



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



Date: 31.OCT.2016 13:51:54

Lowest Channel / Full RB



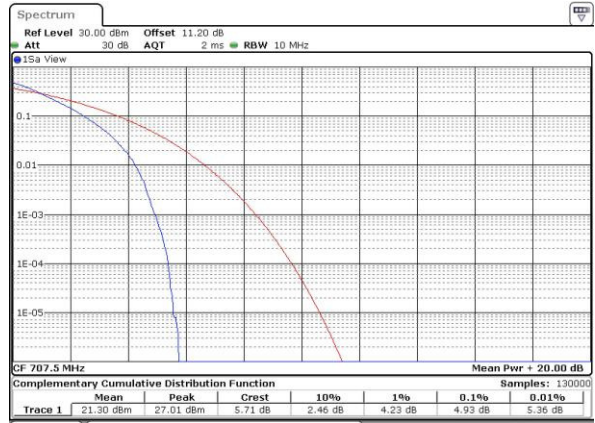
Date: 31.OCT.2016 13:51:40

Middle Channel / 1RB



Date: 31.OCT.2016 13:52:05

Middle Channel / Full RB



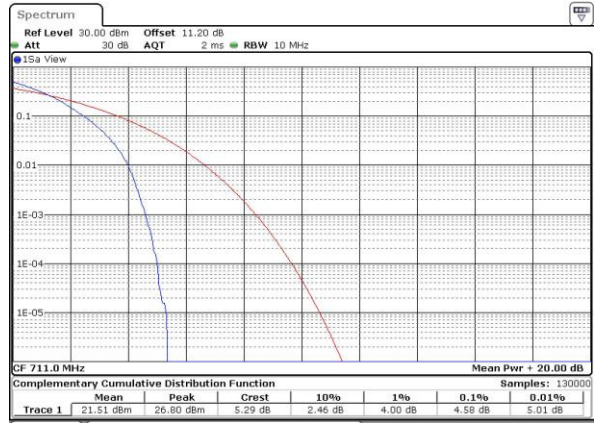
Date: 31.OCT.2016 13:52:16

Highest Channel / 1RB



Date: 31.OCT.2016 13:52:41

Highest Channel / Full RB

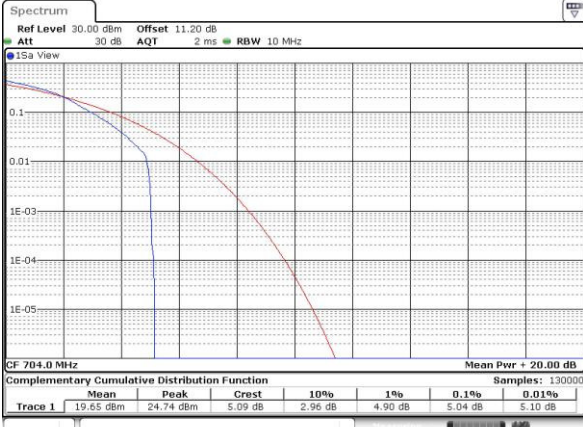


Date: 31.OCT.2016 13:52:29



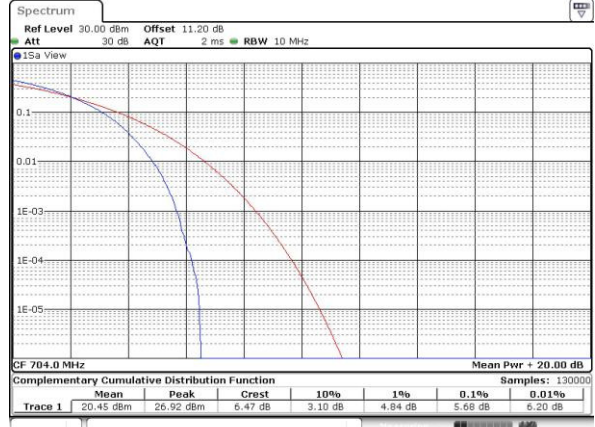
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



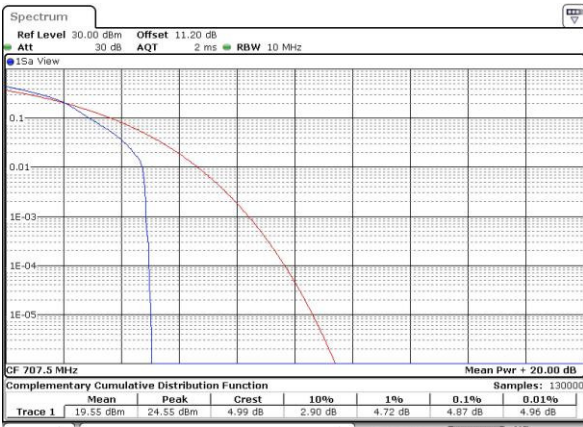
Date: 31.OCT.2016 13:50:26

Lowest Channel / Full RB



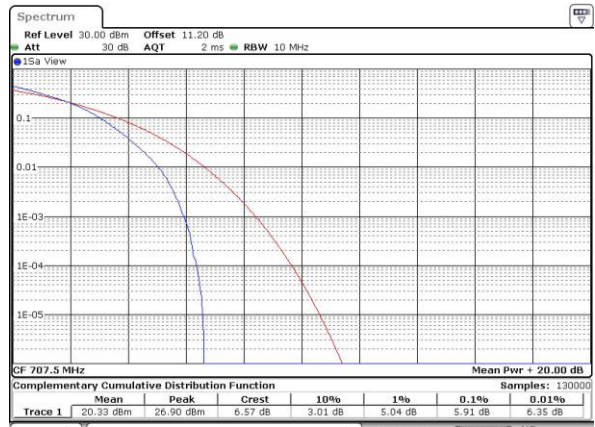
Date: 31.OCT.2016 13:50:11

Middle Channel / 1RB



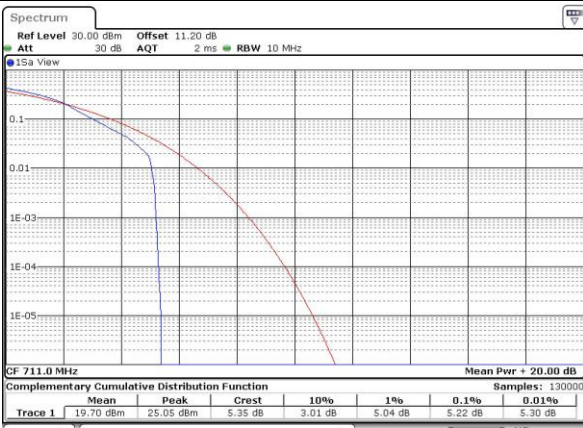
Date: 31.OCT.2016 13:50:38

Middle Channel / Full RB



Date: 31.OCT.2016 13:50:52

Highest Channel / 1RB



Date: 31.OCT.2016 13:51:23

Highest Channel / Full RB



Date: 31.OCT.2016 13:51:07



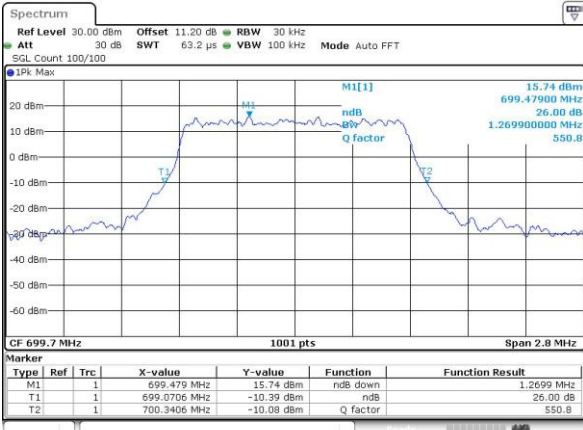
26dB Bandwidth

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
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	-	-	-	-



