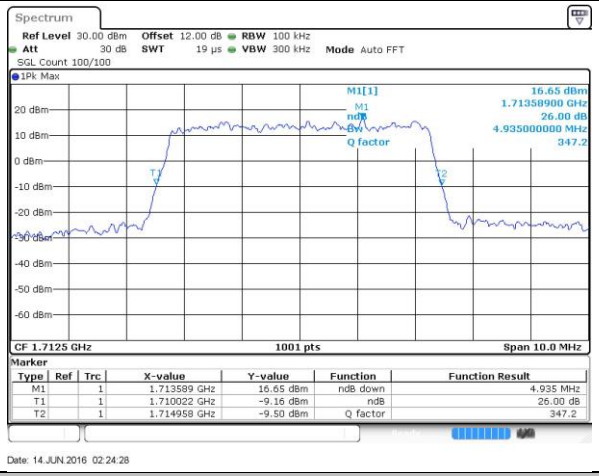
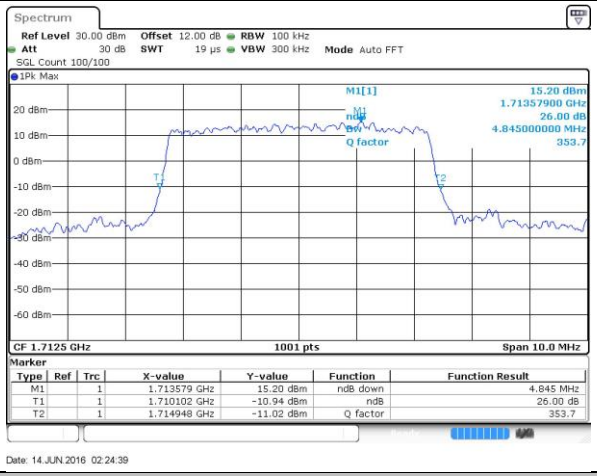
LTE Band 4

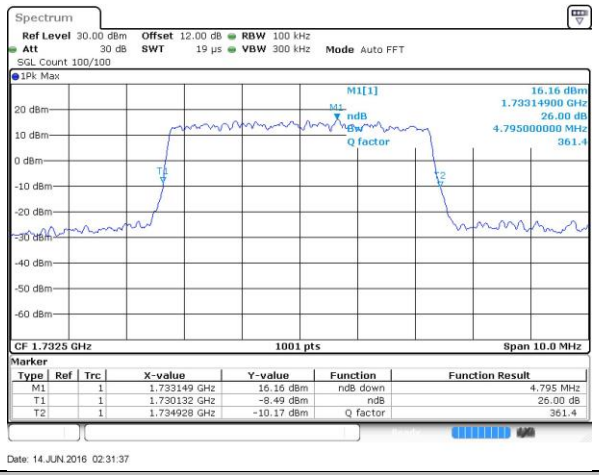
Lowest Channel / 5MHz / QPSK



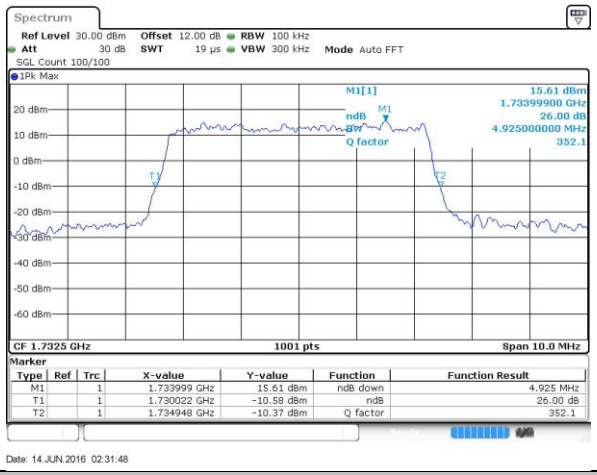
Lowest Channel / 5MHz / 16QAM



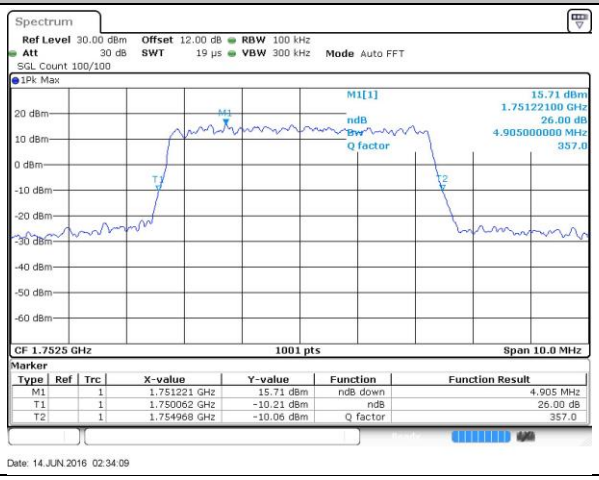
Middle Channel / 5MHz / QPSK



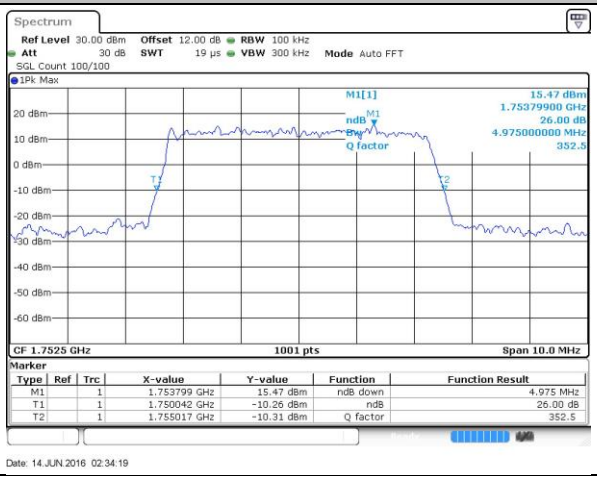
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



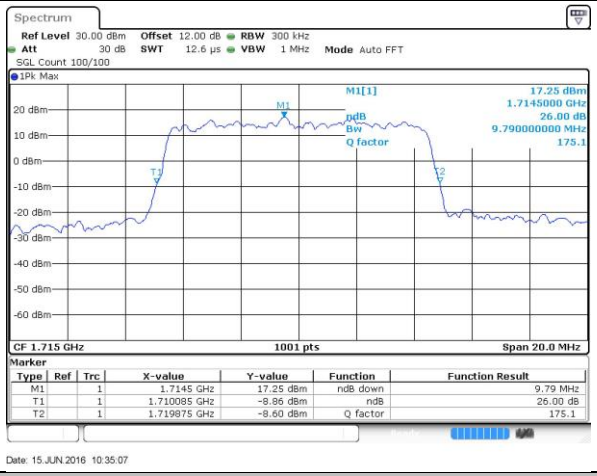
Highest Channel / 5MHz / 16QAM



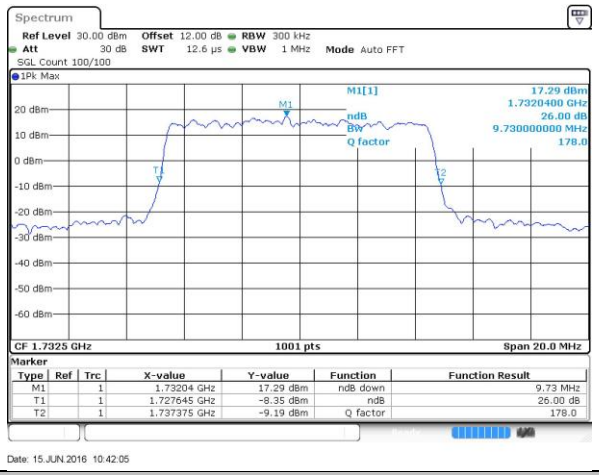
LTE Band 4

Lowest Channel / 10MHz / QPSK

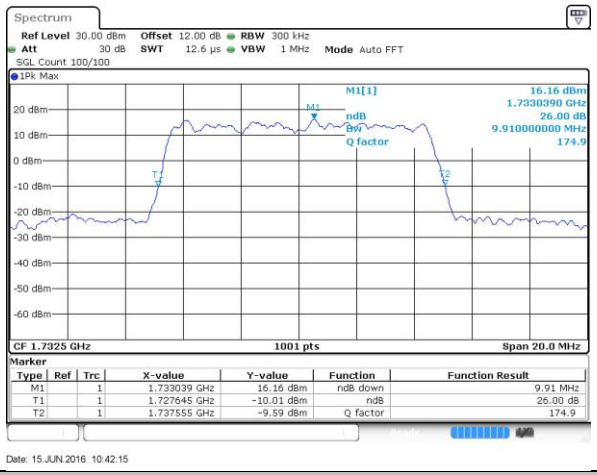
Lowest Channel / 10MHz / 16QAM



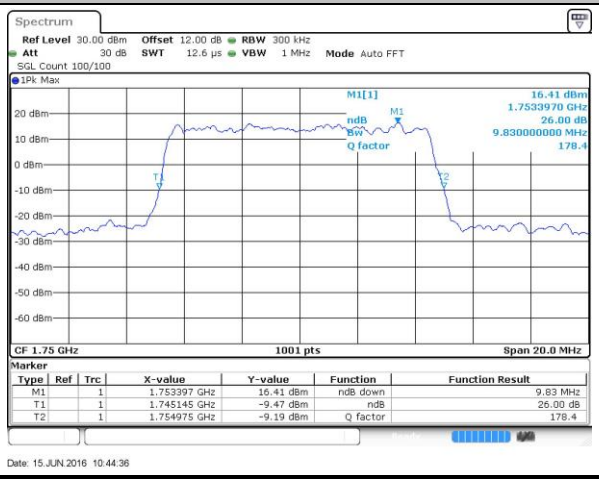
Middle Channel / 10MHz / QPSK



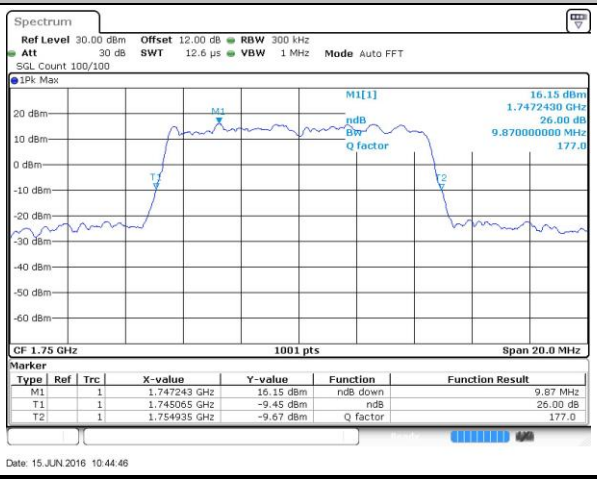
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

