



## LTE Band 12

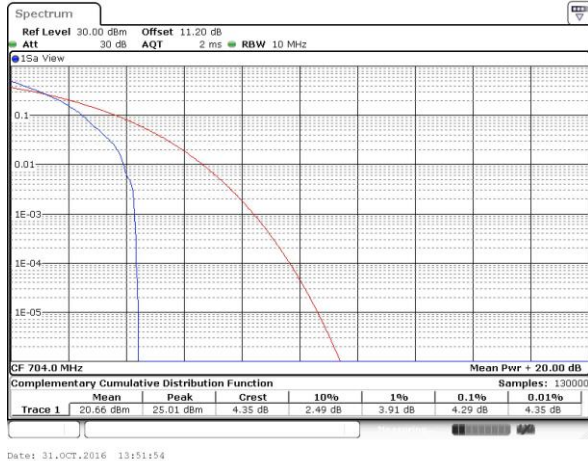
### Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	5.01	5.04	5.68	PASS
Middle CH	4.09	4.93	4.87	5.91	
Highest CH	4.52	4.58	5.22	5.8	

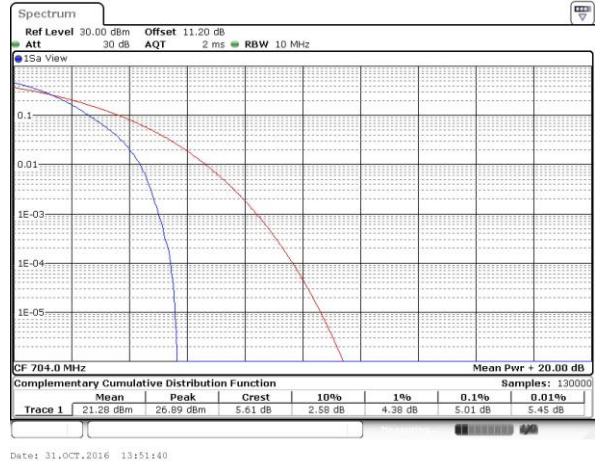


## LTE Band 12 / 10MHz / QPSK

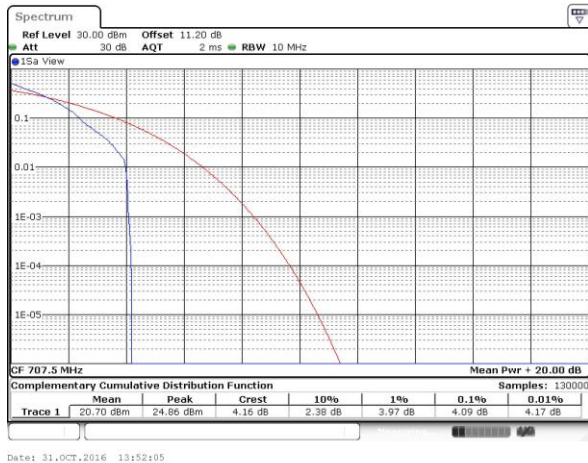
## Lowest Channel / 1RB



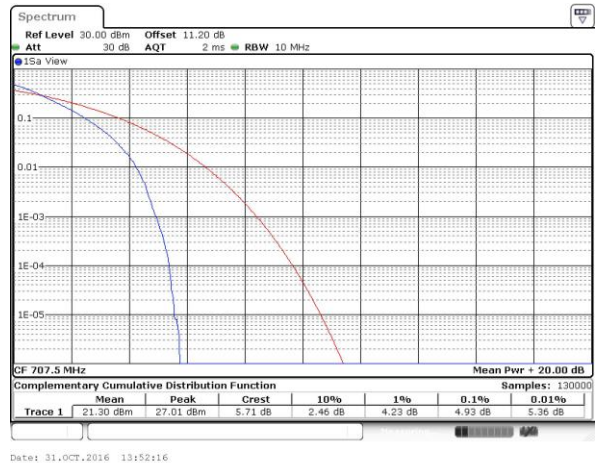
## Lowest Channel / Full RB



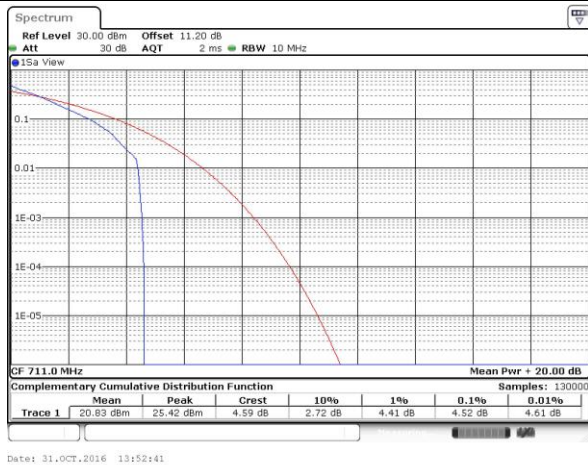
## Middle Channel / 1RB



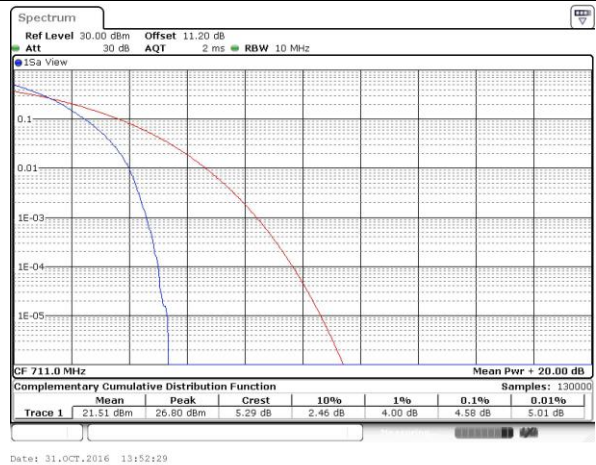
## Middle Channel / Full RB



## Highest Channel / 1RB



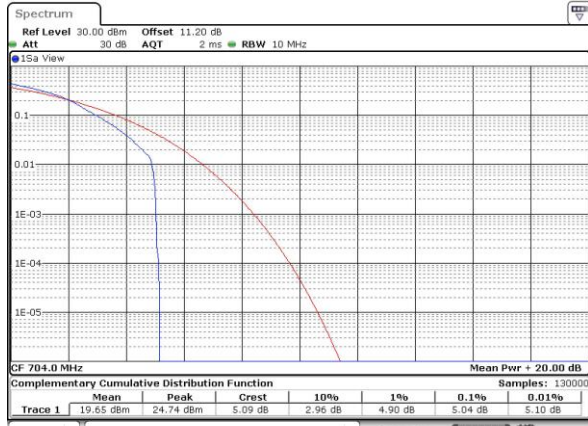
