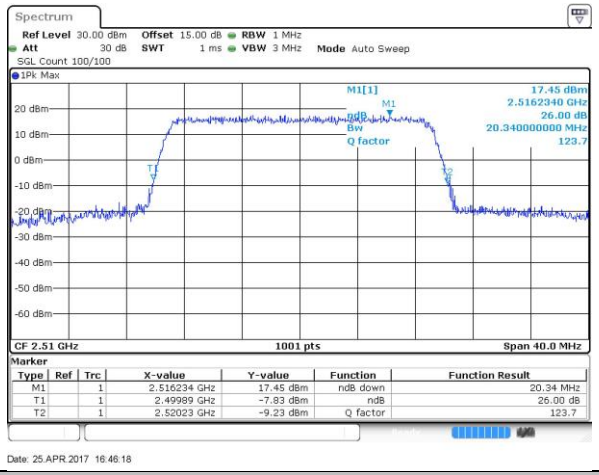
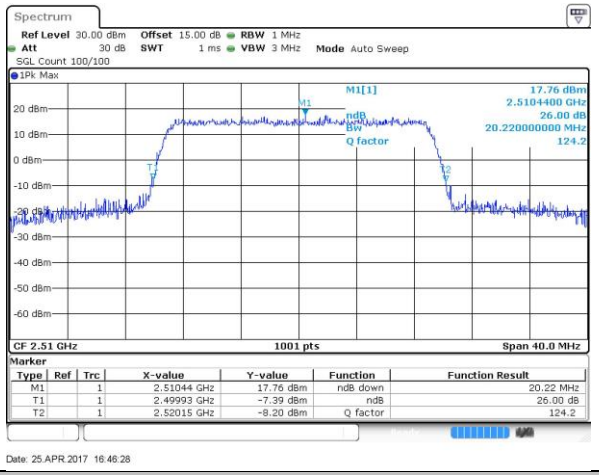
LTE Band 7

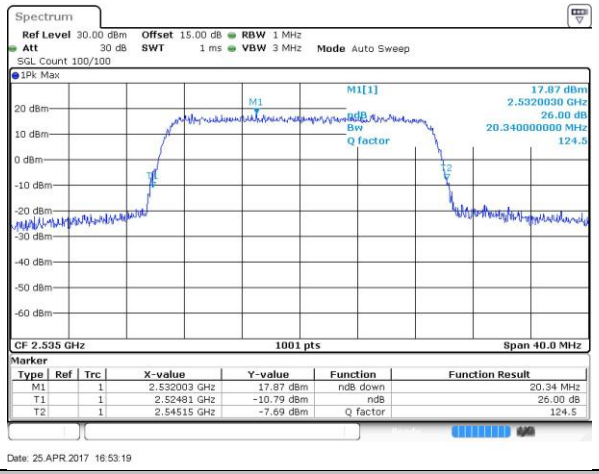
Lowest Channel / 20MHz / QPSK



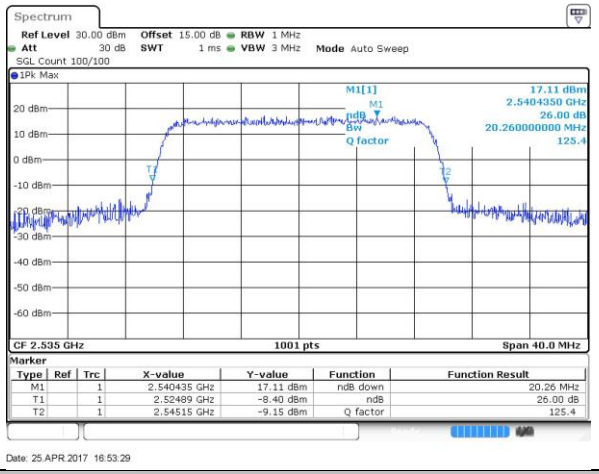
Lowest Channel / 20MHz / 16QAM



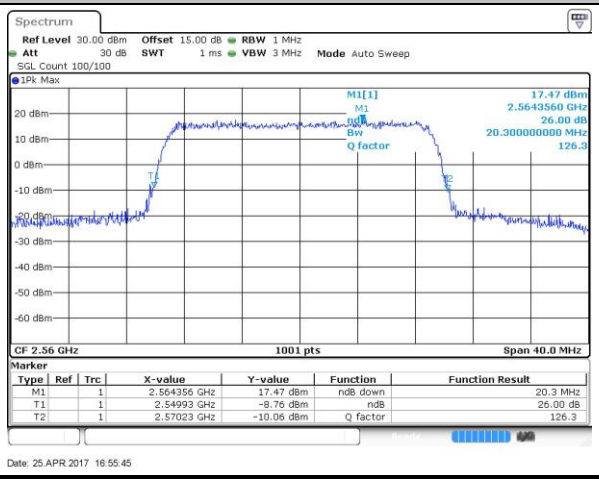
Middle Channel / 20MHz / QPSK



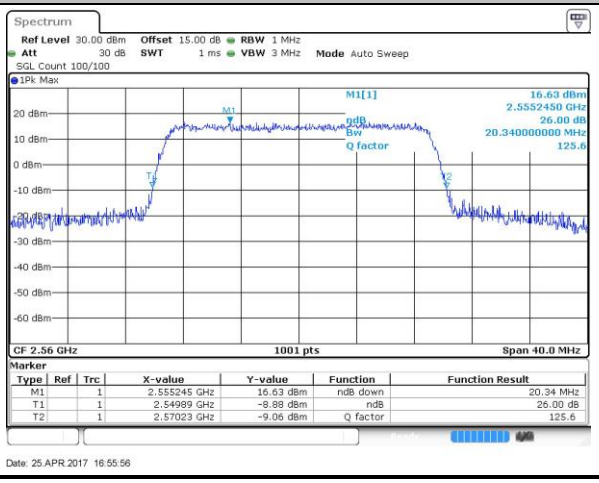
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



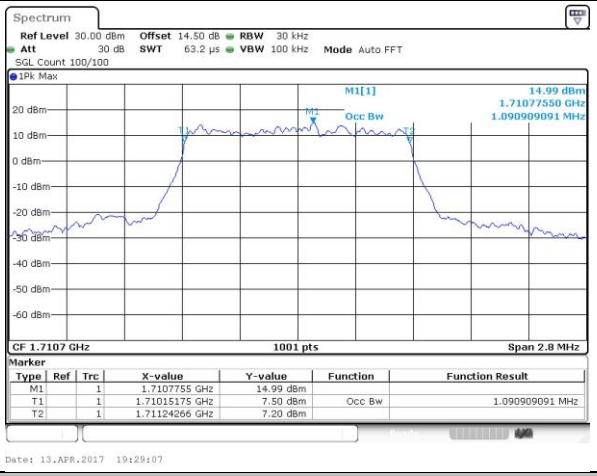
Occupied Bandwidth

Mode	LTE Band 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	1.10	2.71	2.73	4.50	4.53	9.07	8.97	13.49	13.46	18.26	18.42
Middle CH	1.10	1.09	2.72	2.73	4.51	4.52	9.03	8.99	13.46	13.49	18.30	18.50
Highest CH	1.09	1.09	2.72	2.72	4.52	4.50	9.03	9.03	13.43	13.43	18.38	18.42

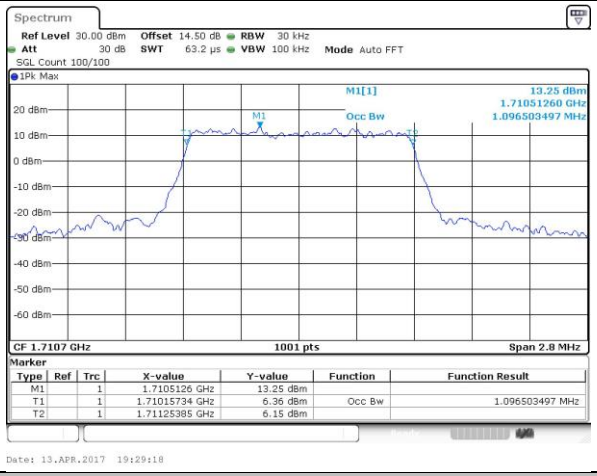
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.50	9.01	9.05	13.49	13.43	18.38	18.34
Middle CH	-	-	-	-	4.51	4.52	9.05	9.05	13.37	13.46	18.42	18.38
Highest CH	-	-	-	-	4.50	4.50	9.07	9.01	13.46	13.49	18.38	18.42

LTE Band 4

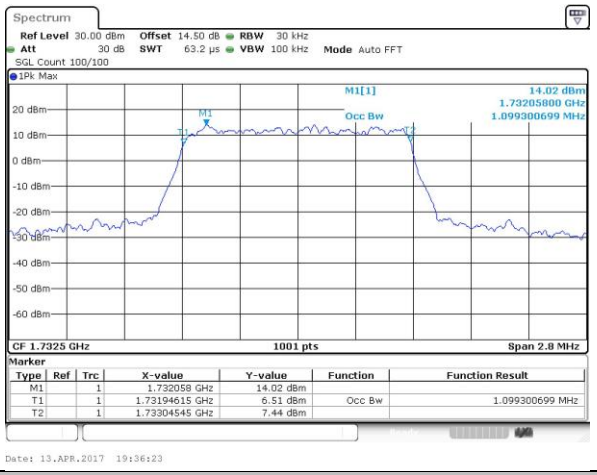
Lowest Channel / 1.4MHz / QPSK



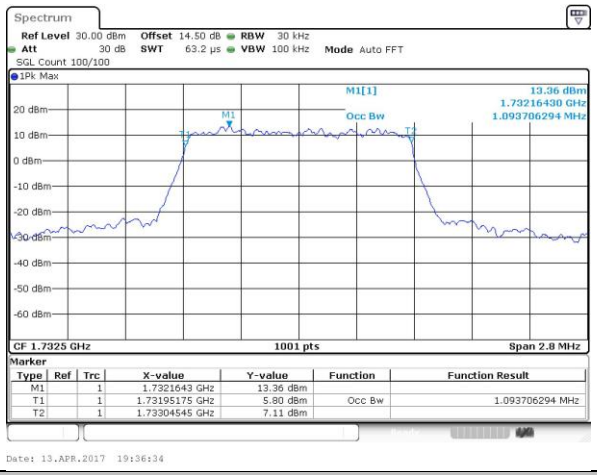
Lowest Channel / 1.4MHz / 16QAM



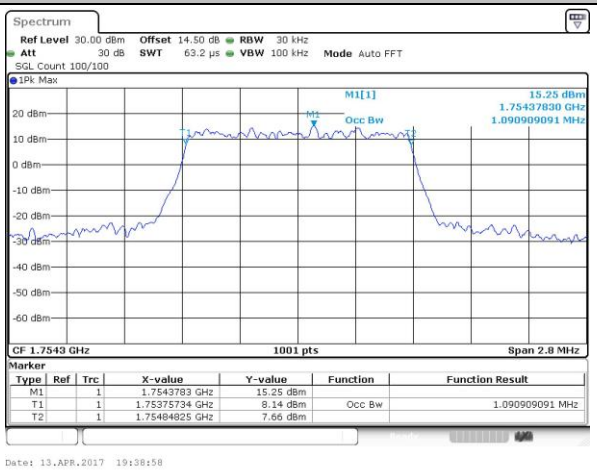
Middle Channel / 1.4MHz / QPSK



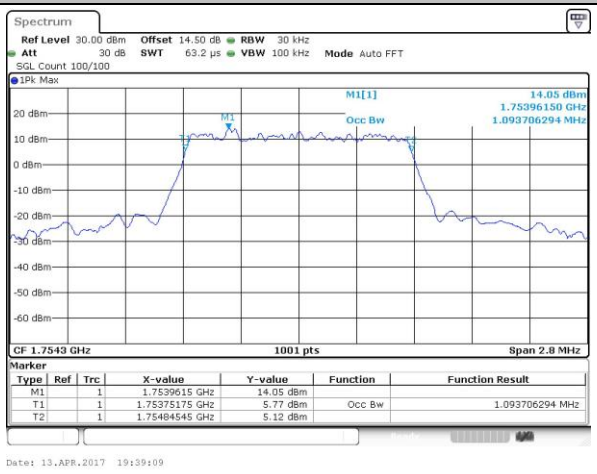
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