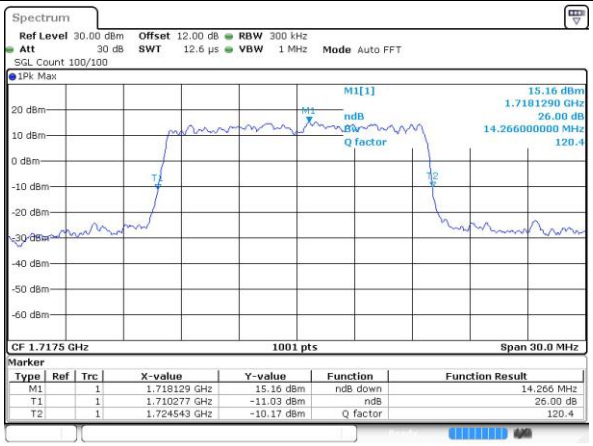


Highest Channel / 10MHz / 16QAM

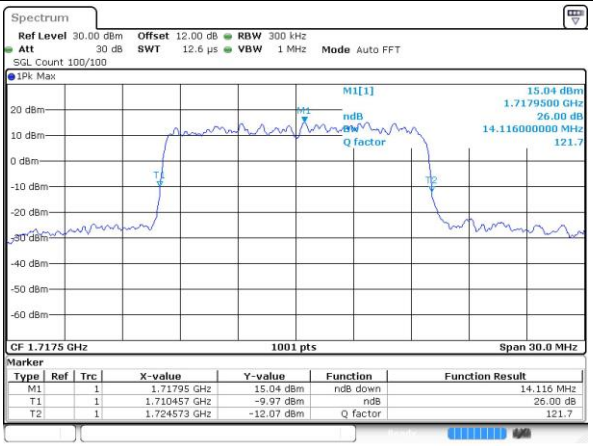


LTE Band 4

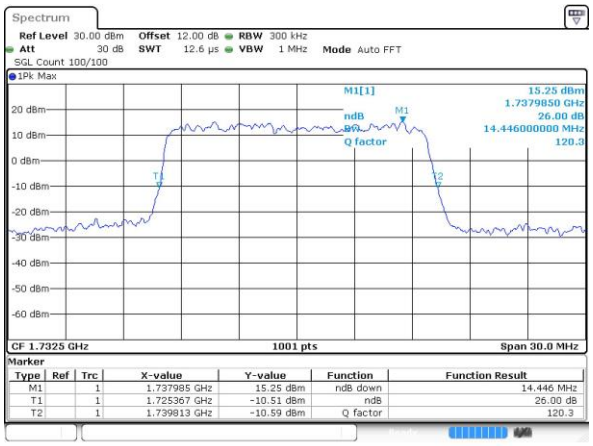
Lowest Channel / 15MHz / QPSK



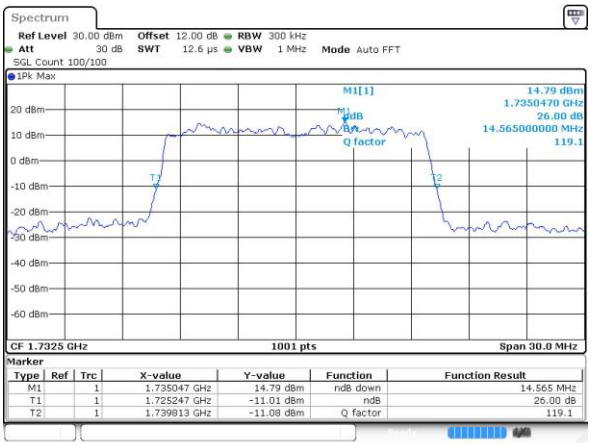
Lowest Channel / 15MHz / 16QAM



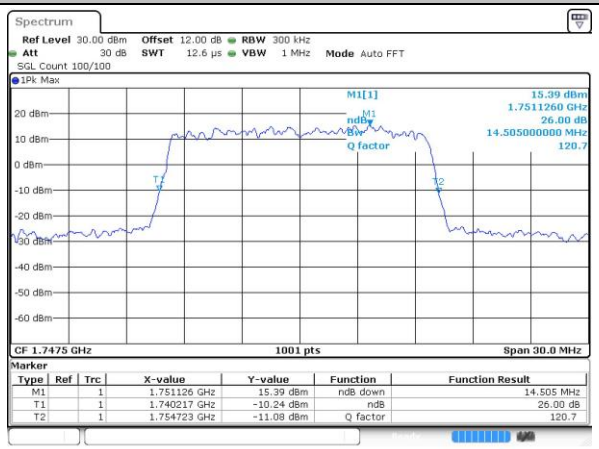
Middle Channel / 15MHz / QPSK



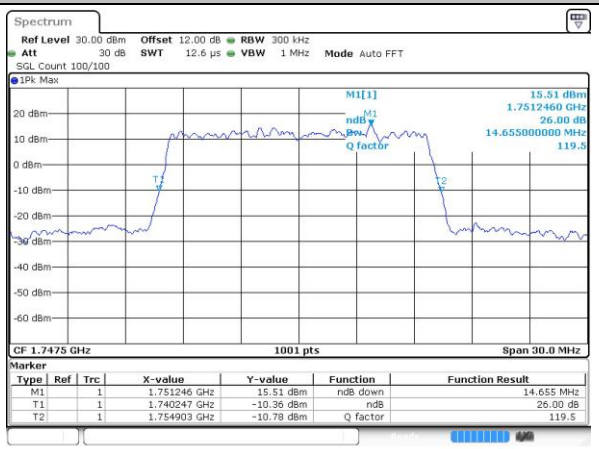
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

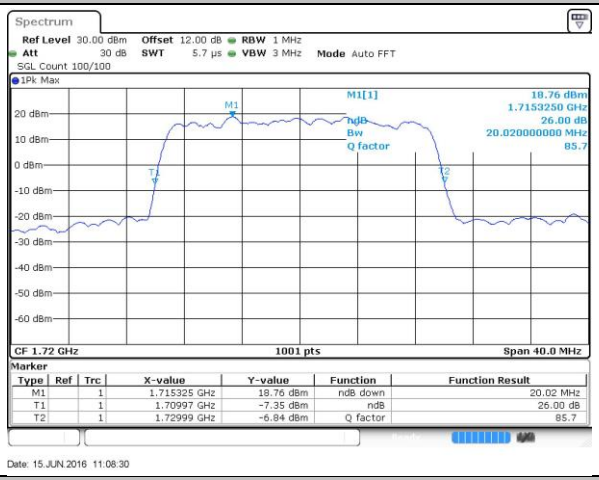


Highest Channel / 15MHz / 16QAM

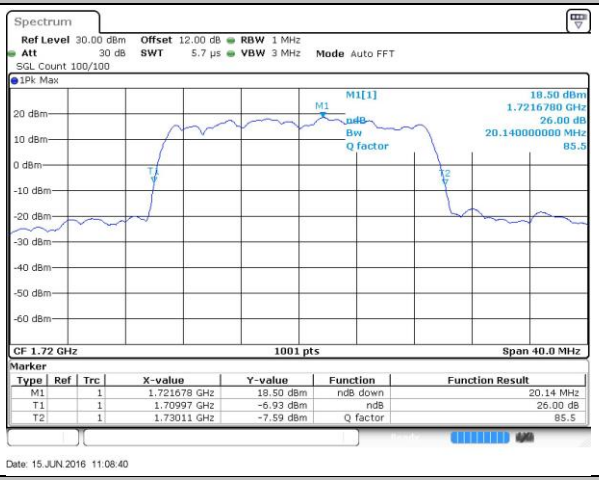


LTE Band 4

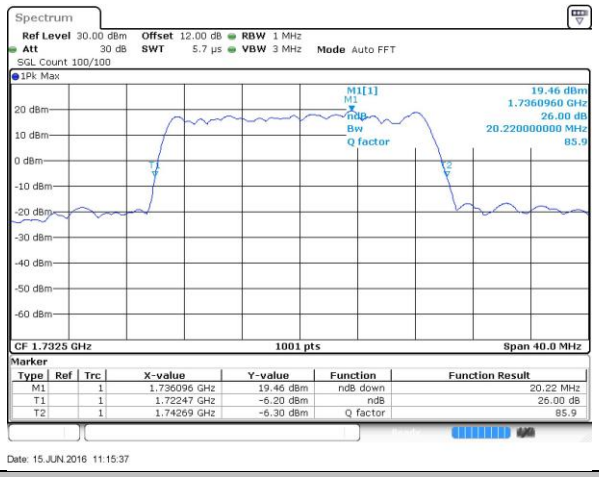
Lowest Channel / 20MHz / QPSK



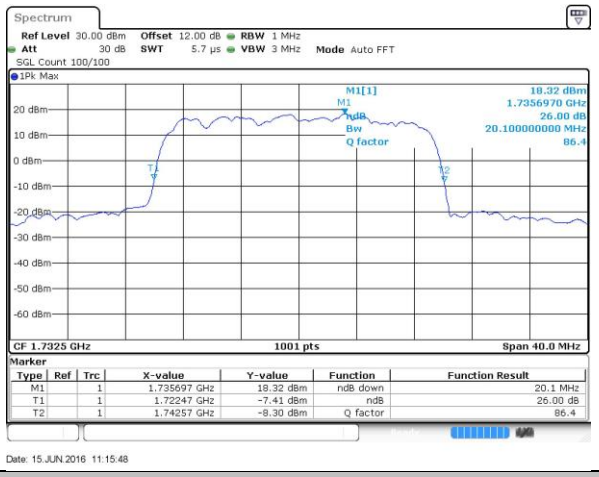
Lowest Channel / 20MHz / 16QAM



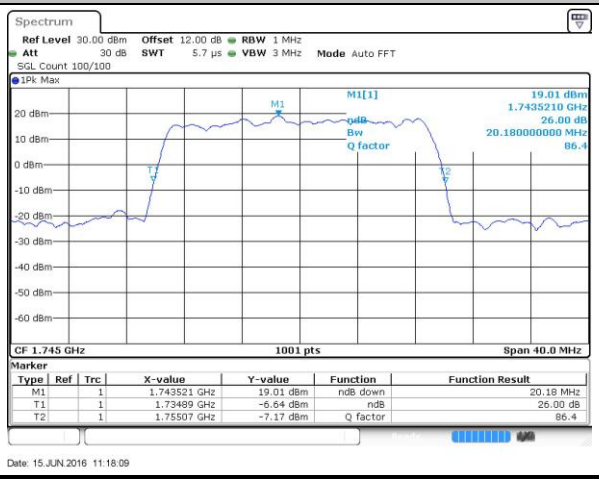
Middle Channel / 20MHz / QPSK



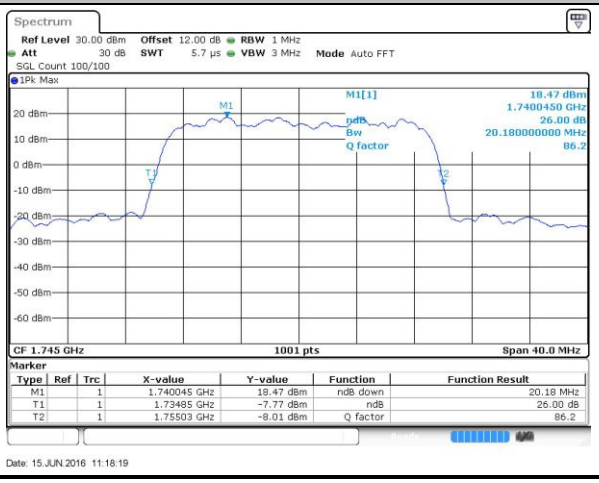
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

