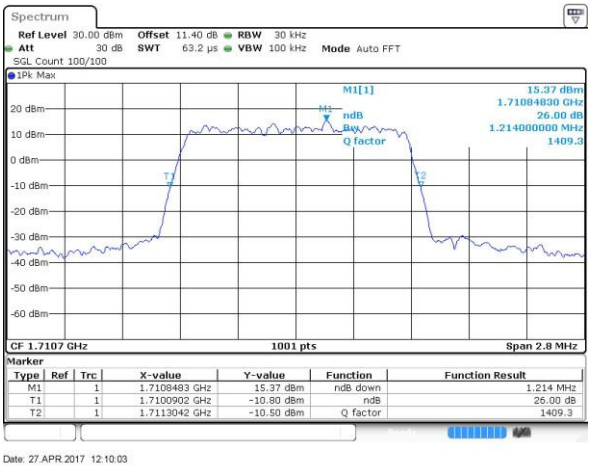
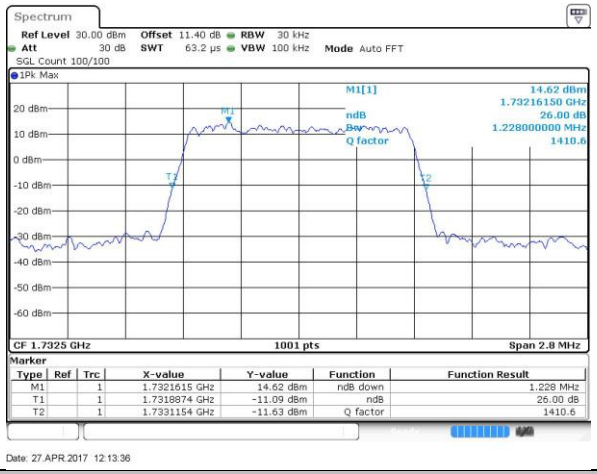
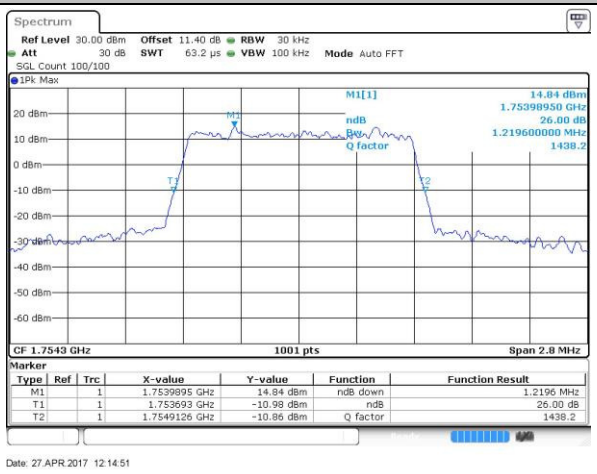
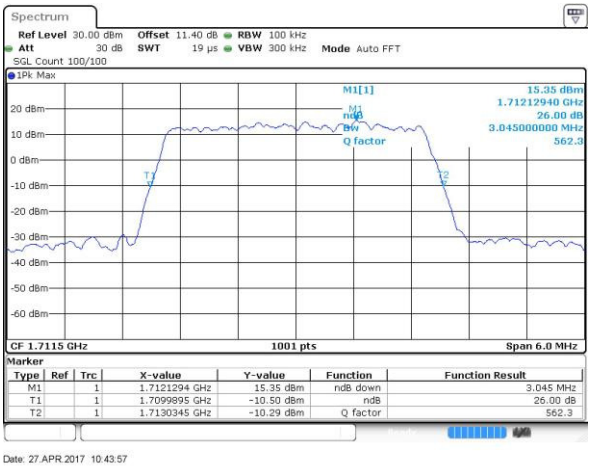
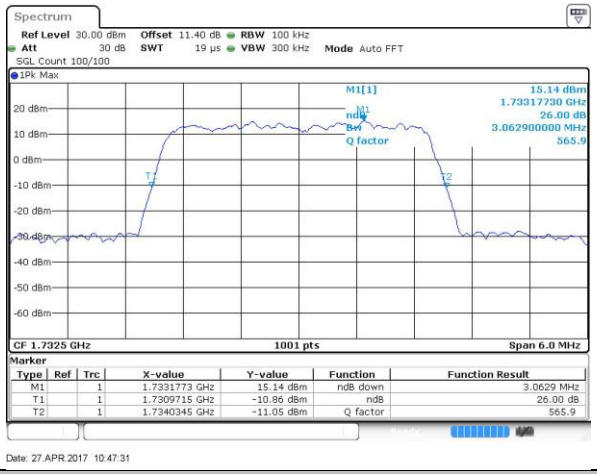
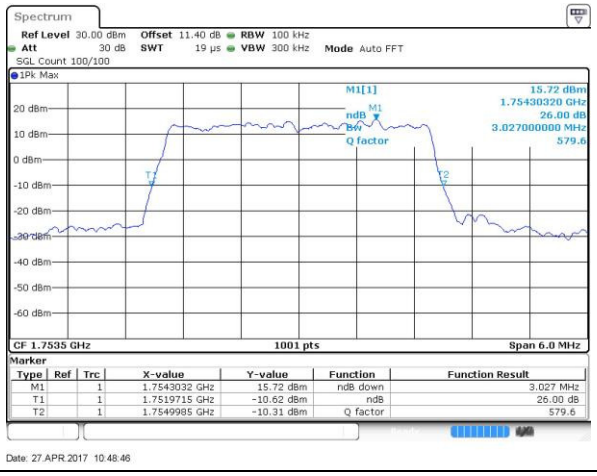
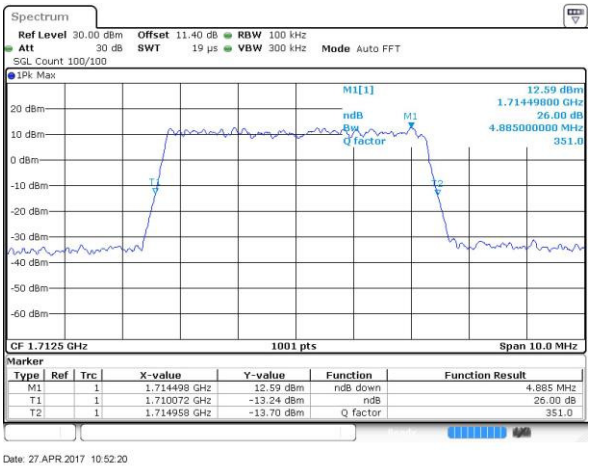
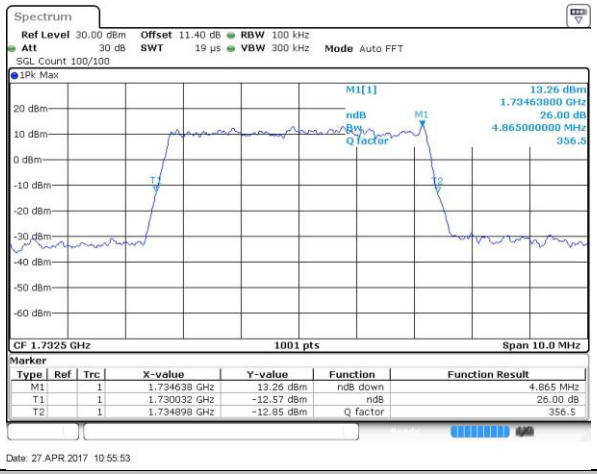
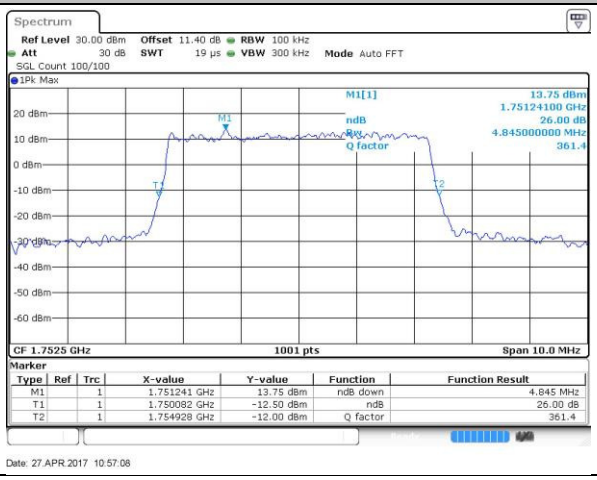
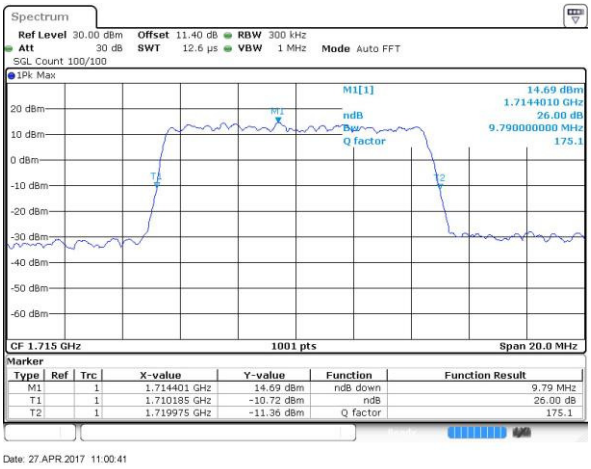
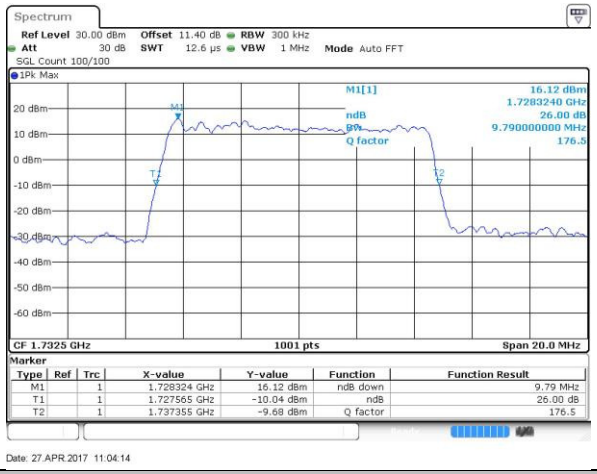
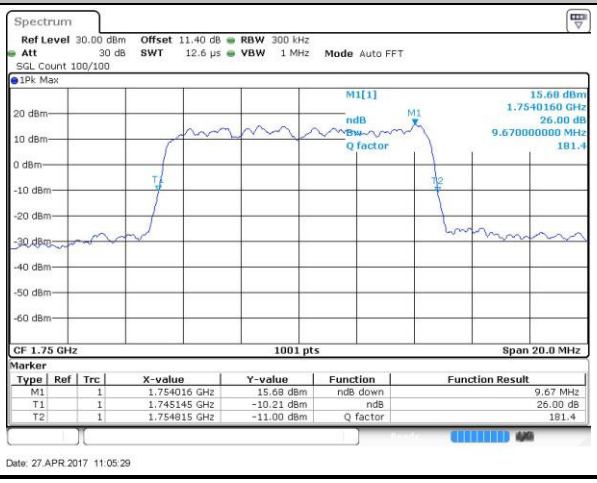
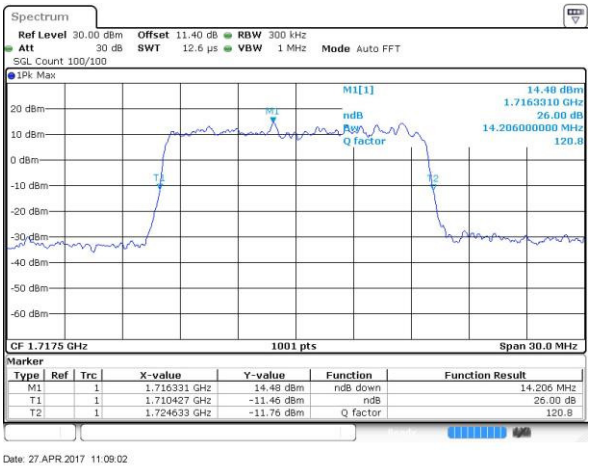
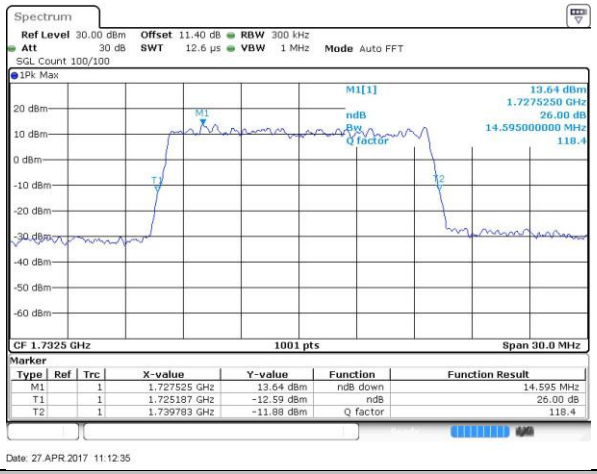
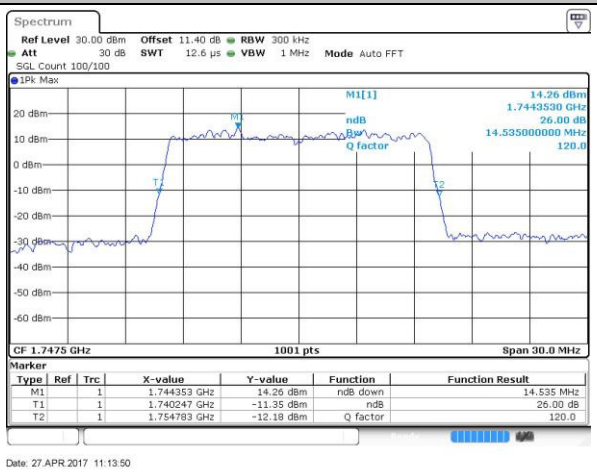
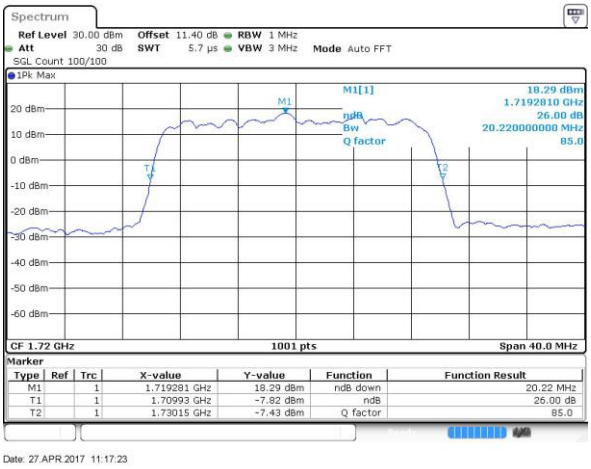
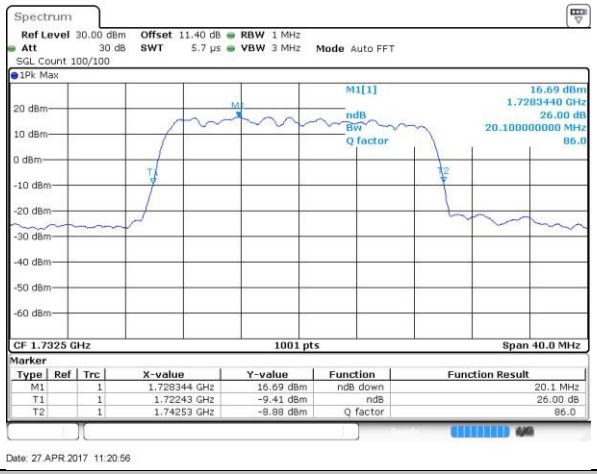
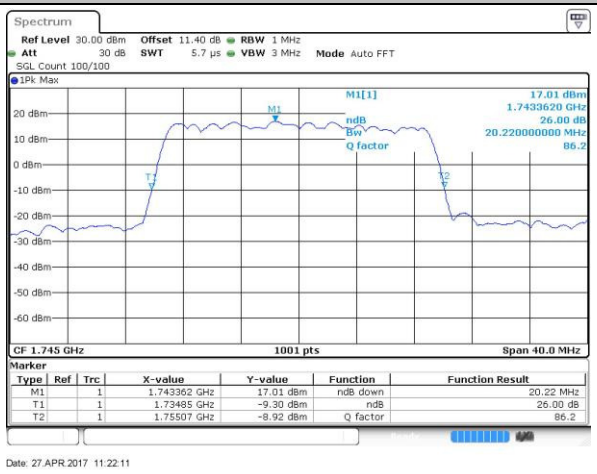
LTE Band 4	
	Lowest Channel / 1.4MHz / 64QAM
	
