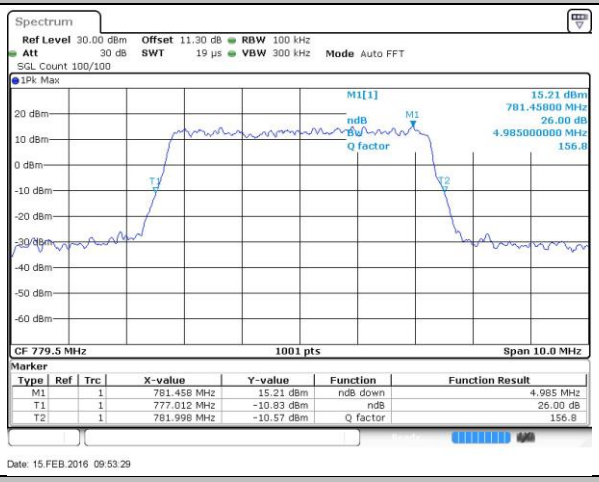
26dB Bandwidth

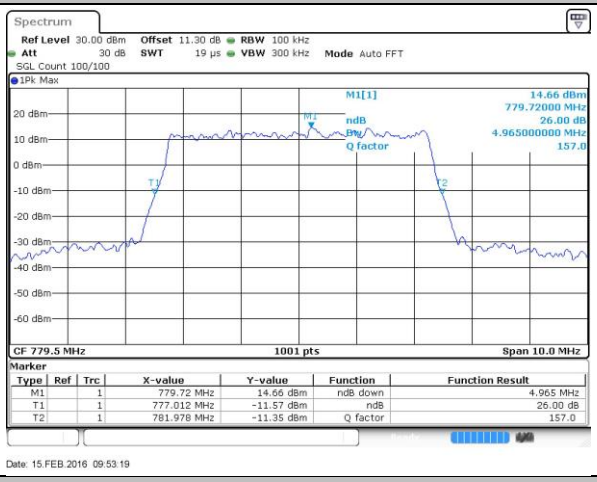
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.99	4.97	-	-	-	-	-	-
Middle CH	-	-	-	-	5.02	4.97	9.75	9.65	-	-	-	-
Highest CH	-	-	-	-	5.02	4.94	-	-	-	-	-	-

LTE Band 13

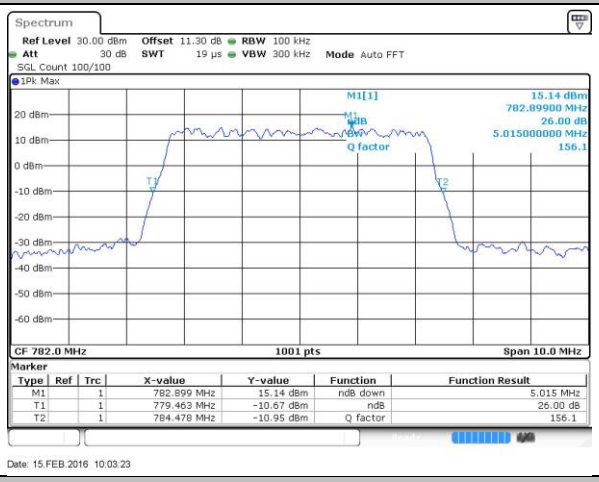
Lowest Channel / 5MHz / QPSK



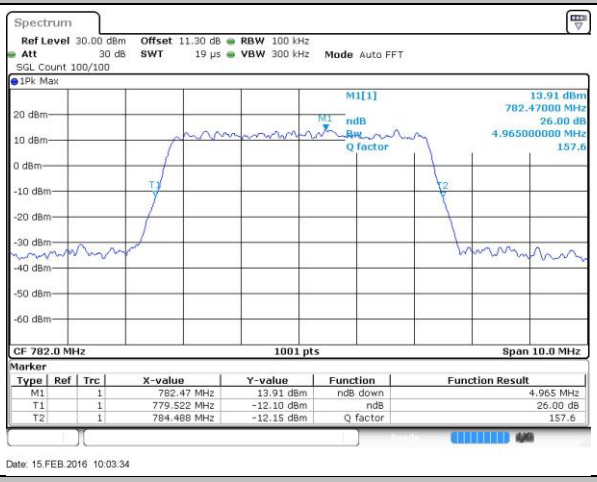
Lowest Channel / 5MHz / 16QAM



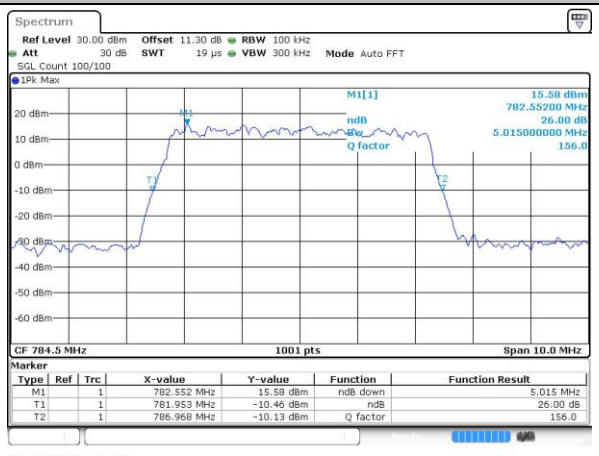
Middle Channel / 5MHz / QPSK



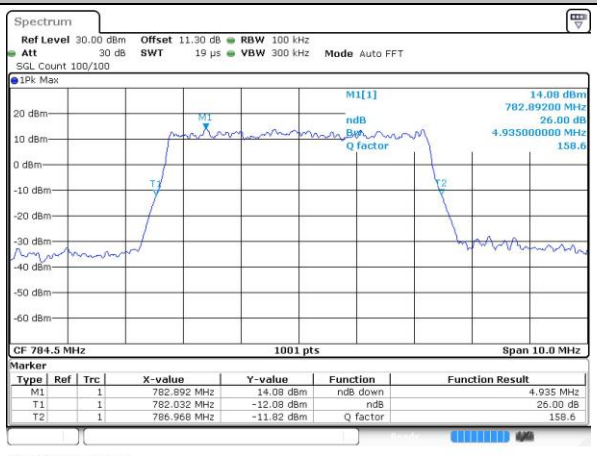
Middle Channel / 5MHz / 16QAM

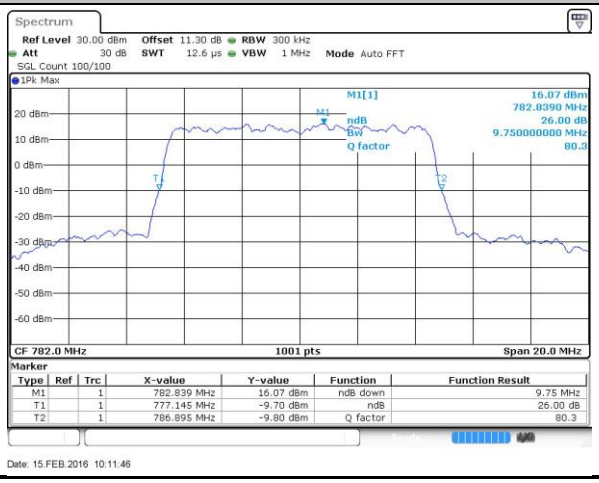
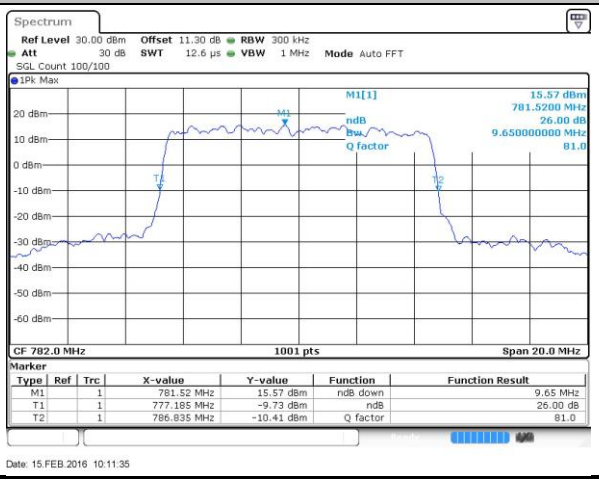


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM



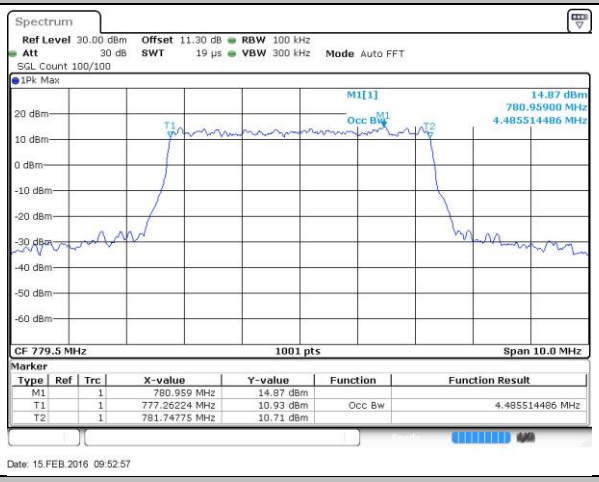
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

Occupied Bandwidth

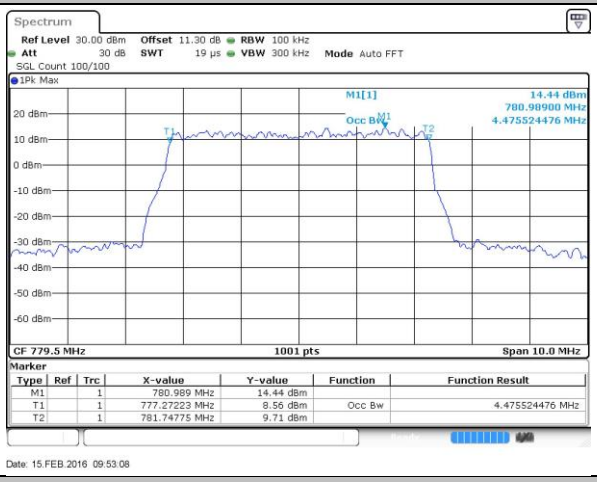
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.51	4.5	9.05	9.03	-	-	-	-
Highest CH	-	-	-	-	4.48	4.47	-	-	-	-	-	-