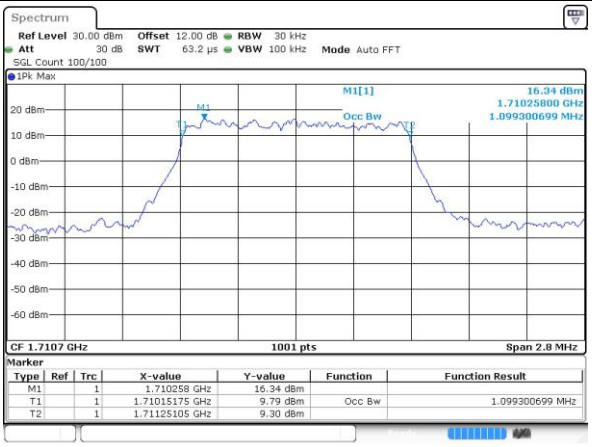


Occupied Bandwidth

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	1.1	1.1	2.7	2.72	4.48	4.5	9.11	8.99	13.37	13.34	18.18	18.1
Middle CH	1.09	1.09	2.74	2.72	4.5	4.5	9.01	8.97	13.4	13.43	18.42	18.18
Highest CH	1.09	1.09	2.72	2.72	4.49	4.48	8.99	8.97	13.43	13.37	18.3	18.3

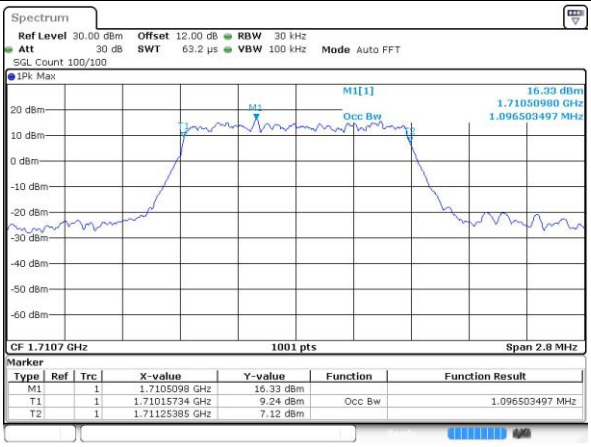
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



Date: 14.JUN.2016 01:45:15

Lowest Channel / 1.4MHz / 16QAM



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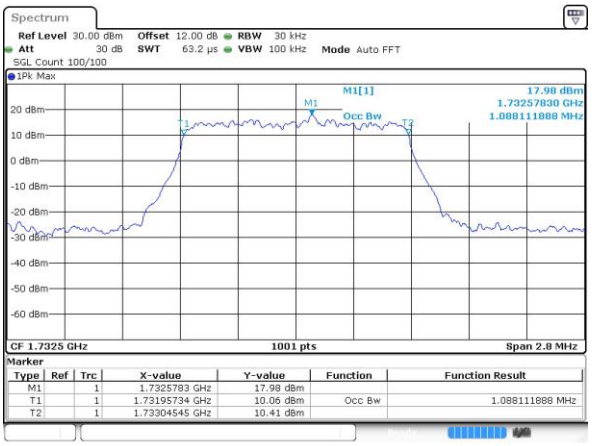
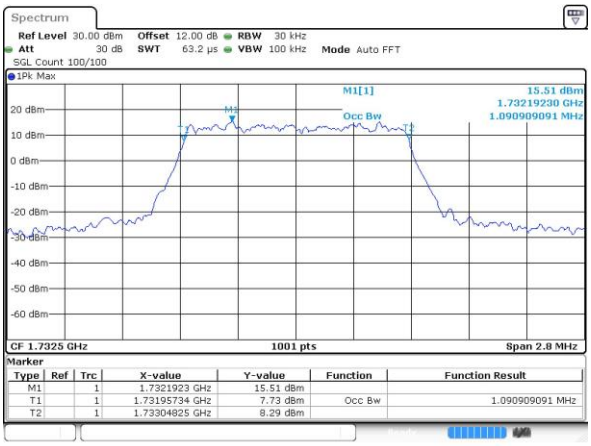
Middle Channel / 1.4MHz / QPSK



