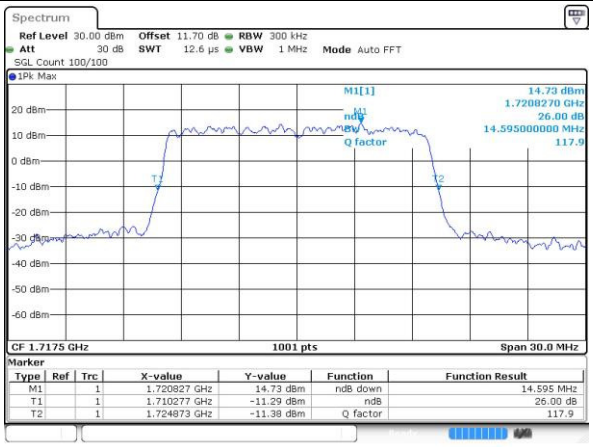
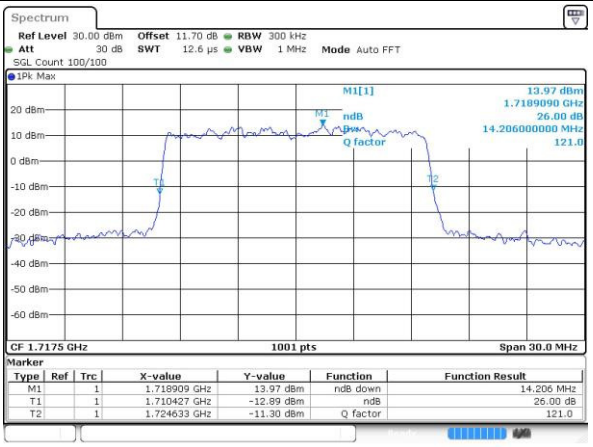
LTE Band 4

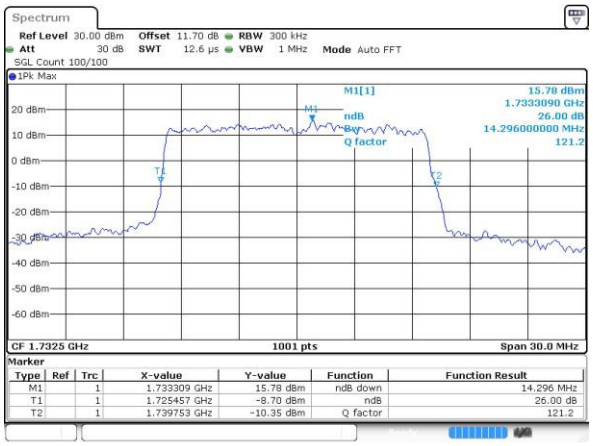
Lowest Channel / 15MHz / QPSK



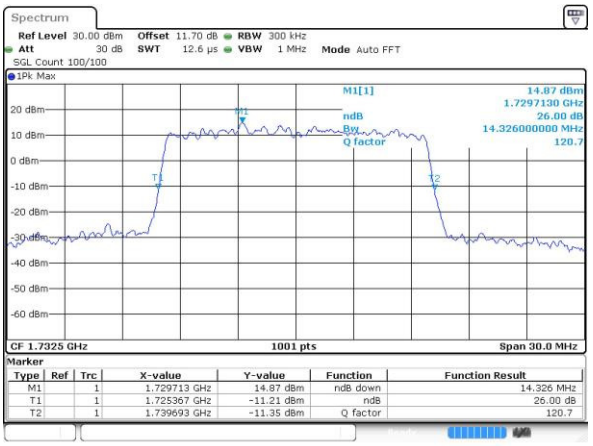
Lowest Channel / 15MHz / 16QAM



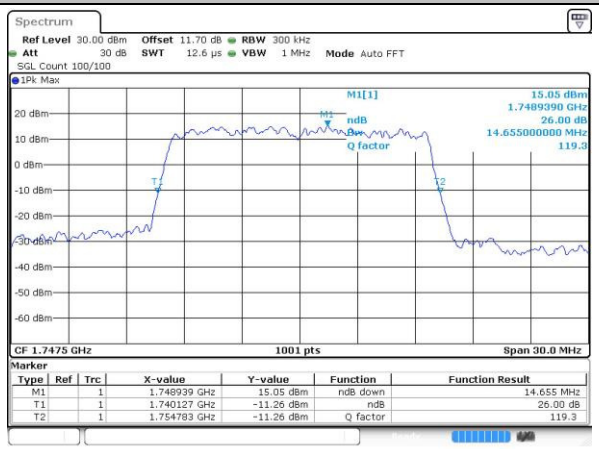
Middle Channel / 15MHz / QPSK



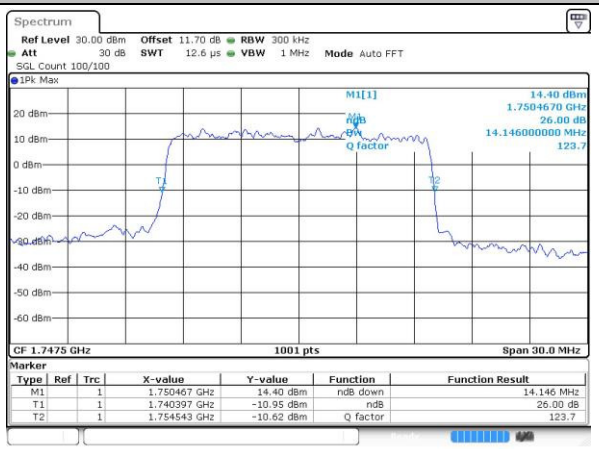
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

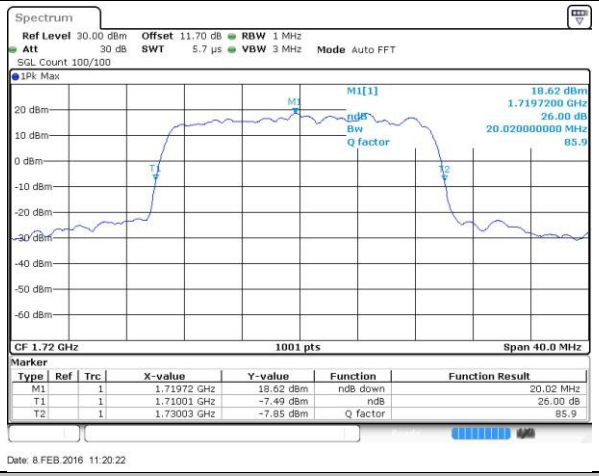


Highest Channel / 15MHz / 16QAM

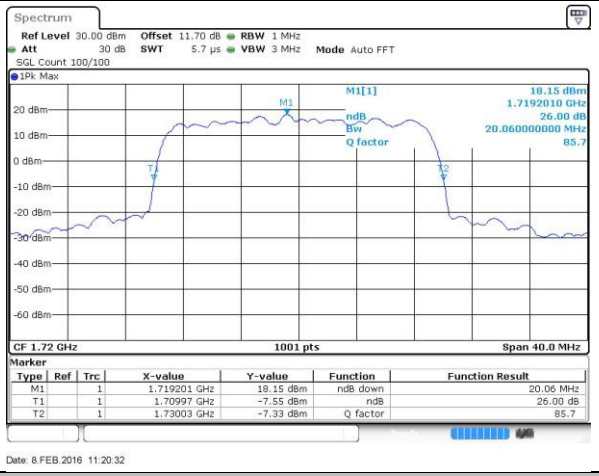


LTE Band 4

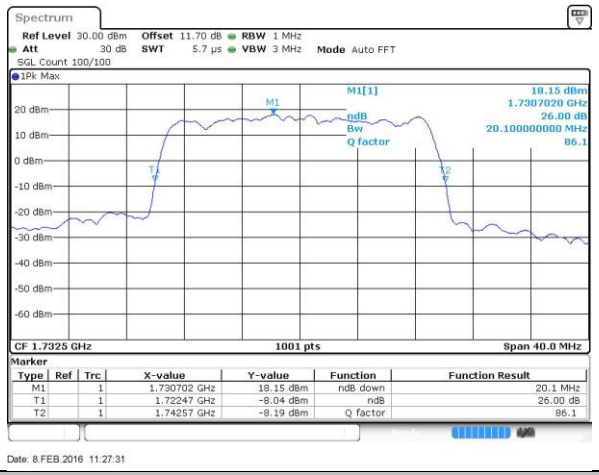
Lowest Channel / 20MHz / QPSK



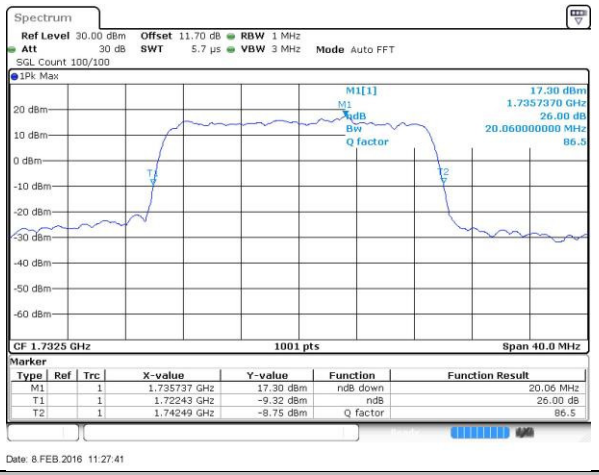
Lowest Channel / 20MHz / 16QAM



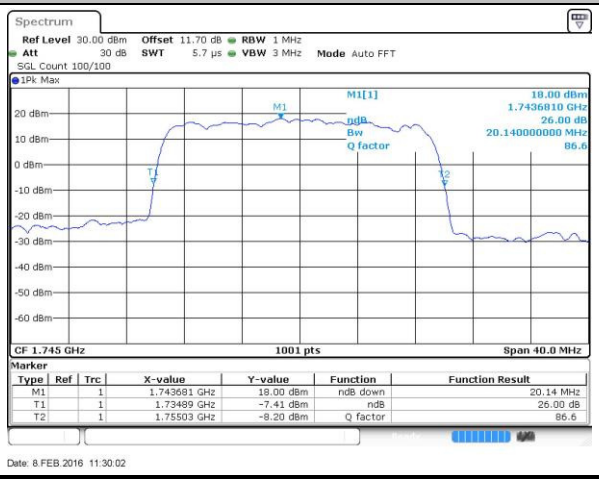
Middle Channel / 20MHz / QPSK



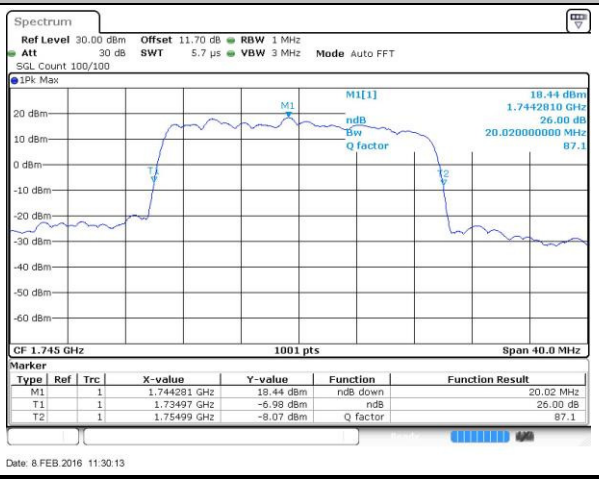
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