LTE Band 13

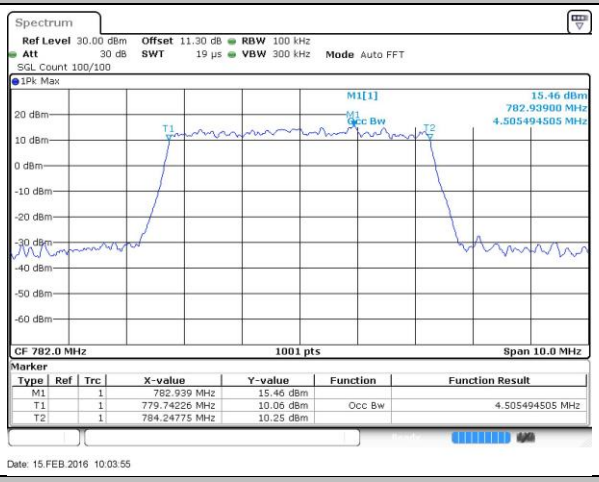
Lowest Channel / 5MHz / QPSK



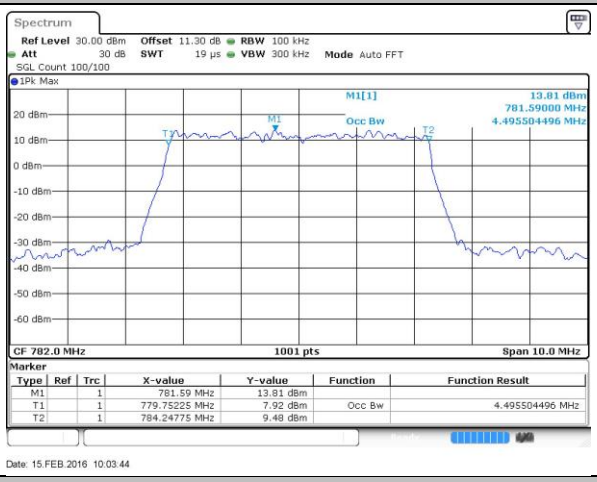
Lowest Channel / 5MHz / 16QAM



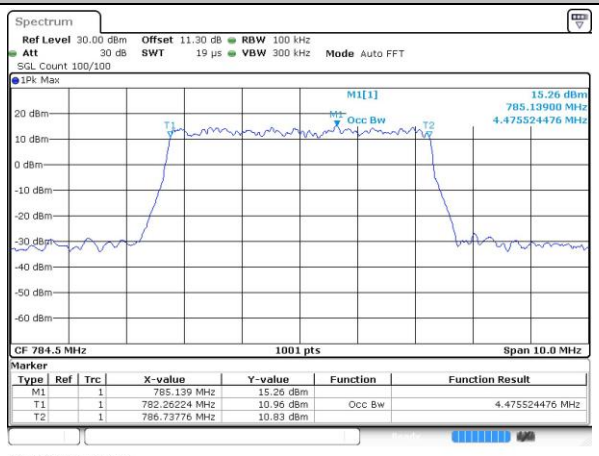
Middle Channel / 5MHz / QPSK



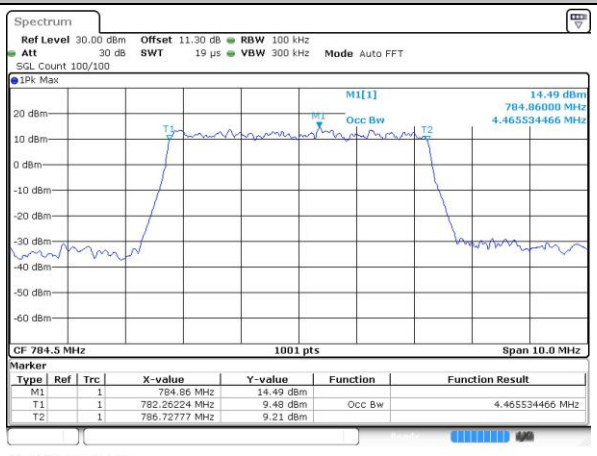
Middle Channel / 5MHz / 16QAM

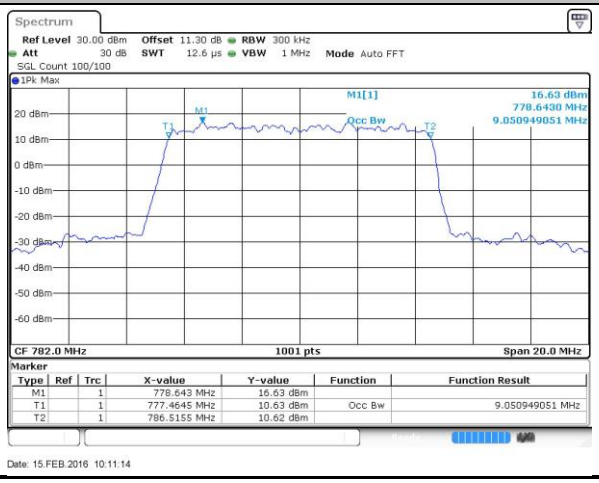
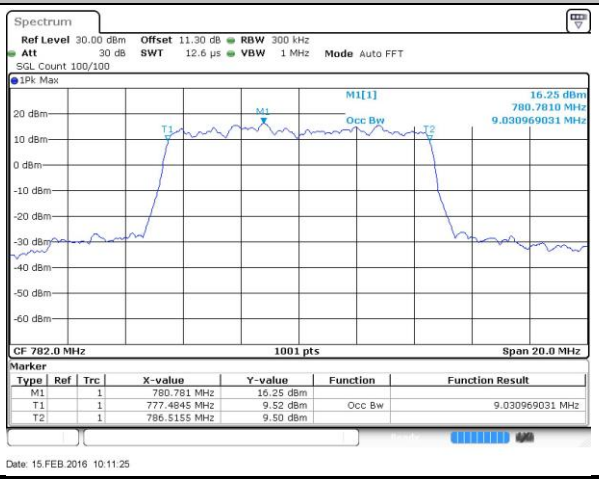


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM

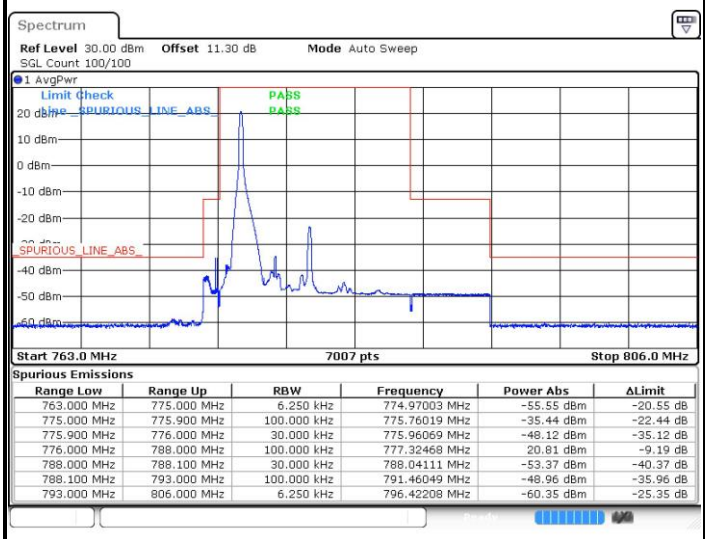


LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

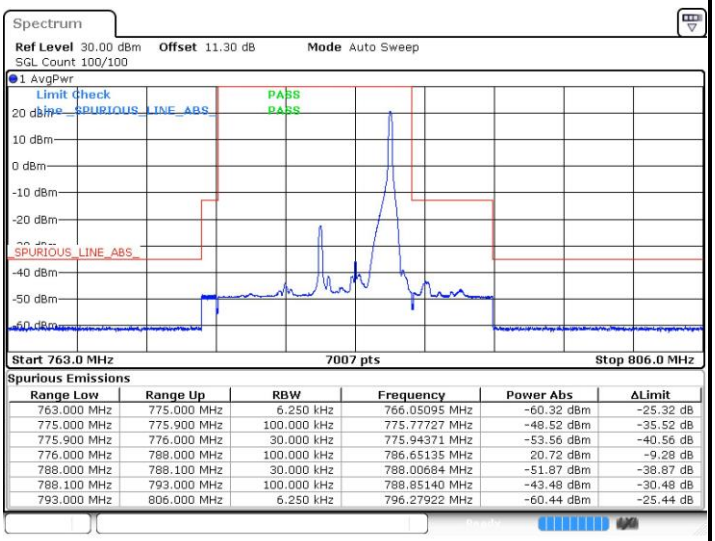


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-55.55 dBm	-20.55 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76019 MHz	-35.44 dBm	-22.44 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96069 MHz	-48.12 dBm	-35.12 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.32468 MHz	20.81 dBm	-9.19 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04111 MHz	-53.37 dBm	-40.37 dB
788.100 MHz	793.000 MHz	100.000 kHz	791.46049 MHz	-48.96 dBm	-35.96 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.42208 MHz	-60.35 dBm	-25.35 dB

Date: 15.FEB.2016 09:59:35

Highest Band Edge / 1 RB

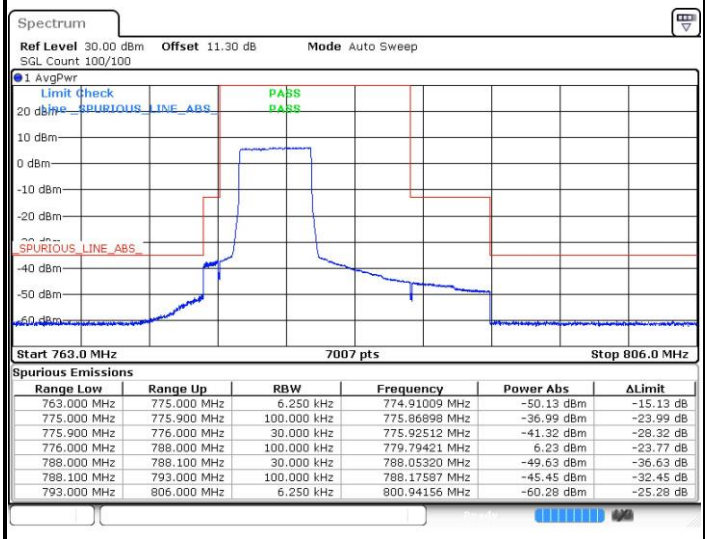


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.05095 MHz	-60.32 dBm	-25.32 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.77727 MHz	-48.52 dBm	-35.52 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94371 MHz	-53.56 dBm	-40.56 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.65135 MHz	20.72 dBm	-9.28 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00684 MHz	-51.87 dBm	-38.87 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.85140 MHz	-43.48 dBm	-30.48 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.27922 MHz	-60.44 dBm	-25.44 dB

Date: 15.FEB.2016 10:09:15

Lowest Band Edge / Full RB

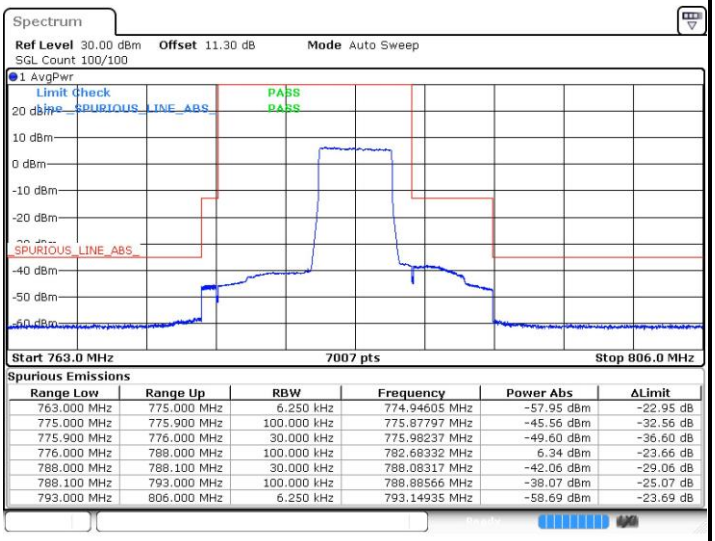


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-50.13 dBm	-15.13 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86898 MHz	-36.99 dBm	-23.99 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92512 MHz	-41.32 dBm	-28.32 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.79421 MHz	6.23 dBm	-23.77 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05320 MHz	-49.63 dBm	-36.63 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17587 MHz	-45.45 dBm	-32.45 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.94156 MHz	-60.28 dBm	-25.28 dB