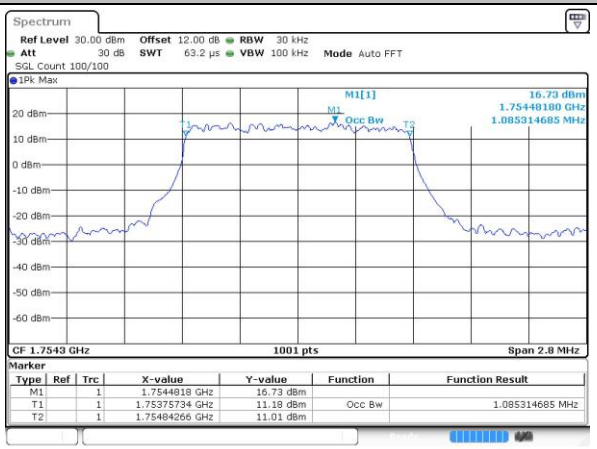
Date: 14.JUN.2016 01:52:25

Middle Channel / 1.4MHz / 16QAM



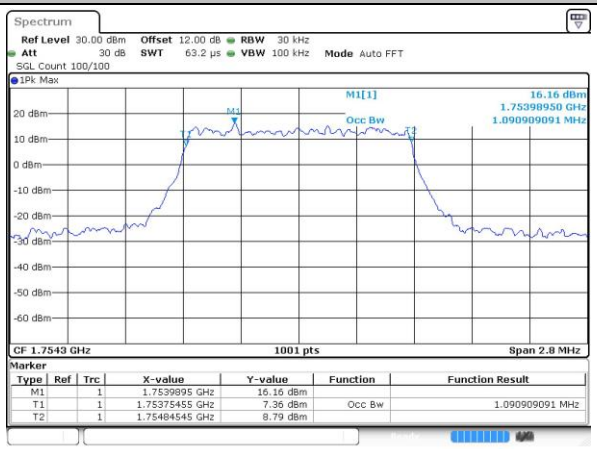
Date: 14.JUN.2016 01:52:35

Highest Channel / 1.4MHz / QPSK



Date: 14.JUN.2016 01:54:56

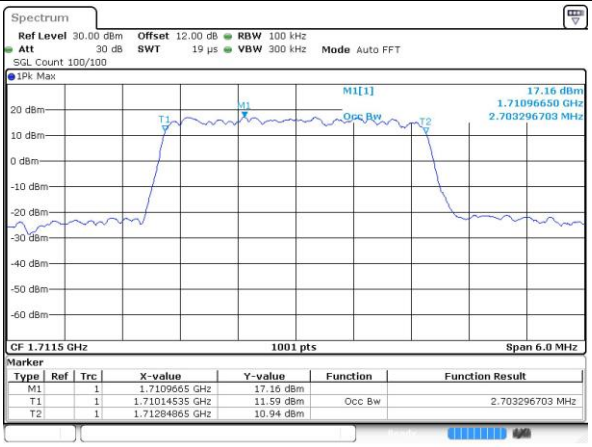
Highest Channel / 1.4MHz / 16QAM



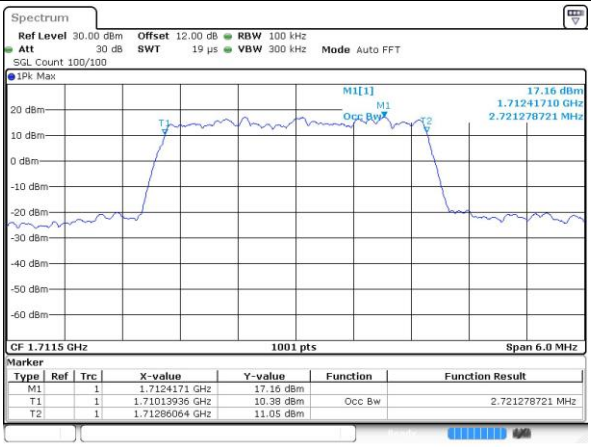
Date: 14.JUN.2016 01:55:07

LTE Band 4

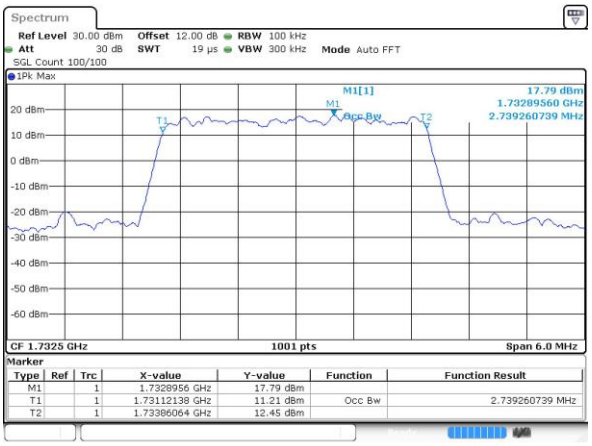
Lowest Channel / 3MHz / QPSK



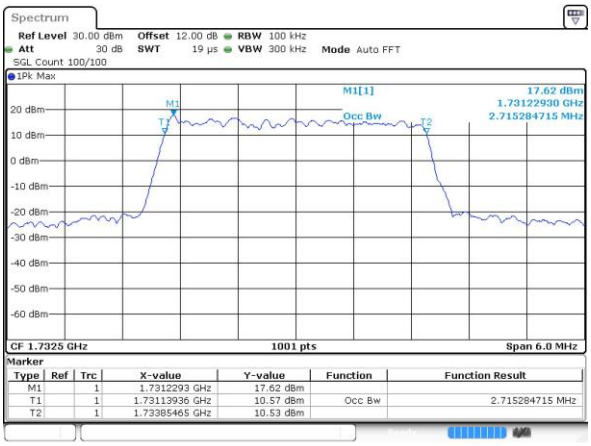
Lowest Channel / 3MHz / 16QAM



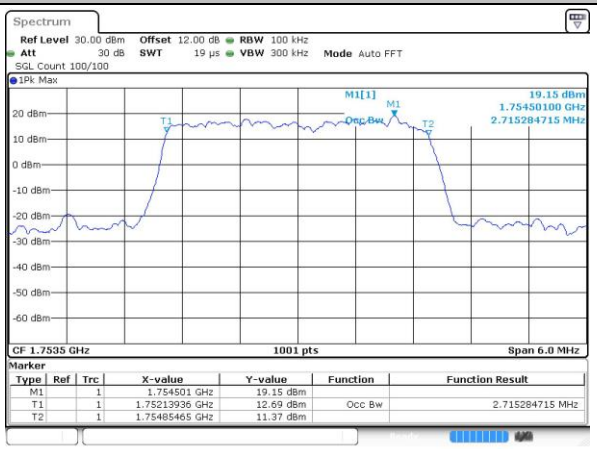
Middle Channel / 3MHz / QPSK



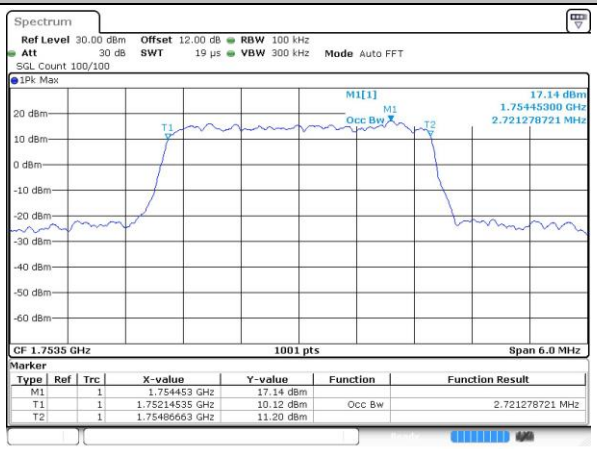
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

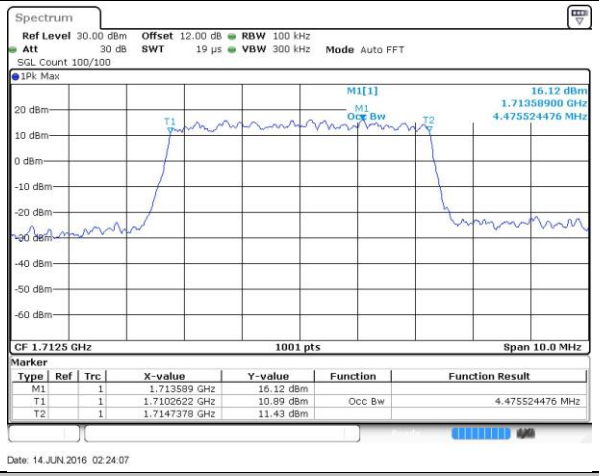


Highest Channel / 3MHz / 16QAM

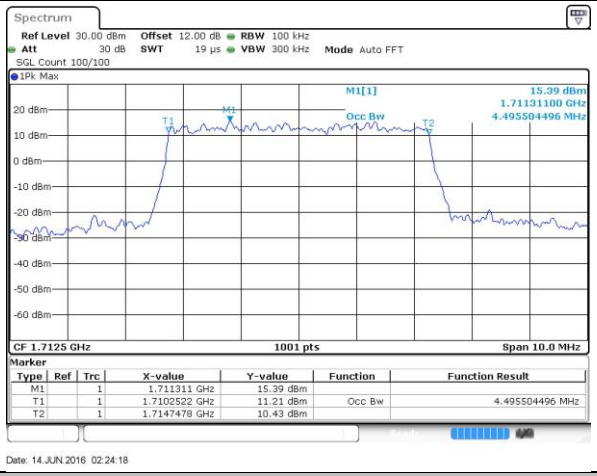


LTE Band 4

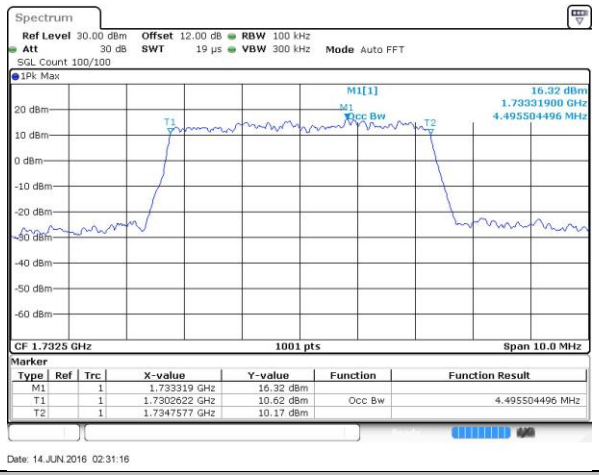
Lowest Channel / 5MHz / QPSK



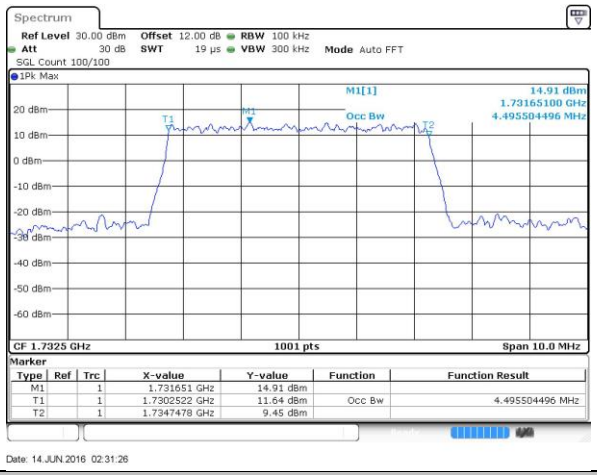
Lowest Channel / 5MHz / 16QAM



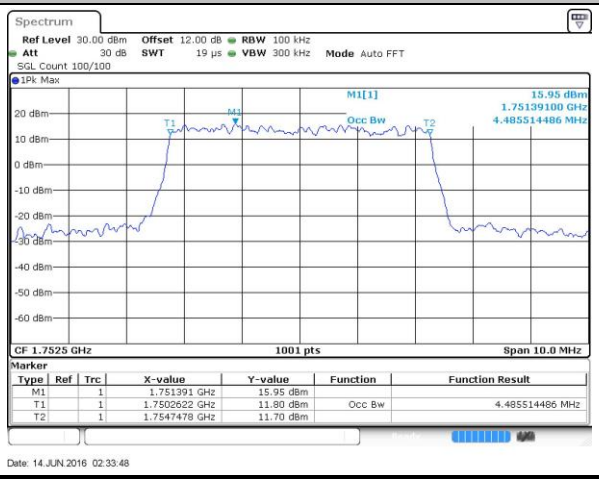
Middle Channel / 5MHz / QPSK



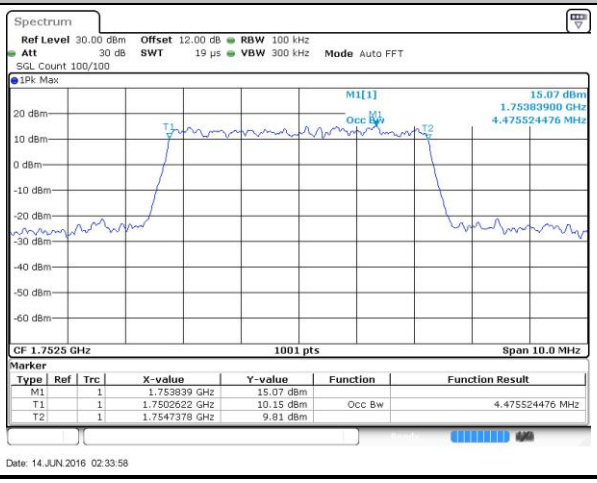
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