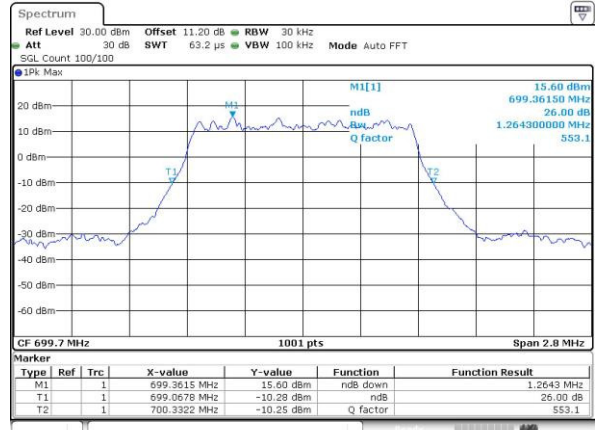
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



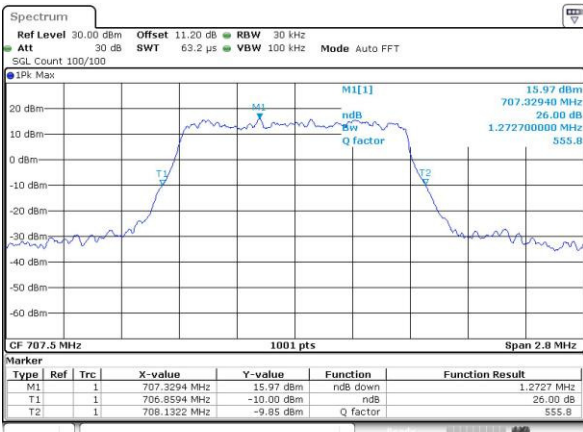
Date: 31.OCT.2016 11:33:35

Lowest Channel / 1.4MHz / 16QAM



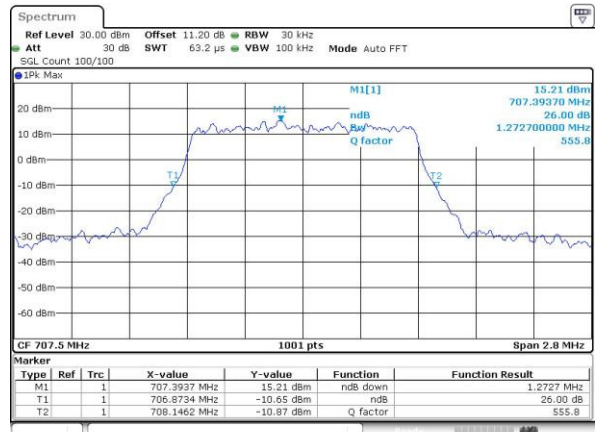
Date: 31.OCT.2016 11:33:24

Middle Channel / 1.4MHz / QPSK



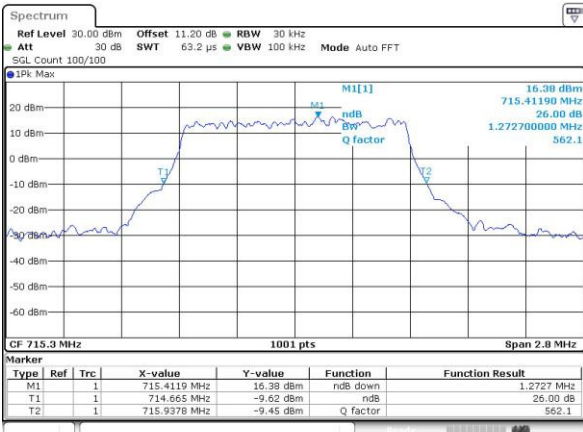
Date: 31.OCT.2016 11:40:45

Middle Channel / 1.4MHz / 16QAM



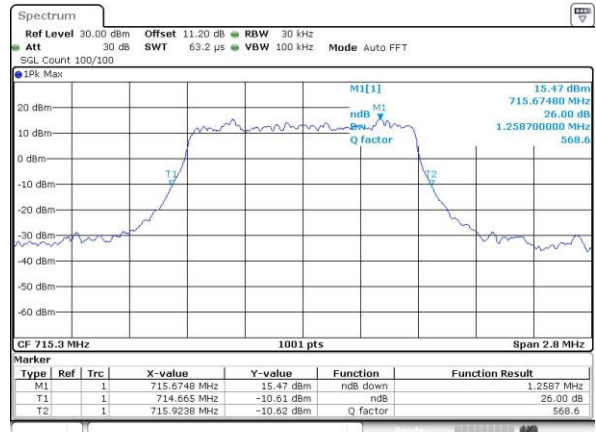
Date: 31.OCT.2016 11:40:57

Highest Channel / 1.4MHz / QPSK



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

Highest Channel / 1.4MHz / 16QAM

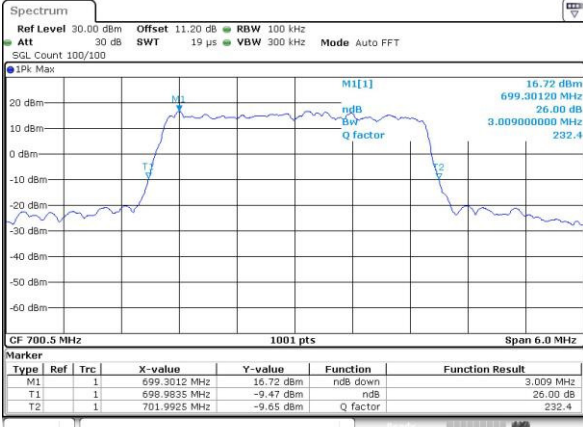


Date: 31.OCT.2016 11:43:29



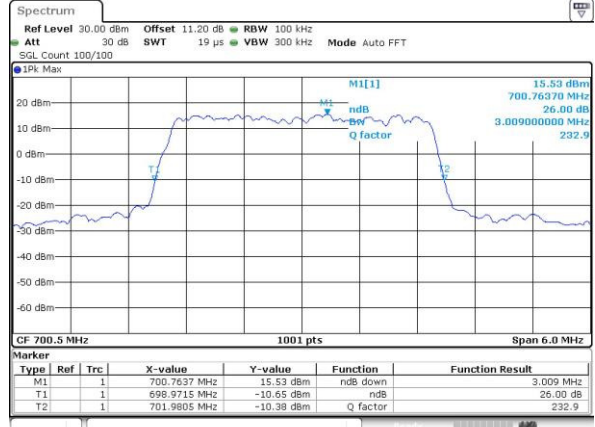
LTE Band 12

Lowest Channel / 3MHz / QPSK



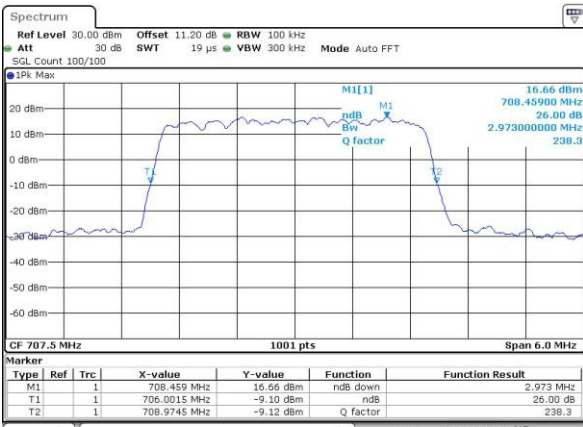
Date: 31.OCT.2016 11:51:02

Lowest Channel / 3MHz / 16QAM



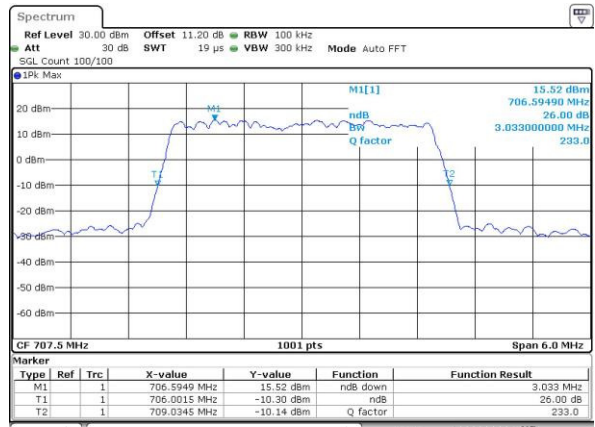
Date: 31.OCT.2016 11:50:51

