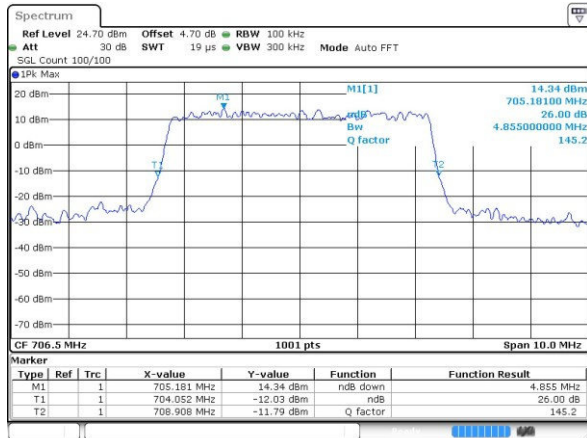




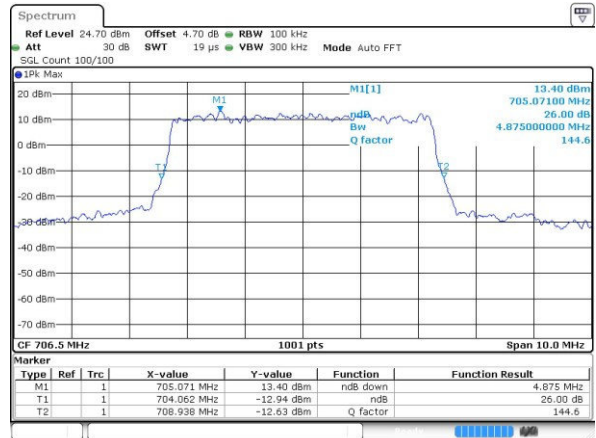
## LTE Band 17

## Lowest Channel / 5MHz / QPSK



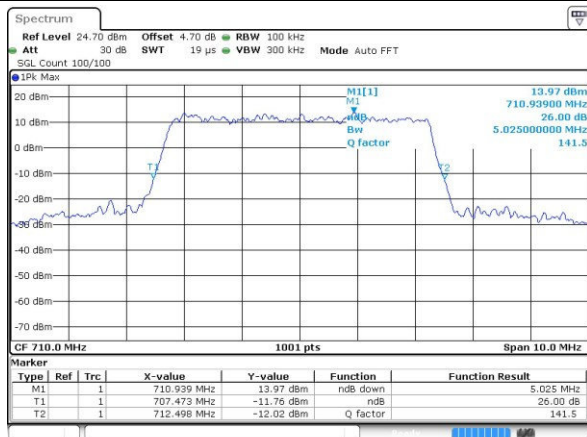
Date: 20 MAR 2017 22:19:34

## Lowest Channel / 5MHz / 16QAM



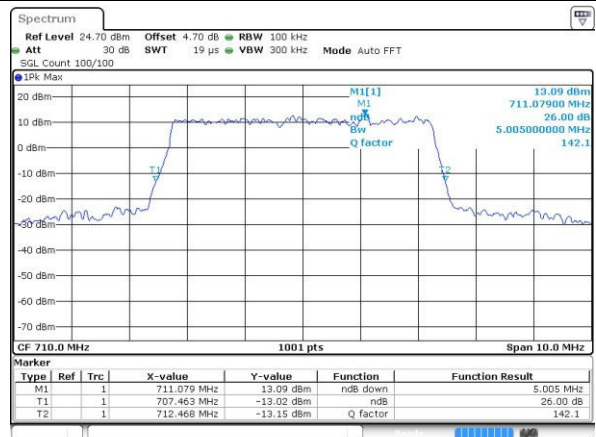
Date: 20 MAR 2017 22:19:45

## Middle Channel / 5MHz / QPSK



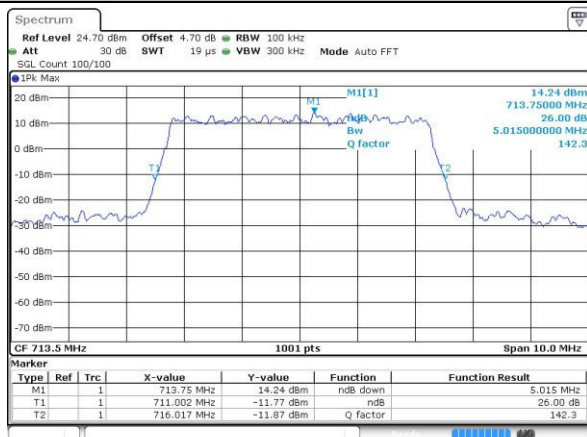
Date: 20 MAR 2017 22:26:44

## Middle Channel / 5MHz / 16QAM



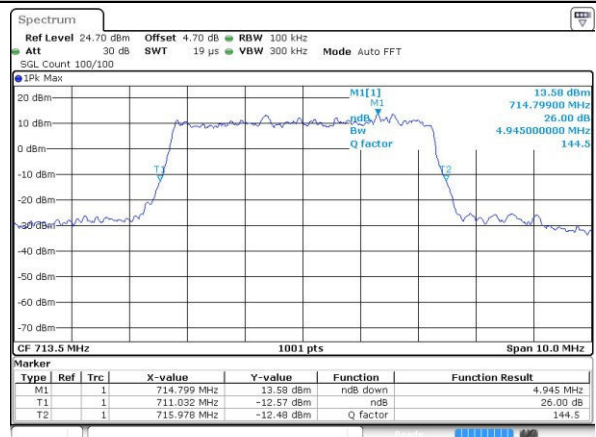
Date: 20 MAR 2017 22:26:55

## Highest Channel / 5MHz / QPSK



Date: 20 MAR 2017 22:29:19

## Highest Channel / 5MHz / 16QAM

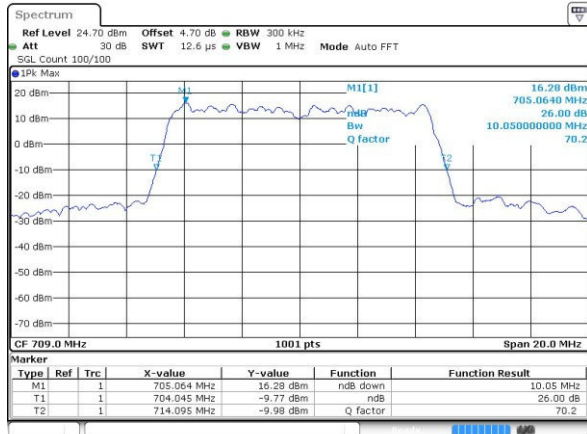


Date: 20 MAR 2017 22:29:30



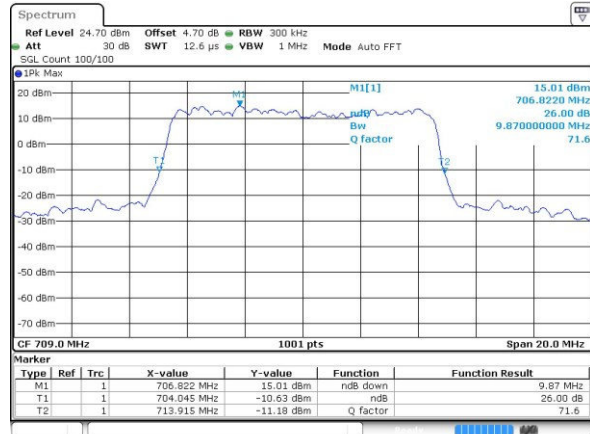
## LTE Band 17

## Lowest Channel / 10MHz / QPSK



Date: 20 MAR 2017 22:36:28

## Lowest Channel / 10MHz / 16QAM



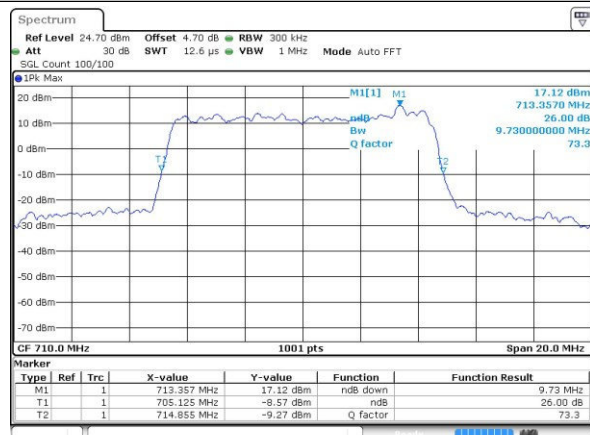
Date: 20 MAR 2017 22:36:39

## Middle Channel / 10MHz / QPSK



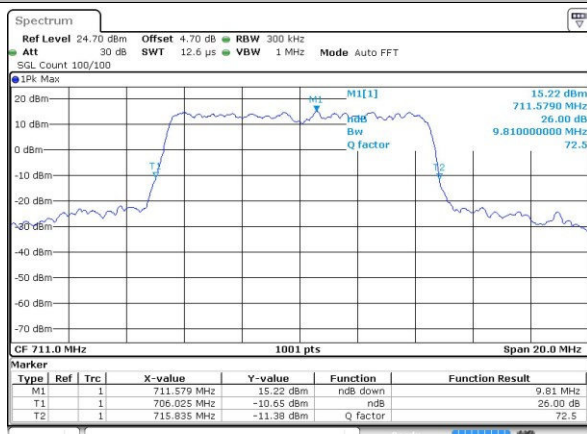
Date: 20 MAR 2017 22:43:38

## Middle Channel / 10MHz / 16QAM



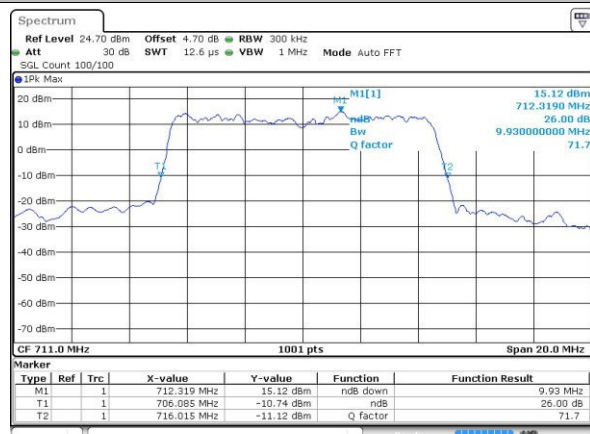
Date: 20 MAR 2017 22:43:49

## Highest Channel / 10MHz / QPSK



Date: 20 MAR 2017 22:46:13

## Highest Channel / 10MHz / 16QAM



Date: 20 MAR 2017 22:46:24

**Occupied Bandwidth**

Mode	LTE Band 2 : 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	4.51	4.49	8.99	9.05	13.4	13.46	18.42	18.42
Middle CH	1.1	1.09	2.72	2.71	4.48	4.47	8.99	9.01	13.4	13.46	18.38	18.46
Highest CH	1.09	1.09	2.71	2.74	4.49	4.5	9.09	9.05	13.46	13.4	18.3	18.3