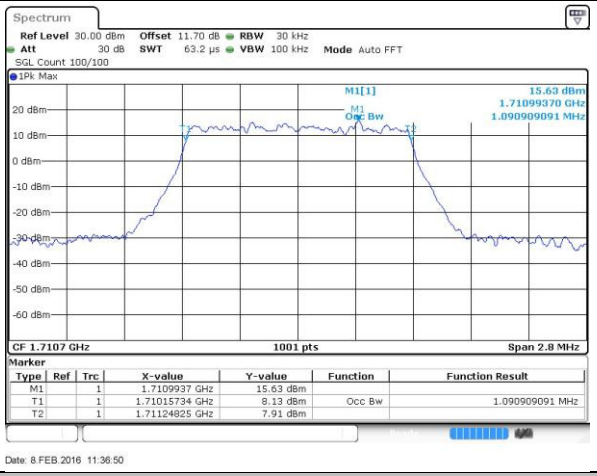


Occupied Bandwidth

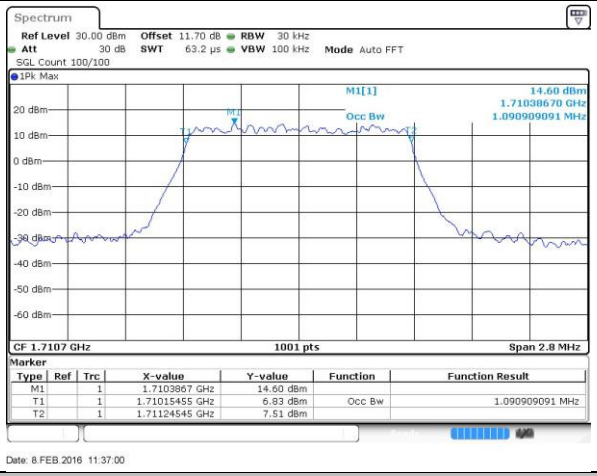
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.7	2.74	4.47	4.51	8.99	9.03	13.37	13.43	18.14	18.22
Middle CH	1.09	1.1	2.71	2.72	4.49	4.48	9.03	8.97	13.34	13.37	18.42	18.3
Highest CH	1.09	1.1	2.72	2.72	4.49	4.46	8.95	9.01	13.46	13.43	18.3	18.34

LTE Band 4

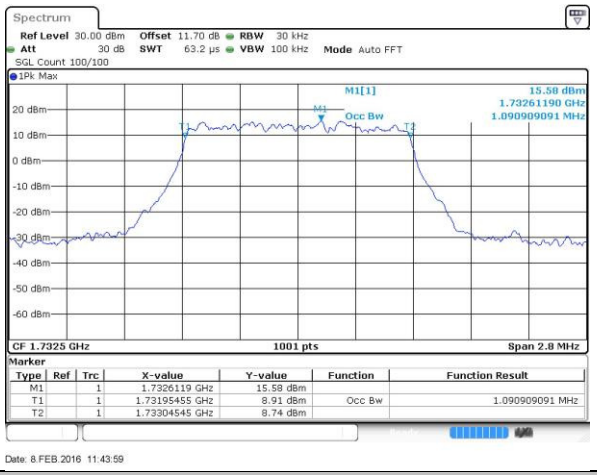
Lowest Channel / 1.4MHz / QPSK



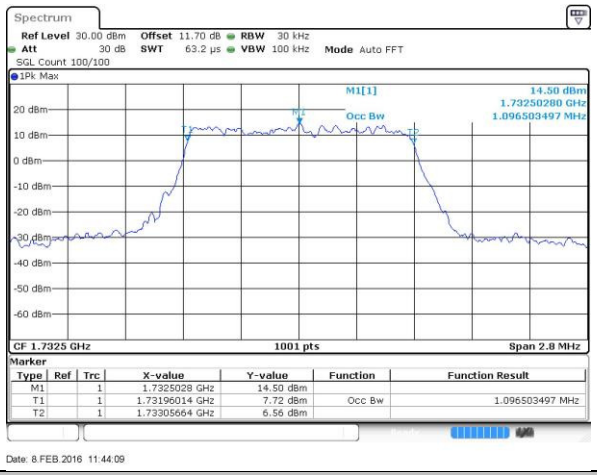
Lowest Channel / 1.4MHz / 16QAM



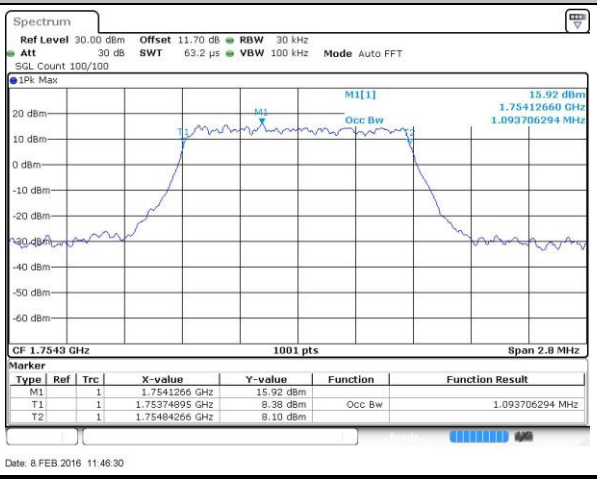
Middle Channel / 1.4MHz / QPSK



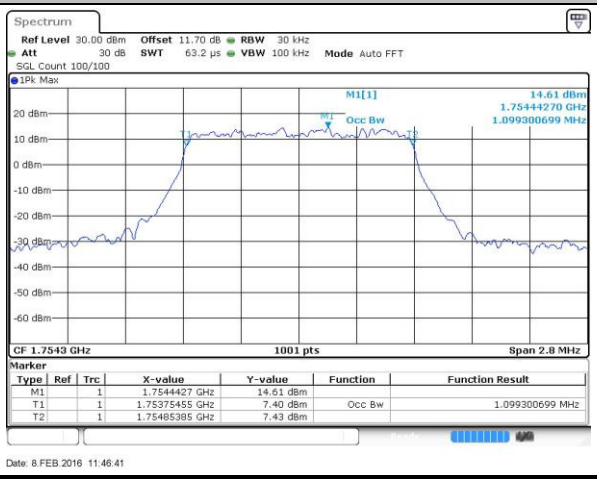
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

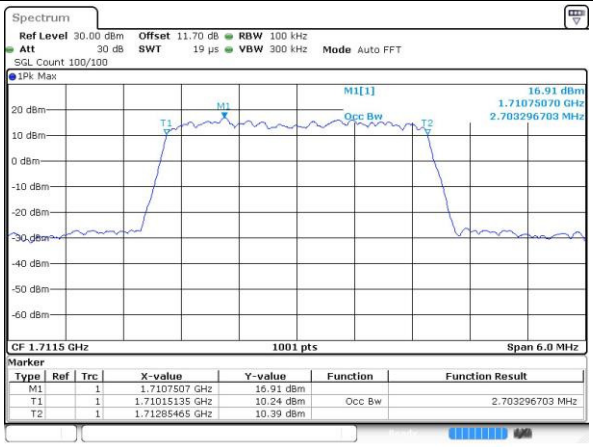


Highest Channel / 1.4MHz / 16QAM

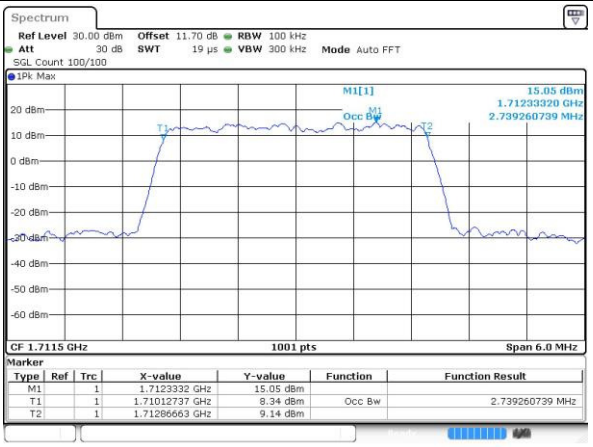


LTE Band 4

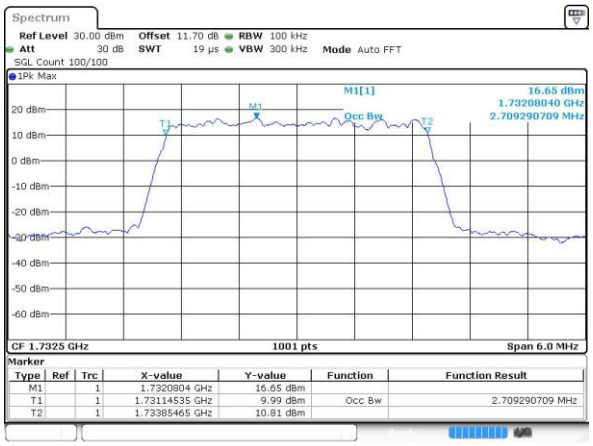
Lowest Channel / 3MHz / QPSK



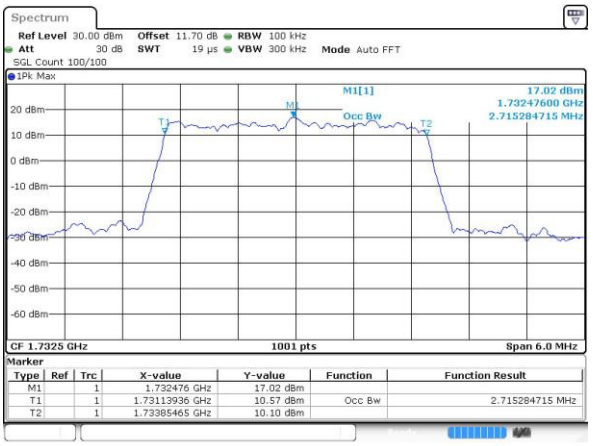
Lowest Channel / 3MHz / 16QAM



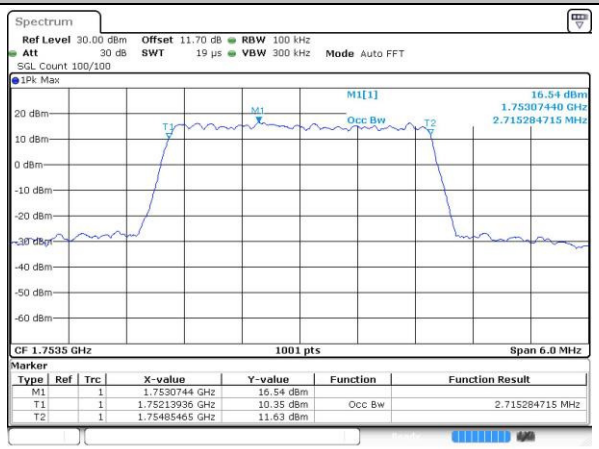
Middle Channel / 3MHz / QPSK



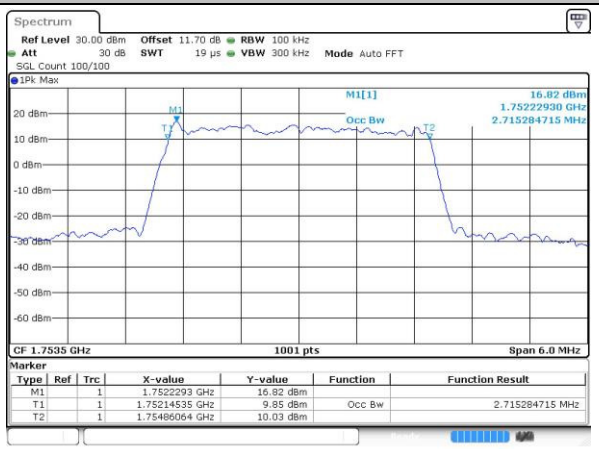
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

