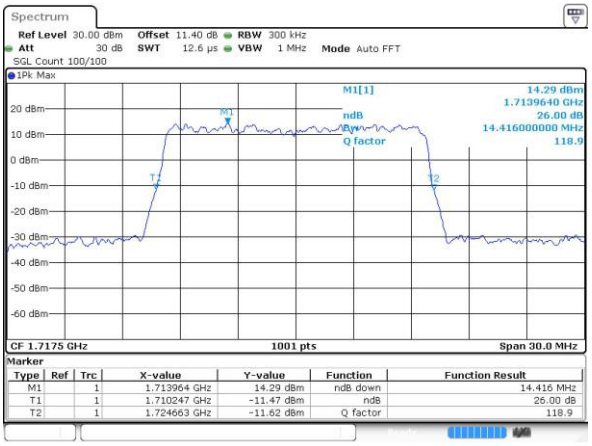
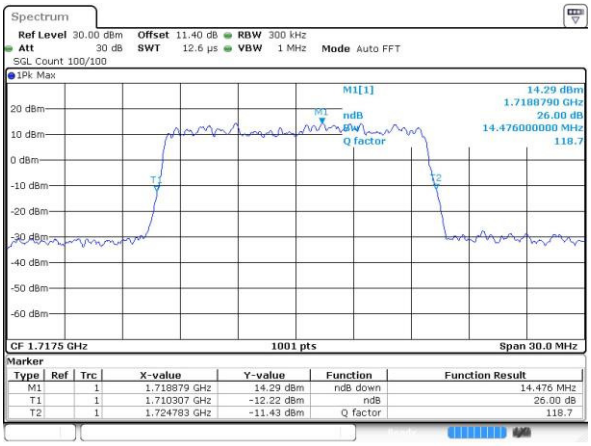
LTE Band 66

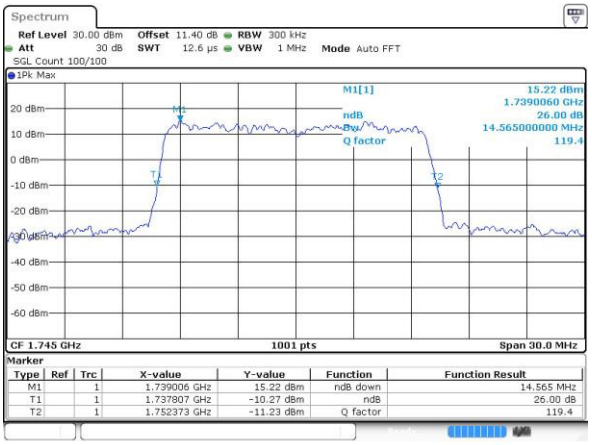
Lowest Channel / 15MHz / QPSK



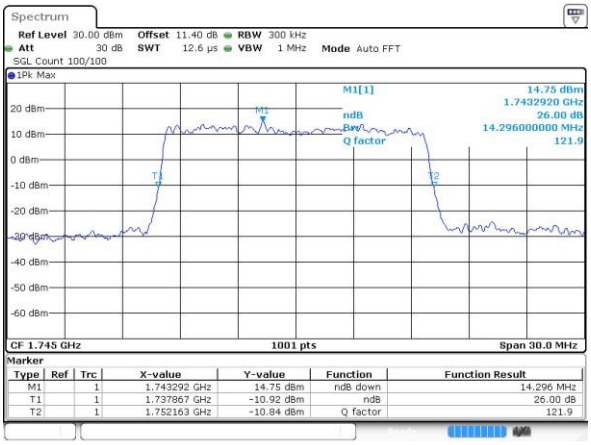
Lowest Channel / 15MHz / 16QAM



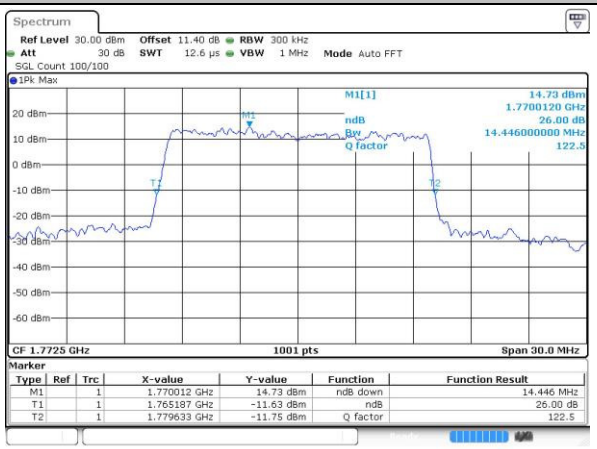
Middle Channel / 15MHz / QPSK



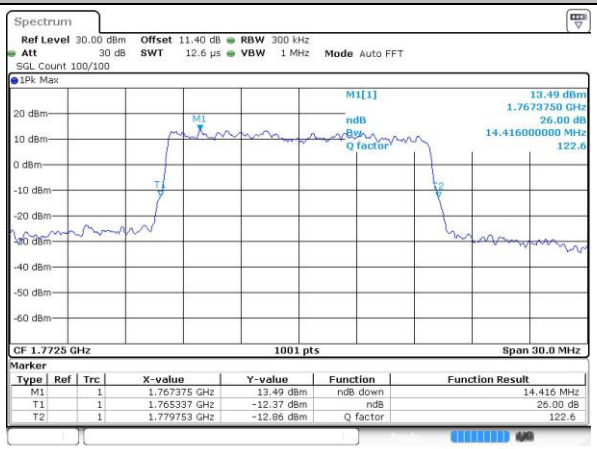
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