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	2.72	2.72	4.49	4.51	9.01	9.01	13.46	13.40	18.26	18.26
Middle CH	1.09	1.09	2.71	2.72	4.51	4.50	9.03	8.99	13.46	13.43	18.42	18.50
Highest CH	1.09	1.09	2.72	2.72	4.49	4.50	9.03	8.99	13.43	13.46	18.34	18.38

Mode	LTE Band 5 : 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	1.1	2.72	2.7	4.49	4.49	9.01	9.03	-	-	-	-
Middle CH	1.1	1.09	2.7	2.72	4.49	4.49	9.01	8.99	-	-	-	-
Highest CH	1.09	1.1	2.72	2.73	4.48	4.48	9.05	8.99	-	-	-	-

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	-	-	-	-	4.49	4.48	9.07	8.97	13.49	13.46	18.22	18.5
Middle CH	-	-	-	-	4.51	4.48	9.05	9.03	13.46	13.43	18.34	18.34
Highest CH	-	-	-	-	4.49	4.5	9.11	9.07	13.46	13.4	18.34	18.22



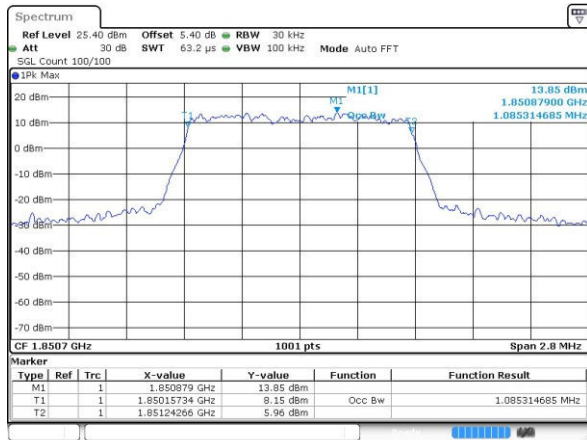
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.72	4.49	4.52	9.07	9.01	-	-	-	-
Middle CH	1.09	1.09	2.72	2.7	4.49	4.47	9.03	8.99	-	-	-	-
Highest CH	1.1	1.09	2.72	2.72	4.47	4.49	9.01	8.99	-	-	-	-

Mode	LTE Band 17 : 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	-	-	-	-	4.47	4.5	9.05	9.05	-	-	-	-
Middle CH	-	-	-	-	4.52	4.51	9.09	9.09	-	-	-	-
Highest CH	-	-	-	-	4.49	4.49	9.09	9.01	-	-	-	-

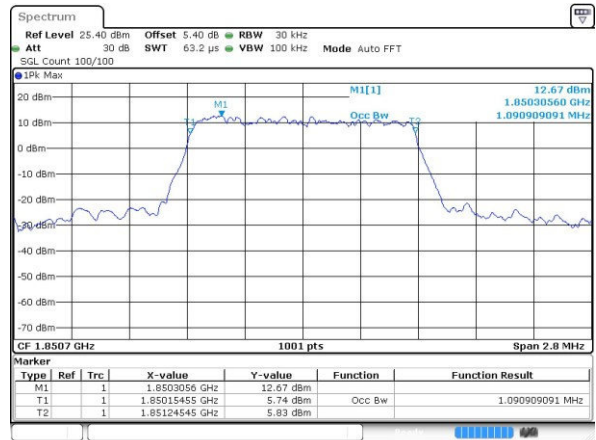


## LTE Band 2

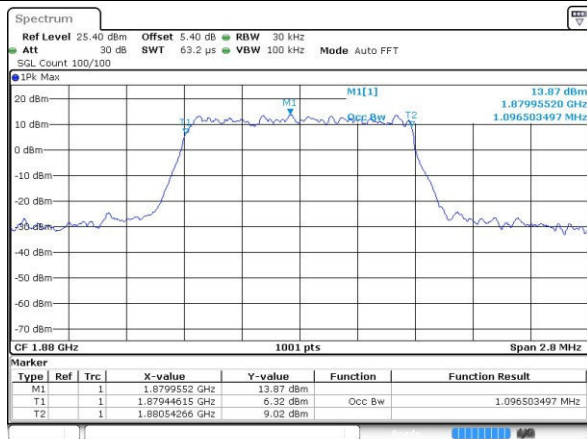
## Lowest Channel / 1.4MHz / QPSK



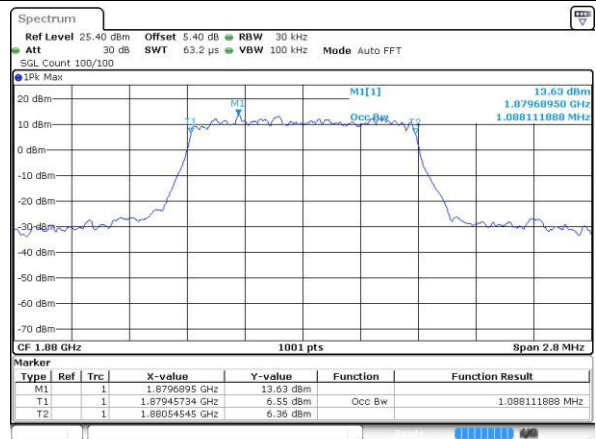
## Lowest Channel / 1.4MHz / 16QAM



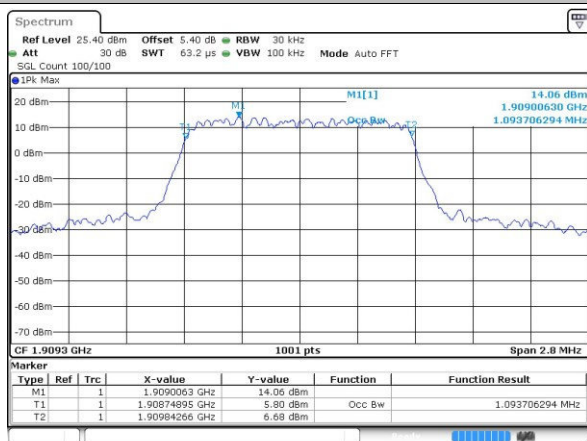
## Middle Channel / 1.4MHz / QPSK



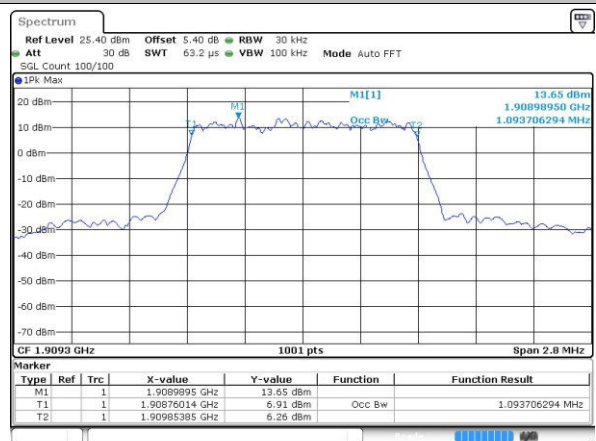
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