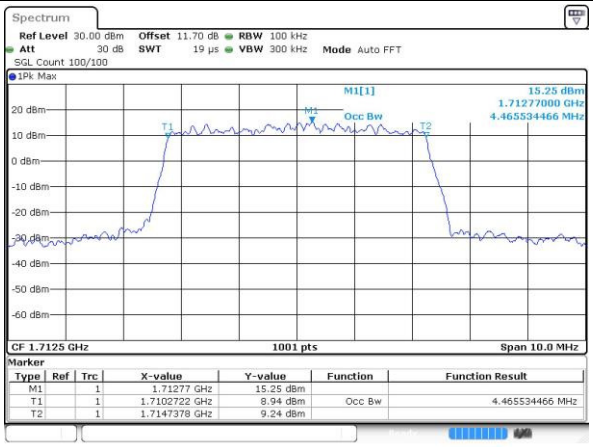


Highest Channel / 3MHz / 16QAM



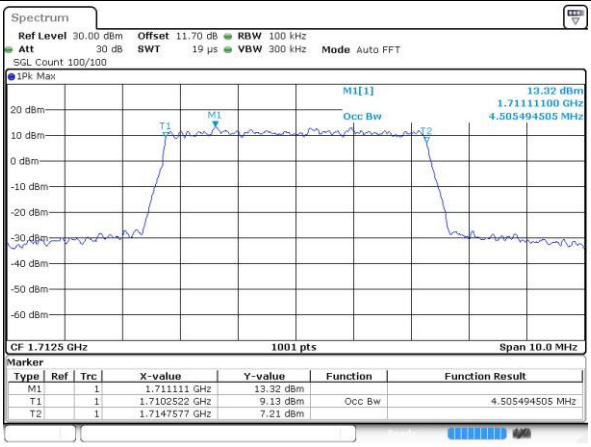
LTE Band 4

Lowest Channel / 5MHz / QPSK



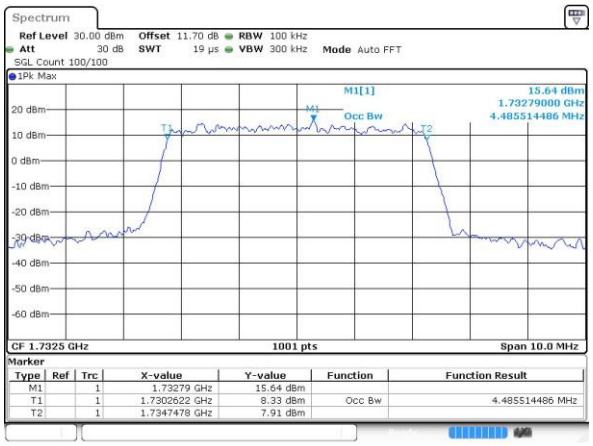
Date: 8.FEB.2016 10:27:16

Lowest Channel / 5MHz / 16QAM



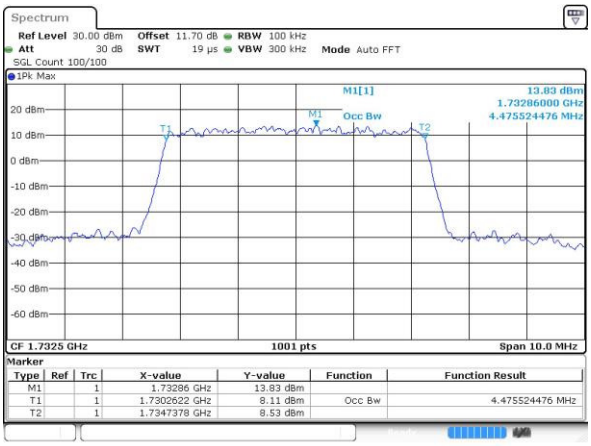
Date: 8.FEB.2016 10:27:27

Middle Channel / 5MHz / QPSK



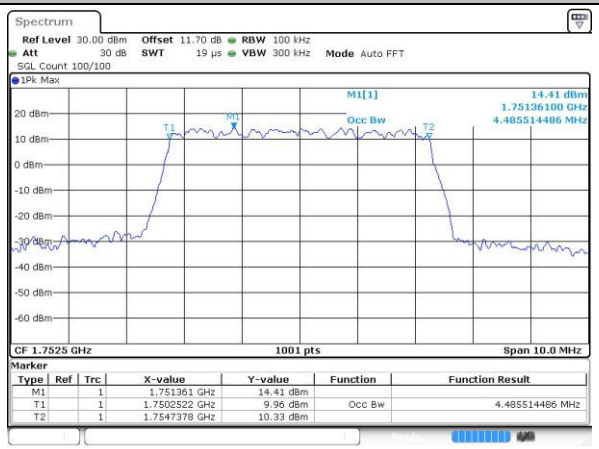
Date: 8.FEB.2016 10:34:26

Middle Channel / 5MHz / 16QAM



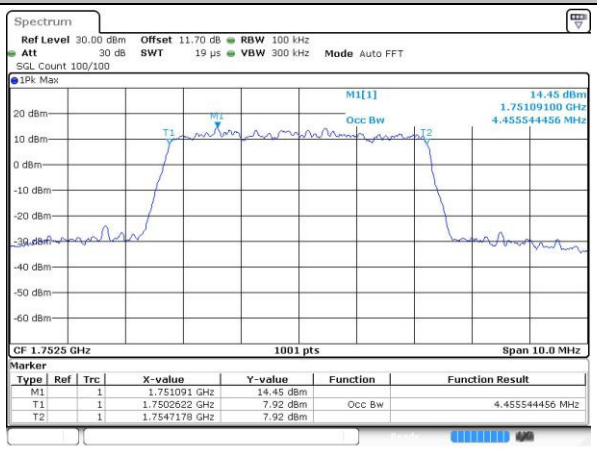
Date: 8.FEB.2016 10:34:36

Highest Channel / 5MHz / QPSK



Date: 8.FEB.2016 10:36:57

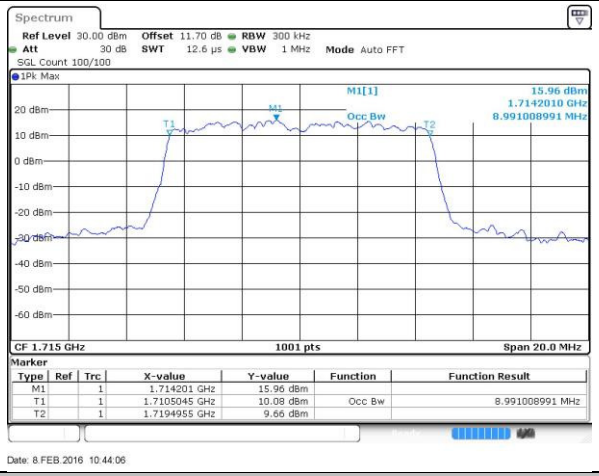
Highest Channel / 5MHz / 16QAM



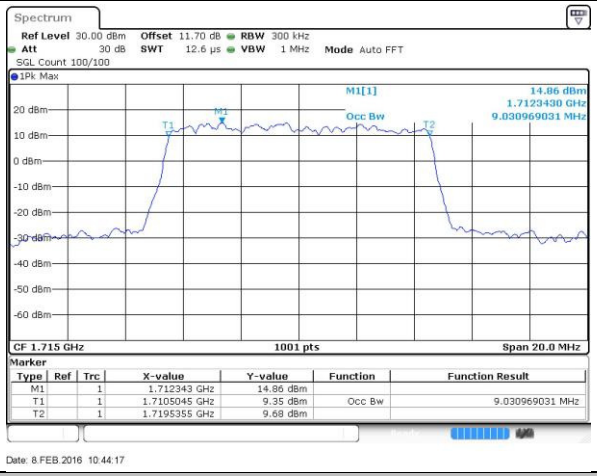
Date: 8.FEB.2016 10:37:08

LTE Band 4