	Middle Channel / 1.4MHz / 64QAM
	
	Highest Channel / 1.4MHz / 64QAM
	

LTE Band 4	
	Lowest Channel / 3MHz / 64QAM
	
	Middle Channel /3MHz / 64QAM
	
	Highest Channel /3MHz / 64QAM
	

LTE Band 4	
	Lowest Channel / 5MHz / 64QAM
	
	Middle Channel / 5MHz / 64QAM
	
	Highest Channel / 5MHz / 64QAM
	

LTE Band 4	
	Lowest Channel / 10MHz / 64QAM
	
	Middle Channel / 10MHz / 64QAM
	
	Highest Channel / 10MHz / 64QAM
	

LTE Band 4	
	Lowest Channel / 15MHz / 64QAM
	
	Middle Channel / 15MHz / 64QAM
	
	Highest Channel / 15MHz / 64QAM
	

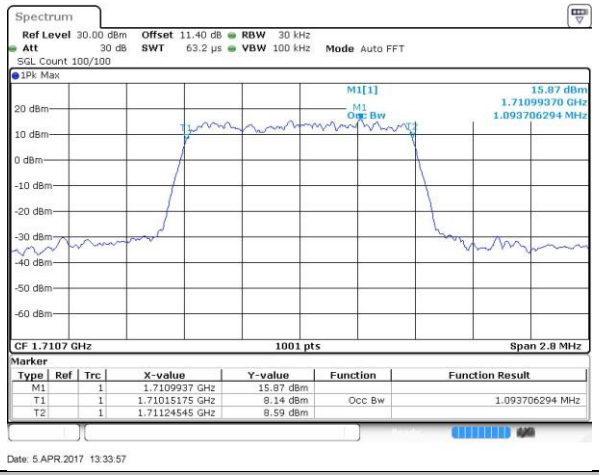
LTE Band 4	
	Lowest Channel / 20MHz / 64QAM
	
	Middle Channel / 20MHz / 64QAM
	
	Highest Channel / 20MHz / 64QAM
	

Occupied Bandwidth

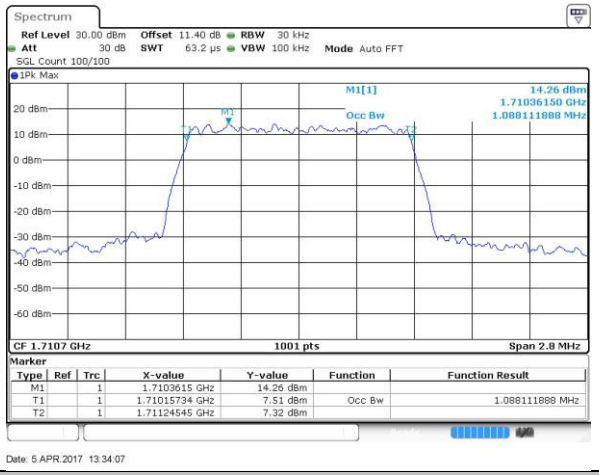
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.71	4.48	4.49	9.07	9.07	13.37	13.4	18.26	18.38
Middle CH	1.09	1.1	2.71	2.71	4.49	4.47	9.03	9.01	13.46	13.4	18.3	18.22
Highest CH	1.1	1.1	2.72	2.7	4.48	4.49	9.05	9.05	13.52	13.43	18.34	18.34
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.09	-	2.71	-	4.49	-	8.95	-	13.49	-	18.42
Middle CH	-	1.09	-	2.72	-	4.48	-	8.97	-	13.46	-	18.22
Highest CH	-	1.09	-	2.72	-	4.49	-	9.07	-	13.55	-	18.3

LTE Band 4

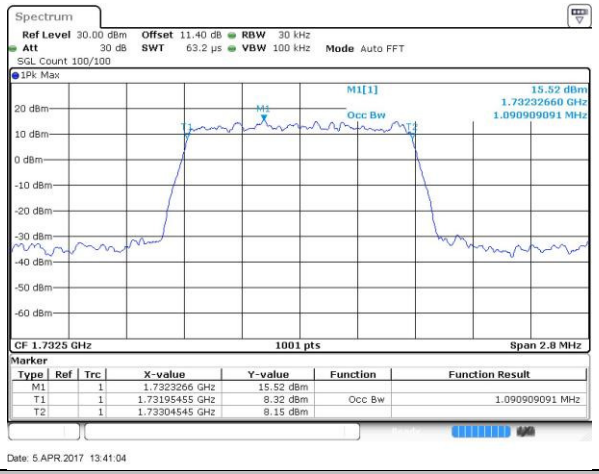
Lowest Channel / 1.4MHz / QPSK



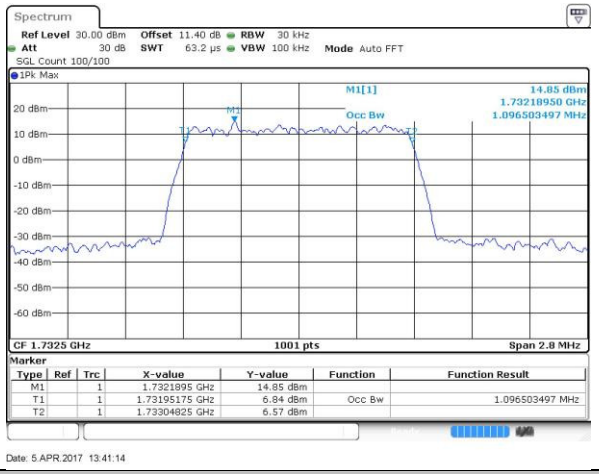
Lowest Channel / 1.4MHz / 16QAM



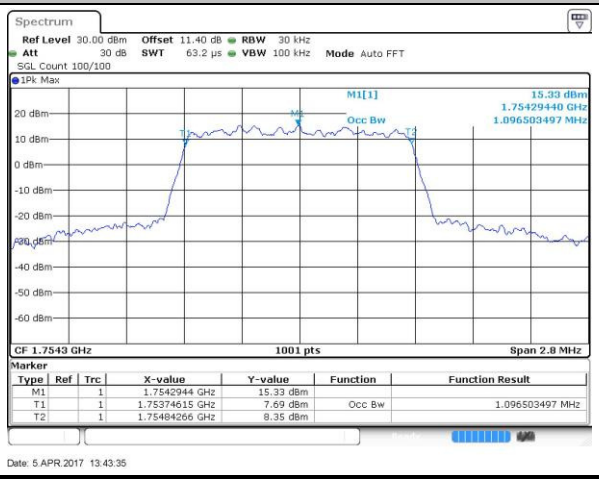
Middle Channel / 1.4MHz / QPSK



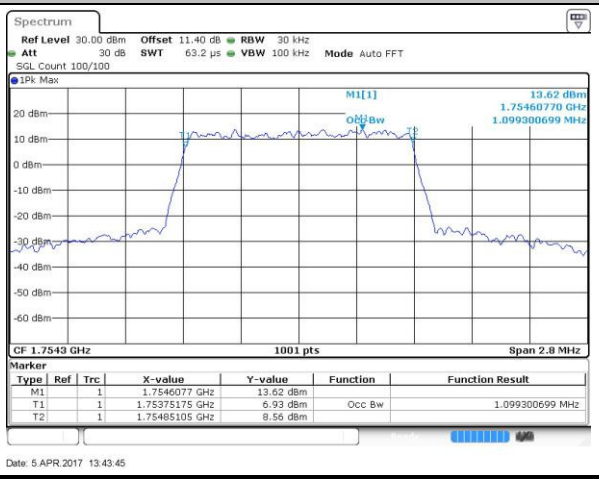
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