Date: 15.FEB.2016 09:56:07

Highest Band Edge / Full RB



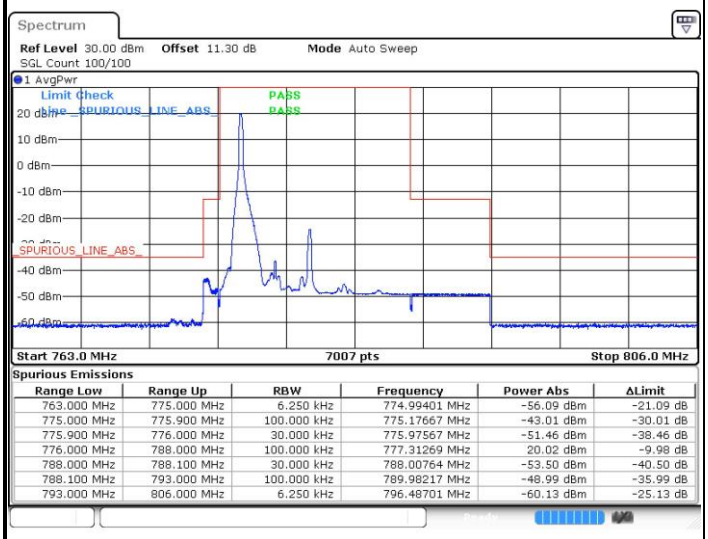
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-57.95 dBm	-22.95 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87797 MHz	-45.56 dBm	-32.56 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98237 MHz	-49.60 dBm	-36.60 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.68332 MHz	6.34 dBm	-23.66 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08317 MHz	-42.06 dBm	-29.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.88566 MHz	-38.07 dBm	-25.07 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.14935 MHz	-58.69 dBm	-23.69 dB

Date: 15.FEB.2016 10:05:46

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge /1 RB

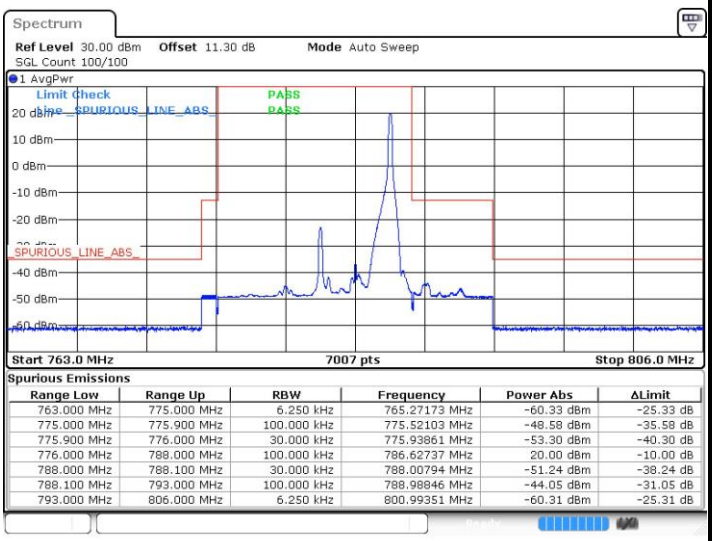


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-56.09 dBm	-21.09 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.17667 MHz	-43.01 dBm	-30.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97567 MHz	-51.46 dBm	-38.46 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	20.02 dBm	-9.98 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00764 MHz	-53.50 dBm	-40.50 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.98217 MHz	-48.99 dBm	-35.99 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.48701 MHz	-60.13 dBm	-25.13 dB

Date: 15.FEB.2016 09:58:26

Highest Band Edge / 1 RB

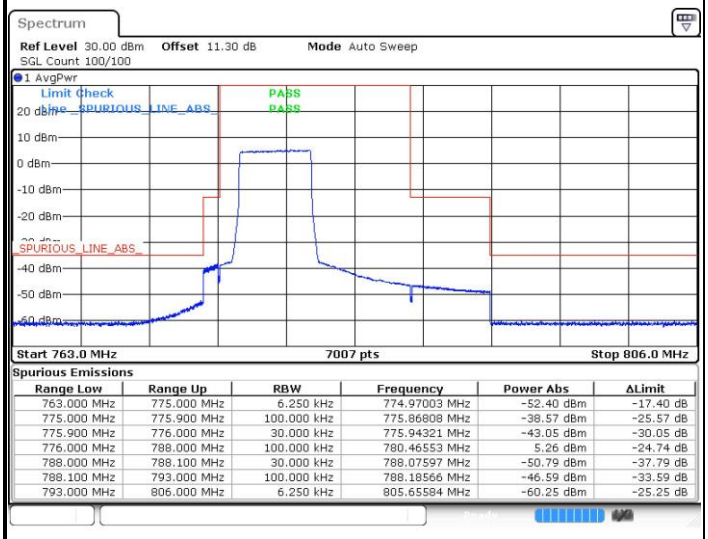


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.27173 MHz	-60.33 dBm	-25.33 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.52103 MHz	-48.58 dBm	-35.58 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93861 MHz	-53.30 dBm	-40.30 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	20.00 dBm	-10.00 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00794 MHz	-51.24 dBm	-38.24 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.98846 MHz	-44.05 dBm	-31.05 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.99351 MHz	-60.31 dBm	-25.31 dB

Date: 15.FEB.2016 10:08:05

Lowest Band Edge / Full RB

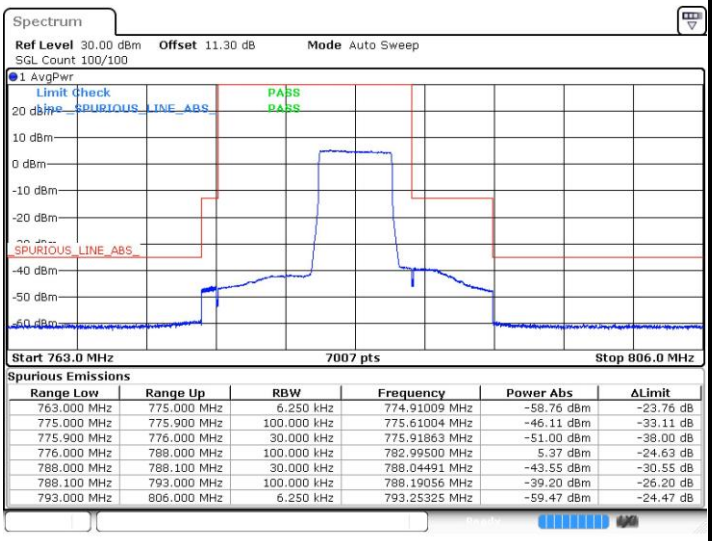


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-52.40 dBm	-17.40 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86808 MHz	-38.57 dBm	-25.57 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94321 MHz	-43.05 dBm	-30.05 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.46553 MHz	5.26 dBm	-24.74 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07597 MHz	-50.79 dBm	-37.79 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18566 MHz	-46.59 dBm	-33.59 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.65584 MHz	-60.25 dBm	-25.25 dB

Date: 15.FEB.2016 09:57:16

Highest Band Edge / Full RB



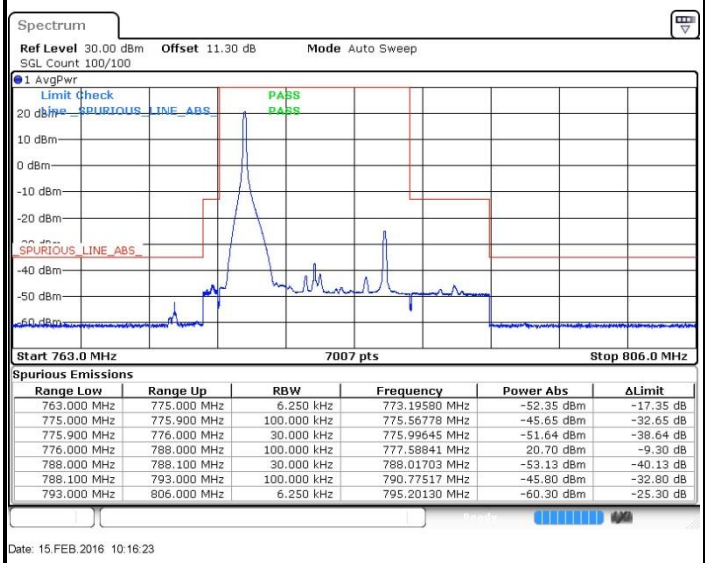
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-58.76 dBm	-23.76 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.61004 MHz	-46.11 dBm	-33.11 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91863 MHz	-51.00 dBm	-38.00 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.99500 MHz	5.37 dBm	-24.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04491 MHz	-43.55 dBm	-30.55 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.19056 MHz	-39.20 dBm	-26.20 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.25325 MHz	-59.47 dBm	-24.47 dB

Date: 15.FEB.2016 10:06:56

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

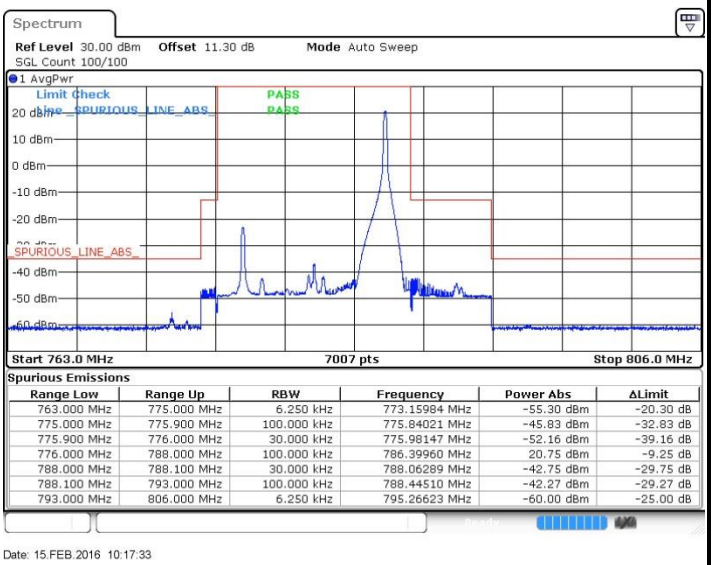


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-52.35 dBm	-17.35 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.56778 MHz	-45.65 dBm	-32.65 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99645 MHz	-51.64 dBm	-38.64 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	20.70 dBm	-9.30 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01703 MHz	-53.13 dBm	-40.13 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.77517 MHz	-45.80 dBm	-32.80 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.20130 MHz	-60.30 dBm	-25.30 dB