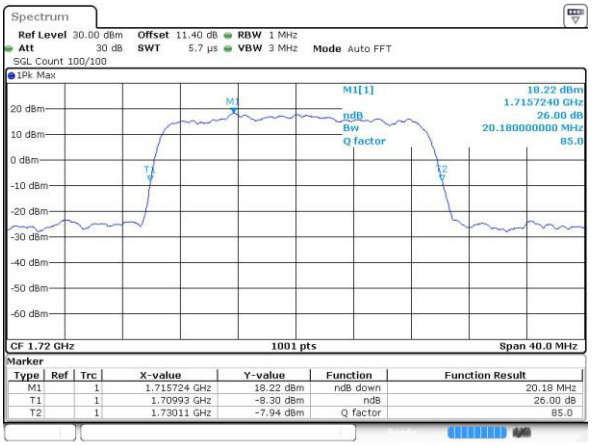


Highest Channel / 15MHz / 16QAM

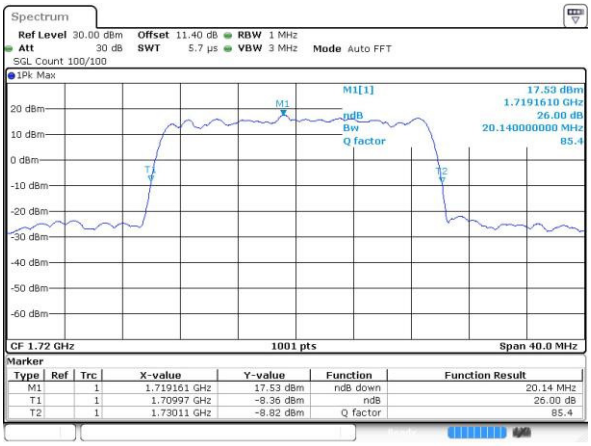


LTE Band 66

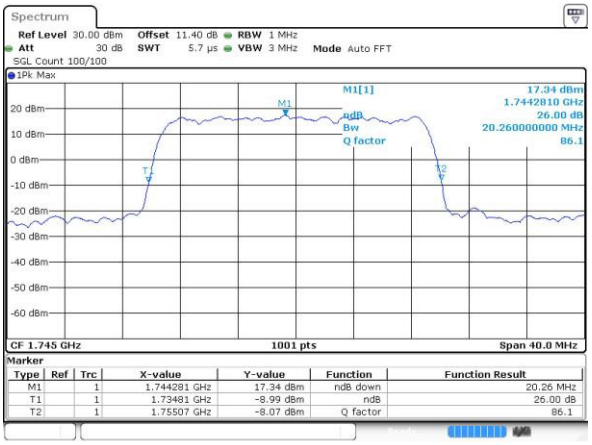
Lowest Channel / 20MHz / QPSK



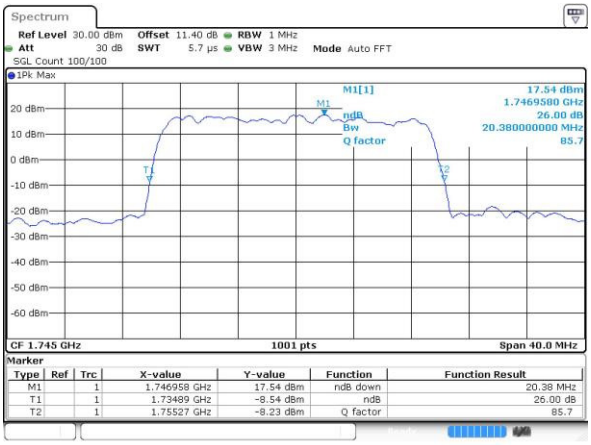
Lowest Channel / 20MHz / 16QAM



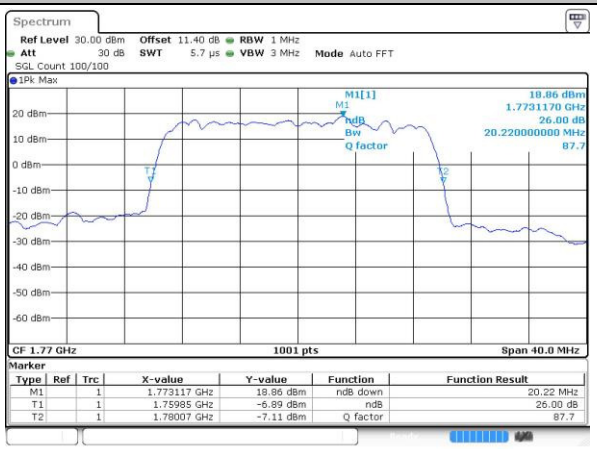
Middle Channel / 20MHz / QPSK



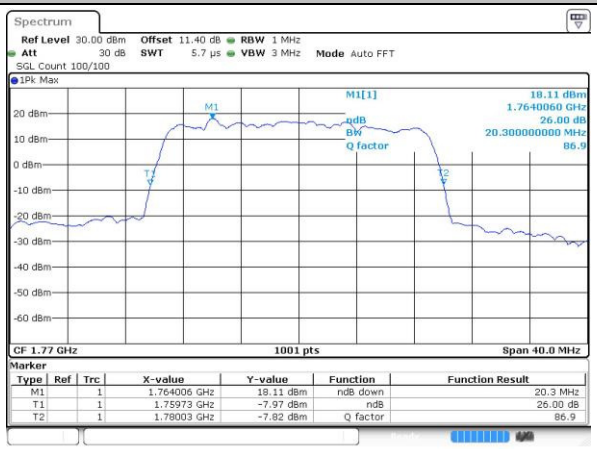
Middle Channel / 20MHz / 16QAM

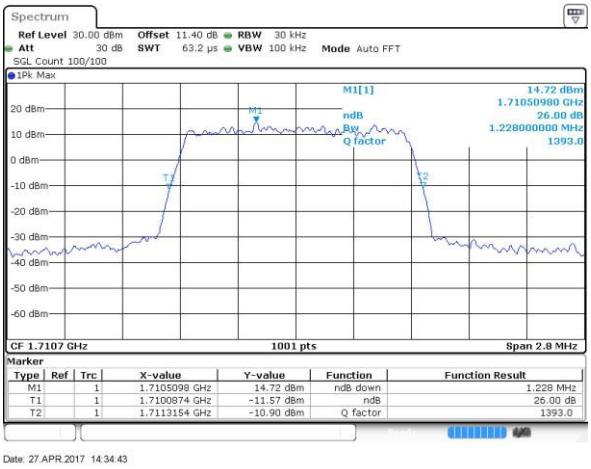
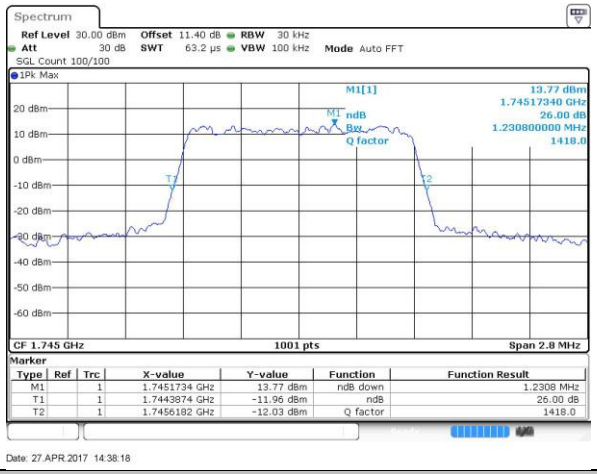
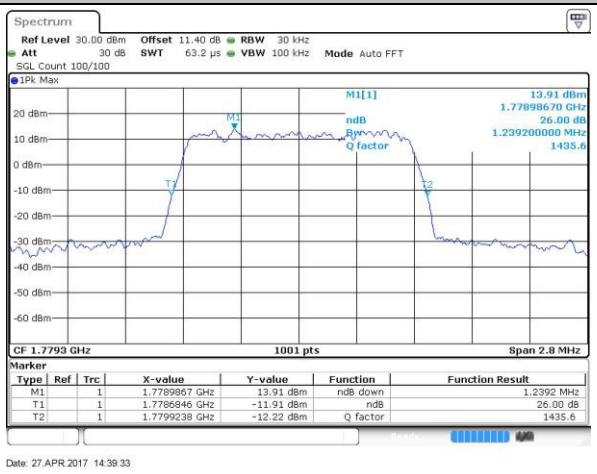


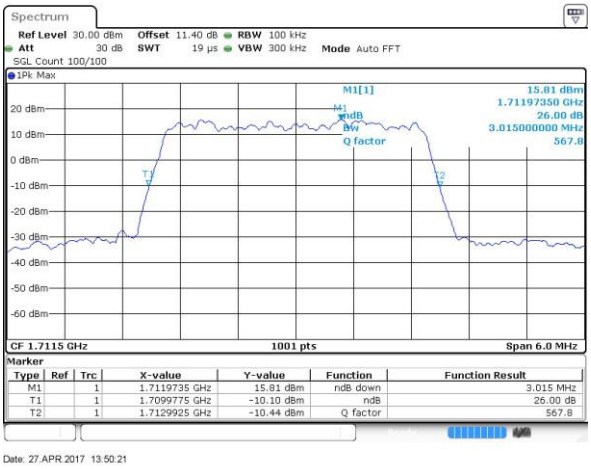
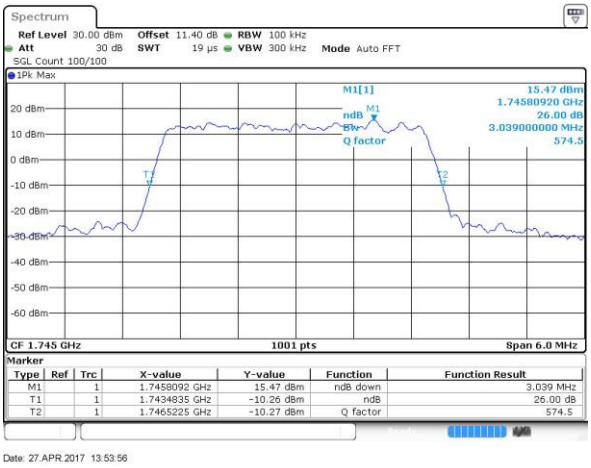
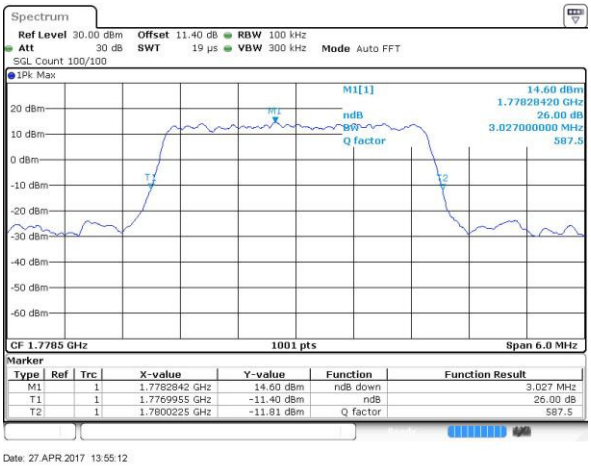
Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

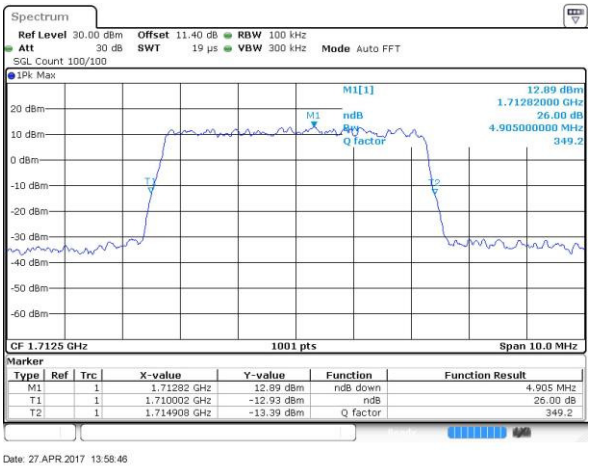


LTE Band 66	
	Lowest Channel / 1.4MHz / 64QAM
	
	Middle Channel / 1.4MHz / 64QAM
	
	Highest Channel / 1.4MHz / 64QAM
	

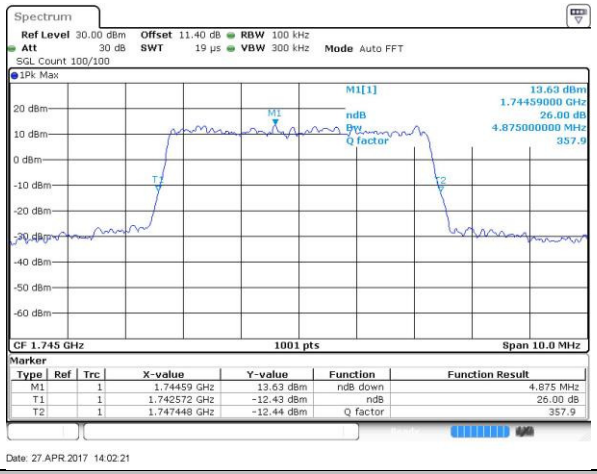
LTE Band 66	
	Lowest Channel / 3MHz / 64QAM
	
	Middle Channel /3MHz / 64QAM
	
	Highest Channel /3MHz / 64QAM
	

LTE Band 66

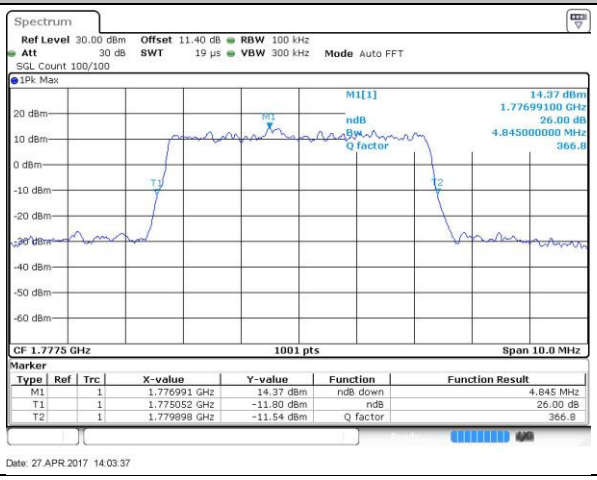
Lowest Channel / 5MHz / 64QAM

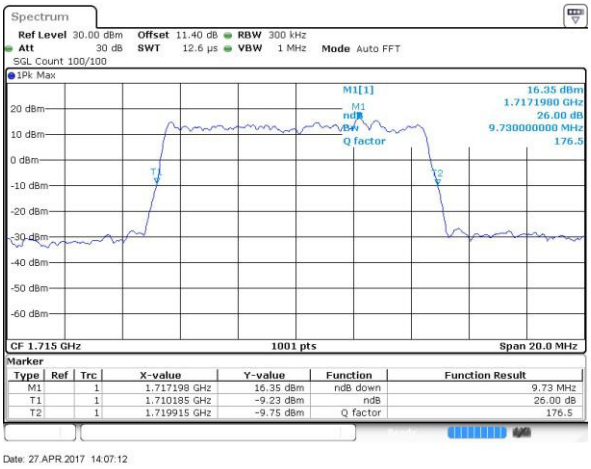
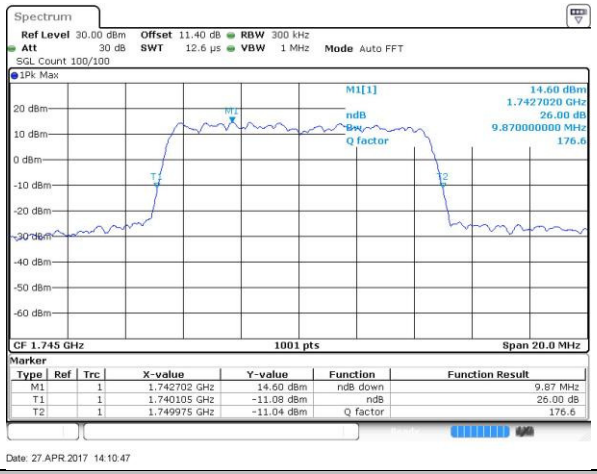
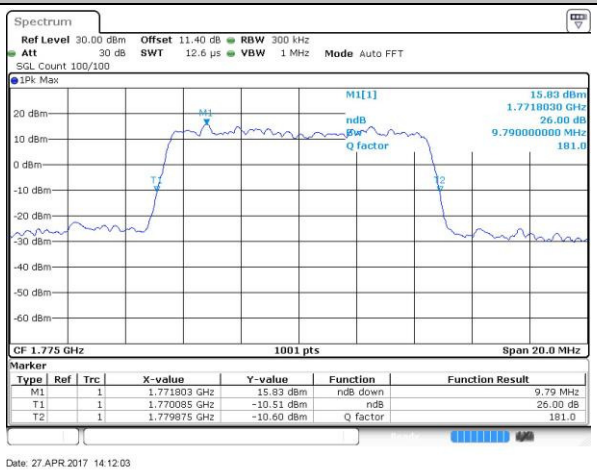


