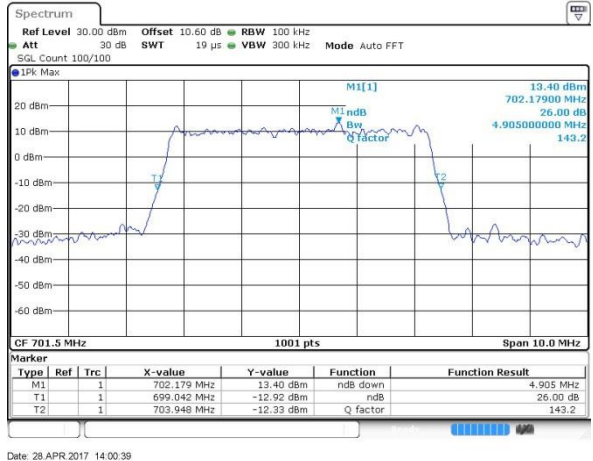


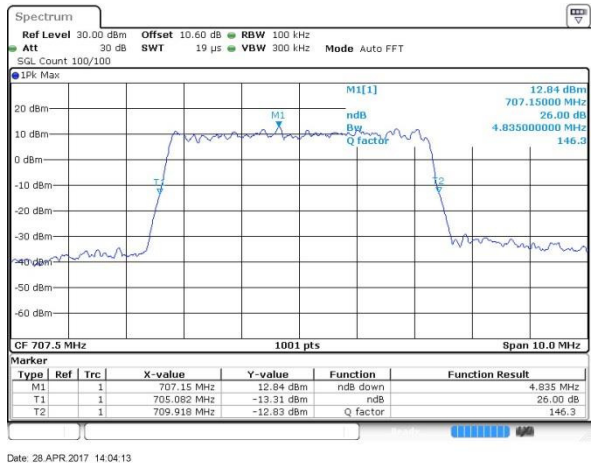


LTE Band 12

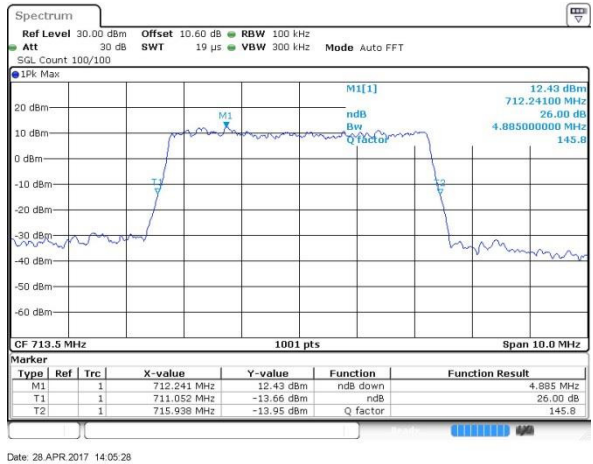
Lowest Channel / 5MHz / 64QAM



Middle Channel / 5MHz / 64QAM



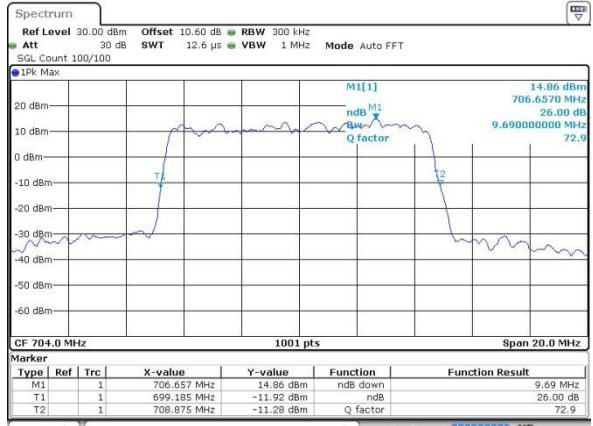
Highest Channel / 5MHz / 64QAM





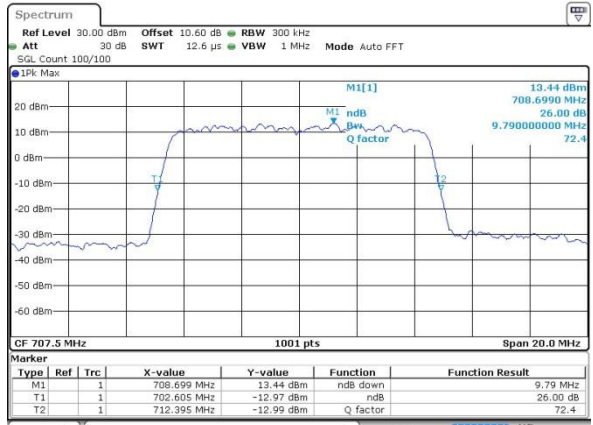
LTE Band 12

Lowest Channel / 10MHz / 64QAM



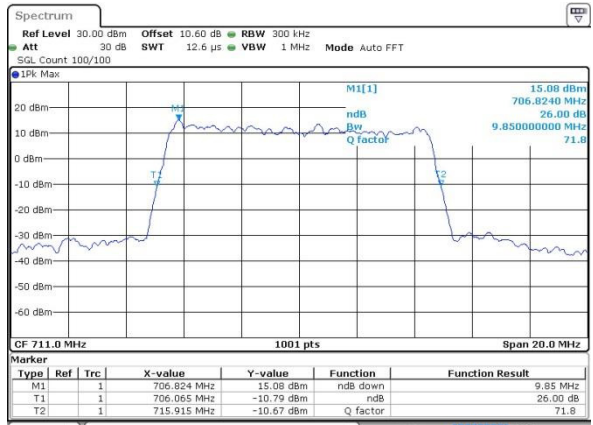
Date: 28 APR 2017 14:09:02

Middle Channel / 10MHz / 64QAM



Date: 28 APR 2017 14:12:36

Highest Channel / 10MHz / 64QAM



Date: 28 APR 2017 14:13:51



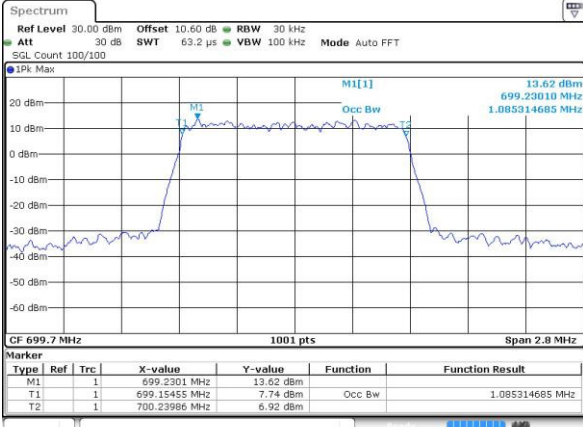
Occupied Bandwidth

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	2.72	2.73	4.49	4.52	8.97	8.99	-	-	-	-
Middle CH	1.09	1.08	2.72	2.72	4.47	4.46	8.97	8.89	-	-	-	-
Highest CH	1.1	1.1	2.73	2.73	4.5	4.48	9.05	9.01	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.1	-	2.75	-	4.48	-	9.01	-	-	-	-
Middle CH	-	1.08	-	2.72	-	4.49	-	8.91	-	-	-	-
Highest CH	-	1.09	-	2.71	-	4.51	-	8.99	-	-	-	-