Date: 15.FEB.2016 10:16:23

Highest Band Edge / 1 RB

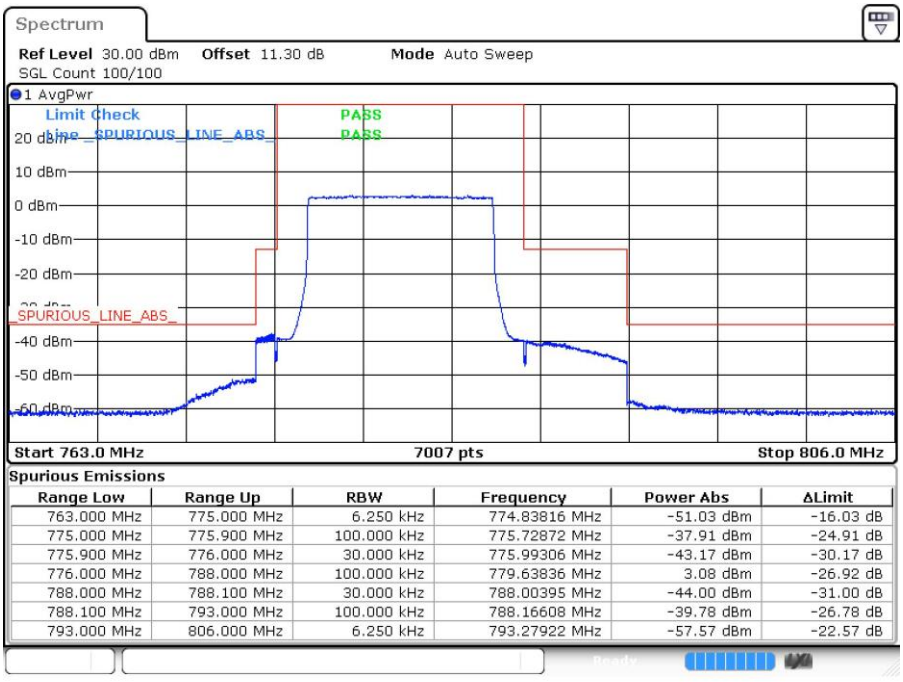


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.15984 MHz	-55.30 dBm	-20.30 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84021 MHz	-45.83 dBm	-32.83 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98147 MHz	-52.16 dBm	-39.16 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	20.75 dBm	-9.25 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06289 MHz	-42.75 dBm	-29.75 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.44510 MHz	-42.27 dBm	-29.27 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.26623 MHz	-60.00 dBm	-25.00 dB

Date: 15.FEB.2016 10:17:33

Band Edge / Full RB



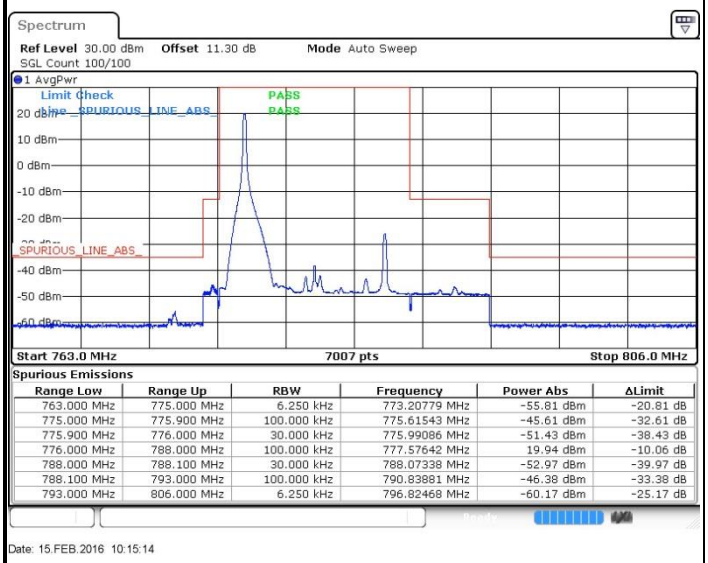
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.83816 MHz	-51.03 dBm	-16.03 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.72872 MHz	-37.91 dBm	-24.91 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99306 MHz	-43.17 dBm	-30.17 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.63836 MHz	3.08 dBm	-26.92 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00395 MHz	-44.00 dBm	-31.00 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.16608 MHz	-39.78 dBm	-26.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.27922 MHz	-57.57 dBm	-22.57 dB

Date: 15.FEB.2016 10:12:55

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

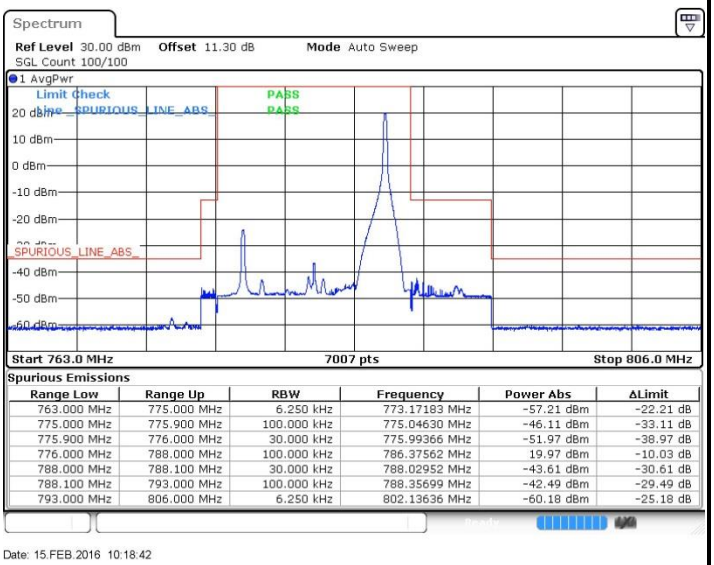


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.20779 MHz	-55.81 dBm	-20.81 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.61543 MHz	-45.61 dBm	-32.61 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99086 MHz	-51.43 dBm	-38.43 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	19.94 dBm	-10.06 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07338 MHz	-52.97 dBm	-39.97 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.83881 MHz	-46.38 dBm	-33.38 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.82468 MHz	-60.17 dBm	-25.17 dB

Date: 15.FEB.2016 10:15:14

Highest Band Edge / 1 RB

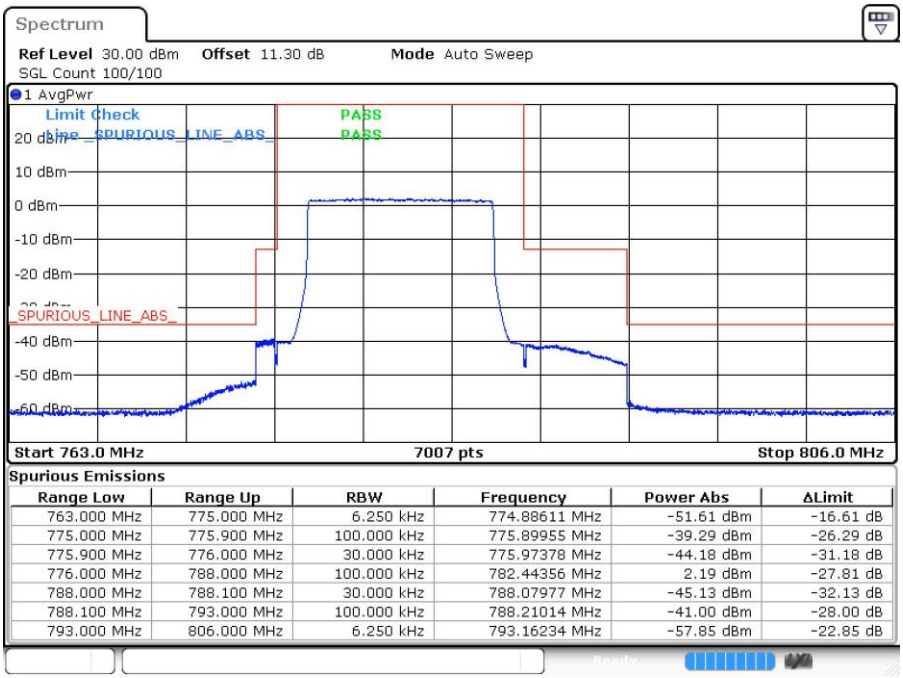


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.17183 MHz	-57.21 dBm	-22.21 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.04630 MHz	-46.11 dBm	-33.11 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99366 MHz	-51.97 dBm	-38.97 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	19.97 dBm	-10.03 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02952 MHz	-43.61 dBm	-30.61 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.35699 MHz	-42.49 dBm	-29.49 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.13636 MHz	-60.18 dBm	-25.18 dB

Date: 15.FEB.2016 10:18:42

Band Edge / Full RB



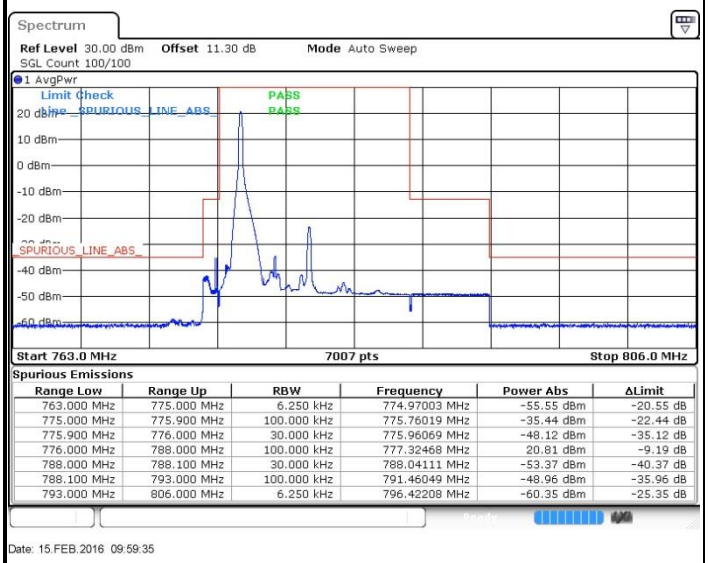
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-51.61 dBm	-16.61 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-39.29 dBm	-26.29 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97378 MHz	-44.18 dBm	-31.18 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.44356 MHz	2.19 dBm	-27.81 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07977 MHz	-45.13 dBm	-32.13 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.21014 MHz	-41.00 dBm	-28.00 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.16234 MHz	-57.85 dBm	-22.85 dB

Date: 15.FEB.2016 10:14:04

IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

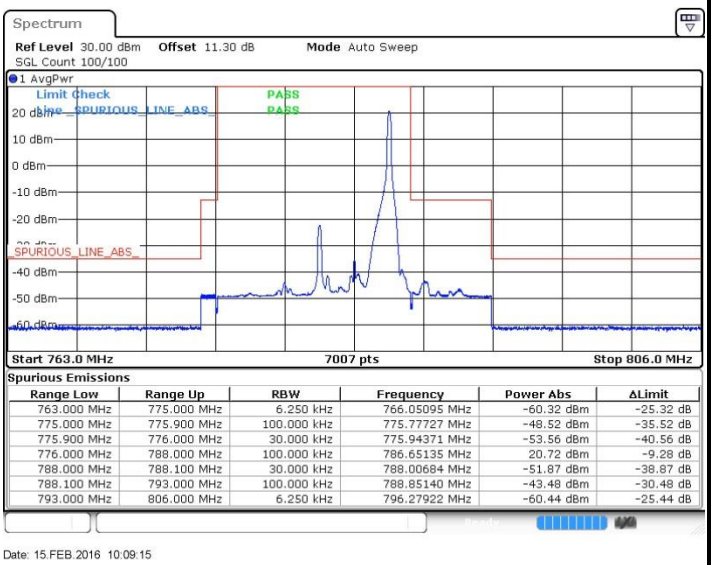


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-55.55 dBm	-20.55 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76019 MHz	-35.44 dBm	-22.44 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96069 MHz	-48.12 dBm	-35.12 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.32468 MHz	20.81 dBm	-9.19 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04111 MHz	-53.37 dBm	-40.37 dB
788.100 MHz	793.000 MHz	100.000 kHz	791.46049 MHz	-48.96 dBm	-35.96 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.42208 MHz	-60.35 dBm	-25.35 dB