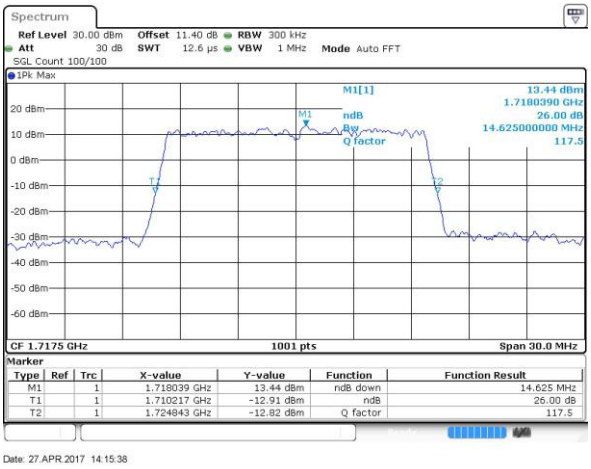
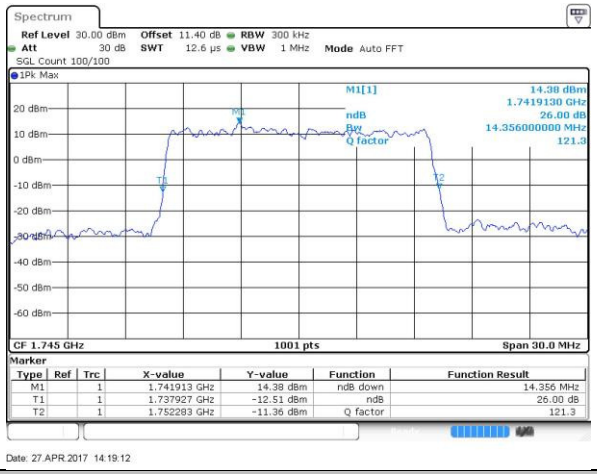
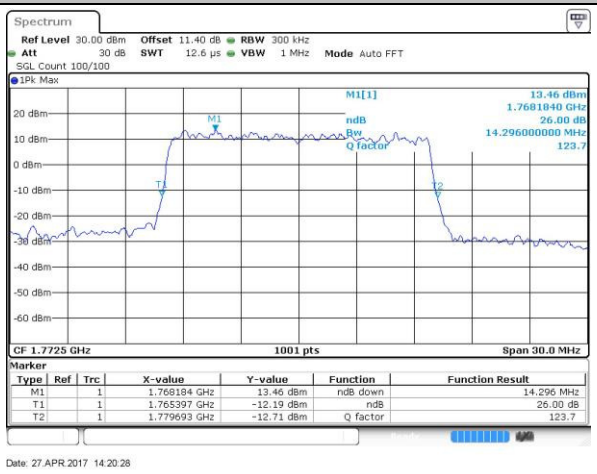
Middle Channel / 5MHz / 64QAM



Highest Channel / 5MHz / 64QAM

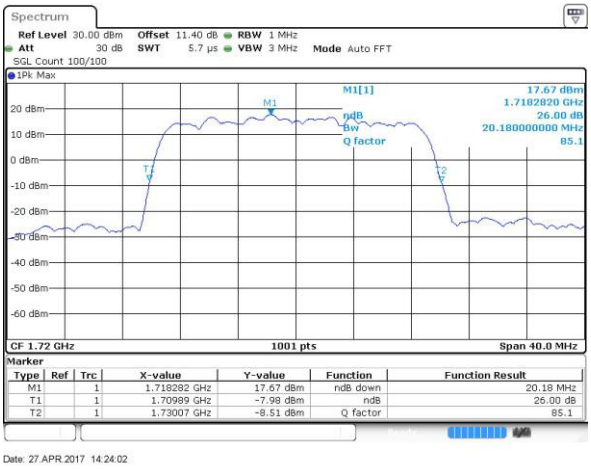


LTE Band 66	
	Lowest Channel / 10MHz / 64QAM
	
	Middle Channel / 10MHz / 64QAM
	
	Highest Channel / 10MHz / 64QAM
	

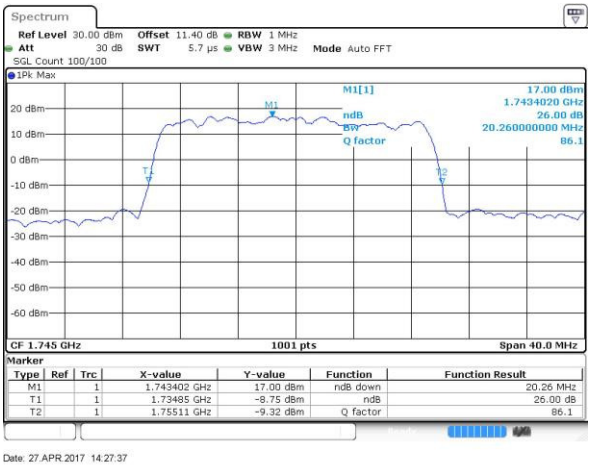
LTE Band 66	
	Lowest Channel / 15MHz / 64QAM
	
	Middle Channel / 15MHz / 64QAM
	
	Highest Channel / 15MHz / 64QAM
	

LTE Band 66

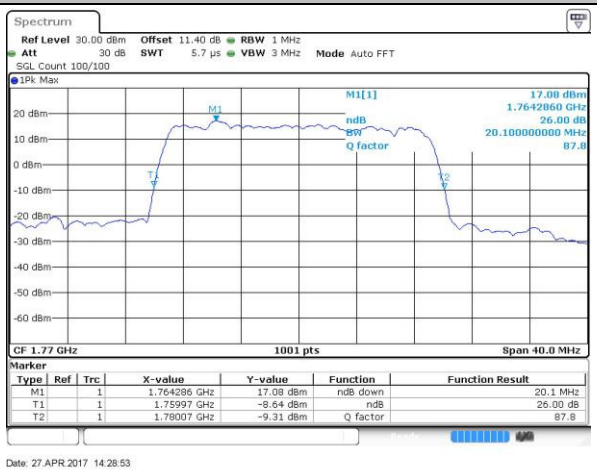
Lowest Channel / 20MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 20MHz / 64QAM

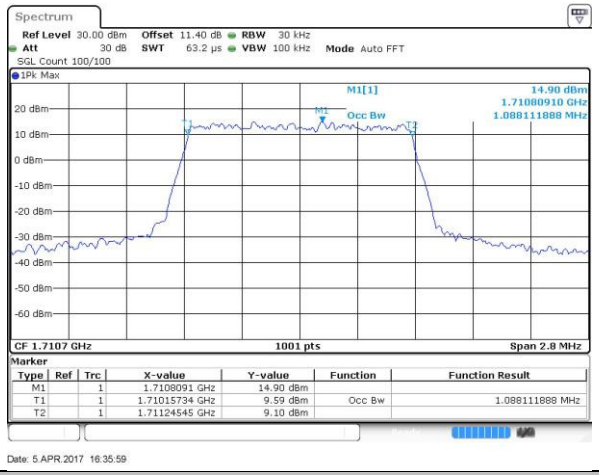


Occupied Bandwidth

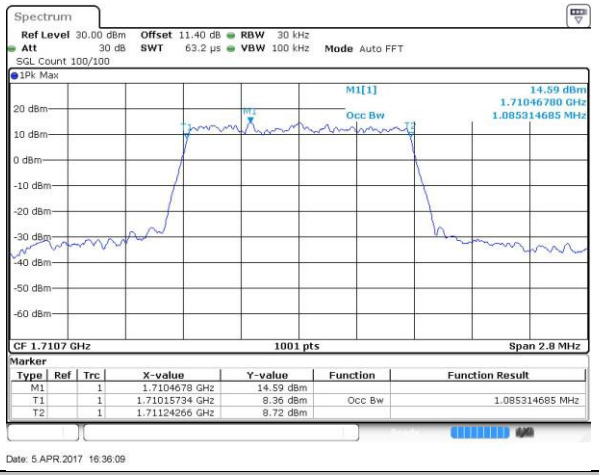
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.48	4.49	9.03	8.99	13.46	13.43	18.5	18.3
Middle CH	1.09	1.08	2.72	2.71	4.49	4.49	9.01	9.09	13.46	13.49	18.3	18.42
Highest CH	1.09	1.09	2.71	2.7	4.51	4.51	9.01	8.99	13.43	13.4	18.26	18.34
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.09	-	2.72	-	4.47	-	9.05	-	13.43	-	18.38
Middle CH	-	1.09	-	2.73	-	4.49	-	8.97	-	13.46	-	18.3
Highest CH	-	1.08	-	2.72	-	4.48	-	9.03	-	13.43	-	18.34

LTE Band 66

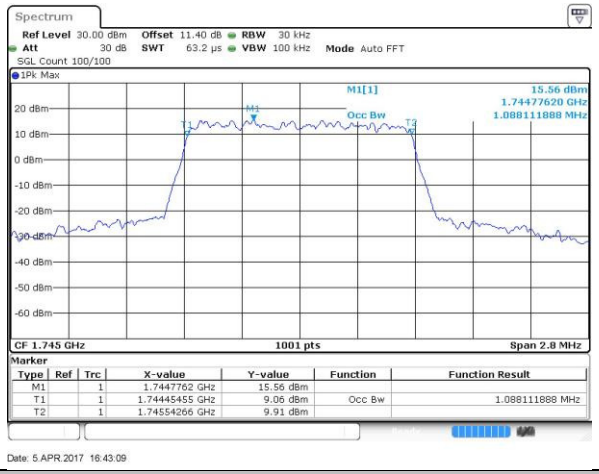
Lowest Channel / 1.4MHz / QPSK



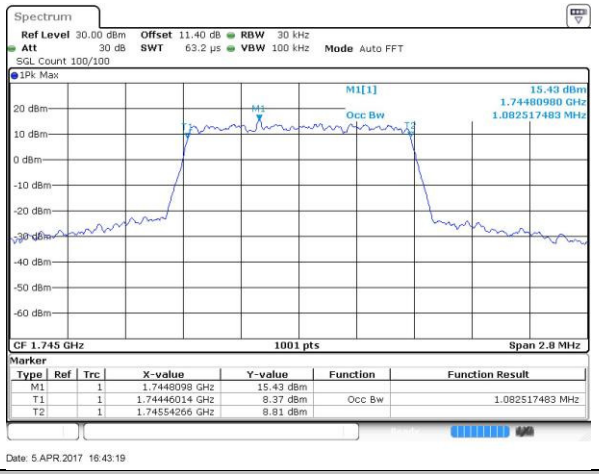
Lowest Channel / 1.4MHz / 16QAM



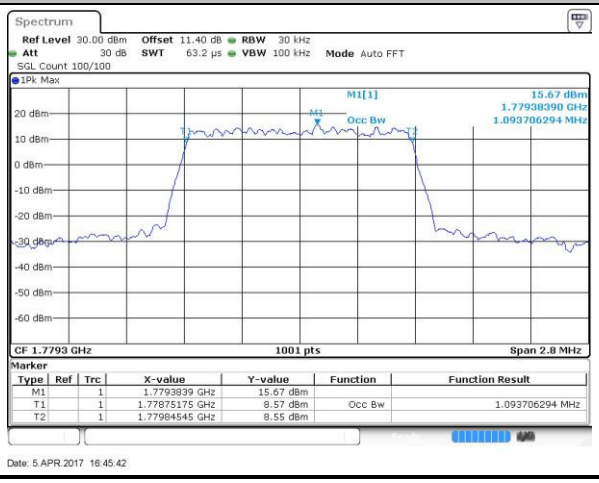
Middle Channel / 1.4MHz / QPSK



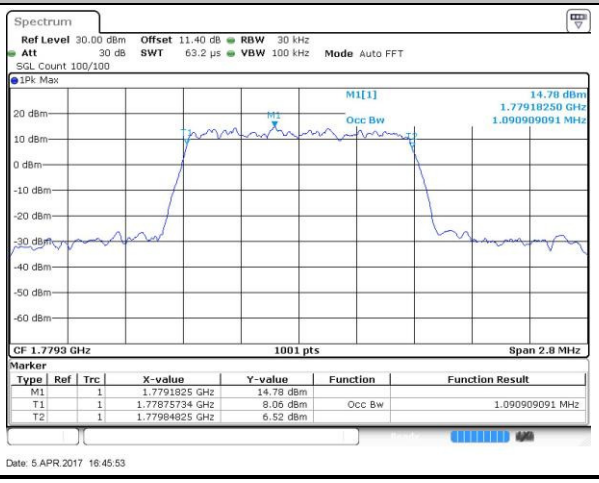
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