## Highest Channel / Full RB



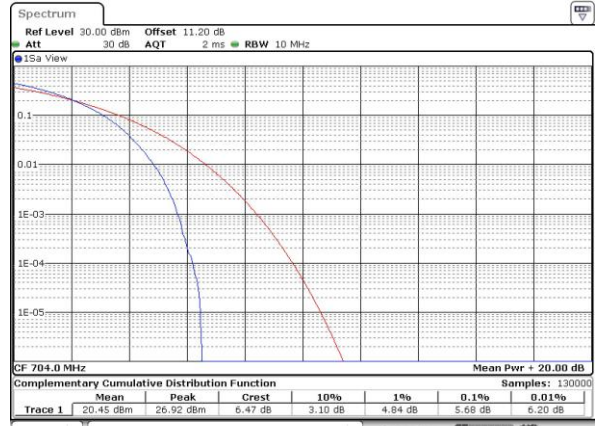


## LTE Band 12 / 10MHz / 16QAM

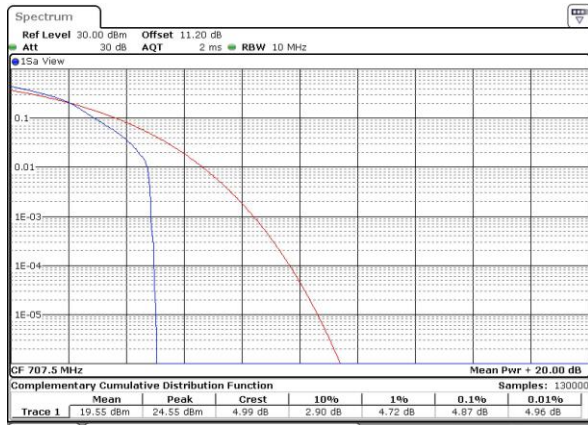
## Lowest Channel / 1RB



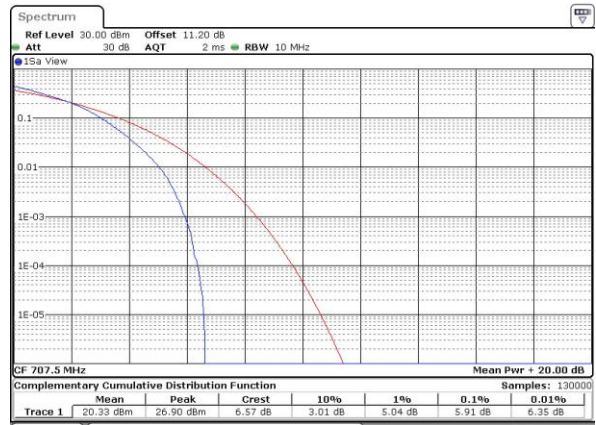
## Lowest Channel / Full RB



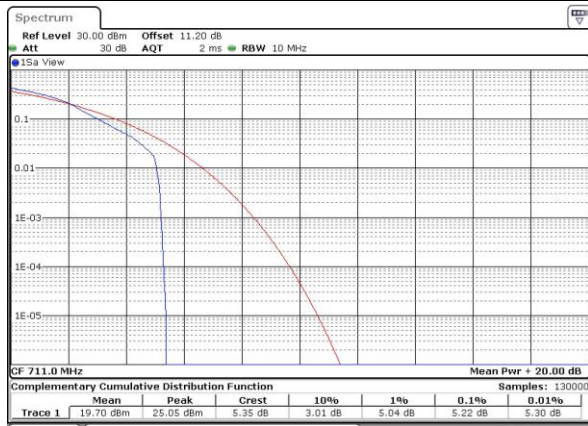
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



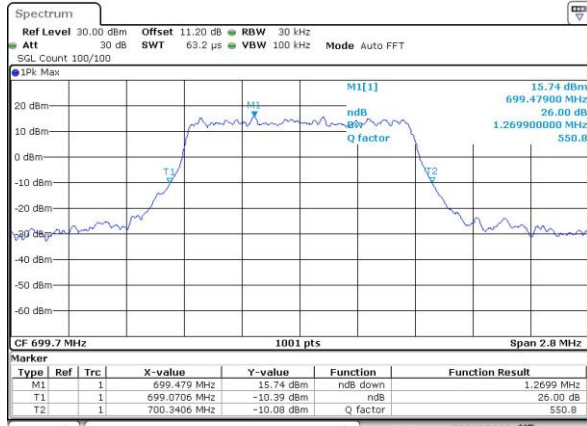
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.27	1.26	3.01	3.01	4.86	4.88	9.91	9.69	-	-	-	-
Middle CH	1.27	1.27	2.97	3.03	4.91	4.94	9.79	9.77	-	-	-	-
Highest CH	1.27	1.26	3.03	3.01	4.81	4.94	9.75	9.73	-	-	-	-



