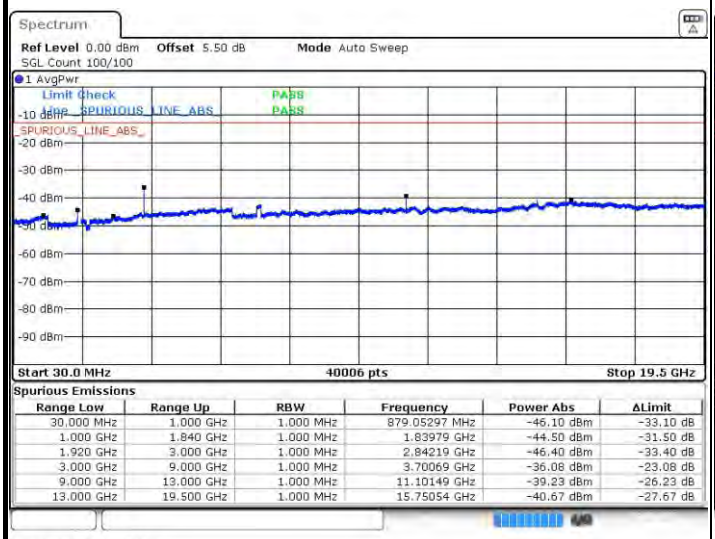
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	822.82109 MHz	-45.77 dBm	-32.77 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81964 GHz	-48.06 dBm	-35.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92810 GHz	-42.99 dBm	-29.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-34.29 dBm	-21.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65429 GHz	-42.97 dBm	-29.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74804 GHz	-40.59 dBm	-27.59 dB

Date: 24.AUG.2015 23:46:15

LTE Band 2 / 3MHz

Lowest Channel / QPSK

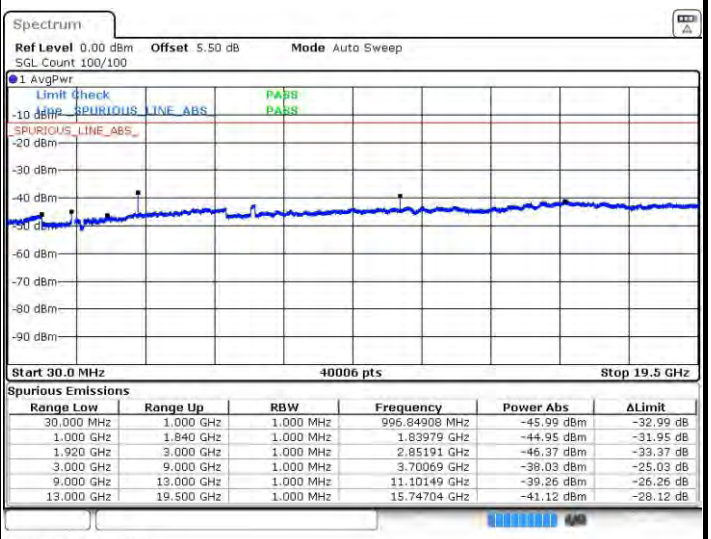


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.05297 MHz	-46.10 dBm	-33.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.50 dBm	-31.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84219 GHz	-46.40 dBm	-33.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-36.08 dBm	-23.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10149 GHz	-39.23 dBm	-26.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75054 GHz	-40.67 dBm	-27.67 dB

Date: 24.AUG.2015 22:04:23

Lowest Channel / 16QAM



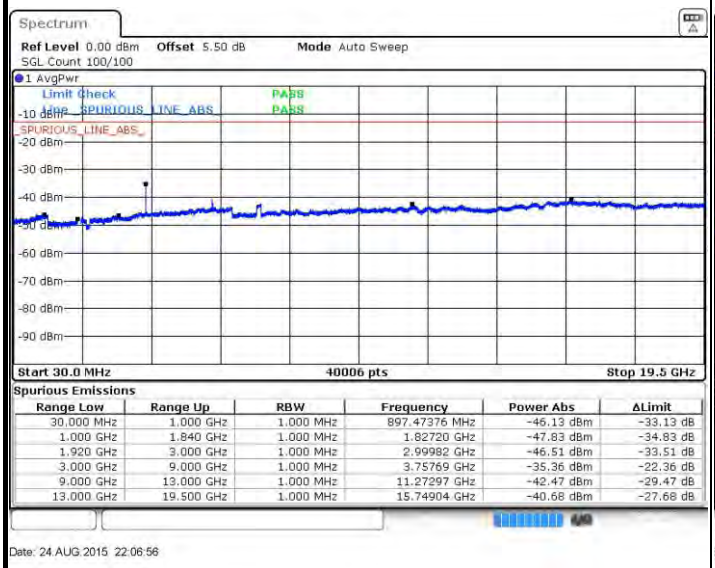
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-45.99 dBm	-32.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.95 dBm	-31.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85191 GHz	-46.37 dBm	-33.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-38.03 dBm	-25.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10149 GHz	-39.26 dBm	-26.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74704 GHz	-41.12 dBm	-28.12 dB

Date: 24.AUG.2015 22:05:18

LTE Band 2 / 3MHz

Middle Channel / QPSK

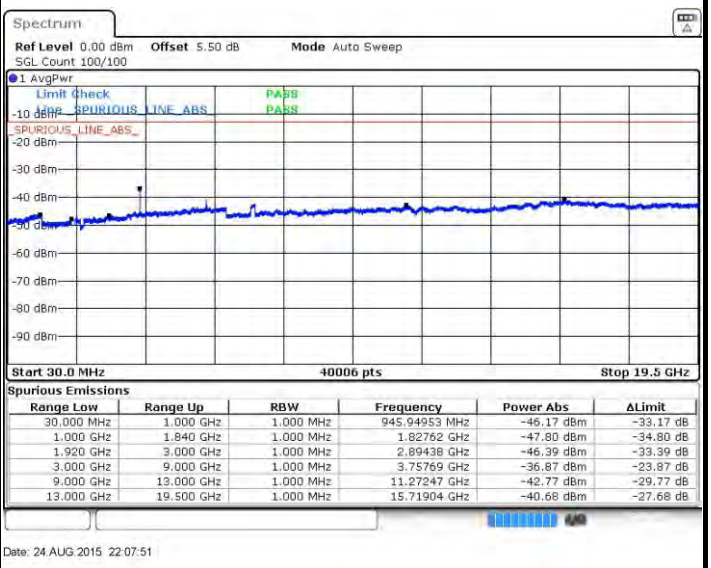


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-46.13 dBm	-33.13 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82720 GHz	-47.83 dBm	-34.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99982 GHz	-46.51 dBm	-33.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-35.36 dBm	-22.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.27297 GHz	-42.47 dBm	-29.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74904 GHz	-40.68 dBm	-27.68 dB

Date: 24.AUG.2015 22:06:56

Middle Channel / 16QAM

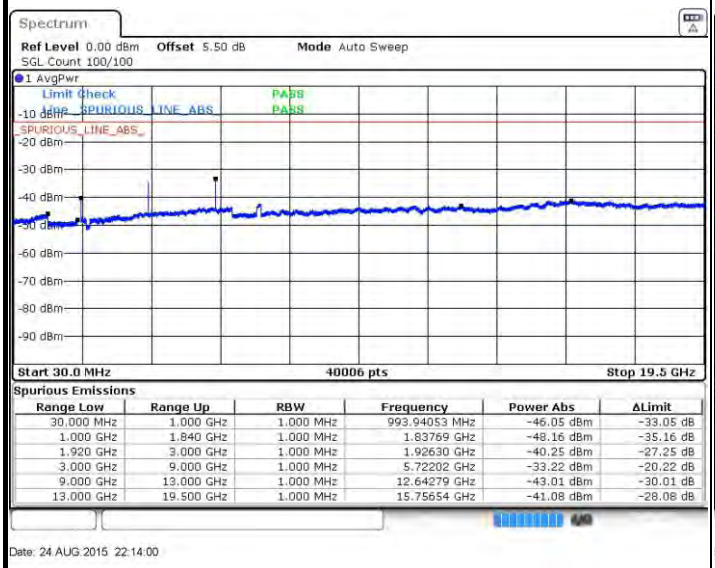


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-46.17 dBm	-33.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82762 GHz	-47.80 dBm	-34.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.89438 GHz	-46.39 dBm	-33.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-36.87 dBm	-23.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.27247 GHz	-42.77 dBm	-29.77 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71904 GHz	-40.68 dBm	-27.68 dB

Date: 24.AUG.2015 22:07:51

Highest Channel / QPSK

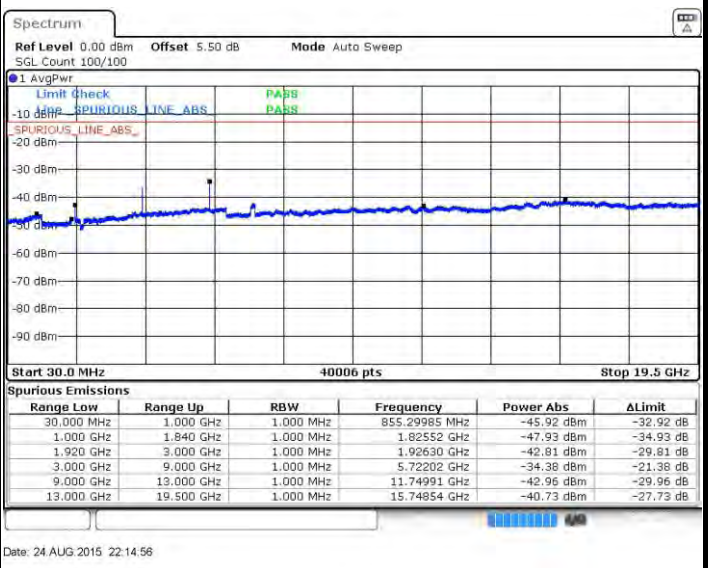


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-46.05 dBm	-33.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-48.16 dBm	-35.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92630 GHz	-40.25 dBm	-27.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.72202 GHz	-33.22 dBm	-20.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64279 GHz	-43.01 dBm	-30.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75654 GHz	-41.08 dBm	-28.08 dB