Date: 15.FEB.2016 09:59:35

Highest Band Edge / 1 RB

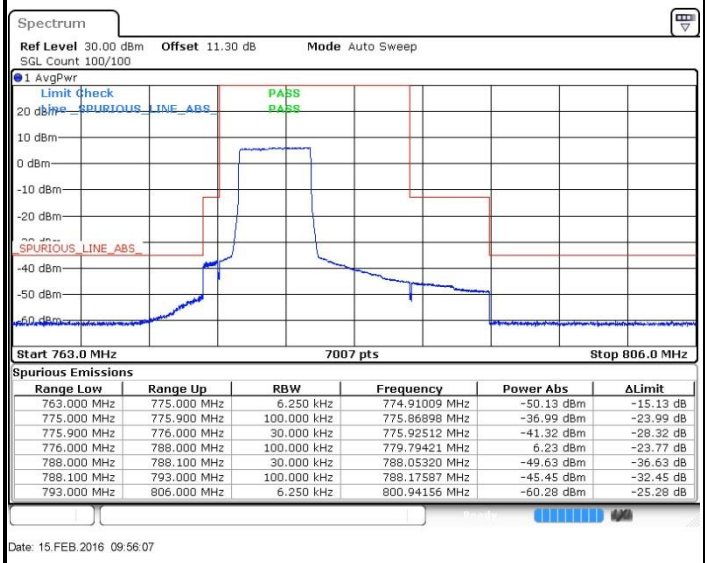


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.05095 MHz	-60.32 dBm	-25.32 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.77727 MHz	-48.52 dBm	-35.52 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94371 MHz	-53.56 dBm	-40.56 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.65135 MHz	20.72 dBm	-9.28 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00684 MHz	-51.87 dBm	-38.87 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.85140 MHz	-43.48 dBm	-30.48 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.27922 MHz	-60.44 dBm	-25.44 dB

Date: 15.FEB.2016 10:09:15

Lowest Band Edge / Full RB

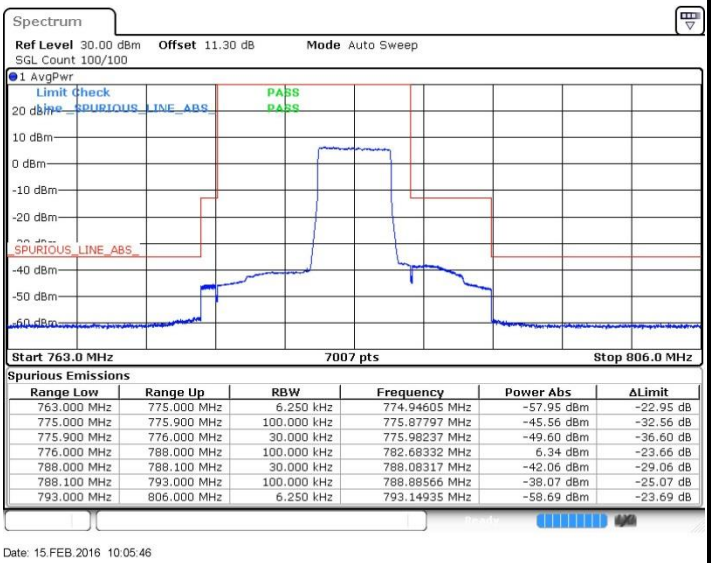


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-50.13 dBm	-15.13 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86898 MHz	-36.99 dBm	-23.99 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92512 MHz	-41.32 dBm	-28.32 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.79421 MHz	6.23 dBm	-23.77 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05320 MHz	-49.63 dBm	-36.63 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17587 MHz	-45.45 dBm	-32.45 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.94156 MHz	-60.28 dBm	-25.28 dB

Date: 15.FEB.2016 09:56:07

Highest Band Edge / Full RB



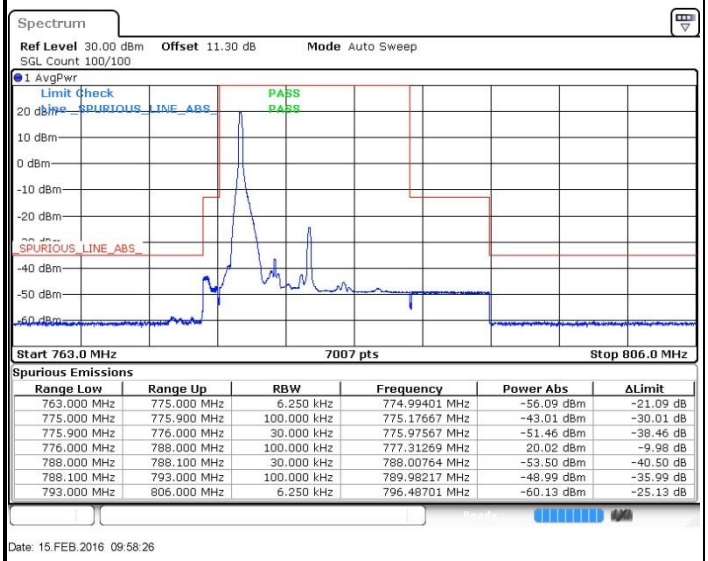
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-57.95 dBm	-22.95 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87797 MHz	-45.56 dBm	-32.56 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98237 MHz	-49.60 dBm	-36.60 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.68332 MHz	6.34 dBm	-23.66 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08317 MHz	-42.06 dBm	-29.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.88566 MHz	-38.07 dBm	-25.07 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.14935 MHz	-58.69 dBm	-23.69 dB

Date: 15.FEB.2016 10:05:46

IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge /1 RB

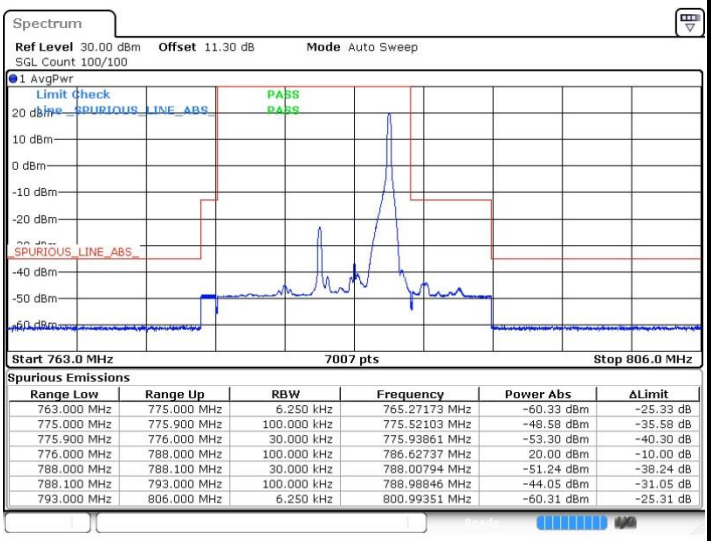


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-56.09 dBm	-21.09 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.17667 MHz	-43.01 dBm	-30.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97567 MHz	-51.46 dBm	-38.46 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	20.02 dBm	-9.98 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00764 MHz	-53.50 dBm	-40.50 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.98217 MHz	-48.99 dBm	-35.99 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.48701 MHz	-60.13 dBm	-25.13 dB

Date: 15.FEB.2016 09:58:26

Highest Band Edge / 1 RB

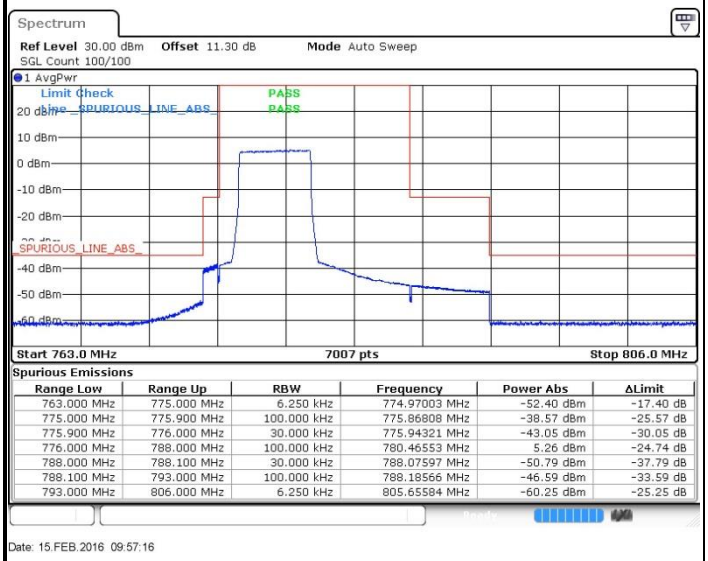


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.27173 MHz	-60.33 dBm	-25.33 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.52103 MHz	-48.58 dBm	-35.58 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93861 MHz	-53.30 dBm	-40.30 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	20.00 dBm	-10.00 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00794 MHz	-51.24 dBm	-38.24 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.98846 MHz	-44.05 dBm	-31.05 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.99351 MHz	-60.31 dBm	-25.31 dB

Date: 15.FEB.2016 10:08:05

Lowest Band Edge / Full RB

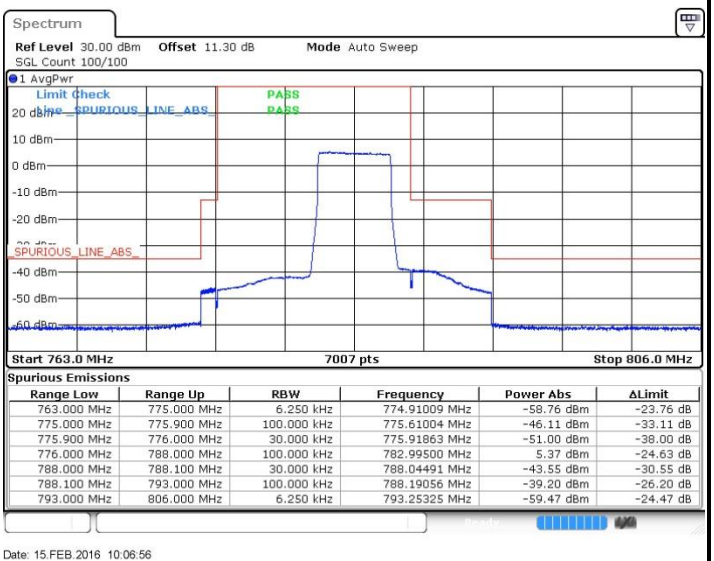


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-52.40 dBm	-17.40 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86808 MHz	-38.57 dBm	-25.57 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94321 MHz	-43.05 dBm	-30.05 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.46553 MHz	5.26 dBm	-24.74 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07597 MHz	-50.79 dBm	-37.79 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18566 MHz	-46.59 dBm	-33.59 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.65584 MHz	-60.25 dBm	-25.25 dB

Date: 15.FEB.2016 09:57:16

Highest Band Edge / Full RB



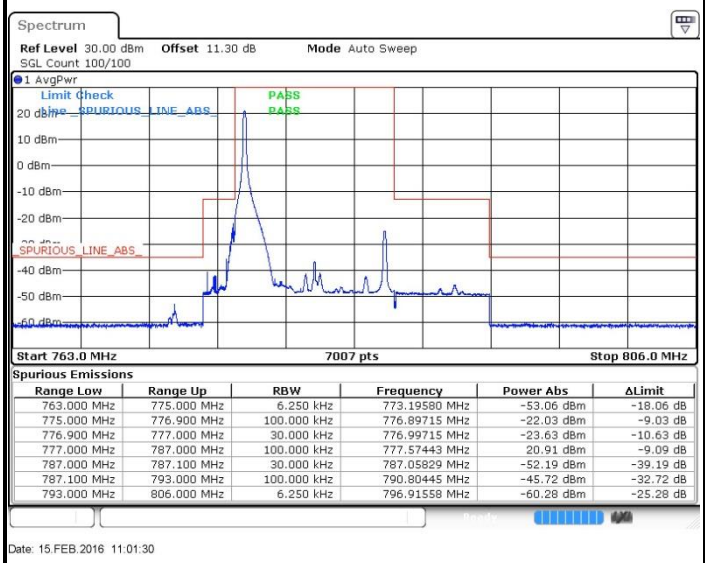
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.91009 MHz	-58.76 dBm	-23.76 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.61004 MHz	-46.11 dBm	-33.11 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91863 MHz	-51.00 dBm	-38.00 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.99500 MHz	5.37 dBm	-24.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04491 MHz	-43.55 dBm	-30.55 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.19056 MHz	-39.20 dBm	-26.20 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.25325 MHz	-59.47 dBm	-24.47 dB