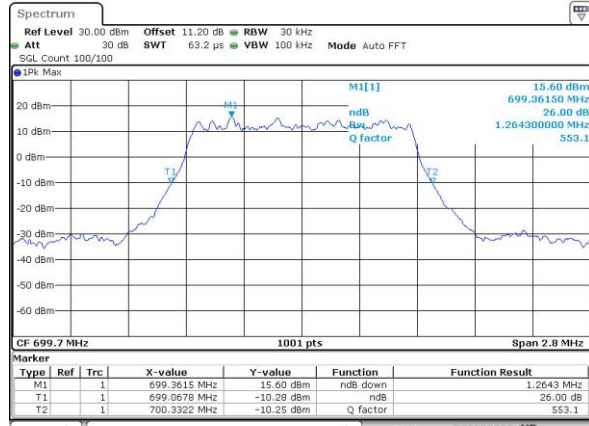
## LTE Band 12

## Lowest Channel / 1.4MHz / QPSK



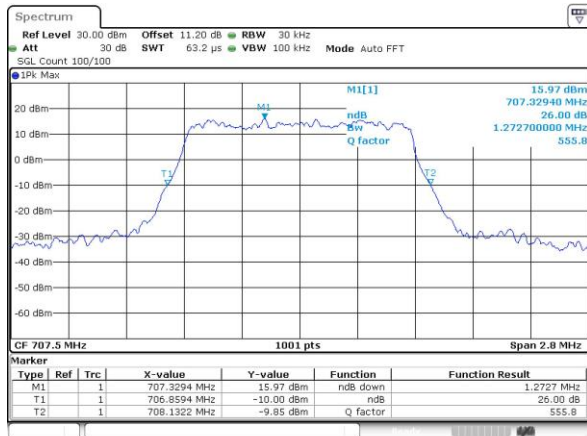
Date: 31.OCT.2016 11:53:35

## Lowest Channel / 1.4MHz / 16QAM



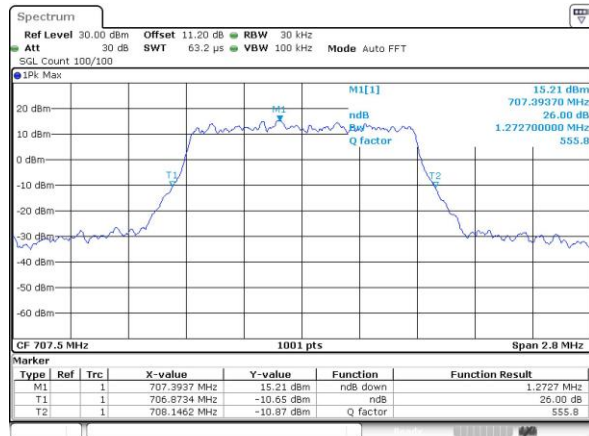
Date: 31.OCT.2016 11:53:24

## Middle Channel / 1.4MHz / QPSK



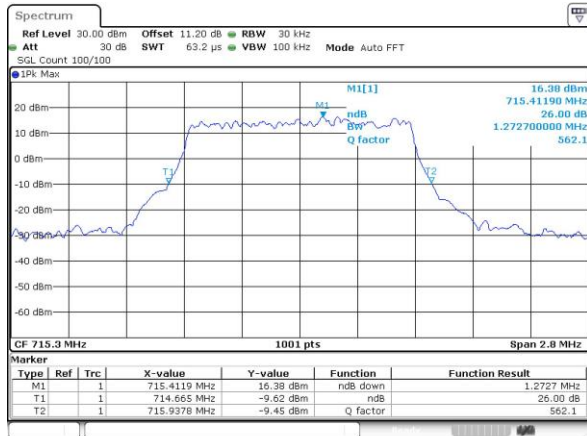
Date: 31.OCT.2016 11:40:45

## Middle Channel / 1.4MHz / 16QAM



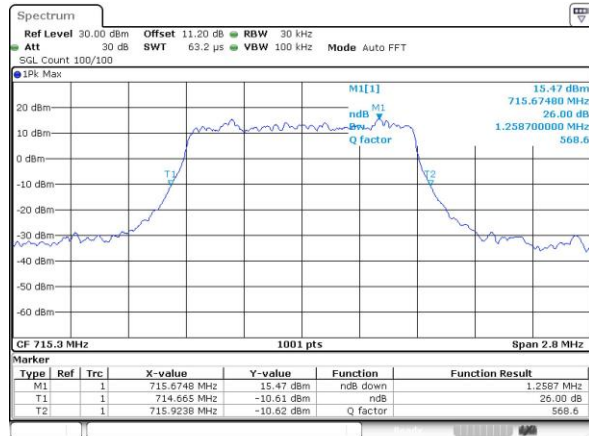
Date: 31.OCT.2016 11:40:57

## Highest Channel / 1.4MHz / QPSK



Date: 31.OCT.2016 11:43:41

## Highest Channel / 1.4MHz / 16QAM

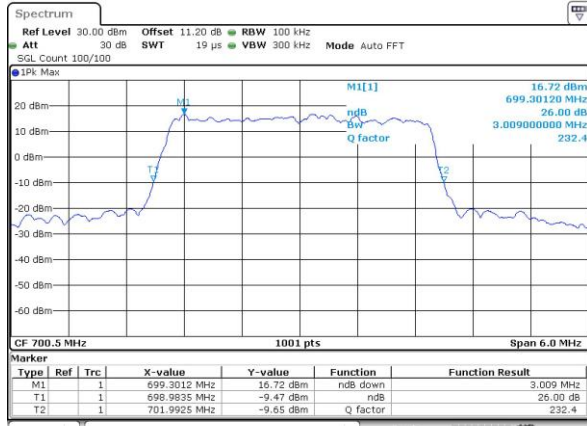


Date: 31.OCT.2016 11:43:29



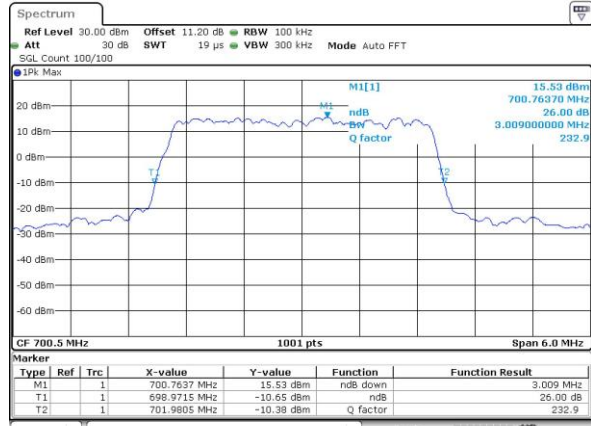
## LTE Band 12

## Lowest Channel / 3MHz / QPSK



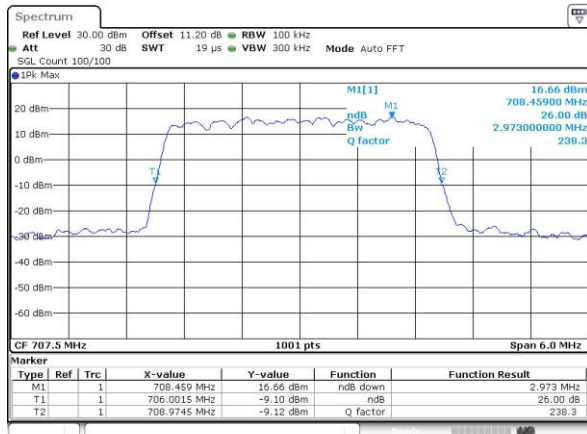
Date: 31.OCT.2016 11:51:02

