



## 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	4.49	5.07	6.06	5.88	PASS
Middle CH	4.46	5.39	5.16	5.94	
Highest CH	4.26	5.33	5.28	6.09	



LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 26\_AUG.2016 23:09:03

Lowest Channel / Full RB



Date: 26\_AUG.2016 23:08:43

Middle Channel / 1RB



Date: 26\_AUG.2016 23:09:20

Middle Channel / Full RB



Date: 26\_AUG.2016 23:09:31

Highest Channel / 1RB



Date: 26\_AUG.2016 23:09:56

Highest Channel / Full RB

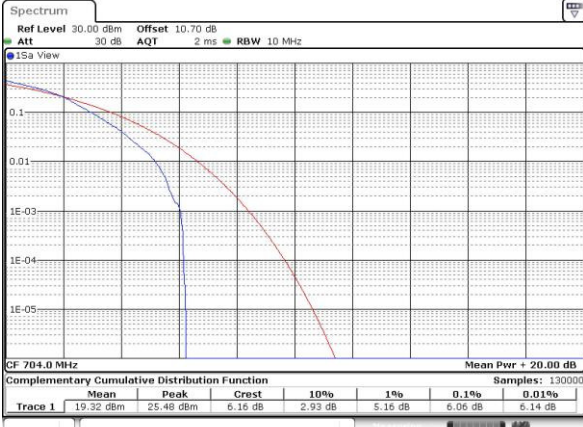


Date: 26\_AUG.2016 23:09:42



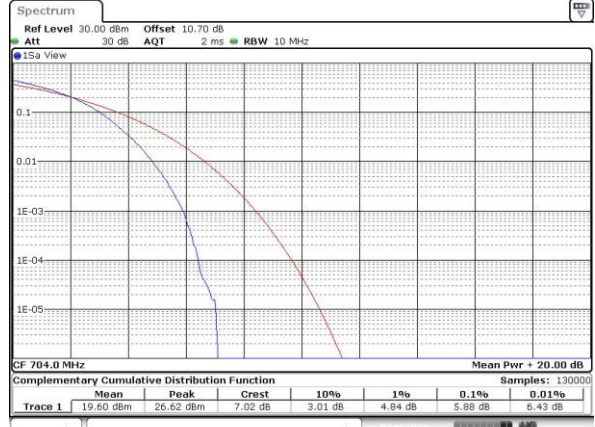
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



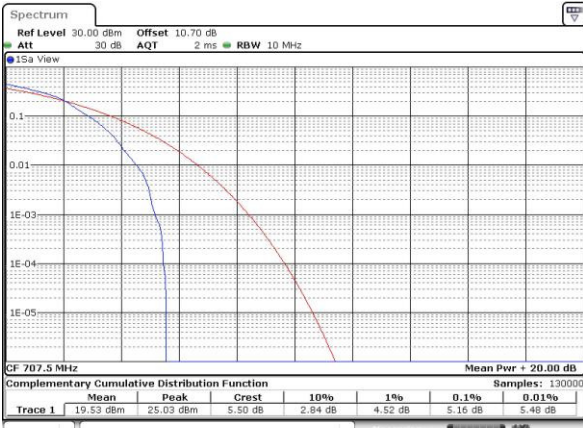
Date: 26\_AUG.2016 23:07:21

Lowest Channel / Full RB



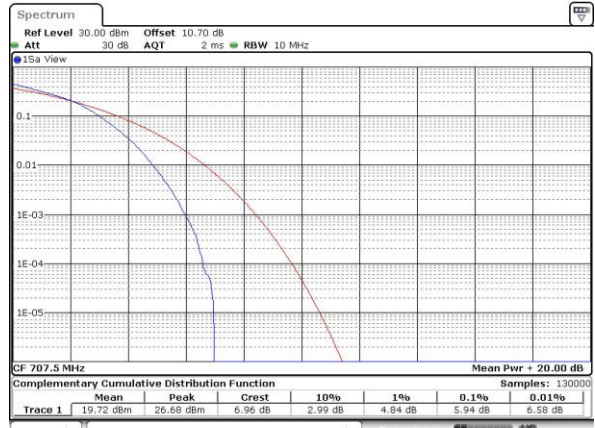
Date: 26\_AUG.2016 23:07:08

Middle Channel / 1RB



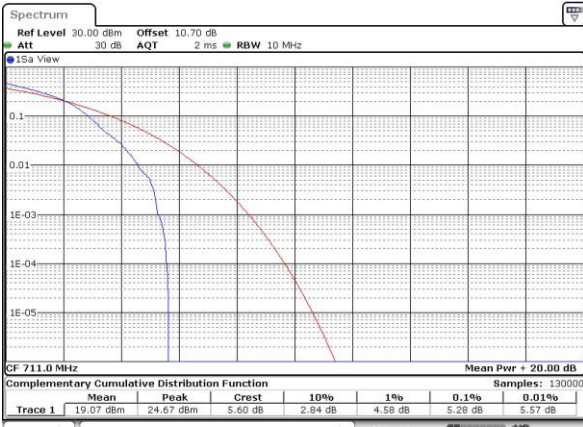
Date: 26\_AUG.2016 23:07:32

Middle Channel / Full RB



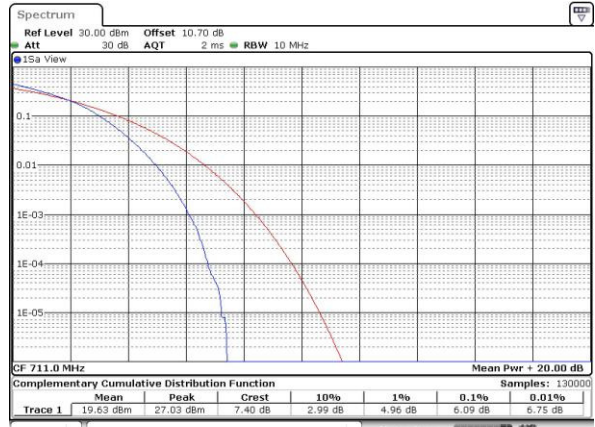
Date: 26\_AUG.2016 23:07:43

Highest Channel / 1RB



Date: 26\_AUG.2016 23:08:22

Highest Channel / Full RB



Date: 26\_AUG.2016 23:07:59



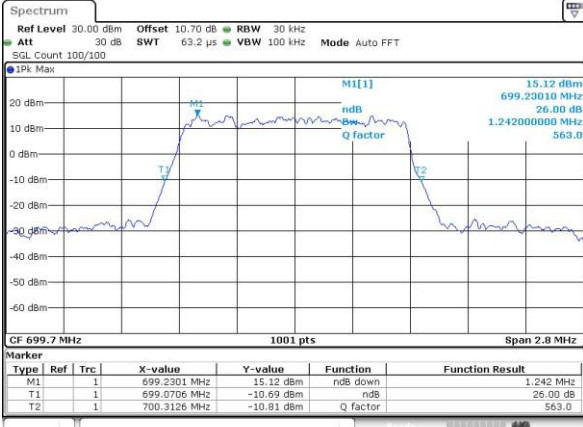
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.242	1.25	2.991	2.949	5.005	4.885	9.93	9.83	-	-	-	-
Middle CH	1.259	1.248	3.003	2.997	4.995	4.965	9.79	9.67	-	-	-	-
Highest CH	1.253	1.239	2.979	3.003	4.875	4.945	9.79	9.85	-	-	-	-