Date: 15.FEB.2016 10:06:56

IC LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

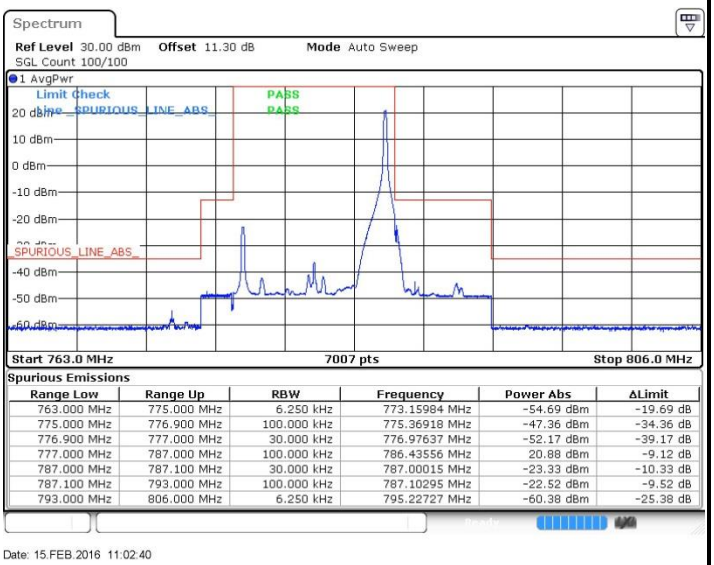


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-53.06 dBm	-18.06 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89715 MHz	-22.03 dBm	-9.03 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99715 MHz	-23.63 dBm	-10.63 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.57443 MHz	20.91 dBm	-9.09 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.05829 MHz	-52.19 dBm	-39.19 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.80445 MHz	-45.72 dBm	-32.72 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.91558 MHz	-60.28 dBm	-25.28 dB

Date: 15.FEB.2016 11:01:30

Highest Band Edge / 1 RB

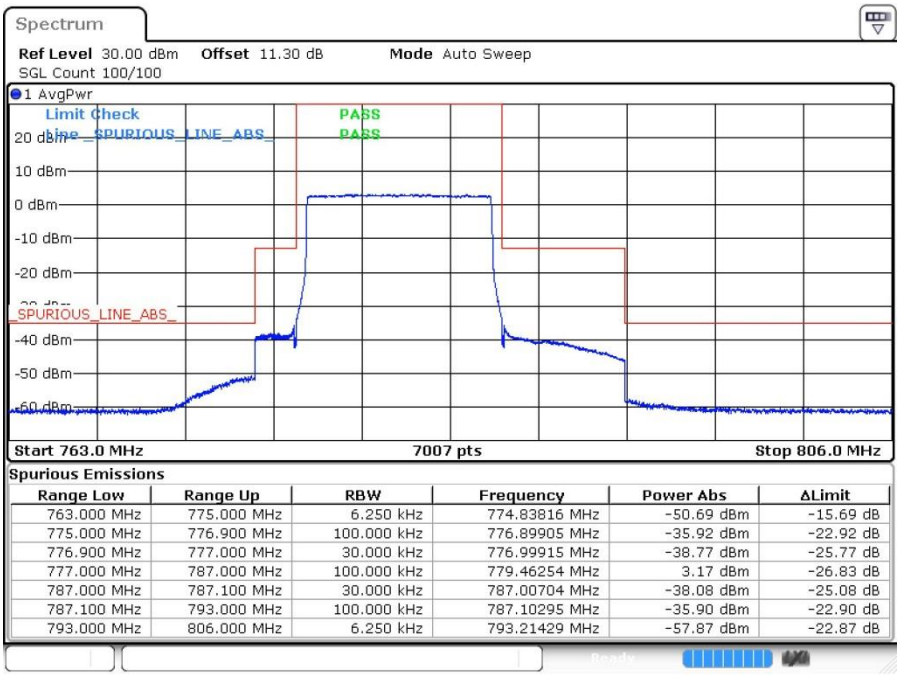


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.15984 MHz	-54.69 dBm	-19.69 dB
775.000 MHz	776.900 MHz	100.000 kHz	775.36918 MHz	-47.36 dBm	-34.36 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.97637 MHz	-52.17 dBm	-39.17 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.43556 MHz	20.88 dBm	-9.12 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00015 MHz	-23.33 dBm	-10.33 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-22.52 dBm	-9.52 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-60.38 dBm	-25.38 dB

Date: 15.FEB.2016 11:02:40

Band Edge / Full RB



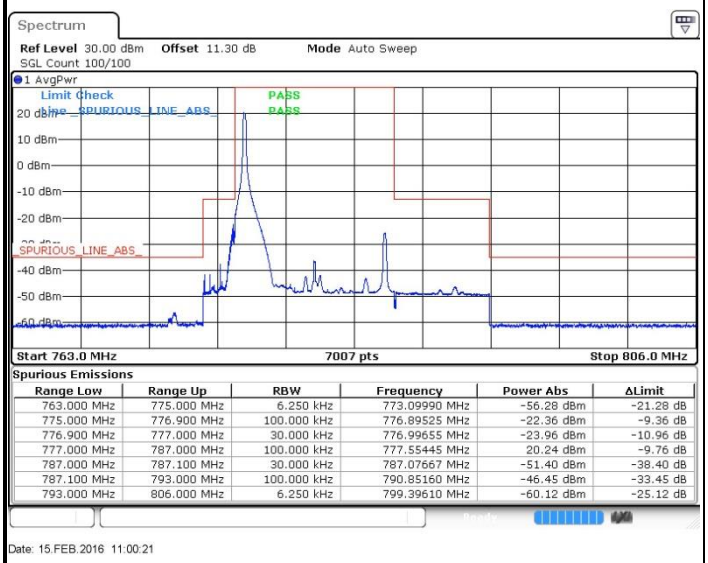
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.83816 MHz	-50.69 dBm	-15.69 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-35.92 dBm	-22.92 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99915 MHz	-38.77 dBm	-25.77 dB
777.000 MHz	787.000 MHz	100.000 kHz	779.46254 MHz	3.17 dBm	-26.83 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00704 MHz	-38.08 dBm	-25.08 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-35.90 dBm	-22.90 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.21429 MHz	-57.87 dBm	-22.87 dB

Date: 15.FEB.2016 10:58:02

IC LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

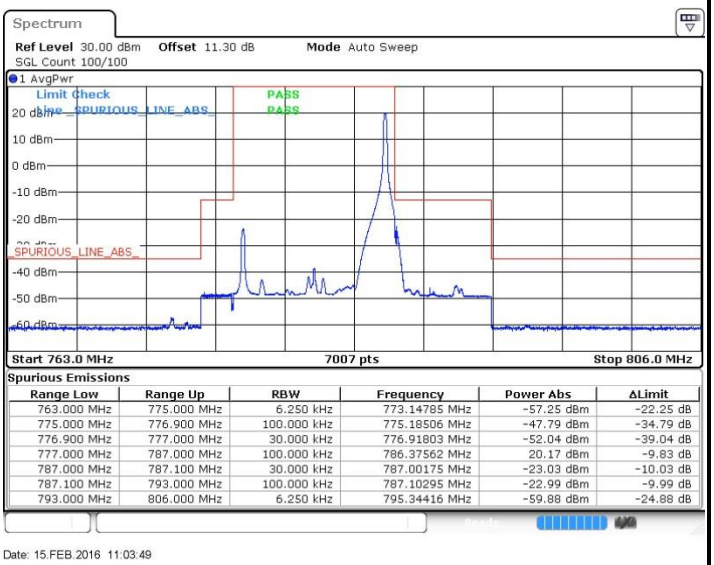


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.09990 MHz	-56.28 dBm	-21.28 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89525 MHz	-22.36 dBm	-9.36 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99655 MHz	-23.96 dBm	-10.96 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.55445 MHz	20.24 dBm	-9.76 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.07667 MHz	-51.40 dBm	-38.40 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.85160 MHz	-46.45 dBm	-33.45 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.39610 MHz	-60.12 dBm	-25.12 dB

Date: 15.FEB.2016 11:00:21

Highest Band Edge / 1 RB

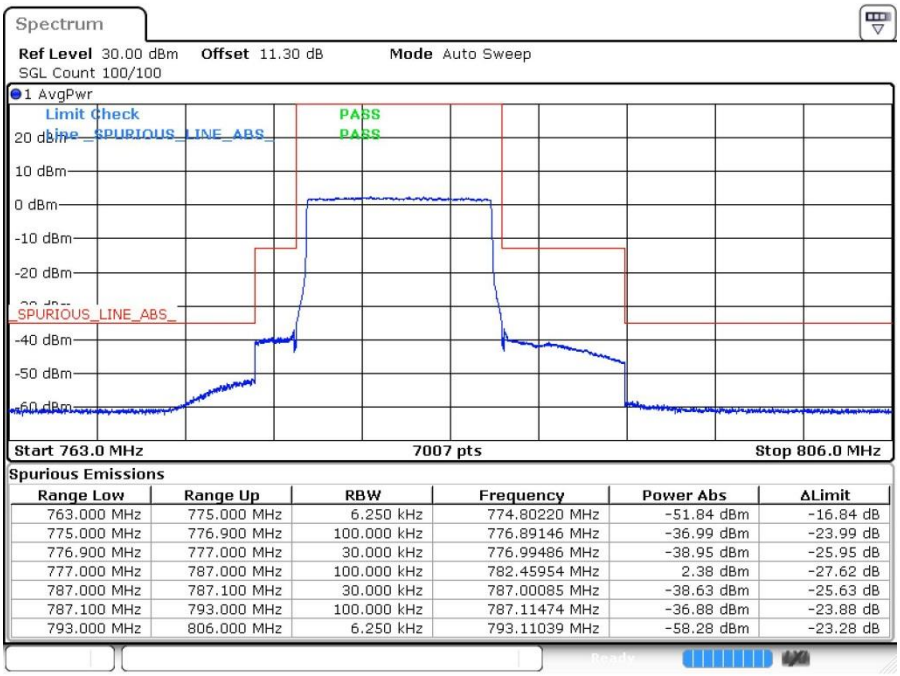


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.14785 MHz	-57.25 dBm	-22.25 dB
775.000 MHz	776.900 MHz	100.000 kHz	775.18506 MHz	-47.79 dBm	-34.79 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.91803 MHz	-52.04 dBm	-39.04 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.37562 MHz	20.17 dBm	-9.83 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00175 MHz	-23.03 dBm	-10.03 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-22.99 dBm	-9.99 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.34416 MHz	-59.88 dBm	-24.88 dB