## Lowest Channel / 3MHz / 16QAM



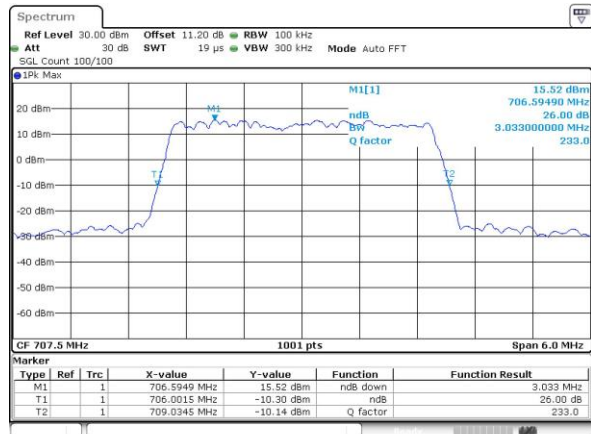
Date: 31.OCT.2016 11:50:51

## Middle Channel / 3MHz / QPSK



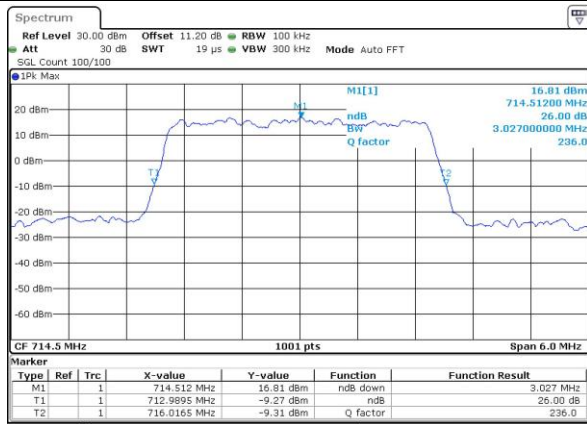
Date: 31.OCT.2016 11:58:12

## Middle Channel / 3MHz / 16QAM



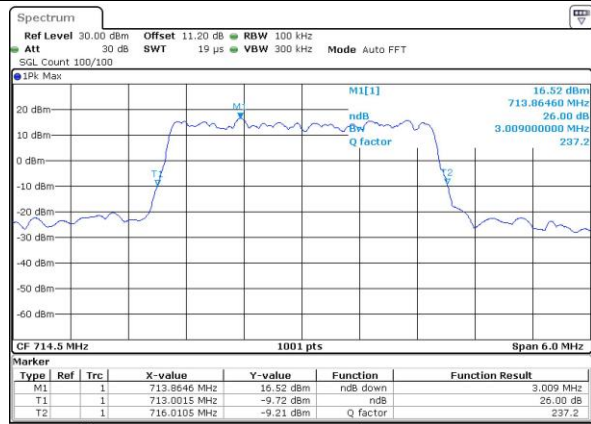
Date: 31.OCT.2016 11:58:24

## Highest Channel / 3MHz / QPSK



Date: 31.OCT.2016 12:01:08

## Highest Channel / 3MHz / 16QAM



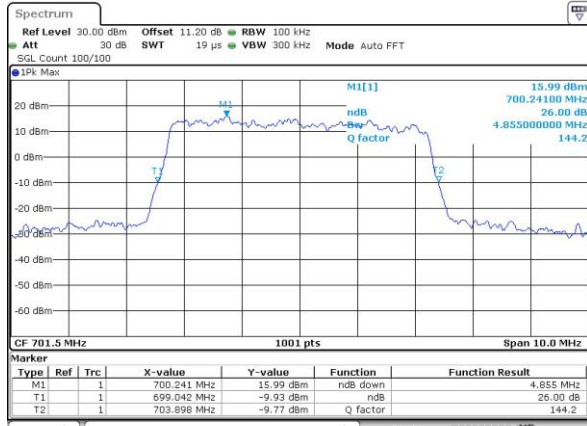
Date: 31.OCT.2016 12:00:56



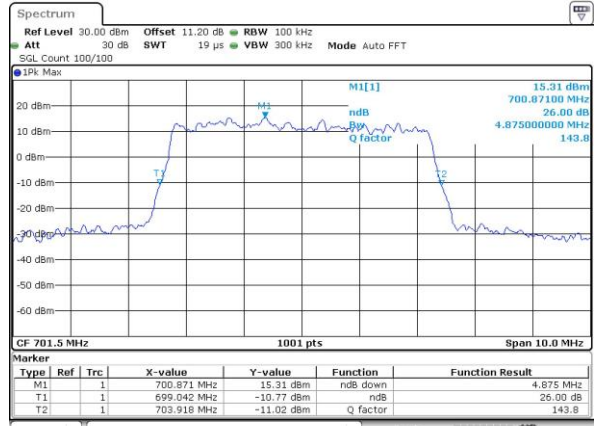


## LTE Band 12

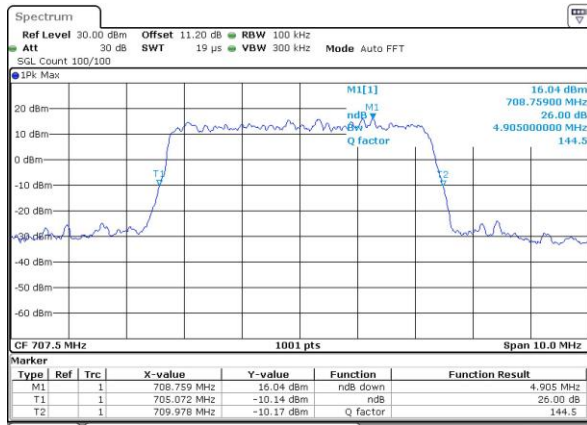
## Lowest Channel / 5MHz / QPSK



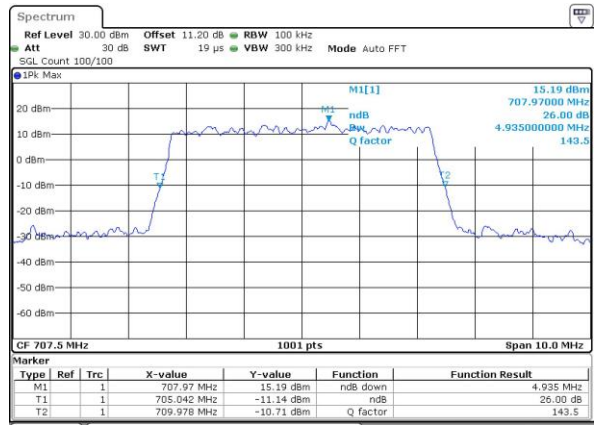
## Lowest Channel / 5MHz / 16QAM



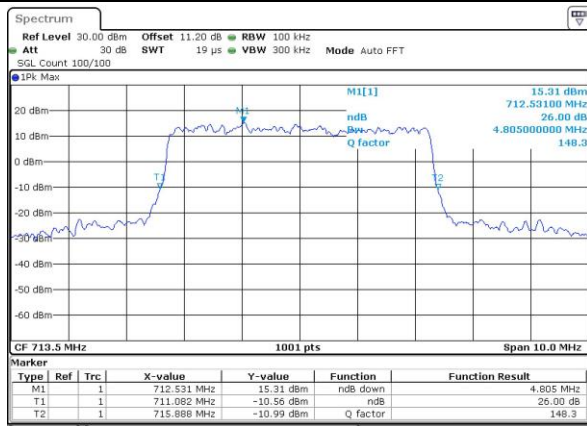
## Middle Channel / 5MHz / QPSK



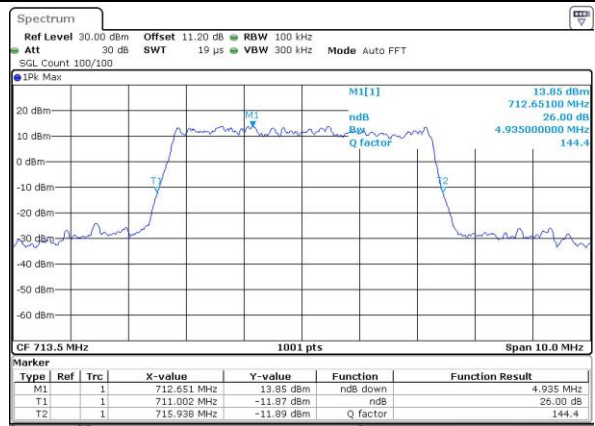
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