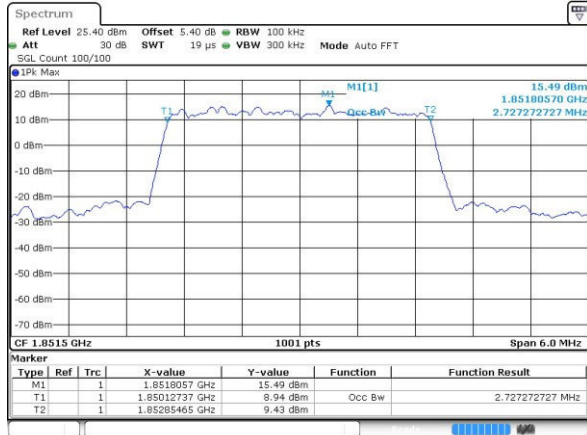
## Highest Channel / 1.4MHz / 16QAM



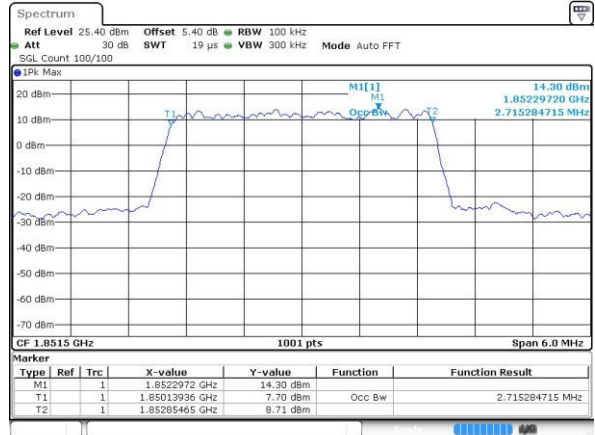


## LTE Band 2

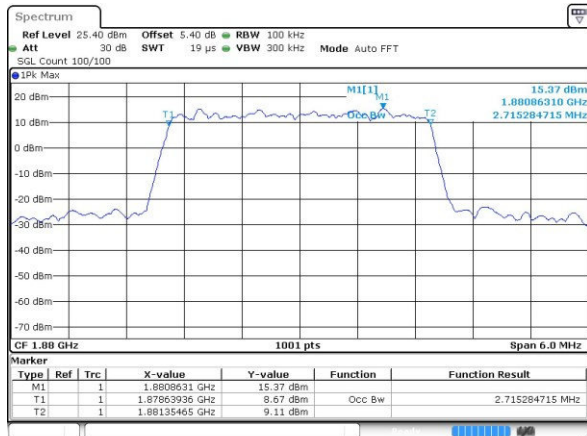
## Lowest Channel / 3MHz / QPSK



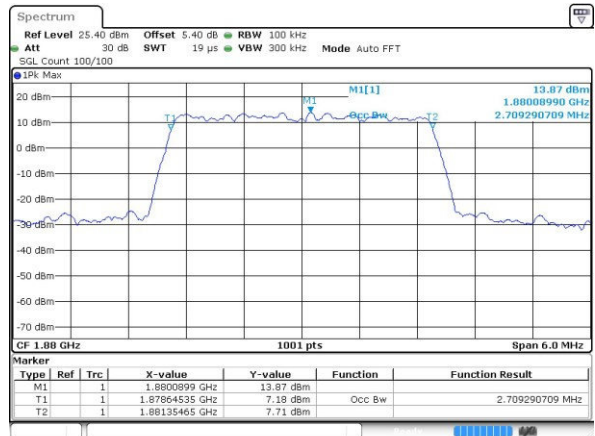
## Lowest Channel / 3MHz / 16QAM



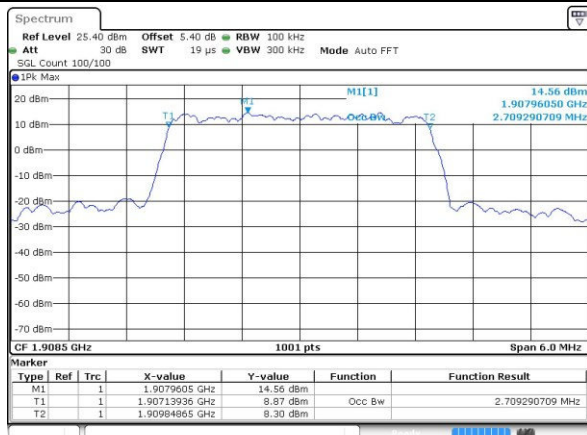
## Middle Channel / 3MHz / QPSK



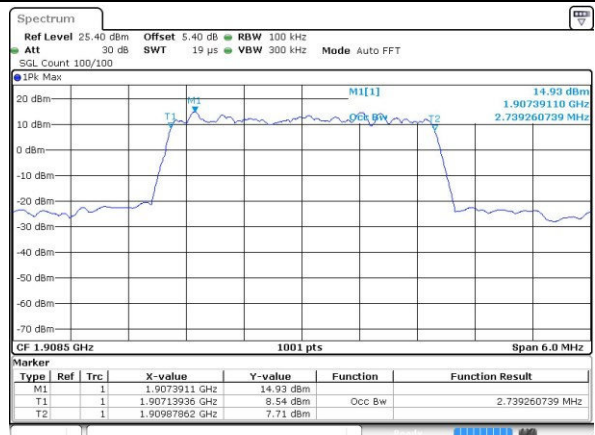
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