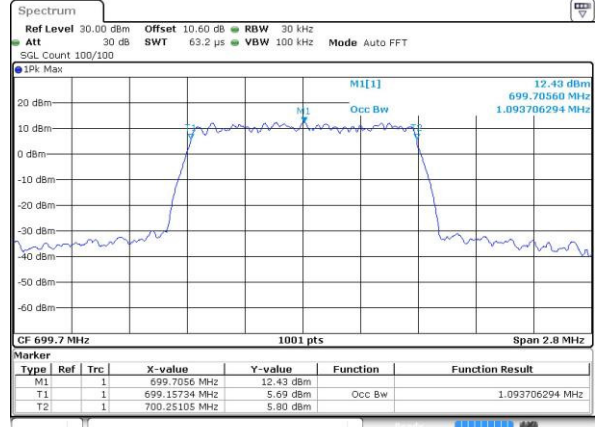
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



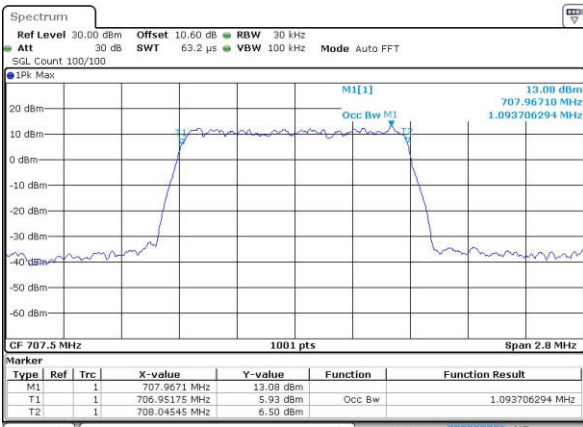
Date: 21 APR 2017 18:59:49

Lowest Channel / 1.4MHz / 16QAM



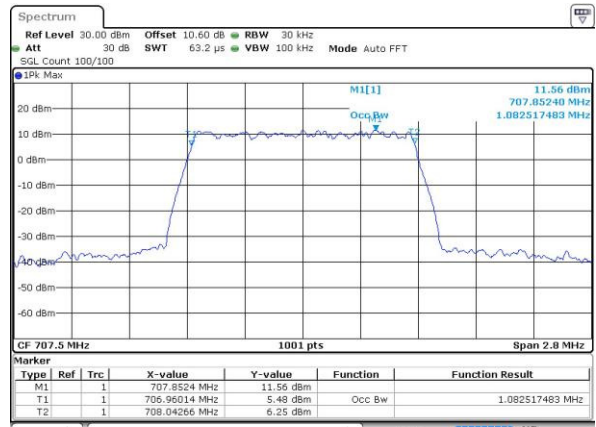
Date: 21 APR 2017 18:59:59

Middle Channel / 1.4MHz / QPSK



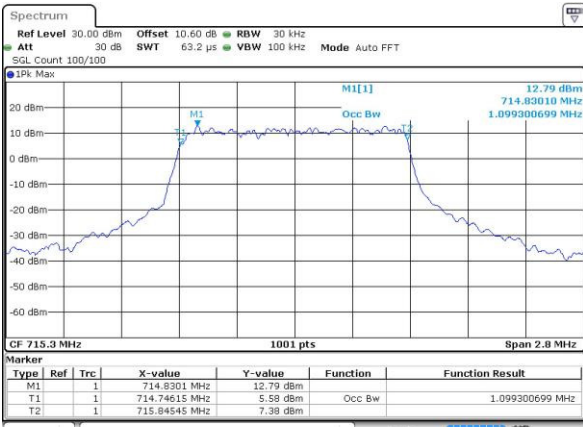
Date: 21 APR 2017 19:07:08

Middle Channel / 1.4MHz / 16QAM



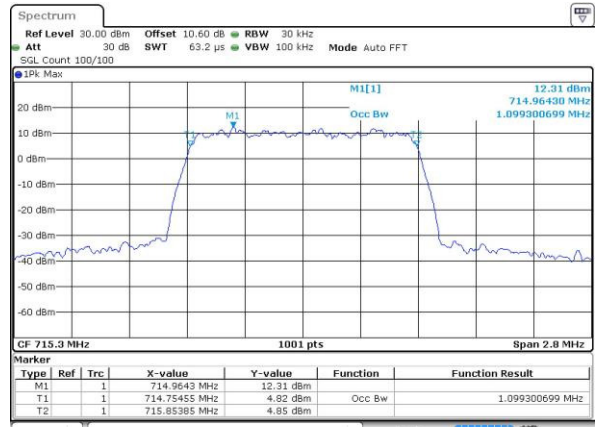
Date: 21 APR 2017 19:05:55

Highest Channel / 1.4MHz / QPSK



Date: 21 APR 2017 19:09:26

Highest Channel / 1.4MHz / 16QAM

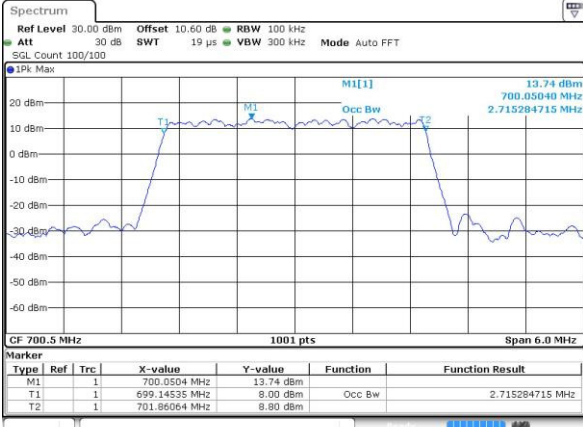


Date: 21 APR 2017 19:09:36



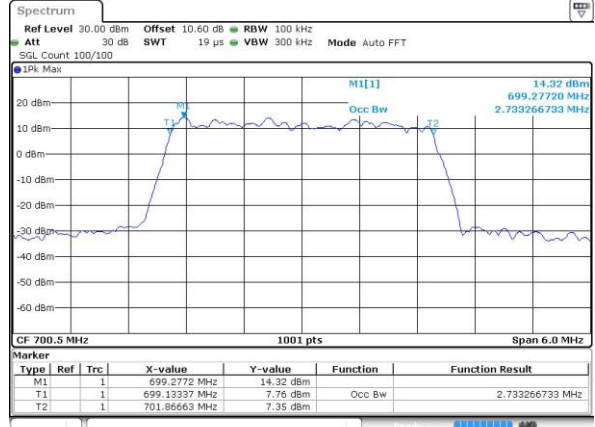
LTE Band 12

Lowest Channel / 3MHz / QPSK



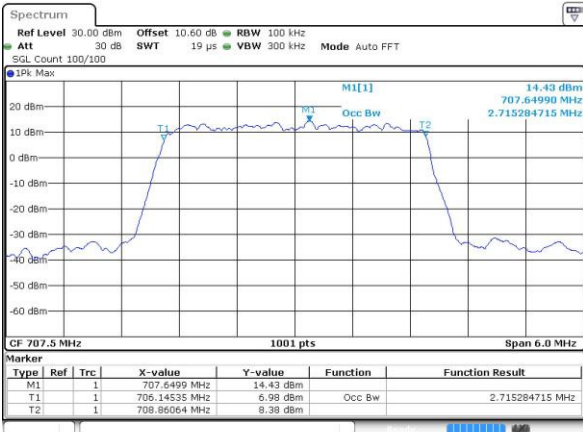
Date: 21 APR 2017 17:56:03

Lowest Channel / 3MHz / 16QAM



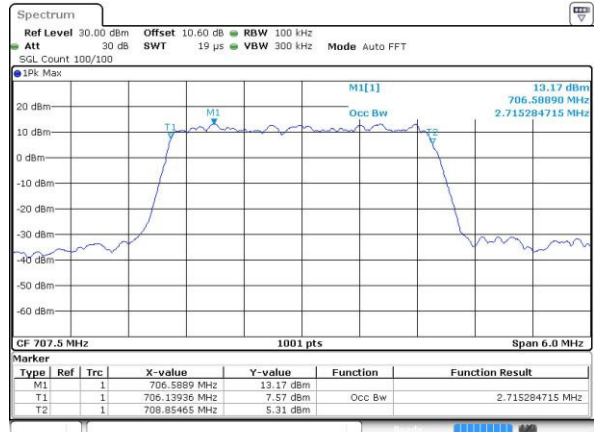