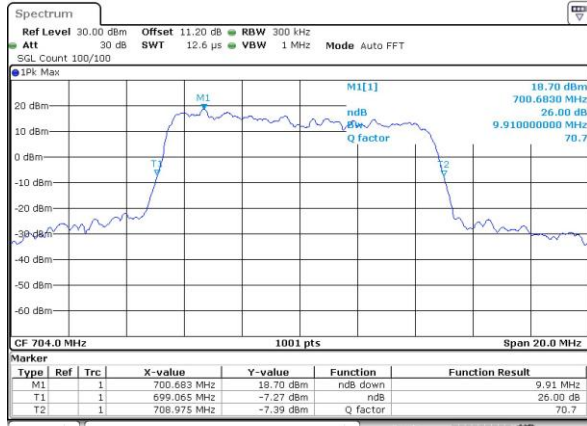
## Highest Channel / 5MHz / 16QAM



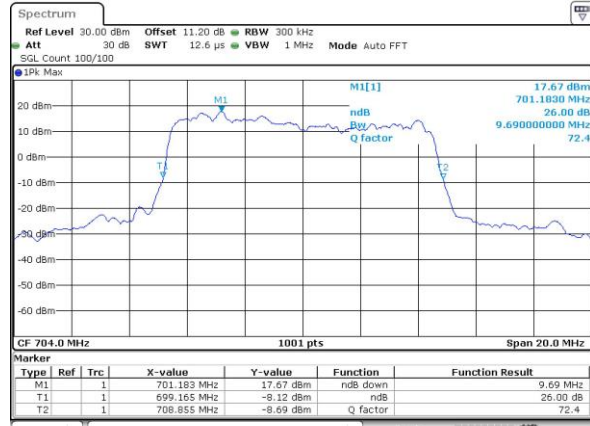


## LTE Band 12

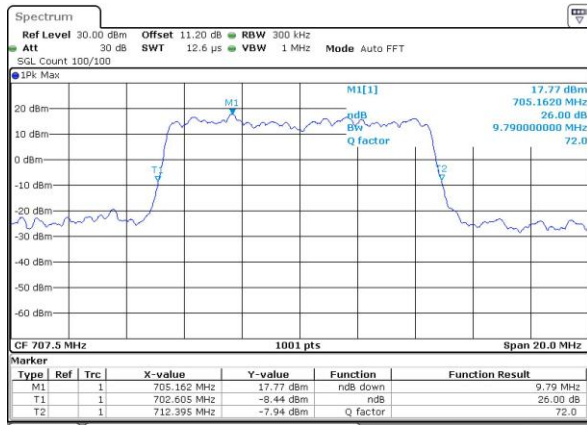
## Lowest Channel / 10MHz / QPSK



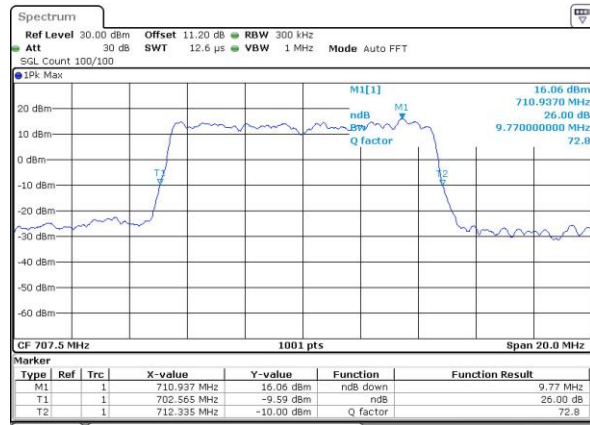
## Lowest Channel / 10MHz / 16QAM



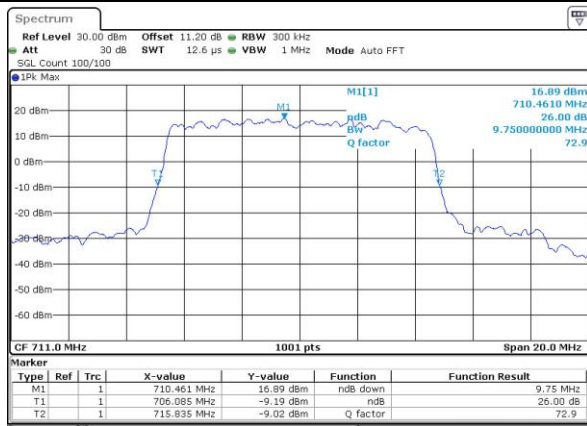
## Middle Channel / 10MHz / QPSK



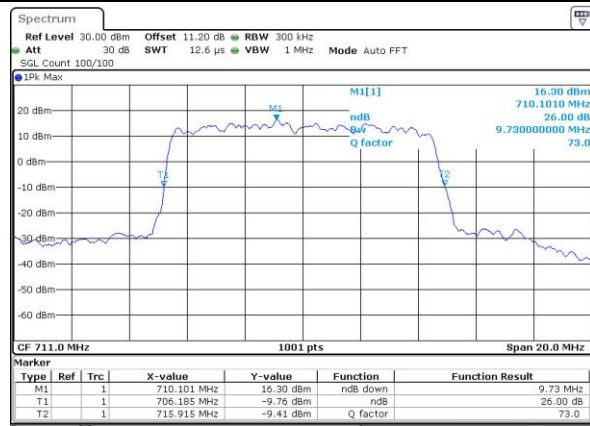
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



## Highest Channel / 10MHz / 16QAM





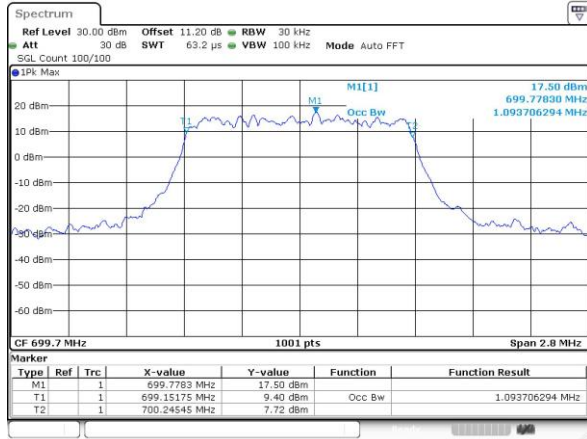
**Occupied Bandwidth**

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	2.7	2.7	4.47	4.45	8.95	9.01	-	-	-	-
Middle CH	1.09	1.09	2.73	2.72	4.51	4.5	9.01	9.03	-	-	-	-
Highest CH	1.09	1.1	2.72	2.71	4.48	4.49	8.95	8.97	-	-	-	-