## Highest Channel / 3MHz / 16QAM

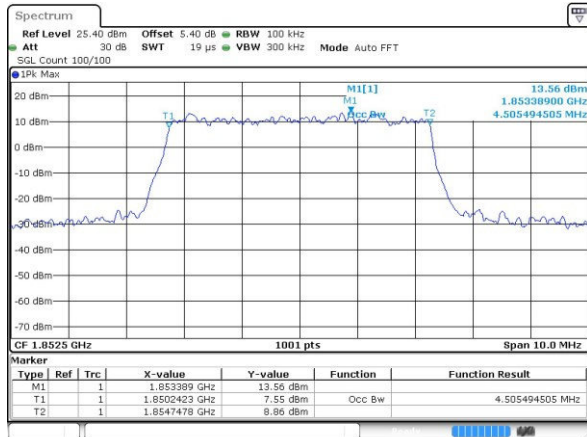






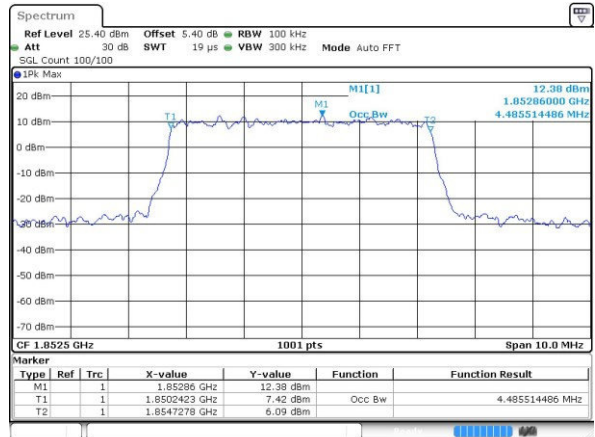
## LTE Band 2

## Lowest Channel / 5MHz / QPSK



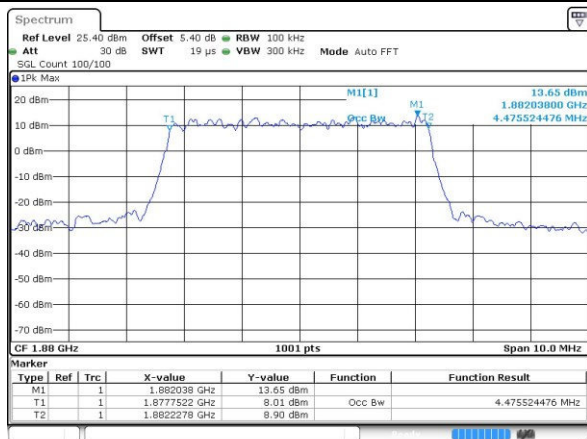
Date: 18 MAR 2017 10:20:59

## Lowest Channel / 5MHz / 16QAM



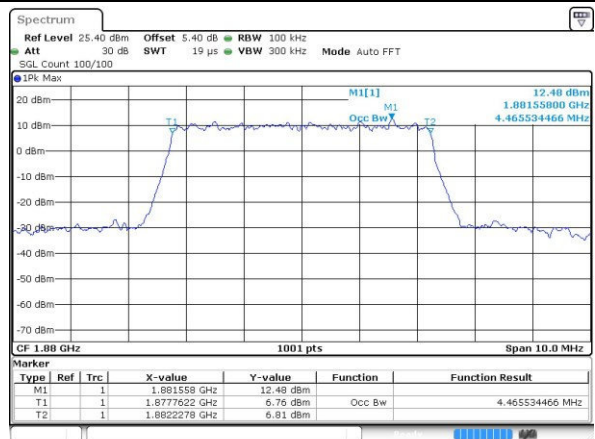
Date: 18 MAR 2017 10:21:09

## Middle Channel / 5MHz / QPSK



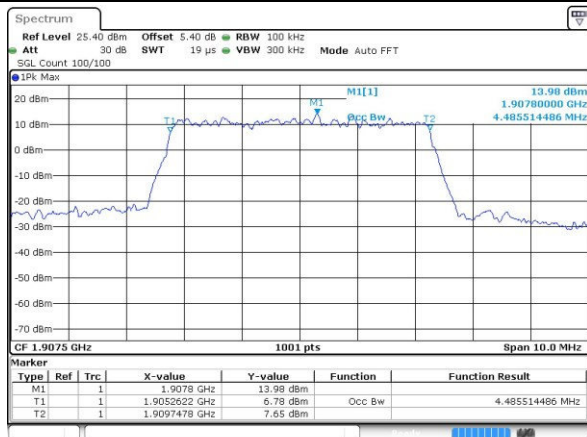
Date: 18 MAR 2017 10:28:04

## Middle Channel / 5MHz / 16QAM



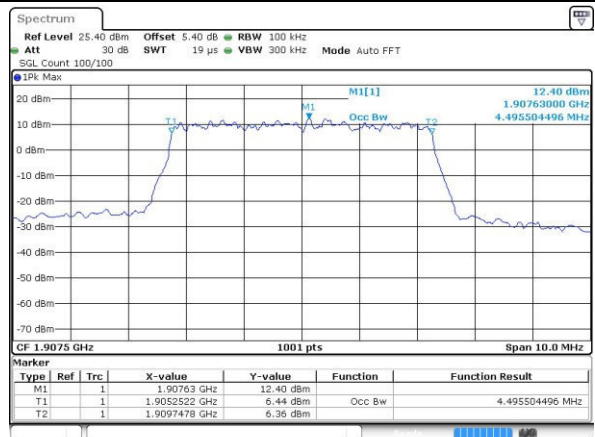
Date: 18 MAR 2017 10:28:15

## Highest Channel / 5MHz / QPSK



Date: 18 MAR 2017 10:30:37

## Highest Channel / 5MHz / 16QAM

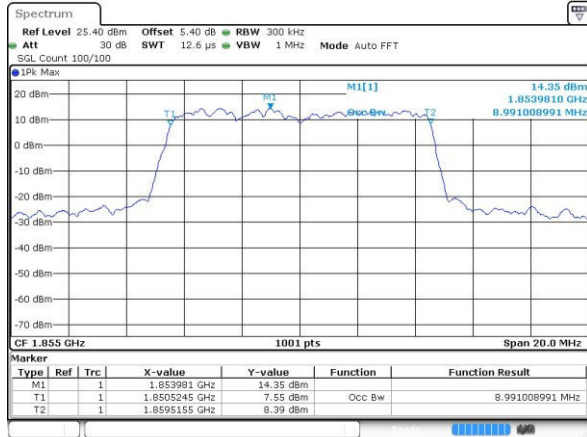


Date: 18 MAR 2017 10:30:48

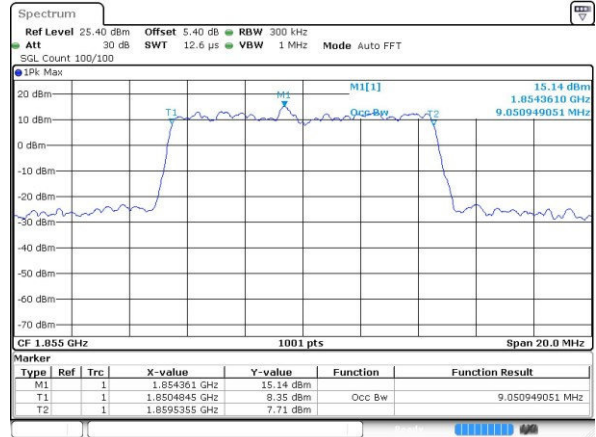


## LTE Band 2

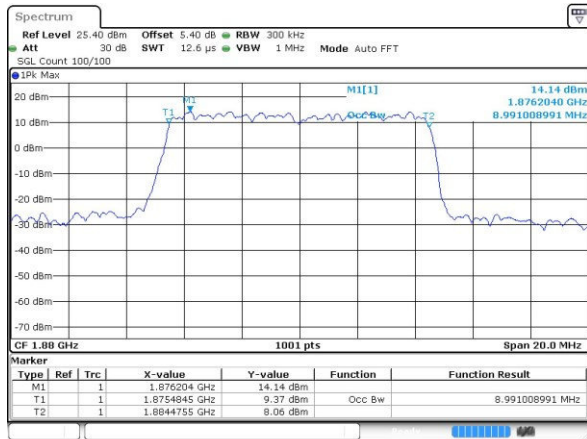
## Lowest Channel / 10MHz / QPSK



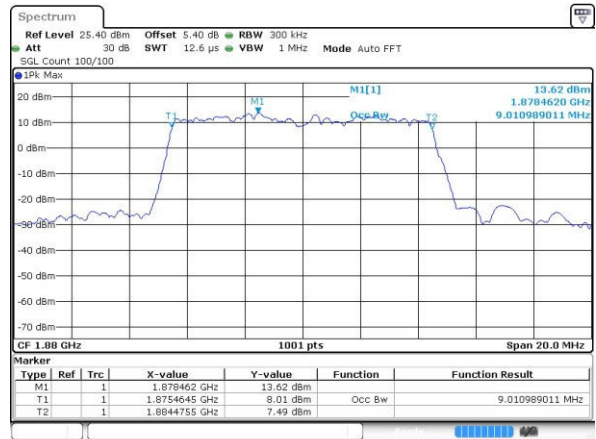
## Lowest Channel / 10MHz / 16QAM



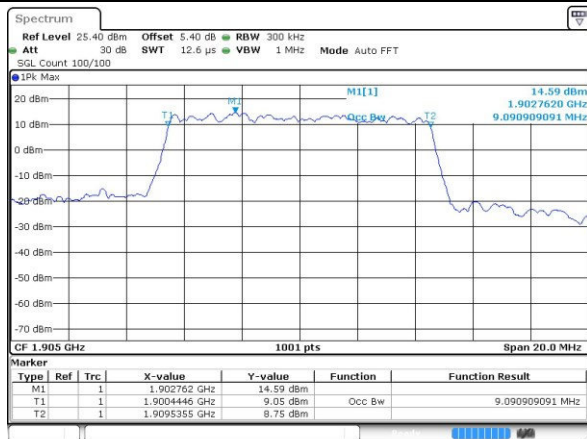
## Middle Channel / 10MHz / QPSK



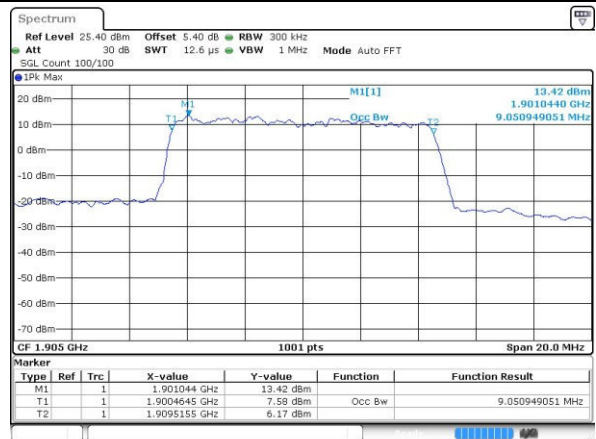
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