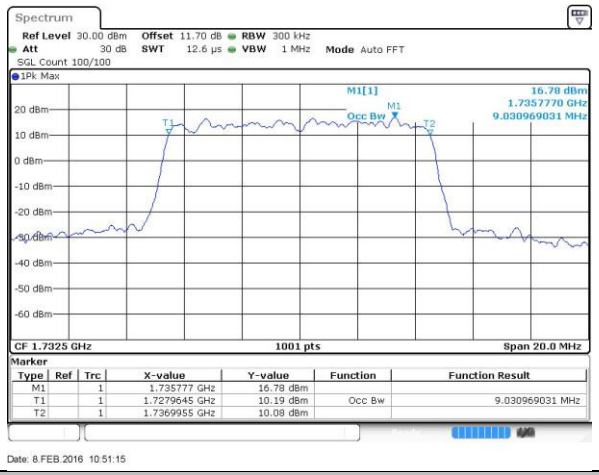
Lowest Channel / 10MHz / QPSK



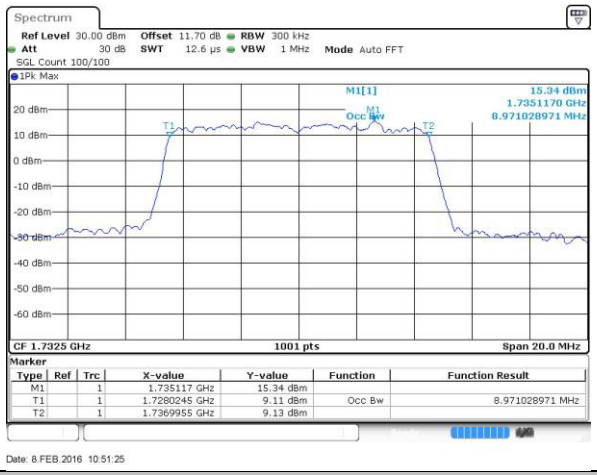
Lowest Channel / 10MHz / 16QAM



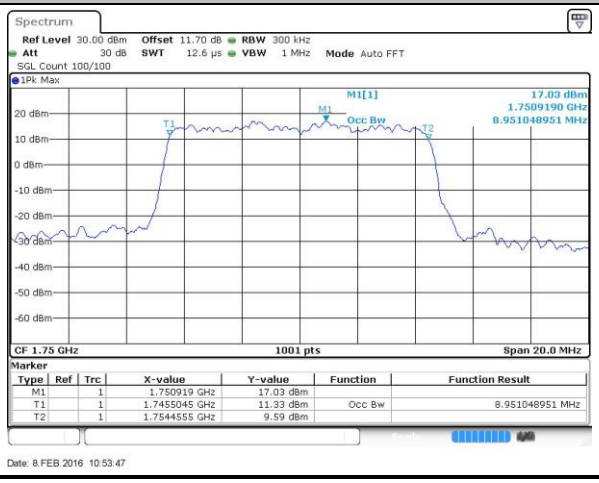
Middle Channel / 10MHz / QPSK



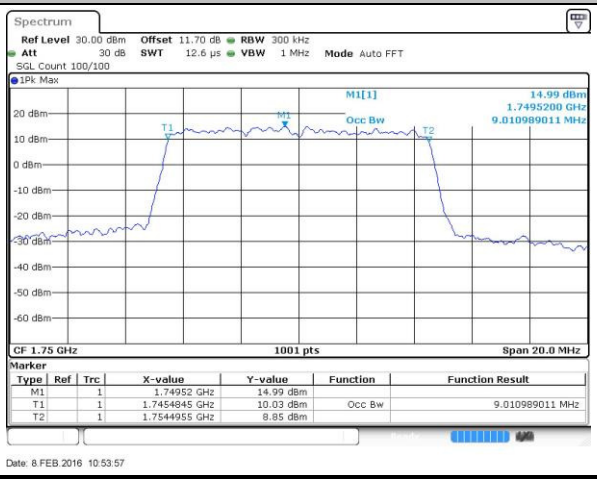
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

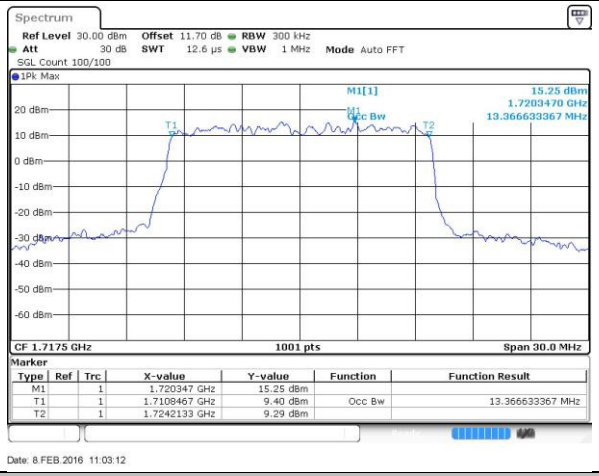


Highest Channel / 10MHz / 16QAM

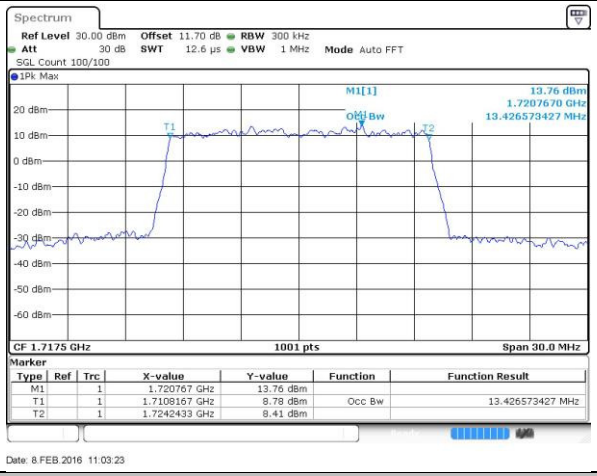


LTE Band 4

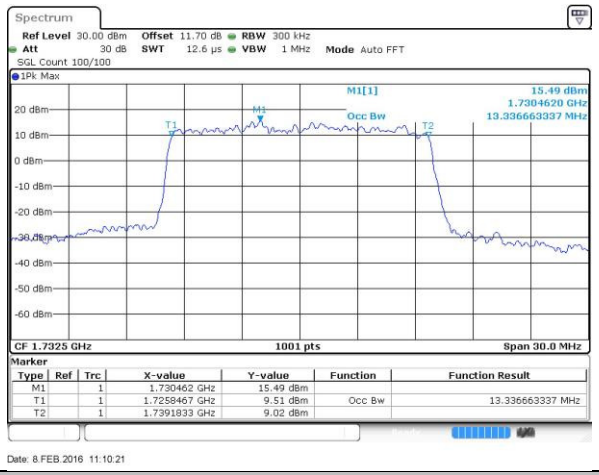
Lowest Channel / 15MHz / QPSK



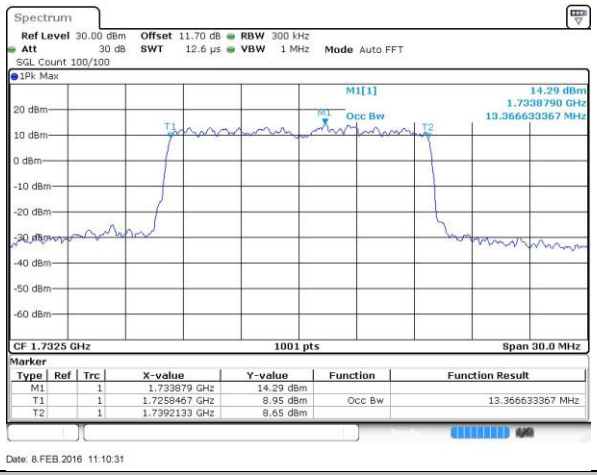
Lowest Channel / 15MHz / 16QAM



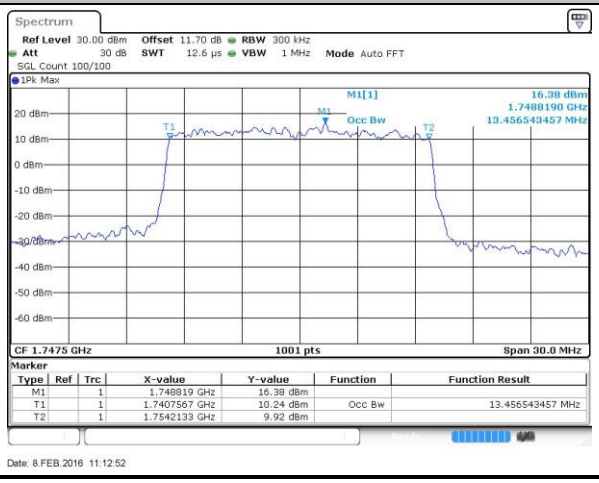
Middle Channel / 15MHz / QPSK



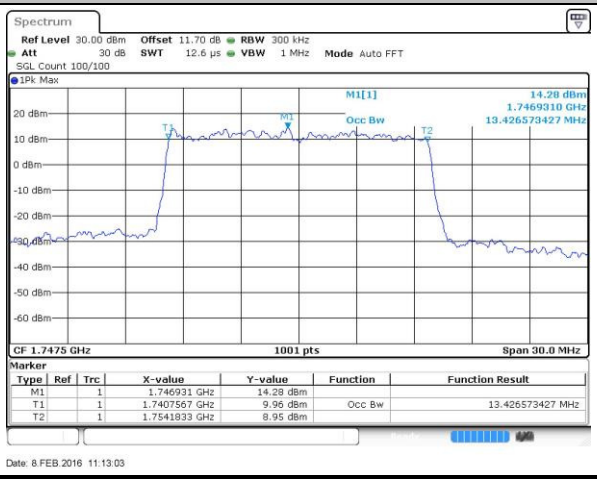
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