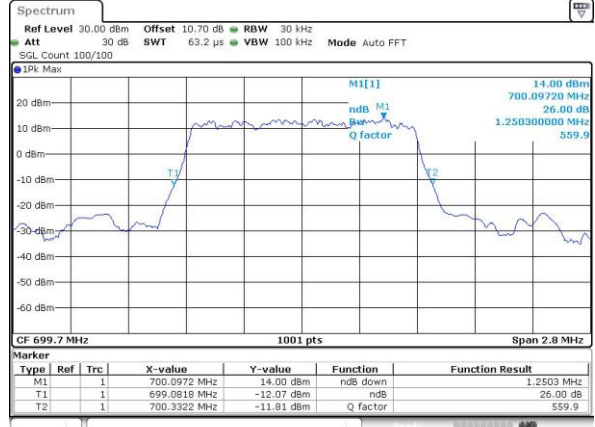
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



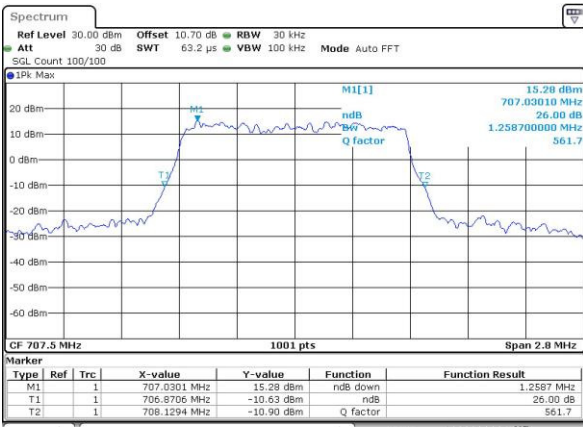
Date: 26\_AUG.2016 22:13:07

Lowest Channel / 1.4MHz / 16QAM



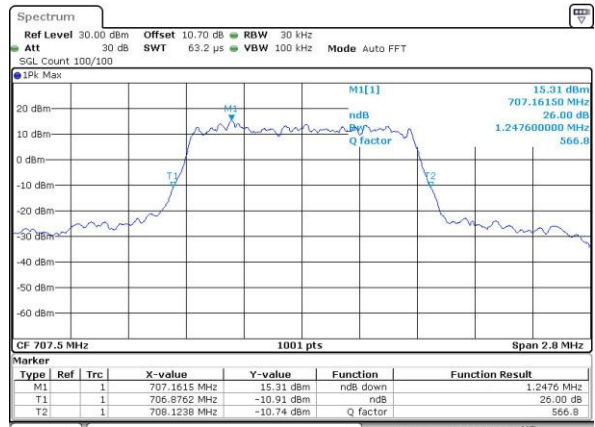
Date: 26\_AUG.2016 22:13:156

Middle Channel / 1.4MHz / QPSK



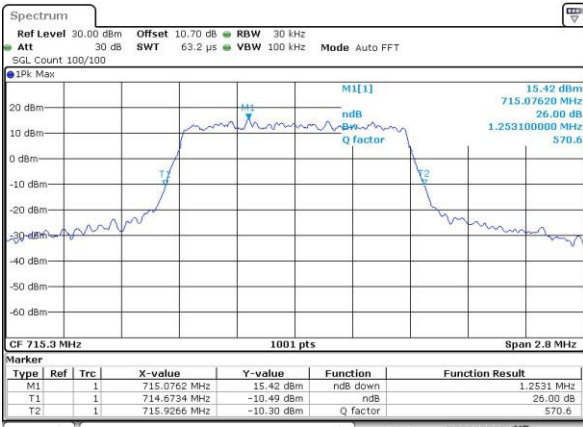
Date: 26\_AUG.2016 22:14:17

Middle Channel / 1.4MHz / 16QAM



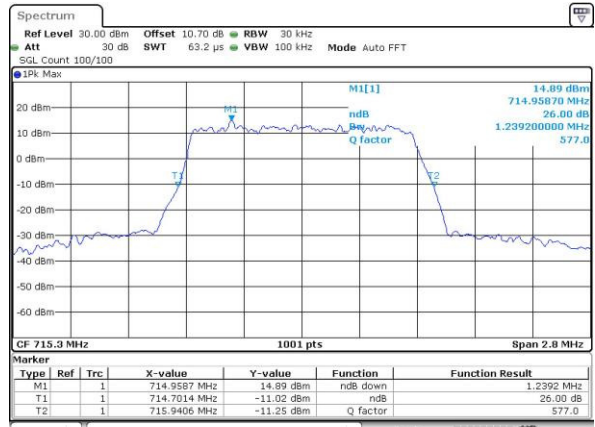
Date: 26\_AUG.2016 22:14:129

Highest Channel / 1.4MHz / QPSK



Date: 26\_AUG.2016 22:15:113

Highest Channel / 1.4MHz / 16QAM

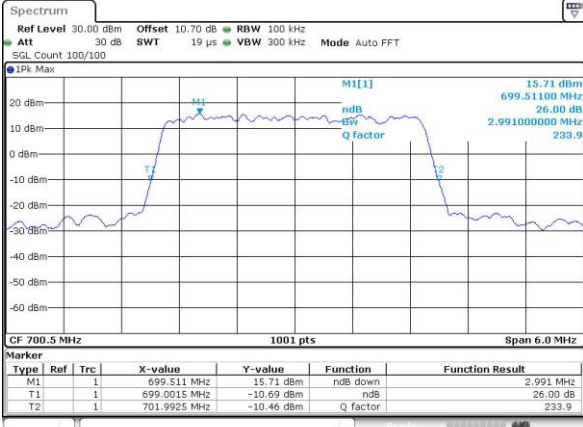


Date: 26\_AUG.2016 22:15:101



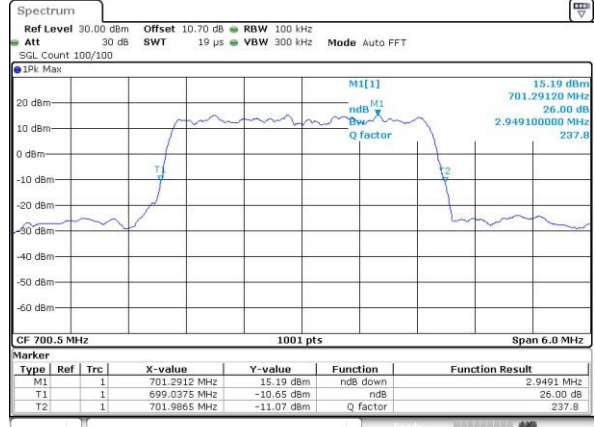
LTE Band 12

Lowest Channel / 3MHz / QPSK



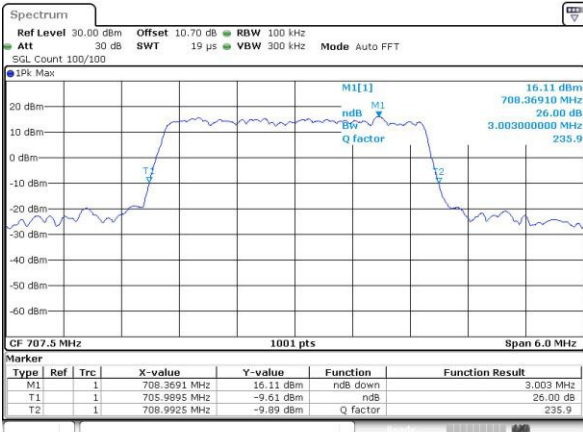
Date: 26.AUG.2016 20:25:17

Lowest Channel / 3MHz / 16QAM



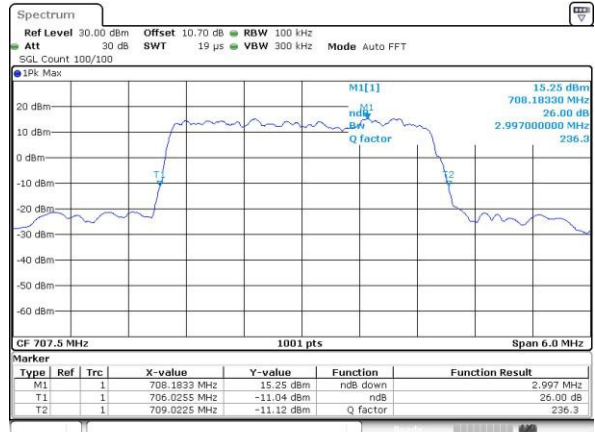
Date: 26.AUG.2016 20:25:05

Middle Channel / 3MHz / QPSK