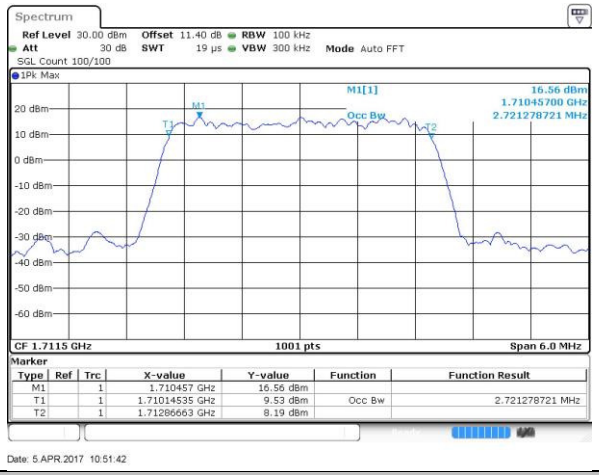


Highest Channel / 1.4MHz / 16QAM

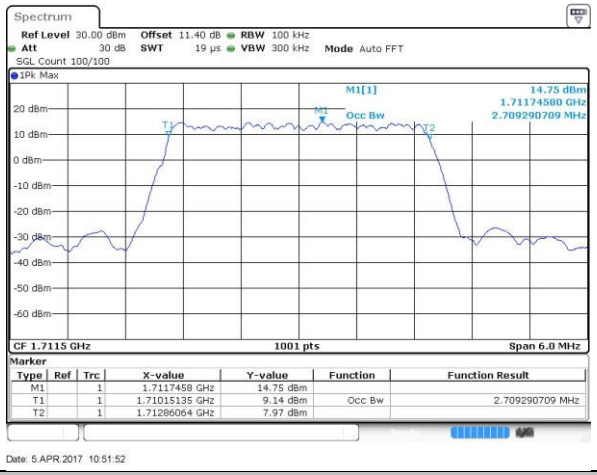


LTE Band 4

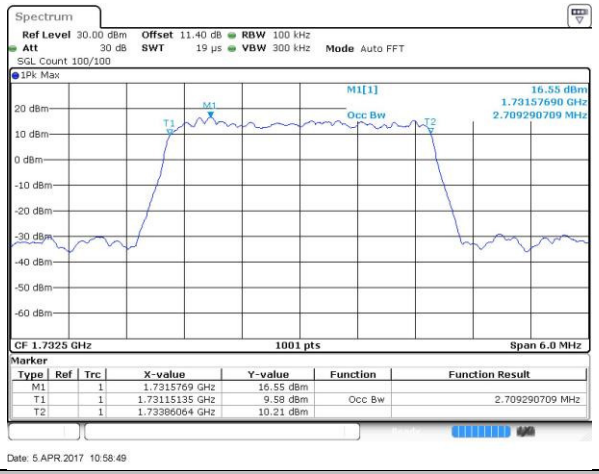
Lowest Channel / 3MHz / QPSK



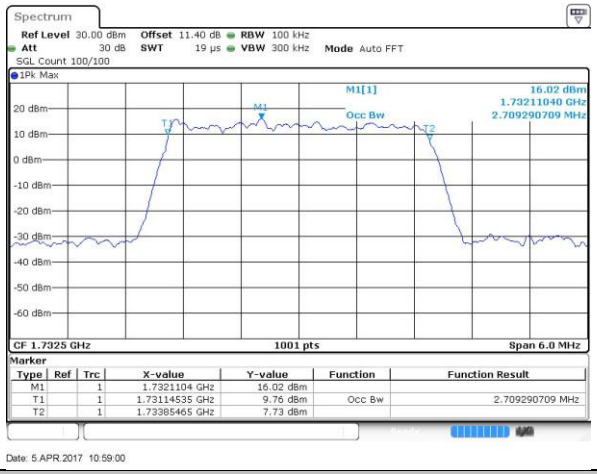
Lowest Channel / 3MHz / 16QAM



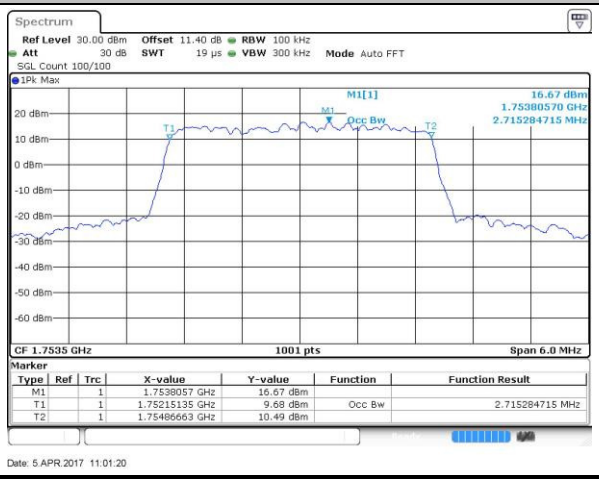
Middle Channel / 3MHz / QPSK



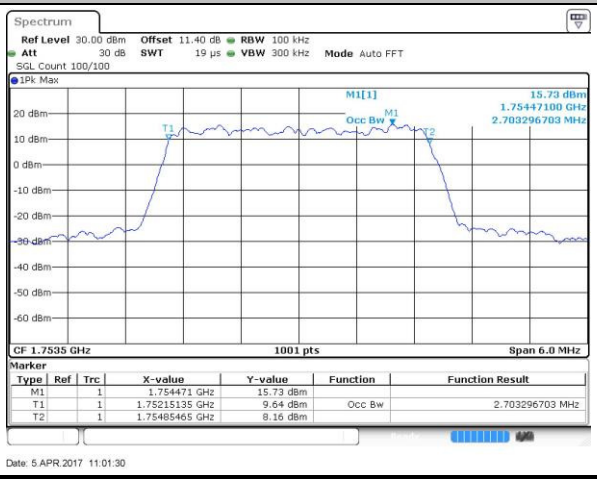
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

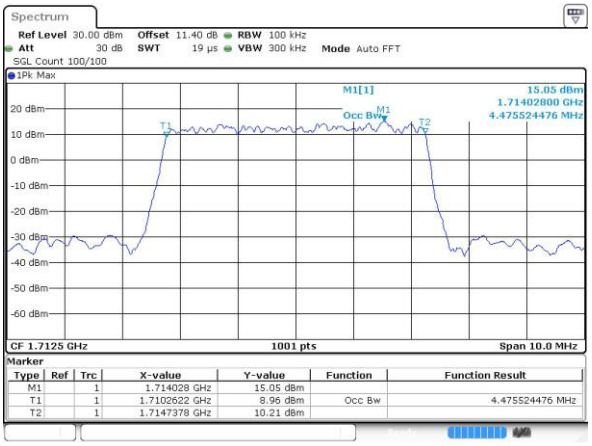


Highest Channel / 3MHz / 16QAM

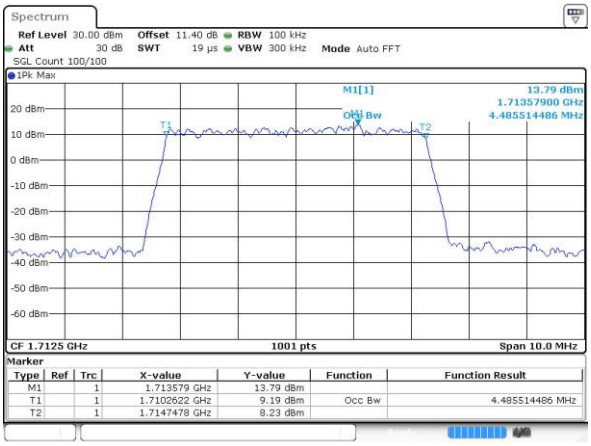


LTE Band 4

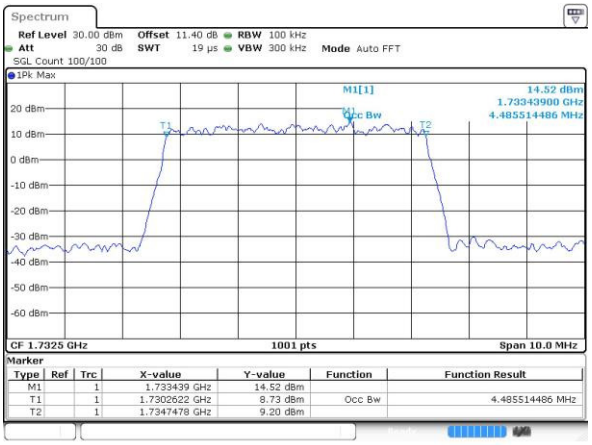
Lowest Channel / 5MHz / QPSK



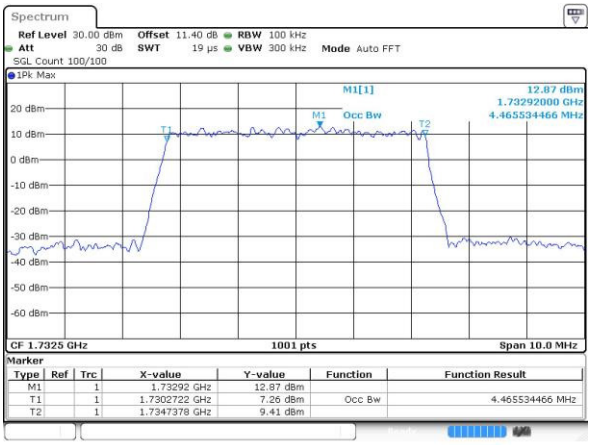
Lowest Channel / 5MHz / 16QAM



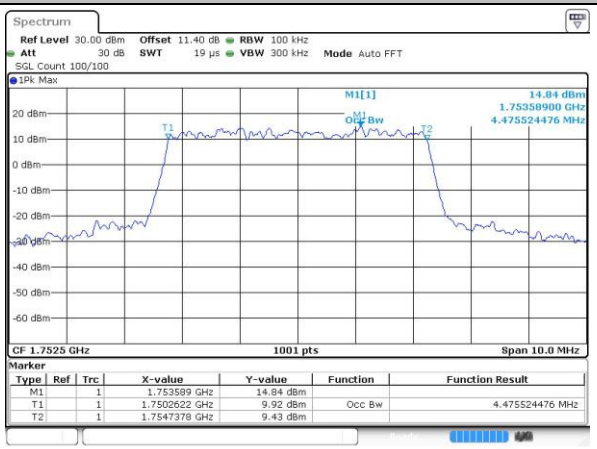
Middle Channel / 5MHz / QPSK



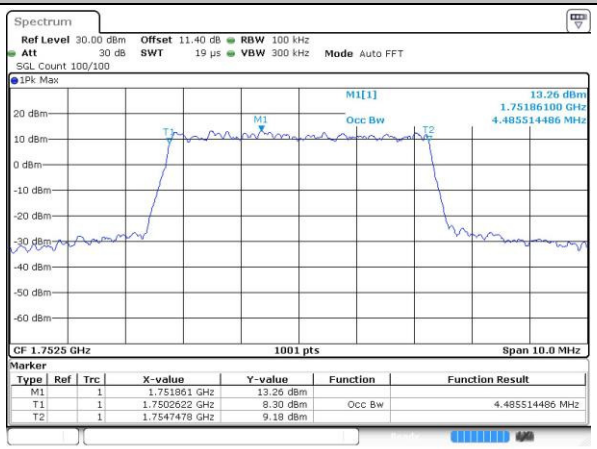
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