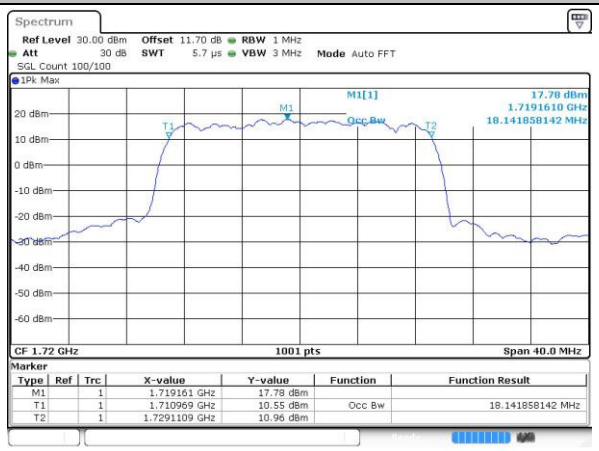


Highest Channel / 15MHz / 16QAM

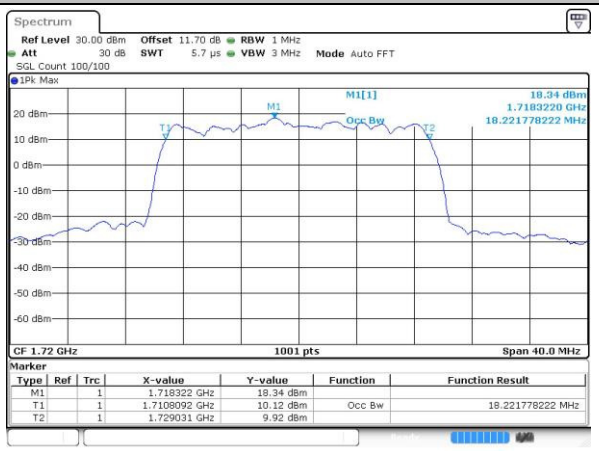


LTE Band 4

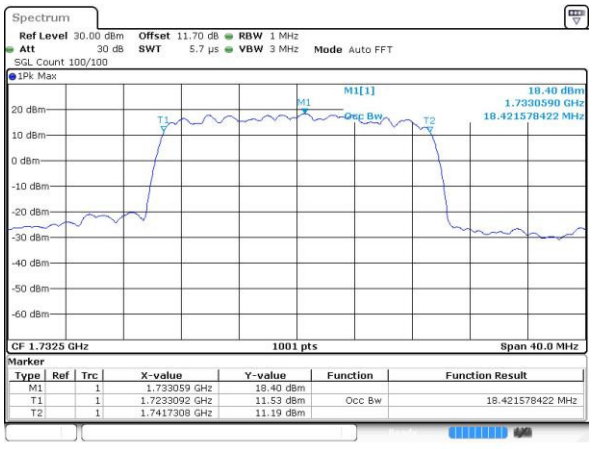
Lowest Channel / 20MHz / QPSK



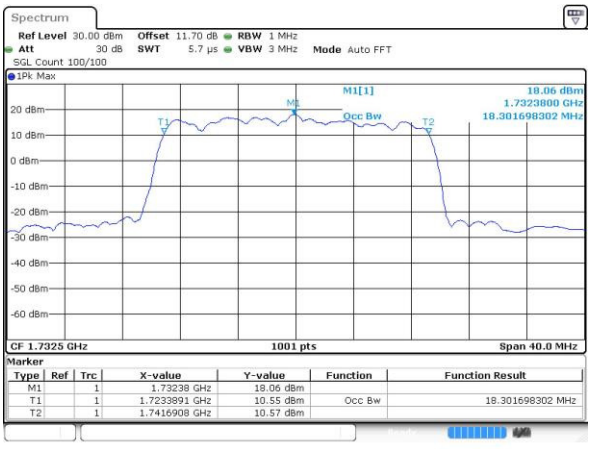
Lowest Channel / 20MHz / 16QAM



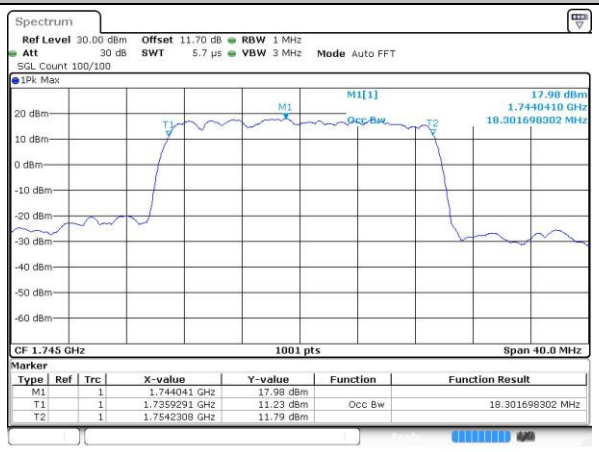
Middle Channel / 20MHz / QPSK



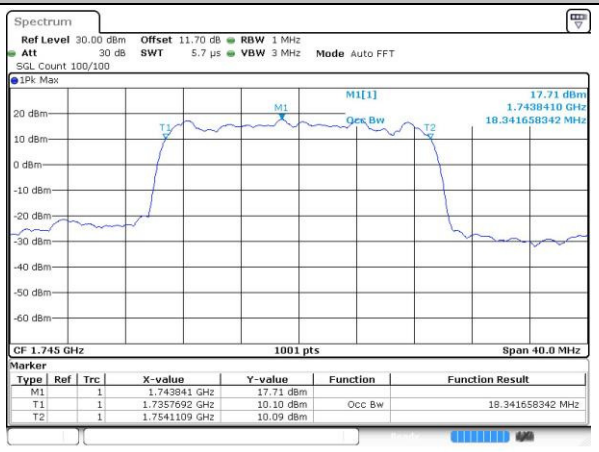
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



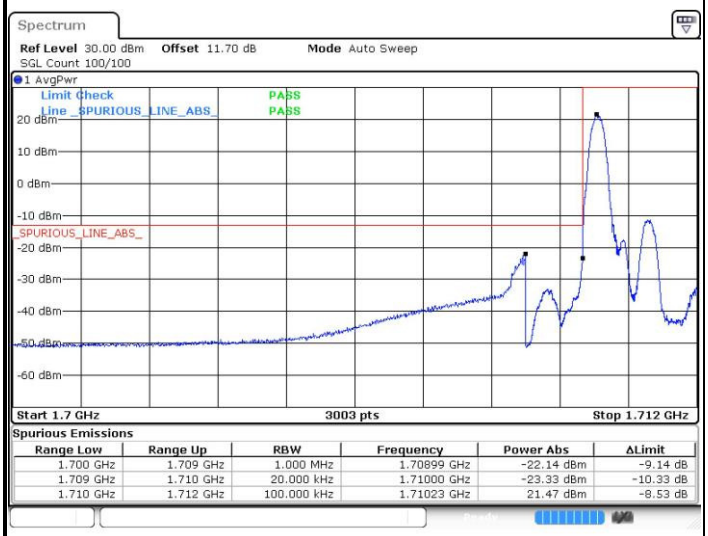
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

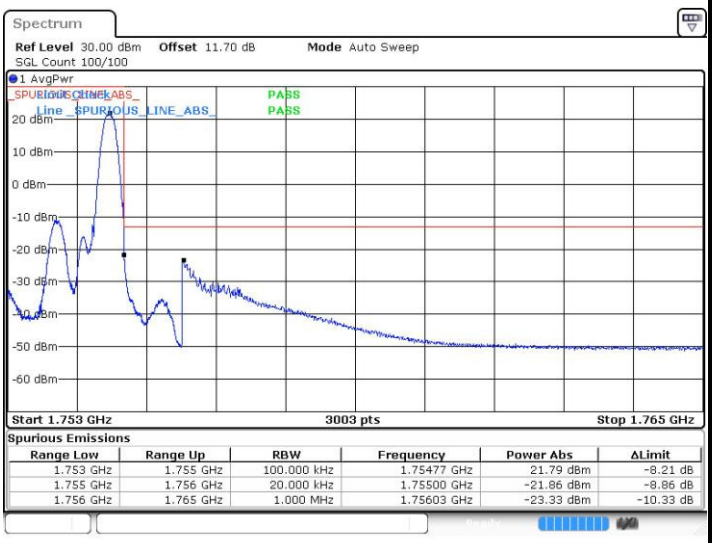


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-22.14 dBm	-9.14 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-23.33 dBm	-10.33 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71023 GHz	21.47 dBm	-8.53 dB

Date: 8.FEB.2016 11:38:30

Highest Band Edge / 1RB

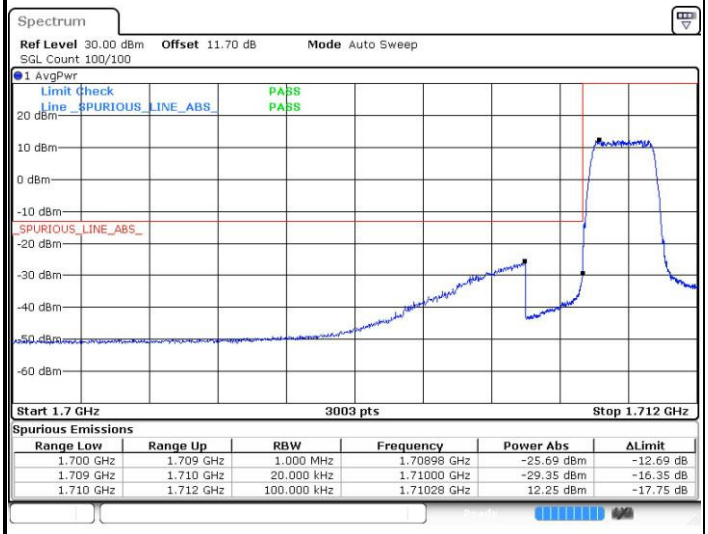


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75477 GHz	21.79 dBm	-8.21 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-21.86 dBm	-8.86 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-23.33 dBm	-10.33 dB

Date: 8.FEB.2016 11:48:11

Lowest Band Edge / Full RB

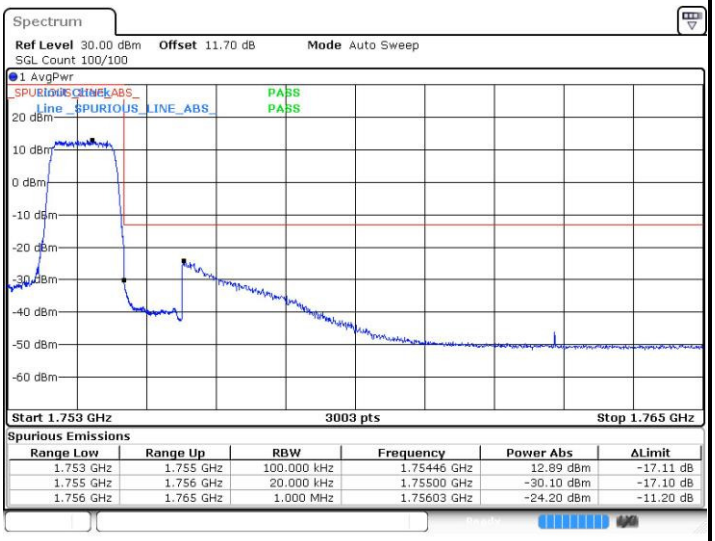


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-25.69 dBm	-12.69 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-29.35 dBm	-16.35 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71028 GHz	12.25 dBm	-17.75 dB

Date: 8.FEB.2016 11:40:49

Highest Band Edge / Full RB



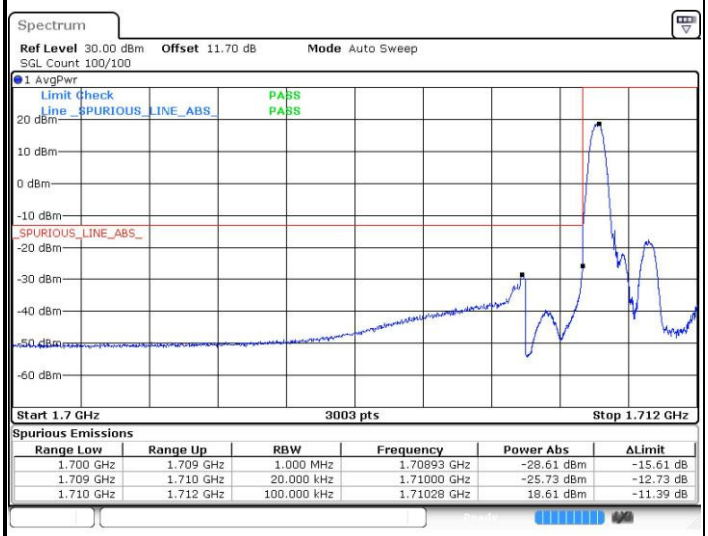
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75446 GHz	12.89 dBm	-17.11 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-30.10 dBm	-17.10 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-24.20 dBm	-11.20 dB

Date: 8.FEB.2016 11:50:30

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

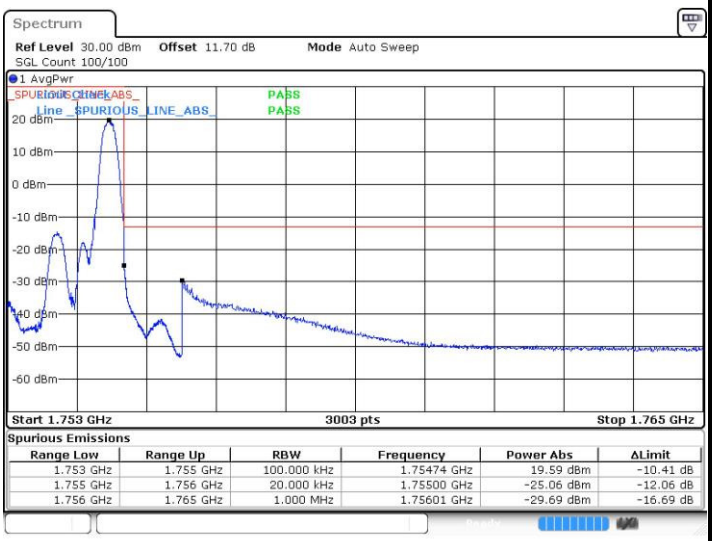


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-28.61 dBm	-15.61 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-25.73 dBm	-12.73 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71028 GHz	18.61 dBm	-11.39 dB