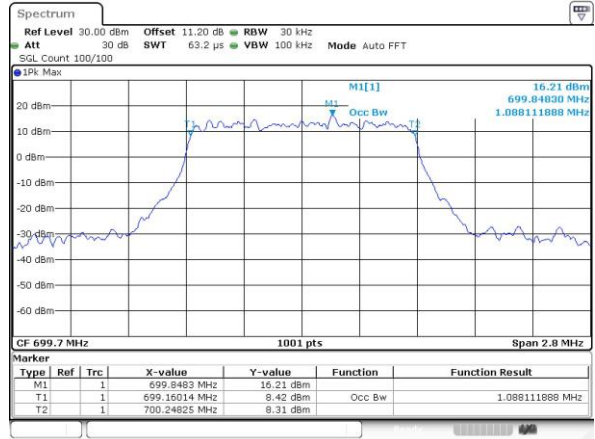


## LTE Band 12

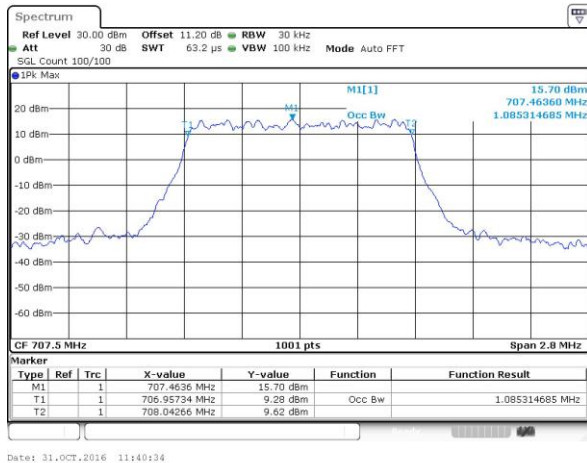
## Lowest Channel / 1.4MHz / QPSK



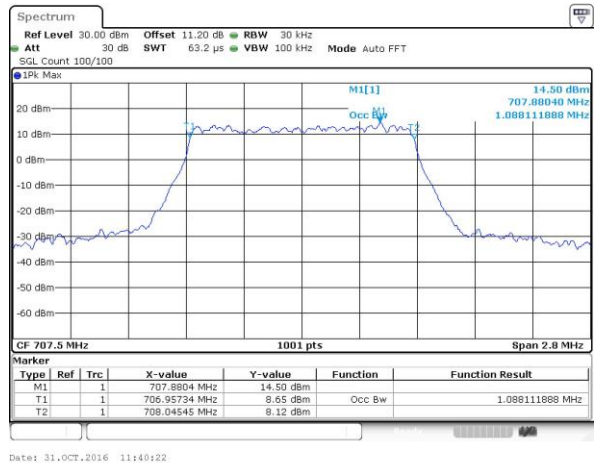
## Lowest Channel / 1.4MHz / 16QAM



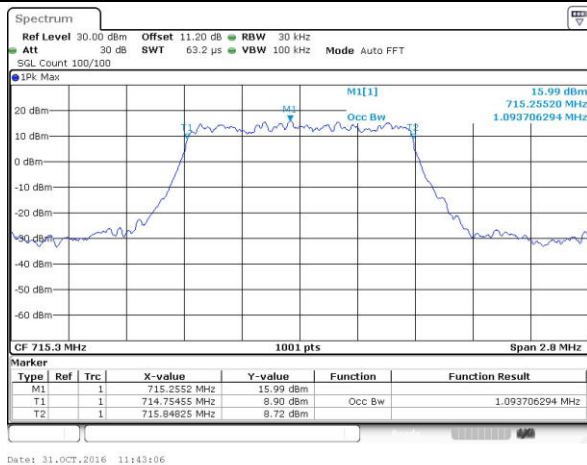
## Middle Channel / 1.4MHz / QPSK



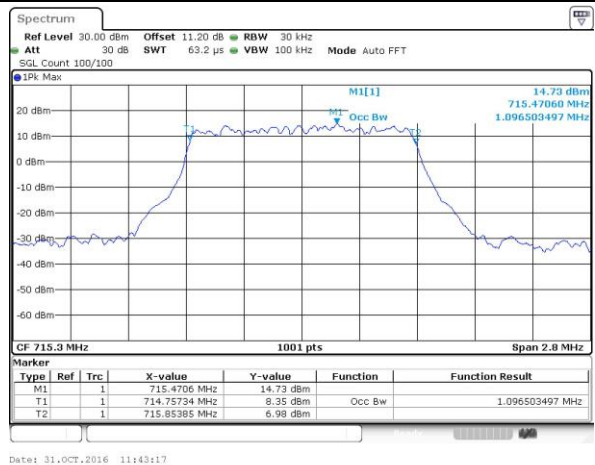
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