Date: 15.FEB.2016 11:03:49

Band Edge / Full RB



Spurious Emissions

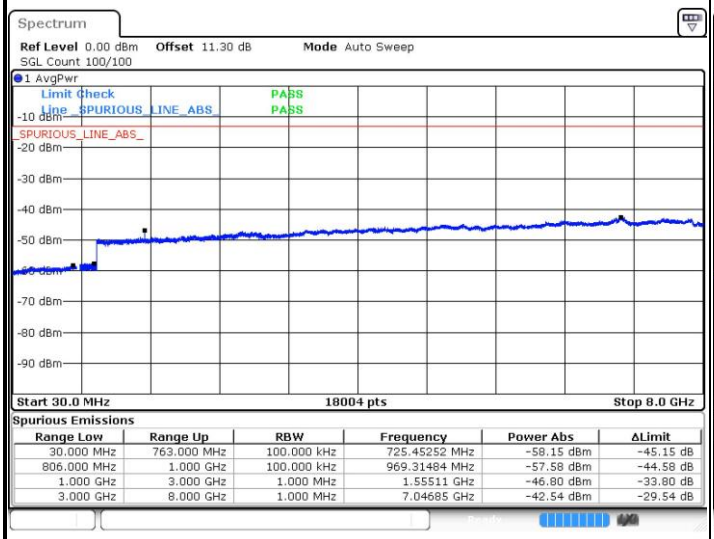
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.80220 MHz	-51.84 dBm	-16.84 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89146 MHz	-36.99 dBm	-23.99 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99486 MHz	-38.95 dBm	-25.95 dB
777.000 MHz	787.000 MHz	100.000 kHz	782.45954 MHz	2.38 dBm	-27.62 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00085 MHz	-38.63 dBm	-25.63 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.11474 MHz	-36.88 dBm	-23.88 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.11039 MHz	-58.28 dBm	-23.28 dB

Date: 15.FEB.2016 10:59:11

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

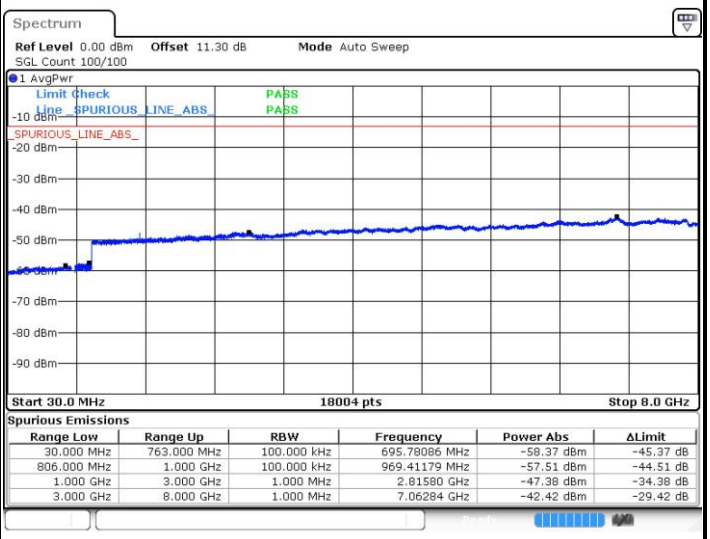


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	725.45252 MHz	-58.15 dBm	-45.15 dB
806.000 MHz	1.000 GHz	100.000 kHz	969.31484 MHz	-57.58 dBm	-44.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-46.80 dBm	-33.80 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.04685 GHz	-42.54 dBm	-29.54 dB

Date: 15.FEB.2016 10:00:30

Lowest Channel / 16QAM

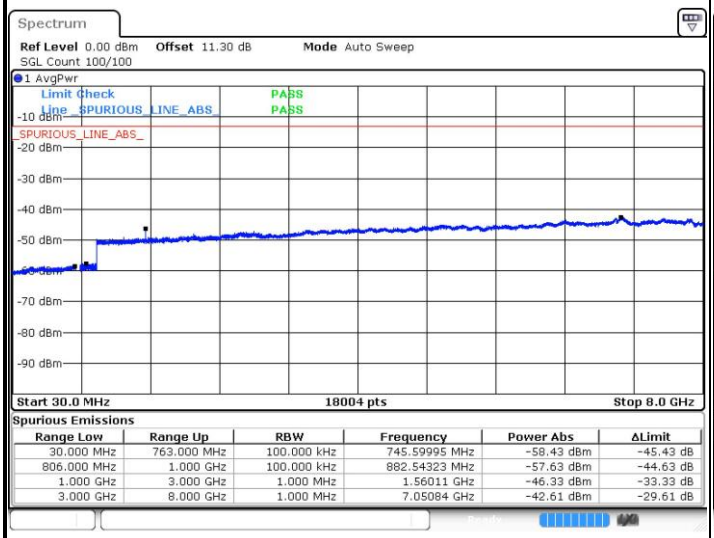


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	695.78086 MHz	-58.37 dBm	-45.37 dB
806.000 MHz	1.000 GHz	100.000 kHz	969.41179 MHz	-57.51 dBm	-44.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.81580 GHz	-47.38 dBm	-34.38 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.06284 GHz	-42.42 dBm	-29.42 dB

Date: 15.FEB.2016 10:01:25

Middle Channel / QPSK

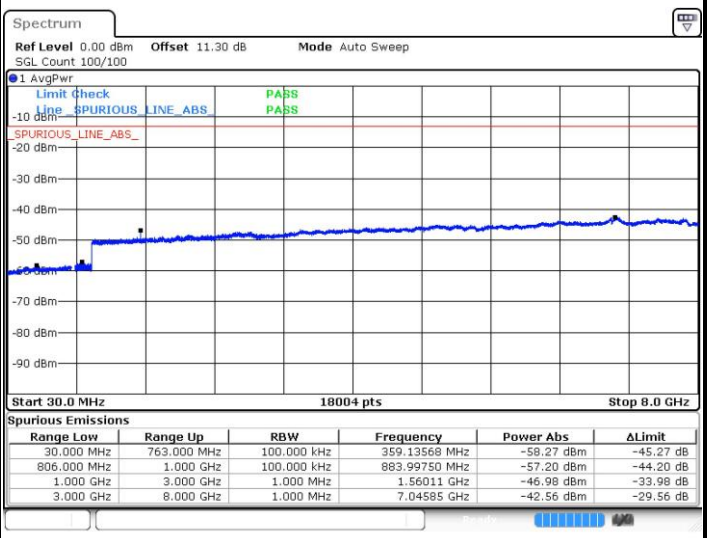


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	745.59995 MHz	-58.43 dBm	-45.43 dB
806.000 MHz	1.000 GHz	100.000 kHz	882.54323 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-46.33 dBm	-33.33 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.05084 GHz	-42.61 dBm	-29.61 dB

Date: 15.FEB.2016 10:03:13

Middle Channel / 16QAM



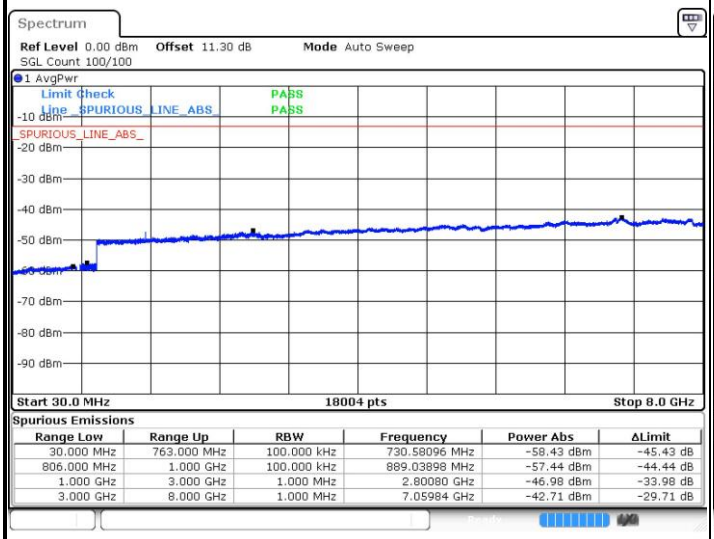
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	359.13568 MHz	-58.27 dBm	-45.27 dB
806.000 MHz	1.000 GHz	100.000 kHz	883.99750 MHz	-57.20 dBm	-44.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-46.98 dBm	-33.98 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.04585 GHz	-42.56 dBm	-29.56 dB

Date: 15.FEB.2016 10:02:19

LTE Band 13 / 5MHz

Highest Channel / QPSK

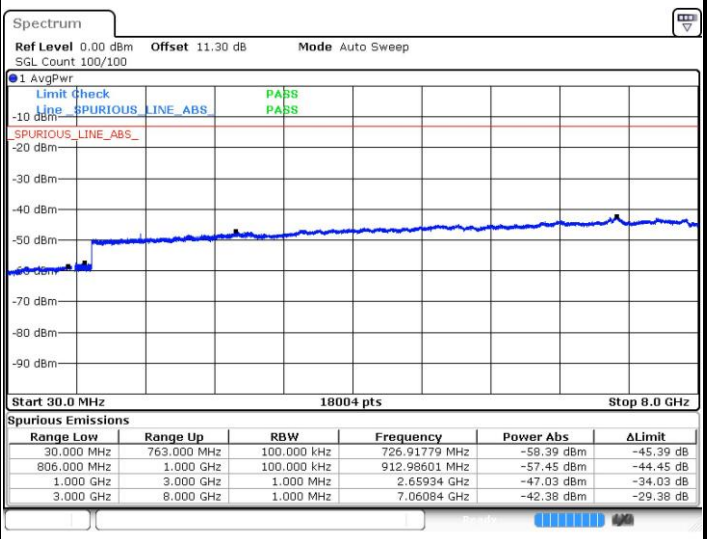


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	730.58096 MHz	-58.43 dBm	-45.43 dB
806.000 MHz	1.000 GHz	100.000 kHz	889.03898 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80080 GHz	-46.98 dBm	-33.98 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.05984 GHz	-42.71 dBm	-29.71 dB

Date: 15.FEB.2016 10:10:10

Highest Channel / 16QAM



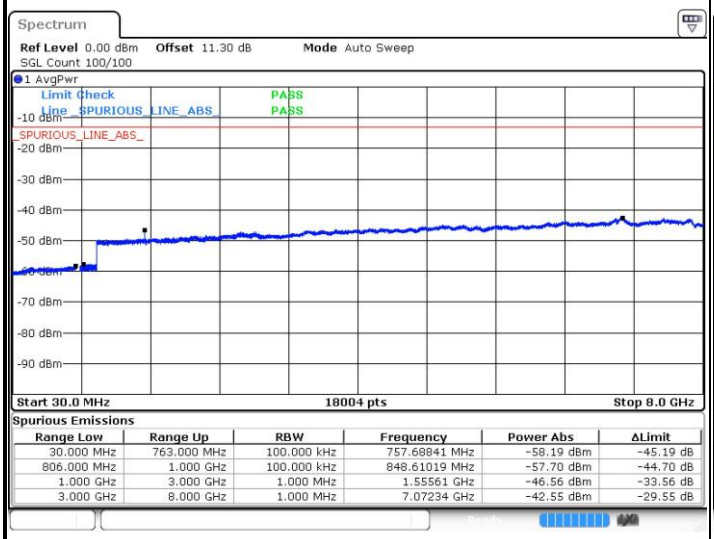
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	726.91779 MHz	-58.39 dBm	-45.39 dB
806.000 MHz	1.000 GHz	100.000 kHz	912.98601 MHz	-57.45 dBm	-44.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.65934 GHz	-47.03 dBm	-34.03 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.06084 GHz	-42.38 dBm	-29.38 dB