Date: 24.AUG.2015 22:14:00

Highest Channel / 16QAM



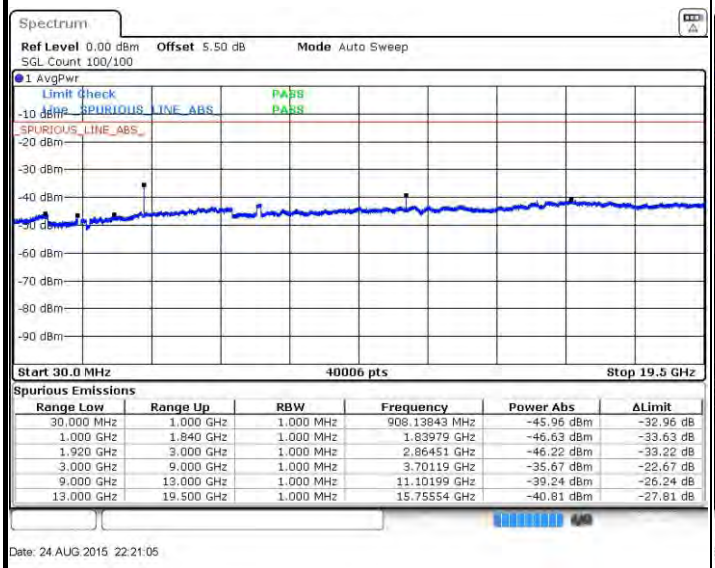
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29985 MHz	-45.92 dBm	-32.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82552 GHz	-47.93 dBm	-34.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92630 GHz	-42.81 dBm	-29.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.72202 GHz	-34.38 dBm	-21.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.74991 GHz	-42.96 dBm	-29.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74854 GHz	-40.73 dBm	-27.73 dB

Date: 24.AUG.2015 22:14:56

LTE Band 2 / 5MHz

Lowest Channel / QPSK

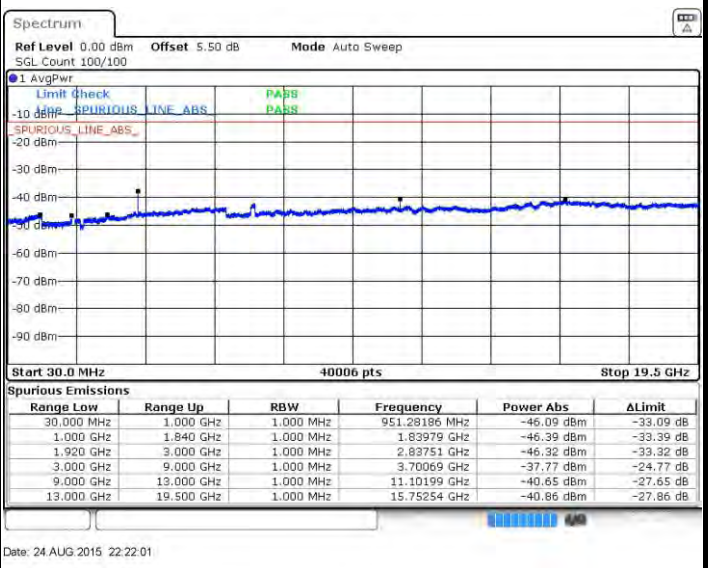


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-45.96 dBm	-32.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-46.63 dBm	-33.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86451 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-35.67 dBm	-22.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10199 GHz	-39.24 dBm	-26.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75554 GHz	-40.81 dBm	-27.81 dB

Date: 24.AUG.2015 22:21:05

Lowest Channel / 16QAM

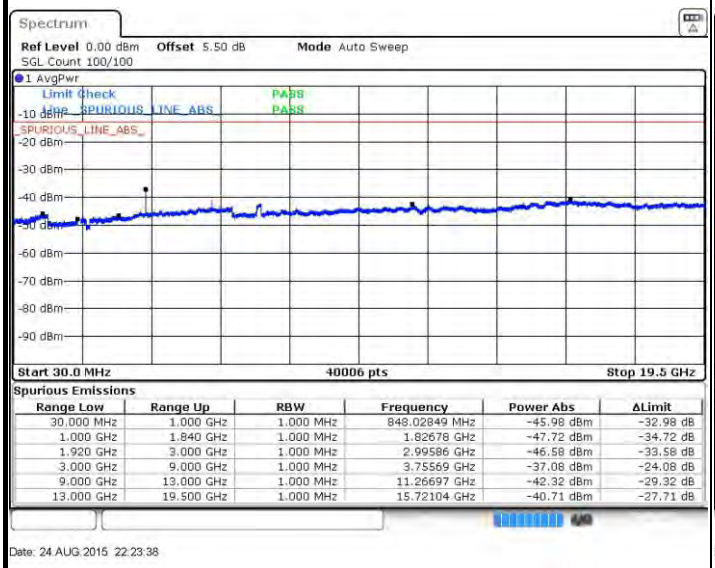


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-46.09 dBm	-33.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-46.39 dBm	-33.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83751 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-37.77 dBm	-24.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10199 GHz	-40.65 dBm	-27.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75254 GHz	-40.86 dBm	-27.86 dB

Date: 24.AUG.2015 22:22:01

Middle Channel / QPSK

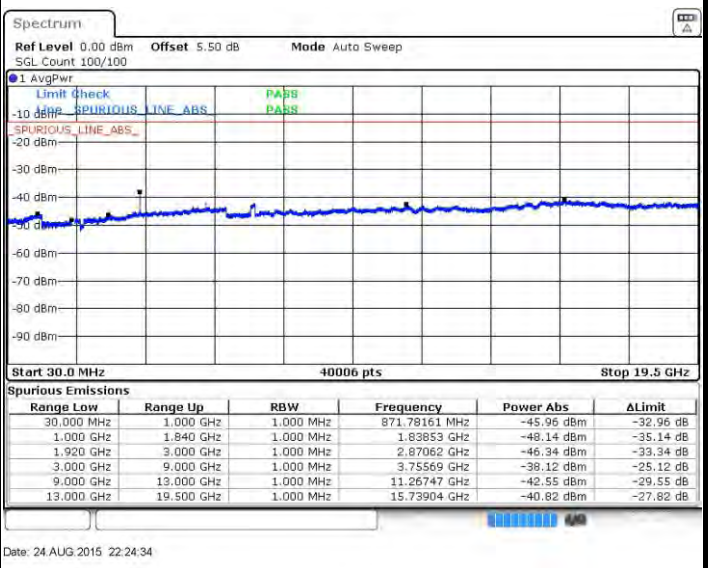


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.02849 MHz	-45.98 dBm	-32.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82678 GHz	-47.72 dBm	-34.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-37.08 dBm	-24.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26697 GHz	-42.32 dBm	-29.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72104 GHz	-40.71 dBm	-27.71 dB

Date: 24.AUG.2015 22:23:38

Middle Channel / 16QAM



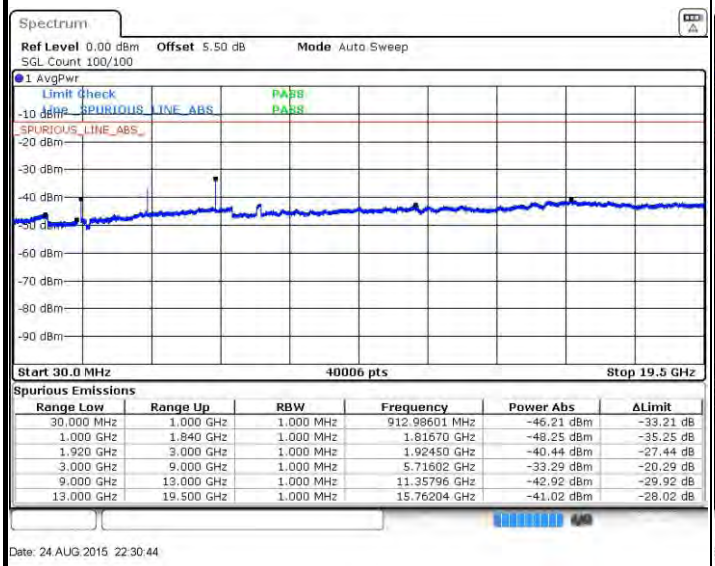
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-45.96 dBm	-32.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83853 GHz	-48.14 dBm	-35.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.87062 GHz	-46.34 dBm	-33.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-38.12 dBm	-25.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26747 GHz	-42.55 dBm	-29.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73904 GHz	-40.82 dBm	-27.82 dB

Date: 24.AUG.2015 22:24:34

LTE Band 2 / 5MHz

Highest Channel / QPSK

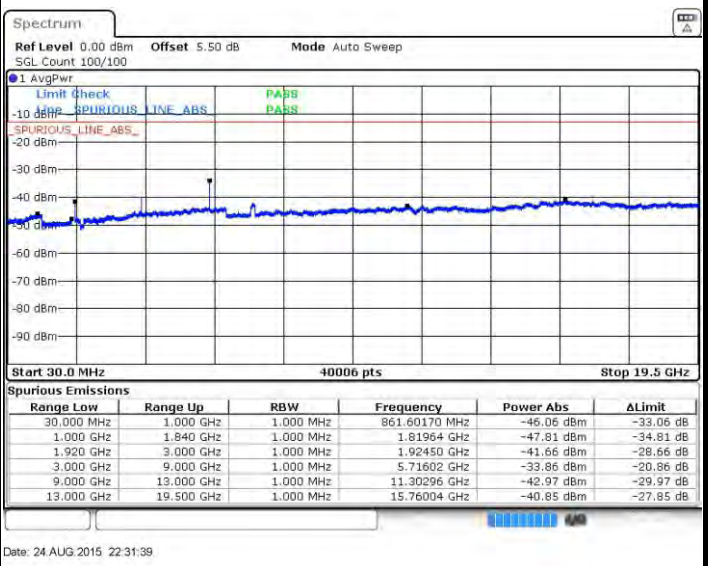


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-46.21 dBm	-33.21 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81670 GHz	-48.25 dBm	-35.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92450 GHz	-40.44 dBm	-27.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.71602 GHz	-33.29 dBm	-20.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.35796 GHz	-42.92 dBm	-29.92 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76204 GHz	-41.02 dBm	-28.02 dB

Date: 24.AUG.2015 22:30:44

Highest Channel / 16QAM



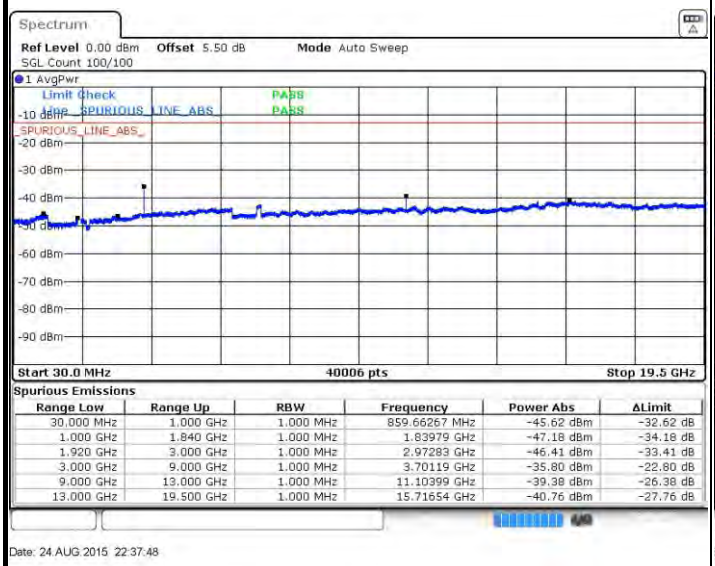
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	861.60170 MHz	-46.06 dBm	-33.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81964 GHz	-47.81 dBm	-34.81 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92450 GHz	-41.66 dBm	-28.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.71602 GHz	-33.86 dBm	-20.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.30296 GHz	-42.97 dBm	-29.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76004 GHz	-40.85 dBm	-27.85 dB