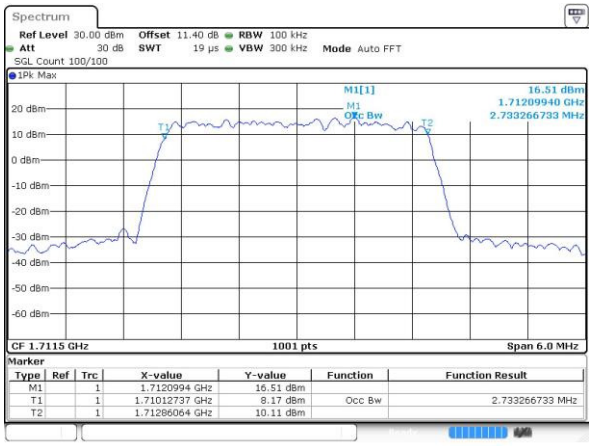


Highest Channel / 1.4MHz / 16QAM

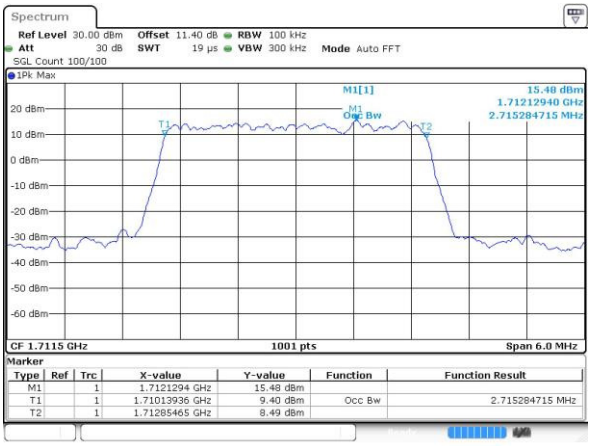


LTE Band 66

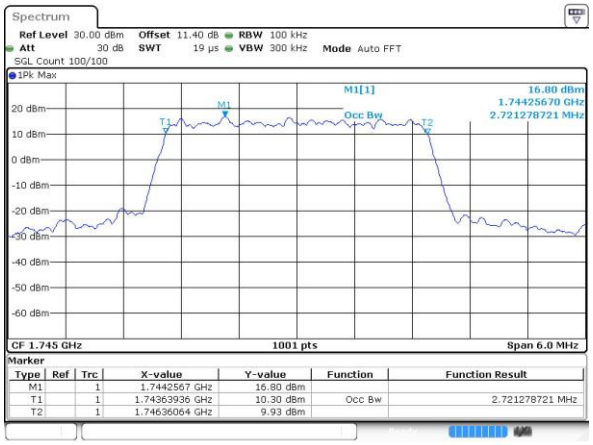
Lowest Channel / 3MHz / QPSK



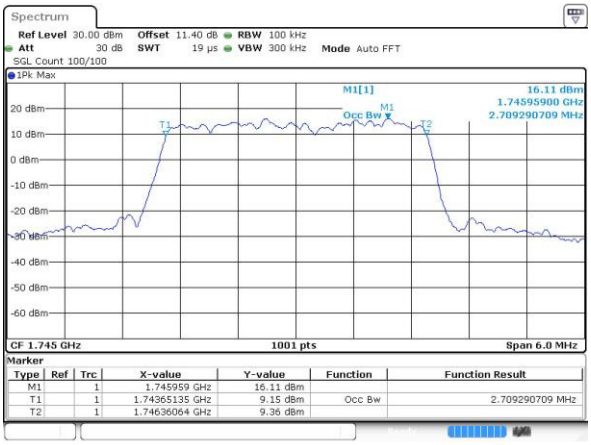
Lowest Channel / 3MHz / 16QAM



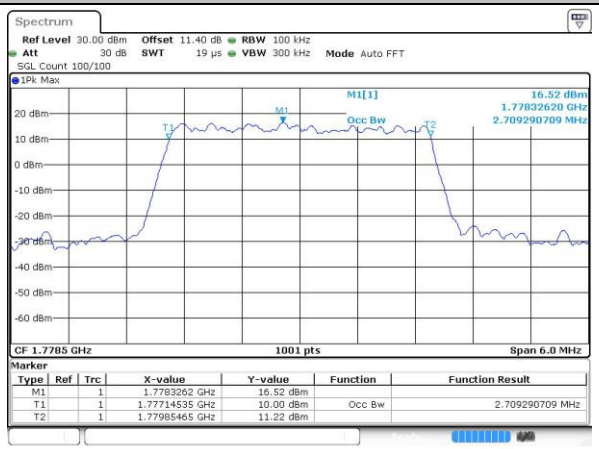
Middle Channel / 3MHz / QPSK



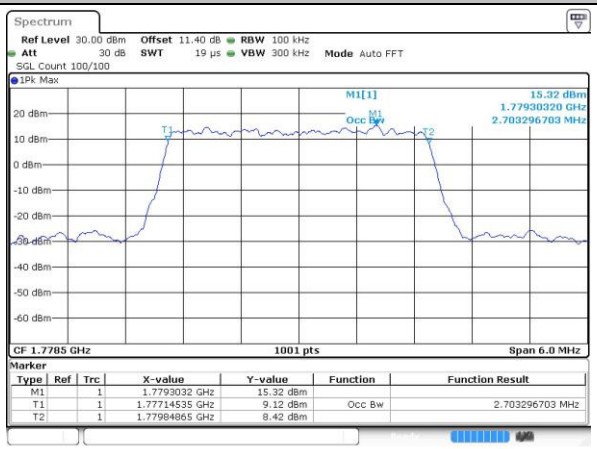
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

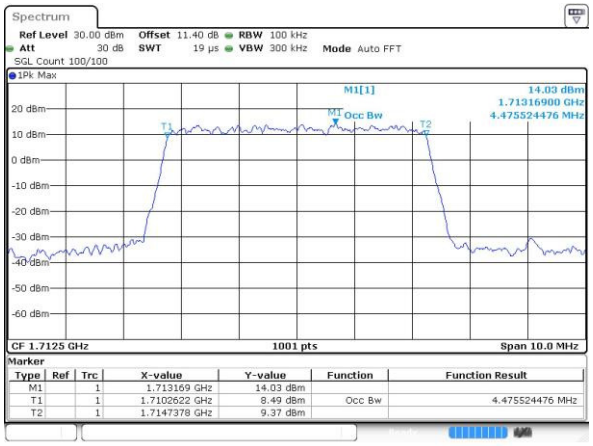


Highest Channel / 3MHz / 16QAM

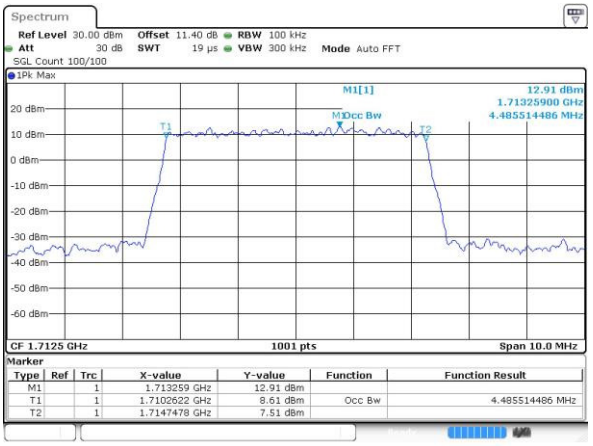


LTE Band 66

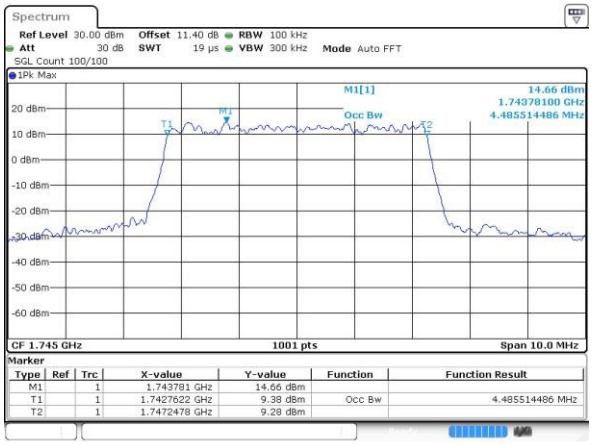
Lowest Channel / 5MHz / QPSK



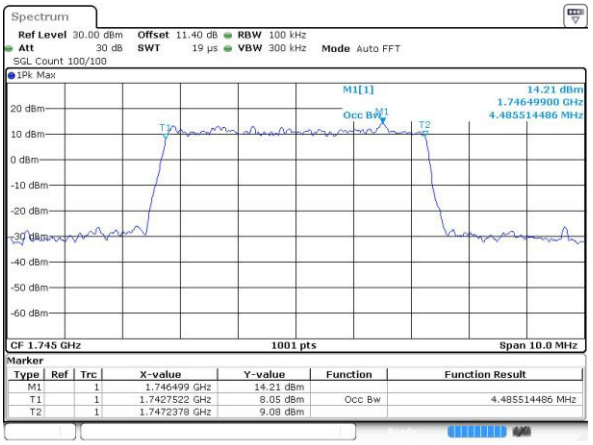
Lowest Channel / 5MHz / 16QAM



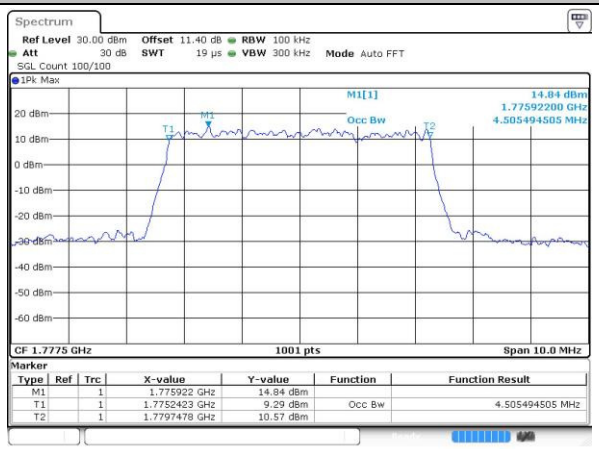
Middle Channel / 5MHz / QPSK



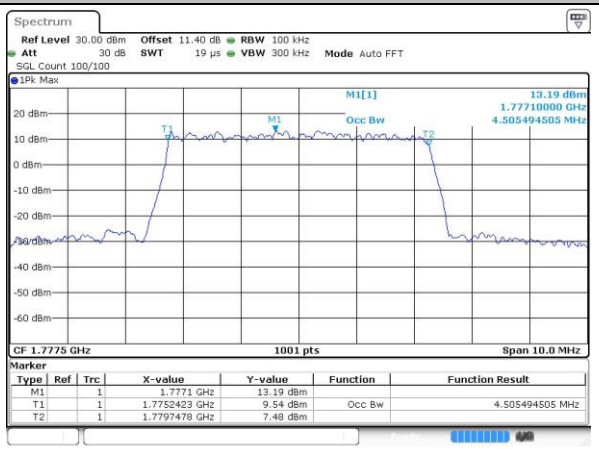
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