Date: 21 APR 2017 17:56:14

Middle Channel / 3MHz / QPSK



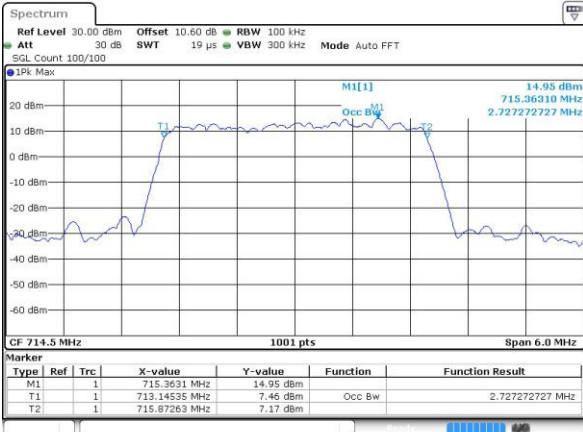
Date: 21 APR 2017 18:03:20

Middle Channel / 3MHz / 16QAM



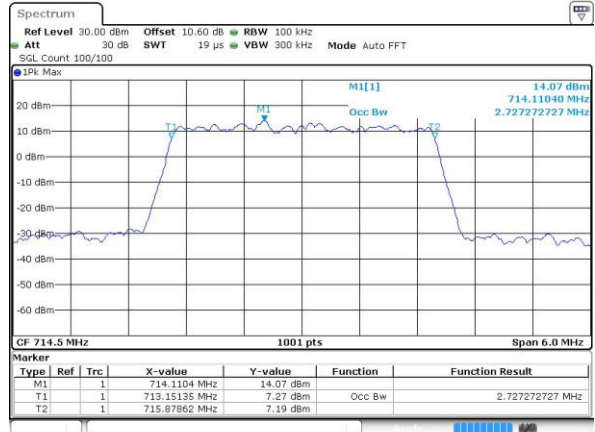
Date: 21 APR 2017 18:03:10

Highest Channel / 3MHz / QPSK



Date: 21 APR 2017 18:05:39

Highest Channel / 3MHz / 16QAM

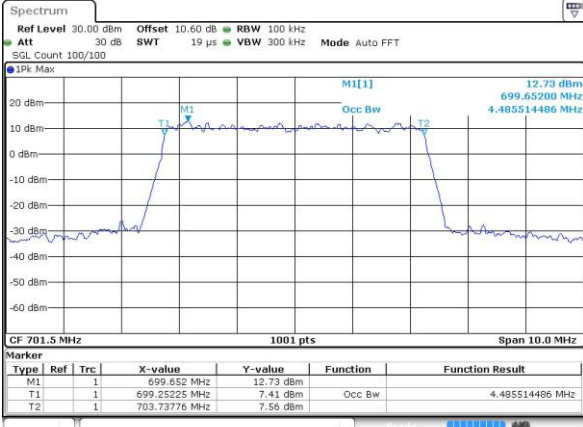


Date: 21 APR 2017 18:05:50



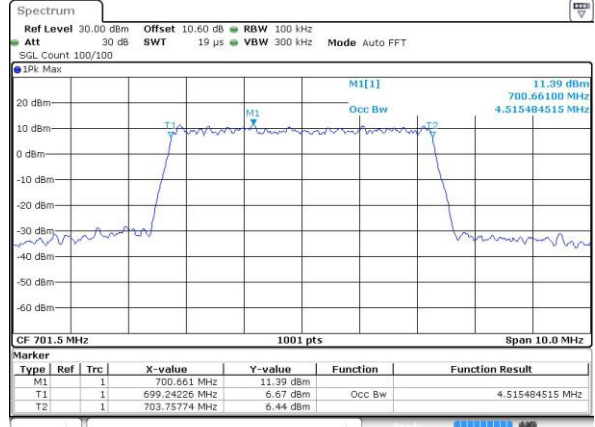
LTE Band 12

Lowest Channel / 5MHz / QPSK



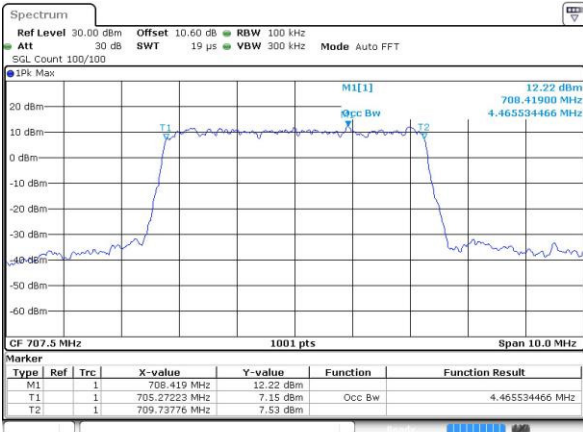
Date: 21 APR 2017 18:12:45

Lowest Channel / 5MHz / 16QAM



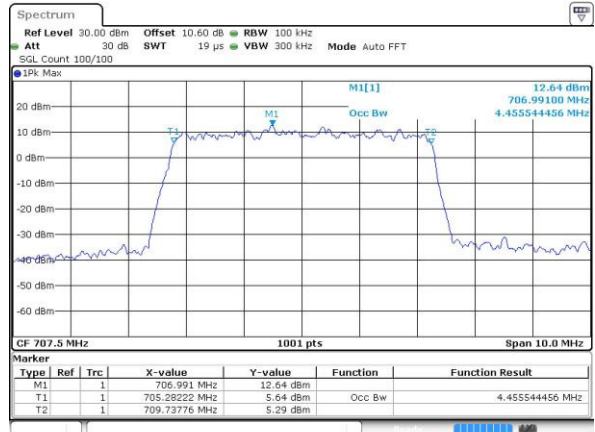
Date: 21 APR 2017 18:12:56

Middle Channel / 5MHz / QPSK



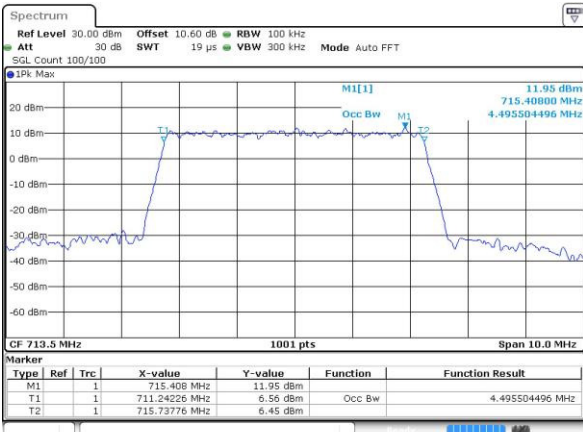
Date: 21 APR 2017 18:20:01

Middle Channel / 5MHz / 16QAM



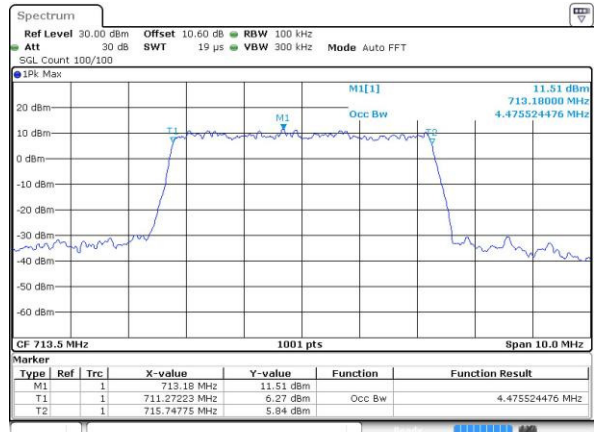
Date: 21 APR 2017 18:19:51

Highest Channel / 5MHz / QPSK