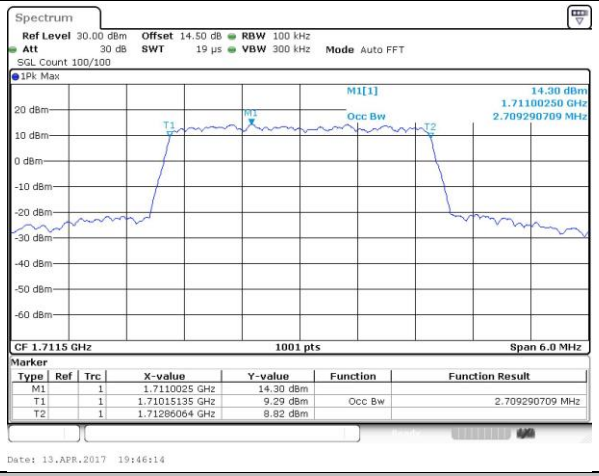


Highest Channel / 1.4MHz / 16QAM

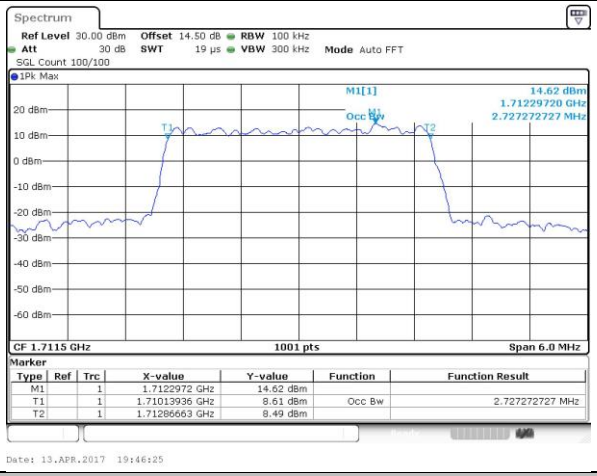


LTE Band 4

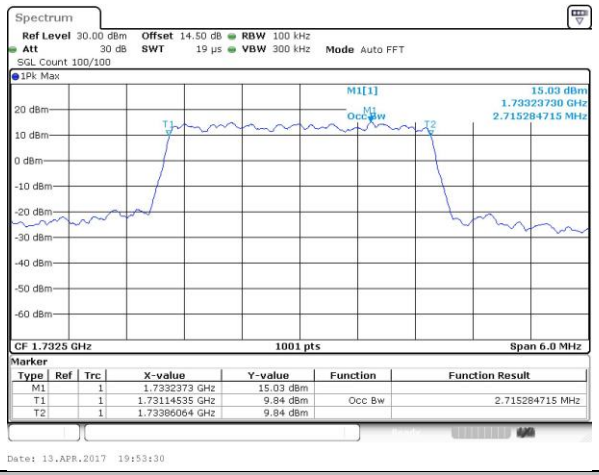
Lowest Channel / 3MHz / QPSK



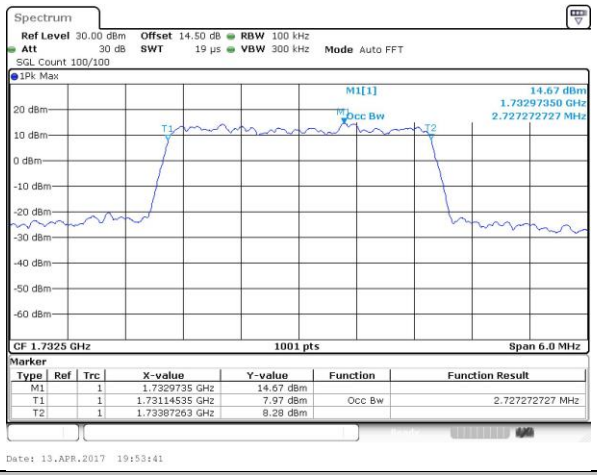
Lowest Channel / 3MHz / 16QAM



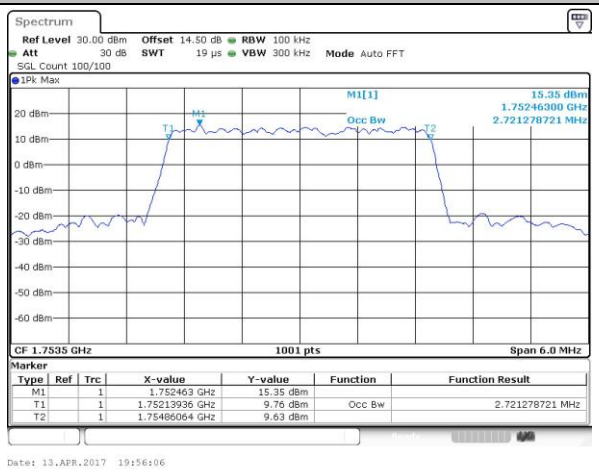
Middle Channel / 3MHz / QPSK



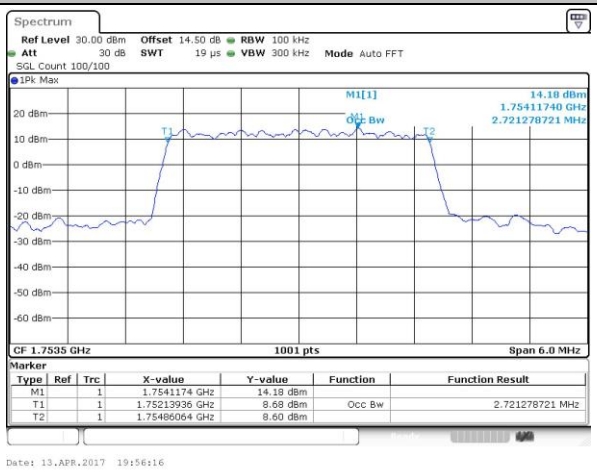
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

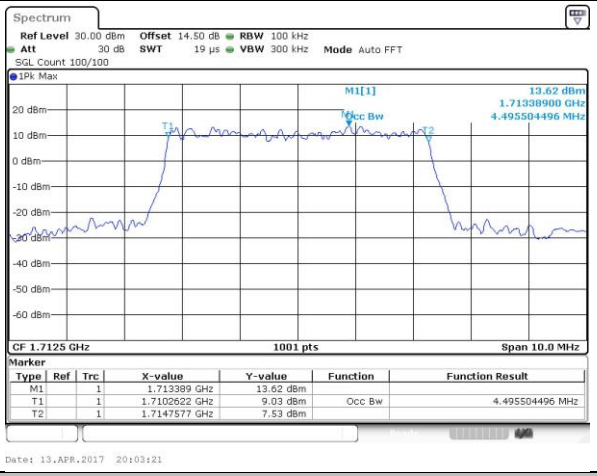


Highest Channel / 3MHz / 16QAM

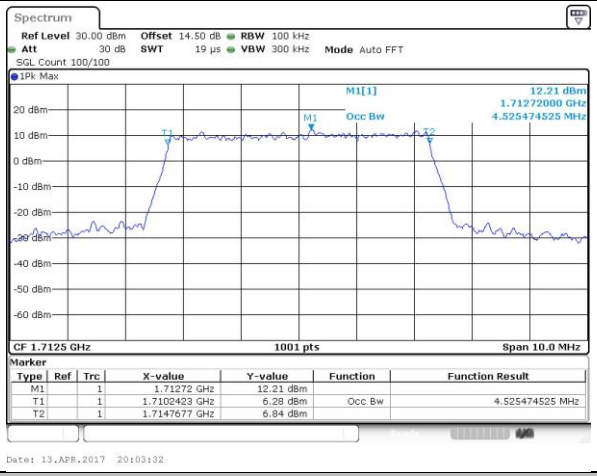


LTE Band 4

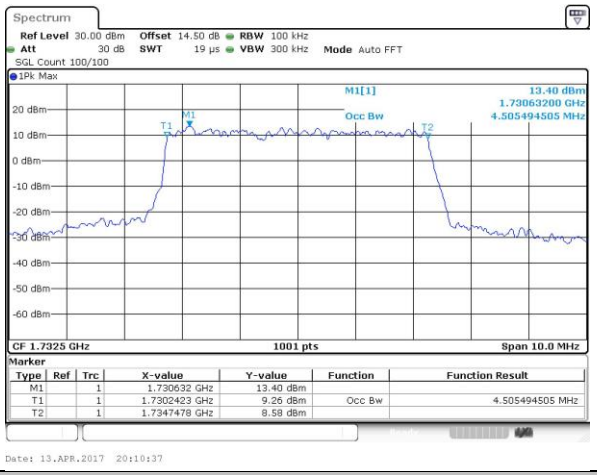
Lowest Channel / 5MHz / QPSK



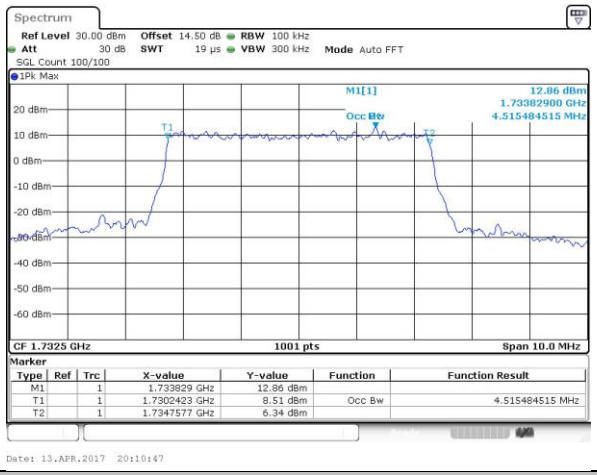
Lowest Channel / 5MHz / 16QAM



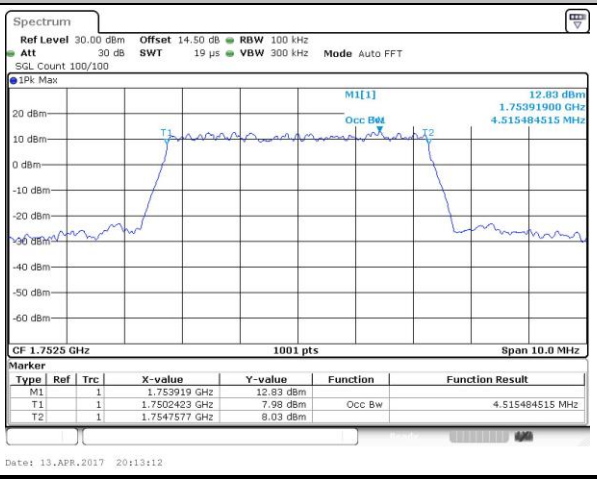
Middle Channel / 5MHz / QPSK



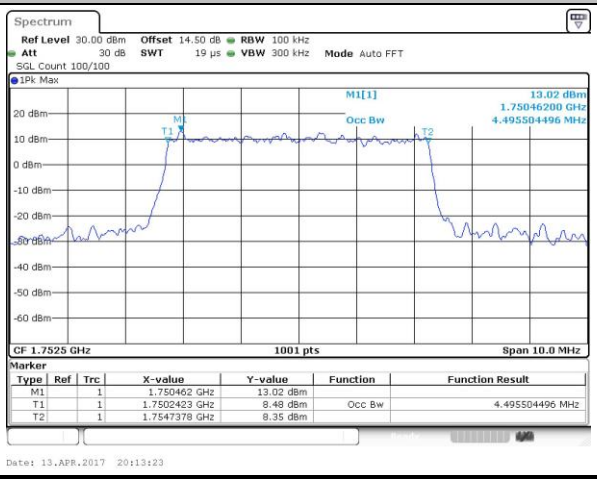
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