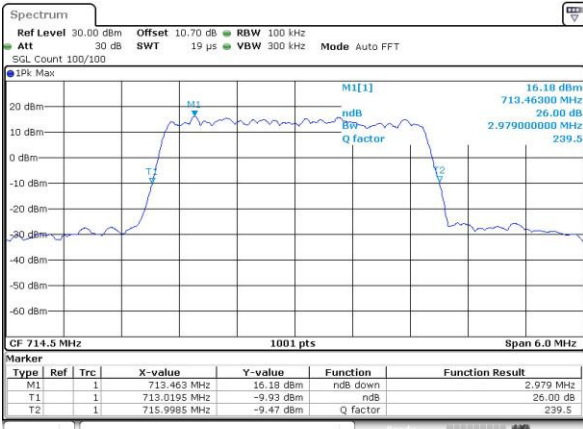
Date: 26.AUG.2016 20:40:28

Middle Channel / 3MHz / 16QAM



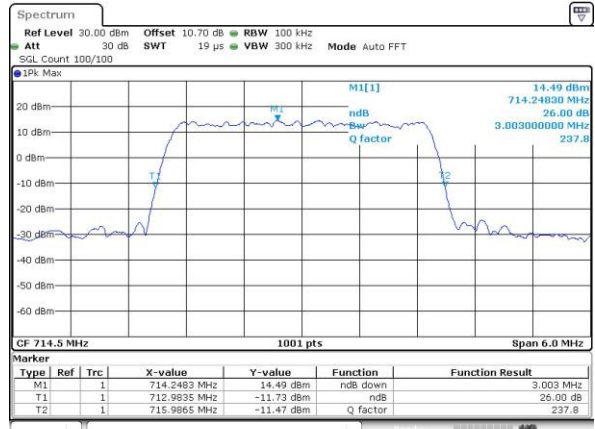
Date: 26.AUG.2016 20:40:40

Highest Channel / 3MHz / QPSK



Date: 26.AUG.2016 20:43:24

Highest Channel / 3MHz / 16QAM



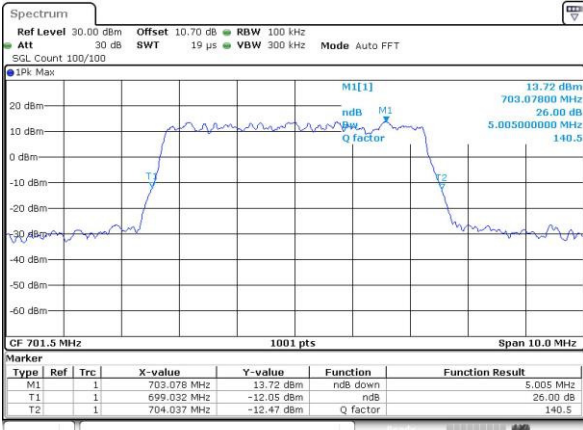
Date: 26.AUG.2016 20:43:12





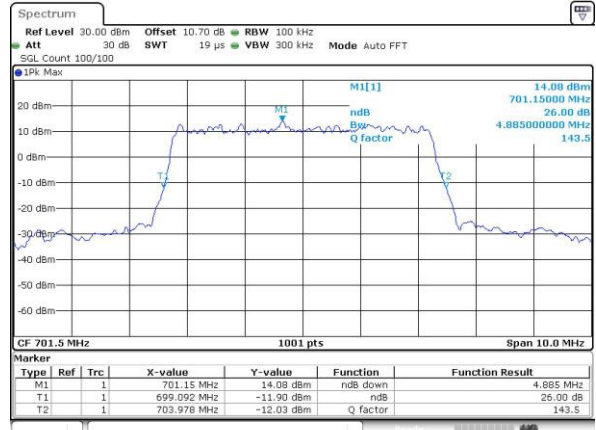
LTE Band 12

Lowest Channel / 5MHz / QPSK



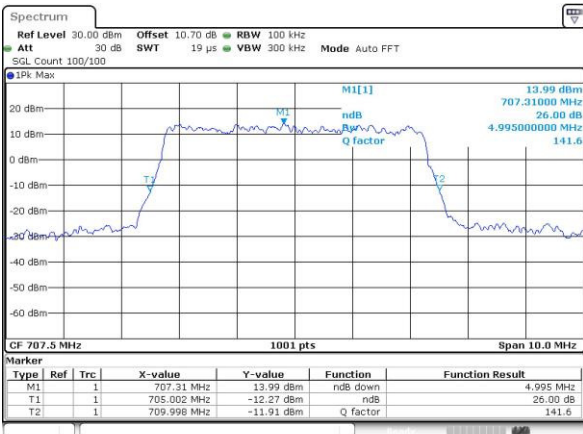
Date: 26\_AUG.2016 20:58:45

Lowest Channel / 5MHz / 16QAM



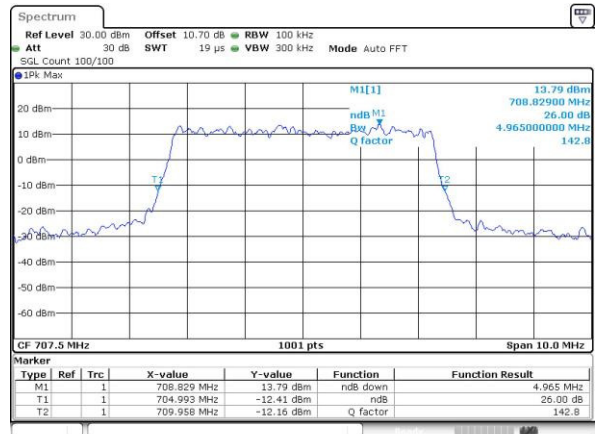
Date: 26\_AUG.2016 20:58:34

Middle Channel / 5MHz / QPSK



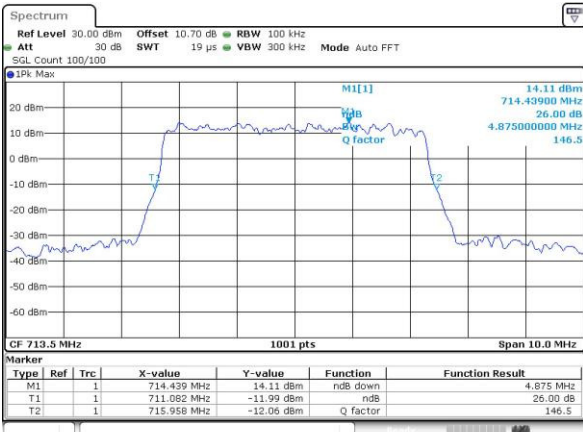
Date: 26\_AUG.2016 21:13:55

Middle Channel / 5MHz / 16QAM



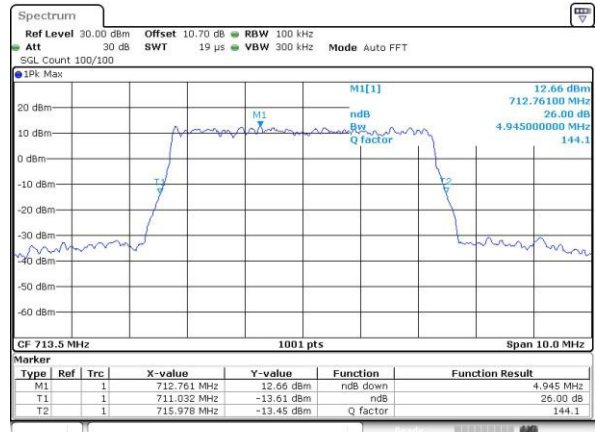
Date: 26\_AUG.2016 21:14:07

Highest Channel / 5MHz / QPSK



Date: 26\_AUG.2016 21:16:51

Highest Channel / 5MHz / 16QAM

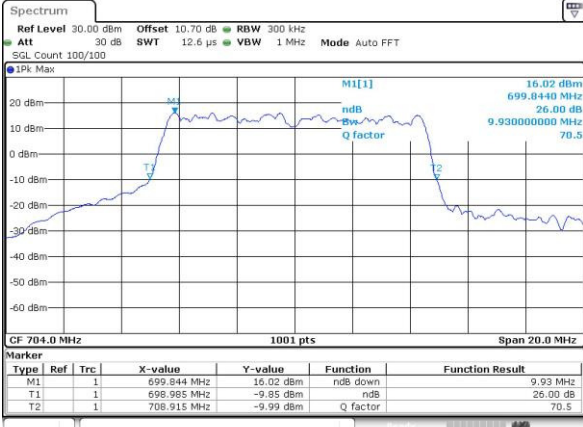


Date: 26\_AUG.2016 21:16:39