Middle Channel / 3MHz / QPSK



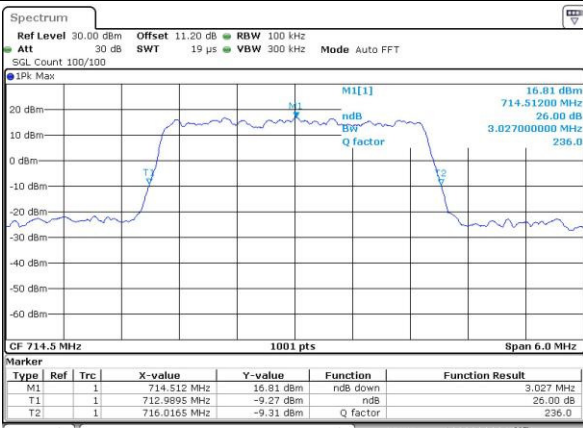
Date: 31.OCT.2016 11:58:12

Middle Channel / 3MHz / 16QAM



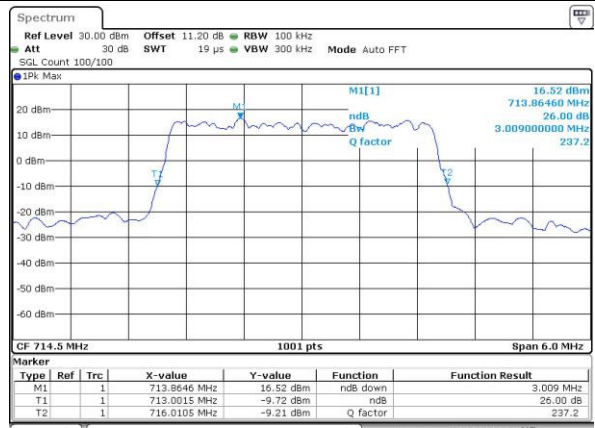
Date: 31.OCT.2016 11:58:24

Highest Channel / 3MHz / QPSK



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

Highest Channel / 3MHz / 16QAM

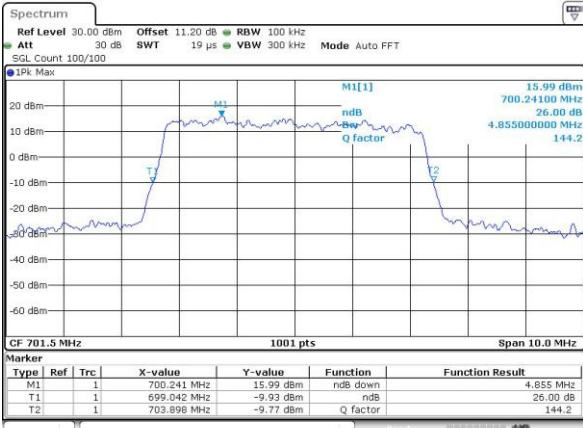


Date: 31.OCT.2016 12:00:56



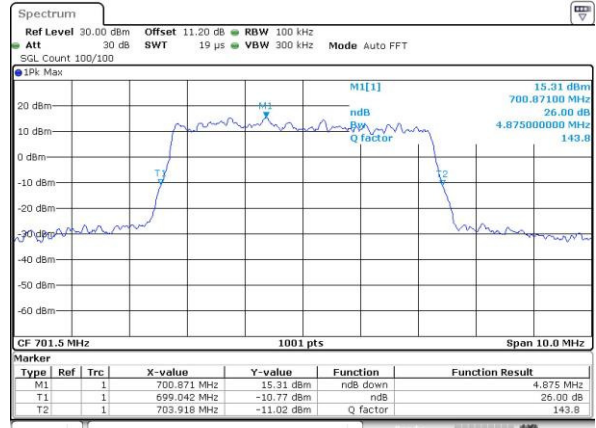
LTE Band 12

Lowest Channel / 5MHz / QPSK



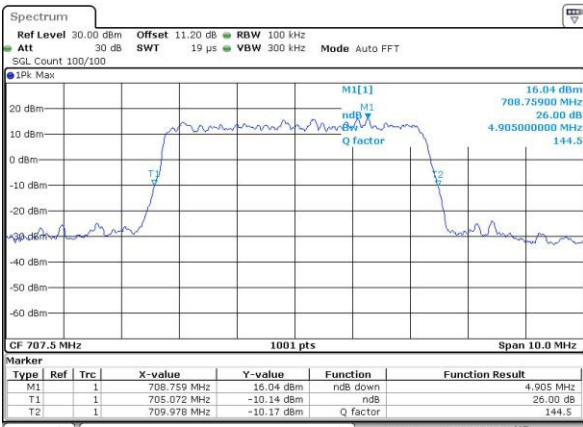
Date: 31.OCT.2016 12:08:29

Lowest Channel / 5MHz / 16QAM



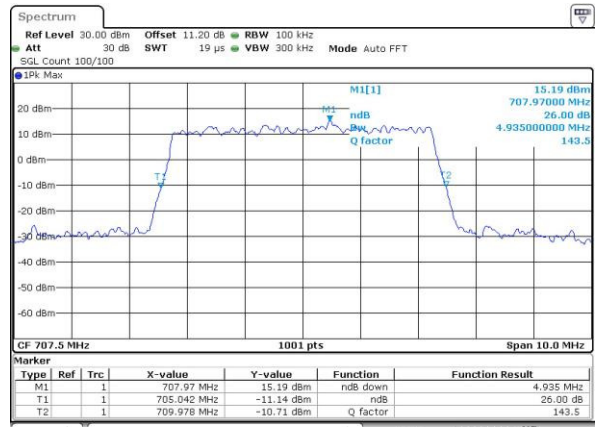
Date: 31.OCT.2016 12:08:18

Middle Channel / 5MHz / QPSK



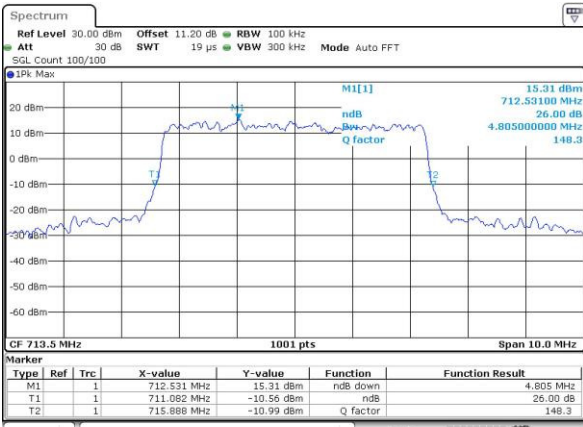
Date: 31.OCT.2016 12:15:40

Middle Channel / 5MHz / 16QAM



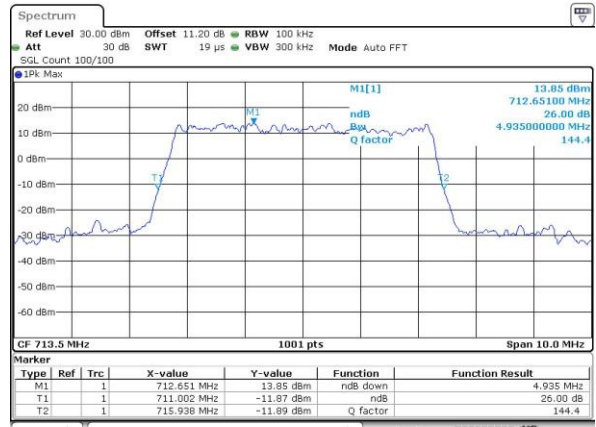
Date: 31.OCT.2016 12:15:51

Highest Channel / 5MHz / QPSK



Date: 31.OCT.2016 12:18:35

Highest Channel / 5MHz / 16QAM