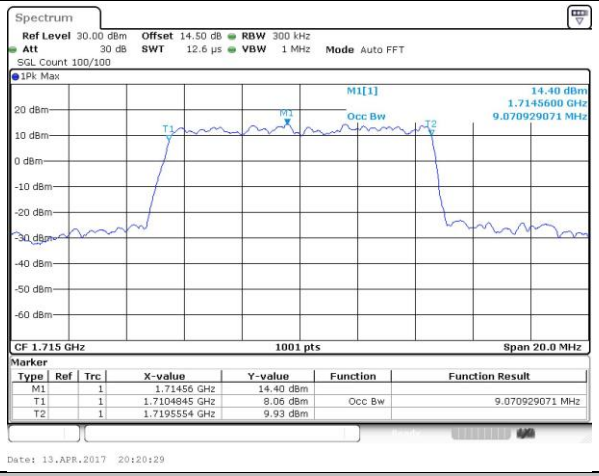


Highest Channel / 5MHz / 16QAM

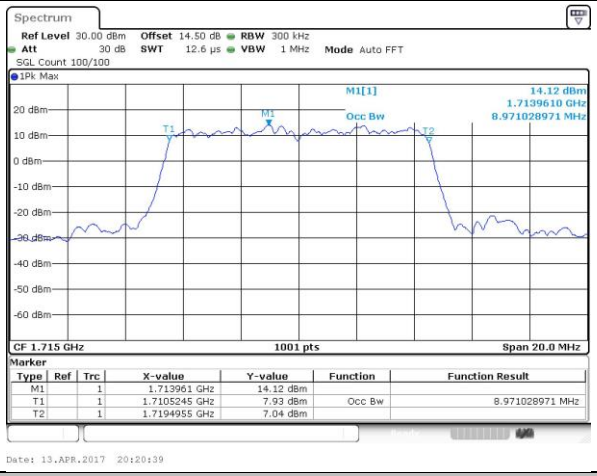


LTE Band 4

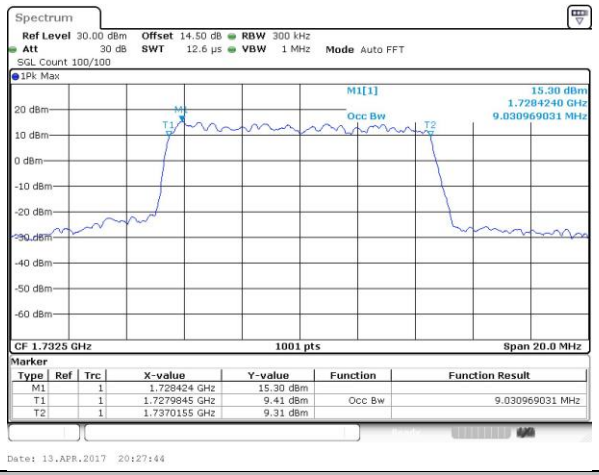
Lowest Channel / 10MHz / QPSK



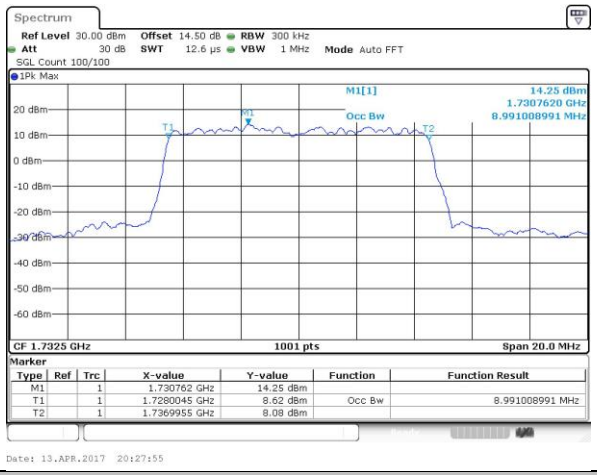
Lowest Channel / 10MHz / 16QAM



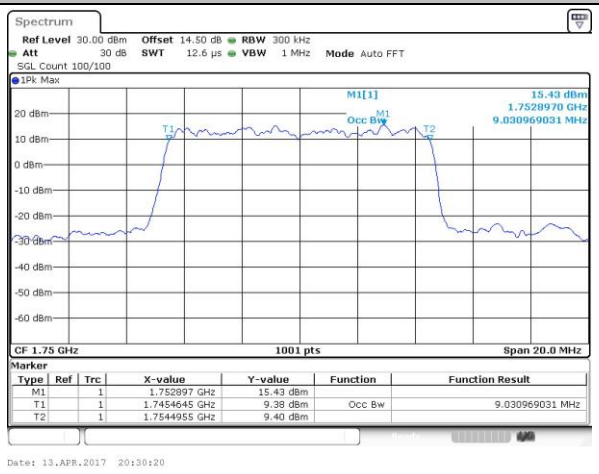
Middle Channel / 10MHz / QPSK



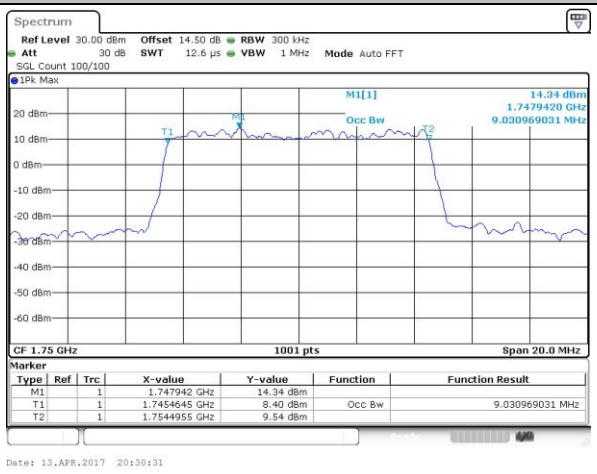
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

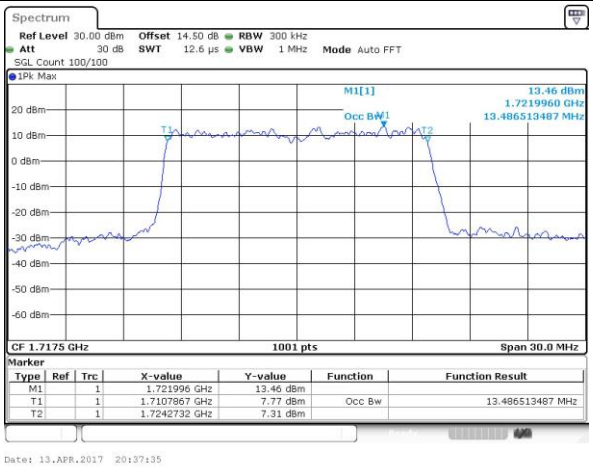


Highest Channel / 10MHz / 16QAM

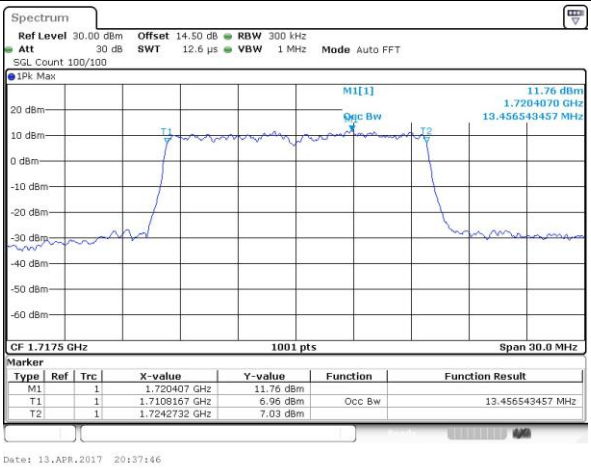


LTE Band 4

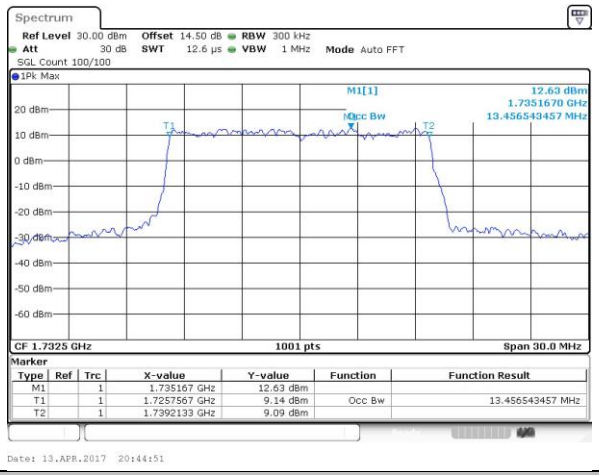
Lowest Channel / 15MHz / QPSK



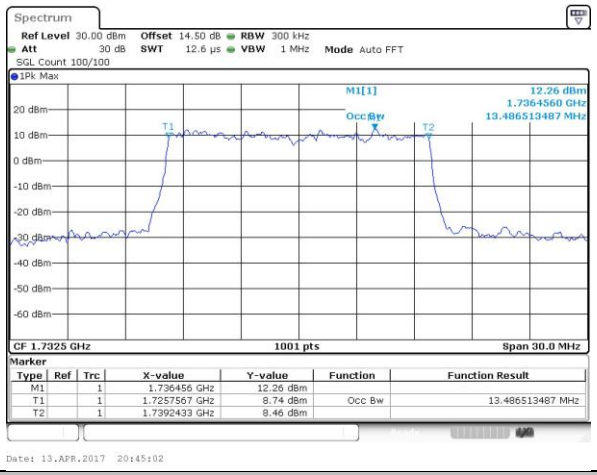
Lowest Channel / 15MHz / 16QAM



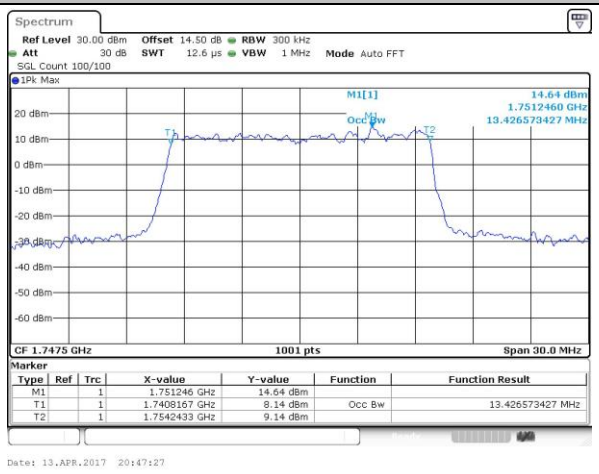
Middle Channel / 15MHz / QPSK



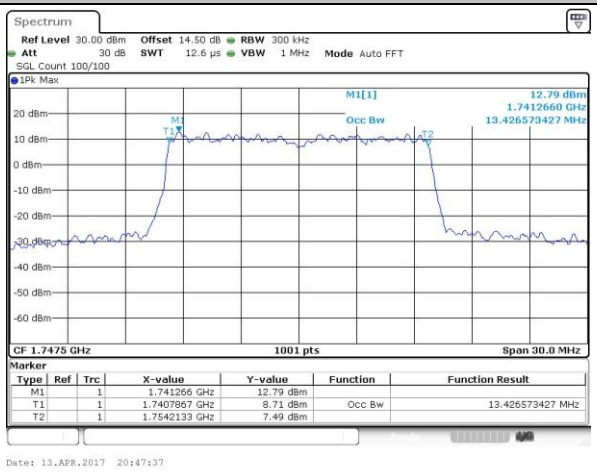
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