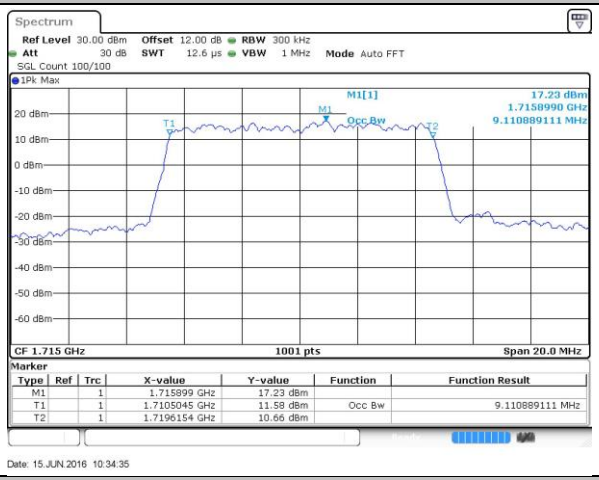


Highest Channel / 5MHz / 16QAM

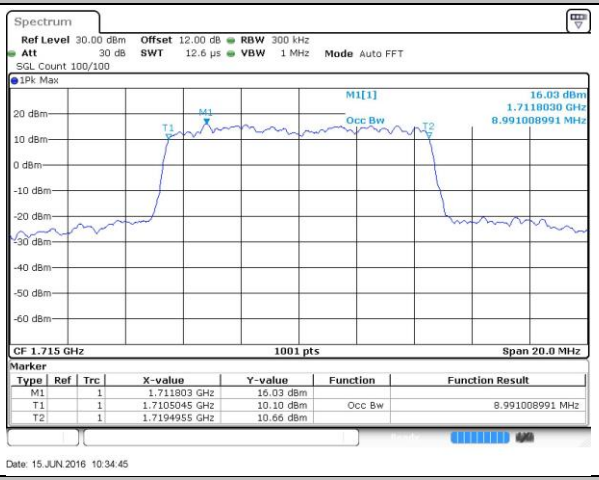


LTE Band 4

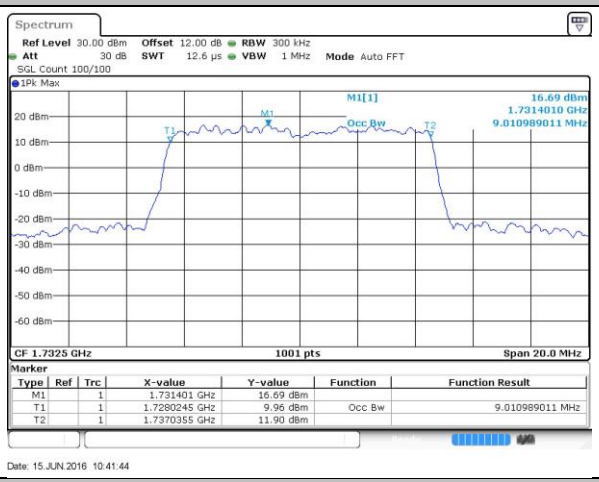
Lowest Channel / 10MHz / QPSK



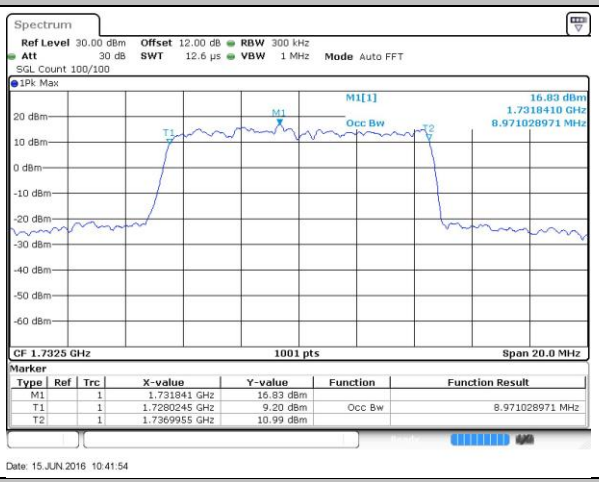
Lowest Channel / 10MHz / 16QAM



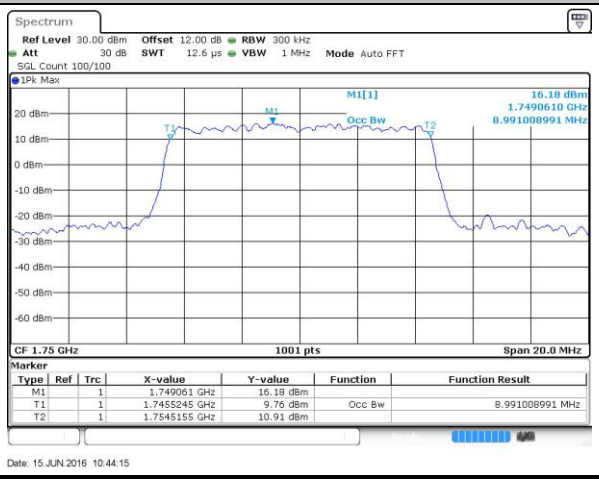
Middle Channel / 10MHz / QPSK



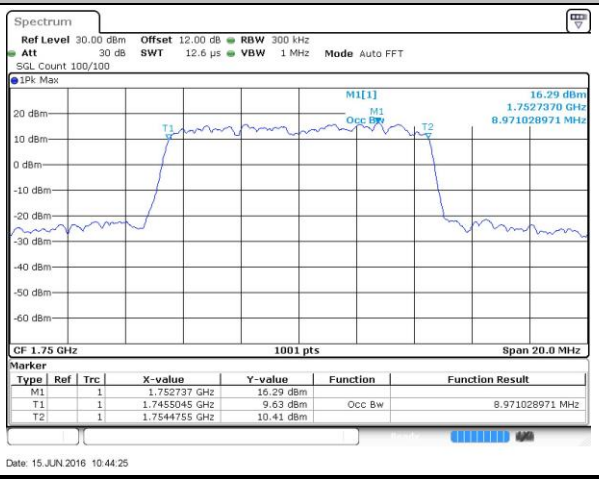
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

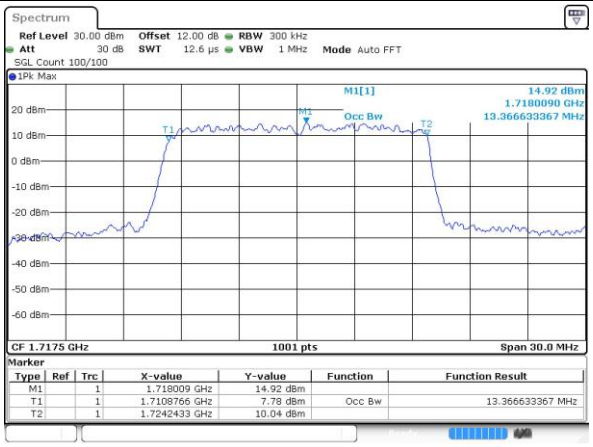


Highest Channel / 10MHz / 16QAM

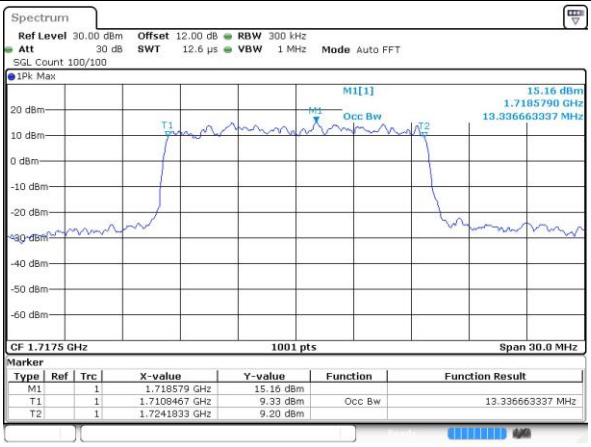


LTE Band 4

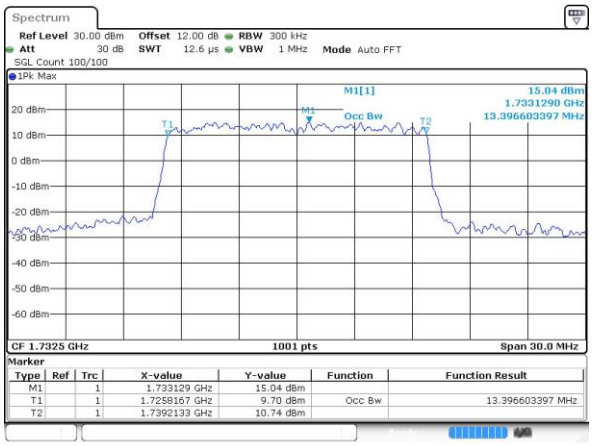
Lowest Channel / 15MHz / QPSK



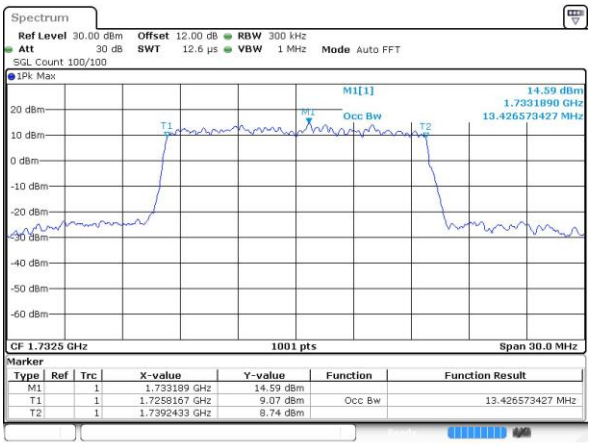
Lowest Channel / 15MHz / 16QAM



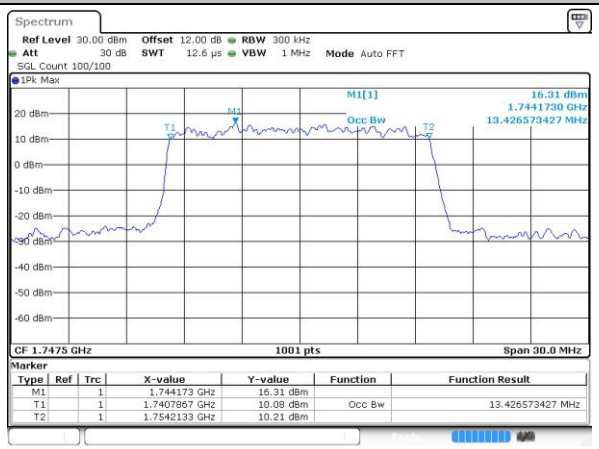
Middle Channel / 15MHz / QPSK



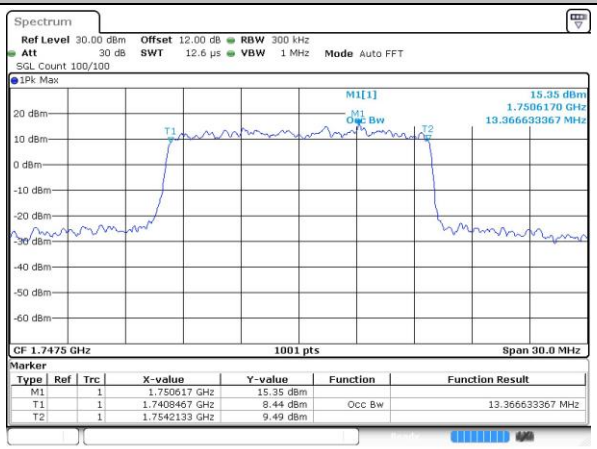
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