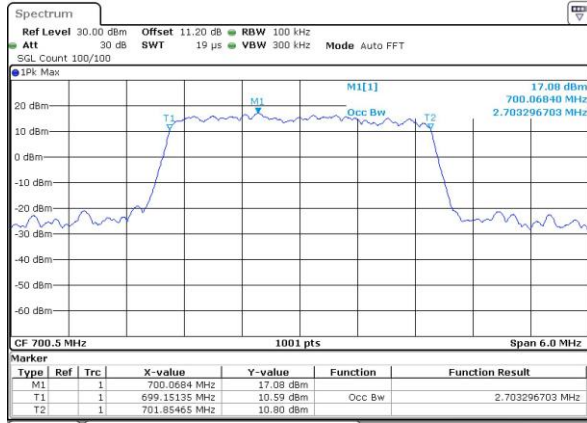
## Highest Channel / 1.4MHz / 16QAM





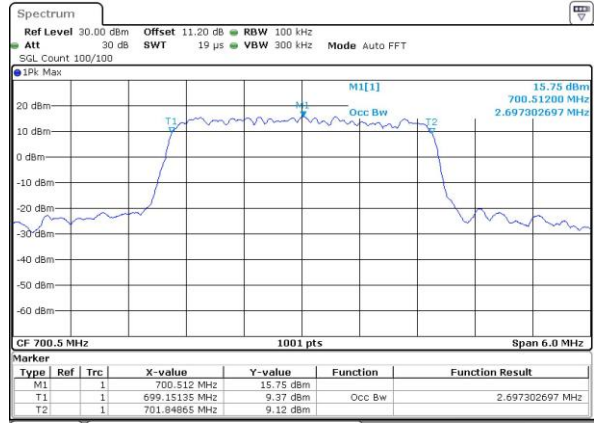
## LTE Band 12

## Lowest Channel / 3MHz / QPSK



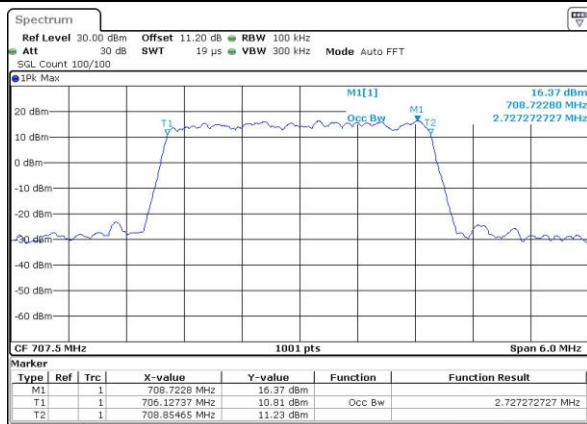
Date: 31.OCT.2016 11:50:27

## Lowest Channel / 3MHz / 16QAM



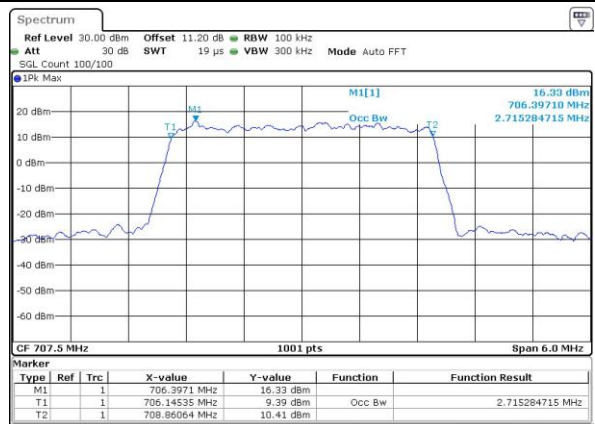
Date: 31.OCT.2016 11:50:39

## Middle Channel / 3MHz / QPSK



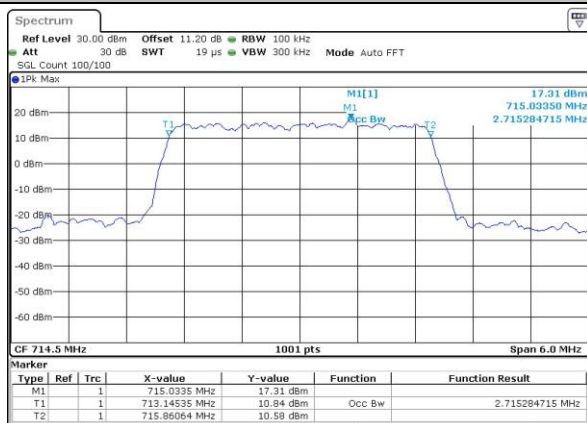
Date: 31.OCT.2016 11:58:01

## Middle Channel / 3MHz / 16QAM



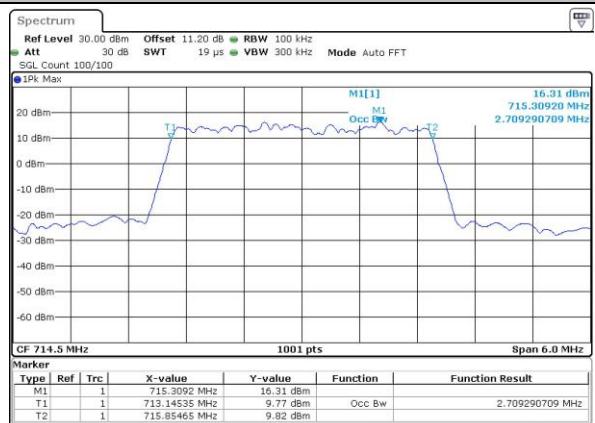
Date: 31.OCT.2016 11:57:49

## Highest Channel / 3MHz / QPSK



Date: 31.OCT.2016 12:00:33

## Highest Channel / 3MHz / 16QAM

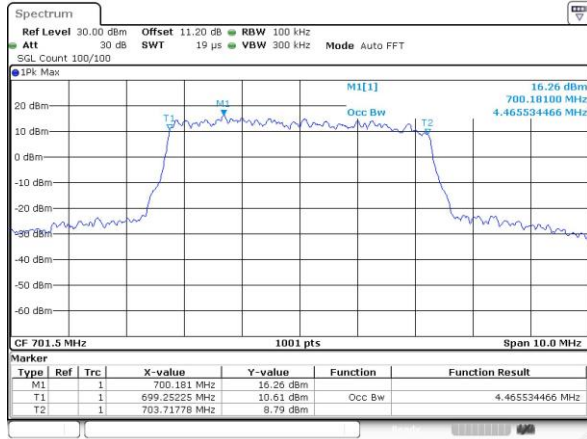


Date: 31.OCT.2016 12:00:44

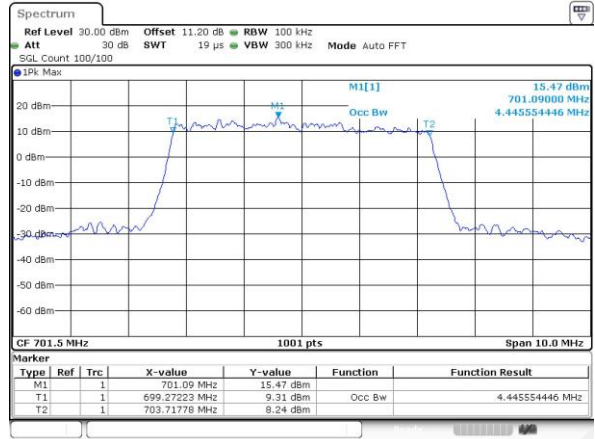


## LTE Band 12

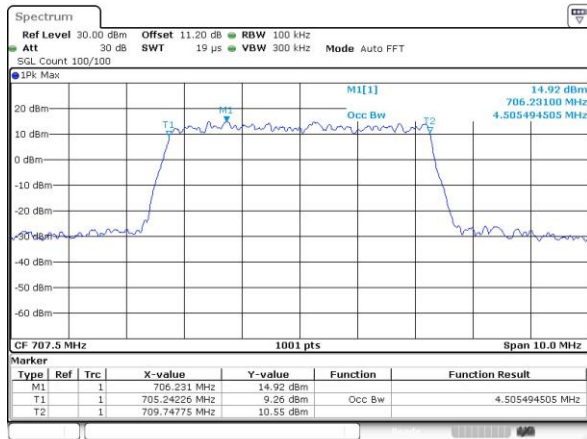
## Lowest Channel / 5MHz / QPSK



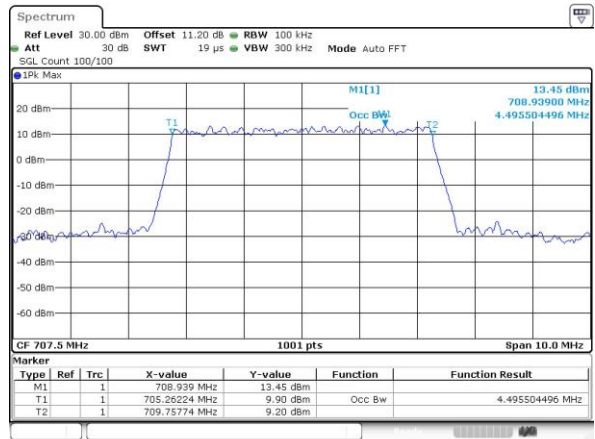
## Lowest Channel / 5MHz / 16QAM



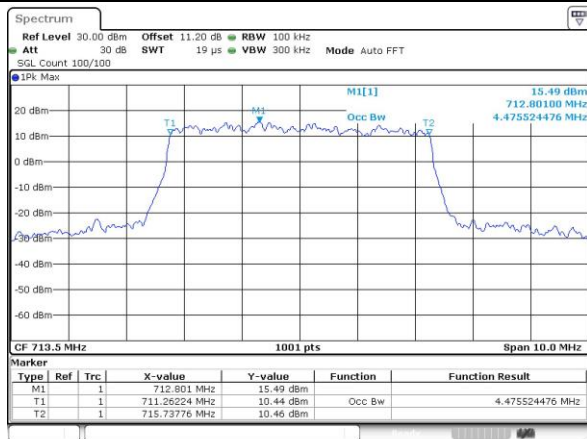
## Middle Channel / 5MHz / QPSK



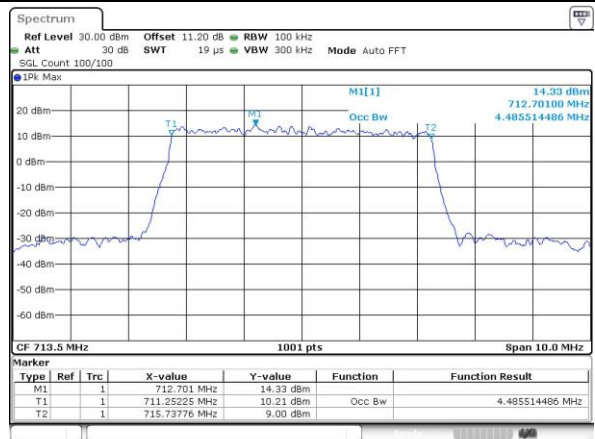
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