## Highest Channel / 10MHz / 16QAM

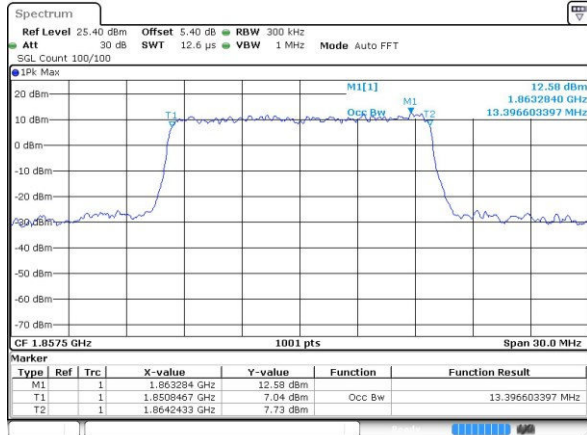






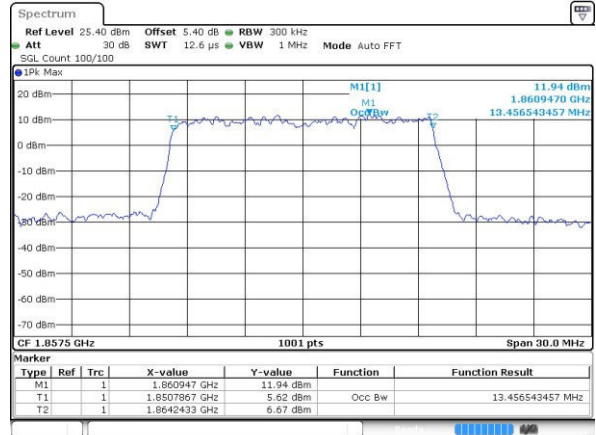
## LTE Band 2

## Lowest Channel / 15MHz / QPSK



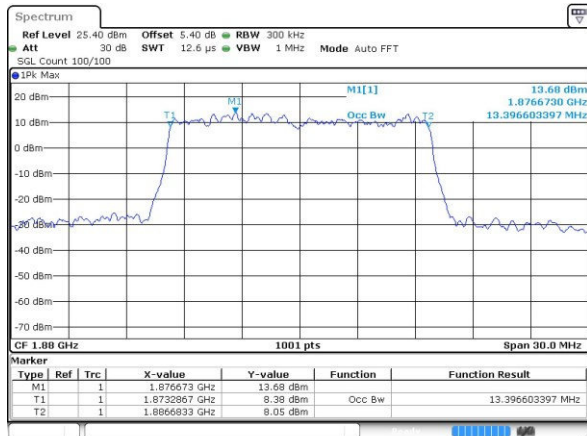
Date: 18 MAR 2017 10:54:28

## Lowest Channel / 15MHz / 16QAM



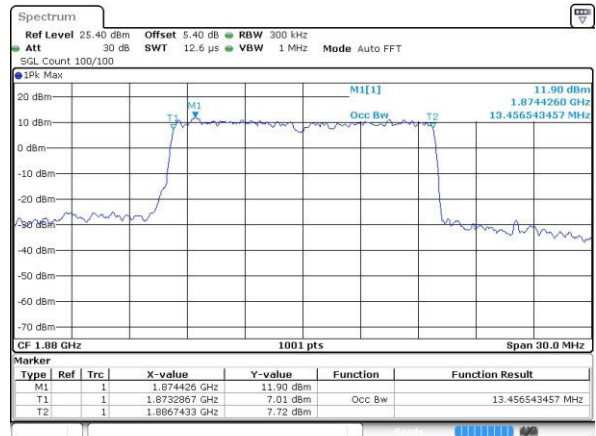
Date: 18 MAR 2017 10:54:38

## Middle Channel / 15MHz / QPSK



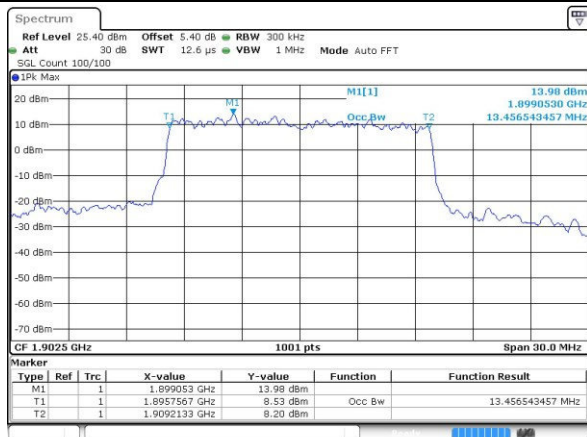
Date: 18 MAR 2017 11:01:34

## Middle Channel / 15MHz / 16QAM



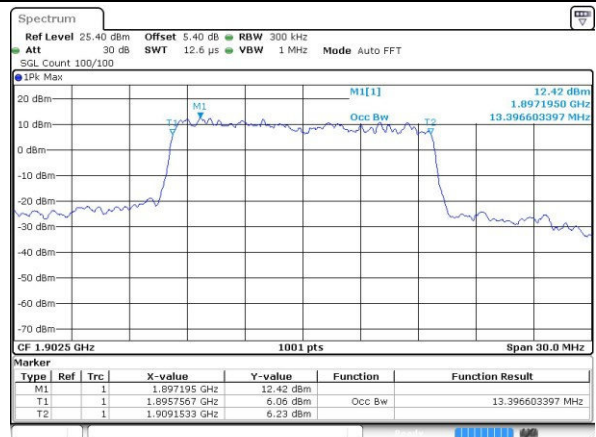
Date: 18 MAR 2017 11:01:44

## Highest Channel / 15MHz / QPSK



Date: 18 MAR 2017 11:04:07

## Highest Channel / 15MHz / 16QAM

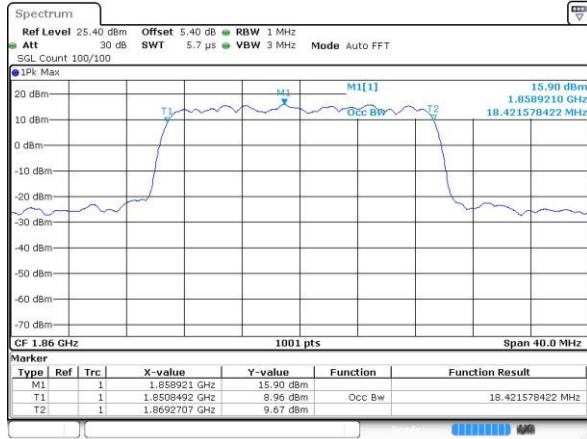


Date: 18 MAR 2017 11:04:17

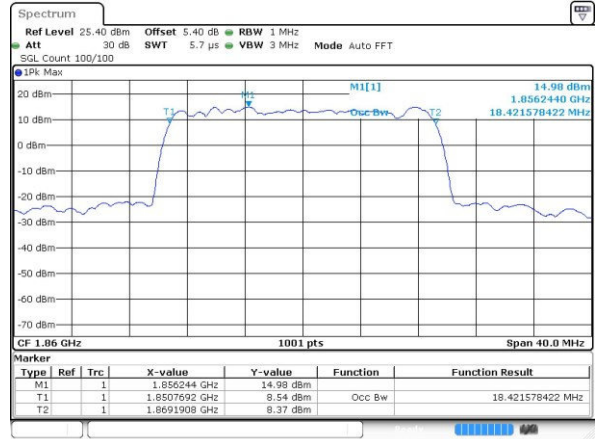


## LTE Band 2

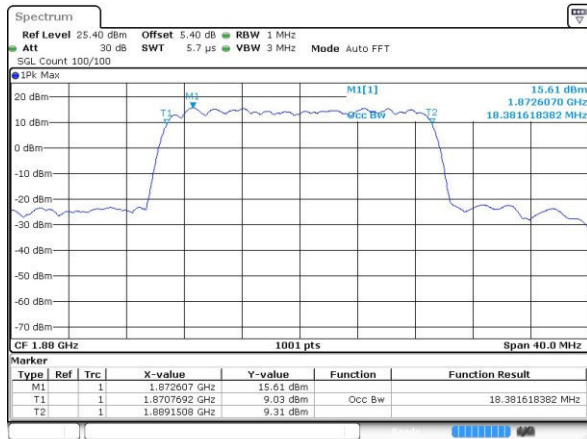
## Lowest Channel / 20MHz / QPSK



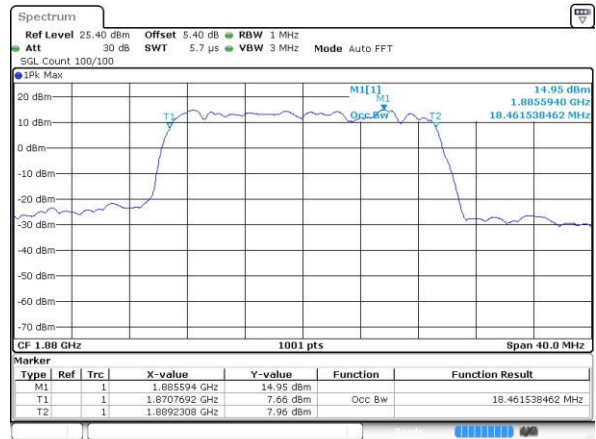
## Lowest Channel / 20MHz / 16QAM



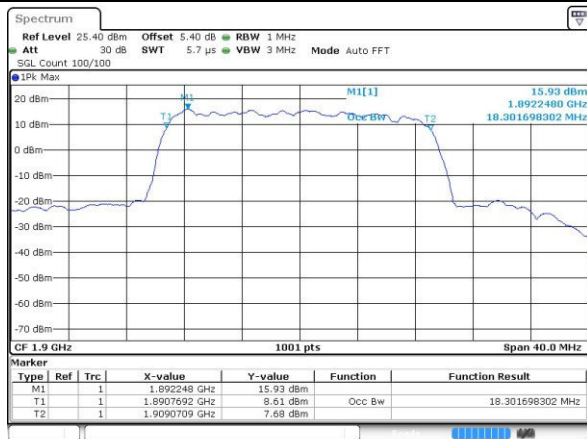
## Middle Channel / 20MHz / QPSK



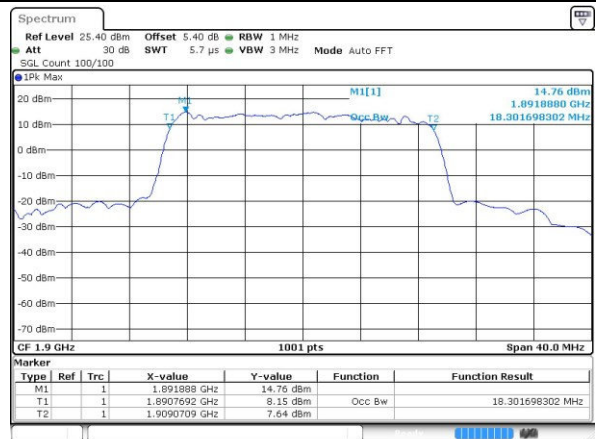
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