Date: 21 APR 2017 18:22:20

Highest Channel / 5MHz / 16QAM

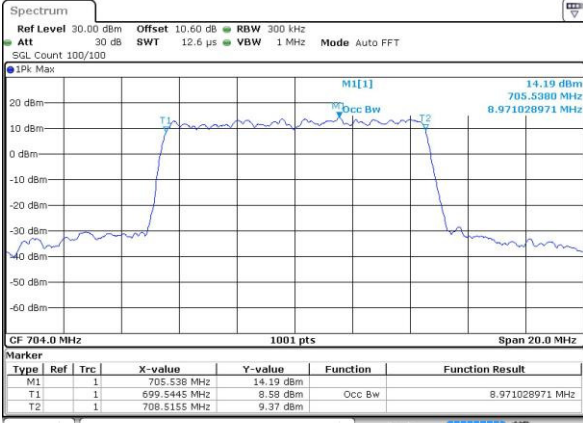


Date: 21 APR 2017 18:22:31



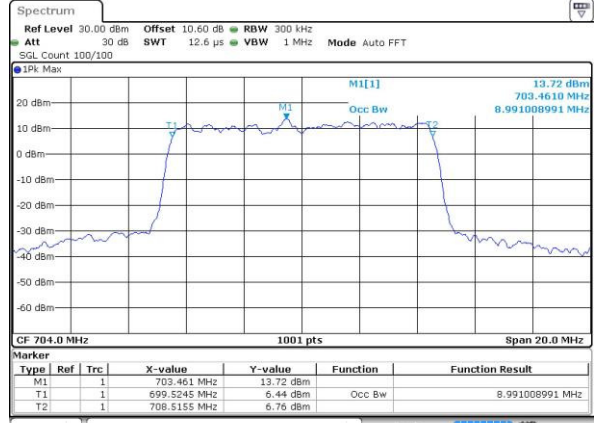
LTE Band 12

Lowest Channel / 10MHz / QPSK



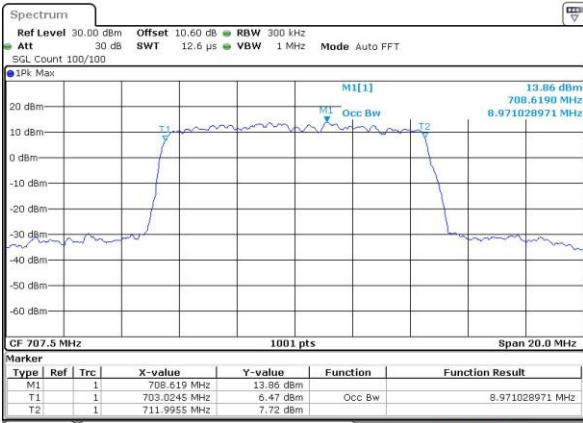
Date: 21 APR 2017 18:29:26

Lowest Channel / 10MHz / 16QAM



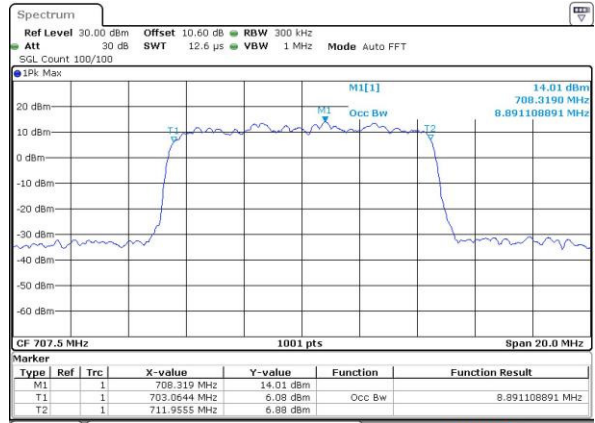
Date: 21 APR 2017 18:29:37

Middle Channel / 10MHz / QPSK



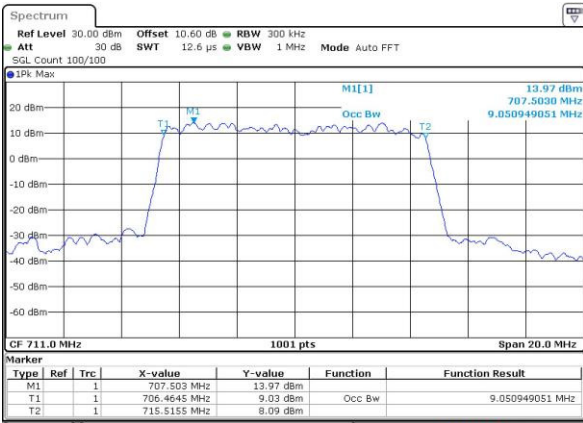
Date: 21 APR 2017 18:36:43

Middle Channel / 10MHz / 16QAM



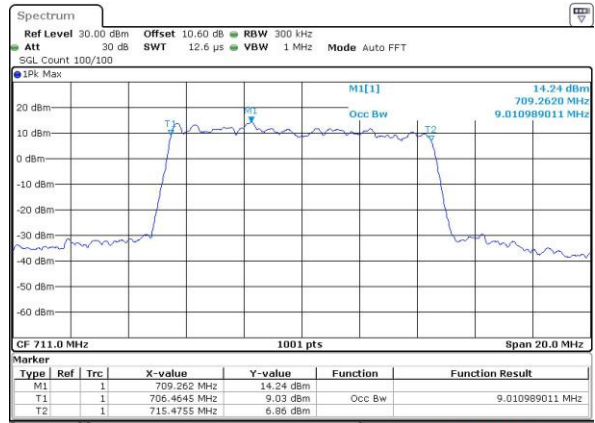
Date: 21 APR 2017 18:36:52

Highest Channel / 10MHz / QPSK



Date: 21 APR 2017 18:39:02

Highest Channel / 10MHz / 16QAM

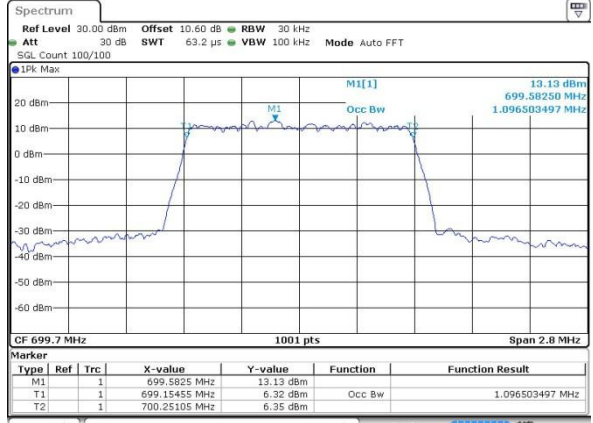


Date: 21 APR 2017 18:39:12



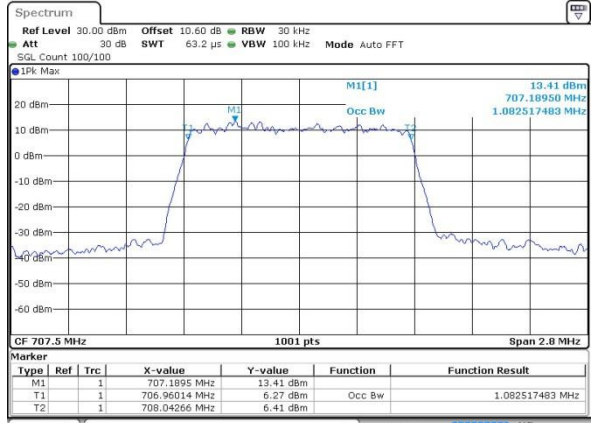
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