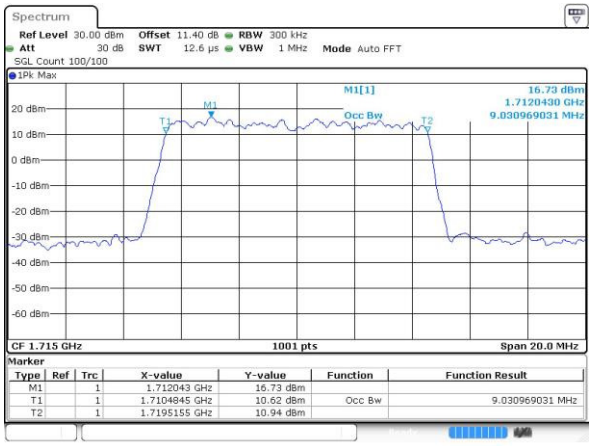


Highest Channel / 5MHz / 16QAM

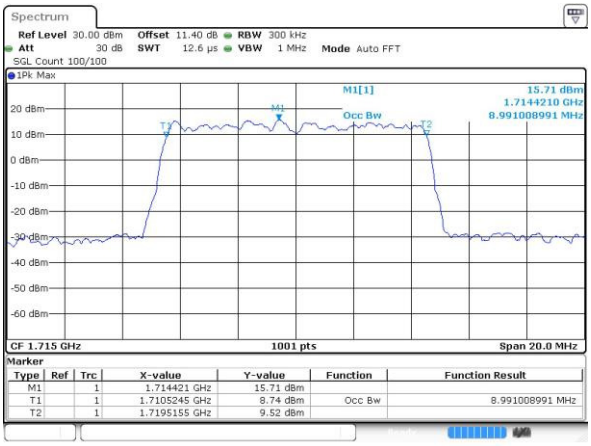


LTE Band 66

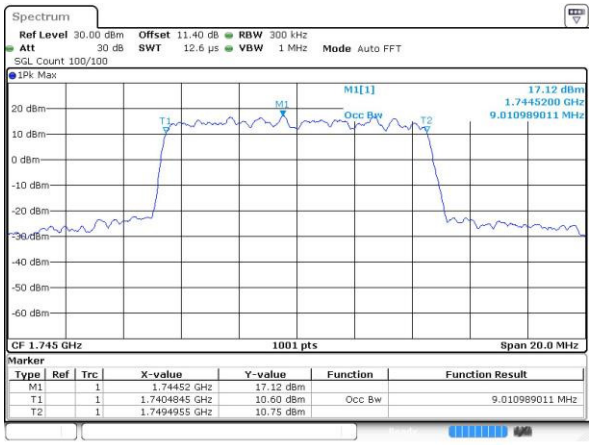
Lowest Channel / 10MHz / QPSK



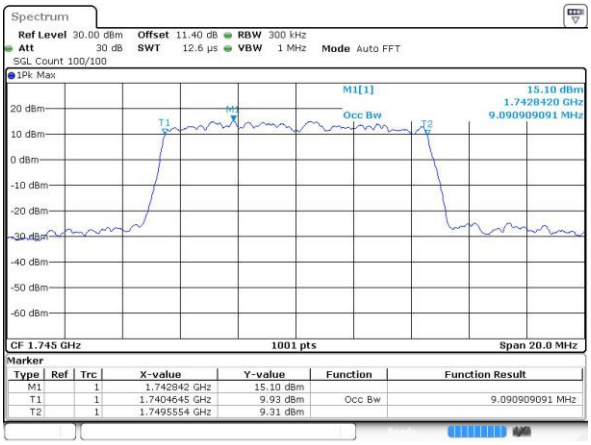
Lowest Channel / 10MHz / 16QAM



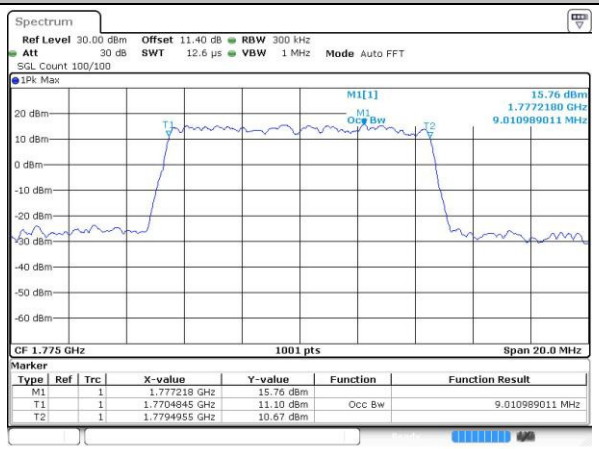
Middle Channel / 10MHz / QPSK



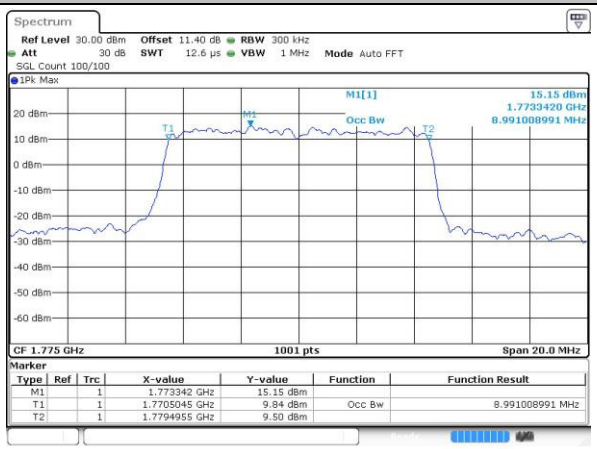
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

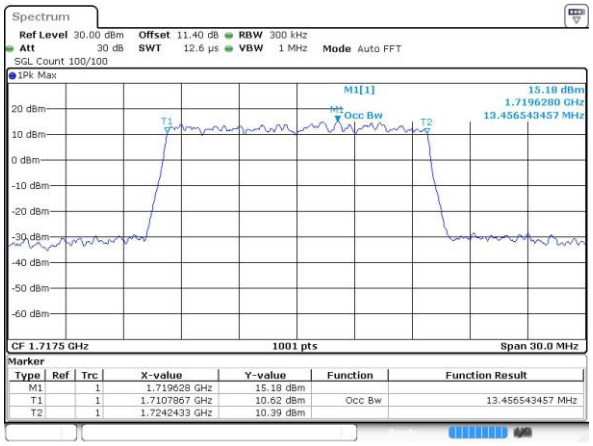


Highest Channel / 10MHz / 16QAM

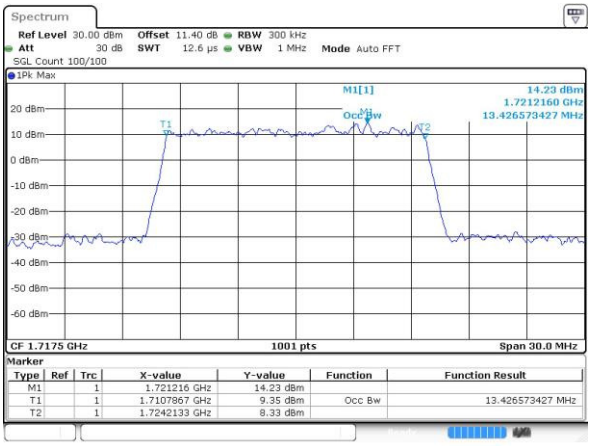


LTE Band 66

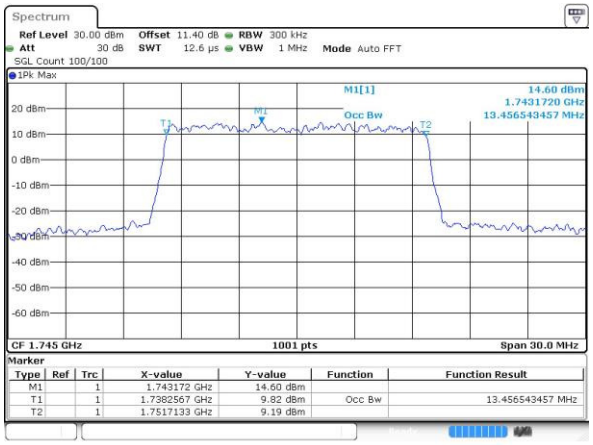
Lowest Channel / 15MHz / QPSK



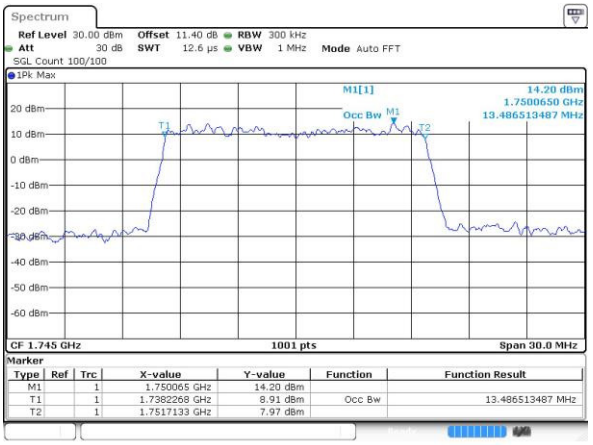
Lowest Channel / 15MHz / 16QAM



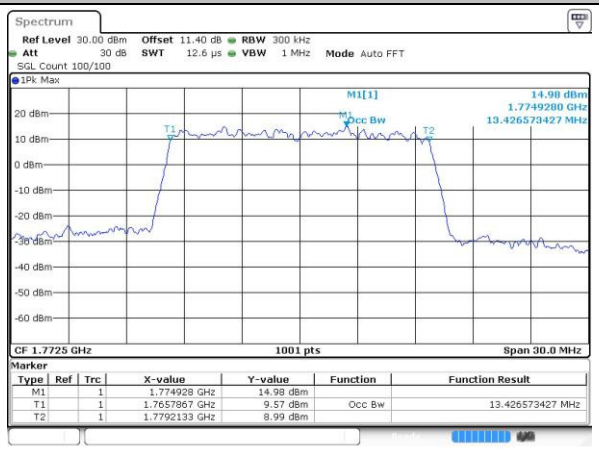
Middle Channel / 15MHz / QPSK



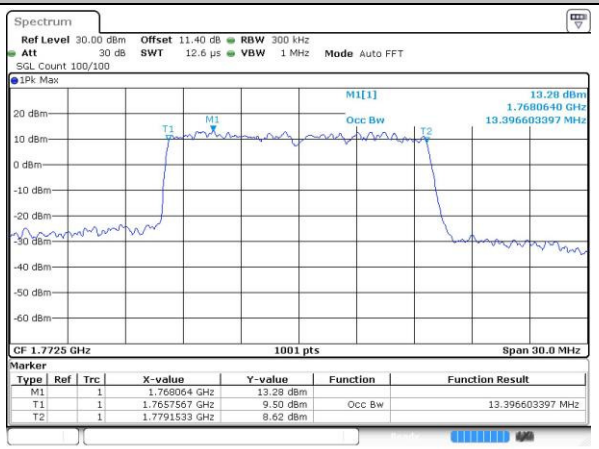
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