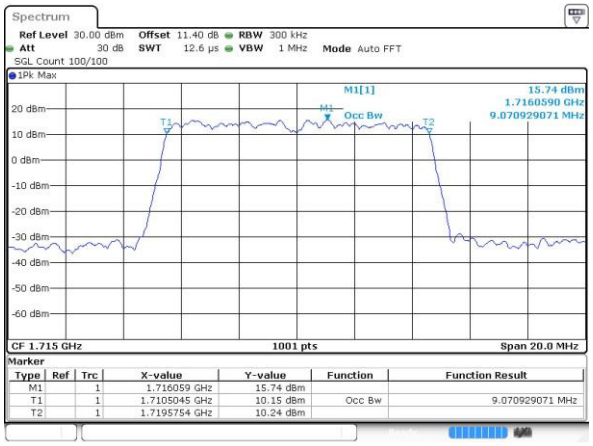


Highest Channel / 5MHz / 16QAM

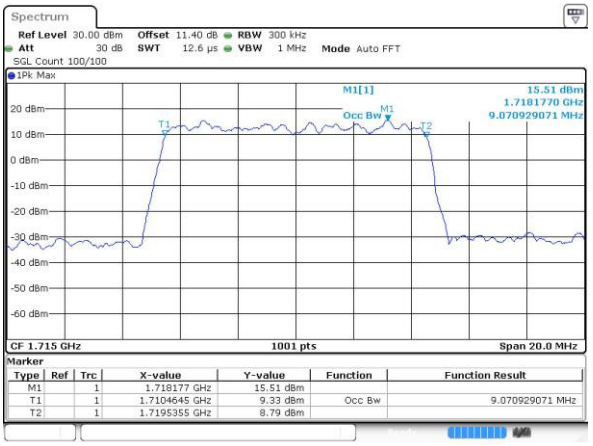


LTE Band 4

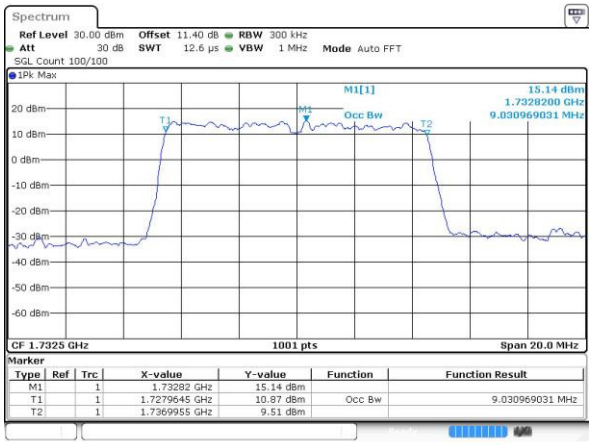
Lowest Channel / 10MHz / QPSK



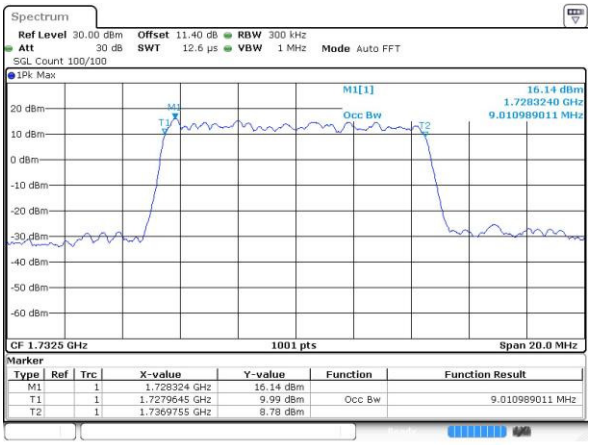
Lowest Channel / 10MHz / 16QAM



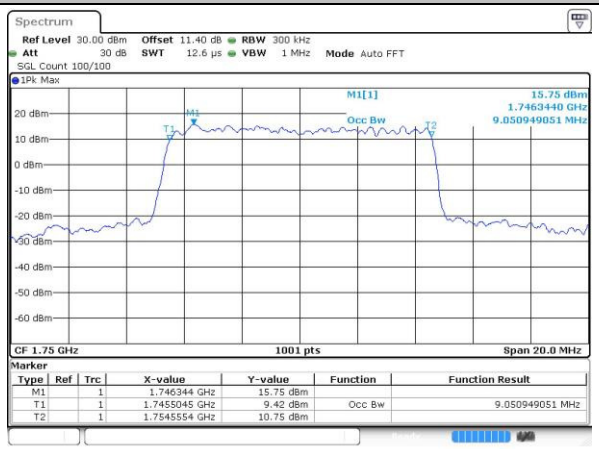
Middle Channel / 10MHz / QPSK



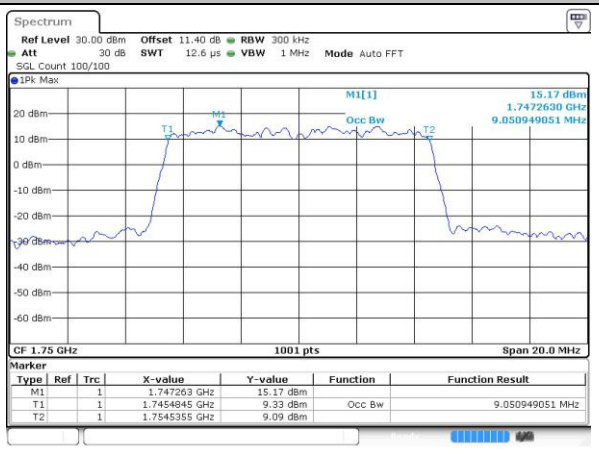
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