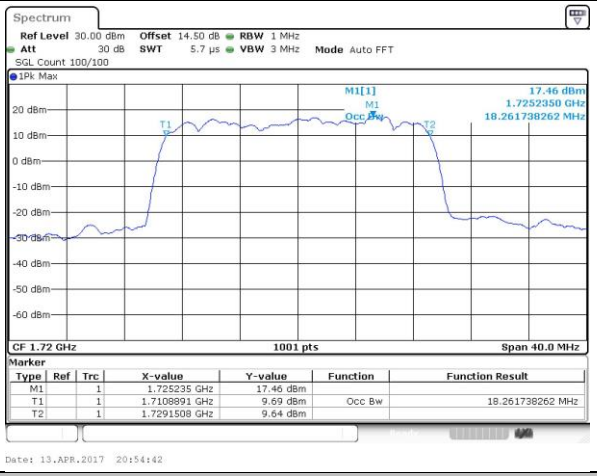


Highest Channel / 15MHz / 16QAM

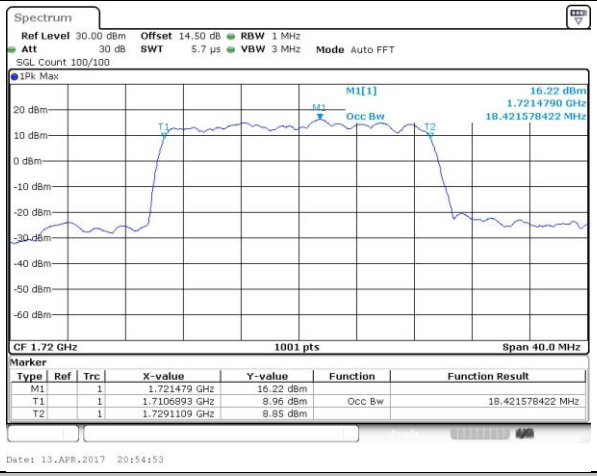


LTE Band 4

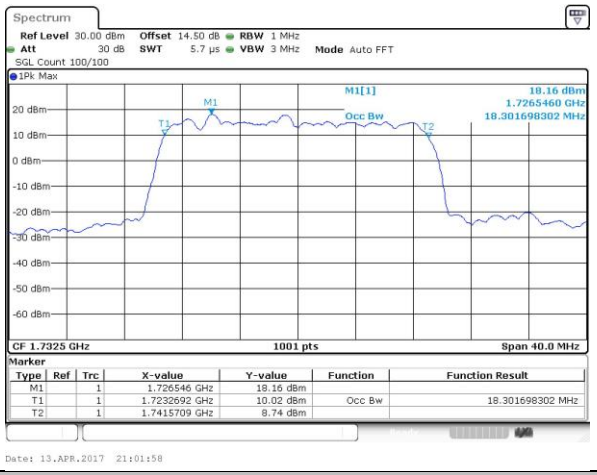
Lowest Channel / 20MHz / QPSK



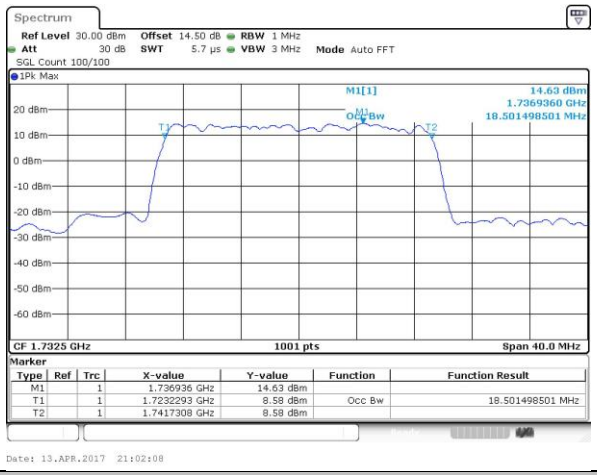
Lowest Channel / 20MHz / 16QAM



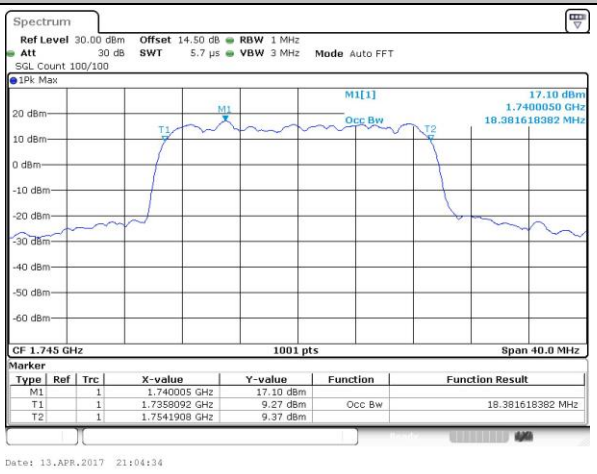
Middle Channel / 20MHz / QPSK



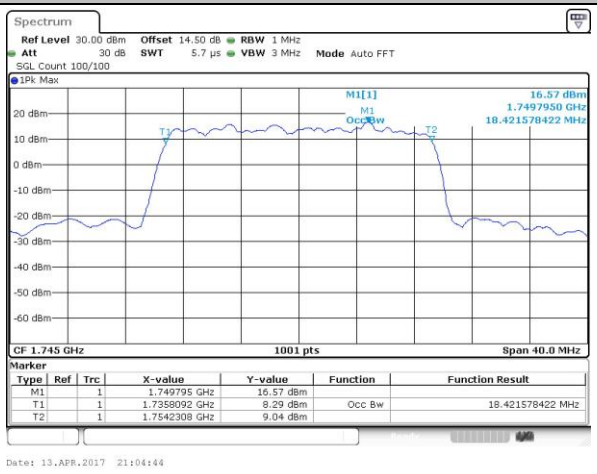
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

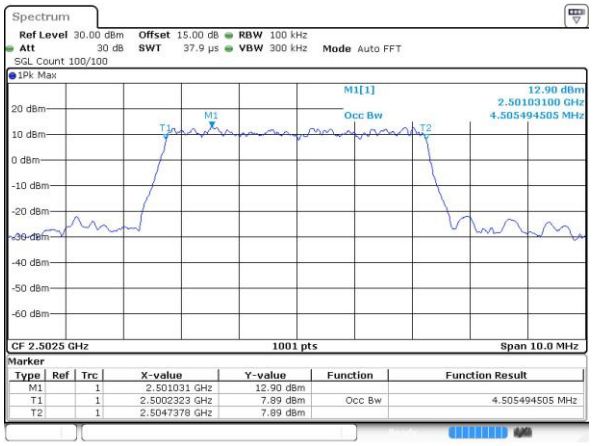


Highest Channel / 20MHz / 16QAM



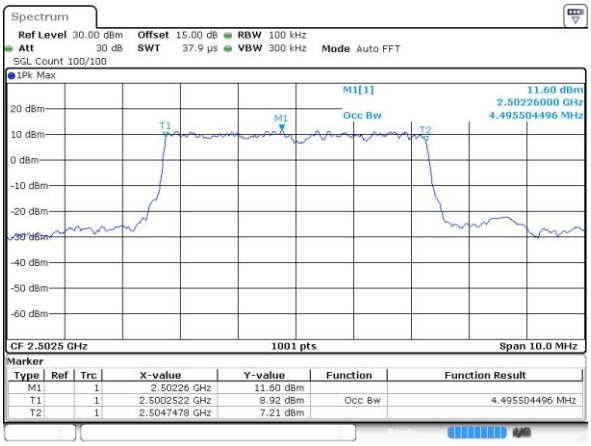
LTE Band 7

Lowest Channel / 5MHz / QPSK



Date: 25.APR.2017 15:41:54

Lowest Channel / 5MHz / 16QAM



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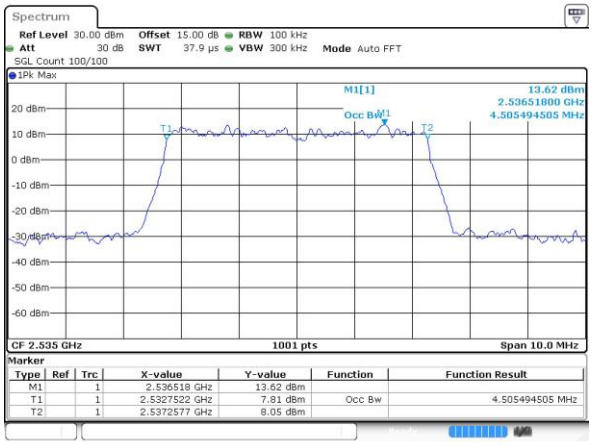
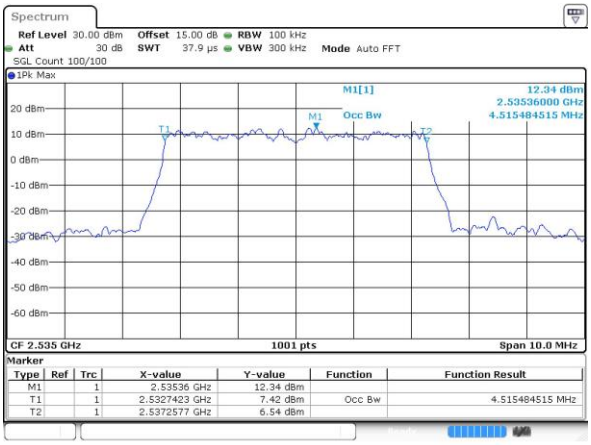
Middle Channel / 5MHz / QPSK