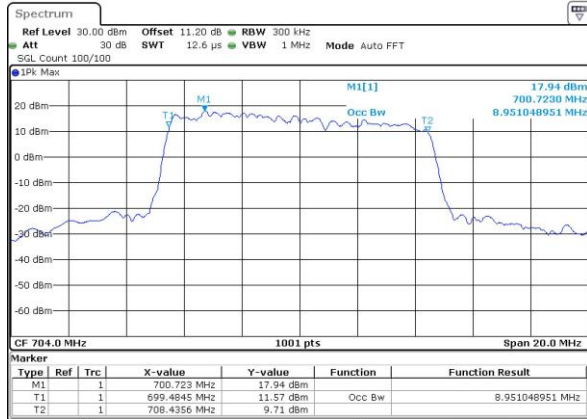
## Highest Channel / 5MHz / 16QAM





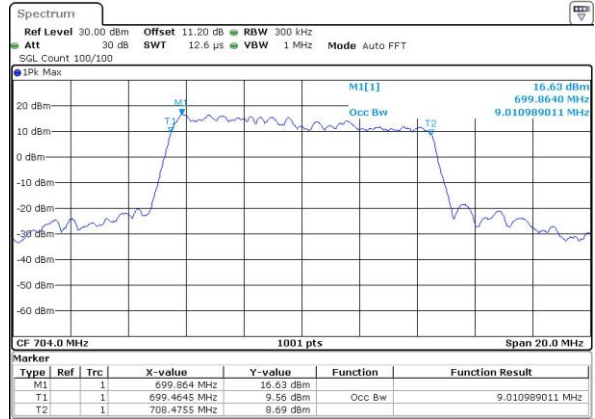
## LTE Band 12

## Lowest Channel / 10MHz / QPSK



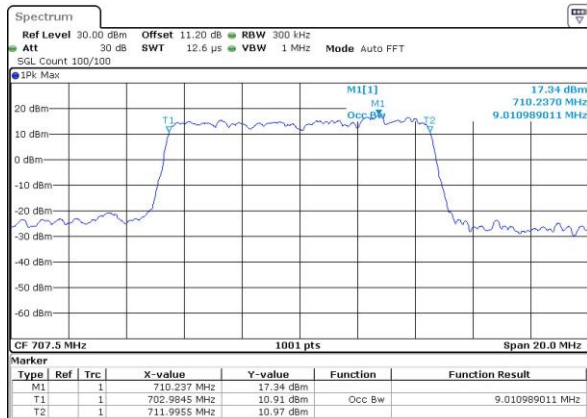
Date: 31.OCT.2016 12:25:22

## Lowest Channel / 10MHz / 16QAM



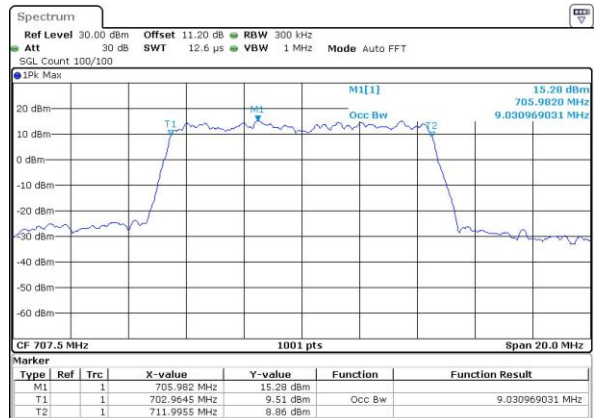
Date: 31.OCT.2016 12:25:33

## Middle Channel / 10MHz / QPSK



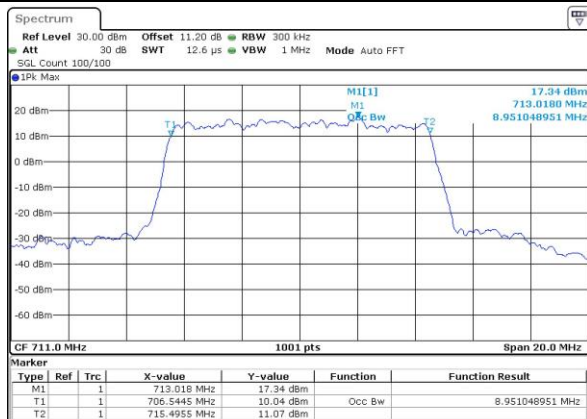
Date: 31.OCT.2016 12:32:55

## Middle Channel / 10MHz / 16QAM



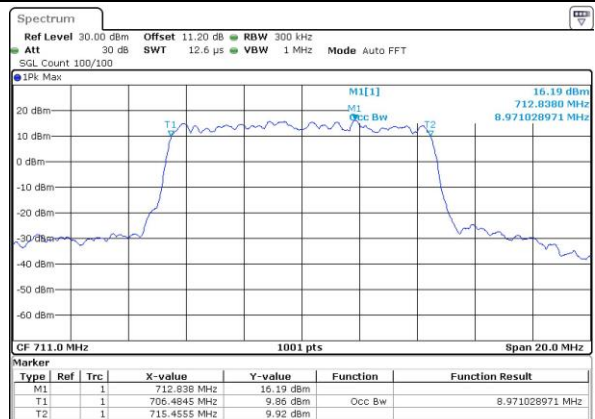
Date: 31.OCT.2016 12:32:43

## Highest Channel / 10MHz / QPSK



Date: 31.OCT.2016 12:35:26

## Highest Channel / 10MHz / 16QAM



Date: 31.OCT.2016 12:35:38

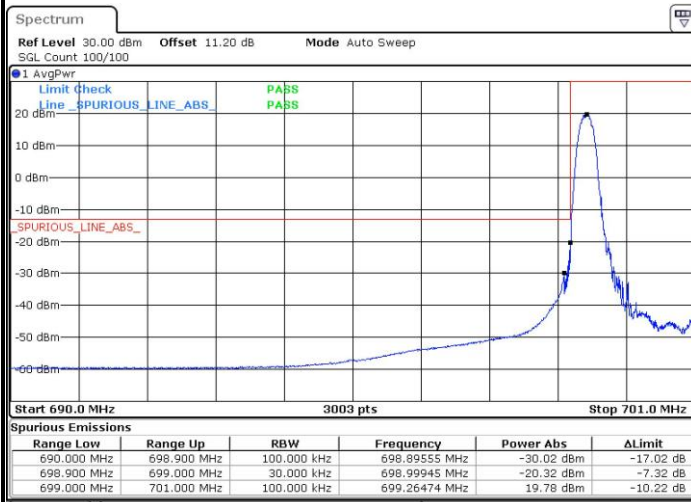
**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**





## LTE Band 12 / 1.4MHz / 16QAM

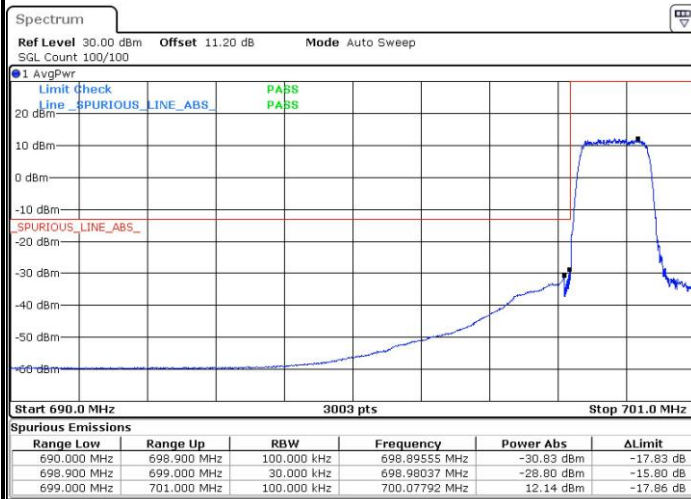
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