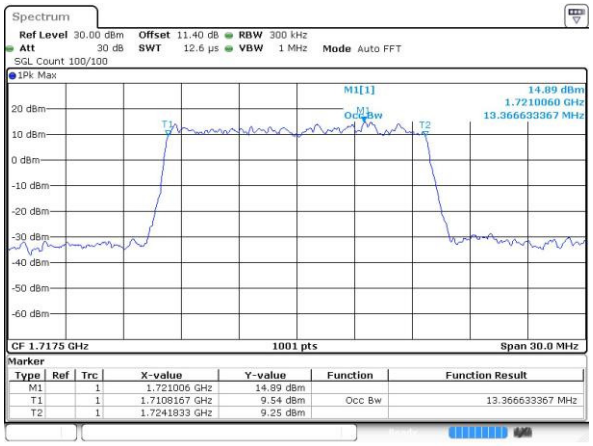


Highest Channel / 10MHz / 16QAM



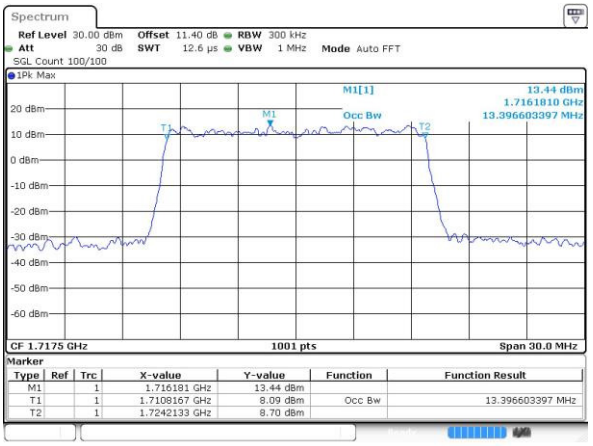
LTE Band 4

Lowest Channel / 15MHz / QPSK



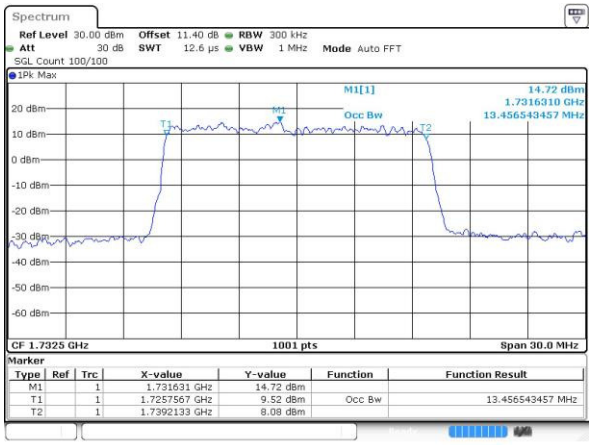
Date: 5.APR.2017 11:41:56

Lowest Channel / 15MHz / 16QAM



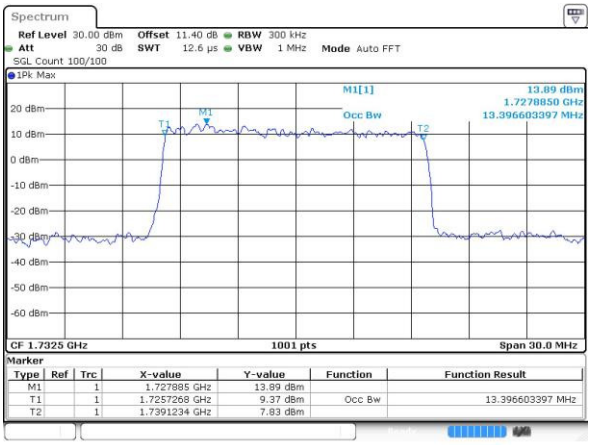
Date: 5.APR.2017 11:42:06

Middle Channel / 15MHz / QPSK



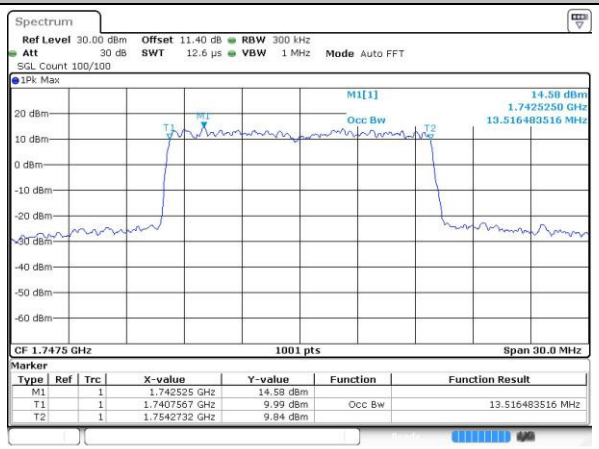
Date: 5.APR.2017 11:49:03

Middle Channel / 15MHz / 16QAM



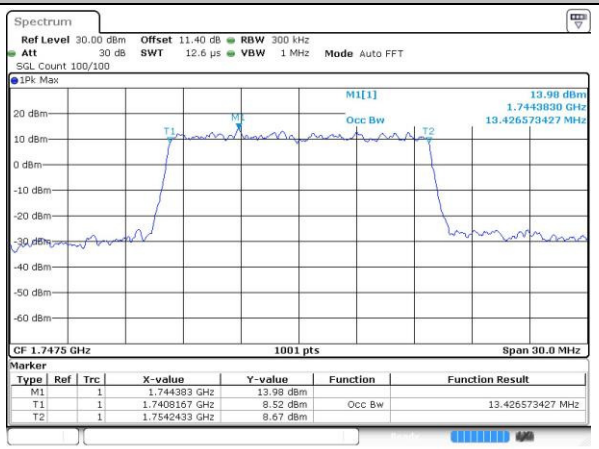
Date: 5.APR.2017 11:49:13

Highest Channel / 15MHz / QPSK



Date: 5.APR.2017 11:51:33

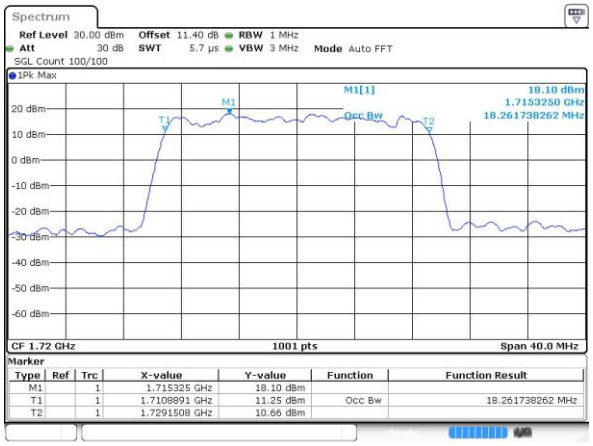
Highest Channel / 15MHz / 16QAM



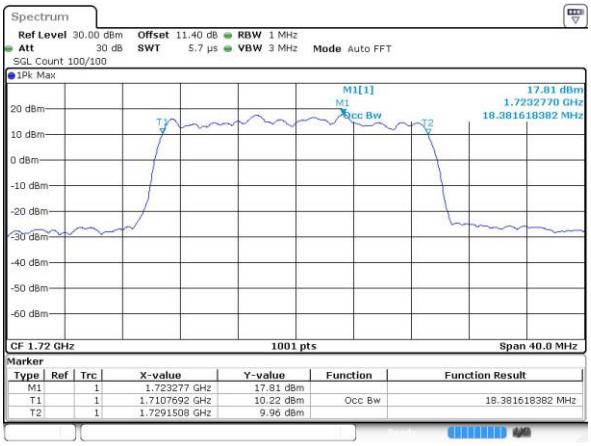
Date: 5.APR.2017 11:51:43

LTE Band 4

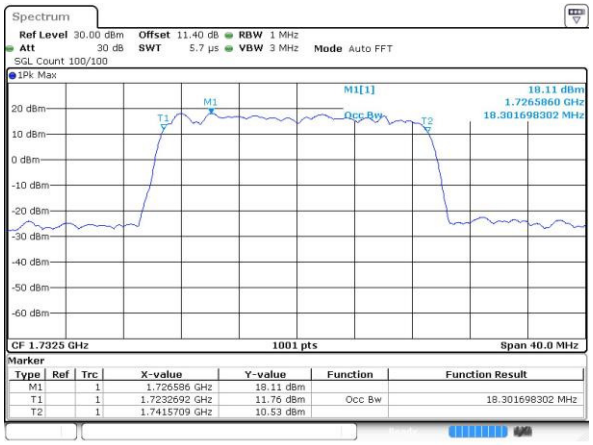
Lowest Channel / 20MHz / QPSK



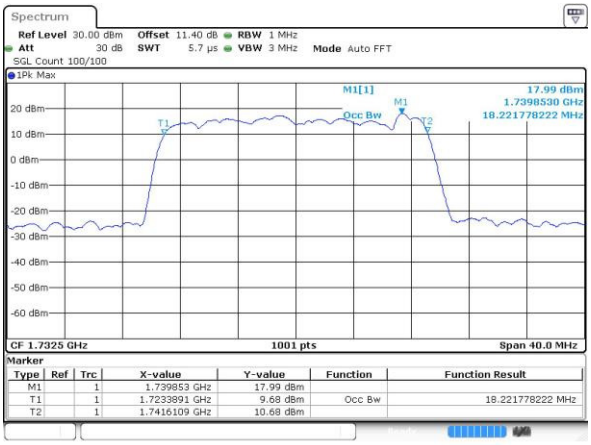
Lowest Channel / 20MHz / 16QAM



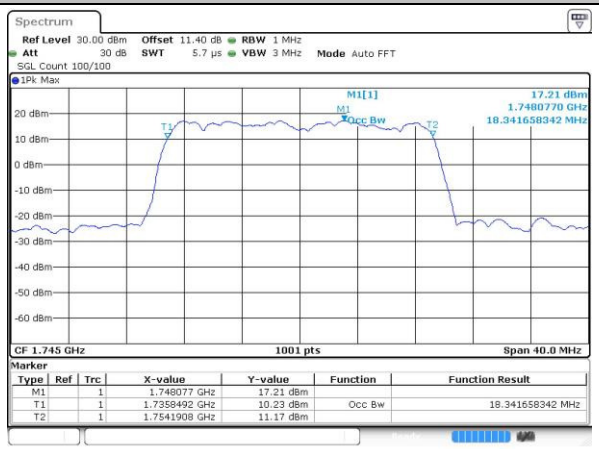
Middle Channel / 20MHz / QPSK



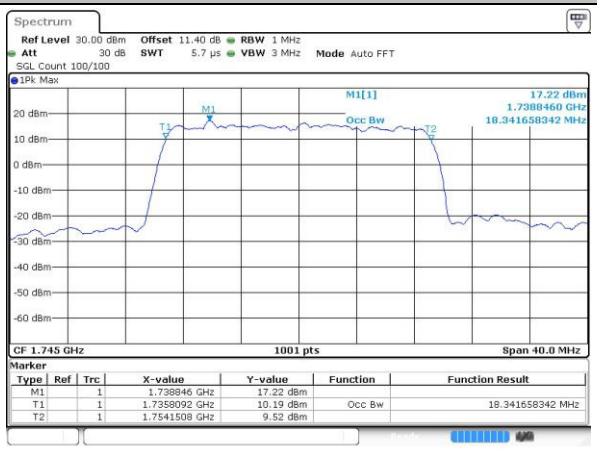
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



LTE Band 4	
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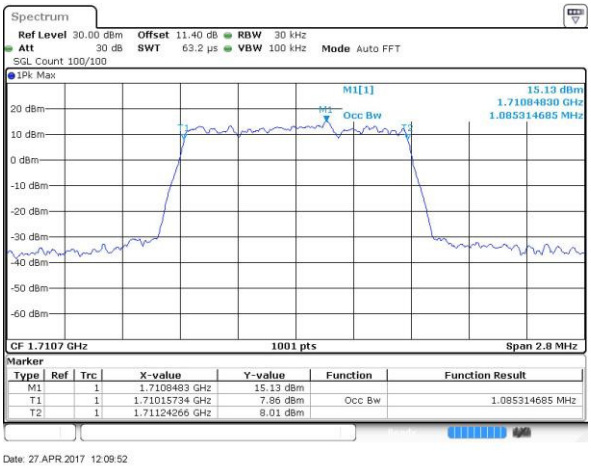
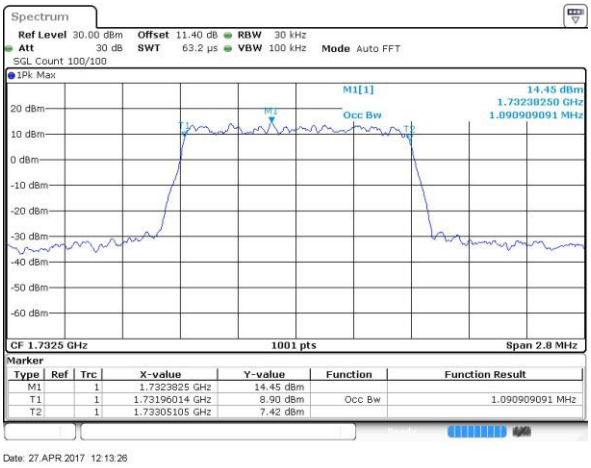
	
	Middle Channel / 1.4MHz / 64QAM
	
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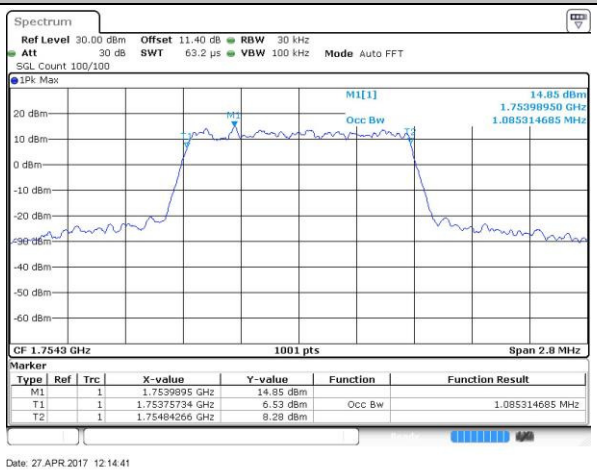
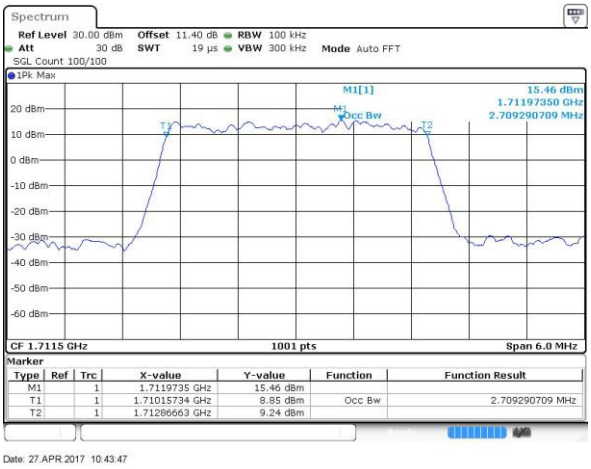
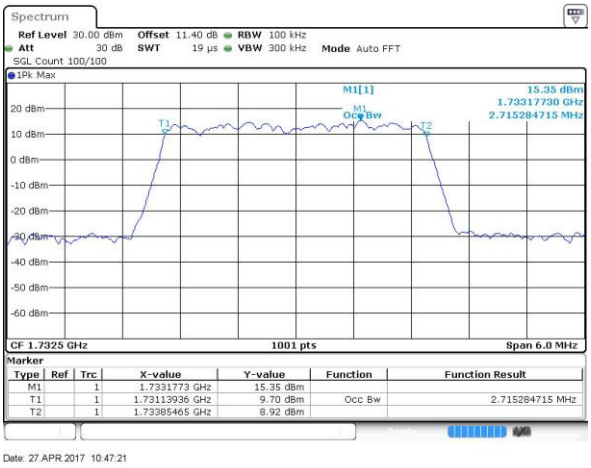
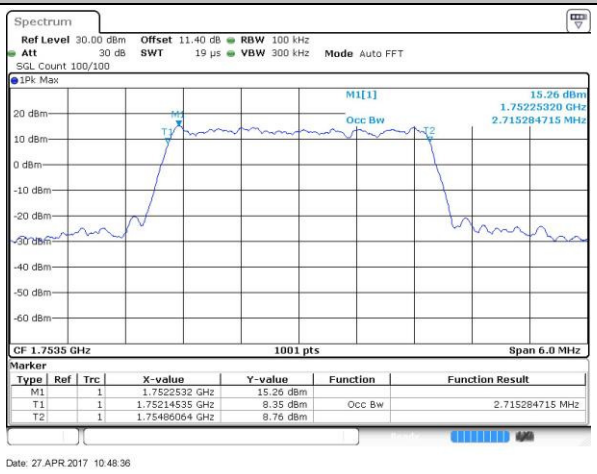
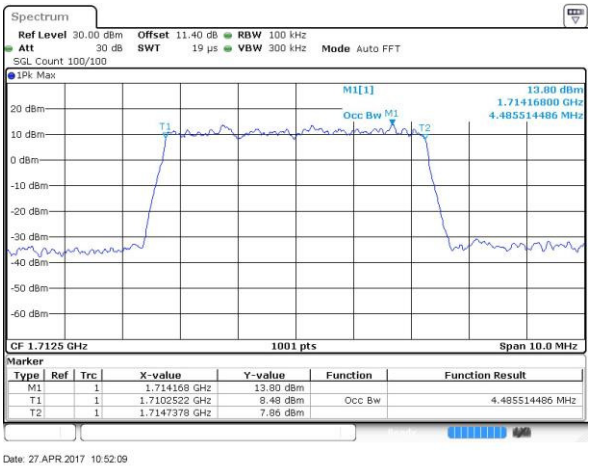
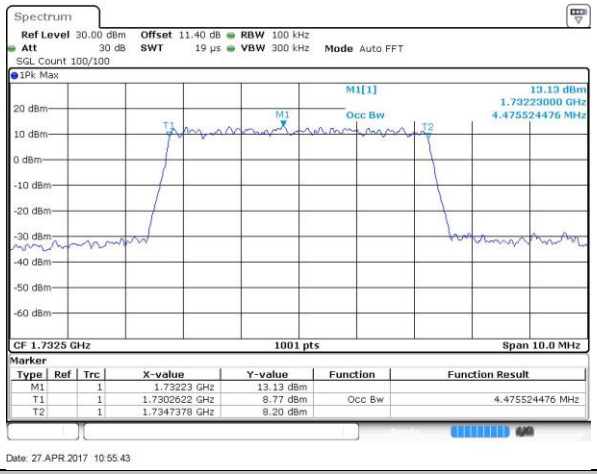
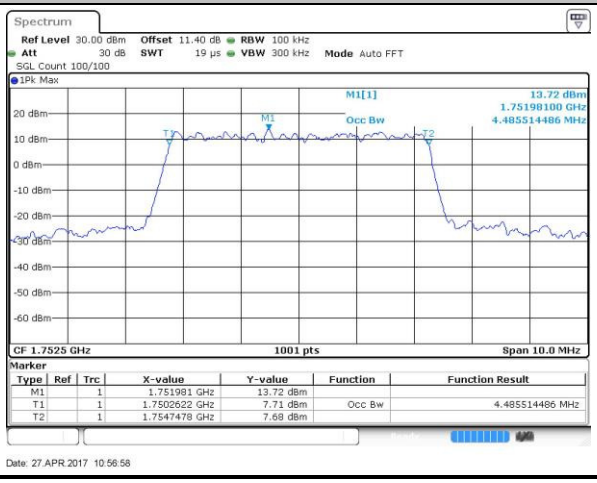
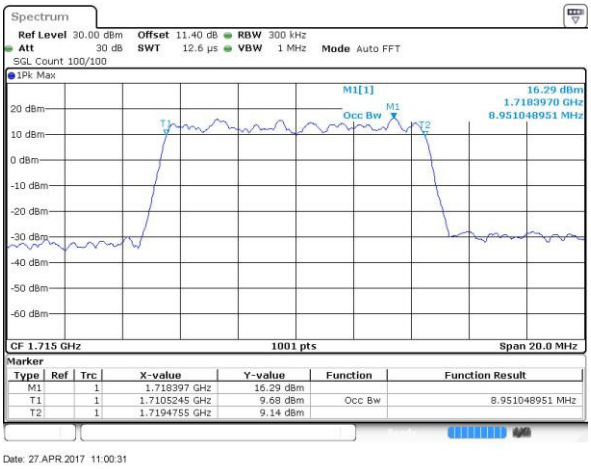
	