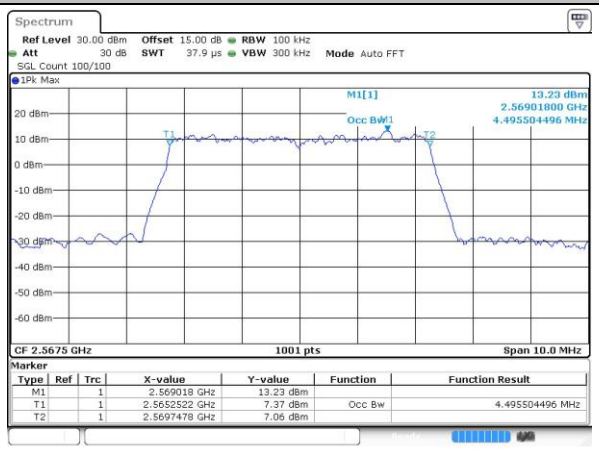
Date: 25.APR.2017 15:48:55

Middle Channel / 5MHz / 16QAM



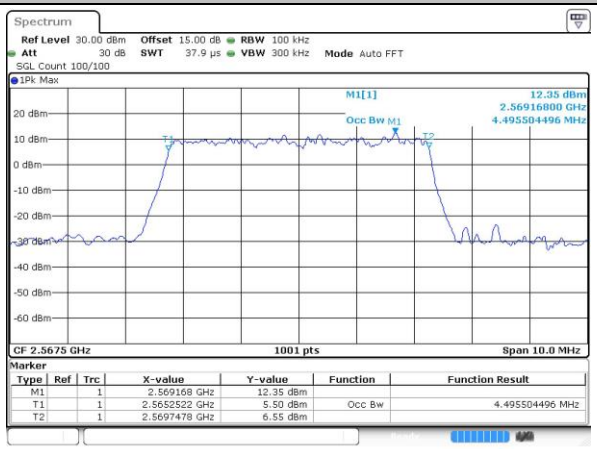
Date: 25.APR.2017 15:49:05

Highest Channel / 5MHz / QPSK



Date: 25.APR.2017 15:51:22

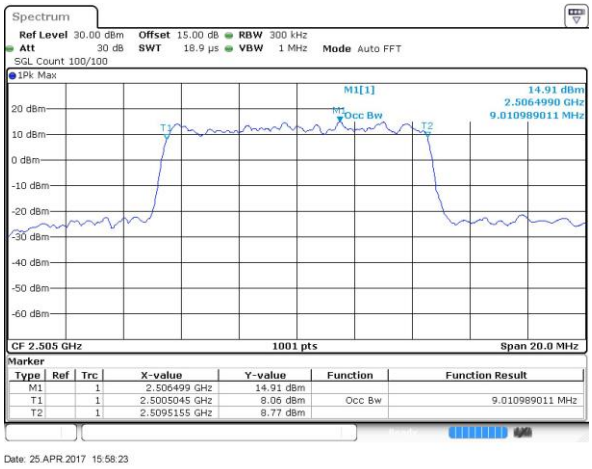
Highest Channel / 5MHz / 16QAM



Date: 25.APR.2017 15:51:32

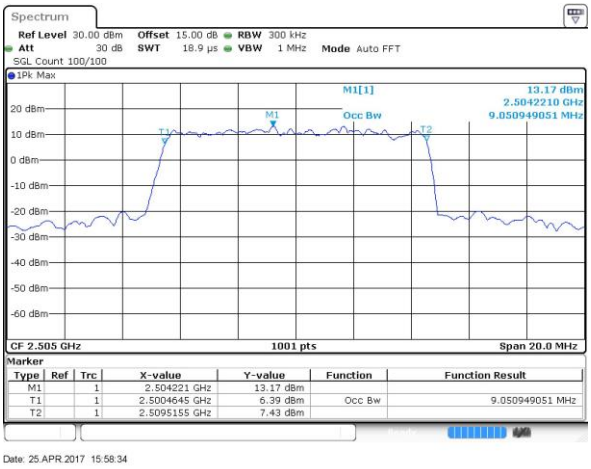
LTE Band 7

Lowest Channel / 10MHz / QPSK



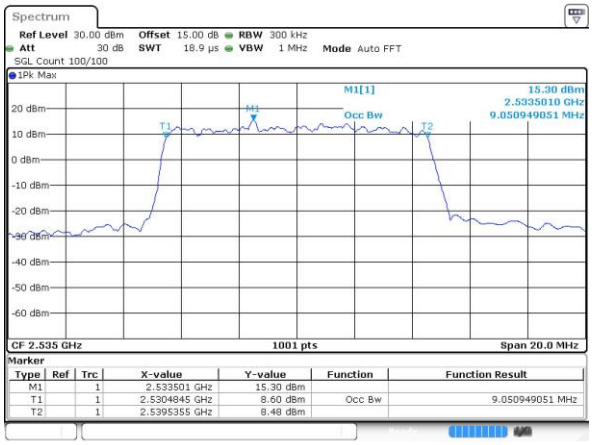
Date: 25.APR.2017 15:58:23

Lowest Channel / 10MHz / 16QAM



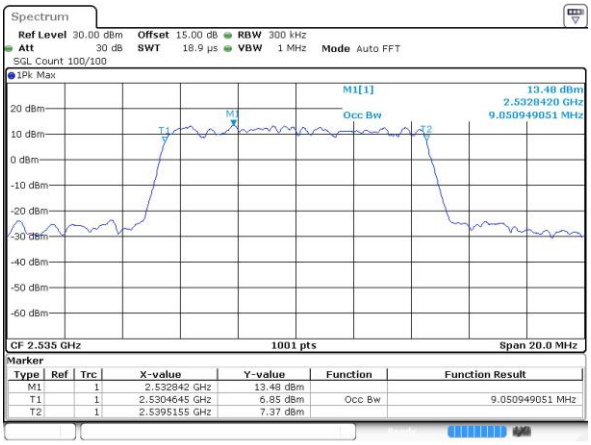
Date: 25.APR.2017 15:58:34

Middle Channel / 10MHz / QPSK



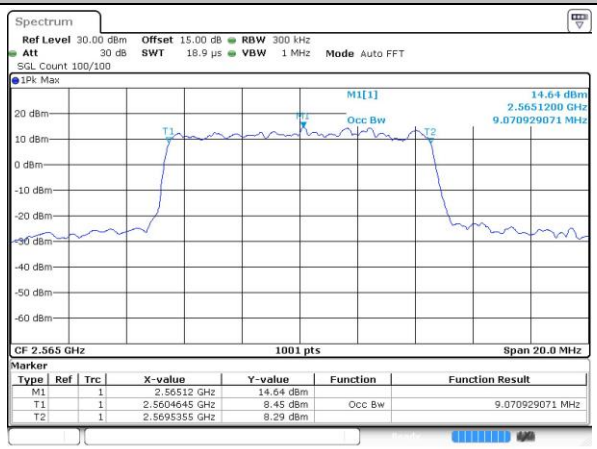
Date: 25.APR.2017 16:05:25

Middle Channel / 10MHz / 16QAM



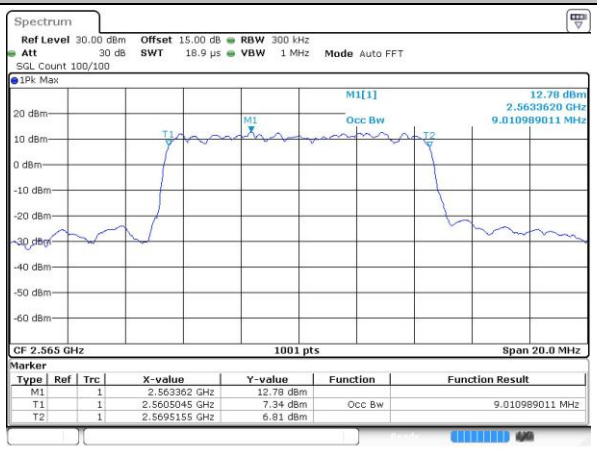
Date: 25.APR.2017 16:05:35

Highest Channel / 10MHz / QPSK



Date: 25.APR.2017 16:07:51

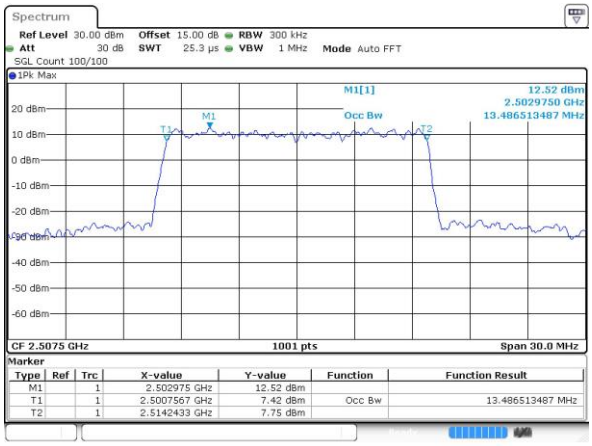
Highest Channel / 10MHz / 16QAM



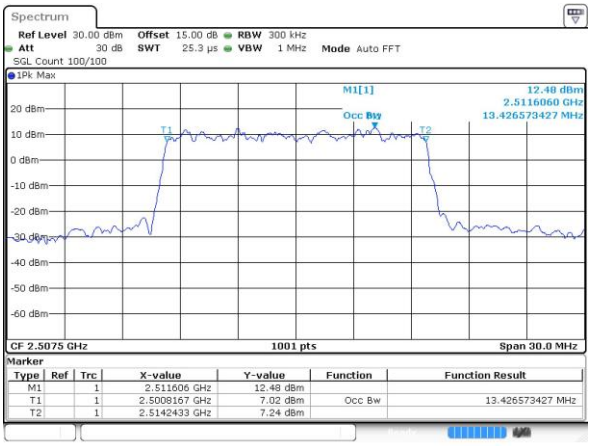
Date: 25.APR.2017 16:08:01

LTE Band 7

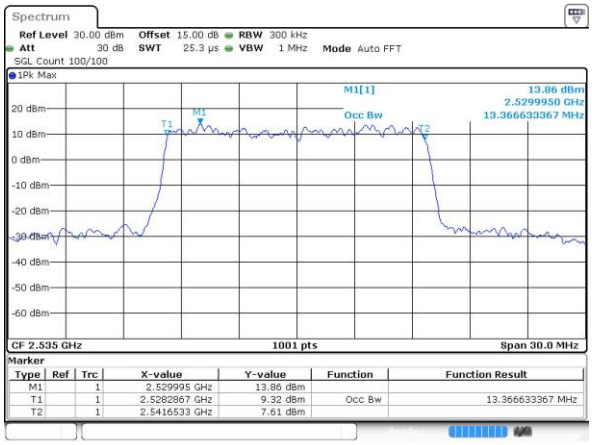
Lowest Channel / 15MHz / QPSK



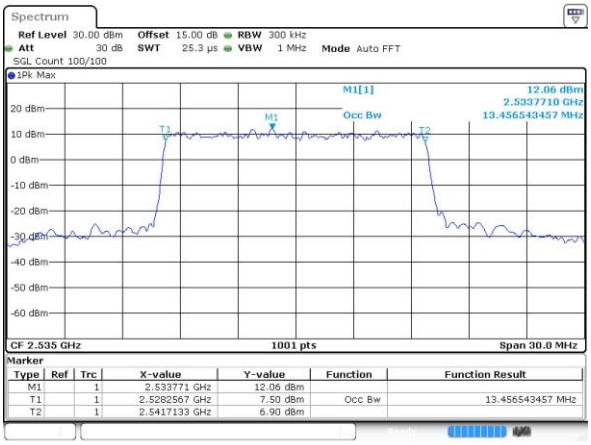
Lowest Channel / 15MHz / 16QAM



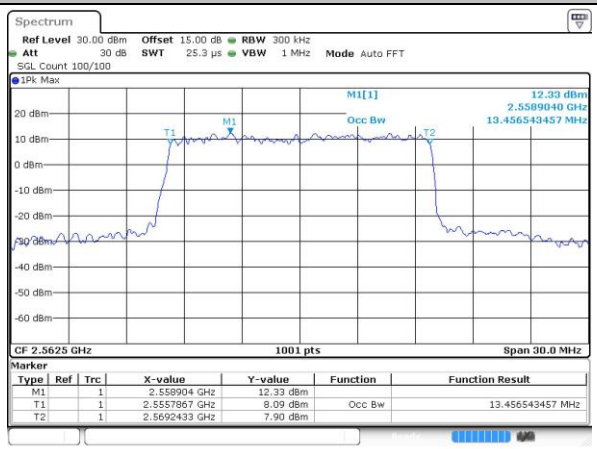
Middle Channel / 15MHz / QPSK



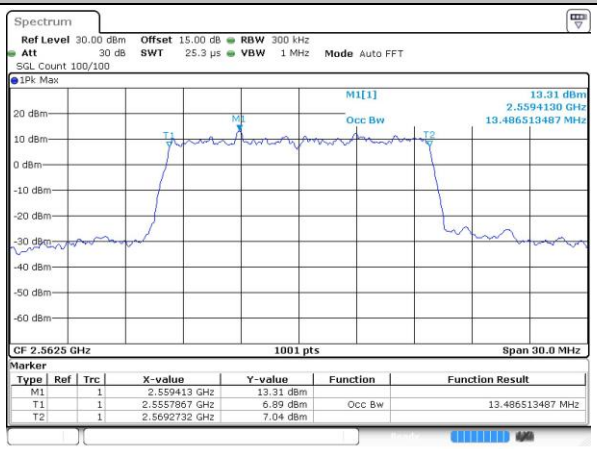
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