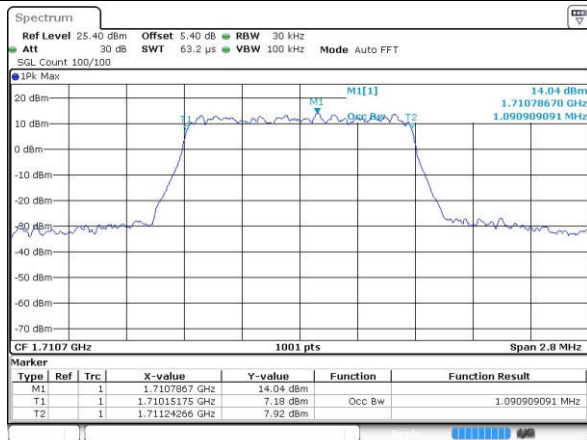
## Highest Channel / 20MHz / 16QAM



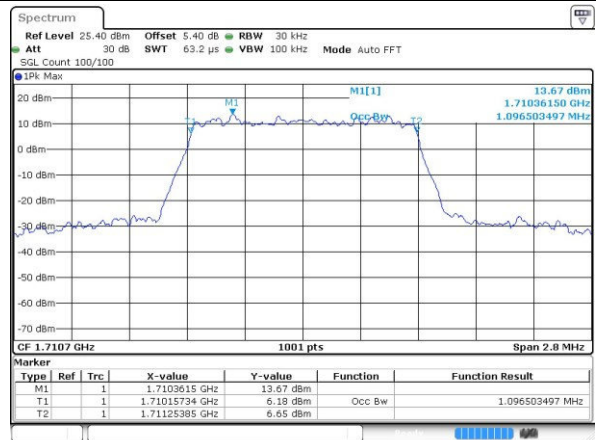


## LTE Band 4

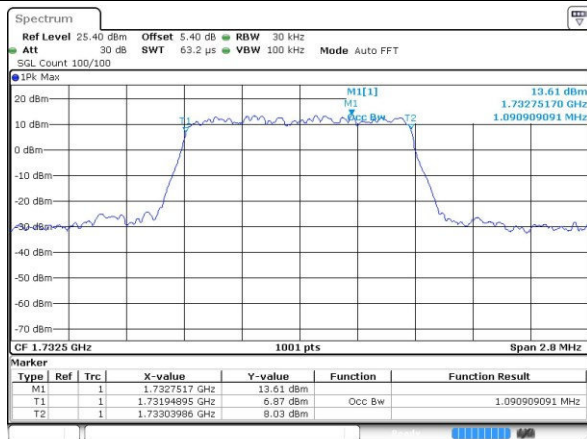
## Lowest Channel / 1.4MHz / QPSK



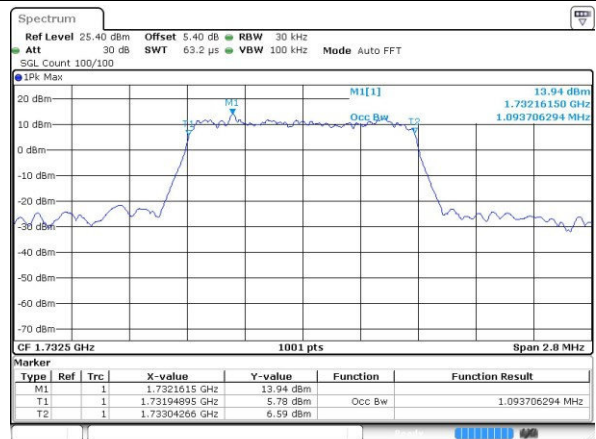
## Lowest Channel / 1.4MHz / 16QAM



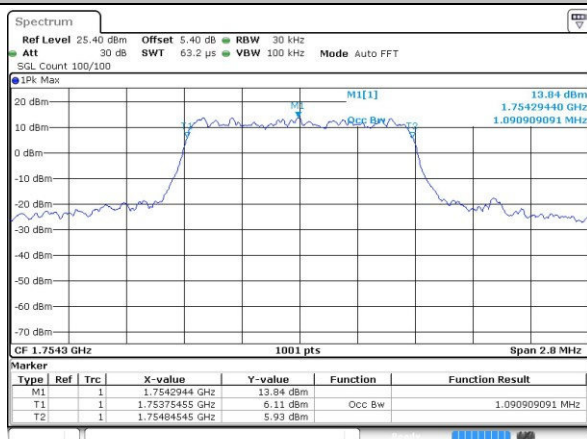
## Middle Channel / 1.4MHz / QPSK



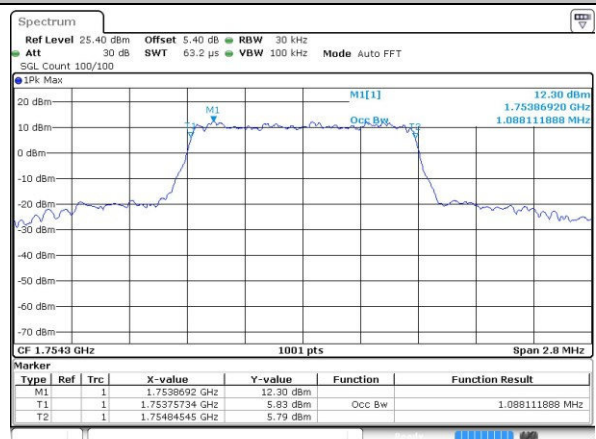
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