LTE Band 4	
	Lowest Channel / 3MHz / 64QAM
	
	Middle Channel / 3MHz / 64QAM
	
	Highest Channel / 3MHz / 64QAM
	

LTE Band 4	
	Lowest Channel / 5MHz / 64QAM
	
	Middle Channel / 5MHz / 64QAM
	
	Highest Channel / 5MHz / 64QAM
	

LTE Band 4	
	Lowest Channel / 10MHz / 64QAM
	
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	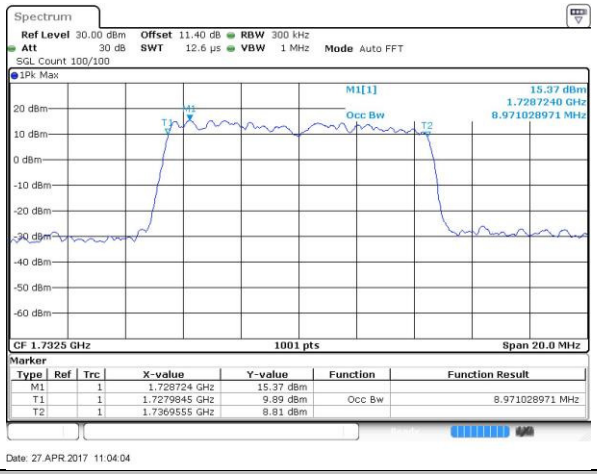
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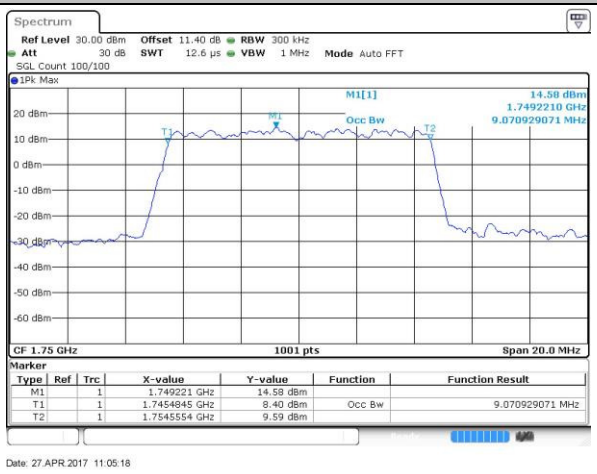
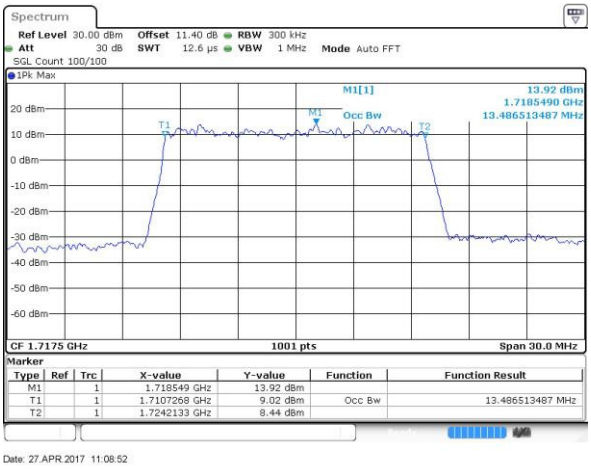
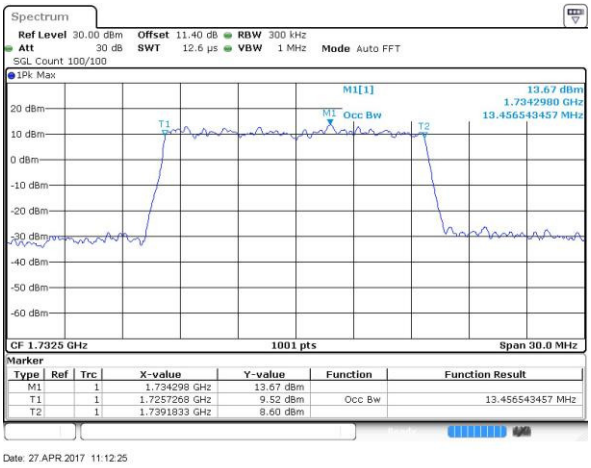
	

LTE Band 4	
	Lowest Channel / 15MHz / 64QAM
	
	Middle Channel / 15MHz / 64QAM
	
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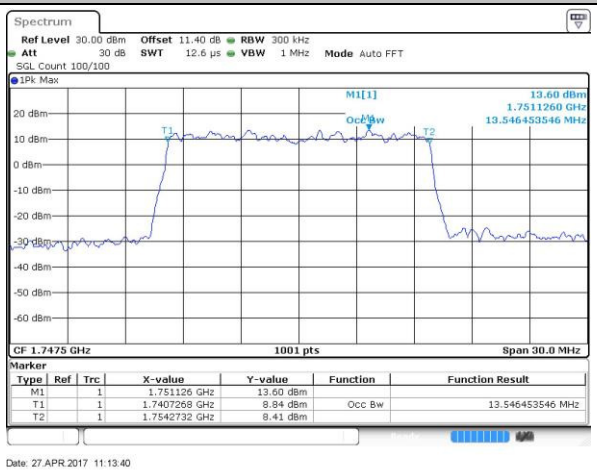
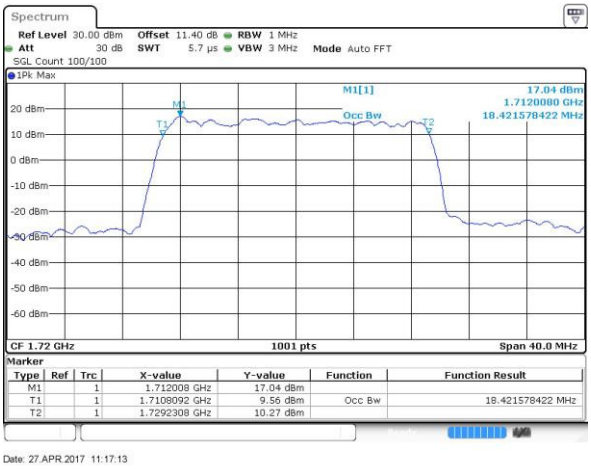
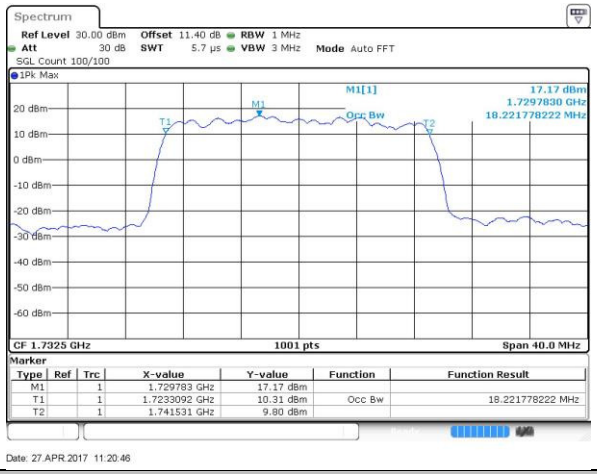
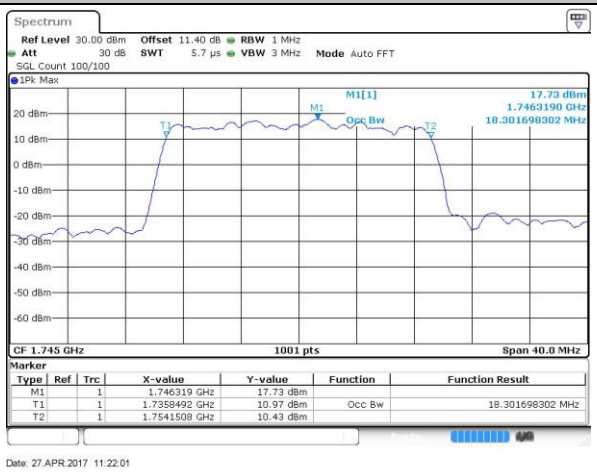
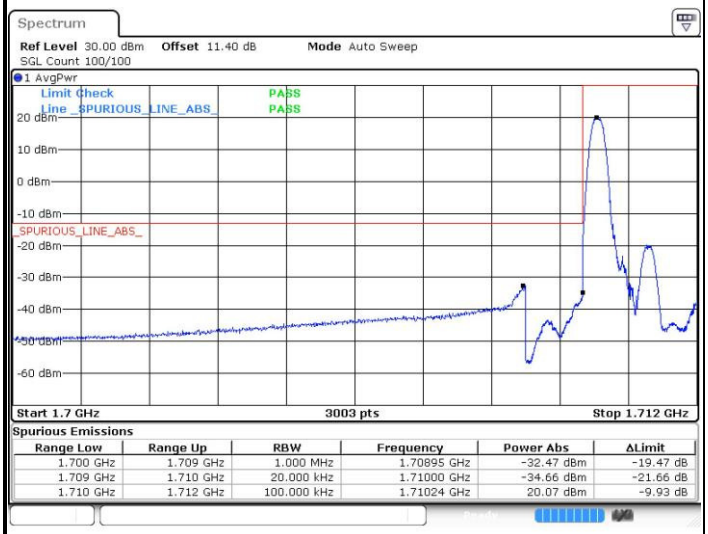
	