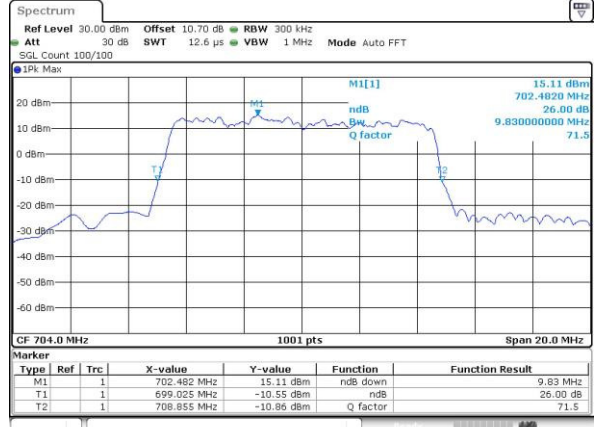
LTE Band 12

Lowest Channel / 10MHz / QPSK



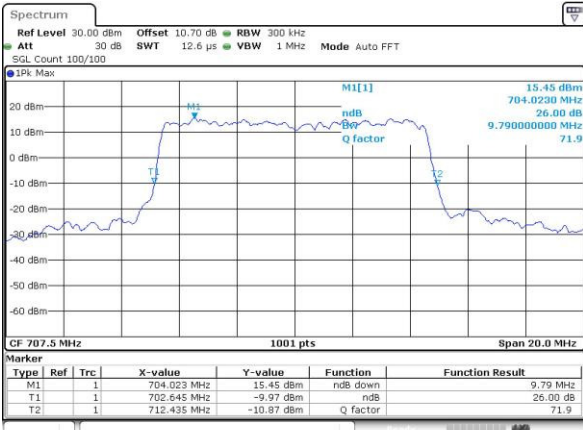
Date: 26\_AUG.2016 22:10:40

Lowest Channel / 10MHz / 16QAM



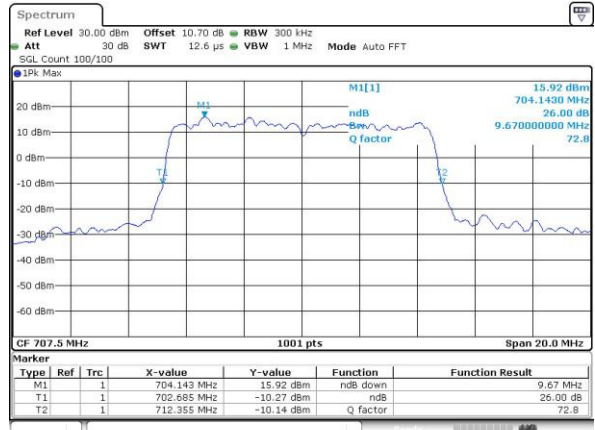
Date: 26\_AUG.2016 22:10:28

Middle Channel / 10MHz / QPSK



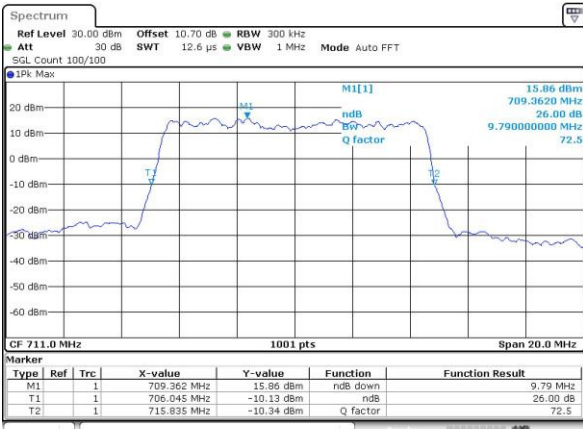
Date: 26\_AUG.2016 22:11:50

Middle Channel / 10MHz / 16QAM



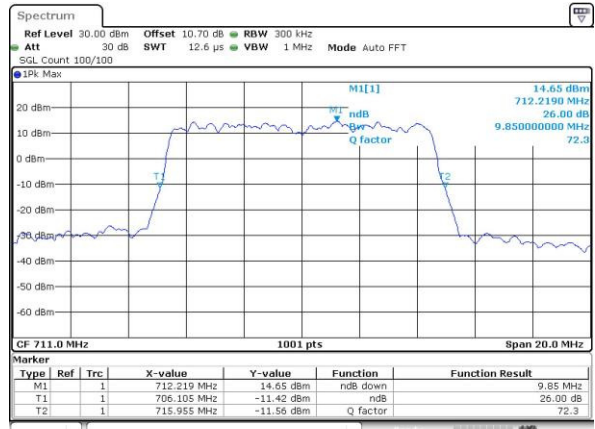
Date: 26\_AUG.2016 22:11:02

Highest Channel / 10MHz / QPSK



Date: 26\_AUG.2016 22:11:46

Highest Channel / 10MHz / 16QAM



Date: 26\_AUG.2016 22:11:34





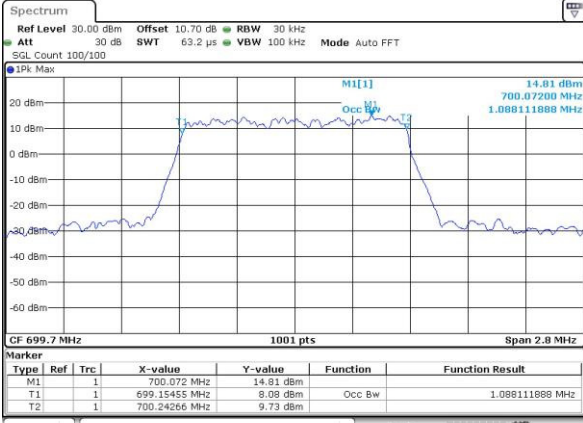
### Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.7	4.5	4.5	9.07	9.03	-	-	-	-
Middle CH	1.09	1.1	2.72	2.7	4.48	4.48	9.07	8.99	-	-	-	-
Highest CH	1.1	1.09	2.72	2.72	4.5	4.5	9.05	9.01	-	-	-	-



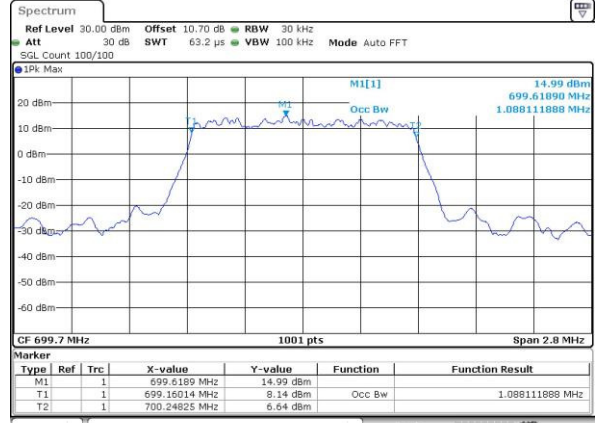
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