Date: 24.AUG.2015 22:31:39

LTE Band 2 / 10MHz

Lowest Channel / QPSK

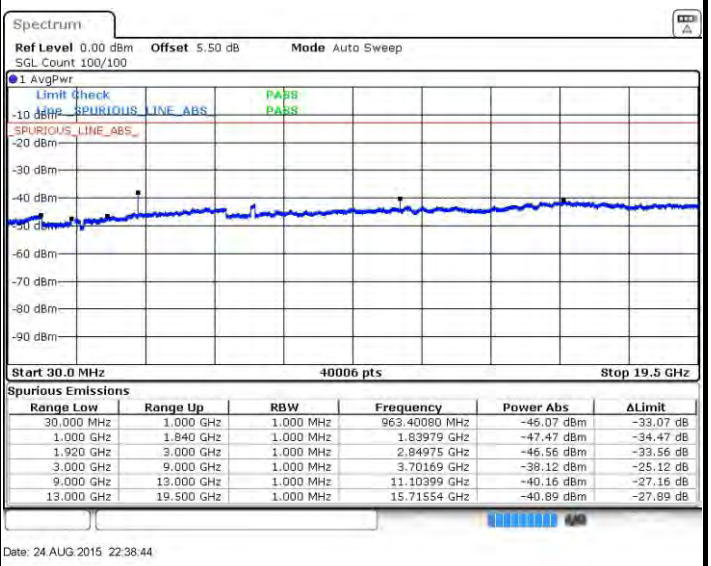


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-47.18 dBm	-34.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97283 GHz	-46.41 dBm	-33.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-35.80 dBm	-22.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10399 GHz	-39.38 dBm	-26.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71654 GHz	-40.76 dBm	-27.76 dB

Date: 24.AUG.2015 22:37:48

Lowest Channel / 16QAM



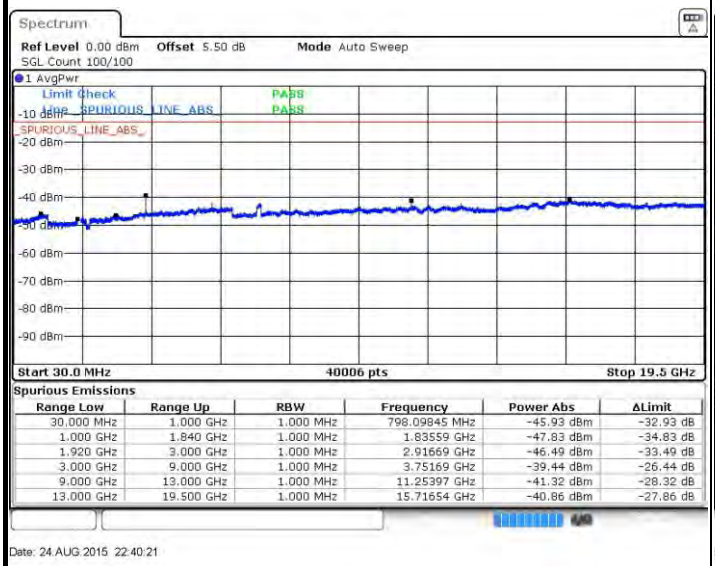
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-46.07 dBm	-33.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-47.47 dBm	-34.47 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84975 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-38.12 dBm	-25.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10399 GHz	-40.16 dBm	-27.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71554 GHz	-40.89 dBm	-27.89 dB

Date: 24.AUG.2015 22:38:44

LTE Band 2 / 10MHz

Middle Channel / QPSK

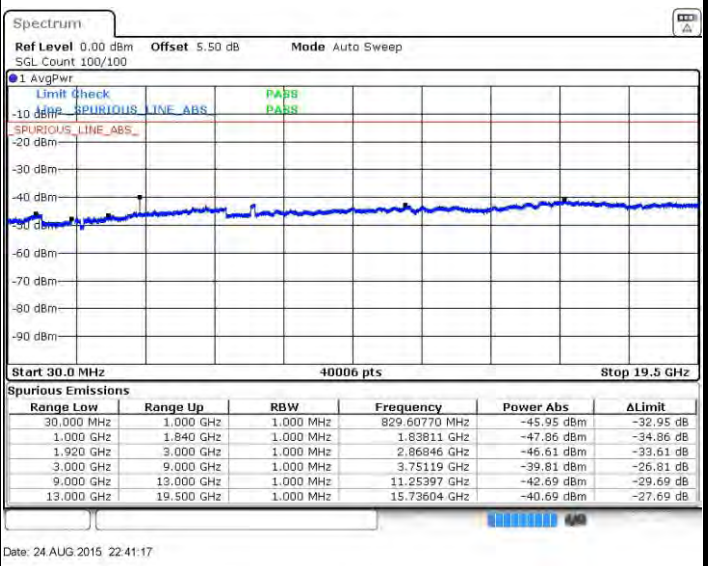


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	798.09845 MHz	-45.93 dBm	-32.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-47.83 dBm	-34.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.91669 GHz	-46.49 dBm	-33.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75169 GHz	-39.44 dBm	-26.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25397 GHz	-41.32 dBm	-28.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71654 GHz	-40.86 dBm	-27.86 dB

Date: 24.AUG.2015 22:40:21

Middle Channel / 16QAM

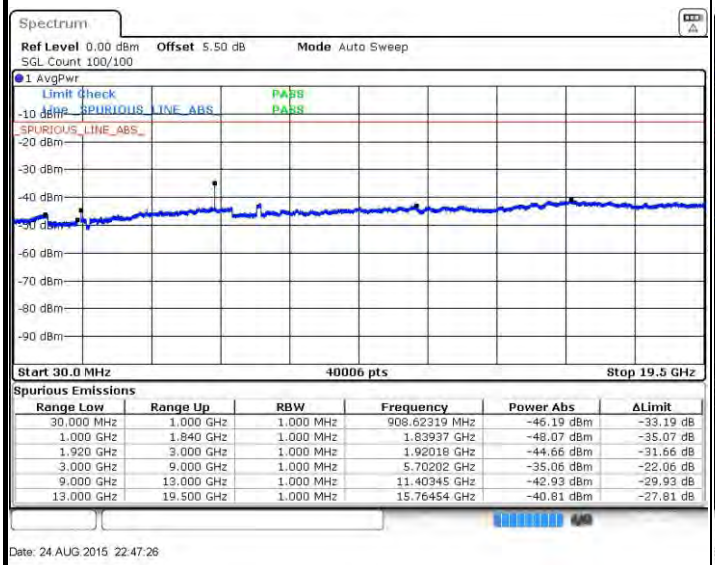


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	829.60770 MHz	-45.95 dBm	-32.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-47.86 dBm	-34.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86846 GHz	-46.61 dBm	-33.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-39.81 dBm	-26.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25397 GHz	-42.69 dBm	-29.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73604 GHz	-40.69 dBm	-27.69 dB

Date: 24.AUG.2015 22:41:17

Highest Channel / QPSK

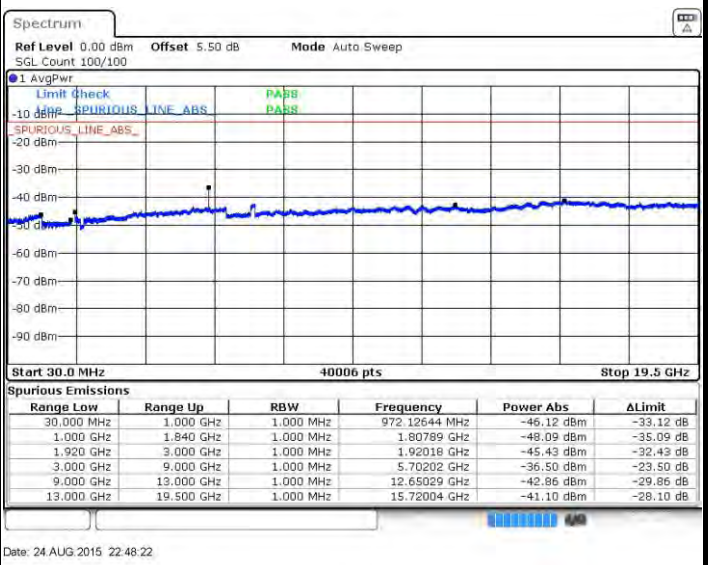


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-46.19 dBm	-33.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-48.07 dBm	-35.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-44.66 dBm	-31.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.70202 GHz	-35.06 dBm	-22.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.40345 GHz	-42.93 dBm	-29.93 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76454 GHz	-40.81 dBm	-27.81 dB

Date: 24.AUG.2015 22:47:26

Highest Channel / 16QAM



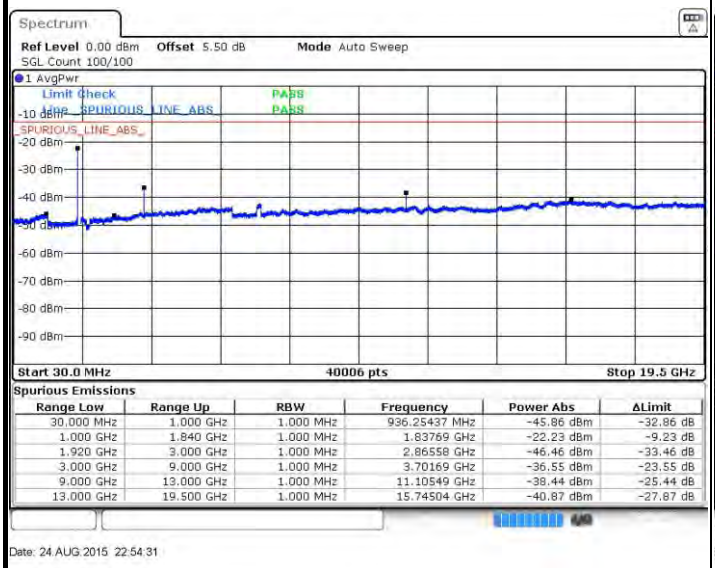
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-46.12 dBm	-33.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80789 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-45.43 dBm	-32.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.70202 GHz	-36.50 dBm	-23.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65029 GHz	-42.86 dBm	-29.86 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72004 GHz	-41.10 dBm	-28.10 dB