LTE Band 4	
	Lowest Channel / 20MHz / 64QAM
	
	Middle Channel / 20MHz / 64QAM
	
	Highest Channel / 20MHz / 64QAM
	

Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

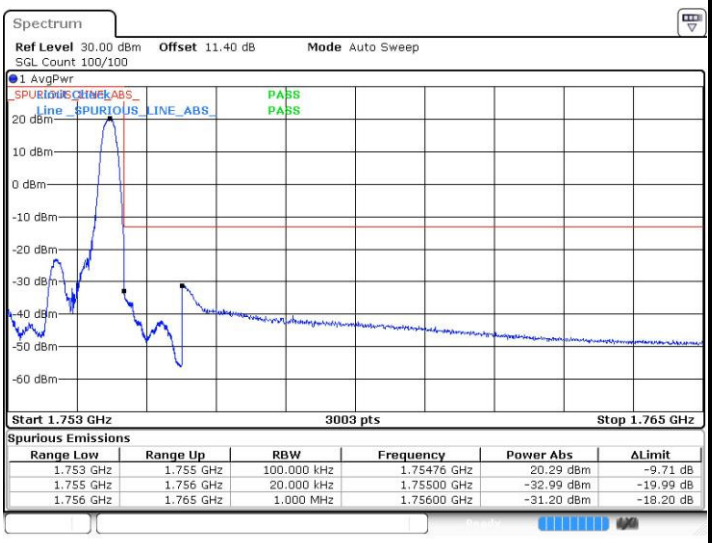


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-32.47 dBm	-19.47 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-34.66 dBm	-21.66 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	20.07 dBm	-9.93 dB

Date: 5.APR.2017 13:35:37

Highest Band Edge / 1RB

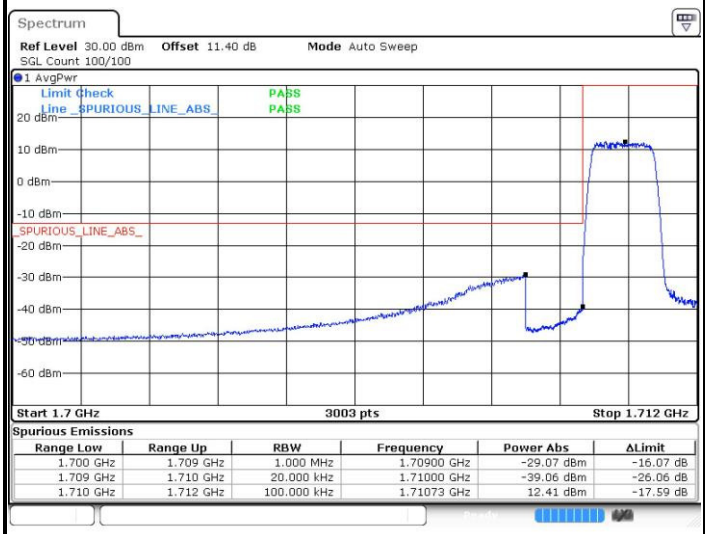


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	20.29 dBm	-9.71 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-32.99 dBm	-19.99 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-31.20 dBm	-18.20 dB

Date: 5.APR.2017 13:45:14

Lowest Band Edge / Full RB

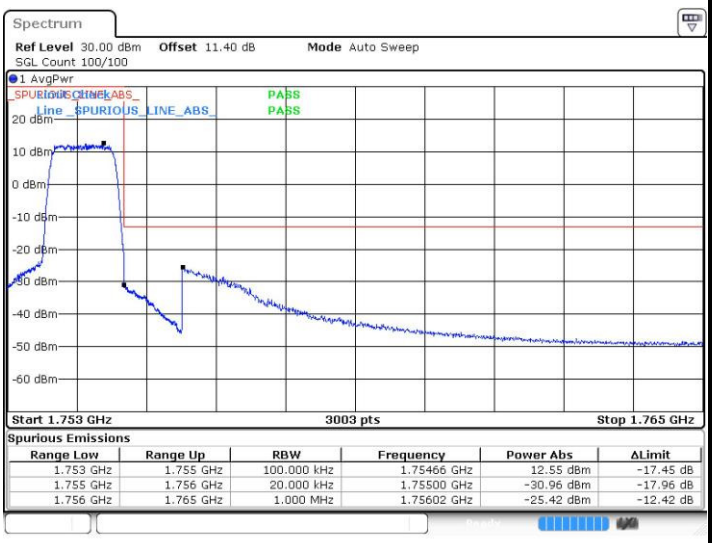


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-29.07 dBm	-16.07 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-39.06 dBm	-26.06 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71073 GHz	12.41 dBm	-17.59 dB

Date: 5.APR.2017 13:37:55

Highest Band Edge / Full RB



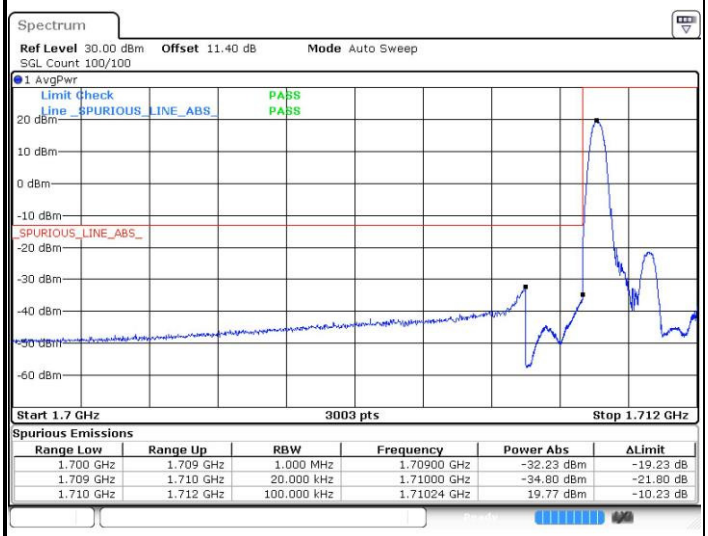
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75466 GHz	12.55 dBm	-17.45 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-30.96 dBm	-17.96 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-25.42 dBm	-12.42 dB

Date: 5.APR.2017 13:47:32

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

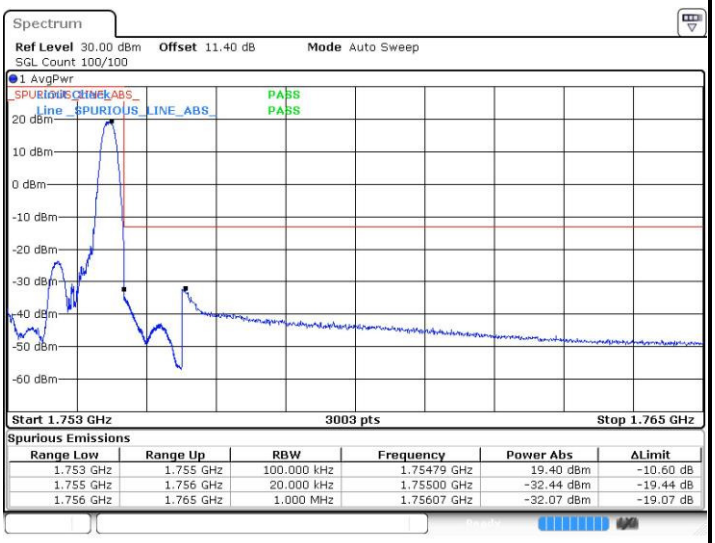


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-32.23 dBm	-19.23 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-34.80 dBm	-21.80 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	19.77 dBm	-10.23 dB

Date: 5.APR.2017 13:36:46

Highest Band Edge / 1 RB

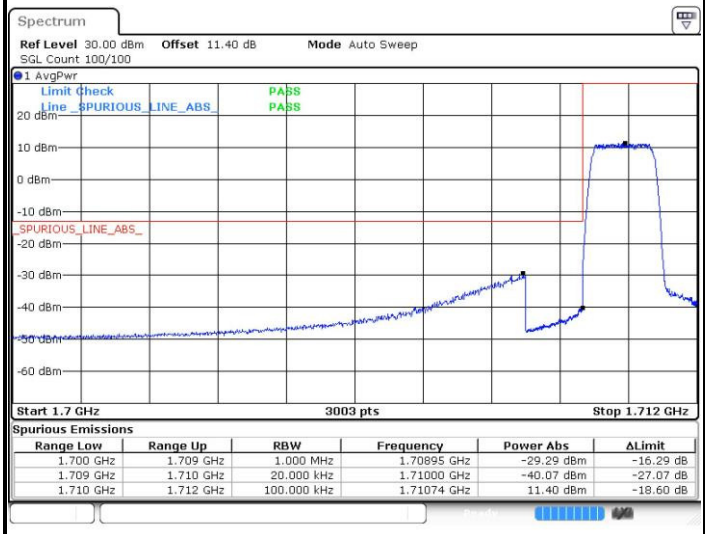


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75479 GHz	19.40 dBm	-10.60 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-32.44 dBm	-19.44 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75607 GHz	-32.07 dBm	-19.07 dB

Date: 5.APR.2017 13:46:23

Lowest Band Edge / Full RB

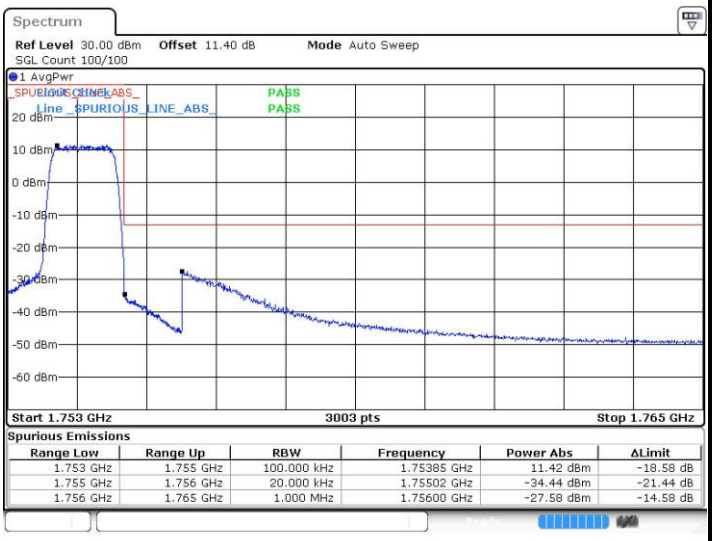


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-29.29 dBm	-16.29 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-40.07 dBm	-27.07 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71074 GHz	11.40 dBm	-18.60 dB