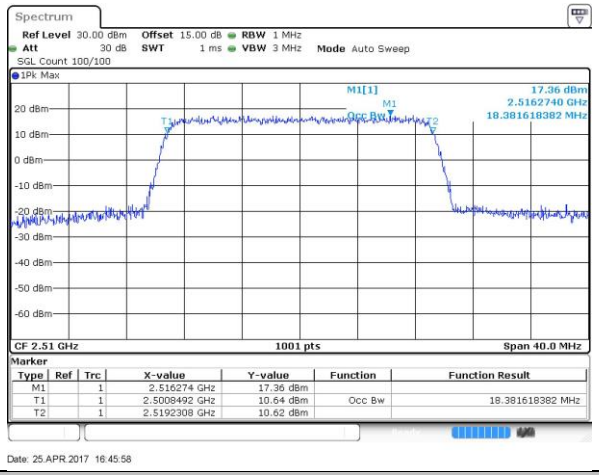


Highest Channel / 15MHz / 16QAM

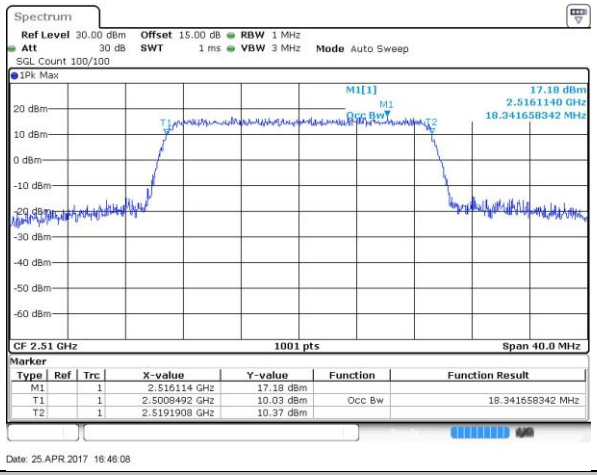


LTE Band 7

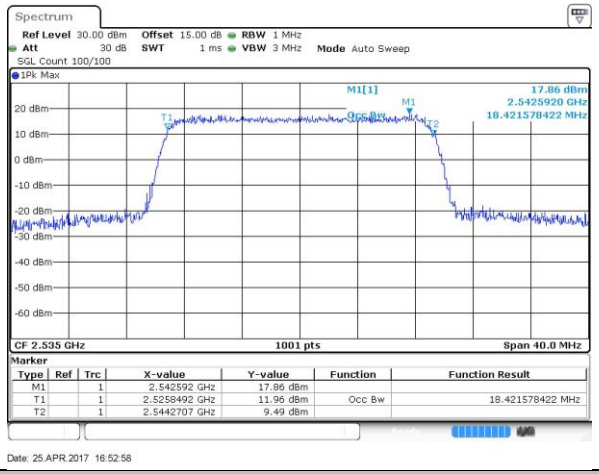
Lowest Channel / 20MHz / QPSK



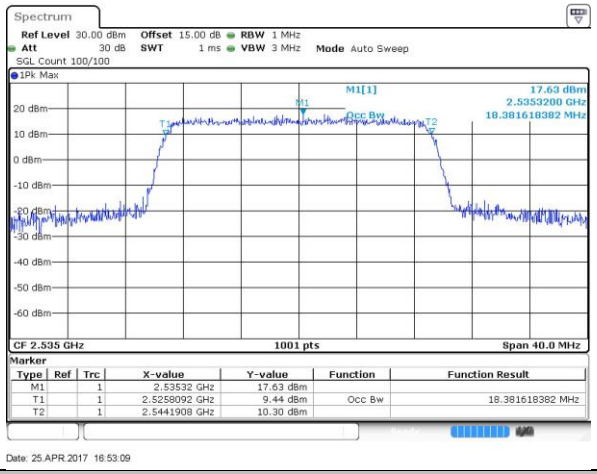
Lowest Channel / 20MHz / 16QAM



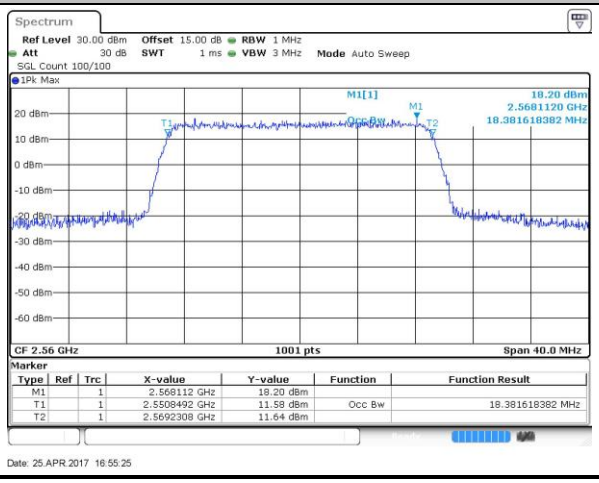
Middle Channel / 20MHz / QPSK



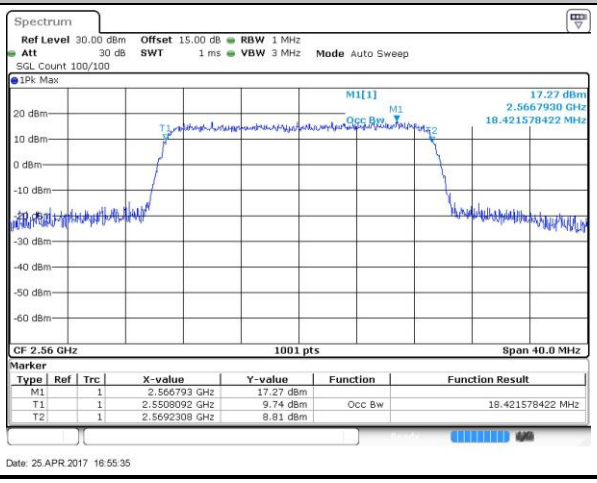
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



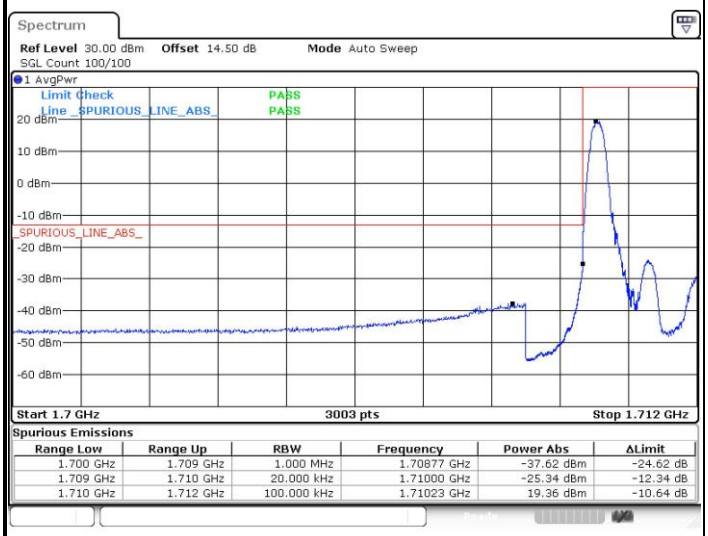
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

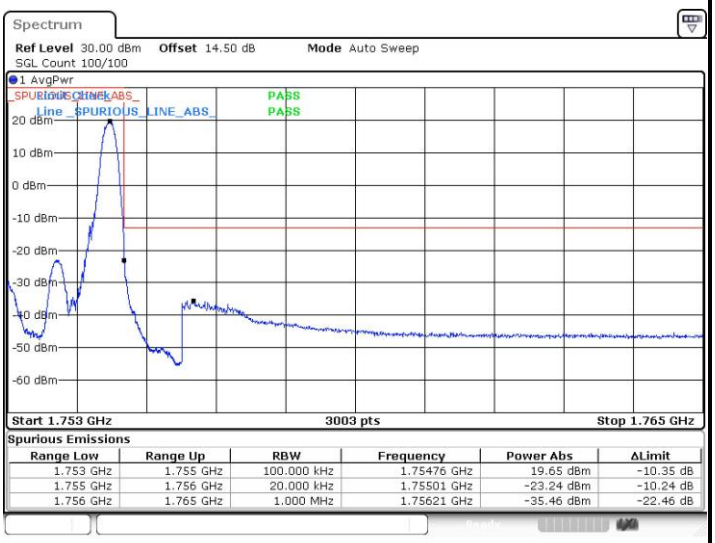


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70877 GHz	-37.62 dBm	-24.62 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-25.34 dBm	-12.34 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71023 GHz	19.36 dBm	-10.64 dB

Date: 13.APR.2017 19:30:49

Highest Band Edge / 1RB

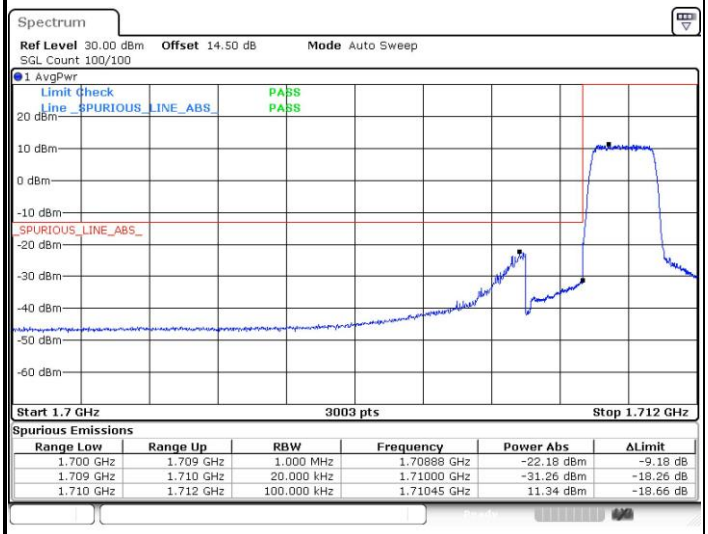


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	19.65 dBm	-10.35 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75501 GHz	-23.24 dBm	-10.24 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75621 GHz	-35.46 dBm	-22.46 dB

Date: 13.APR.2017 19:40:40

Lowest Band Edge / Full RB

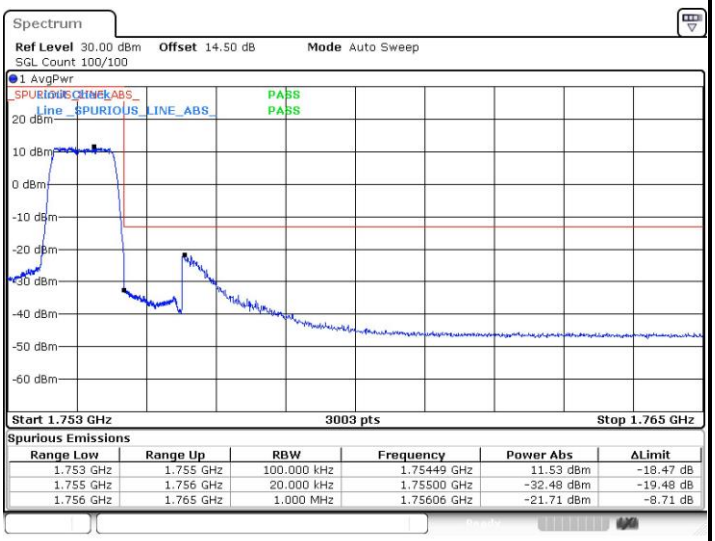


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70888 GHz	-22.18 dBm	-9.18 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-31.26 dBm	-18.26 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71045 GHz	11.34 dBm	-18.66 dB

Date: 13.APR.2017 19:33:09

Highest Band Edge / Full RB



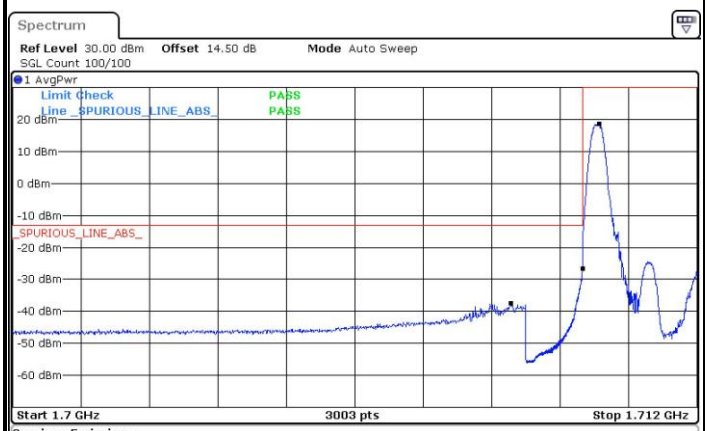
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75449 GHz	11.53 dBm	-18.47 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-32.48 dBm	-19.48 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75606 GHz	-21.71 dBm	-8.71 dB

Date: 13.APR.2017 19:43:01

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

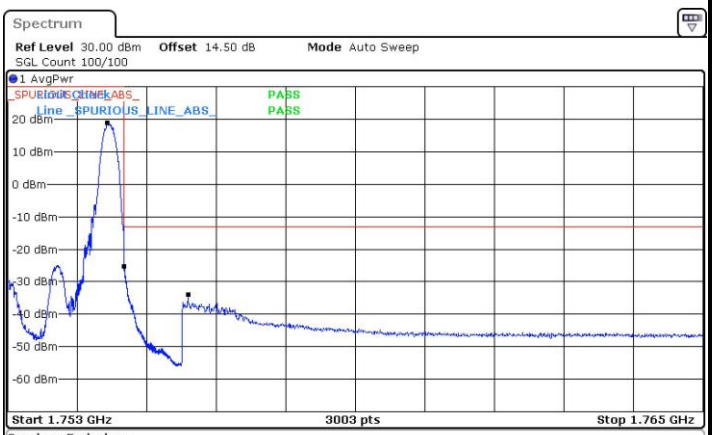


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70873 GHz	-37.48 dBm	-24.48 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.70999 GHz	-26.63 dBm	-13.63 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71028 GHz	18.69 dBm	-11.31 dB