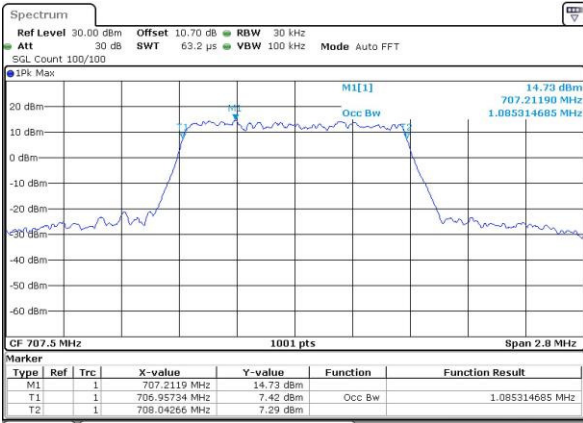
Date: 26\_AUG.2016 22:13:12

Lowest Channel / 1.4MHz / 16QAM



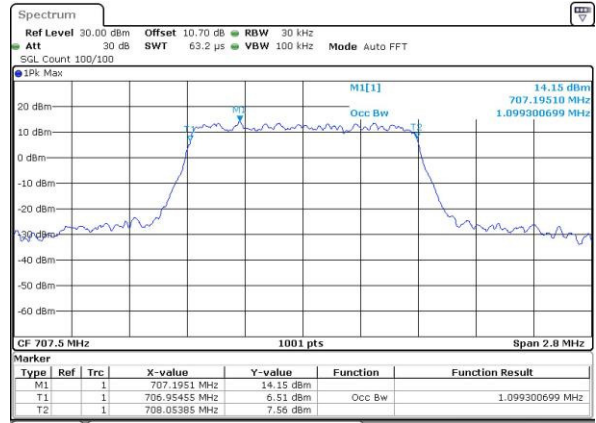
Date: 26\_AUG.2016 22:13:14

Middle Channel / 1.4MHz / QPSK



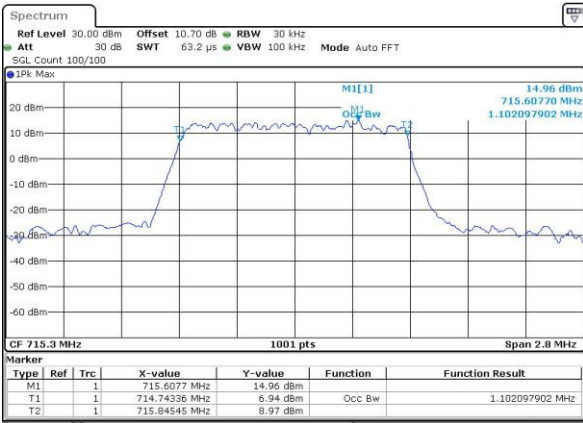
Date: 26\_AUG.2016 22:14:06

Middle Channel / 1.4MHz / 16QAM



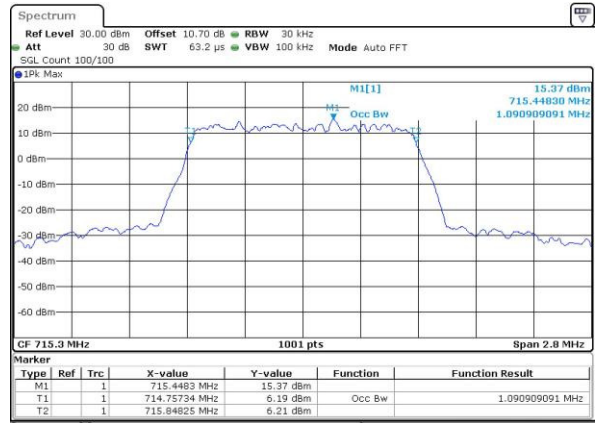
Date: 26\_AUG.2016 22:14:14

Highest Channel / 1.4MHz / QPSK



Date: 26\_AUG.2016 22:15:13

Highest Channel / 1.4MHz / 16QAM

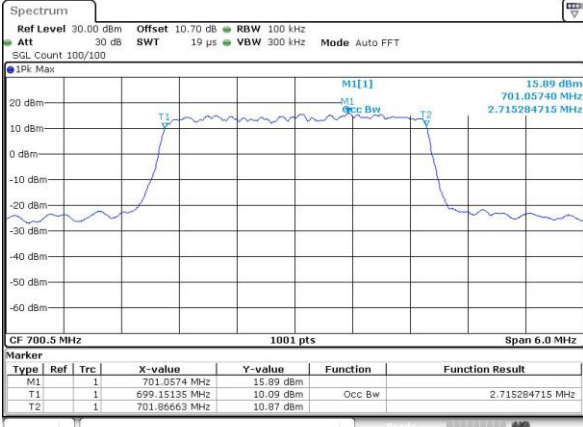


Date: 26\_AUG.2016 22:15:10



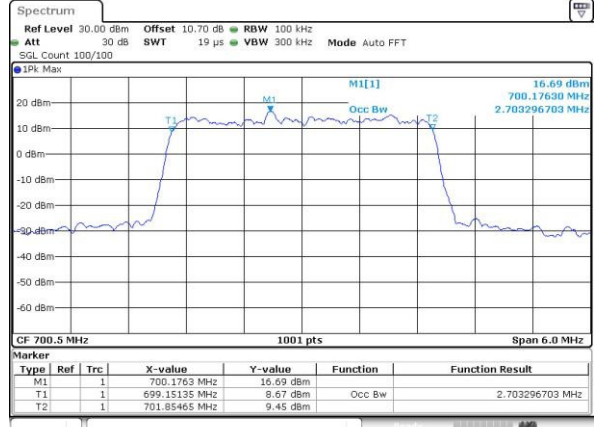
LTE Band 12

Lowest Channel / 3MHz / QPSK



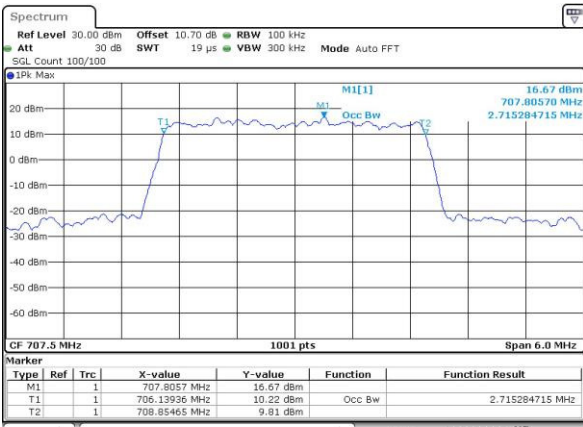
Date: 26\_AUG.2016 20:24:42

Lowest Channel / 3MHz / 16QAM



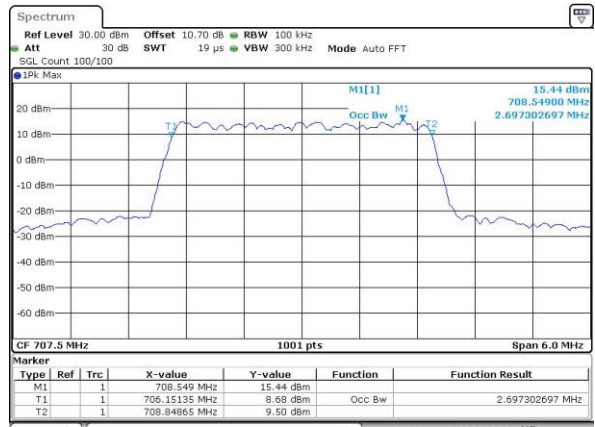