Date: 24.AUG.2015 22:48:22

LTE Band 2 / 15MHz

Lowest Channel / QPSK

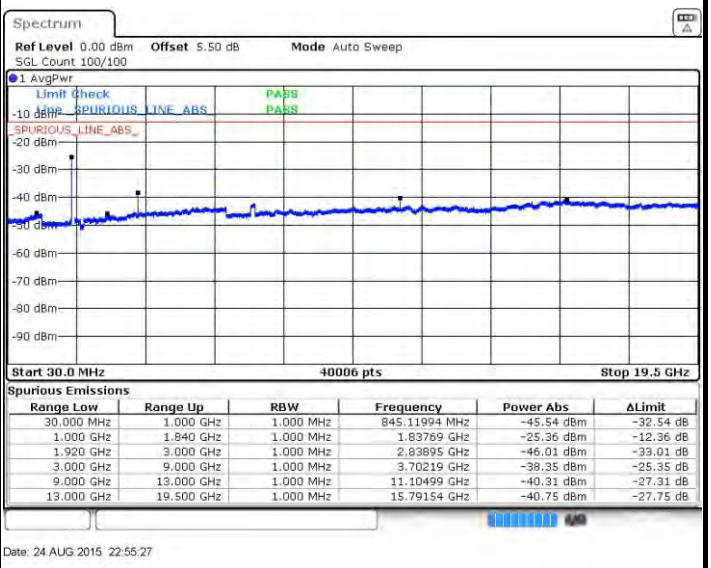


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-45.86 dBm	-32.86 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-22.23 dBm	-9.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86558 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-36.55 dBm	-23.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10549 GHz	-38.44 dBm	-25.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74504 GHz	-40.87 dBm	-27.87 dB

Date: 24.AUG.2015 22:54:31

Lowest Channel / 16QAM

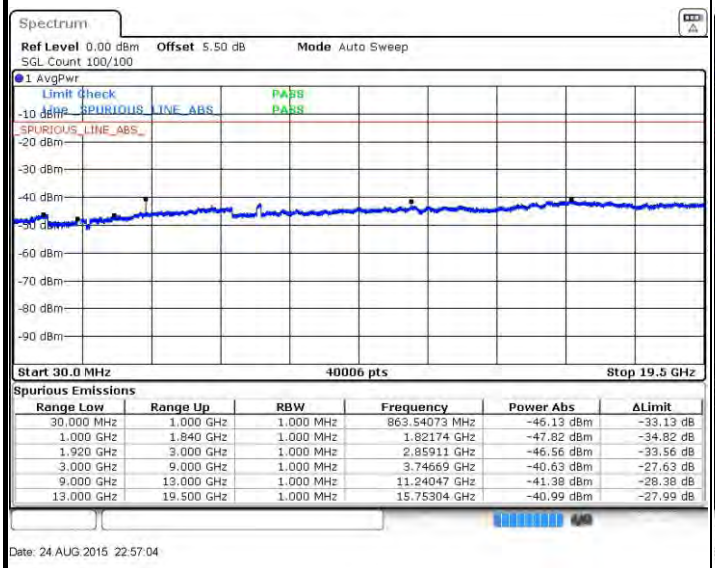


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	845.11994 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-25.36 dBm	-12.36 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83895 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-38.35 dBm	-25.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10499 GHz	-40.31 dBm	-27.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79154 GHz	-40.75 dBm	-27.75 dB

Date: 24.AUG.2015 22:55:27

Middle Channel / QPSK

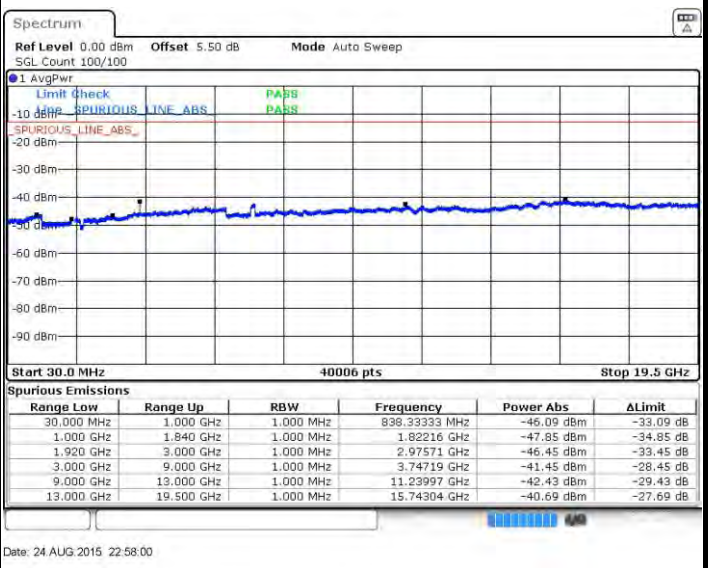


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-46.13 dBm	-33.13 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82174 GHz	-47.82 dBm	-34.82 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85911 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-40.63 dBm	-27.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24047 GHz	-41.38 dBm	-28.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75304 GHz	-40.99 dBm	-27.99 dB

Date: 24.AUG.2015 22:57:04

Middle Channel / 16QAM



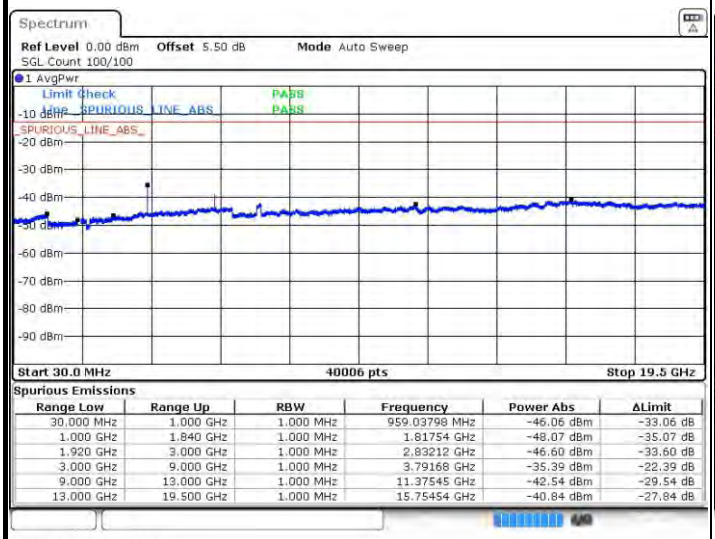
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	838.33333 MHz	-46.09 dBm	-33.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82216 GHz	-47.85 dBm	-34.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-46.45 dBm	-33.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74719 GHz	-41.45 dBm	-28.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23997 GHz	-42.43 dBm	-29.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74304 GHz	-40.69 dBm	-27.69 dB

Date: 24.AUG.2015 22:58:00

LTE Band 2 / 15MHz

Highest Channel / QPSK

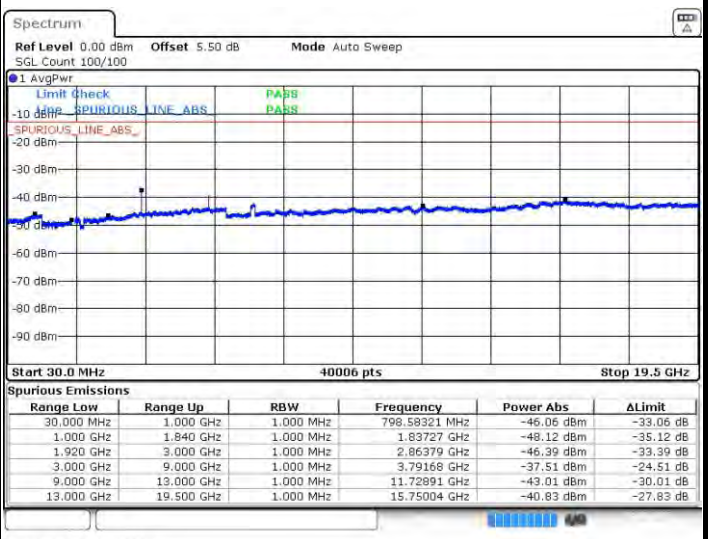


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-46.06 dBm	-33.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81754 GHz	-48.07 dBm	-35.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83212 GHz	-46.60 dBm	-33.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-35.39 dBm	-22.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.37545 GHz	-42.54 dBm	-29.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75454 GHz	-40.84 dBm	-27.84 dB

Date: 24.AUG.2015 23:04:09

Highest Channel / 16QAM



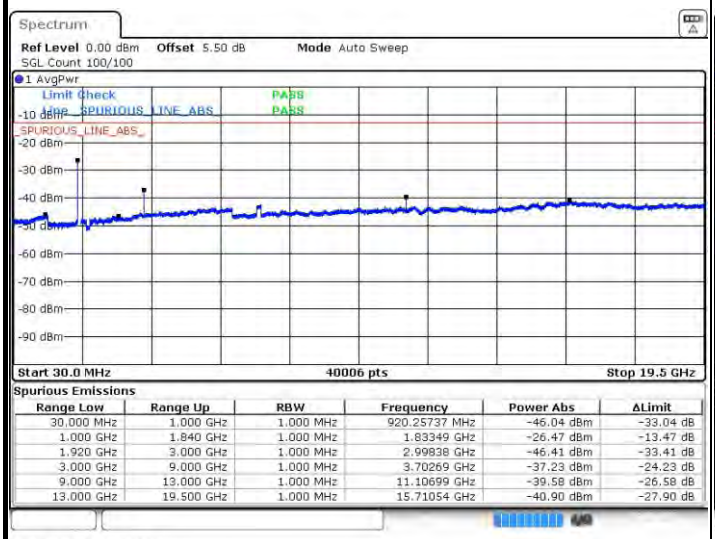
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	798.58321 MHz	-46.06 dBm	-33.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-48.12 dBm	-35.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86379 GHz	-46.39 dBm	-33.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-37.51 dBm	-24.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.72891 GHz	-43.01 dBm	-30.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75004 GHz	-40.83 dBm	-27.83 dB