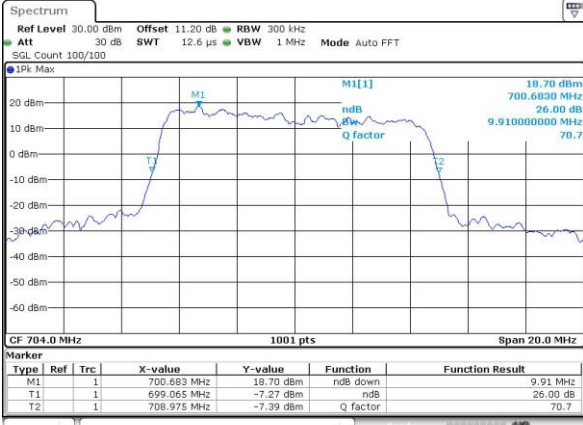


Date: 31.OCT.2016 12:18:23



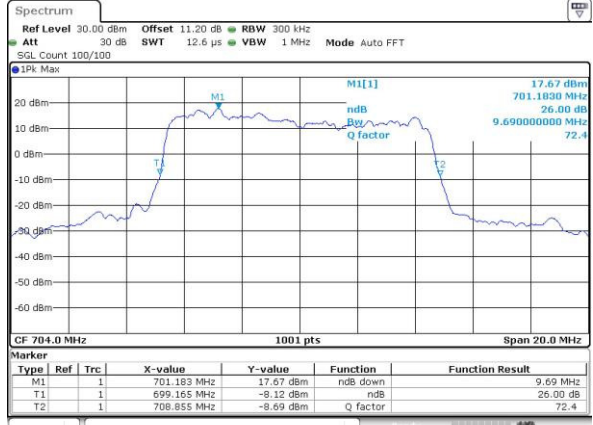
LTE Band 12

Lowest Channel / 10MHz / QPSK



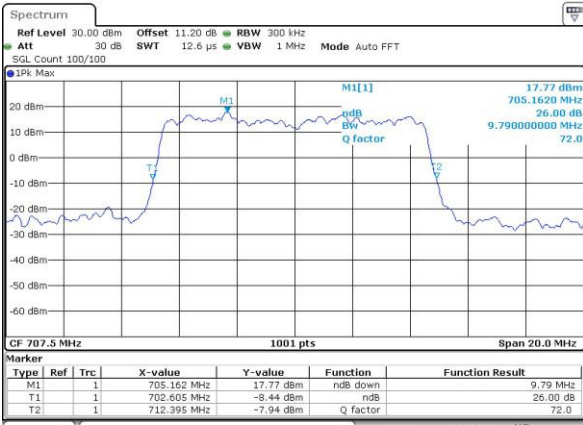
Date: 31.OCT.2016 12:25:57

Lowest Channel / 10MHz / 16QAM



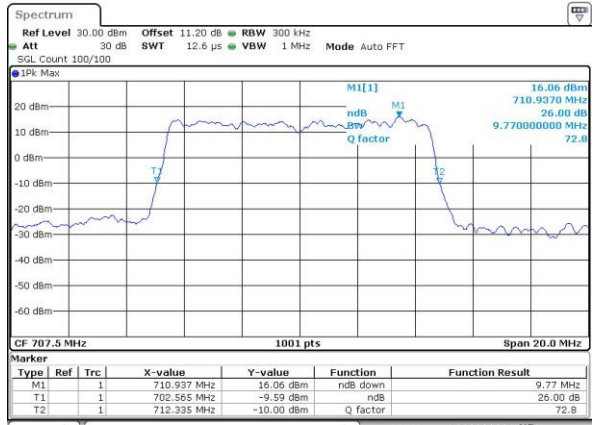
Date: 31.OCT.2016 12:25:45

Middle Channel / 10MHz / QPSK



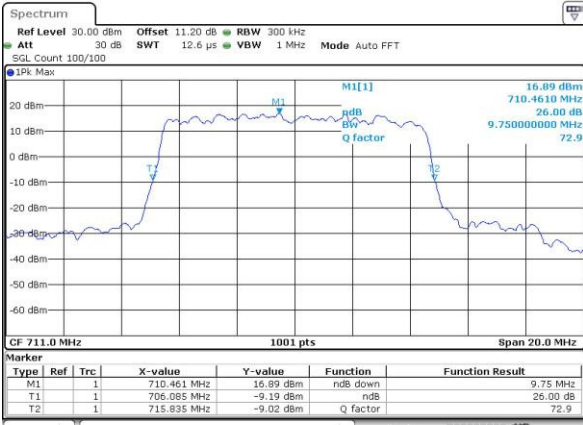
Date: 31.OCT.2016 12:33:06

Middle Channel / 10MHz / 16QAM



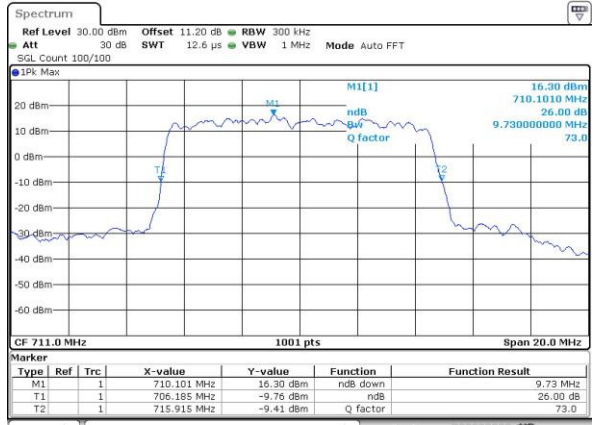
Date: 31.OCT.2016 12:33:18

Highest Channel / 10MHz / QPSK



Date: 31.OCT.2016 12:36:01

Highest Channel / 10MHz / 16QAM



Date: 31.OCT.2016 12:35:50



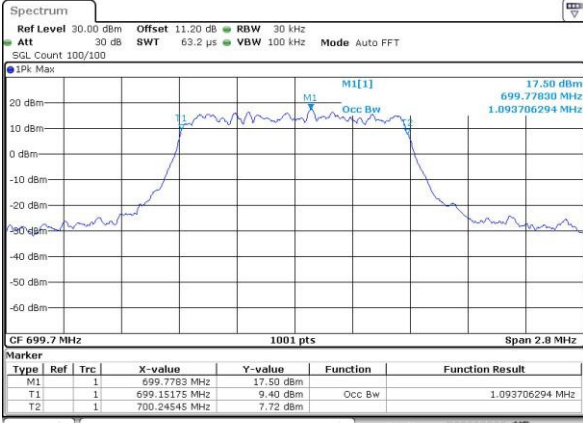
Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
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	-	-	-	-



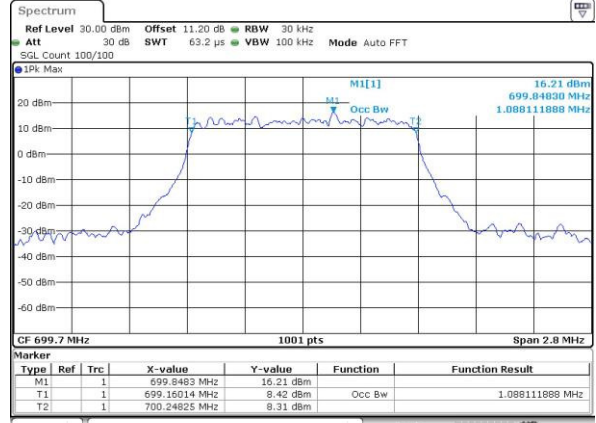
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