Date: 8.FEB.2016 11:39:39

Highest Band Edge / 1 RB

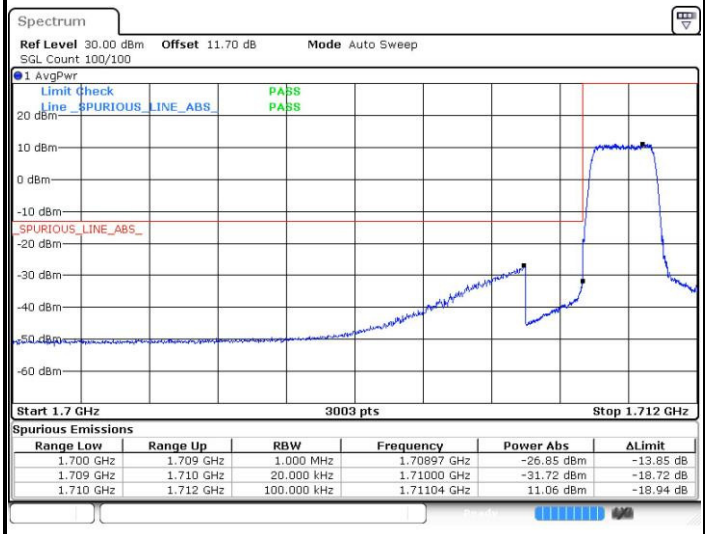


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75474 GHz	19.59 dBm	-10.41 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-25.06 dBm	-12.06 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-29.69 dBm	-16.69 dB

Date: 8.FEB.2016 11:49:20

Lowest Band Edge / Full RB

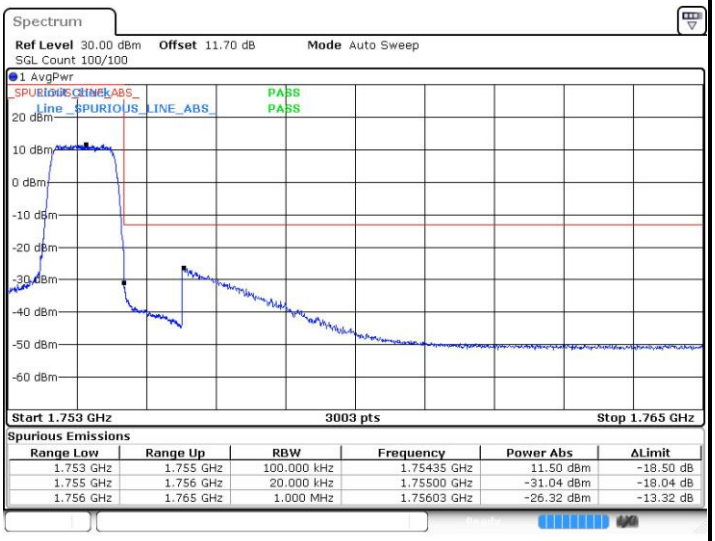


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-26.85 dBm	-13.85 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-31.72 dBm	-18.72 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71104 GHz	11.06 dBm	-18.94 dB

Date: 8.FEB.2016 11:41:58

Highest Band Edge / Full RB



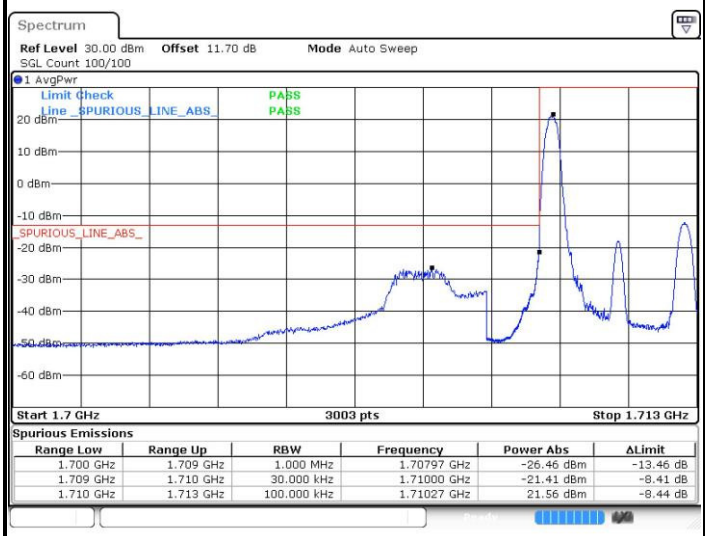
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75435 GHz	11.50 dBm	-18.50 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-31.04 dBm	-18.04 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-26.32 dBm	-13.32 dB

Date: 8.FEB.2016 11:51:39

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

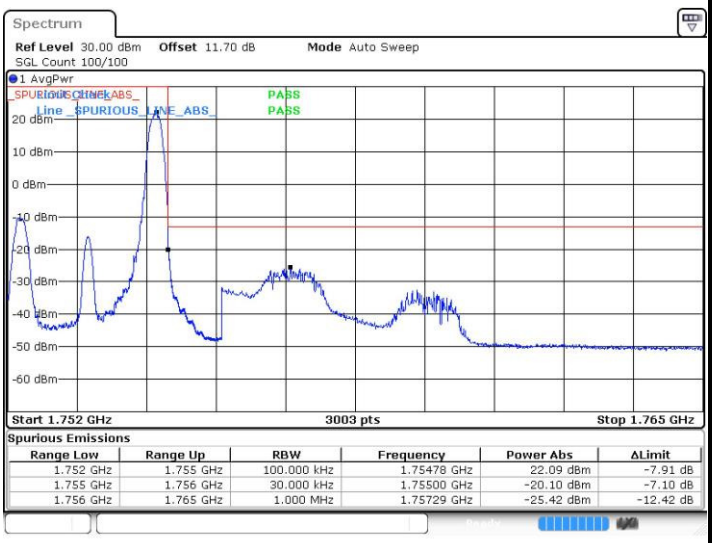


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70797 GHz	-26.46 dBm	-13.46 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-21.41 dBm	-8.41 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71027 GHz	21.56 dBm	-8.44 dB

Date: 8.FEB.2016 10:12:07

Highest Band Edge / 1 RB

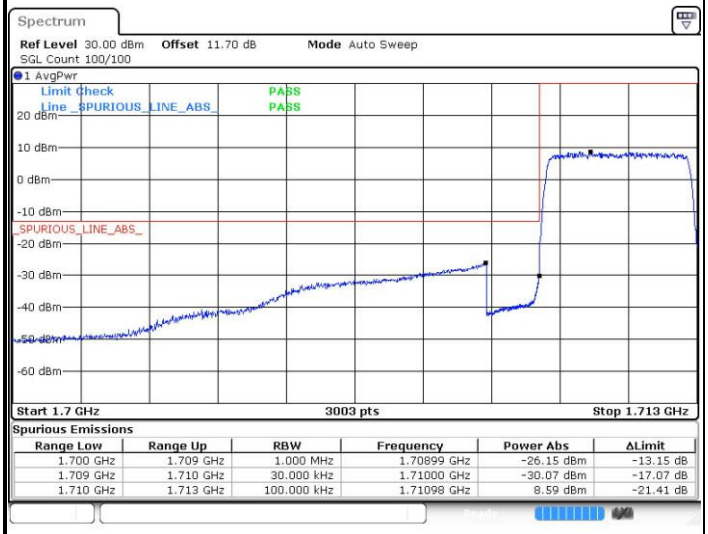


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75478 GHz	22.09 dBm	-7.91 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-20.10 dBm	-7.10 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75729 GHz	-25.42 dBm	-12.42 dB

Date: 8.FEB.2016 10:21:48

Lowest Band Edge / Full RB

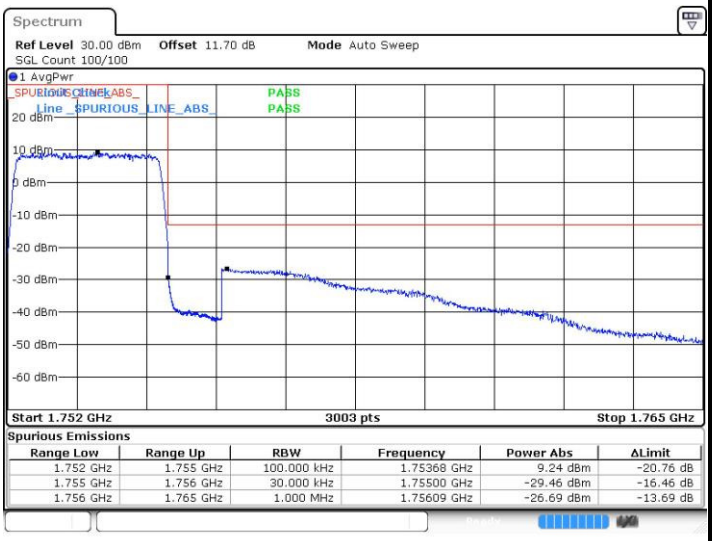


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-26.15 dBm	-13.15 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-30.07 dBm	-17.07 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71098 GHz	8.59 dBm	-21.41 dB

Date: 8.FEB.2016 10:14:26

Highest Band Edge / Full RB



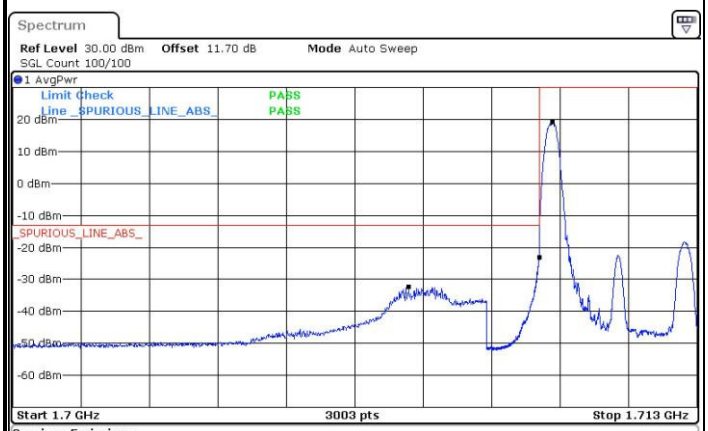
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75368 GHz	9.24 dBm	-20.76 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-29.46 dBm	-16.46 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-26.69 dBm	-13.69 dB