Date: 15.FEB.2016 10:11:04

LTE Band 13 / 10MHz

Middle Channel / QPSK

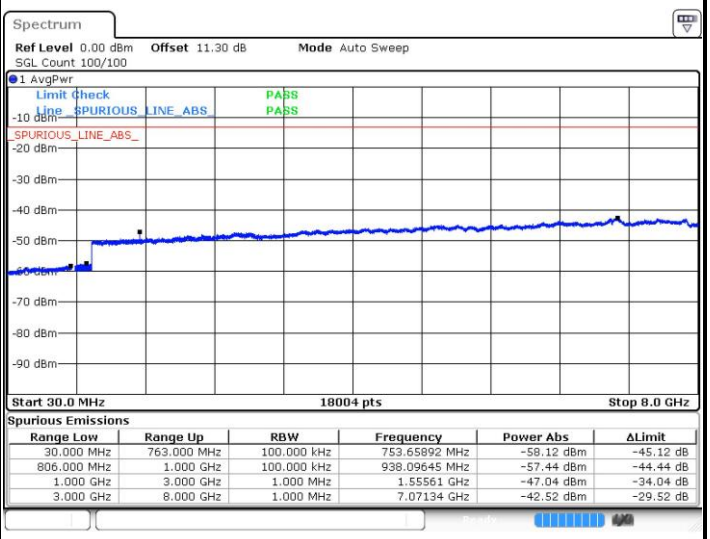


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	757.68841 MHz	-58.19 dBm	-45.19 dB
806.000 MHz	1.000 GHz	100.000 kHz	848.61019 MHz	-57.70 dBm	-44.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.07234 GHz	-42.55 dBm	-29.55 dB

Date: 15.FEB.2016 11:11:03

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	753.65892 MHz	-58.12 dBm	-45.12 dB
806.000 MHz	1.000 GHz	100.000 kHz	938.09645 MHz	-57.44 dBm	-44.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-47.04 dBm	-34.04 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.07134 GHz	-42.52 dBm	-29.52 dB

Date: 15.FEB.2016 11:10:09

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0055	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0047	

Note:

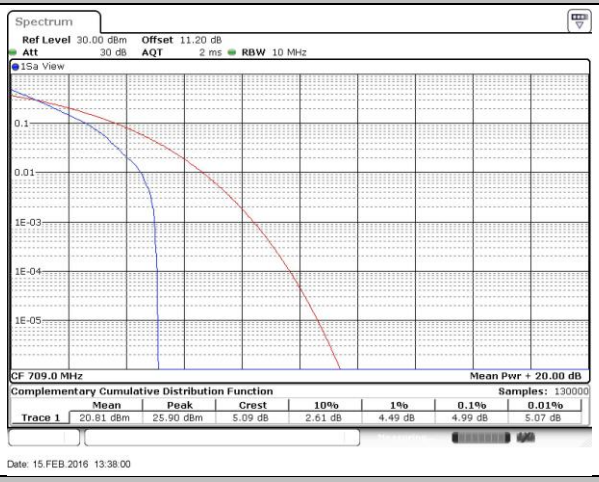
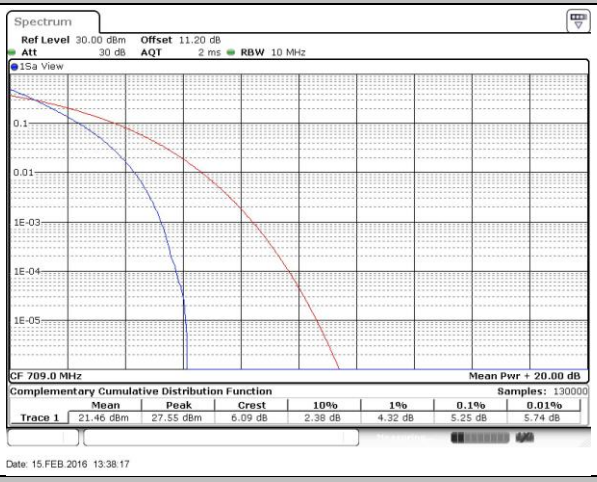
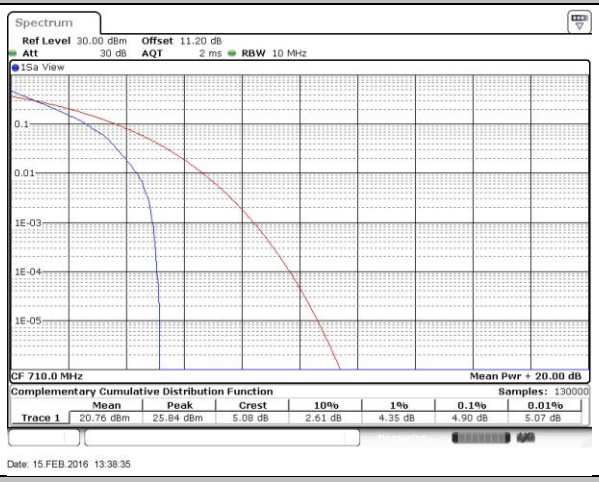
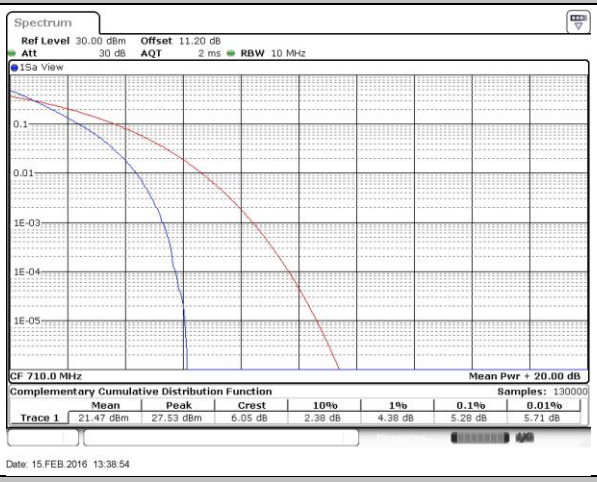
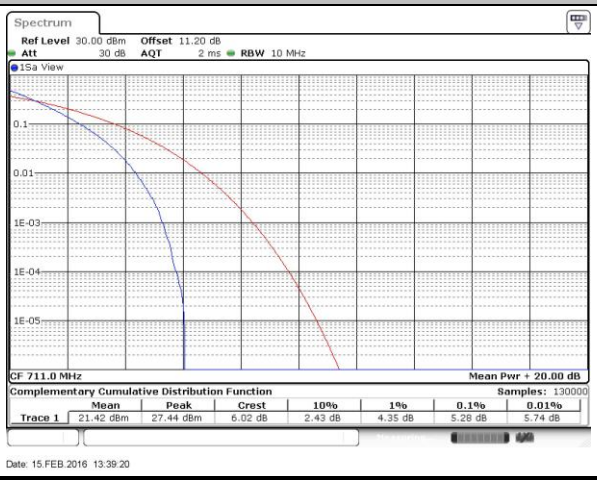
1. Normal Voltage = 3.7V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.1 V

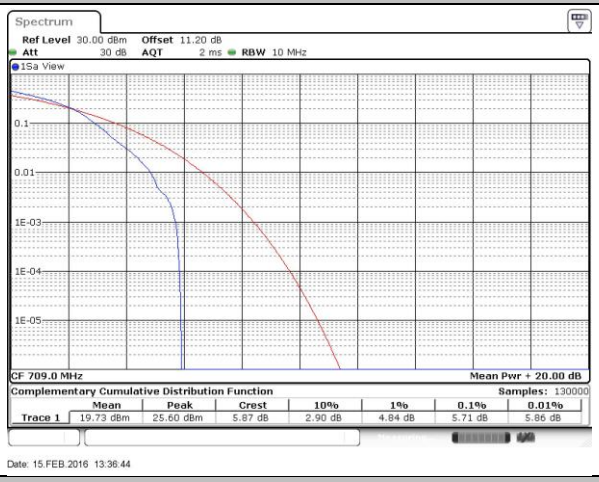
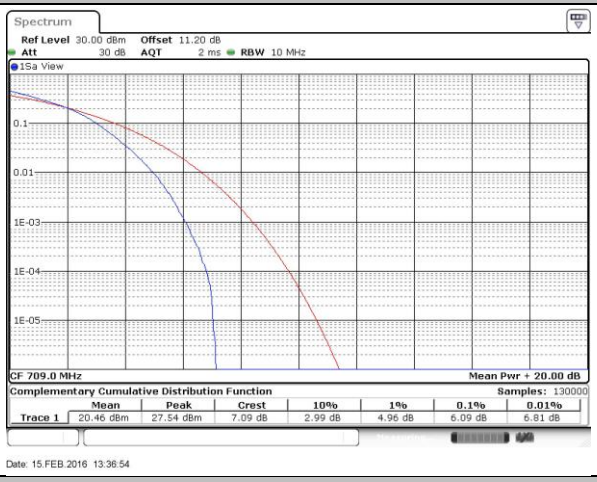
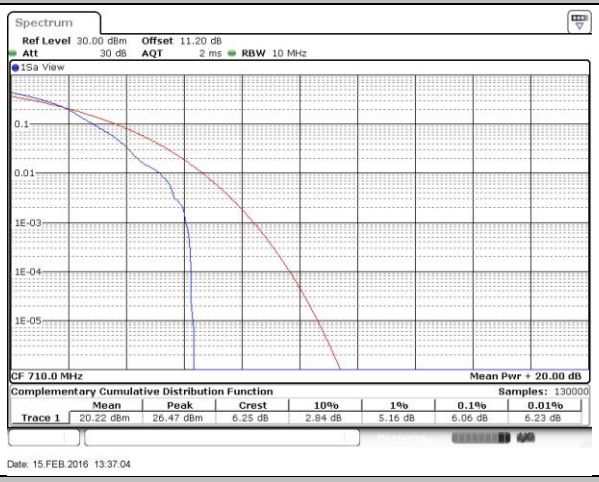
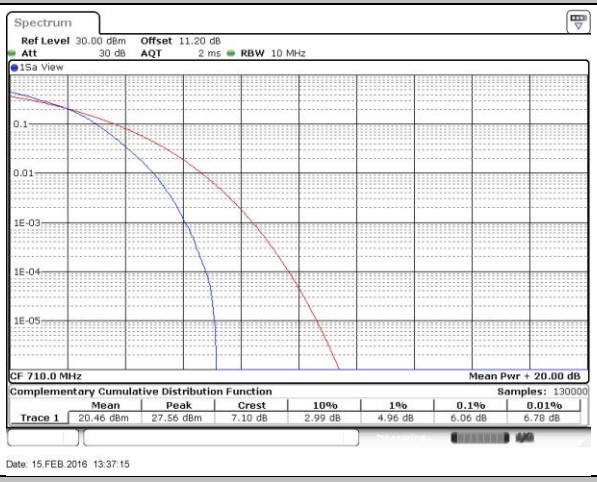
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 17

Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.99	5.25	5.71	6.09	PASS
Middle CH	4.9	5.28	6.06	6.06	
Highest CH	4.67	5.28	5.88	6.03	

LTE Band 17 / 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 17 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel/ 1RB	**Middle Channel / Full RB**
	
Highest Channel/ 1RB	**Highest Channel / Full RB**