Date: 13.APR.2017 19:31:59

Highest Band Edge / 1 RB

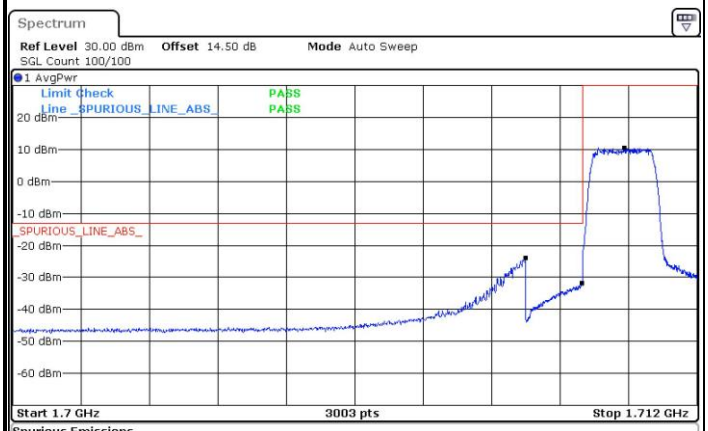


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75472 GHz	18.87 dBm	-11.13 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75501 GHz	-25.20 dBm	-12.20 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75611 GHz	-34.00 dBm	-21.00 dB

Date: 13.APR.2017 19:41:50

Lowest Band Edge / Full RB

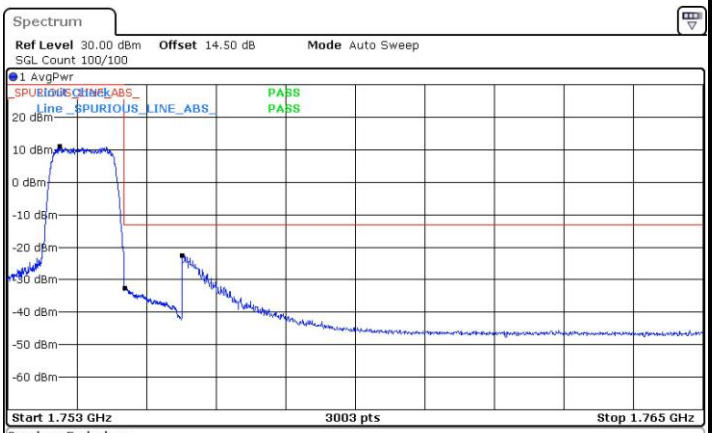


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-23.92 dBm	-10.92 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.70998 GHz	-31.91 dBm	-18.91 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71072 GHz	10.55 dBm	-19.45 dB

Date: 13.APR.2017 19:34:20

Highest Band Edge / Full RB



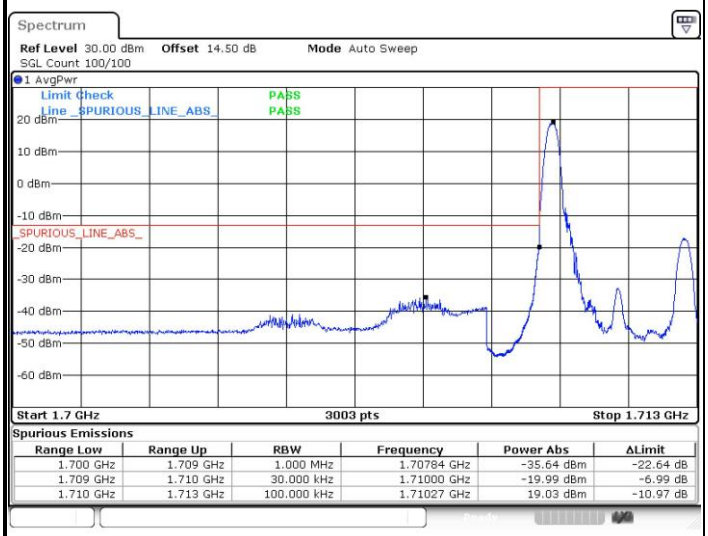
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75390 GHz	10.94 dBm	-19.06 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75502 GHz	-32.53 dBm	-19.53 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-22.54 dBm	-9.54 dB

Date: 13.APR.2017 19:44:11

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

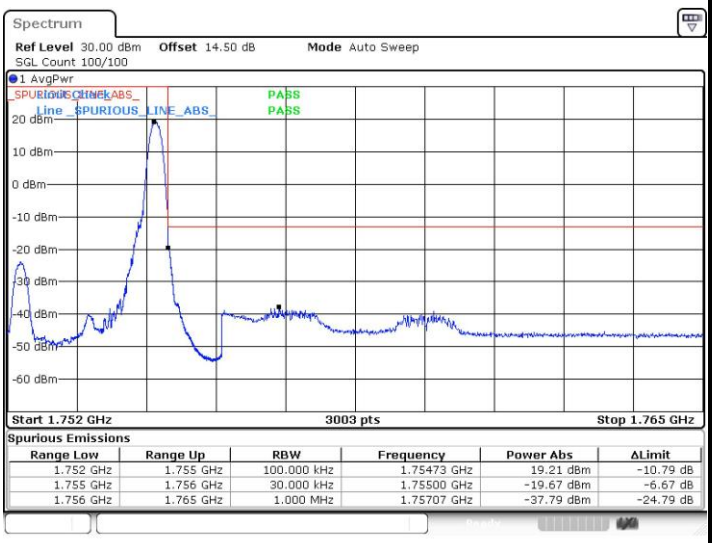


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70784 GHz	-35.64 dBm	-22.64 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-19.99 dBm	-6.99 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71027 GHz	19.03 dBm	-10.97 dB

Date: 13.APR.2017 19:47:56

Highest Band Edge / 1 RB

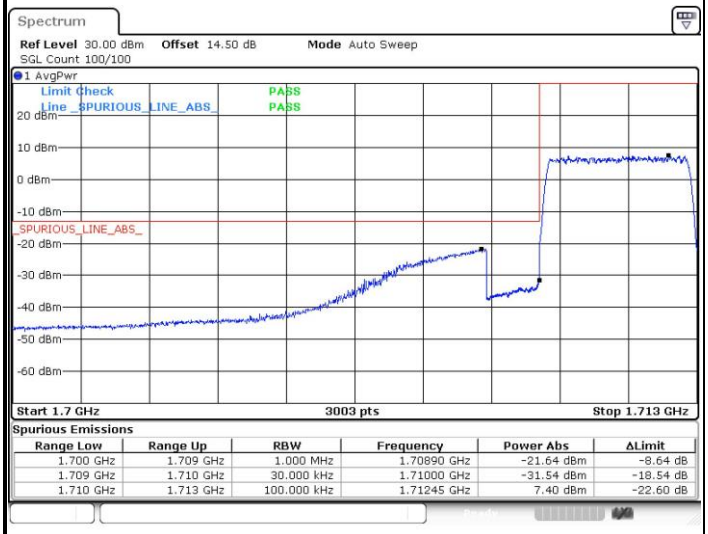


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75473 GHz	19.21 dBm	-10.79 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-19.67 dBm	-6.67 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75707 GHz	-37.79 dBm	-24.79 dB

Date: 13.APR.2017 19:57:47

Lowest Band Edge / Full RB

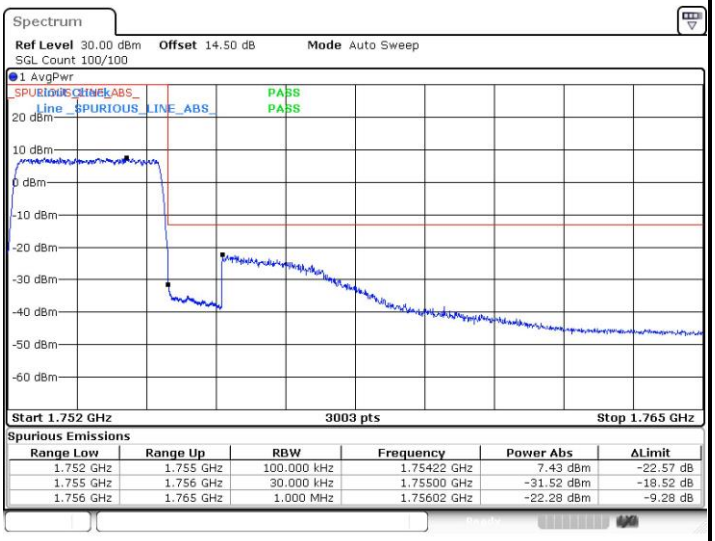


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-21.64 dBm	-8.64 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-31.54 dBm	-18.54 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71245 GHz	7.40 dBm	-22.60 dB

Date: 13.APR.2017 19:50:16

Highest Band Edge / Full RB



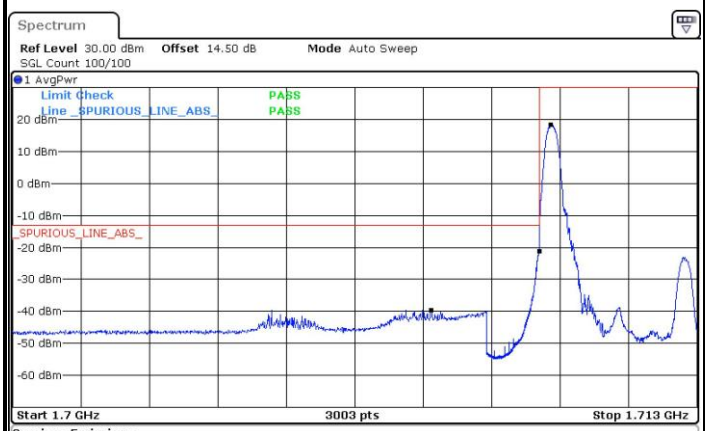
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75422 GHz	7.43 dBm	-22.57 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-31.52 dBm	-18.52 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-22.28 dBm	-9.28 dB

Date: 13.APR.2017 20:00:07

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

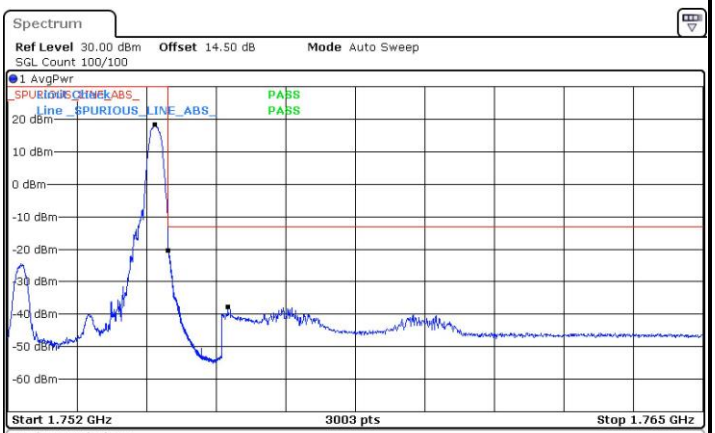


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70794 GHz	-39.59 dBm	-26.59 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-21.12 dBm	-8.12 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71022 GHz	18.48 dBm	-11.52 dB

Date: 13.APR.2017 19:49:06

Highest Band Edge /1 RB

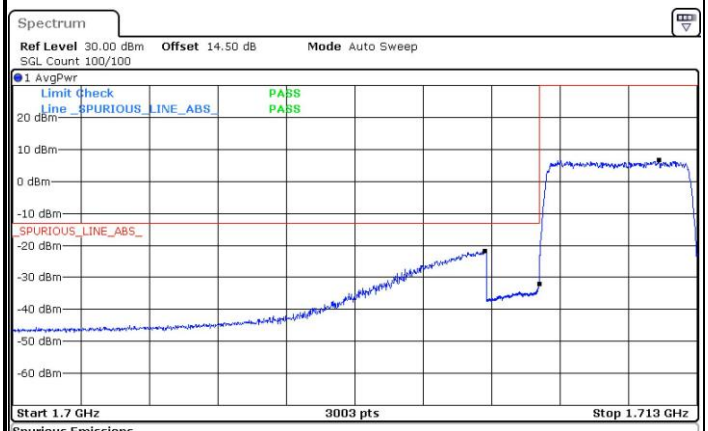


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	18.34 dBm	-11.66 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-20.30 dBm	-7.30 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75612 GHz	-37.83 dBm	-24.83 dB