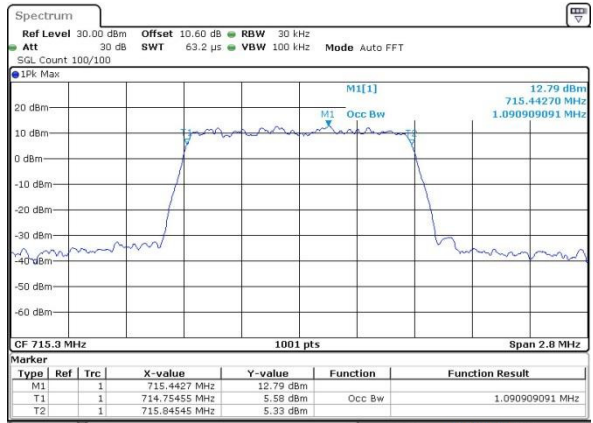
Date: 28 APR 2017 14:17:56

Middle Channel / 1.4MHz / 64QAM



Date: 28 APR 2017 14:21:29

Highest Channel / 1.4MHz / 64QAM

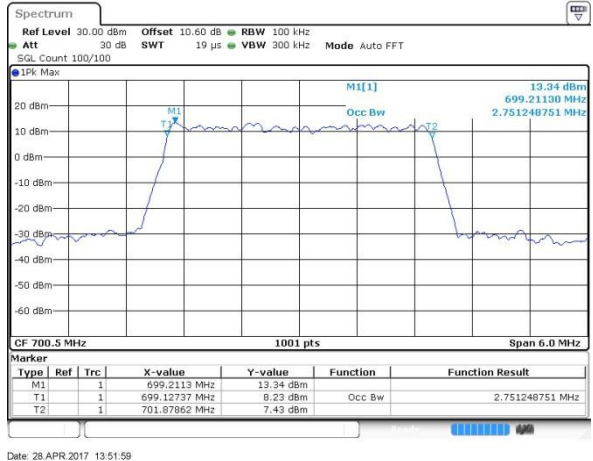


Date: 28 APR 2017 14:22:44



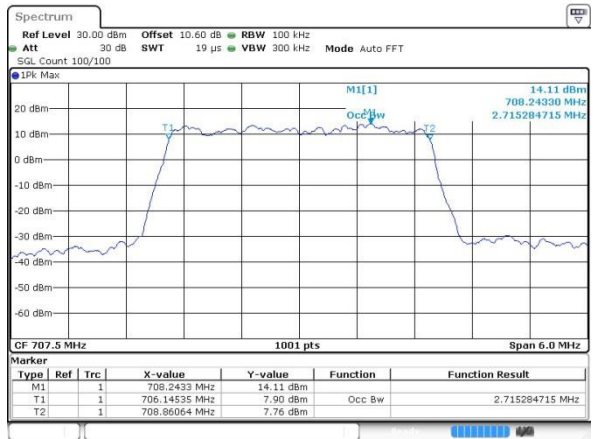
LTE Band 12

Lowest Channel / 3MHz / 64QAM



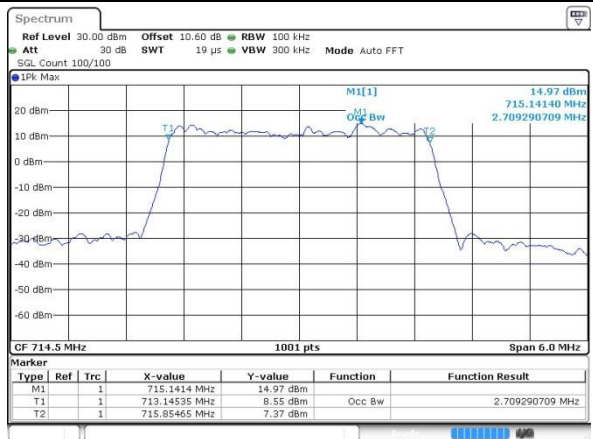
Date: 28 APR 2017 13:51:59

Middle Channel / 3MHz / 64QAM



Date: 28 APR 2017 13:55:40

Highest Channel / 3MHz / 64QAM

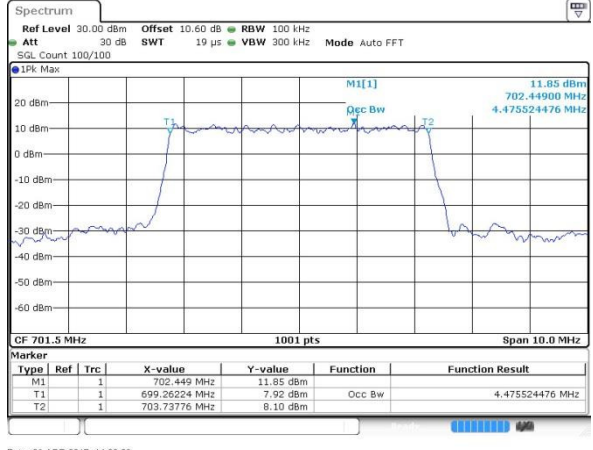


Date: 28 APR 2017 13:56:55



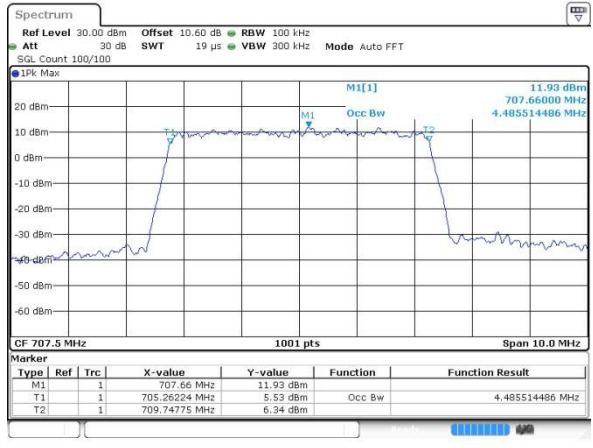
LTE Band 12

Lowest Channel / 5MHz / 64QAM



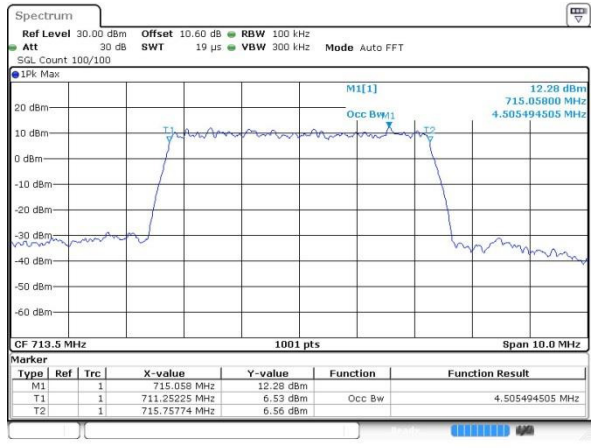
Date: 28 APR 2017 14:00:29