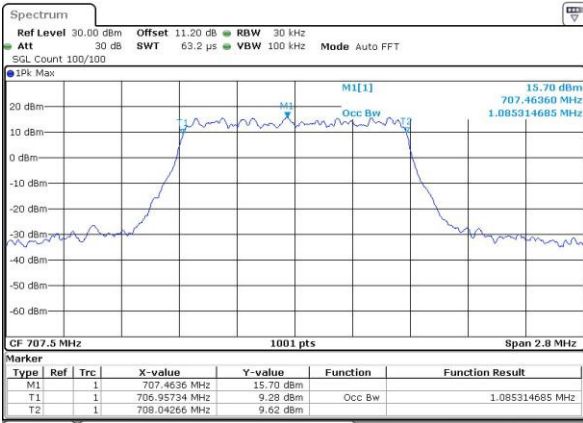
Date: 31.OCT.2016 11:33:00

Lowest Channel / 1.4MHz / 16QAM



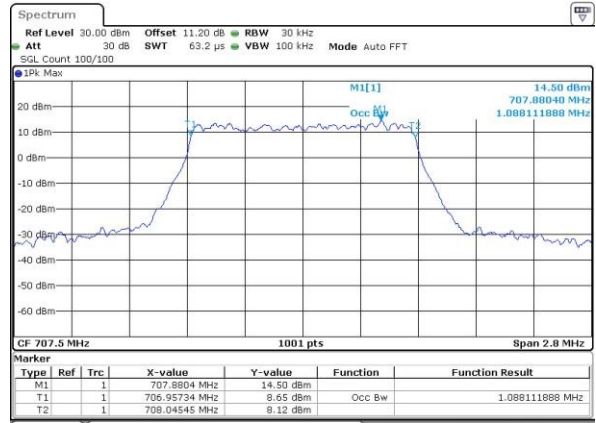
Date: 31.OCT.2016 11:33:12

Middle Channel / 1.4MHz / QPSK



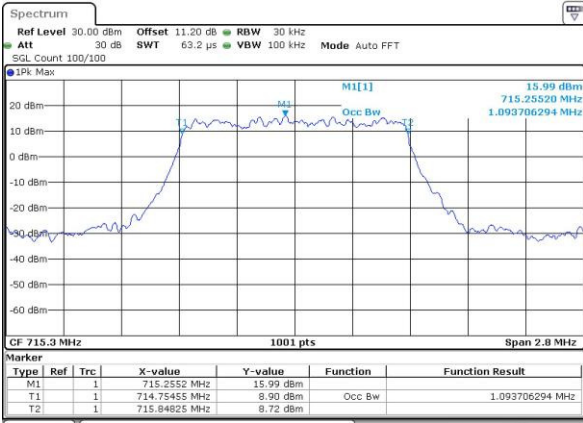
Date: 31.OCT.2016 11:43:04

Middle Channel / 1.4MHz / 16QAM



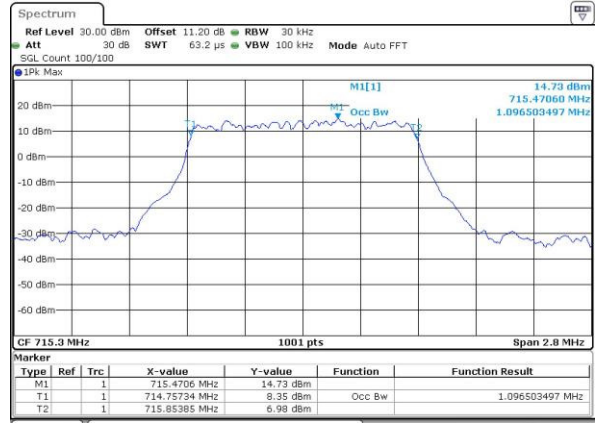
Date: 31.OCT.2016 11:43:22

Highest Channel / 1.4MHz / QPSK



Date: 31.OCT.2016 11:43:06

Highest Channel / 1.4MHz / 16QAM

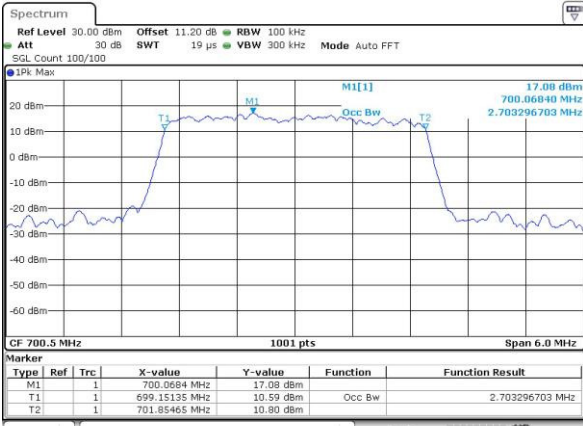


Date: 31.OCT.2016 11:43:17



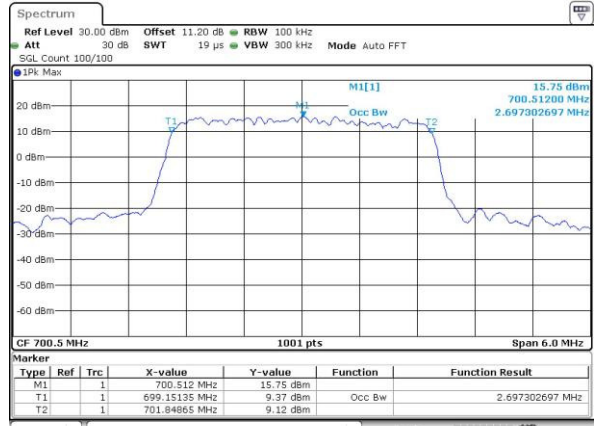
LTE Band 12

Lowest Channel / 3MHz / QPSK



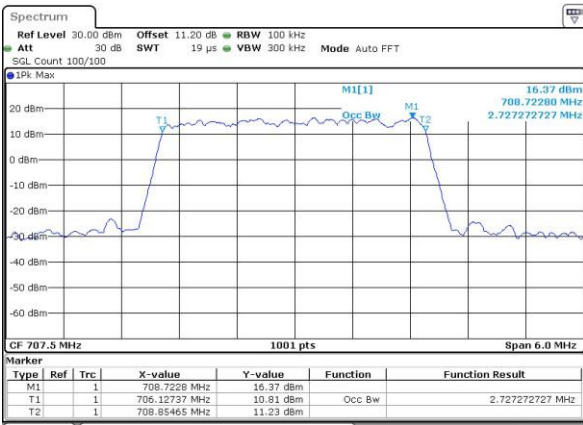
Date: 31.OCT.2016 11:50:27