Date: 26\_AUG.2016 20:24:54

Middle Channel / 3MHz / QPSK



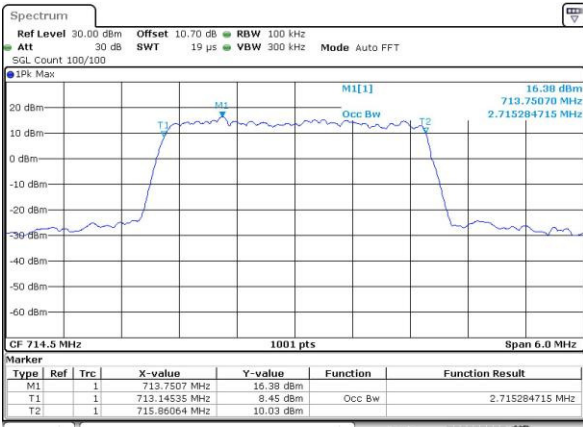
Date: 26\_AUG.2016 20:40:16

Middle Channel / 3MHz / 16QAM



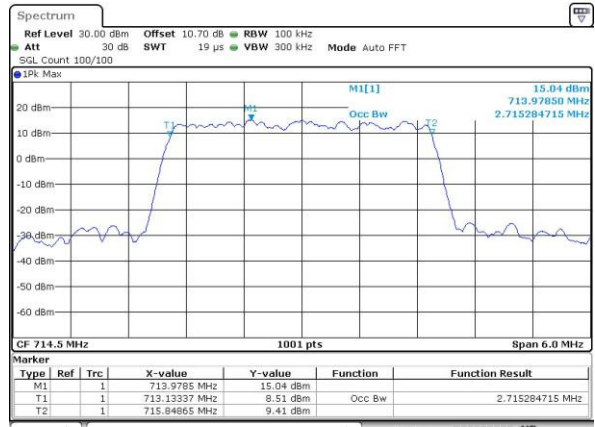
Date: 26\_AUG.2016 20:40:04

Highest Channel / 3MHz / QPSK



Date: 26\_AUG.2016 20:42:49

Highest Channel / 3MHz / 16QAM

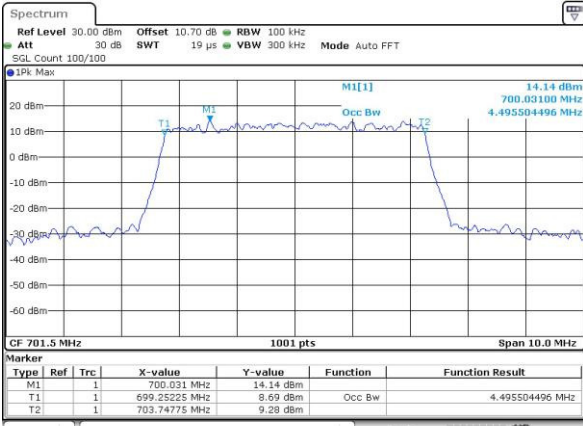


Date: 26\_AUG.2016 20:43:00



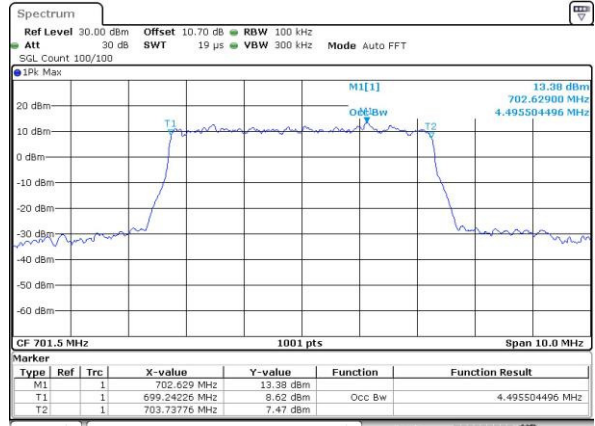
LTE Band 12

Lowest Channel / 5MHz / QPSK



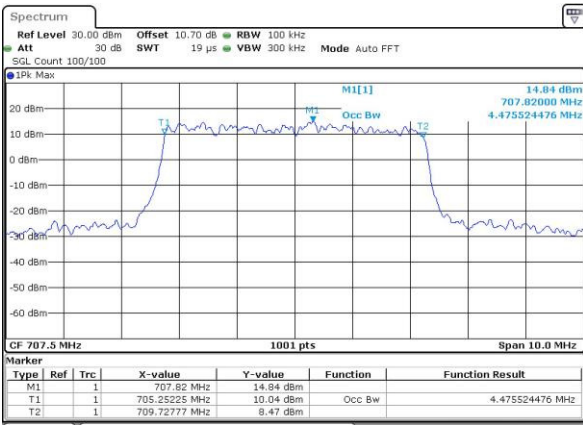
Date: 26\_AUG.2016 20:58:10

Lowest Channel / 5MHz / 16QAM



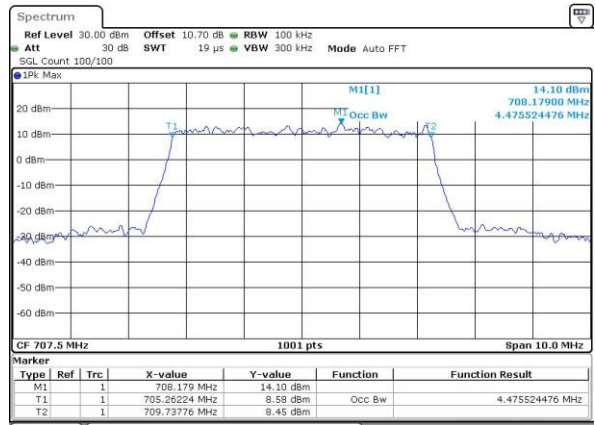
Date: 26\_AUG.2016 20:58:22

Middle Channel / 5MHz / QPSK



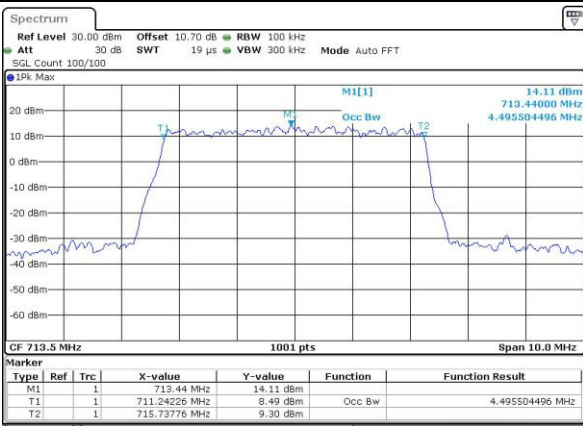
Date: 26\_AUG.2016 21:13:44