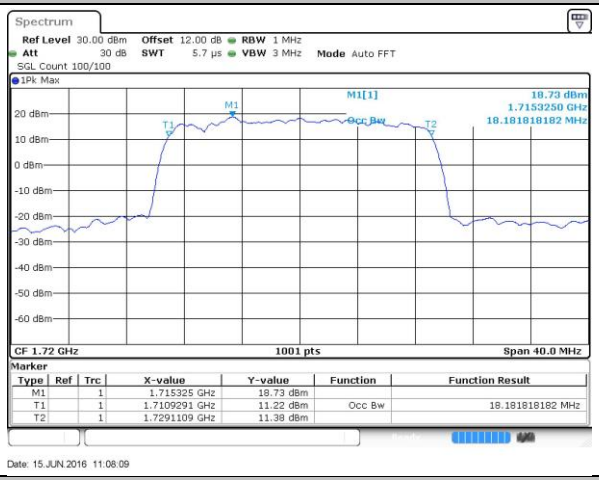


Highest Channel / 15MHz / 16QAM

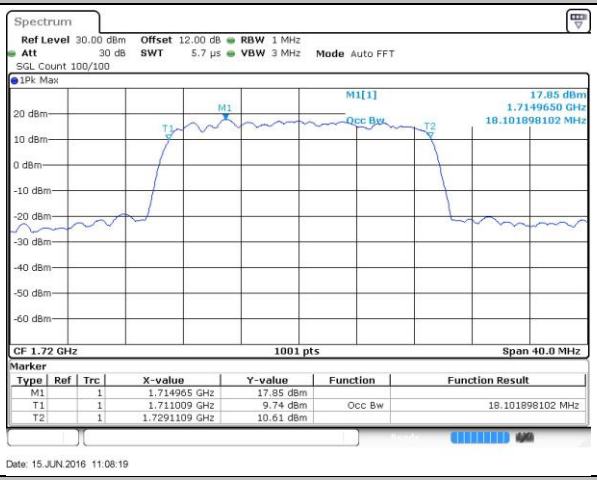


LTE Band 4

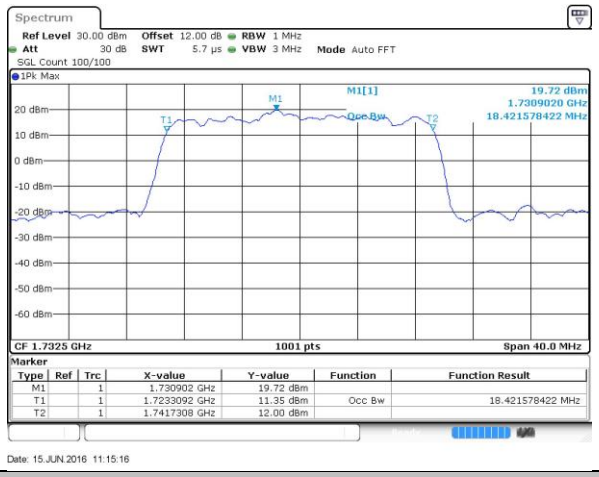
Lowest Channel / 20MHz / QPSK



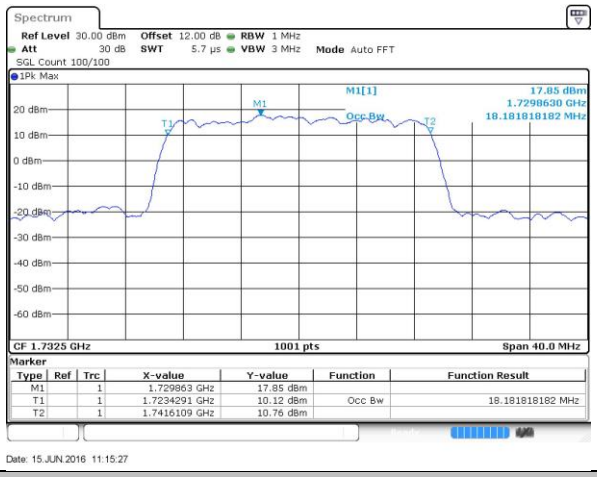
Lowest Channel / 20MHz / 16QAM



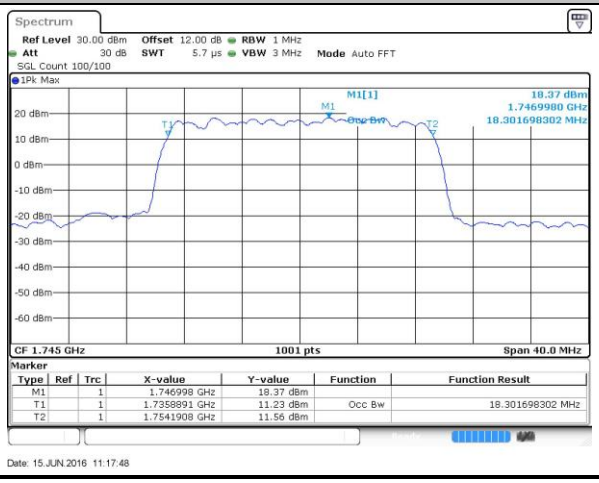
Middle Channel / 20MHz / QPSK



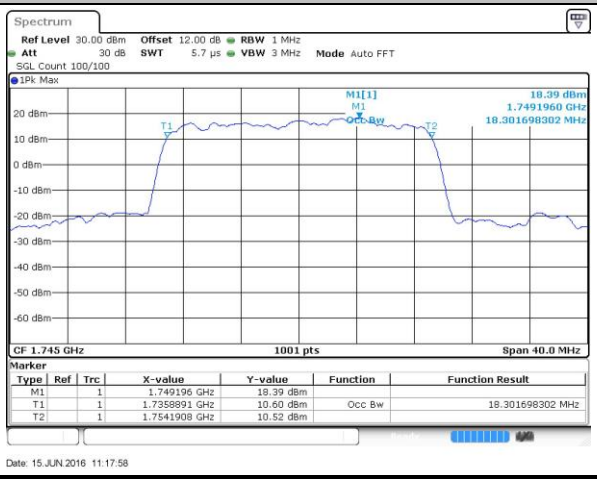
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



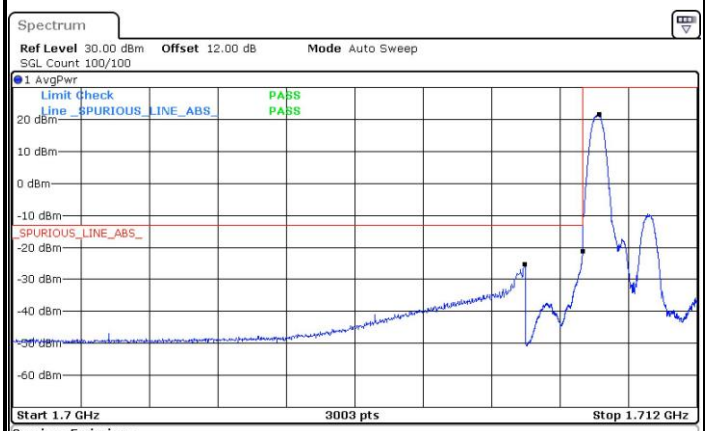
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

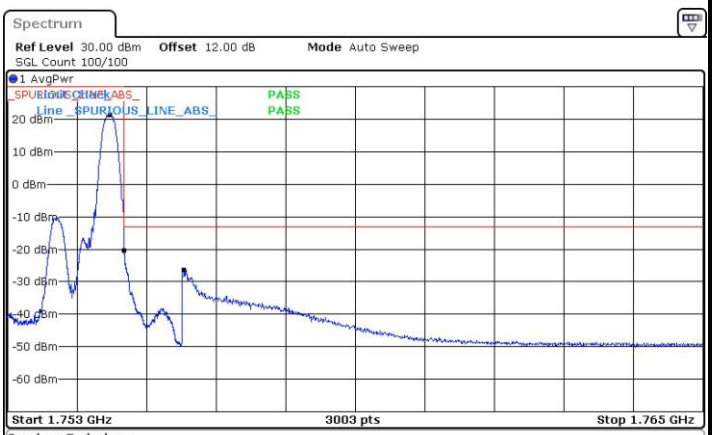


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-25.41 dBm	-12.41 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-21.09 dBm	-8.09 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71027 GHz	21.50 dBm	-8.50 dB

Date: 14.JUN.2016 01:46:56

Highest Band Edge / 1RB

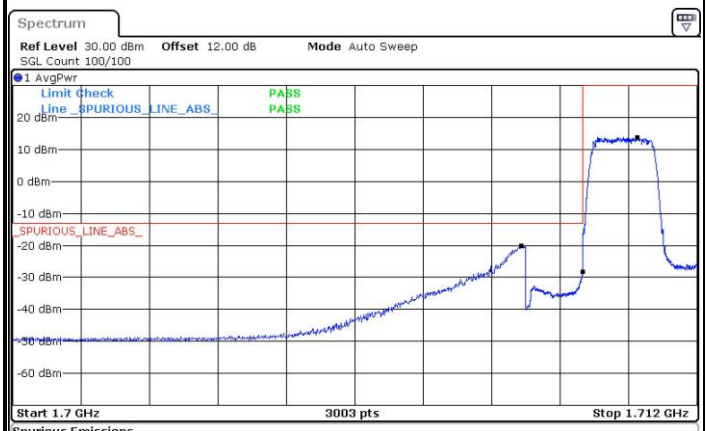


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75477 GHz	21.44 dBm	-8.56 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-20.33 dBm	-7.33 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-26.31 dBm	-13.31 dB

Date: 14.JUN.2016 01:56:37

Lowest Band Edge / Full RB

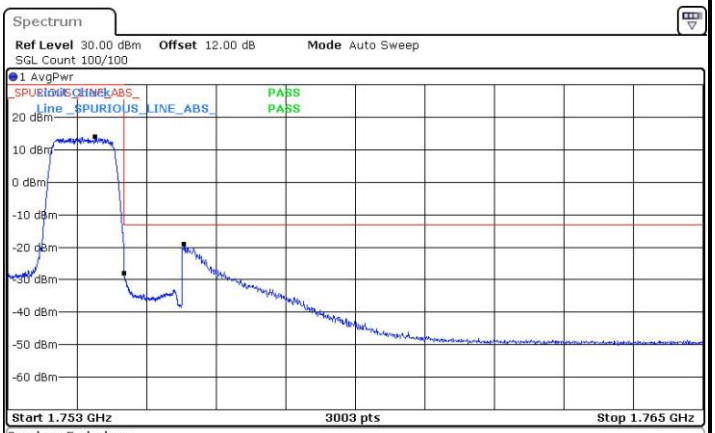


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-20.18 dBm	-7.18 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-28.13 dBm	-15.13 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71095 GHz	13.76 dBm	-16.24 dB

Date: 14.JUN.2016 01:49:15

Highest Band Edge / Full RB



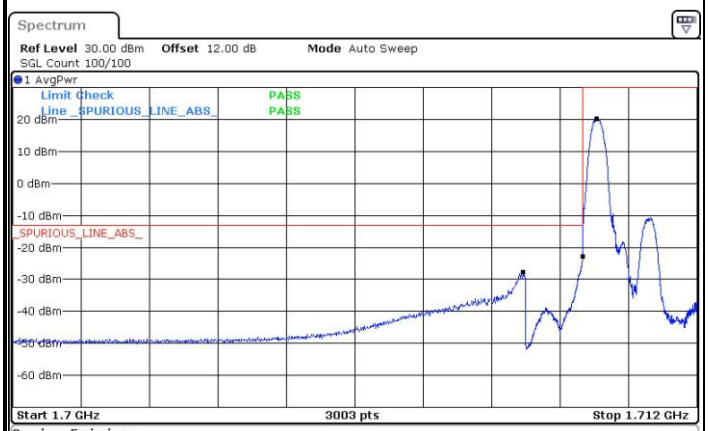
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75451 GHz	13.95 dBm	-16.05 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-28.07 dBm	-15.07 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-19.09 dBm	-6.09 dB