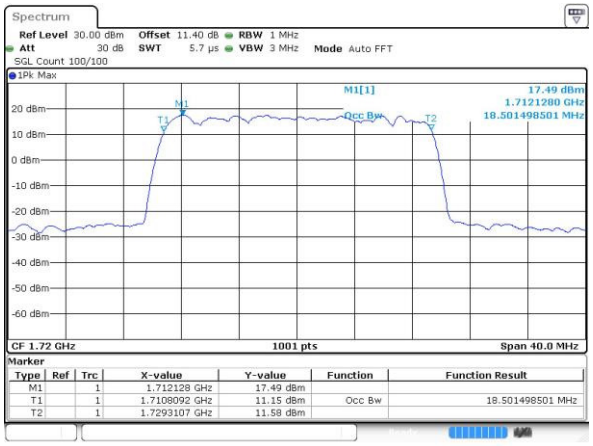


Highest Channel / 15MHz / 16QAM

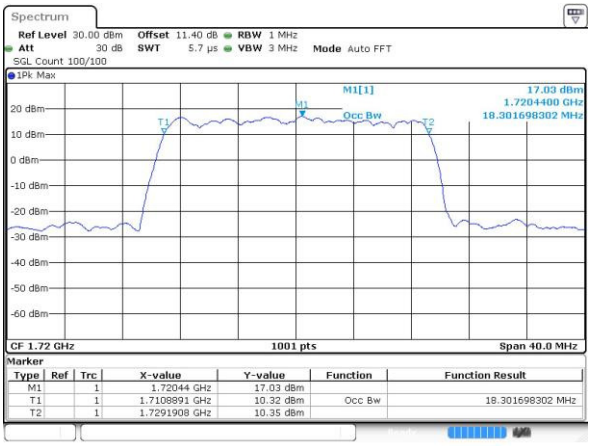


LTE Band 66

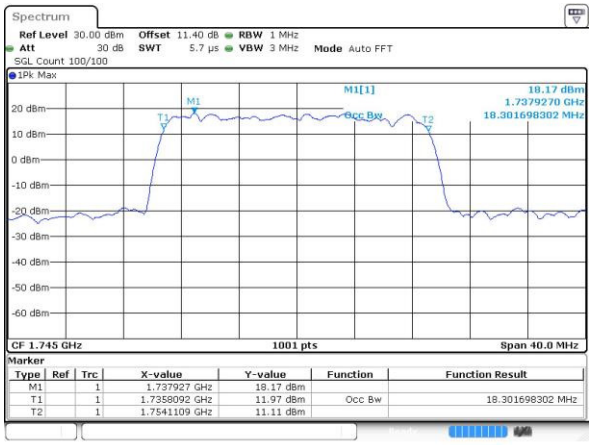
Lowest Channel / 20MHz / QPSK



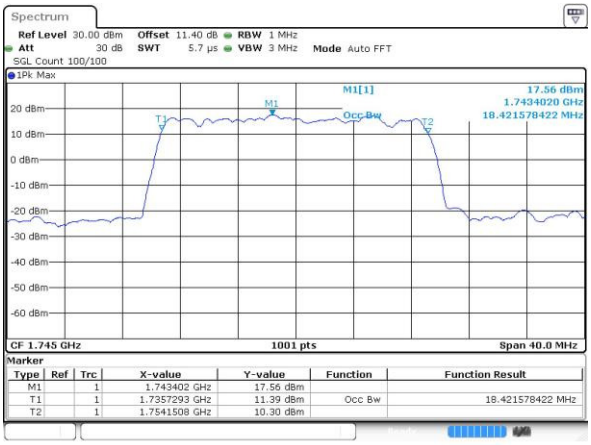
Lowest Channel / 20MHz / 16QAM



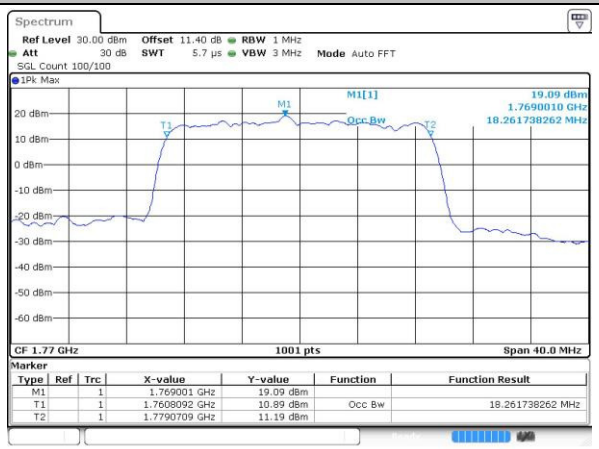
Middle Channel / 20MHz / QPSK



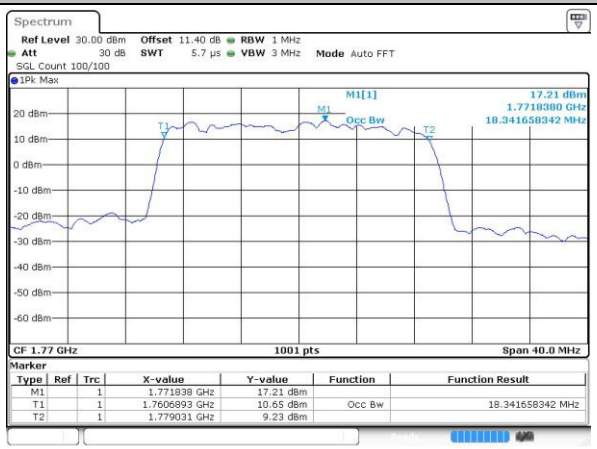
Middle Channel / 20MHz / 16QAM

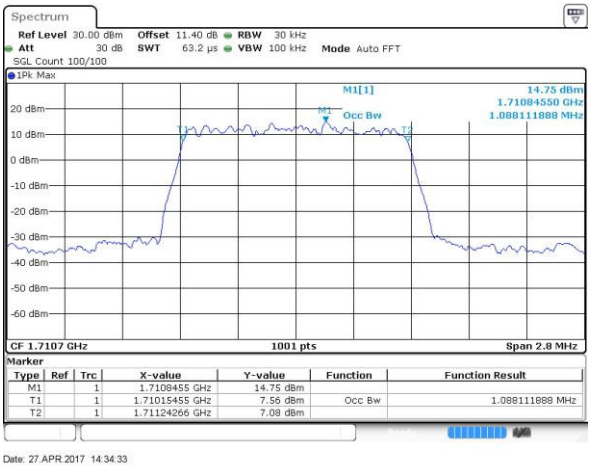
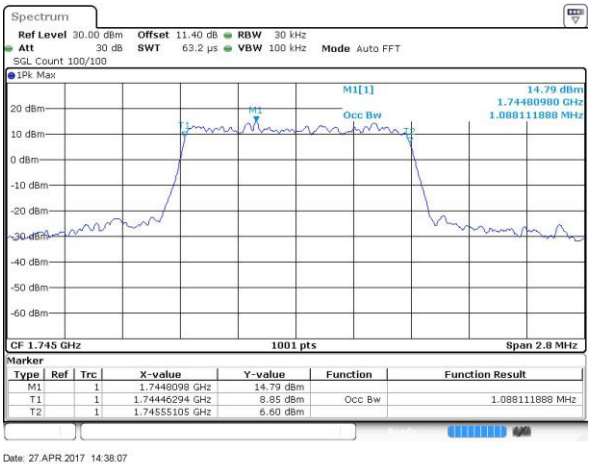
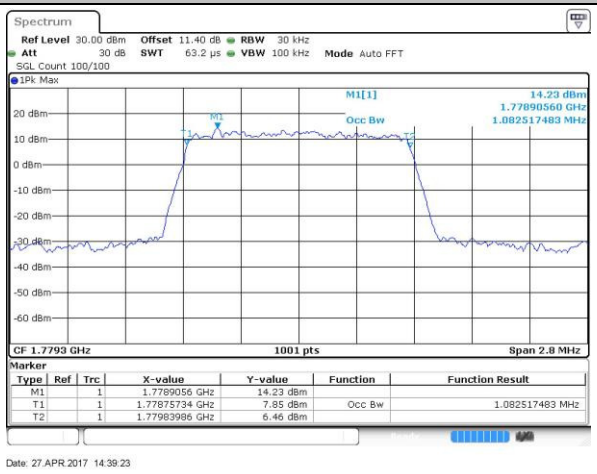


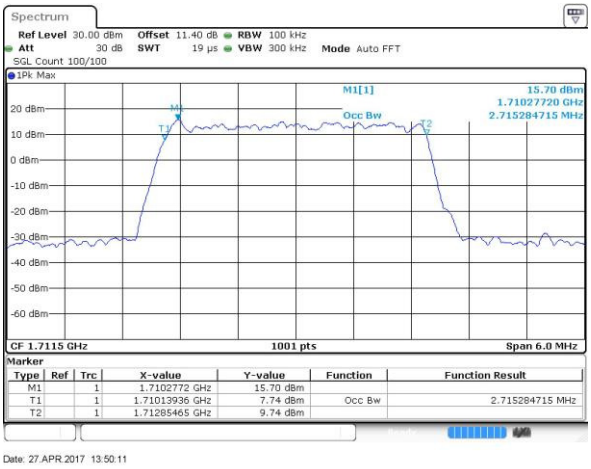
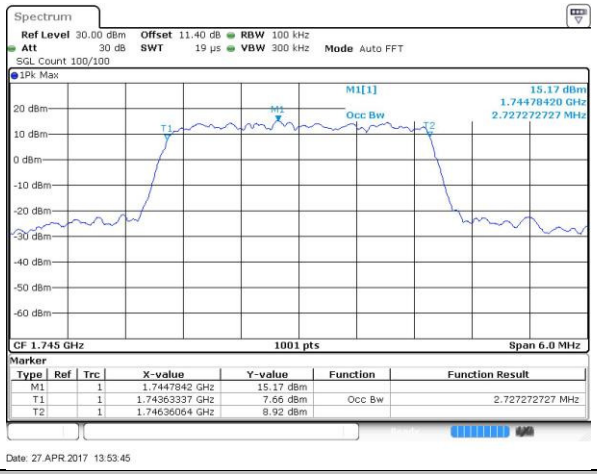
Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



LTE Band 66	
	Lowest Channel / 1.4MHz / 64QAM
	
	Middle Channel / 1.4MHz / 64QAM
	
	Highest Channel / 1.4MHz / 64QAM
	

LTE Band 66	
	Lowest Channel / 3MHz / 64QAM
	
	Middle Channel / 3MHz / 64QAM
	
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	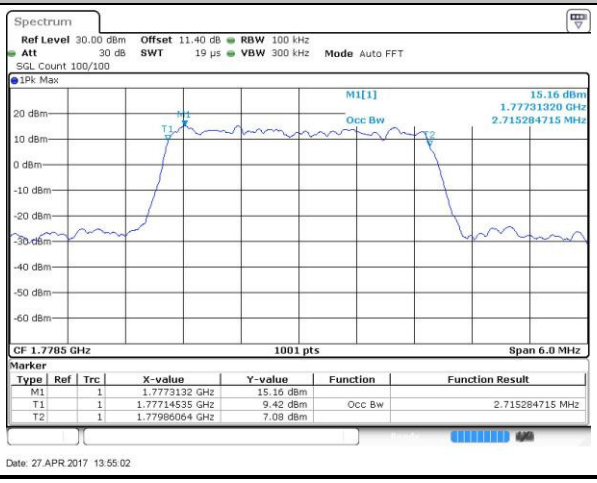