Middle Channel / 5MHz / 16QAM



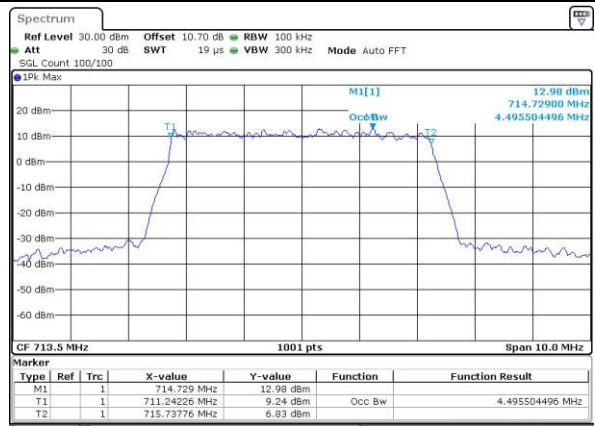
Date: 26\_AUG.2016 21:13:32

Highest Channel / 5MHz / QPSK



Date: 26\_AUG.2016 21:16:15

Highest Channel / 5MHz / 16QAM

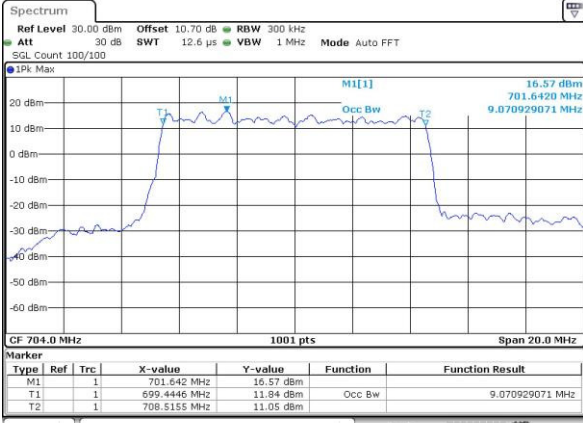


Date: 26\_AUG.2016 21:16:27



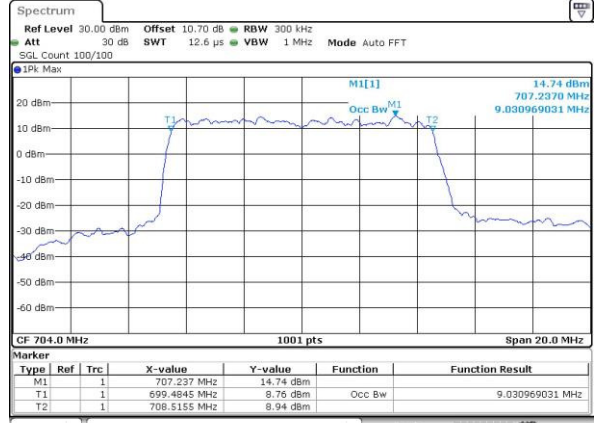
LTE Band 12

Lowest Channel / 10MHz / QPSK



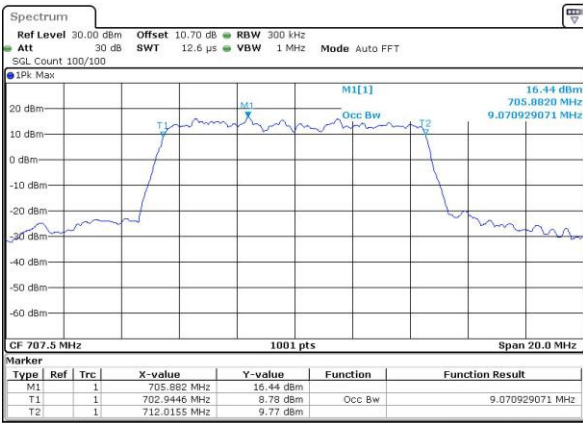
Date: 26\_AUG.2016 22:10:05

Lowest Channel / 10MHz / 16QAM



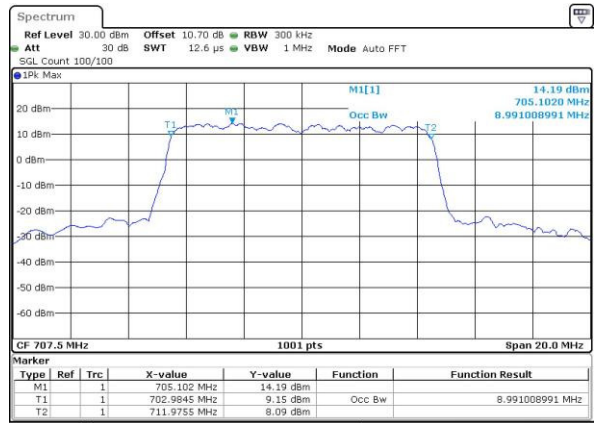
Date: 26\_AUG.2016 22:10:17

Middle Channel / 10MHz / QPSK



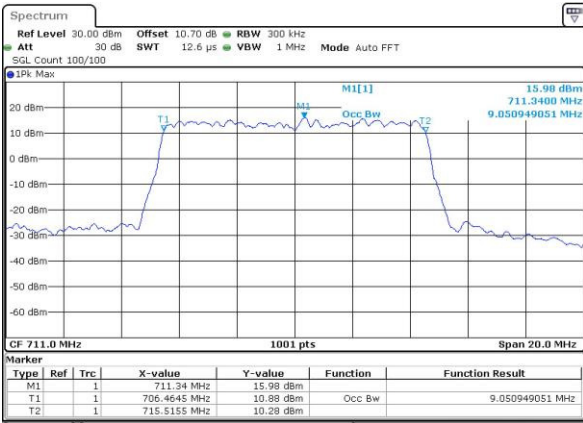
Date: 26\_AUG.2016 22:15:39

Middle Channel / 10MHz / 16QAM



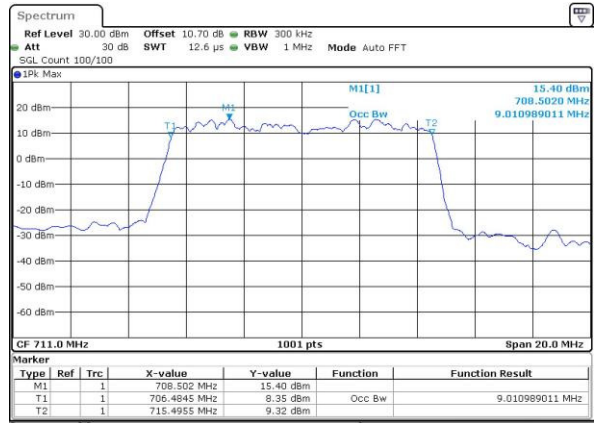
Date: 26\_AUG.2016 22:15:27

Highest Channel / 10MHz / QPSK