Date: 8.FEB.2016 10:24:06

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

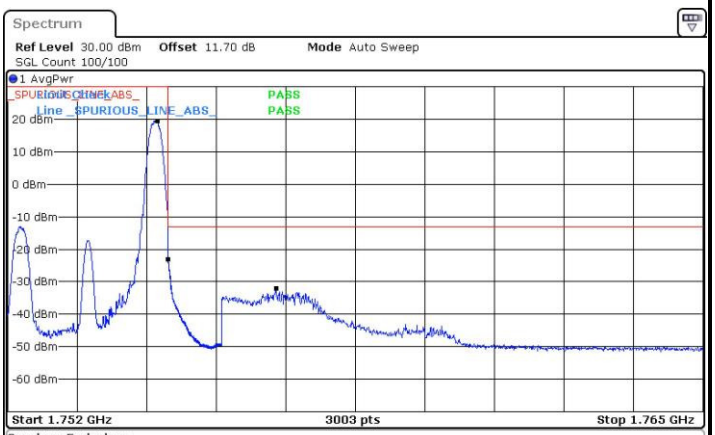


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70751 GHz	-32.42 dBm	-19.42 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-23.24 dBm	-10.24 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71024 GHz	19.12 dBm	-10.88 dB

Date: 8.FEB.2016 10:13:16

Highest Band Edge /1 RB

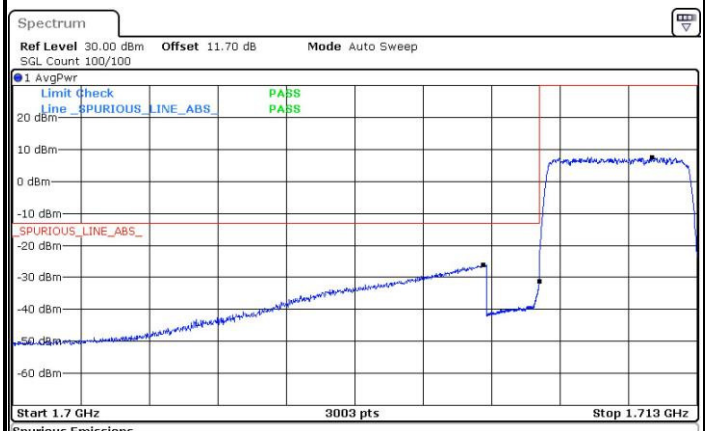


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75480 GHz	19.49 dBm	-10.51 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-23.18 dBm	-10.18 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75701 GHz	-32.13 dBm	-19.13 dB

Date: 8.FEB.2016 10:22:57

Lowest Band Edge / Full RB

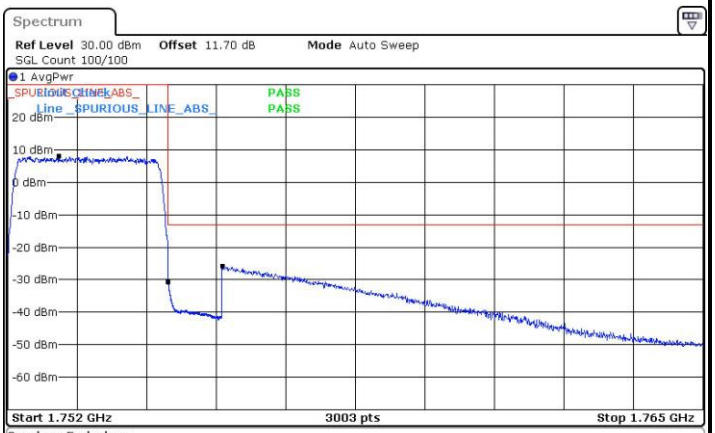


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-26.07 dBm	-13.07 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-31.32 dBm	-18.32 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71214 GHz	7.49 dBm	-22.51 dB

Date: 8.FEB.2016 10:15:35

Highest Band Edge / Full RB



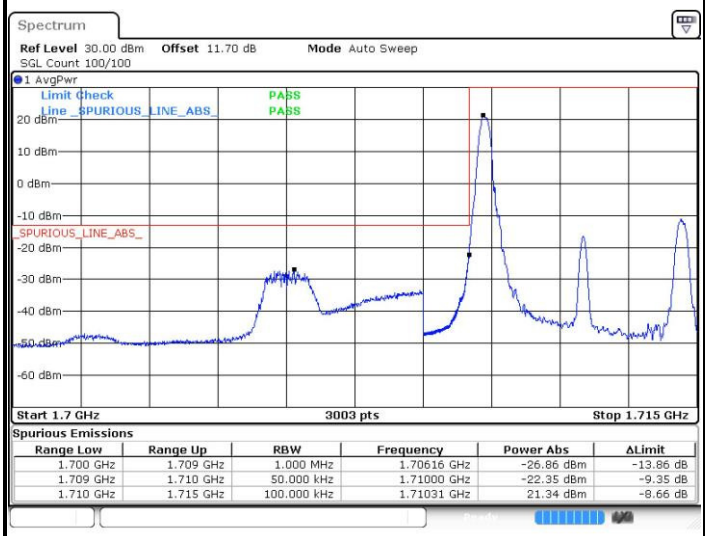
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75296 GHz	7.96 dBm	-22.04 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-30.63 dBm	-17.63 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-25.90 dBm	-12.90 dB

Date: 8.FEB.2016 10:25:16

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

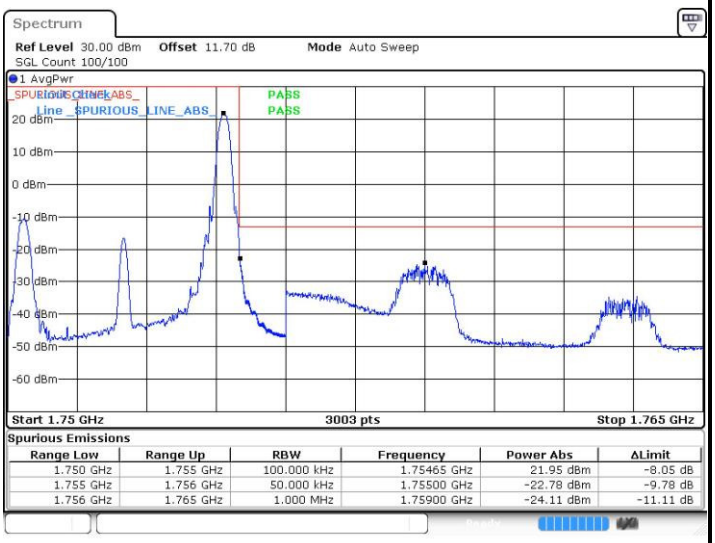


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70616 GHz	-26.86 dBm	-13.86 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-22.35 dBm	-9.35 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71031 GHz	21.34 dBm	-8.66 dB

Date: 8.FEB.2016 10:28:57

Highest Band Edge / 1 RB

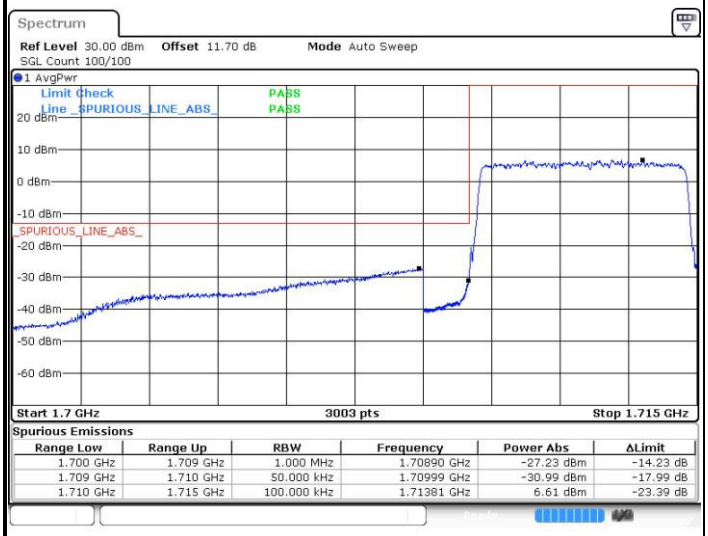


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75465 GHz	21.95 dBm	-8.05 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-22.78 dBm	-9.78 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75900 GHz	-24.11 dBm	-11.11 dB

Date: 8.FEB.2016 10:38:38

Lowest Band Edge / Full RB

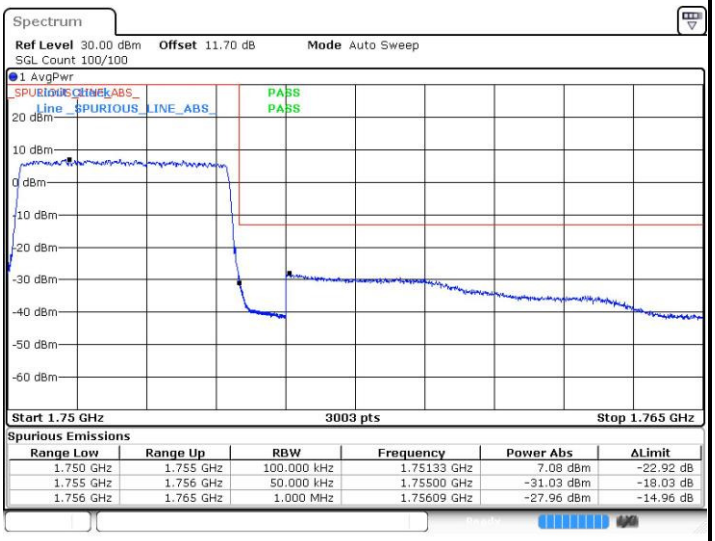


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-27.23 dBm	-14.23 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-30.99 dBm	-17.99 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71381 GHz	6.61 dBm	-23.39 dB

Date: 8.FEB.2016 10:31:16

Highest Band Edge / Full RB



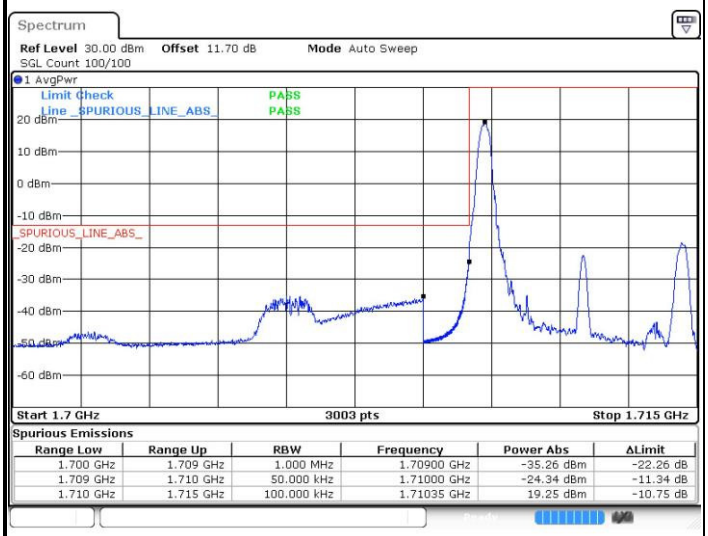
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75133 GHz	7.08 dBm	-22.92 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-31.03 dBm	-18.03 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-27.96 dBm	-14.96 dB