Date: 14.JUN.2016 01:58:56

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

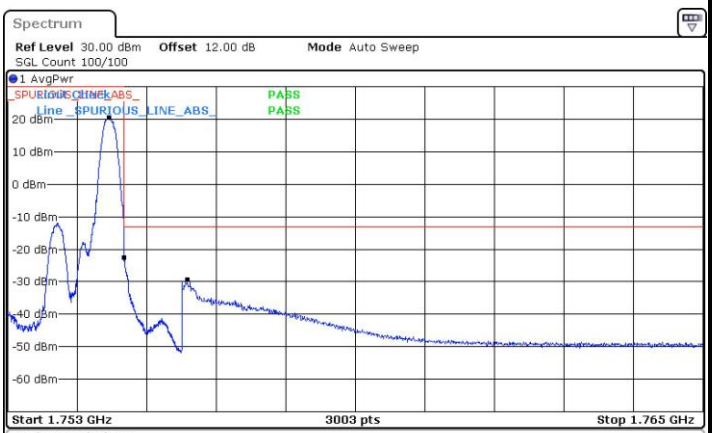


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-27.73 dBm	-14.73 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-22.71 dBm	-9.71 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	20.29 dBm	-9.71 dB

Date: 14.JUN.2016 01:48:05

Highest Band Edge / 1 RB

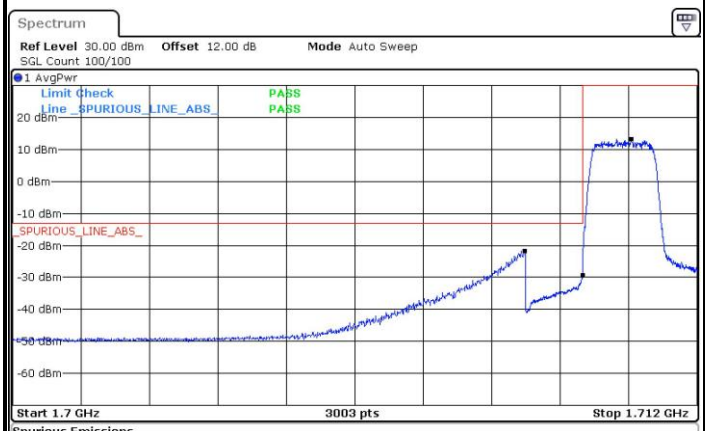


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75475 GHz	20.54 dBm	-9.46 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-22.54 dBm	-9.54 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75610 GHz	-29.46 dBm	-16.46 dB

Date: 14.JUN.2016 01:57:46

Lowest Band Edge / Full RB

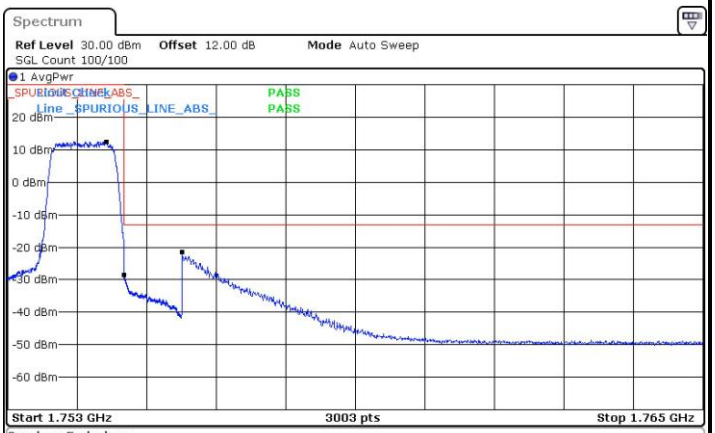


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-21.68 dBm	-8.68 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-29.39 dBm	-16.39 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71084 GHz	13.20 dBm	-16.80 dB

Date: 14.JUN.2016 01:50:24

Highest Band Edge / Full RB



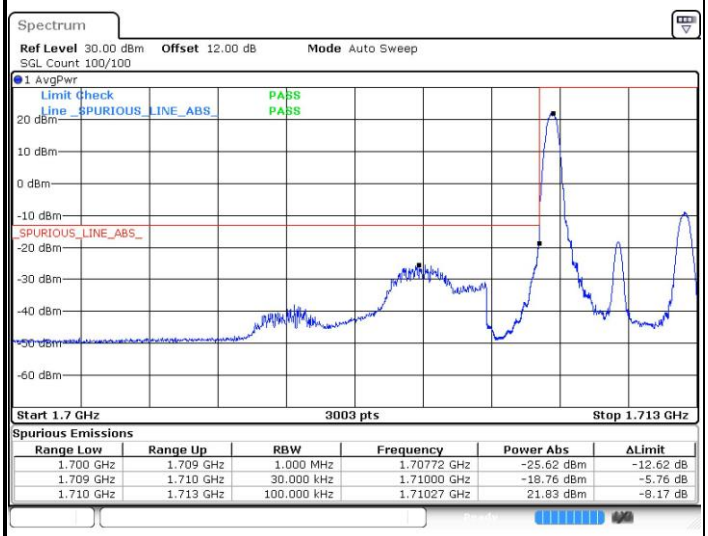
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75471 GHz	12.49 dBm	-17.51 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-28.56 dBm	-15.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-21.62 dBm	-8.62 dB

Date: 14.JUN.2016 02:00:05

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

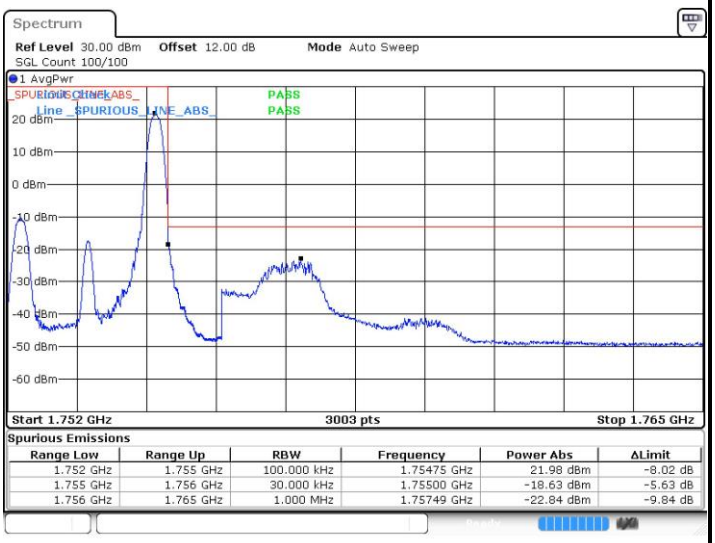


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70772 GHz	-25.62 dBm	-12.62 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-18.76 dBm	-5.76 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71027 GHz	21.83 dBm	-8.17 dB

Date: 14.JUN.2016 02:04:19

Highest Band Edge / 1 RB

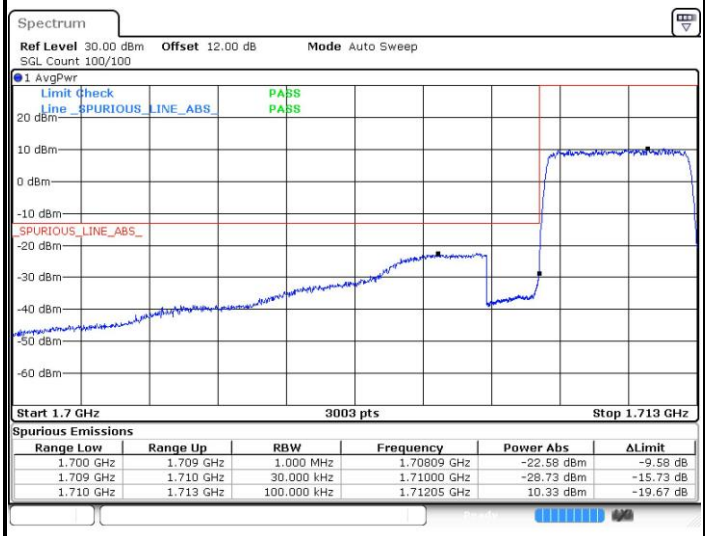


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75475 GHz	21.98 dBm	-8.02 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-18.63 dBm	-5.63 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75749 GHz	-22.84 dBm	-9.84 dB

Date: 14.JUN.2016 02:14:01

Lowest Band Edge / Full RB

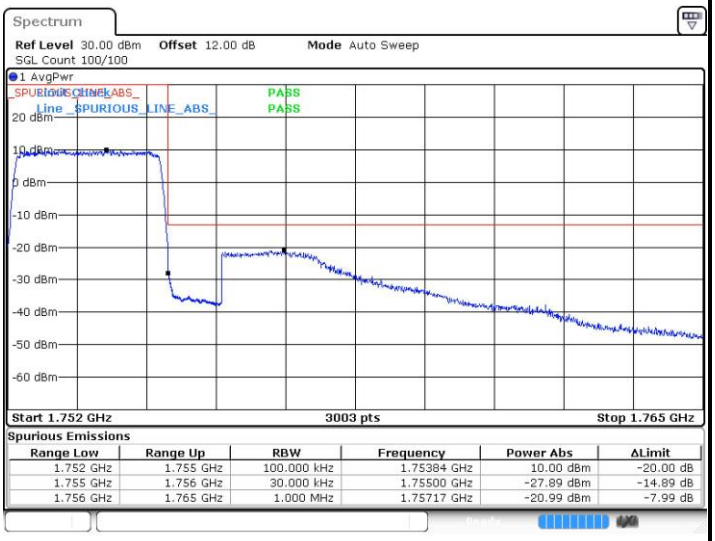


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70809 GHz	-22.58 dBm	-9.58 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-28.73 dBm	-15.73 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71205 GHz	10.33 dBm	-19.67 dB

Date: 14.JUN.2016 02:06:38

Highest Band Edge / Full RB



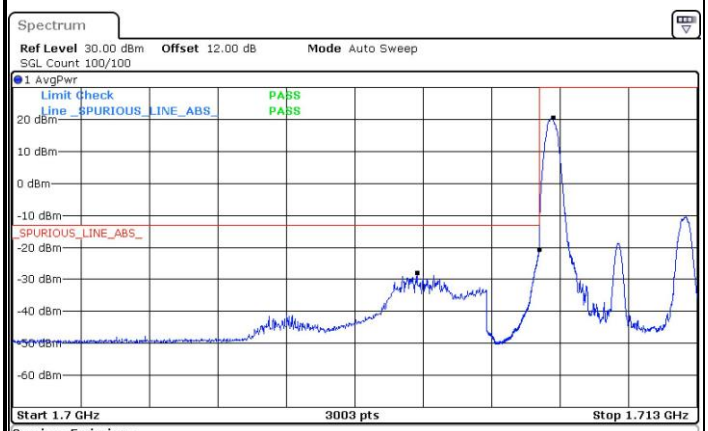
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75384 GHz	10.00 dBm	-20.00 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-27.89 dBm	-14.89 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75717 GHz	-20.99 dBm	-7.99 dB