Lowest Channel / 3MHz / 16QAM



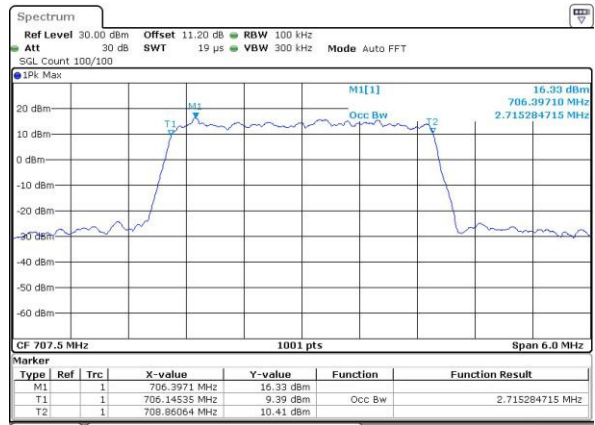
Date: 31.OCT.2016 11:50:39

Middle Channel / 3MHz / QPSK



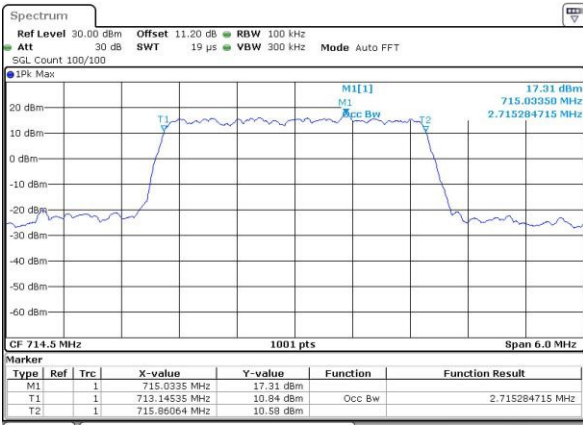
Date: 31.OCT.2016 11:58:01

Middle Channel / 3MHz / 16QAM



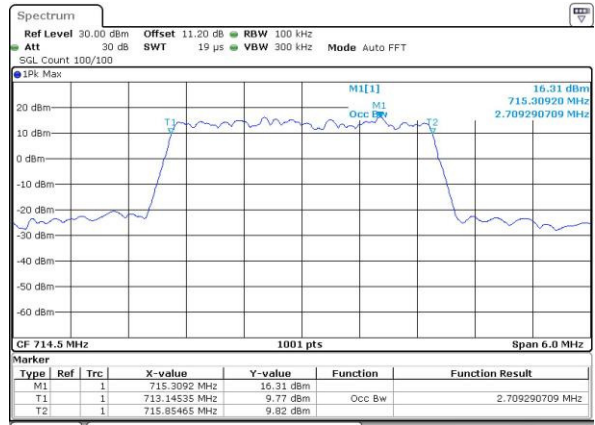
Date: 31.OCT.2016 11:57:49

Highest Channel / 3MHz / QPSK



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

Highest Channel / 3MHz / 16QAM

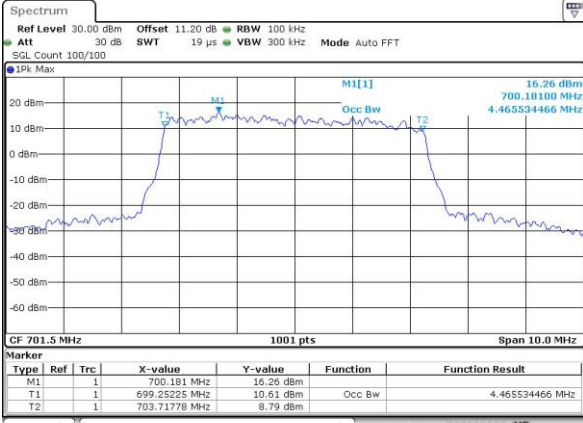


Date: 31.OCT.2016 12:00:44



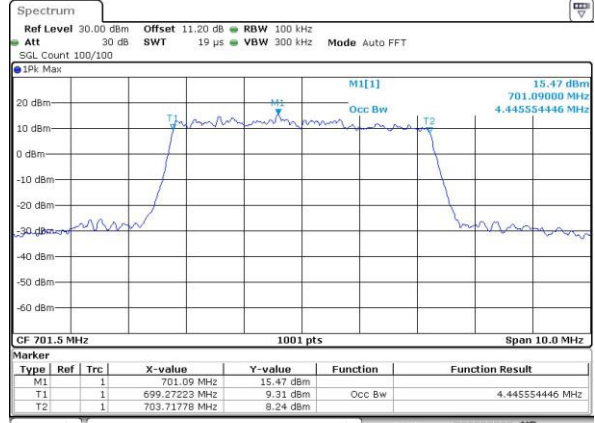
LTE Band 12

Lowest Channel / 5MHz / QPSK



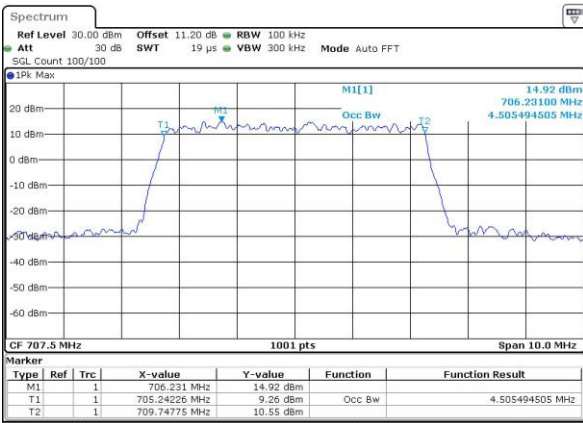
Date: 31.OCT.2016 12:07:54

Lowest Channel / 5MHz / 16QAM



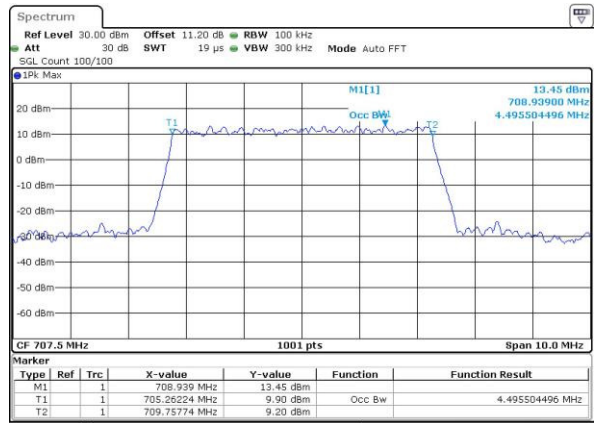