Date: 13.APR.2017 19:58:57

Lowest Band Edge / Full RB

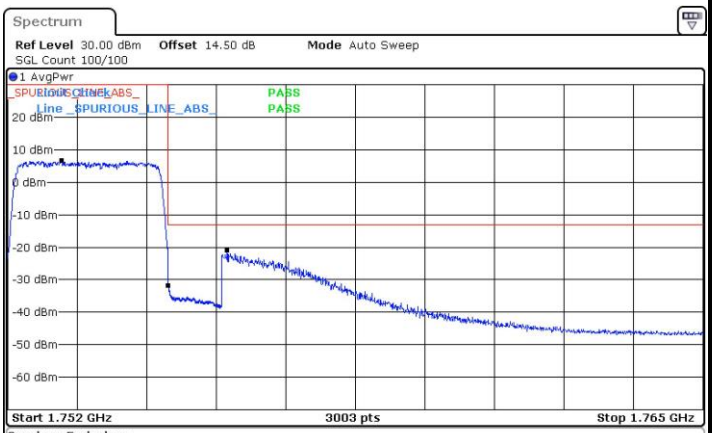


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-21.63 dBm	-8.63 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-32.15 dBm	-19.15 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71227 GHz	6.58 dBm	-23.42 dB

Date: 13.APR.2017 19:51:26

Highest Band Edge / Full RB



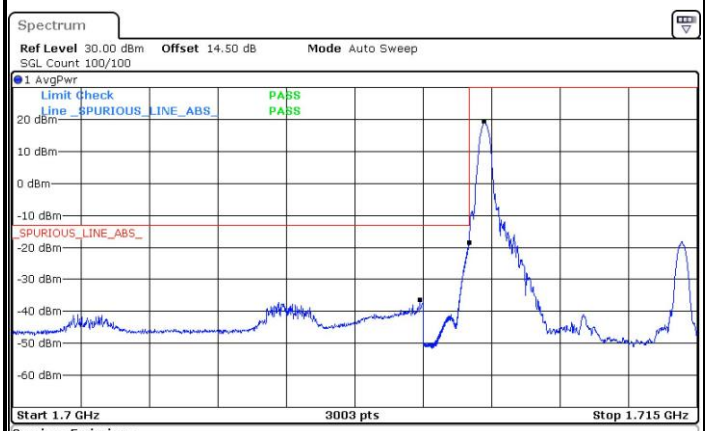
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75301 GHz	6.79 dBm	-23.21 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-31.84 dBm	-18.84 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-21.06 dBm	-8.06 dB

Date: 13.APR.2017 20:01:17

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

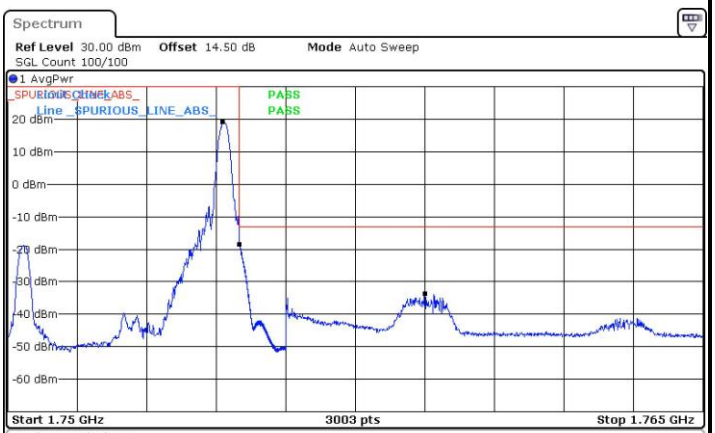


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-36.50 dBm	-23.50 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-18.50 dBm	-5.50 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71034 GHz	19.42 dBm	-10.58 dB

Date: 13.APR.2017 20:05:02

Highest Band Edge / 1 RB

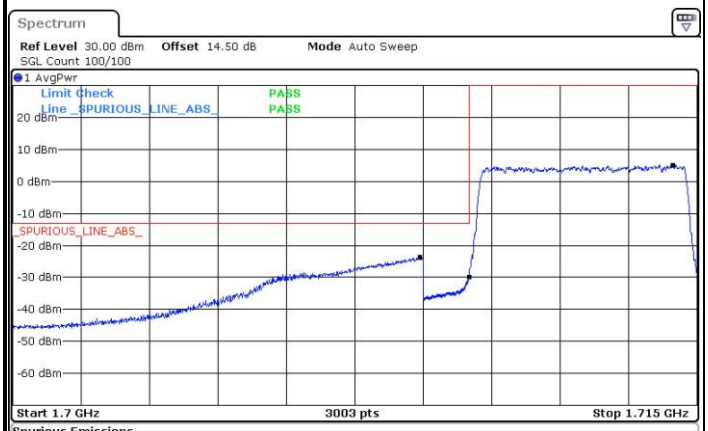


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75464 GHz	19.12 dBm	-10.88 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-18.56 dBm	-5.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75901 GHz	-33.73 dBm	-20.73 dB

Date: 13.APR.2017 20:14:54

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	-23.69 dBm	-10.69 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-29.94 dBm	-16.94 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71446 GHz	5.13 dBm	-24.87 dB

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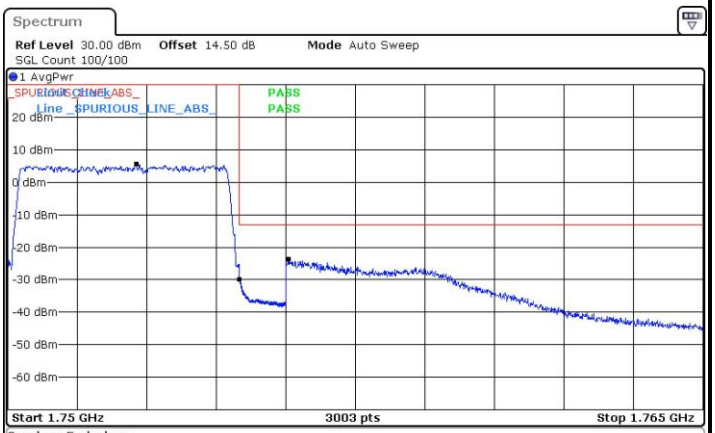
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75276 GHz	5.50 dBm	-24.50 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-30.01 dBm	-17.01 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75606 GHz	-23.70 dBm	-10.70 dB

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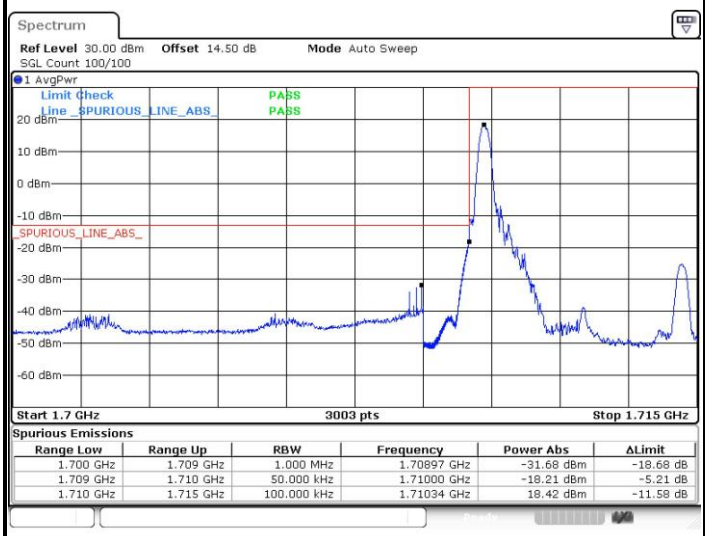
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB

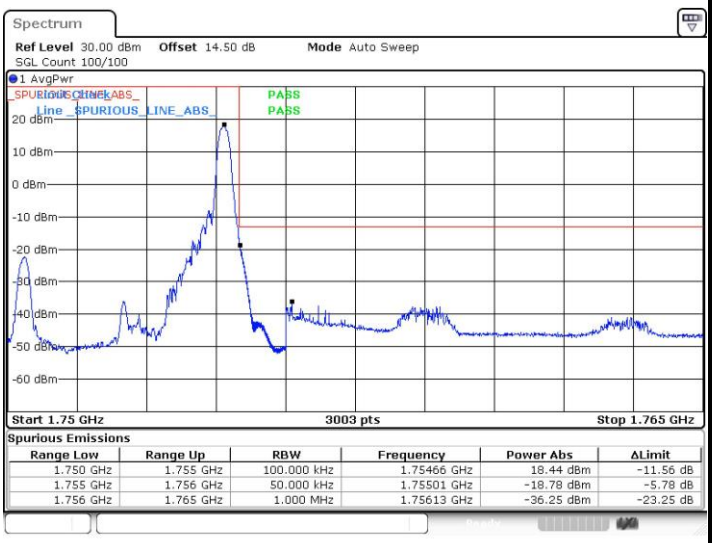


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-31.68 dBm	-18.68 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-18.21 dBm	-5.21 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71034 GHz	18.42 dBm	-11.58 dB

Date: 13.APR.2017 20:06:13

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	1.75466 GHz	18.44 dBm	-11.56 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75501 GHz	-18.78 dBm	-5.78 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75613 GHz	-36.25 dBm	-23.25 dB

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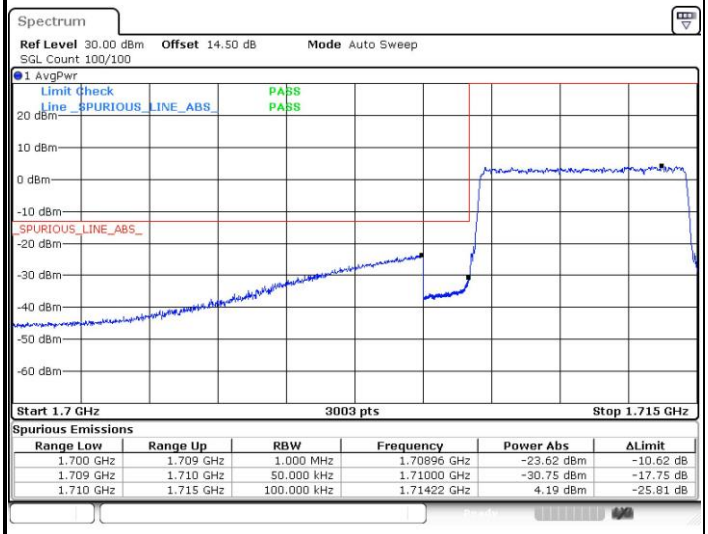
Lowest Band Edge / Full RB

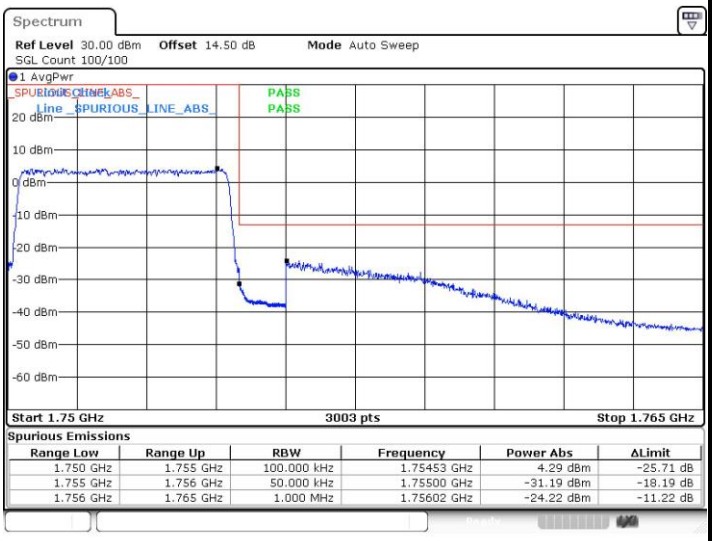


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-23.62 dBm	-10.62 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-30.75 dBm	-17.75 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71422 GHz	4.19 dBm	-25.81 dB

Date: 13.APR.2017 20:08:32

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	1.75453 GHz	4.29 dBm	-25.71 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-31.19 dBm	-18.19 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-24.22 dBm	-11.22 dB

Date: 13.APR.2017 20:18:24