Middle Channel / 5MHz / 64QAM



Date: 28 APR 2017 14:04:02

Highest Channel / 5MHz / 64QAM

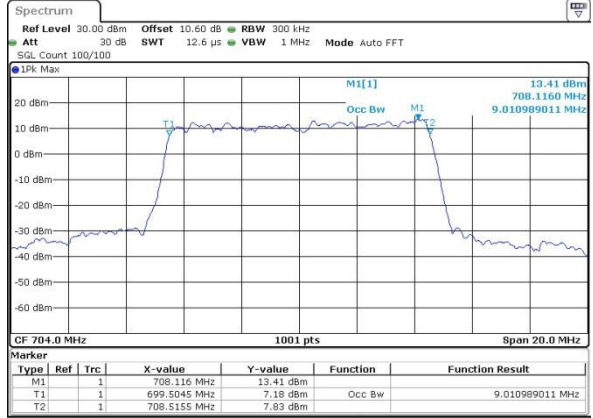


Date: 28 APR 2017 14:05:18



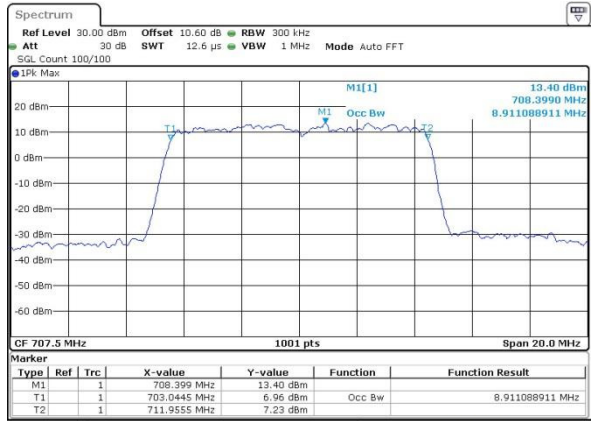
LTE Band 12

Lowest Channel / 10MHz / 64QAM



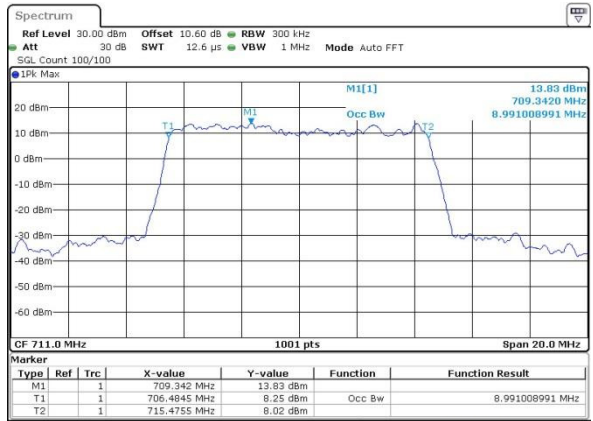
Date: 28 APR 2017 14:08:51

Middle Channel / 10MHz / 64QAM



Date: 28 APR 2017 14:12:25

Highest Channel / 10MHz / 64QAM



Date: 28 APR 2017 14:13:40

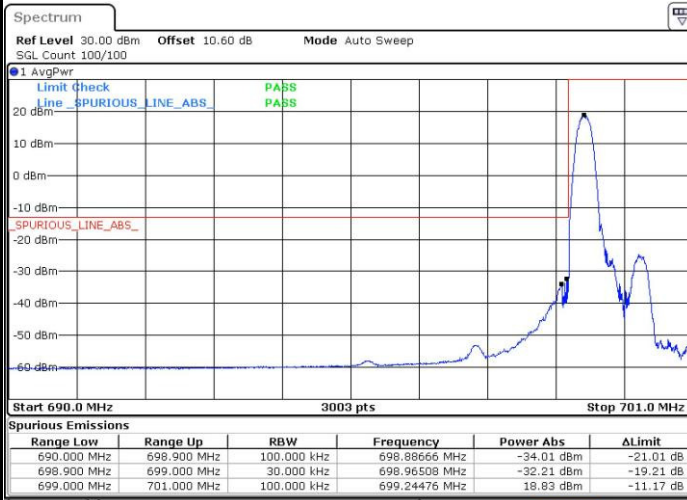


Conducted Band Edge



LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



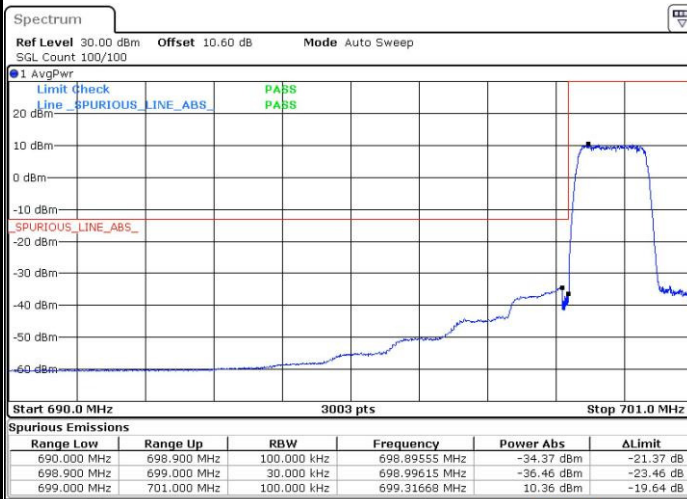
Date: 21 APR 2017 19:04:56

Highest Band Edge / 1RB



Date: 21 APR 2017 19:14:33