Date: 5.APR.2017 13:39:04

Highest Band Edge / Full RB



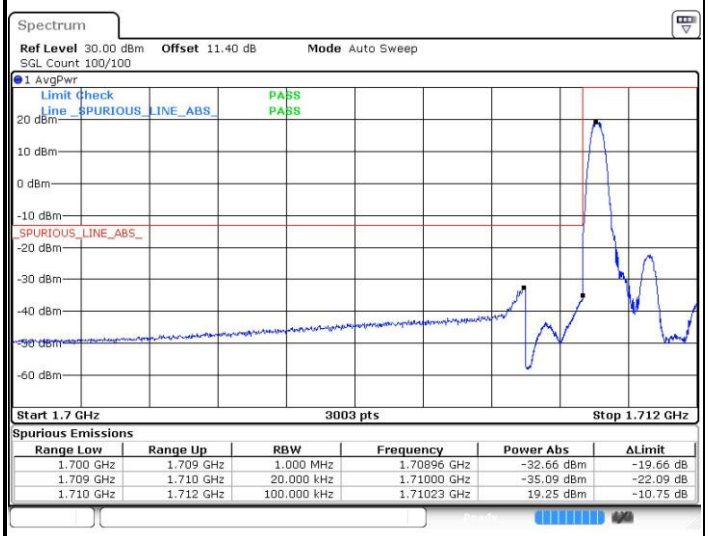
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75385 GHz	11.42 dBm	-18.58 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75502 GHz	-34.44 dBm	-21.44 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-27.58 dBm	-14.58 dB

Date: 5.APR.2017 13:48:41

LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

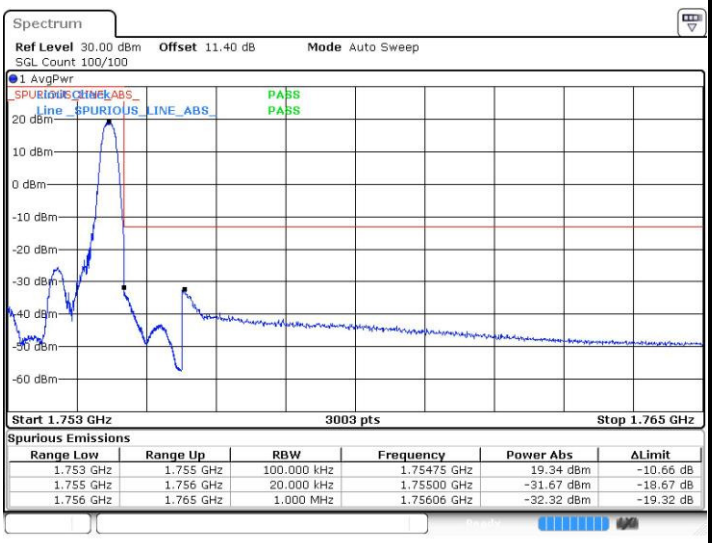


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-32.66 dBm	-19.66 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-35.09 dBm	-22.09 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71023 GHz	19.25 dBm	-10.75 dB

Date: 27.APR.2017 12:11:11

Highest Band Edge / 1 RB

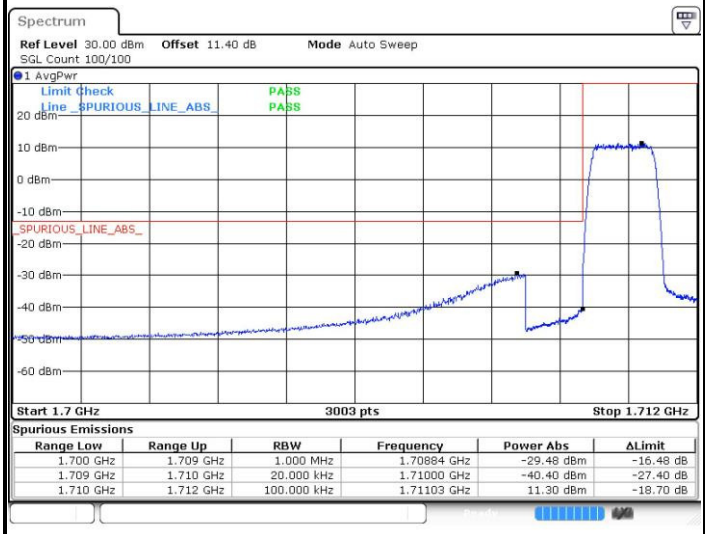


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75475 GHz	19.34 dBm	-10.66 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-31.67 dBm	-18.67 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75606 GHz	-32.32 dBm	-19.32 dB

Date: 27.APR.2017 12:16:00

Lowest Band Edge / Full RB

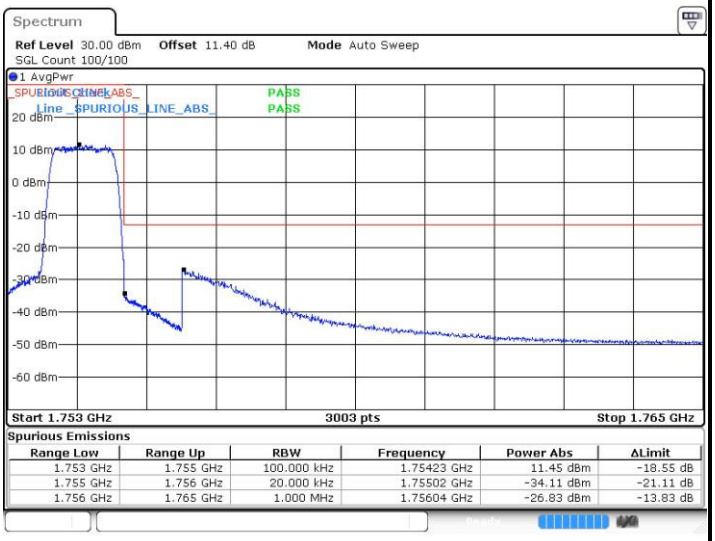


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70884 GHz	-29.48 dBm	-16.48 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-40.40 dBm	-27.40 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71103 GHz	11.30 dBm	-18.70 dB

Date: 27.APR.2017 12:12:20

Highest Band Edge / Full RB



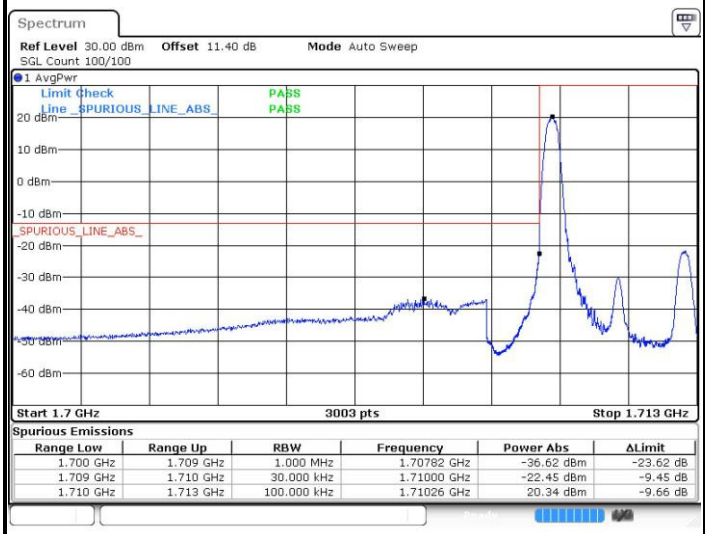
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75423 GHz	11.45 dBm	-18.55 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75502 GHz	-34.11 dBm	-21.11 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-26.83 dBm	-13.83 dB

Date: 27.APR.2017 12:17:09

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

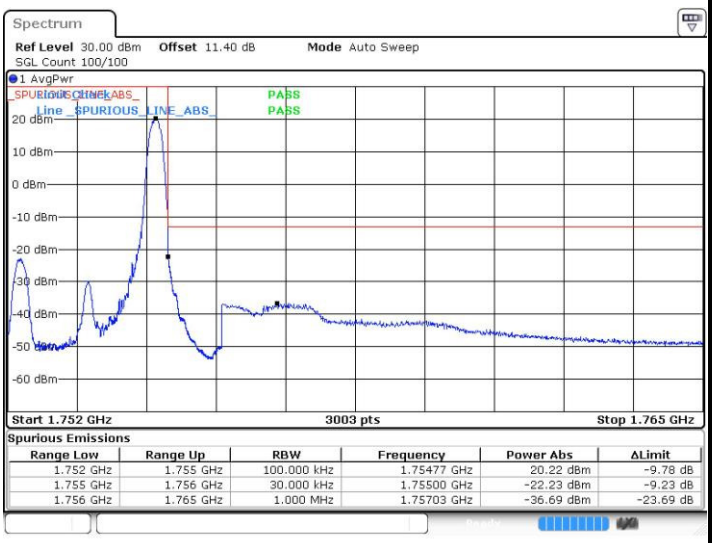


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70782 GHz	-36.62 dBm	-23.62 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-22.45 dBm	-9.45 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71026 GHz	20.34 dBm	-9.66 dB

Date: 5.APR.2017 10:53:22

Highest Band Edge / 1 RB

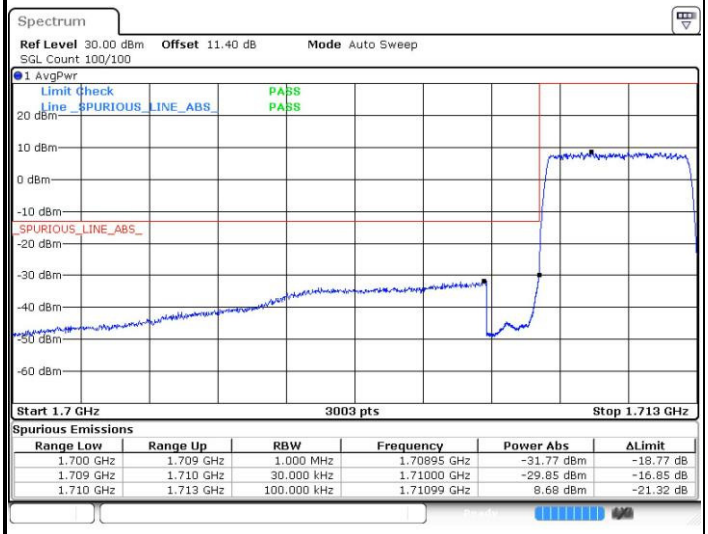


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75477 GHz	20.22 dBm	-9.78 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-22.23 dBm	-9.23 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75703 GHz	-36.69 dBm	-23.69 dB

Date: 5.APR.2017 11:03:00

Lowest Band Edge / Full RB

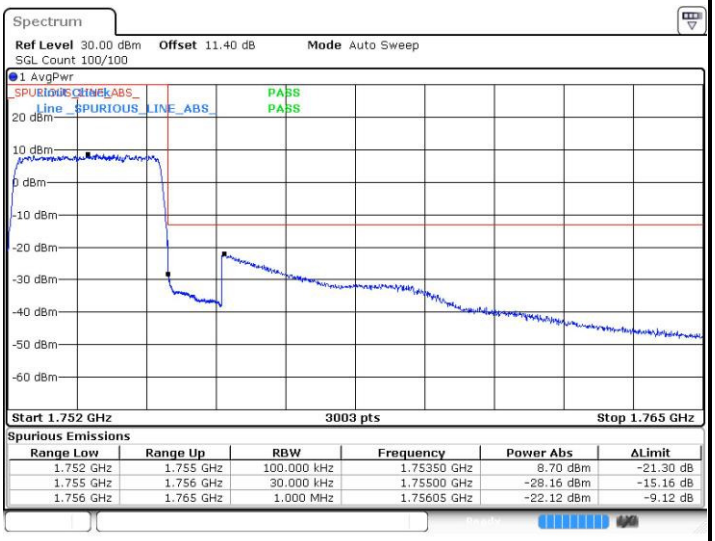


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-31.77 dBm	-18.77 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-29.85 dBm	-16.85 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71099 GHz	8.68 dBm	-21.32 dB

Date: 5.APR.2017 10:55:40

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	1.75350 GHz	8.70 dBm	-21.30 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-28.16 dBm	-15.16 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75605 GHz	-22.12 dBm	-9.12 dB

Date: 5.APR.2017 11:05:18