LTE Band 66	
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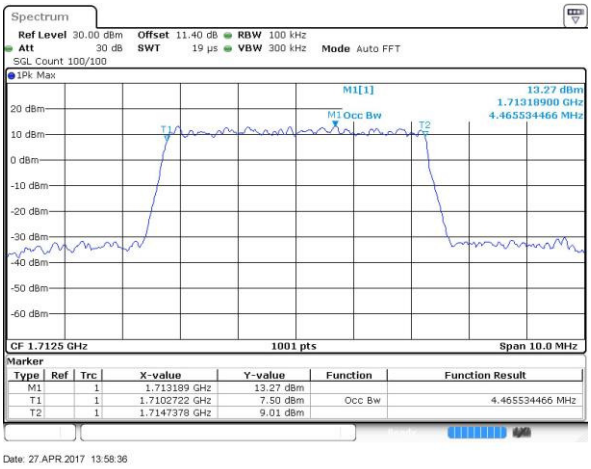
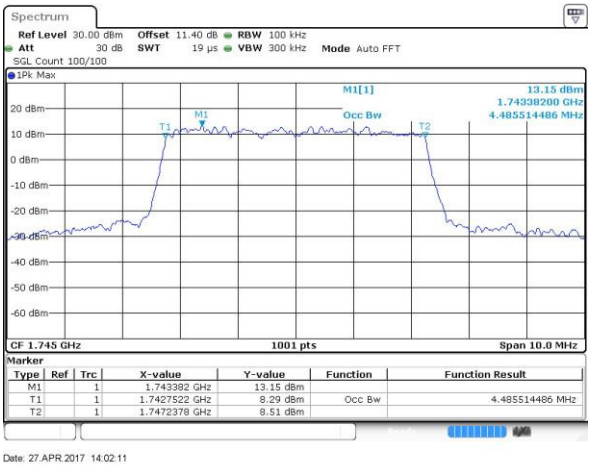
	
	Middle Channel / 5MHz / 64QAM
	
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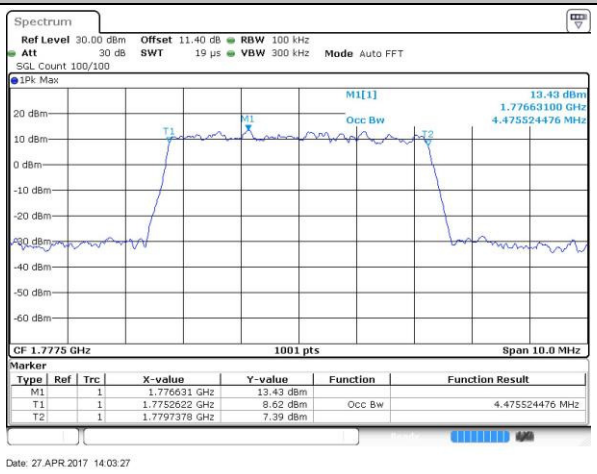
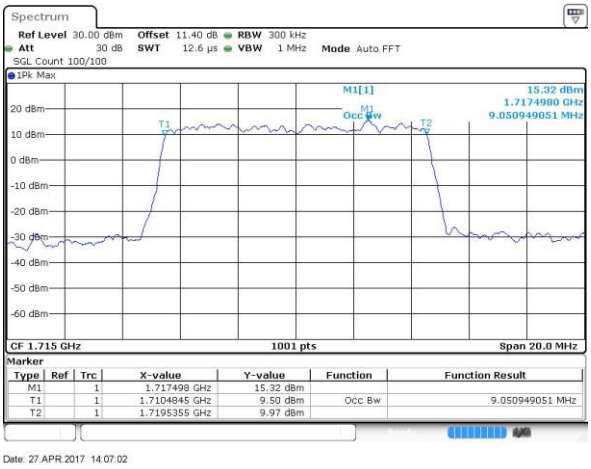
	

LTE Band 66	
	Lowest Channel / 10MHz / 64QAM
	
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	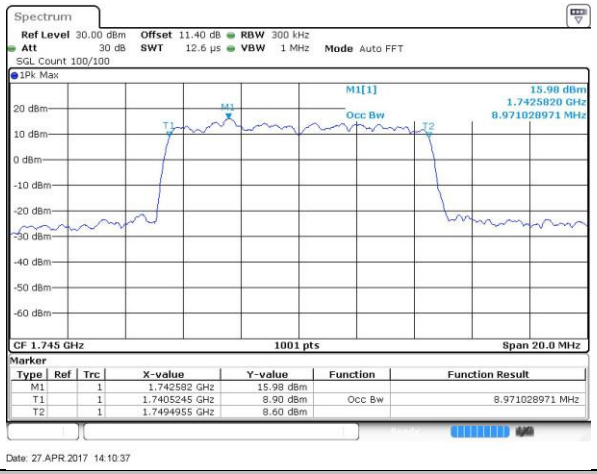
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	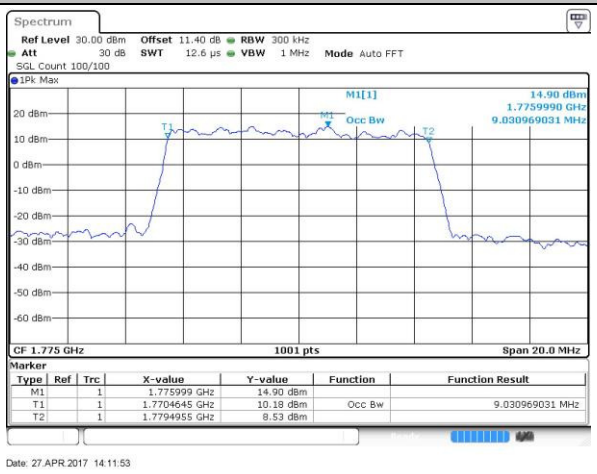

LTE Band 66	
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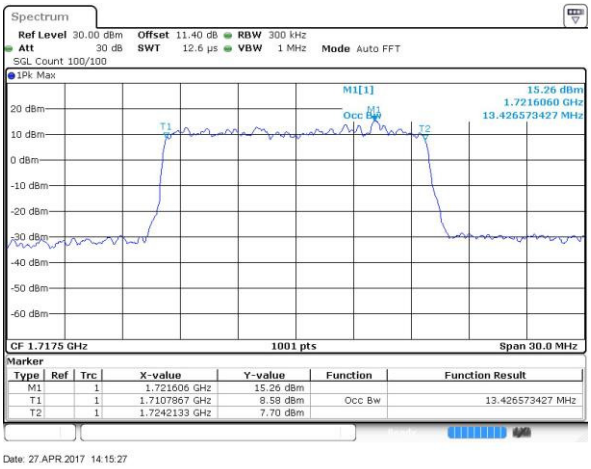
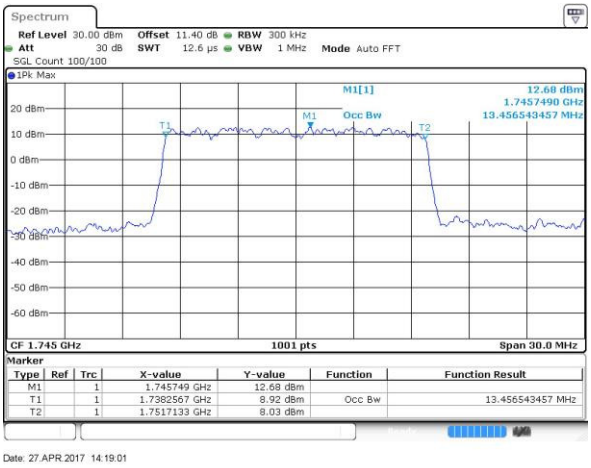
	
	Middle Channel / 15MHz / 64QAM
	
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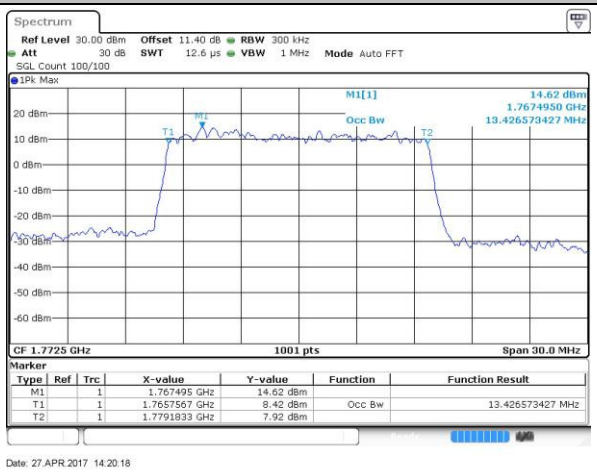
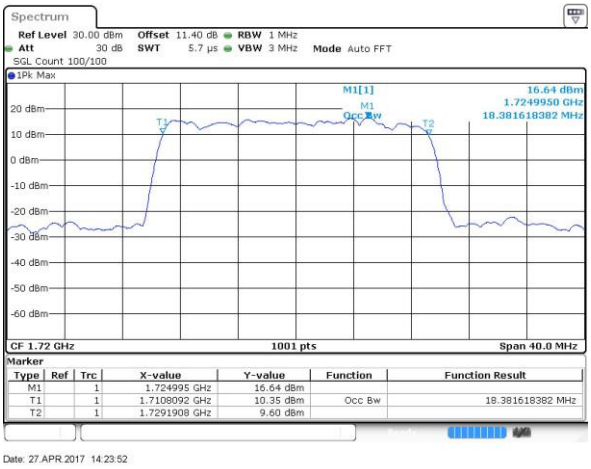
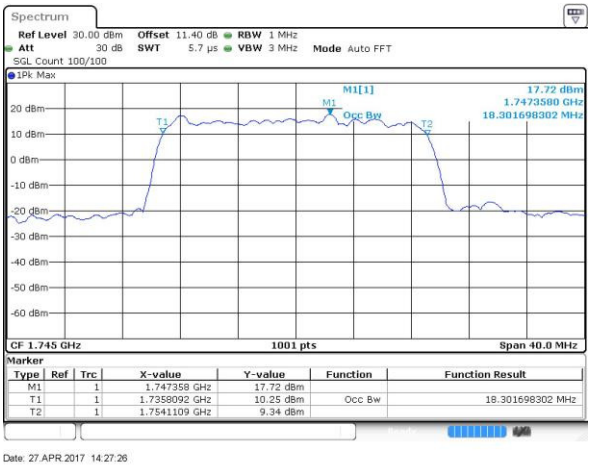
	