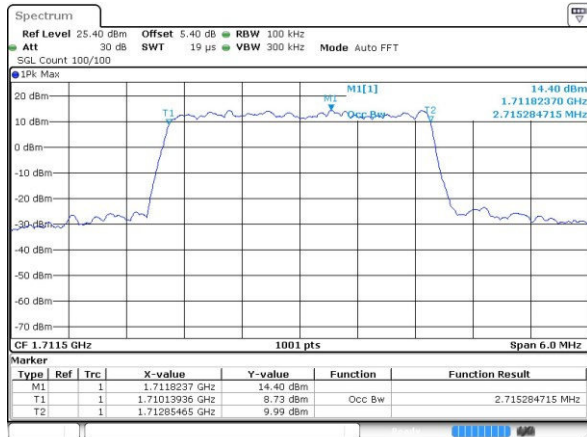
## Highest Channel / 1.4MHz / 16QAM





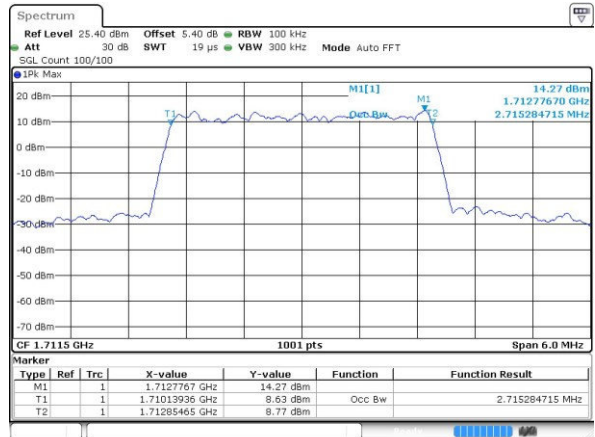
## LTE Band 4

## Lowest Channel / 3MHz / QPSK



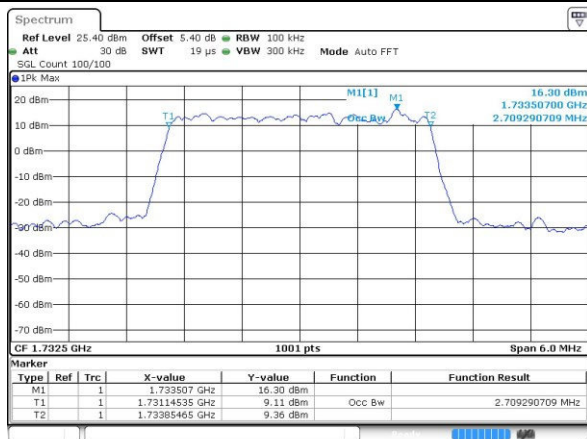
Date: 22 MAR 2017 16:54:32

## Lowest Channel / 3MHz / 16QAM



Date: 22 MAR 2017 16:54:43

## Middle Channel / 3MHz / QPSK



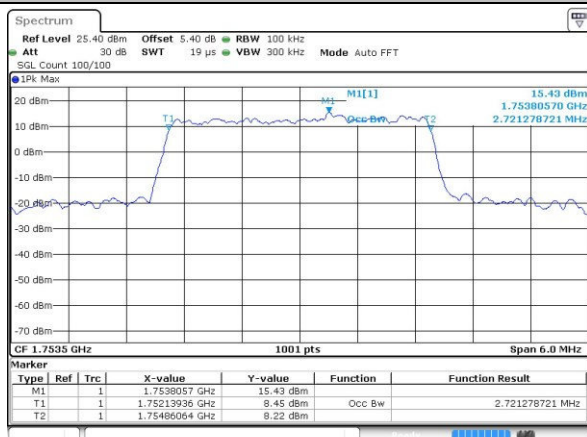
Date: 22 MAR 2017 17:01:38

## Middle Channel / 3MHz / 16QAM



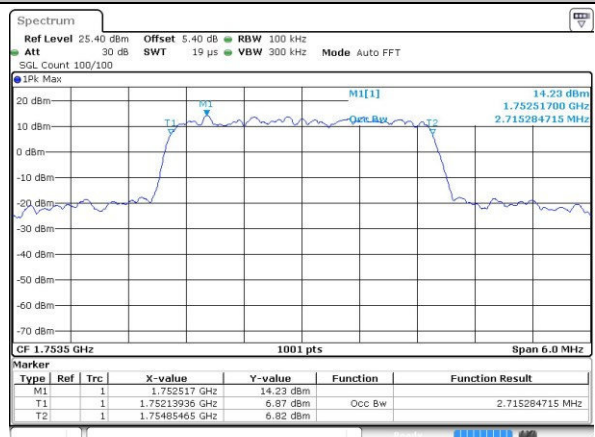
Date: 22 MAR 2017 17:01:49

## Highest Channel / 3MHz / QPSK



Date: 22 MAR 2017 17:04:12

## Highest Channel / 3MHz / 16QAM

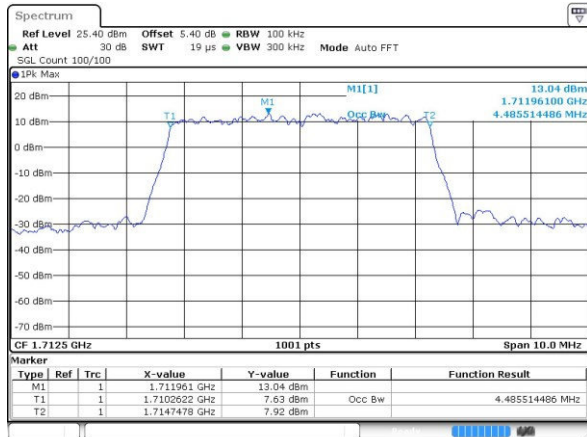


Date: 22 MAR 2017 17:04:22

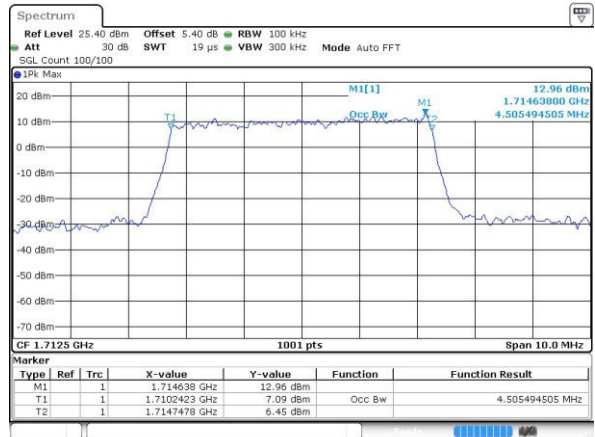


## LTE Band 4

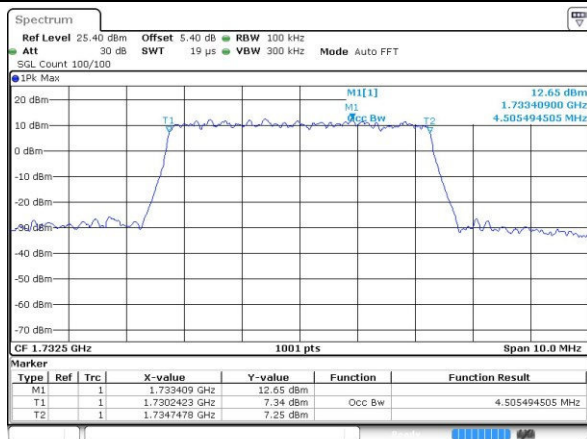
## Lowest Channel / 5MHz / QPSK



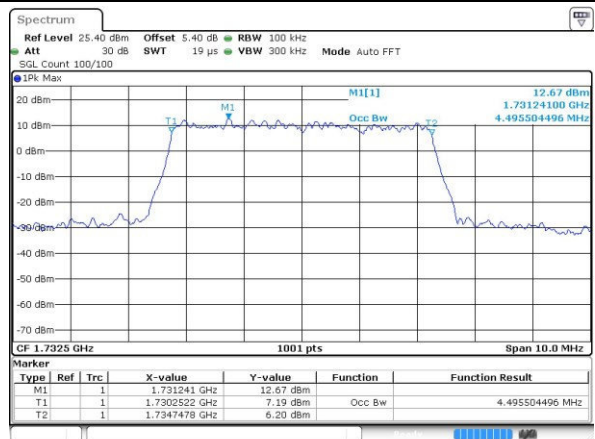
## Lowest Channel / 5MHz / 16QAM



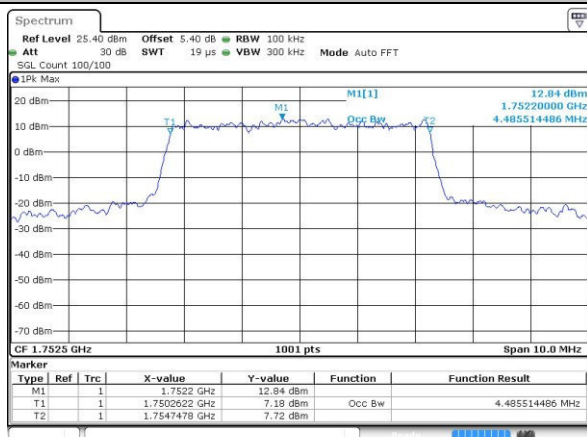
## Middle Channel / 5MHz / QPSK



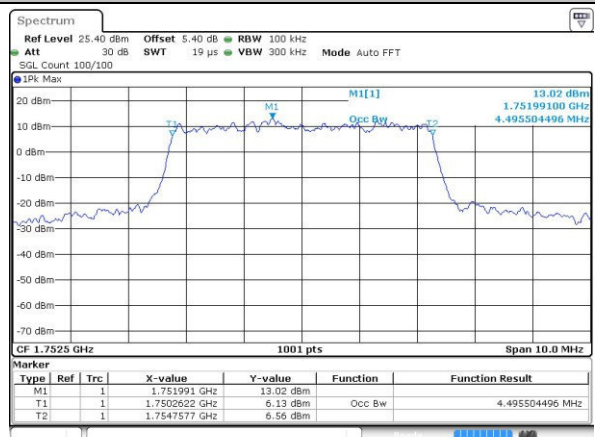
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