Date: 31.OCT.2016 12:08:06

Middle Channel / 5MHz / QPSK



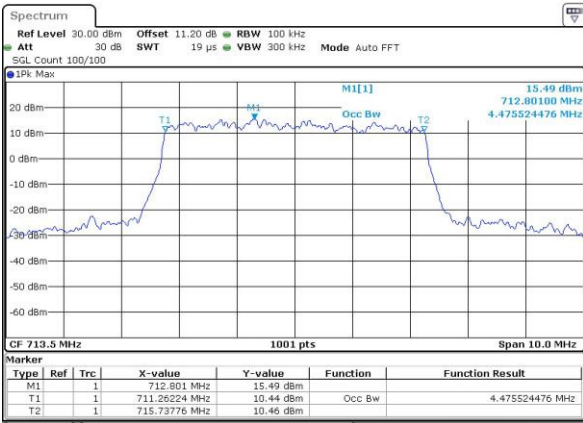
Date: 31.OCT.2016 12:15:28

Middle Channel / 5MHz / 16QAM



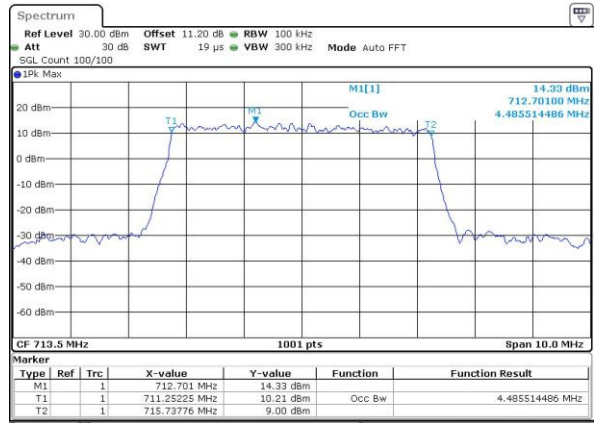
Date: 31.OCT.2016 12:15:16

Highest Channel / 5MHz / QPSK



Date: 31.OCT.2016 12:18:00

Highest Channel / 5MHz / 16QAM

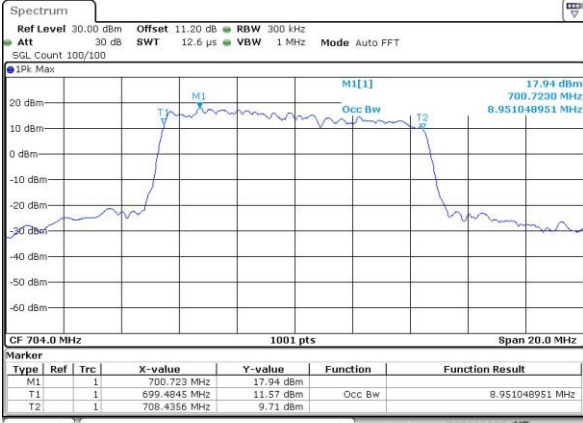


Date: 31.OCT.2016 12:18:12



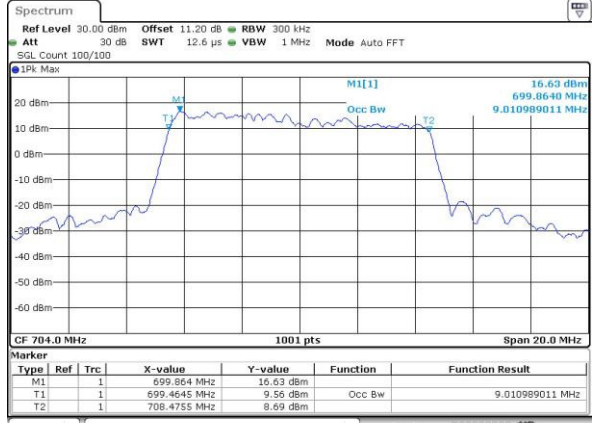
LTE Band 12

Lowest Channel / 10MHz / QPSK



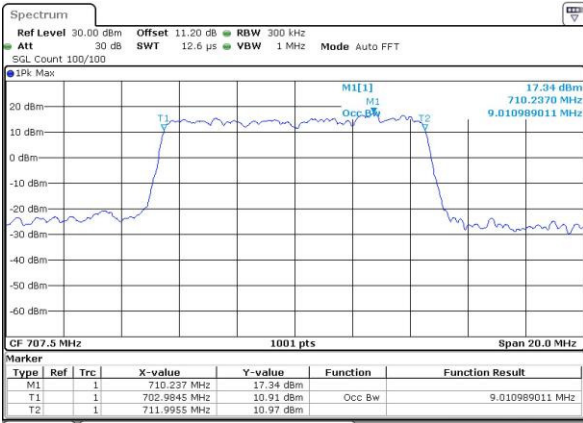
Date: 31.OCT.2016 12:25:22

Lowest Channel / 10MHz / 16QAM



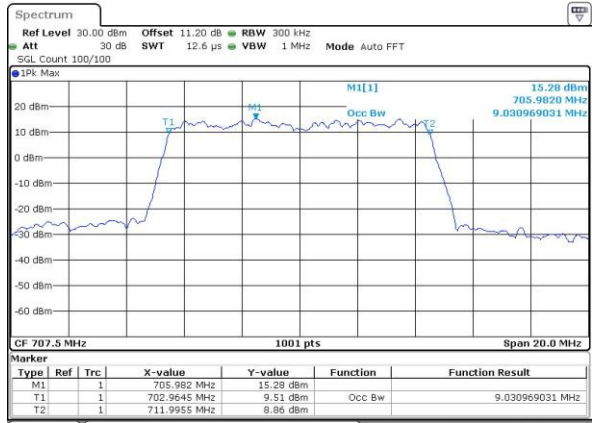
Date: 31.OCT.2016 12:25:33

Middle Channel / 10MHz / QPSK



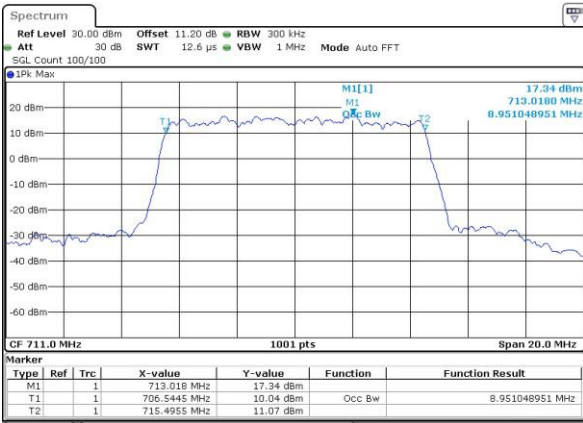