Lowest Band Edge / Full RB



Date: 21 APR 2017 19:01:28

Highest Band Edge / Full RB

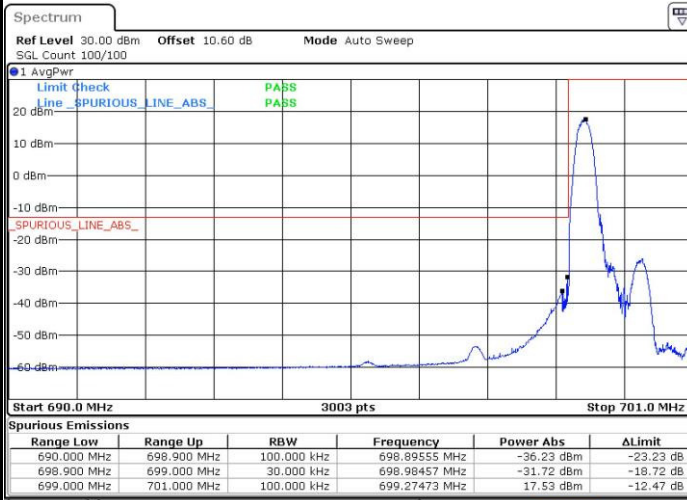


Date: 21 APR 2017 19:11:06



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



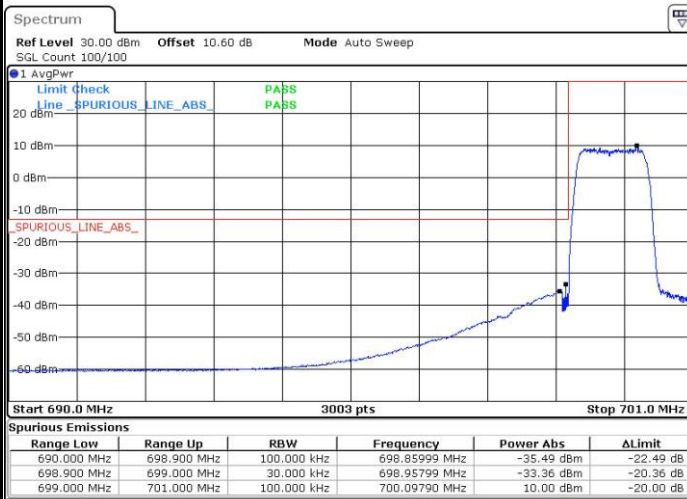
Date: 21 APR 2017 19:03:47

Highest Band Edge / 1 RB



Date: 21 APR 2017 19:13:24

Lowest Band Edge / Full RB



Date: 21 APR 2017 19:02:38

Highest Band Edge / Full RB



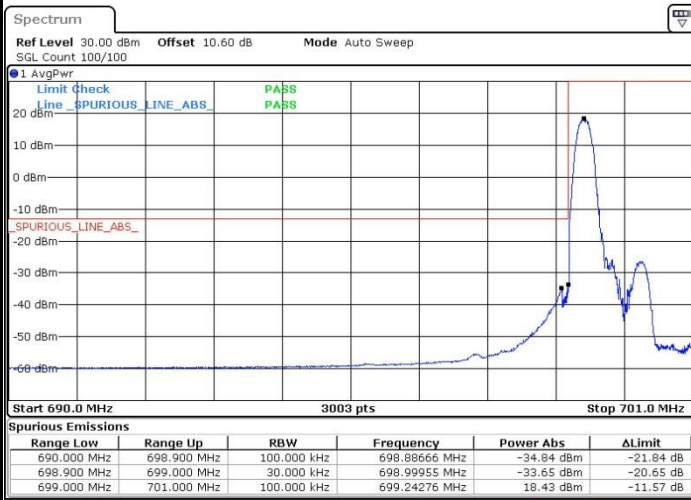
Date: 21 APR 2017 19:12:15



LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 28 APR 2017 14:38:58



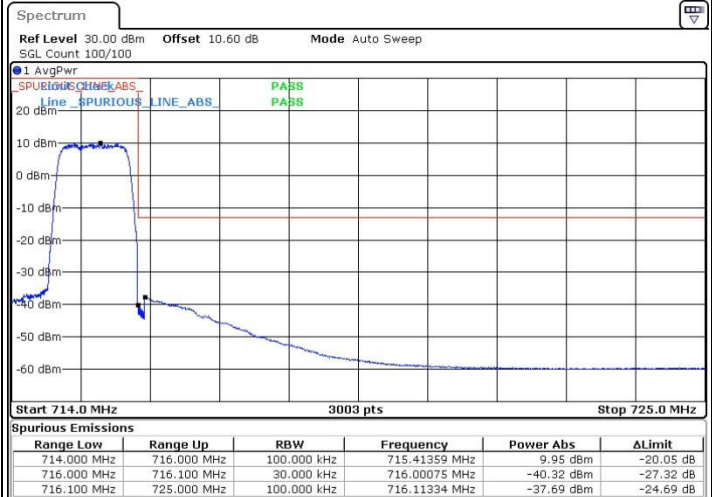
Date: 28 APR 2017 14:25:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 APR 2017 14:19:15