## Highest Channel / 5MHz / 16QAM

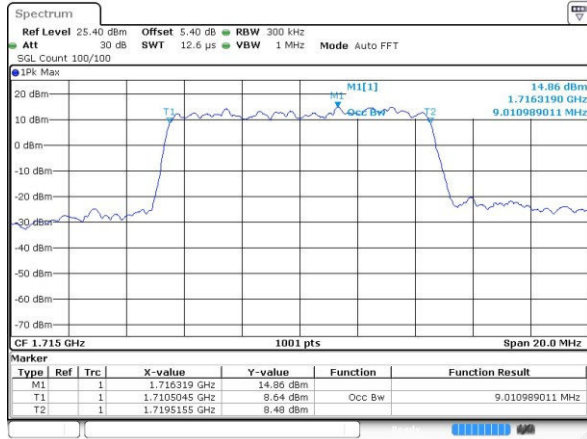




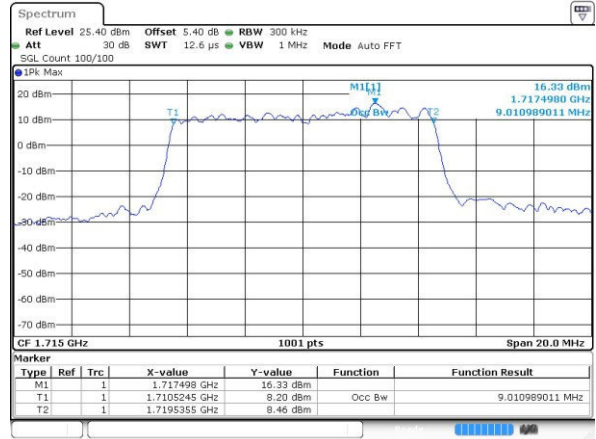


## LTE Band 4

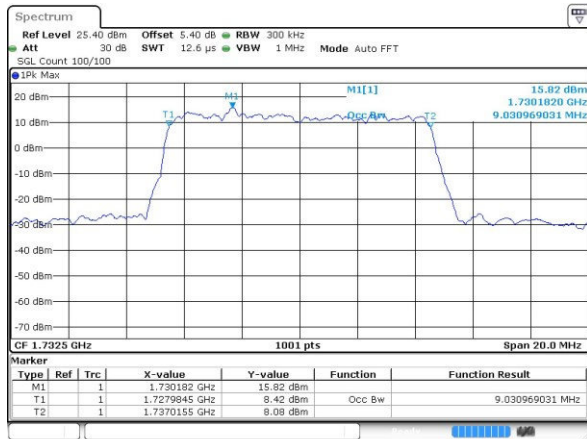
## Lowest Channel / 10MHz / QPSK



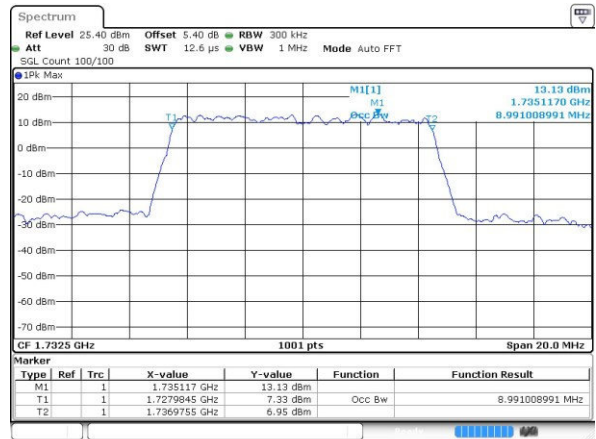
## Lowest Channel / 10MHz / 16QAM



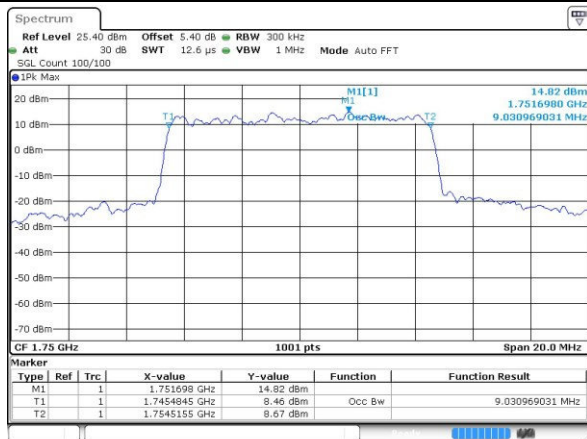
## Middle Channel / 10MHz / QPSK



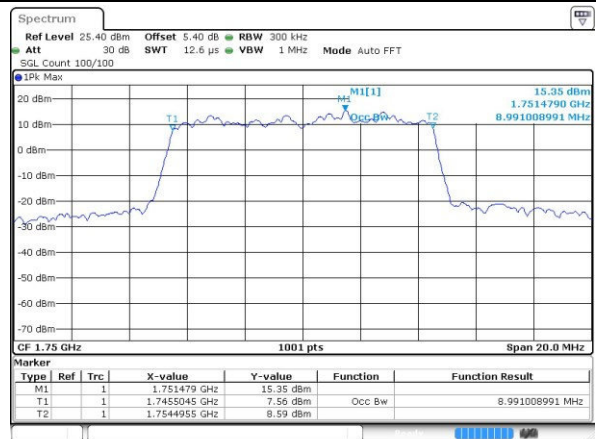
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



## Highest Channel / 10MHz / 16QAM

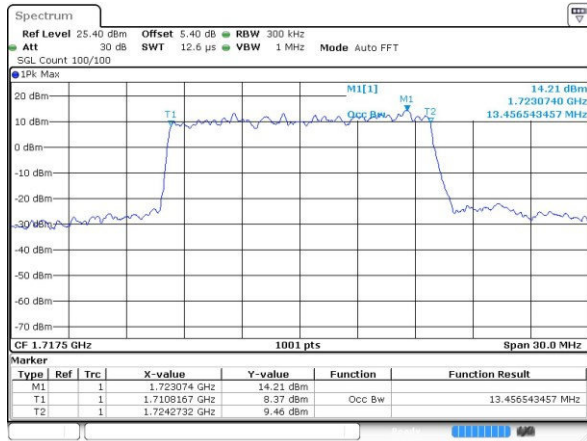




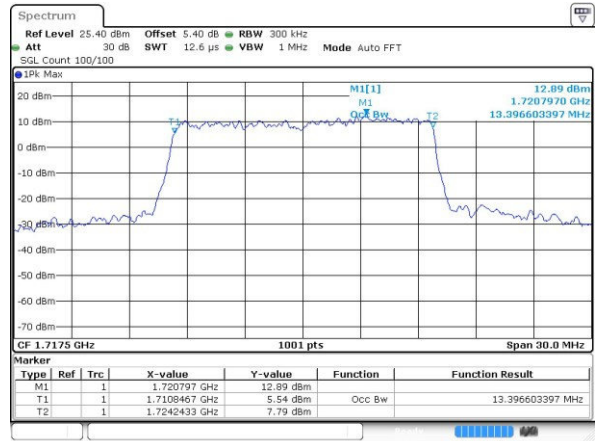


## LTE Band 4

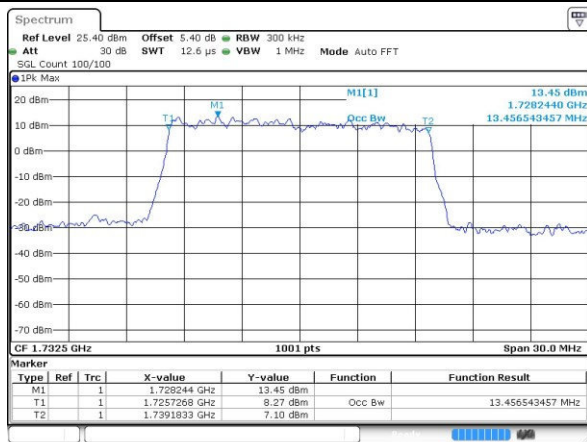
## Lowest Channel / 15MHz / QPSK



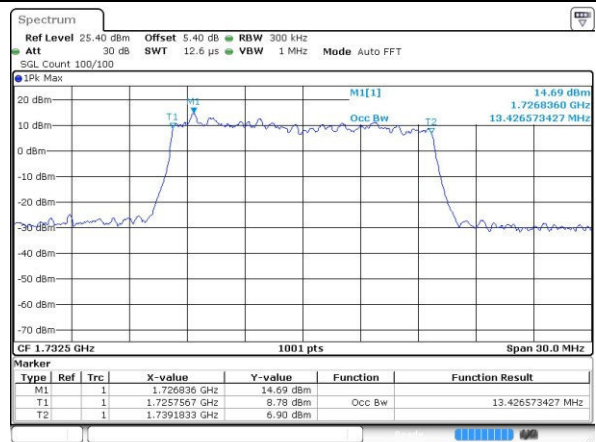
## Lowest Channel / 15MHz / 16QAM



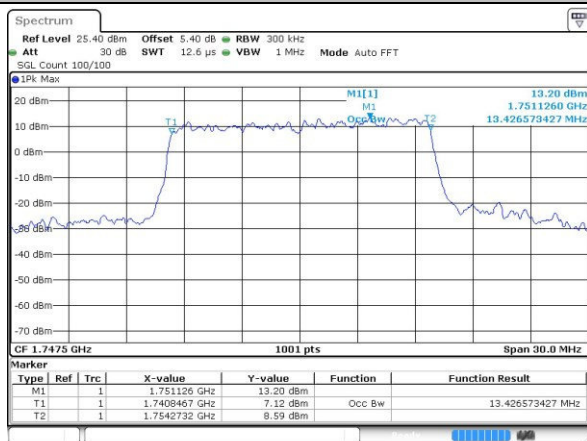
## Middle Channel / 15MHz / QPSK



## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



## Highest Channel / 15MHz / 16QAM