Date: 24.AUG.2015 23:05:04

LTE Band 2 / 20MHz

Lowest Channel / QPSK

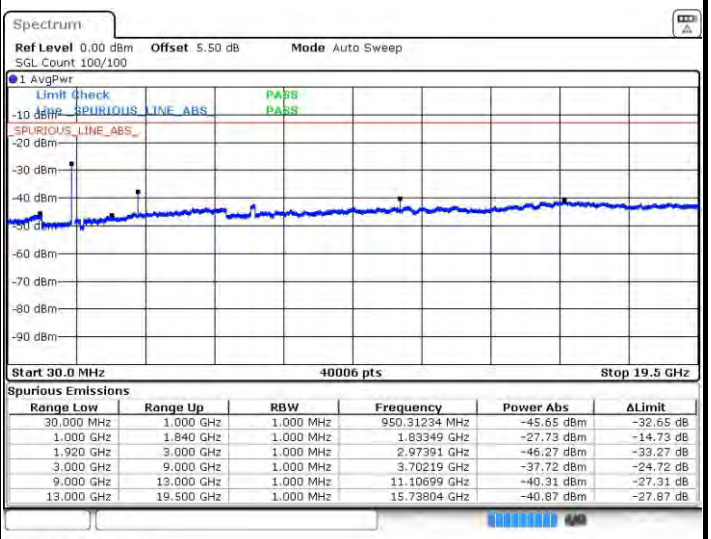


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-46.04 dBm	-33.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-26.47 dBm	-13.47 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-46.41 dBm	-33.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70269 GHz	-37.23 dBm	-24.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10699 GHz	-39.58 dBm	-26.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71054 GHz	-40.90 dBm	-27.90 dB

Date: 24.AUG.2015 23:11:14

Lowest Channel / 16QAM



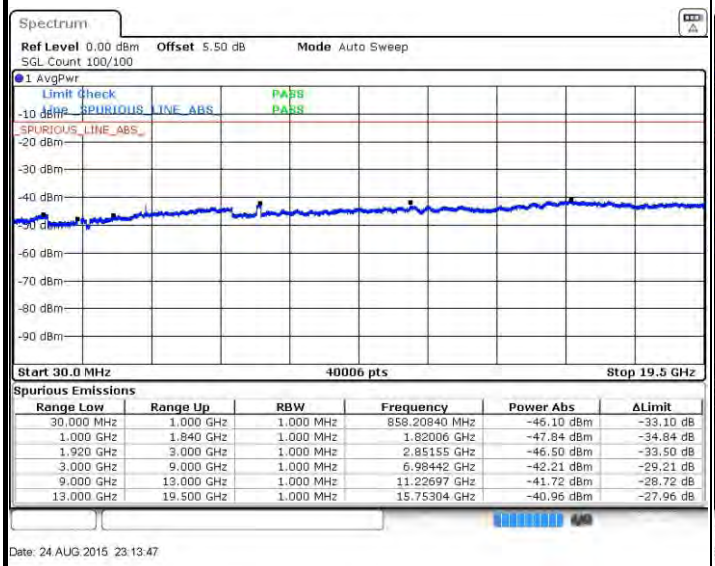
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-27.73 dBm	-14.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97391 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-37.72 dBm	-24.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.10699 GHz	-40.31 dBm	-27.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73804 GHz	-40.87 dBm	-27.87 dB

Date: 24.AUG.2015 23:12:09

LTE Band 2 / 20MHz

Middle Channel / QPSK

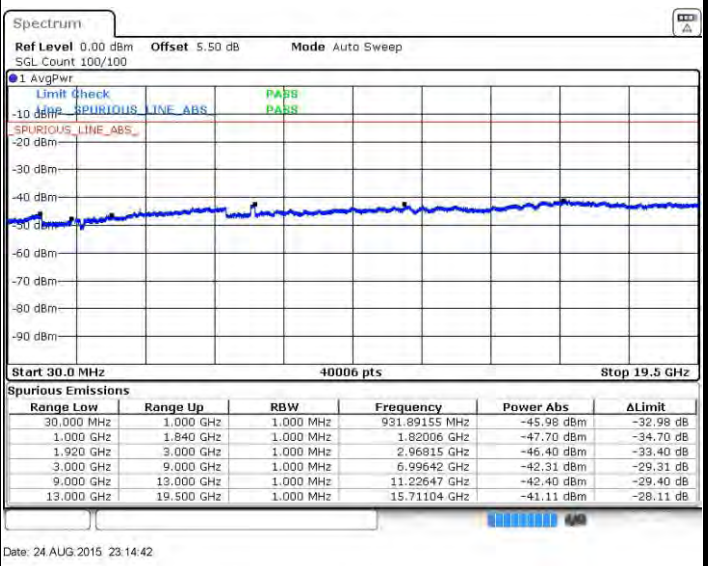


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	858.20840 MHz	-46.10 dBm	-33.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82006 GHz	-47.84 dBm	-34.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85155 GHz	-46.50 dBm	-33.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98442 GHz	-42.21 dBm	-29.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22697 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75304 GHz	-40.96 dBm	-27.96 dB

Date: 24.AUG.2015 23:13:47

Middle Channel / 16QAM

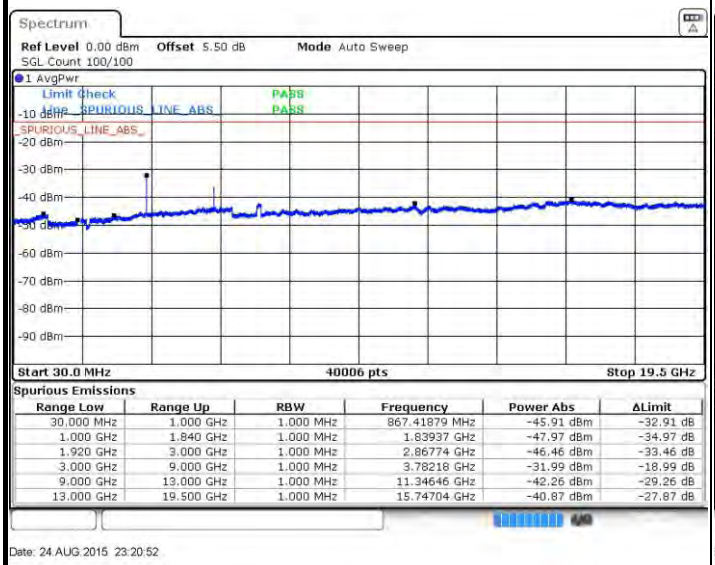


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-45.98 dBm	-32.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82006 GHz	-47.70 dBm	-34.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96815 GHz	-46.40 dBm	-33.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-42.31 dBm	-29.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22647 GHz	-42.40 dBm	-29.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71104 GHz	-41.11 dBm	-28.11 dB

Date: 24.AUG.2015 23:14:42

Highest Channel / QPSK

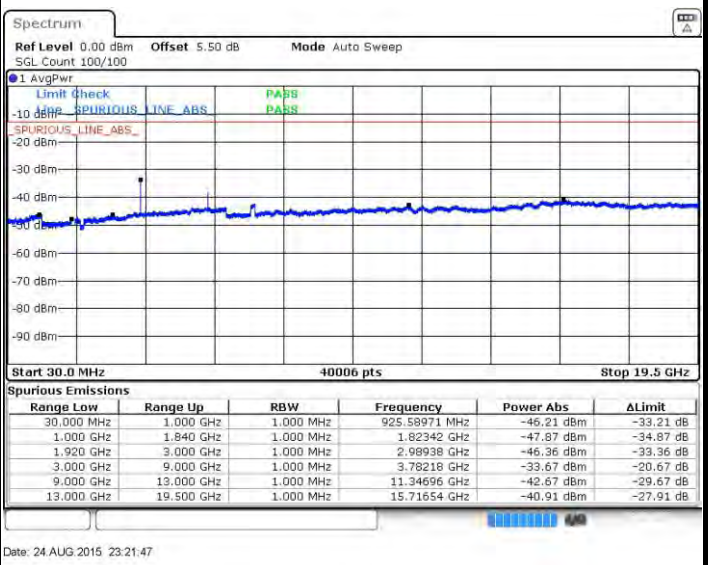


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.41879 MHz	-45.91 dBm	-32.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-47.97 dBm	-34.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86774 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-31.99 dBm	-18.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34646 GHz	-42.26 dBm	-29.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74704 GHz	-40.87 dBm	-27.87 dB

Date: 24.AUG.2015 23:20:52

Highest Channel / 16QAM



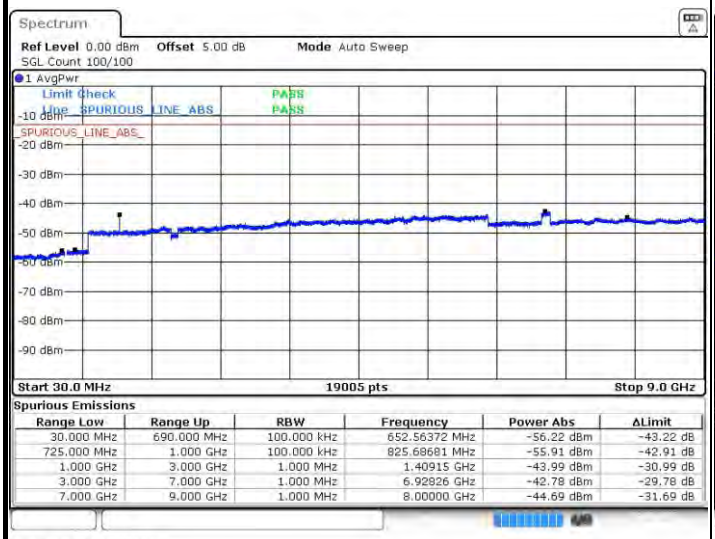
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-46.21 dBm	-33.21 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-47.87 dBm	-34.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98938 GHz	-46.36 dBm	-33.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-33.67 dBm	-20.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.34696 GHz	-42.67 dBm	-29.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71654 GHz	-40.91 dBm	-27.91 dB

Date: 24.AUG.2015 23:21:47

LTE Band 17 / 5MHz

Lowest Channel / QPSK

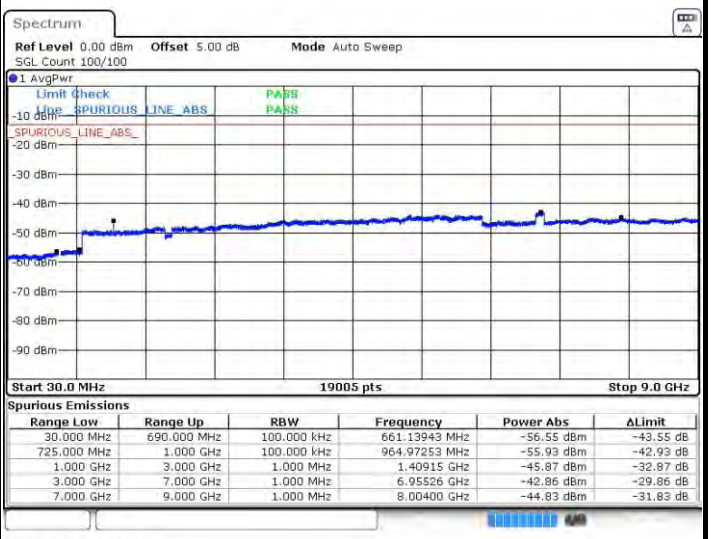


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	652.56372 MHz	-56.22 dBm	-43.22 dB
725.000 MHz	1.000 GHz	100.000 kHz	825.68681 MHz	-55.91 dBm	-42.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-43.99 dBm	-30.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-42.78 dBm	-29.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00000 GHz	-44.69 dBm	-31.69 dB