Date: 31.OCT.2016 12:32:55

Middle Channel / 10MHz / 16QAM



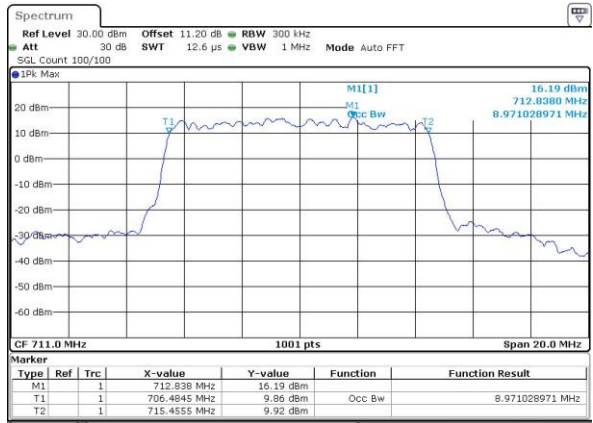
Date: 31.OCT.2016 12:32:43

Highest Channel / 10MHz / QPSK



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

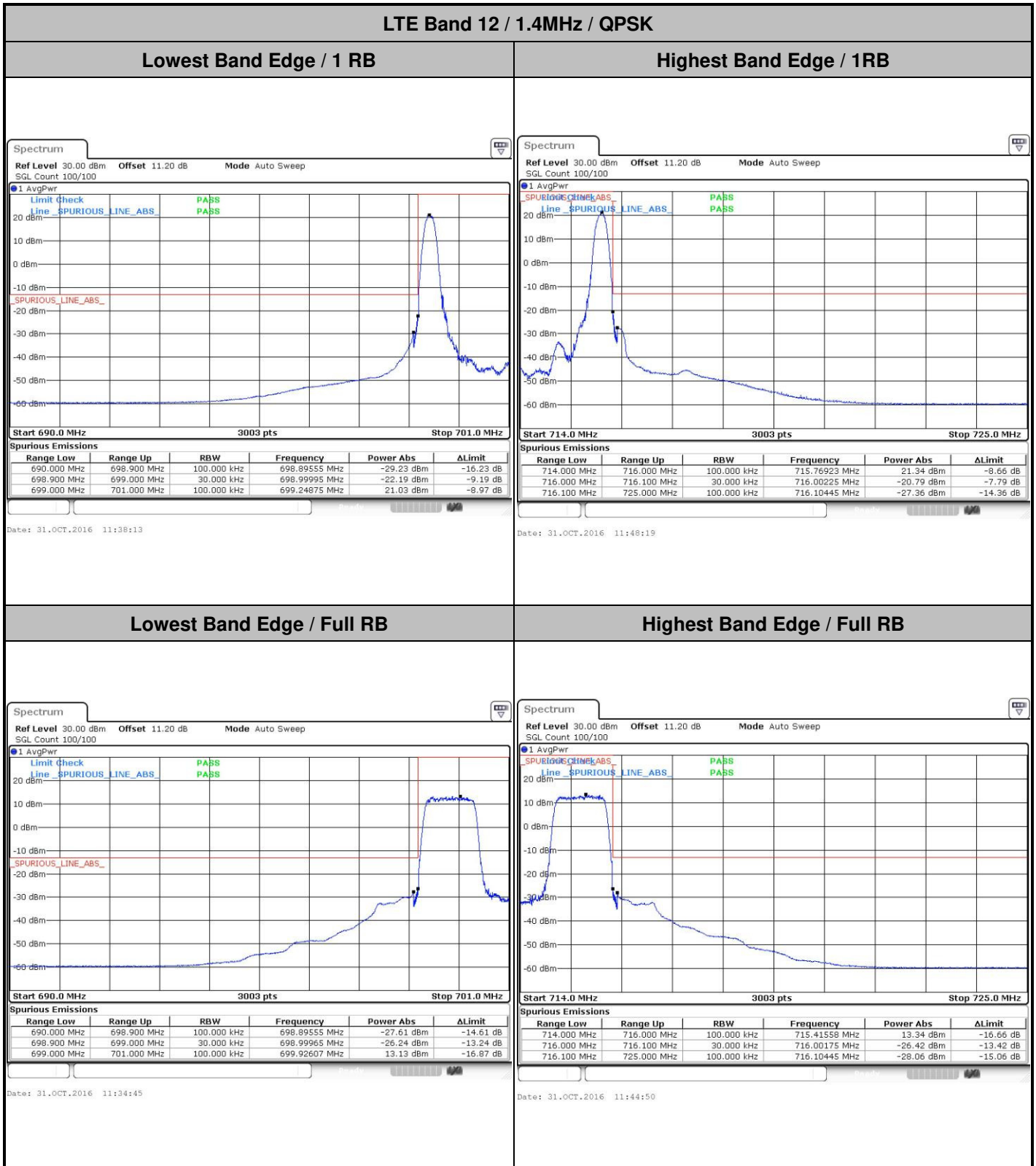
Highest Channel / 10MHz / 16QAM



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



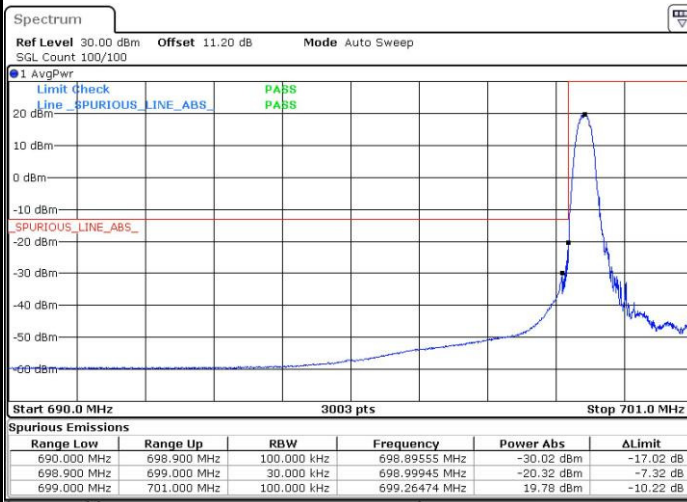
Conducted Band Edge





LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



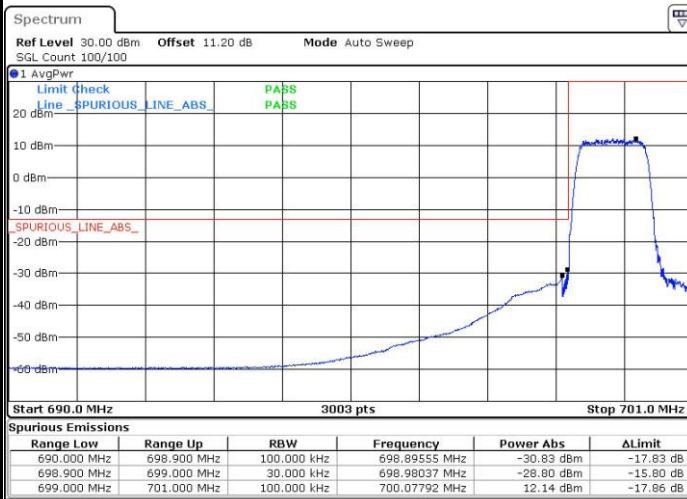
Date: 31.OCT.2016 11:37:04

Highest Band Edge / 1 RB



Date: 31.OCT.2016 11:47:09

Lowest Band Edge / Full RB



Date: 31.OCT.2016 11:35:54

Highest Band Edge / Full RB



Date: 31.OCT.2016 11:46:00