Date: 26\_AUG.2016 22:18:11

Highest Channel / 10MHz / 16QAM



Date: 26\_AUG.2016 22:18:22



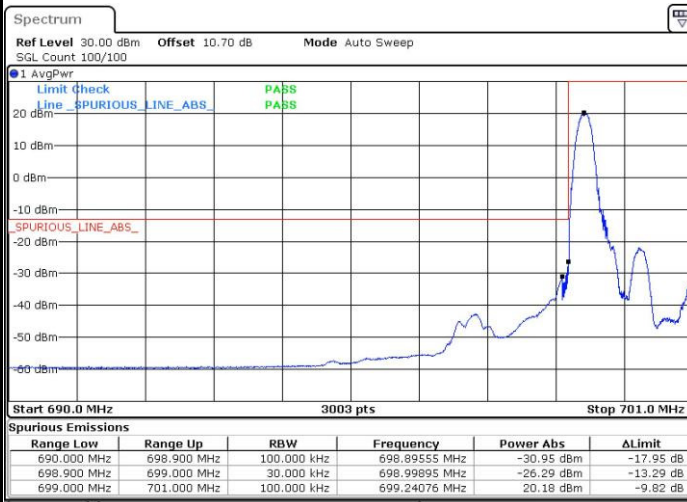
**Conducted Band Edge**





LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



Date: 26.AUG.2016 22:46:46

Highest Band Edge / 1RB



Date: 26.AUG.2016 23:04:52

Lowest Band Edge / Full RB



Date: 26.AUG.2016 22:37:17

Highest Band Edge / Full RB



Date: 26.AUG.2016 22:55:23



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



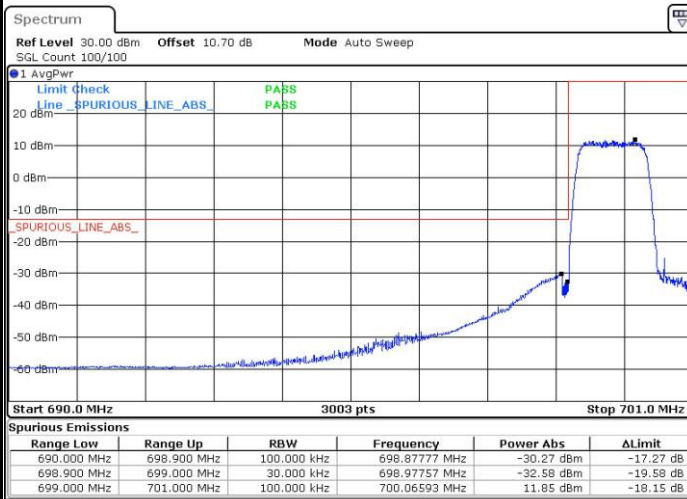
Date: 26.AUG.2016 22:43:36

Highest Band Edge / 1 RB



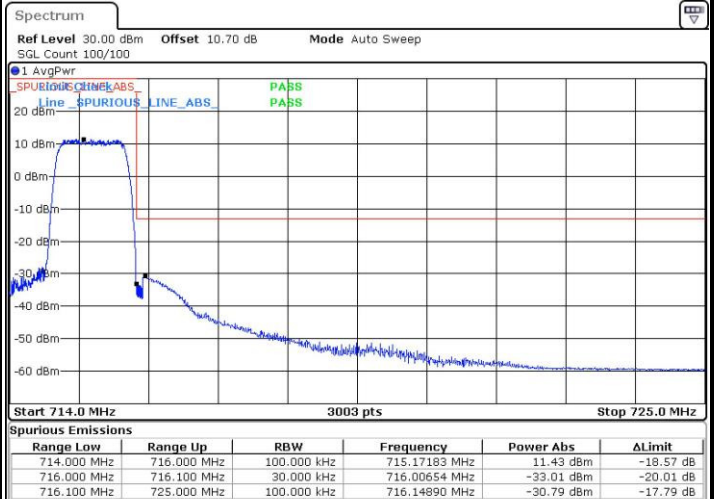
Date: 26.AUG.2016 23:01:42

Lowest Band Edge / Full RB



Date: 26.AUG.2016 22:40:26

Highest Band Edge / Full RB



Date: 26.AUG.2016 22:58:32