Date: 24.AUG.2015 20:59:15

Lowest Channel / 16QAM

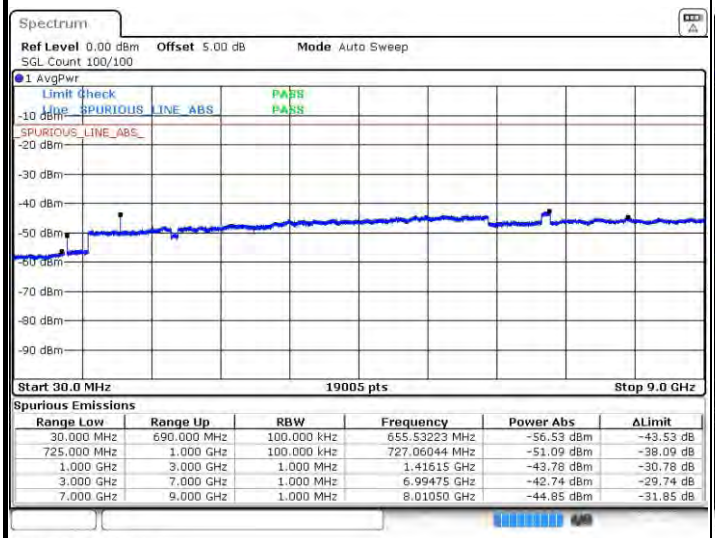


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.13943 MHz	-56.55 dBm	-43.55 dB
725.000 MHz	1.000 GHz	100.000 kHz	964.97253 MHz	-55.93 dBm	-42.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-45.87 dBm	-32.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95526 GHz	-42.86 dBm	-29.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00400 GHz	-44.83 dBm	-31.83 dB

Date: 24.AUG.2015 21:00:10

Middle Channel / QPSK

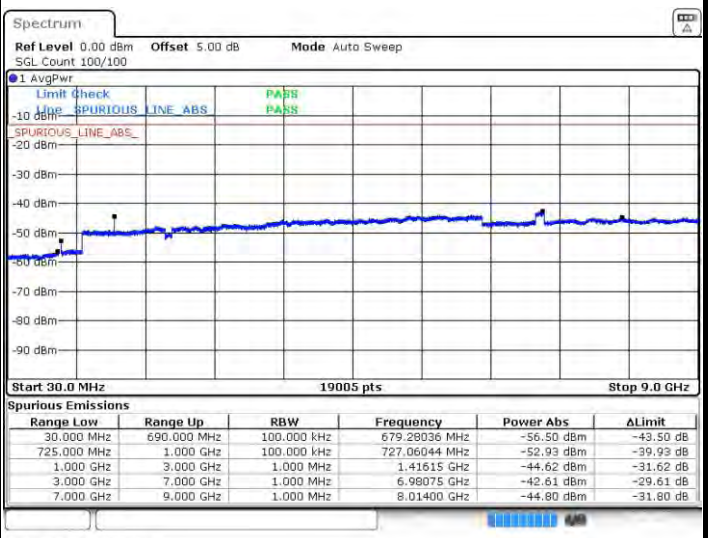


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	655.53223 MHz	-56.53 dBm	-43.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	727.06044 MHz	-51.09 dBm	-38.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-43.78 dBm	-30.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.74 dBm	-29.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01050 GHz	-44.85 dBm	-31.85 dB

Date: 24.AUG.2015 21:01:47

Middle Channel / 16QAM



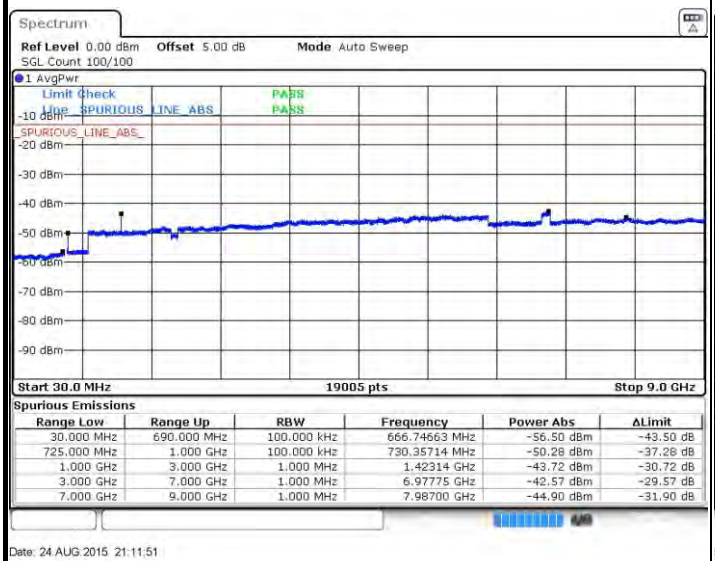
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.28036 MHz	-56.50 dBm	-43.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	727.06044 MHz	-52.93 dBm	-39.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-44.62 dBm	-31.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-42.61 dBm	-29.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01400 GHz	-44.80 dBm	-31.80 dB

Date: 24.AUG.2015 21:02:42

LTE Band 17 / 5MHz

Highest Channel / QPSK

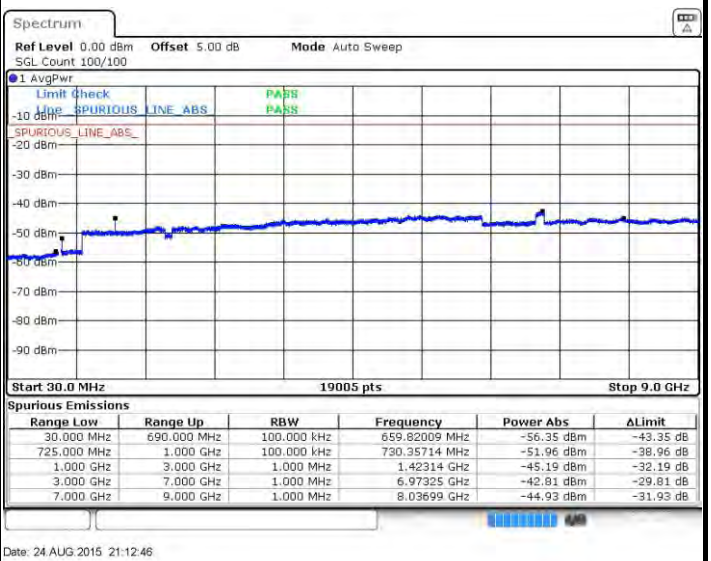


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.74663 MHz	-56.50 dBm	-43.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-50.28 dBm	-37.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-43.72 dBm	-30.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97775 GHz	-42.57 dBm	-29.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.98700 GHz	-44.90 dBm	-31.90 dB

Date: 24.AUG.2015 21:11:51

Highest Channel / 16QAM



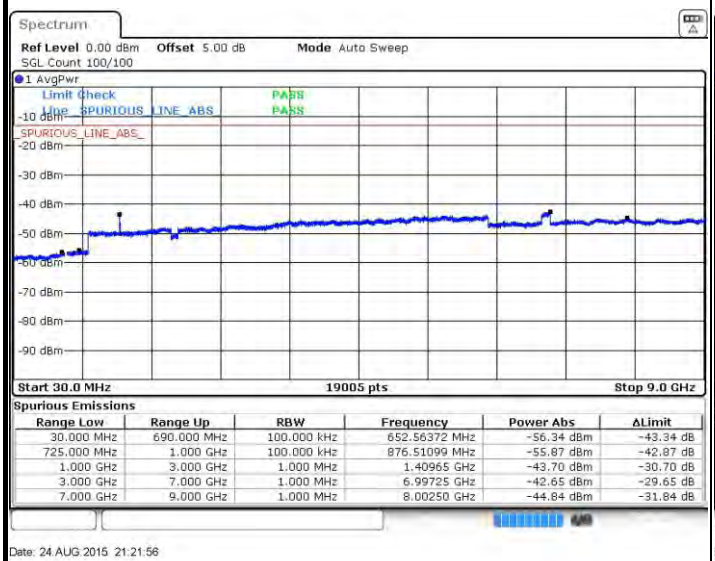
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	659.82009 MHz	-56.35 dBm	-43.35 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-51.96 dBm	-38.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-45.19 dBm	-32.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97325 GHz	-42.81 dBm	-29.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03699 GHz	-44.93 dBm	-31.93 dB

Date: 24.AUG.2015 21:12:46

LTE Band 17 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	652.56372 MHz	-56.34 dBm	-43.34 dB
725.000 MHz	1.000 GHz	100.000 kHz	876.51099 MHz	-55.87 dBm	-42.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-43.70 dBm	-30.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.65 dBm	-29.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00250 GHz	-44.84 dBm	-31.84 dB

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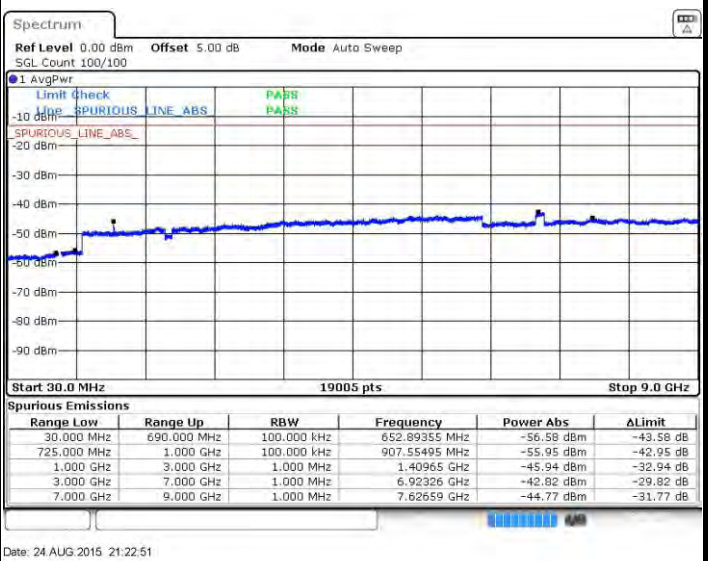
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	652.89355 MHz	-56.58 dBm	-43.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	907.55495 MHz	-55.95 dBm	-42.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-45.94 dBm	-32.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92326 GHz	-42.82 dBm	-29.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62659 GHz	-44.77 dBm	-31.77 dB