LTE Band 66	
	Lowest Channel / 20MHz / 64QAM
	
	Middle Channel / 20MHz / 64QAM
	
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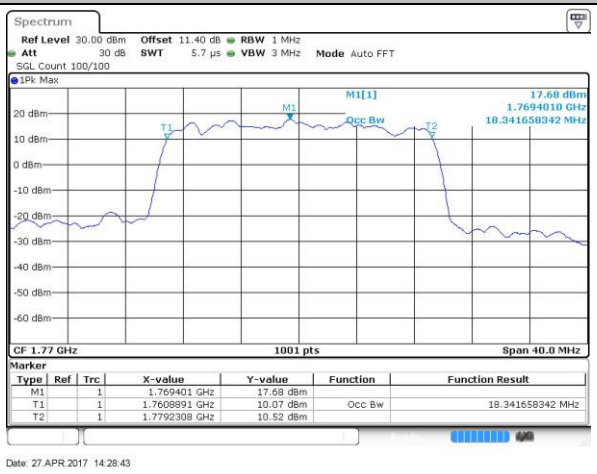
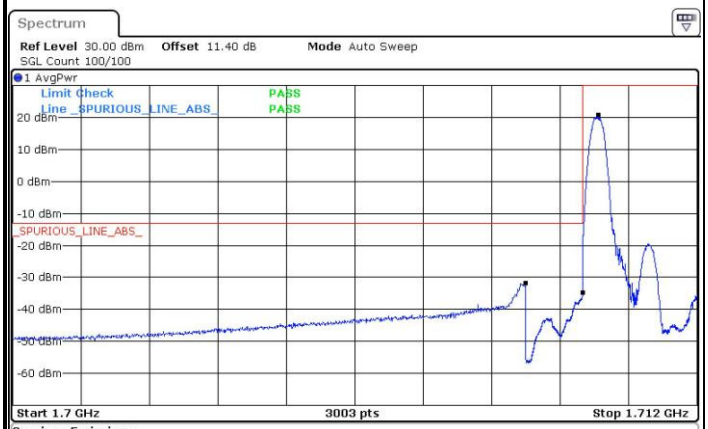
	

Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

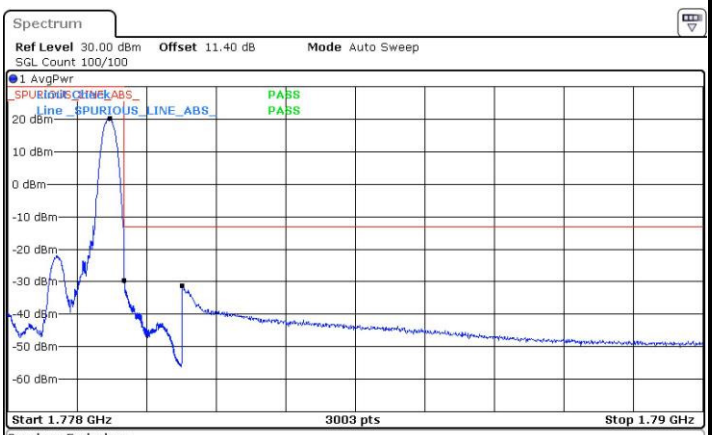


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-31.72 dBm	-18.72 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-34.65 dBm	-21.65 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71026 GHz	20.73 dBm	-9.27 dB

Date: 5.APR.2017 16:37:38

Highest Band Edge / 1RB

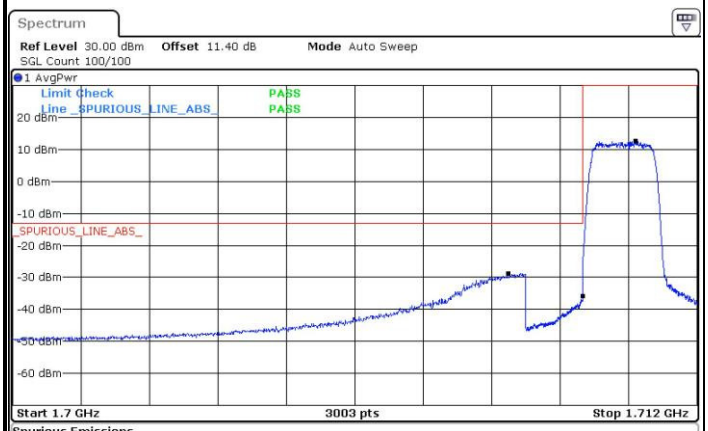


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77976 GHz	20.23 dBm	-9.77 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-29.74 dBm	-16.74 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-31.35 dBm	-18.35 dB

Date: 5.APR.2017 16:47:22

Lowest Band Edge / Full RB

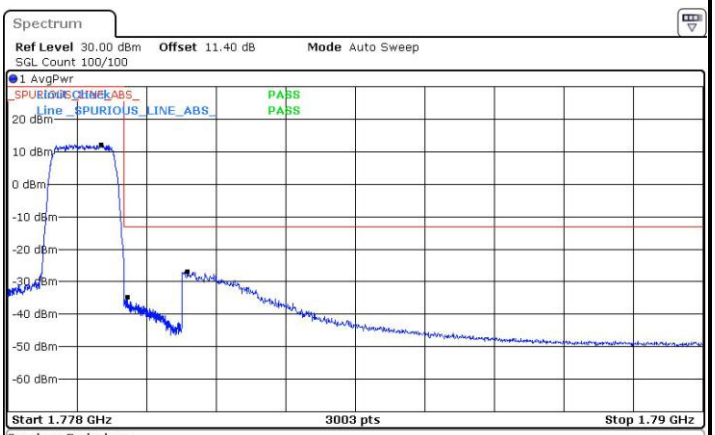


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70869 GHz	-28.69 dBm	-15.69 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-35.87 dBm	-22.87 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71092 GHz	12.77 dBm	-17.23 dB

Date: 5.APR.2017 16:39:57

Highest Band Edge / Full RB



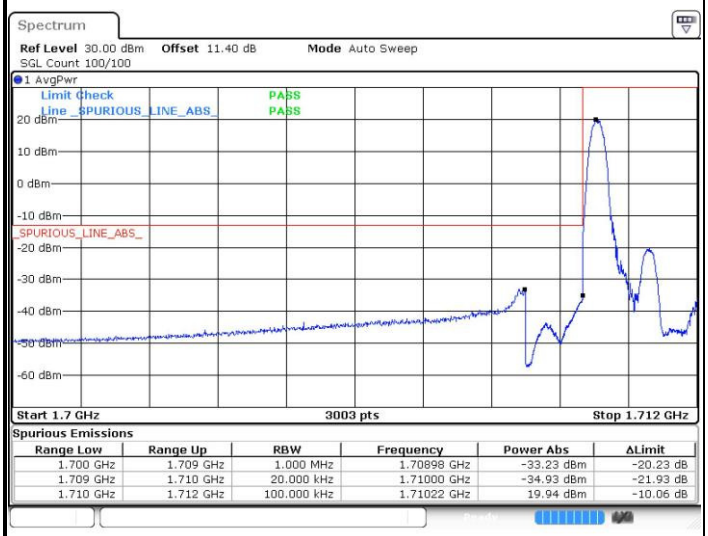
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77961 GHz	12.16 dBm	-17.84 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78007 GHz	-34.85 dBm	-21.85 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78110 GHz	-26.79 dBm	-13.79 dB

Date: 5.APR.2017 16:49:41

LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

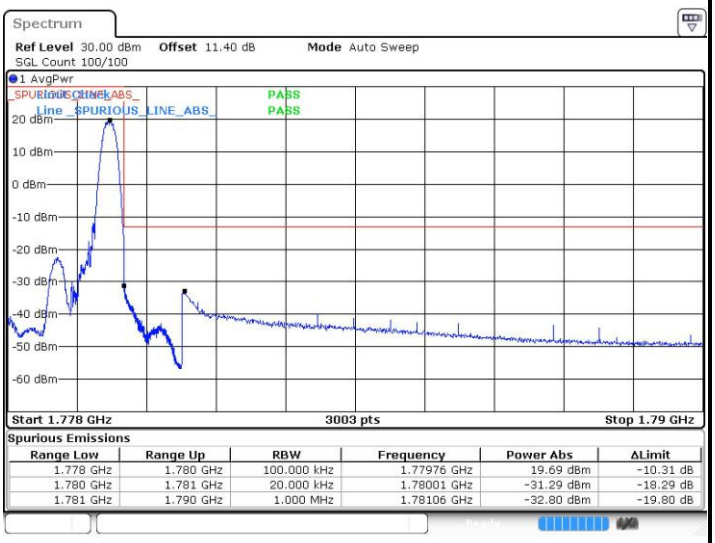


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-33.23 dBm	-20.23 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-34.93 dBm	-21.93 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71022 GHz	19.94 dBm	-10.06 dB

Date: 5.APR.2017 16:38:48

Highest Band Edge / 1 RB

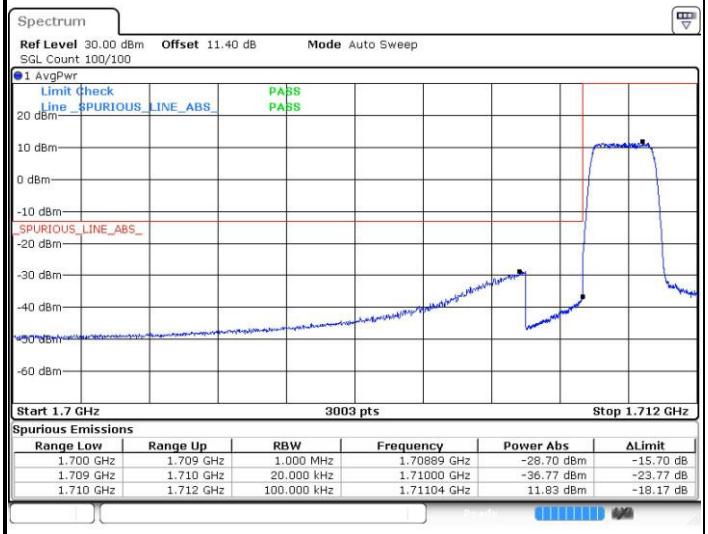


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77976 GHz	19.69 dBm	-10.31 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78001 GHz	-31.29 dBm	-18.29 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78106 GHz	-32.80 dBm	-19.80 dB

Date: 5.APR.2017 16:48:31

Lowest Band Edge / Full RB

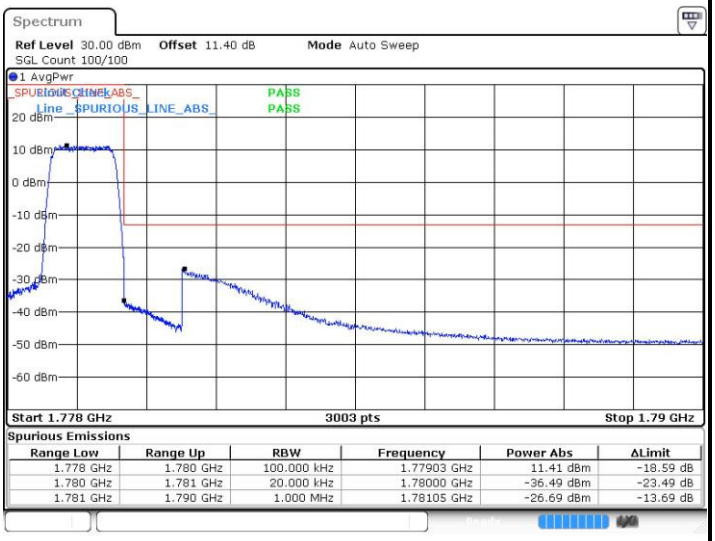


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70889 GHz	-28.70 dBm	-15.70 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-36.77 dBm	-23.77 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71104 GHz	11.83 dBm	-18.17 dB

Date: 5.APR.2017 16:41:06

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77903 GHz	11.41 dBm	-18.59 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-36.49 dBm	-23.49 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78105 GHz	-26.69 dBm	-13.69 dB

Date: 5.APR.2017 16:50:51