Date: 8.FEB.2016 10:40:56

LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB

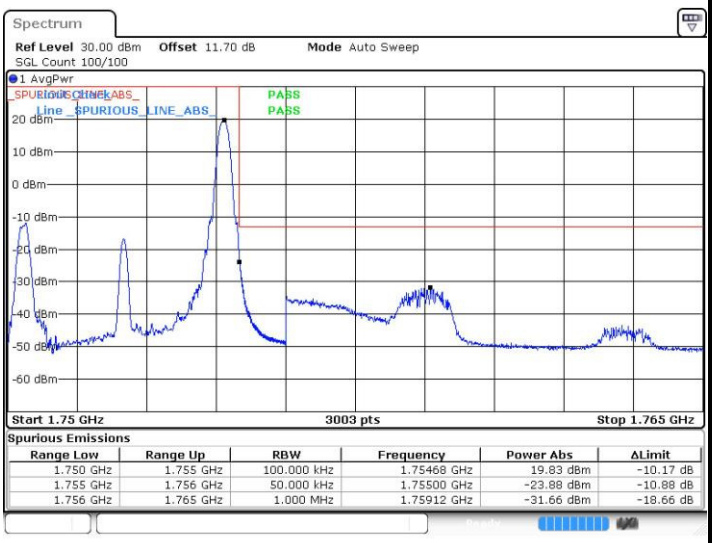


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-35.26 dBm	-22.26 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-24.34 dBm	-11.34 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71035 GHz	19.25 dBm	-10.75 dB

Date: 8.FEB.2016 10:30:06

Highest Band Edge / 1 RB

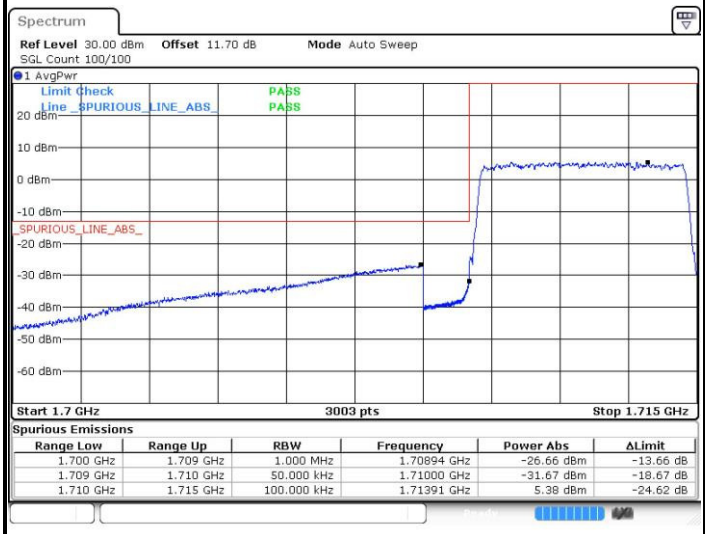


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75468 GHz	19.83 dBm	-10.17 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-23.88 dBm	-10.88 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75912 GHz	-31.66 dBm	-18.66 dB

Date: 8.FEB.2016 10:39:47

Lowest Band Edge / Full RB

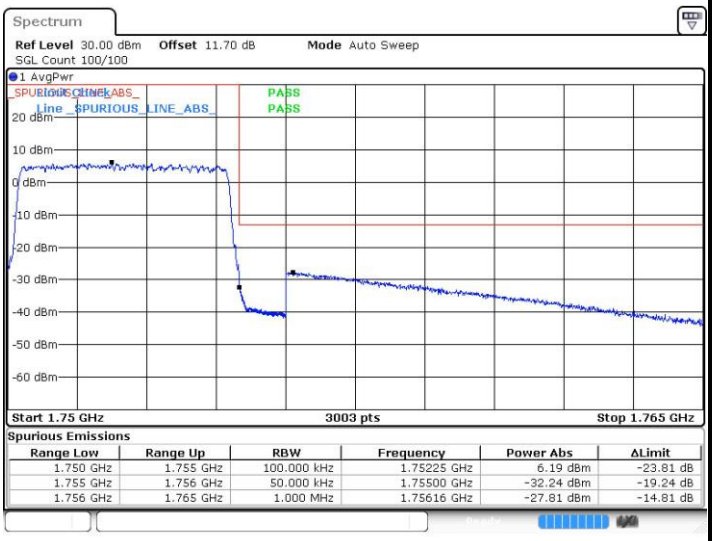


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-26.66 dBm	-13.66 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-31.67 dBm	-18.67 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71391 GHz	5.38 dBm	-24.62 dB

Date: 8.FEB.2016 10:32:25

Highest Band Edge / Full RB



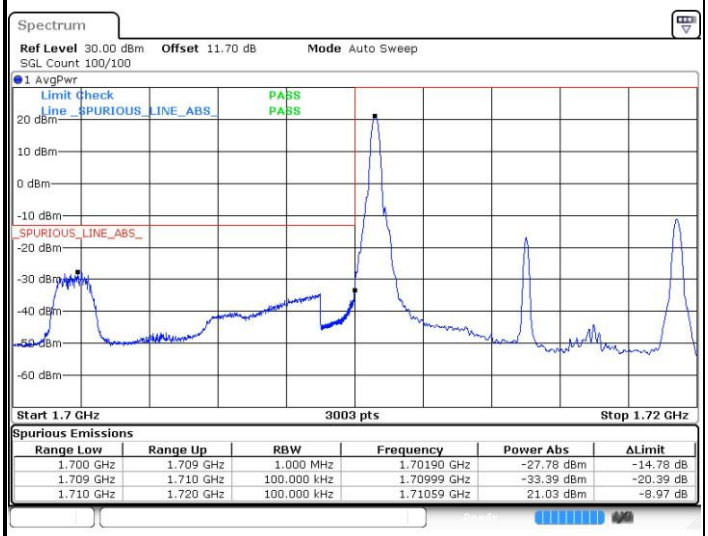
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75225 GHz	6.19 dBm	-23.81 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-32.24 dBm	-19.24 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75616 GHz	-27.81 dBm	-14.81 dB

Date: 8.FEB.2016 10:42:06

LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB

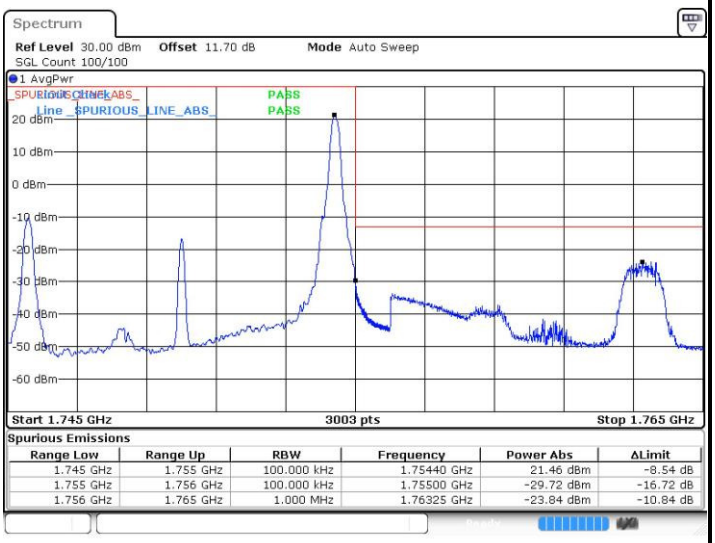


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70190 GHz	-27.78 dBm	-14.78 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-33.39 dBm	-20.39 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71059 GHz	21.03 dBm	-8.97 dB

Date: 8.FEB.2016 10:45:47

Highest Band Edge / 1 RB

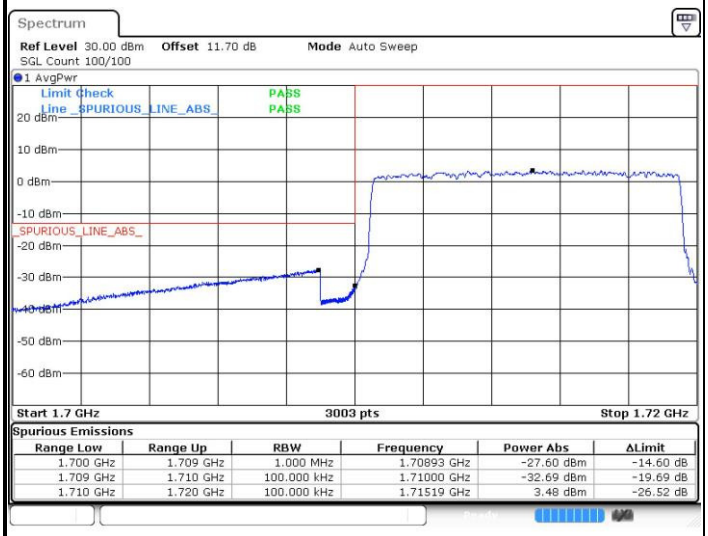


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75440 GHz	21.46 dBm	-8.54 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-29.72 dBm	-16.72 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76325 GHz	-23.84 dBm	-10.84 dB

Date: 8.FEB.2016 10:55:27

Lowest Band Edge / Full RB

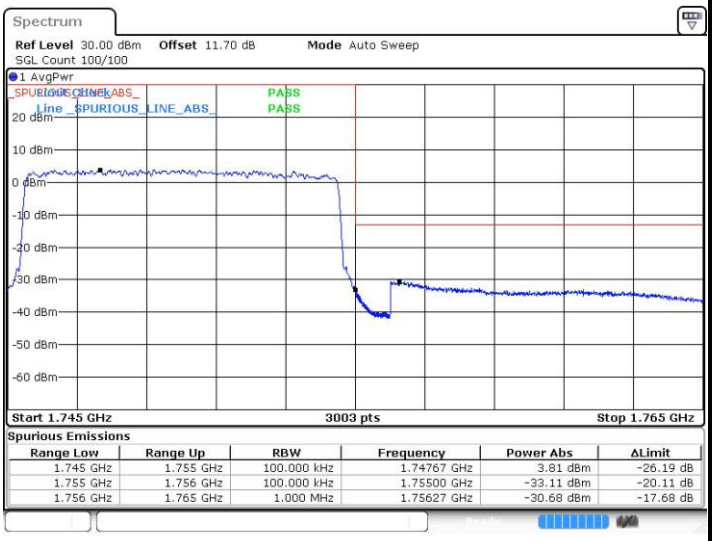


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-27.60 dBm	-14.60 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-32.69 dBm	-19.69 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71519 GHz	3.48 dBm	-26.52 dB

Date: 8.FEB.2016 10:48:05

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74767 GHz	3.81 dBm	-26.19 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-33.11 dBm	-20.11 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75627 GHz	-30.68 dBm	-17.68 dB

Date: 8.FEB.2016 10:57:46