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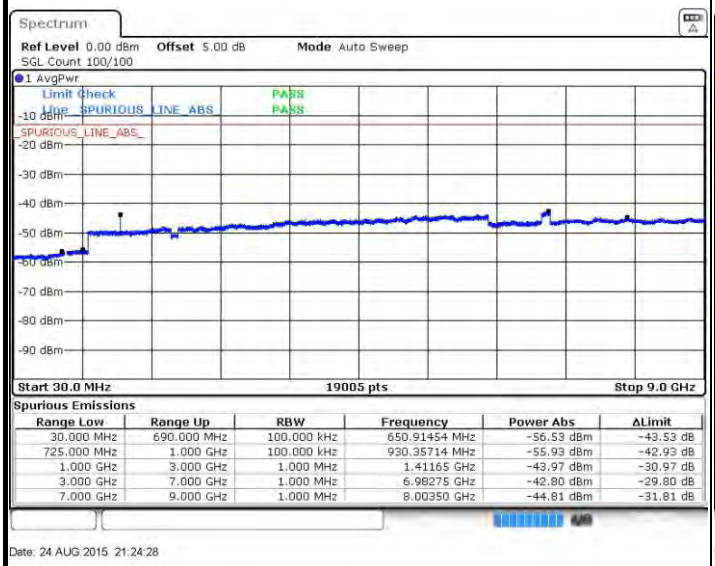
LTE Band 17 / 10MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	650.91454 MHz	-56.53 dBm	-43.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	930.35714 MHz	-55.93 dBm	-42.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-43.97 dBm	-30.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-42.80 dBm	-29.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00350 GHz	-44.81 dBm	-31.81 dB

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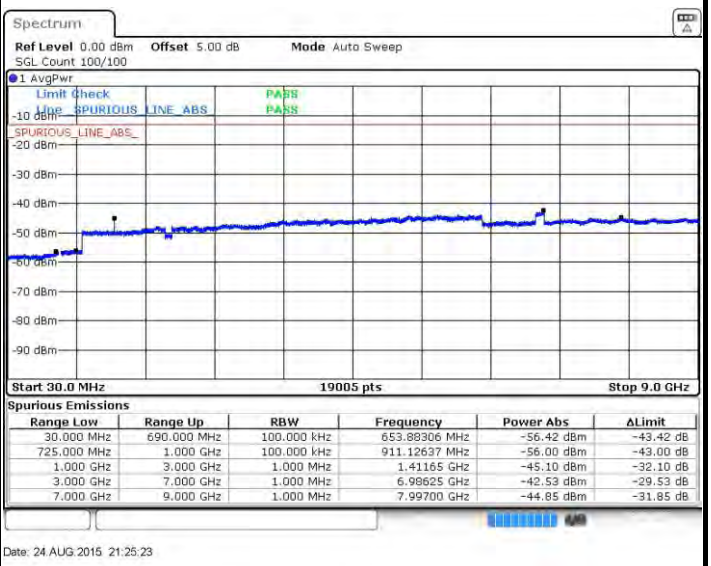
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	653.88306 MHz	-56.42 dBm	-43.42 dB
725.000 MHz	1.000 GHz	100.000 kHz	911.12637 MHz	-56.00 dBm	-43.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-45.10 dBm	-32.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-42.53 dBm	-29.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99700 GHz	-44.85 dBm	-31.85 dB

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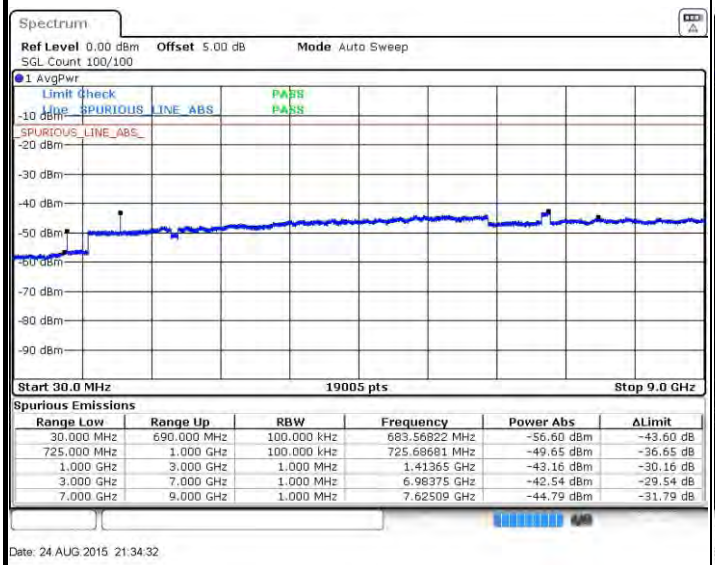
Highest Channel / QPSK

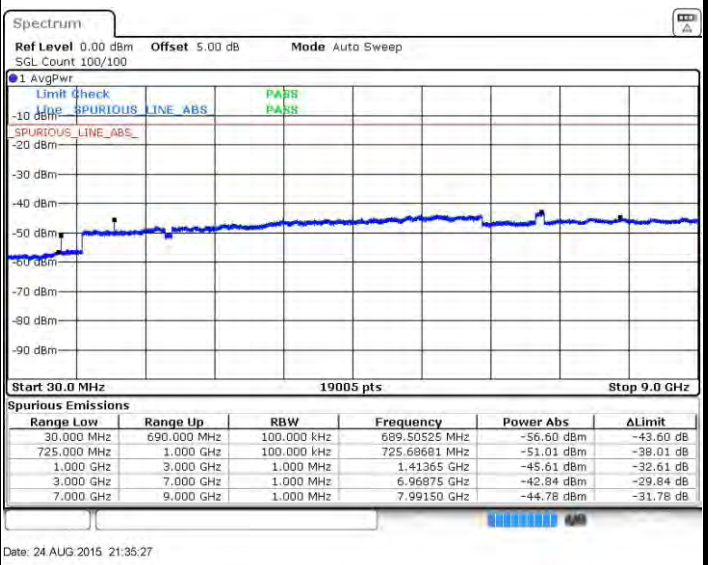


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-56.60 dBm	-43.60 dB
725.000 MHz	1.000 GHz	100.000 kHz	725.68681 MHz	-49.65 dBm	-36.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-42.54 dBm	-29.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62509 GHz	-44.79 dBm	-31.79 dB

Date: 24.AUG.2015 21:34:32

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-56.60 dBm	-43.60 dB
725.000 MHz	1.000 GHz	100.000 kHz	725.68681 MHz	-51.01 dBm	-38.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-45.61 dBm	-32.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96875 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99150 GHz	-44.78 dBm	-31.78 dB

Date: 24.AUG.2015 21:35:27

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0080	PASS
40	Normal Voltage	0.0213	
30	Normal Voltage	0.0154	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0234	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0117	
20	Normal Voltage	0.0298	
20	Battery End Point	0.0064	

Note:

1. Normal Voltage = 3.7 V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0648	PASS
40	Normal Voltage	0.0493	
30	Normal Voltage	0.0296	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0127	
0	Normal Voltage	0.0268	
-10	Normal Voltage	0.0423	
-20	Normal Voltage	0.0099	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0239	
20	Normal Voltage	0.0437	
20	Battery End Point	0.0254	

Note:

1. Normal Voltage = 3.7 V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.38	0.2742	24.73	0.2972
Middle		1	0	24.59	0.2877	25.46	0.3516
Highest		1	0	25.35	0.3428	25.46	0.3516
Lowest	16QAM	1	0	23.40	0.2188	23.47	0.2223
Middle		1	0	23.69	0.2339	24.47	0.2799
Highest		1	0	24.73	0.2972	24.65	0.2917
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.26	0.2667	24.69	0.2944
Middle		1	0	24.46	0.2793	25.24	0.3342
Highest		1	0	25.46	0.3516	25.36	0.3436
Lowest	16QAM	1	0	23.11	0.2046	23.56	0.2270
Middle		1	0	23.32	0.2148	24.03	0.2529
Highest		1	0	24.64	0.2911	24.50	0.2818
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.21	0.2636	24.64	0.2911
Middle		1	0	24.34	0.2716	25.08	0.3221
Highest		1	0	25.50	0.3548	25.37	0.3443
Lowest	16QAM	1	0	23.04	0.2014	23.47	0.2223
Middle		1	0	23.16	0.2070	23.90	0.2455
Highest		1	0	24.43	0.2773	24.65	0.2917
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.21	0.2636	24.61	0.2891
Middle		1	0	24.44	0.2780	25.10	0.3236
Highest		1	0	25.44	0.3499	25.24	0.3342
Lowest	16QAM	1	0	23.10	0.2042	23.46	0.2218
Middle		1	0	23.43	0.2203	23.93	0.2472
Highest		1	0	24.39	0.2748	24.73	0.2972
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.25	0.2661	24.65	0.2917
Middle		1	0	24.64	0.2911	25.18	0.3296
Highest		1	0	25.16	0.3281	24.99	0.3155
Lowest	16QAM	1	0	23.10	0.2042	23.51	0.2244
Middle		1	0	23.72	0.2355	24.24	0.2655
Highest		1	0	24.13	0.2588	24.66	0.2924
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.17	0.2612	24.65	0.2917
Middle		1	0	24.96	0.3133	25.13	0.3258
Highest		1	0	25.01	0.3170	25.37	0.3443
Lowest	16QAM	1	0	23.09	0.2037	23.63	0.2307
Middle		1	0	23.72	0.2355	23.81	0.2404
Highest		1	0	23.68	0.2333	24.24	0.2655
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.78	0.3006	24.77	0.2999
Middle		1	0	24.99	0.3155	24.98	0.3148
Highest		1	0	25.22	0.3327	24.75	0.2985
Lowest	16QAM	1	0	23.72	0.2355	23.67	0.2328
Middle		1	0	24.15	0.2600	24.16	0.2606
Highest		1	0	24.21	0.2636	23.99	0.2506
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.74	0.2979	24.68	0.2938
Middle		1	0	24.84	0.3048	24.74	0.2979
Highest		1	0	24.92	0.3105	24.72	0.2965
Lowest	16QAM	1	0	23.78	0.2388	23.63	0.2307
Middle		1	0	23.82	0.2410	23.76	0.2377
Highest		1	0	23.88	0.2443	23.70	0.2344
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.58	0.2871	24.49	0.2812
Middle		1	0	25.05	0.3199	24.77	0.2999
Highest		1	0	24.72	0.2965	24.73	0.2972
Lowest	16QAM	1	0	23.60	0.2291	23.64	0.2312
Middle		1	0	23.93	0.2472	23.61	0.2296
Highest		1	0	23.84	0.2421	23.66	0.2323
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.66	0.2924	24.51	0.2825
Middle		1	0	25.07	0.3214	24.69	0.2944
Highest		1	0	24.77	0.2999	24.77	0.2999
Lowest	16QAM	1	0	23.57	0.2275	23.58	0.2280
Middle		1	0	24.15	0.2600	23.62	0.2301
Highest		1	0	23.82	0.2410	23.83	0.2415
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.62	0.2897	24.55	0.2851
Middle		1	0	25.06	0.3206	24.74	0.2979
Highest		1	0	24.57	0.2864	24.87	0.3069
Lowest	16QAM	1	0	23.71	0.2350	23.53	0.2254
Middle		1	0	24.25	0.2661	23.92	0.2466
Highest		1	0	23.55	0.2265	23.97	0.2495
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.77	0.2999	24.57	0.2864
Middle		1	0	25.06	0.3206	24.78	0.3006
Highest		1	0	24.64	0.2911	24.77	0.2999
Lowest	16QAM	1	0	23.56	0.2270	23.51	0.2244
Middle		1	0	24.19	0.2624	23.94	0.2477
Highest		1	0	23.58	0.2280	23.73	0.2360
Limit	EIRP < 1W			Result		PASS	

LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.15	0.1035	4.47	0.0028
Middle		1	0	20.02	0.1005	3.88	0.0024
Highest		1	0	20.05	0.1012	4.78	0.0030
Lowest	16QAM	1	0	19.25	0.0841	3.51	0.0022
Middle		1	0	19.29	0.0849	3.06	0.0020
Highest		1	0	19.24	0.0839	3.93	0.0025
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.16	0.1038	4.48	0.0028
Middle		1	0	20.41	0.1099	5.05	0.0032
Highest		1	0	20.19	0.1045	5.84	0.0038
Lowest	16QAM	1	0	19.28	0.0847	3.55	0.0023
Middle		1	0	19.19	0.0830	4.03	0.0025
Highest		1	0	19.07	0.0807	4.90	0.0031
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.40	0.1096	4.67	0.0029
Middle		1	0	20.25	0.1059	3.86	0.0024
Highest		1	0	20.30	0.1072	4.38	0.0027
Lowest	16QAM	1	0	19.18	0.0828	3.86	0.0024
Middle		1	0	19.33	0.0857	2.97	0.0020
Highest		1	0	19.26	0.0843	3.23	0.0021
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	**Modulation**	**RB**		**Horizontal**		**Vertical**	
		Size	**Offset**	**ERP(dBm)**	**ERP(W)**	**ERP(dBm)**	**ERP(W)**
Lowest	QPSK	1	0	20.42	0.1102	4.73	0.0030
Middle		1	0	20.11	0.1026	4.00	0.0025
Highest		1	0	20.18	0.1042	3.74	0.0024
Lowest	16QAM	1	0	19.34	0.0859	3.75	0.0024
Middle		1	0	19.15	0.0822	3.06	0.0020
Highest		1	0	19.26	0.0843	2.67	0.0018
Limit	ERP < 7W			Result		PASS	

LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	18.51	0.0710	3.32	0.0021
Middle		1	24	18.64	0.0731	3.42	0.0022
Highest		1	24	19.01	0.0796	3.55	0.0023
Lowest	16QAM	1	24	17.33	0.0541	2.37	0.0017
Middle		1	24	17.55	0.0569	2.26	0.0017
Highest		1	24	17.56	0.0570	2.45	0.0018
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	17.41	0.0551	3.62	0.0023
Middle		1	49	17.73	0.0593	3.61	0.0023
Highest		1	49	17.71	0.0590	3.68	0.0023
Lowest	16QAM	1	49	16.08	0.0406	2.76	0.0019
Middle		1	49	14.11	0.0258	2.74	0.0019
Highest		1	49	16.30	0.0427	2.58	0.0018
Limit	ERP < 3W			Result		PASS	

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-41.76	-13	-28.76	-58.88	-46.36	3	7.60	H
	5639	-48.36	-13	-35.36	-62.15	-54.62	3.84	10.10	H
	7518	-40.71	-13	-27.71	-60.49	-48.21	4.43	11.93	H
	3759	-50.95	-13	-37.95	-63.44	-55.55	3	7.60	V
	5639	-50.25	-13	-37.25	-62.66	-56.51	3.84	10.10	V
	7518	-44.98	-13	-31.98	-62.77	-52.48	4.43	11.93	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-39.67	-13	-26.67	-57.69	-44.27	3	7.60	H
	5636	-49.34	-13	-36.34	-63.13	-55.60	3.84	10.10	H
	7515	-41.32	-13	-28.32	-61.10	-48.82	4.43	11.93	H
	3756	-48.69	-13	-35.69	-61.18	-53.29	3	7.60	V
	5637	-50.33	-13	-37.33	-62.74	-56.59	3.84	10.10	V
	7515	-44.32	-13	-31.32	-62.11	-51.82	4.43	11.93	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-39.19	-13	-26.19	-57.42	-43.79	3	7.60	H
	5634	-48.31	-13	-35.31	-62.10	-54.57	3.84	10.10	H
	7512	-40.87	-13	-27.87	-60.65	-48.37	4.43	11.93	H
	3756	-50.38	-13	-37.38	-62.87	-54.98	3	7.60	V
	5634	-50.33	-13	-37.33	-62.74	-56.59	3.84	10.10	V
	7512	-44.09	-13	-31.09	-61.88	-51.59	4.43	11.93	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-38.36	-13	-25.36	-56.81	-42.96	3	7.60	H
	5627	-48.23	-13	-35.23	-62.02	-54.49	3.84	10.10	H
	7503	-42.49	-13	-29.49	-62.27	-49.99	4.43	11.93	H
	3750	-48.73	-13	-35.73	-61.22	-53.33	3	7.60	V
	5627	-48.89	-13	-35.89	-61.3	-55.15	3.84	10.10	V
	7503	-43.58	-13	-30.58	-61.37	-51.08	4.43	11.93	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-40.80	-13	-27.80	-58.40	-45.40	3	7.60	H
	5621	-47.60	-13	-34.60	-61.39	-53.86	3.84	10.10	H
	7494	-41.04	-13	-28.04	-60.82	-48.54	4.43	11.93	H
	3747	-50.00	-13	-37.00	-62.49	-54.60	3	7.60	V
	5621	-49.81	-13	-36.81	-62.22	-56.07	3.84	10.10	V
	7494	-44.33	-13	-31.33	-62.12	-51.83	4.43	11.93	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-40.10	-13	-27.10	-57.94	-44.70	3	7.60	H
	5614	-48.91	-13	-35.91	-62.70	-55.17	3.84	10.10	H
	7485	-42.43	-13	-29.43	-62.21	-49.93	4.43	11.93	H
	3741	-50.28	-13	-37.28	-62.77	-54.88	3	7.60	V
	5614	-50.53	-13	-37.53	-62.94	-56.79	3.84	10.10	V
	7485	-43.27	-13	-30.27	-61.06	-50.77	4.43	11.93	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**SPA Reading (dBm)**	**S.G. Power (dBm)**	**TX Cable loss (dB)**	**TX Antenna Gain (dBi)**	**Polarization (H/V)**
Middle	3456	-51.09	-13	-38.09	-65.22	-55.46	3.12	7.49	H
	5184	-51.77	-13	-38.77	-64.92	-57.57	3.65	9.45	H
	6912	-44.47	-13	-31.47	-61.33	-51.67	4.15	11.35	H
	3456	-52.08	-13	-39.08	-64.9	-56.45	3.12	7.49	V
	5184	-49.53	-13	-36.53	-63.54	-55.33	3.65	9.45	V
	6912	-47.11	-13	-34.11	-62.36	-54.31	4.15	11.35	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670	-55.62	-13	-42.62	-57.80	-57.51	1.86	5.90	H
	2505	-54.56	-13	-41.56	-63.59	-56.90	2.31	6.80	H
	3342	-52.44	-13	-39.44	-65.07	-54.84	2.85	7.40	H
	1670	-57.67	-13	-44.67	-56.53	-59.56	1.86	5.90	V
	2505	-52.14	-13	-39.14	-63.11	-54.48	2.31	6.80	V
	3342	-51.72	-13	-38.72	-65.70	-54.12	2.85	7.40	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**SPA Reading (dBm)**	**S.G. Power (dBm)**	**TX Cable loss (dB)**	**TX Antenna Gain (dBi)**	**Polarization (H/V)**
Middle	1416	-62.35	-13	-49.35	-58.77	-63.33	1.75	4.88	H
	2124	-55.52	-13	-42.52	-61.53	-57.14	2.16	5.93	H
	2832	-53.19	-13	-40.19	-63.61	-55.22	2.48	6.66	H
	1416	-60.13	-13	-47.13	-58.6	-61.11	1.75	4.88	V
	2124	-54.23	-13	-41.23	-62.21	-55.85	2.16	5.93	V
	2832	-54.30	-13	-41.30	-65.81	-56.33	2.48	6.66	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**SPA Reading (dBm)**	**S.G. Power (dBm)**	**TX Cable loss (dB)**	**TX Antenna Gain (dBi)**	**Polarization (H/V)**
Middle	1412	-61.68	-13	-48.68	-58.10	-62.66	1.75	4.88	H
	2117	-55.45	-13	-42.45	-61.46	-57.07	2.16	5.93	H
	2824	-54.71	-13	-41.71	-65.13	-56.74	2.48	6.66	H
	1412	-60.17	-13	-47.17	-58.64	-61.15	1.75	4.88	V
	2117	-53.88	-13	-40.88	-61.86	-55.50	2.16	5.93	V
	2824	-54.47	-13	-41.47	-65.98	-56.50	2.48	6.66	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

Appendix D. Product Equality Declaration

ZTE CORPORATION

Product Change Description

As the applicant of the below model, [ZTE Corporation] declares that the product,

[MF923]
[ZTE Corporation]
is the variant of the initial certified product,

[MF923]
[ZTE Corporation]

SOFTWARE MODIFICATIONS:

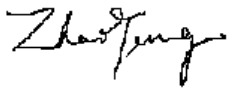
Protocol Stack changes: NO
MMS/STK changes: NO
JAVA changes: NO

HARDWARE MODIFICATION:

Band changes: NO
Power Amplifier changes: Yes
From AVAGO ACPM-9417-TR1 to AVAGO ACPM-9417-TR2
This PA is for Band 12/17, MF923 do not support band 12.
Antenna changes: NO
PCB Layout changes: NO
Components on PCB changes: NO
LCD changes: NO
Speaker changes: NO
Camera changes: NO
Vibrator changes: NO
Bluetooth changes: NO
Other changes: Duplexer changed.
From AVAGO ACMD-6102 to TAIYO D6PF1G960M3B9
This Duplexer is for Band 2.

MECHANICAL MODIFICATIONS:

Use new metal front/back cover or keypad: NO
Other changes detailed: NO



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