Date: 14.JUN.2016 02:16:20

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

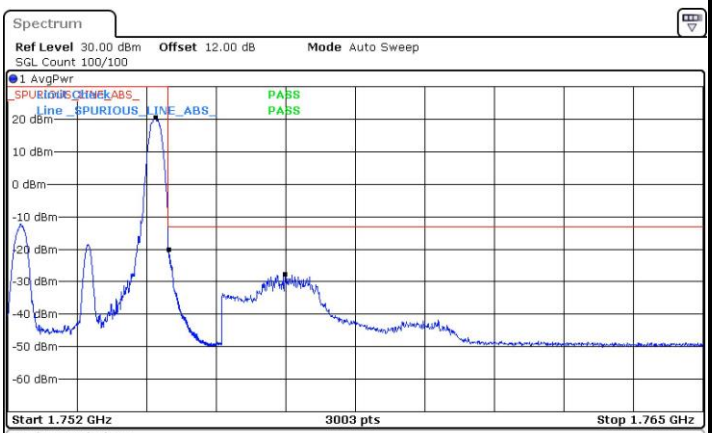


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70768 GHz	-28.12 dBm	-15.12 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-20.57 dBm	-7.57 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71026 GHz	20.52 dBm	-9.48 dB

Date: 14.JUN.2016 02:05:29

Highest Band Edge /1 RB

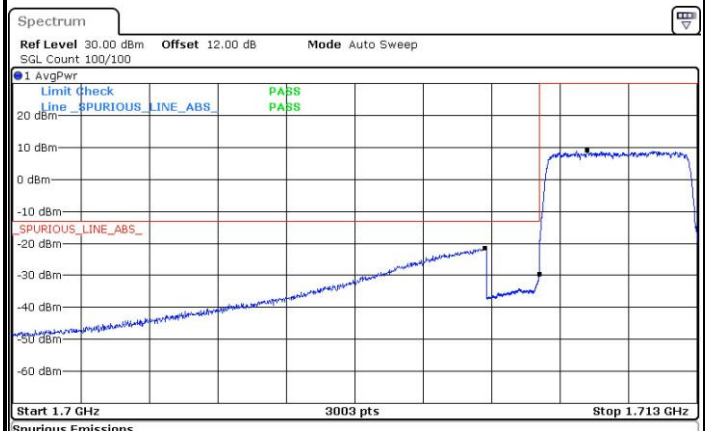


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75477 GHz	20.58 dBm	-9.42 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-20.25 dBm	-7.25 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75719 GHz	-27.66 dBm	-14.66 dB

Date: 14.JUN.2016 02:15:10

Lowest Band Edge / Full RB

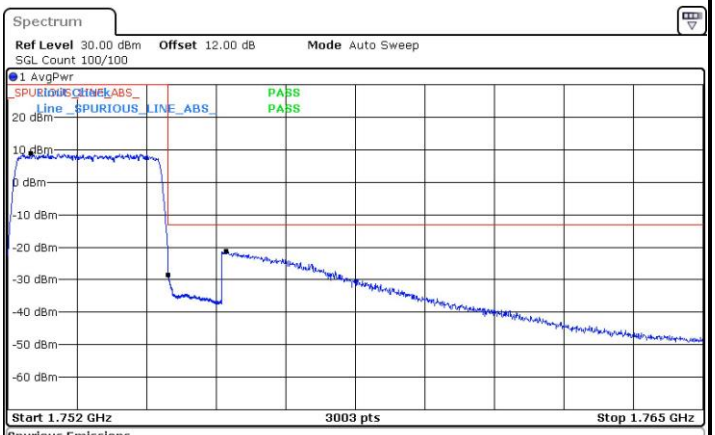


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-21.58 dBm	-8.58 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-29.75 dBm	-16.75 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71092 GHz	9.03 dBm	-20.97 dB

Date: 14.JUN.2016 02:07:47

Highest Band Edge / Full RB



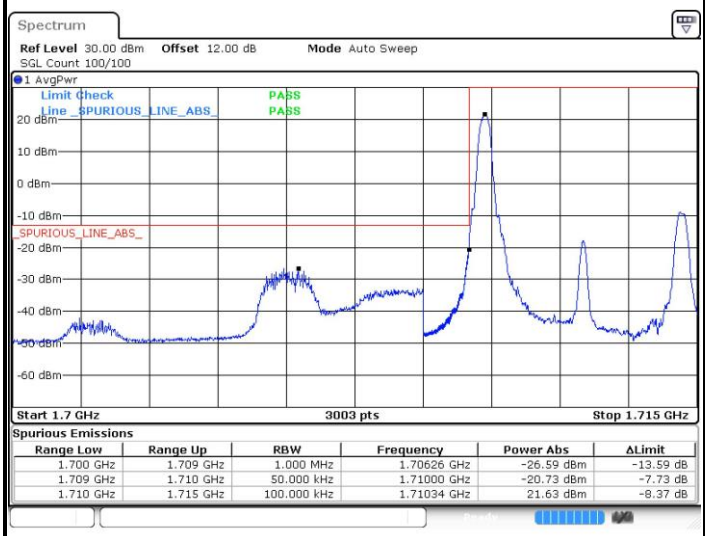
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75243 GHz	8.80 dBm	-21.20 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-28.56 dBm	-15.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-21.35 dBm	-8.35 dB

Date: 14.JUN.2016 02:17:29

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

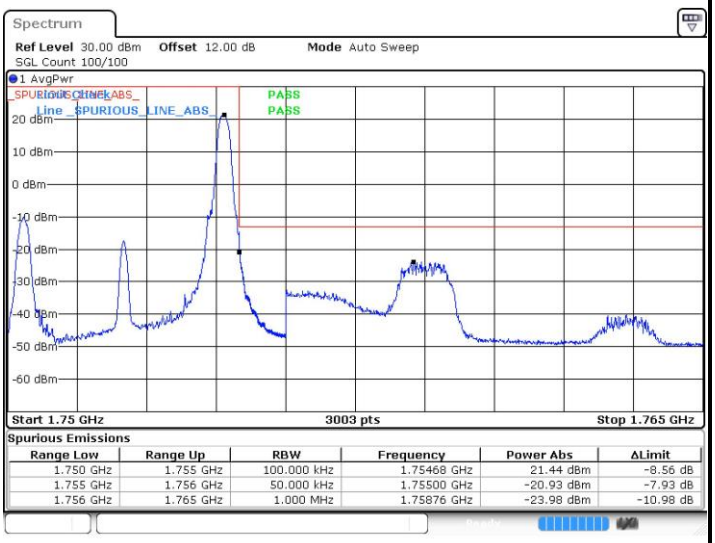


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70626 GHz	-26.59 dBm	-13.59 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-20.73 dBm	-7.73 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71034 GHz	21.63 dBm	-8.37 dB

Date: 14.JUN.2016 02:25:47

Highest Band Edge / 1 RB

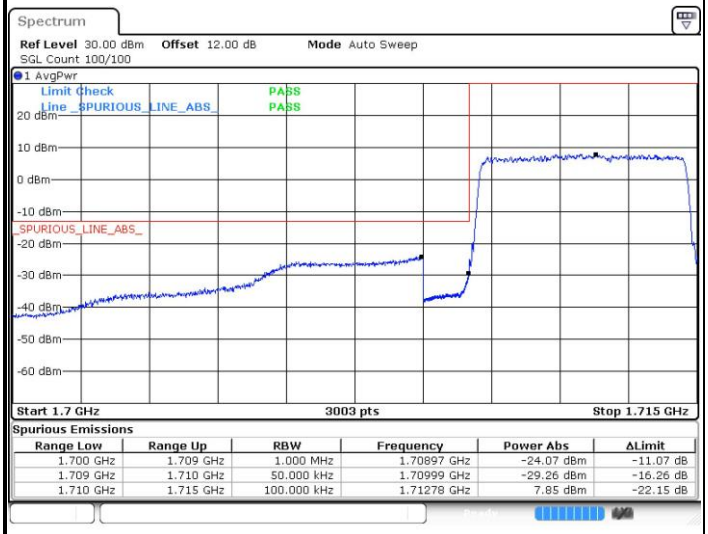


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75468 GHz	21.44 dBm	-8.56 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-20.93 dBm	-7.93 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75876 GHz	-23.98 dBm	-10.98 dB

Date: 14.JUN.2016 02:35:28

Lowest Band Edge / Full RB

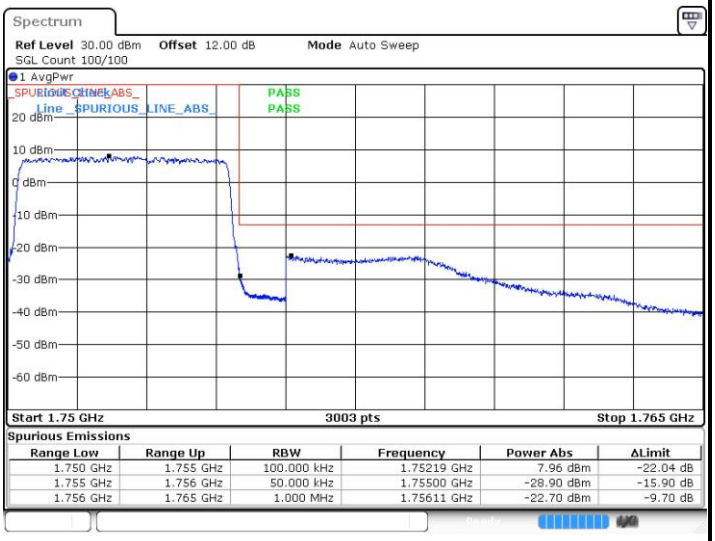


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-24.07 dBm	-11.07 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70999 GHz	-29.26 dBm	-16.26 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71278 GHz	7.85 dBm	-22.15 dB

Date: 14.JUN.2016 02:28:06

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	1.75219 GHz	7.96 dBm	-22.04 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-28.90 dBm	-15.90 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75611 GHz	-22.70 dBm	-9.70 dB

Date: 14.JUN.2016 02:37:47