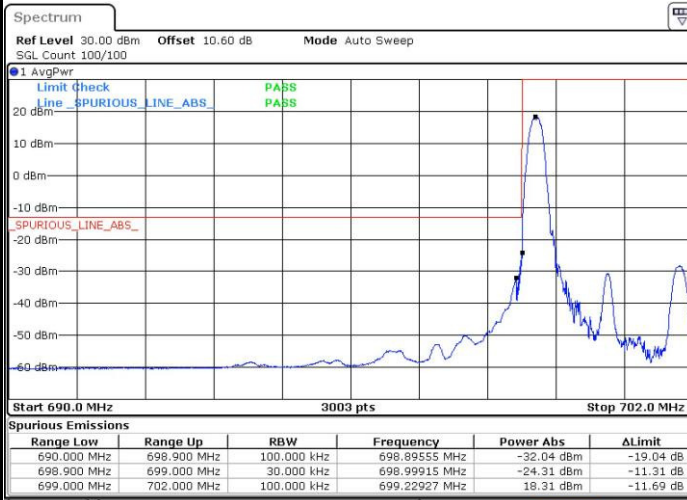


Date: 28 APR 2017 14:24:03



LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 21 APR 2017 18:01:11

Highest Band Edge / 1 RB



Date: 21 APR 2017 18:10:46

Lowest Band Edge / Full RB



Date: 21 APR 2017 17:57:43

Highest Band Edge / Full RB

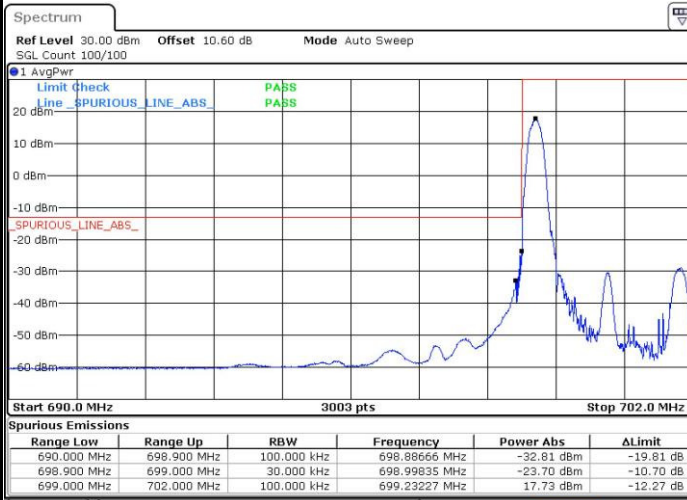


Date: 21 APR 2017 18:07:19



LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 21 APR 2017 18:00:02

Highest Band Edge / 1 RB



Date: 21 APR 2017 18:09:37

Lowest Band Edge / Full RB



Date: 21 APR 2017 17:58:52

Highest Band Edge / Full RB

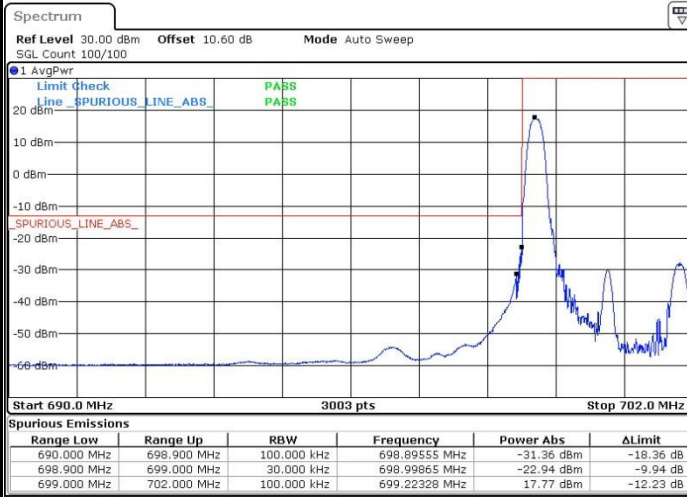


Date: 21 APR 2017 18:08:28



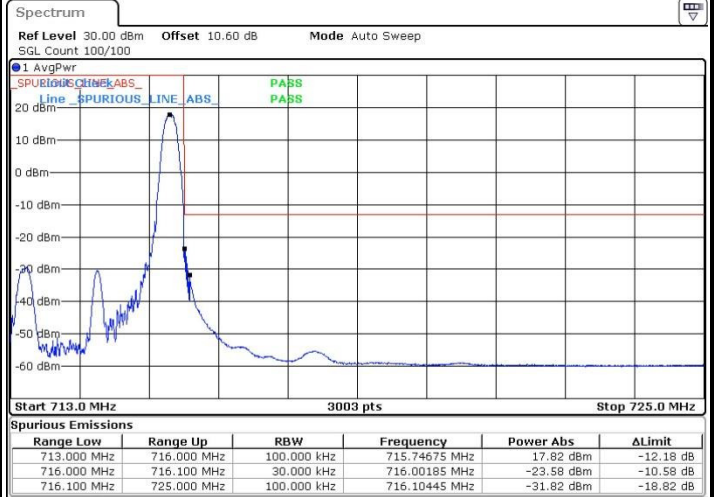
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 28 APR 2017 13:54:33

Highest Band Edge / 1 RB



Date: 28 APR 2017 13:59:24

Lowest Band Edge / Full RB



Date: 28 APR 2017 13:53:24

Highest Band Edge / Full RB

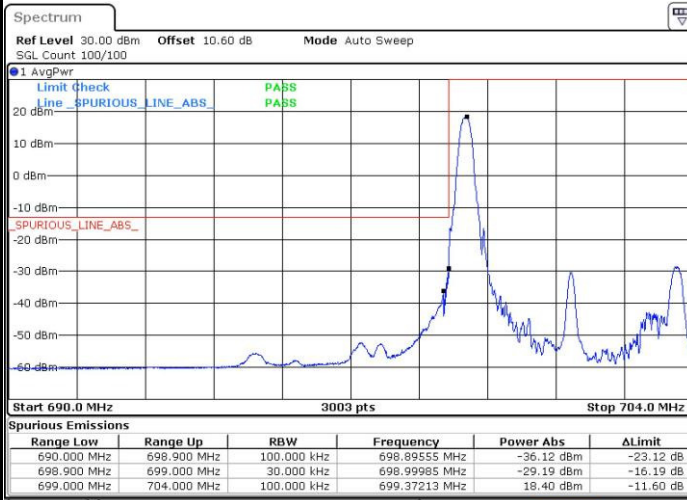


Date: 28 APR 2017 13:58:15



LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 21 APR 2017 18:17:52

Highest Band Edge / 1 RB



Date: 21 APR 2017 18:28:18

Lowest Band Edge / Full RB



Date: 21 APR 2017 18:14:25

Highest Band Edge / Full RB

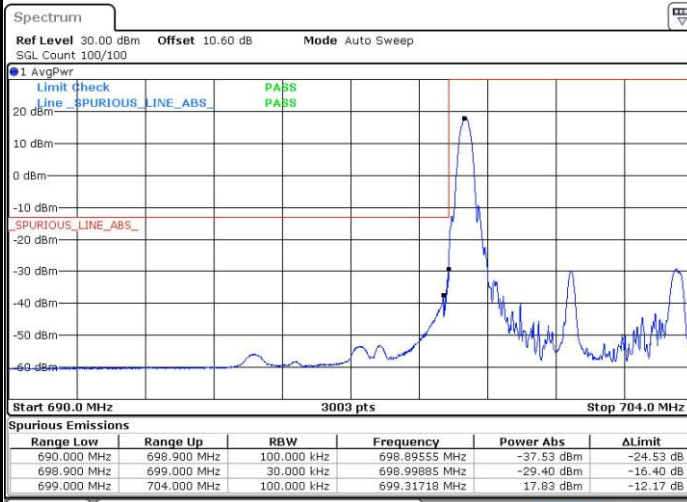


Date: 21 APR 2017 18:24:00



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



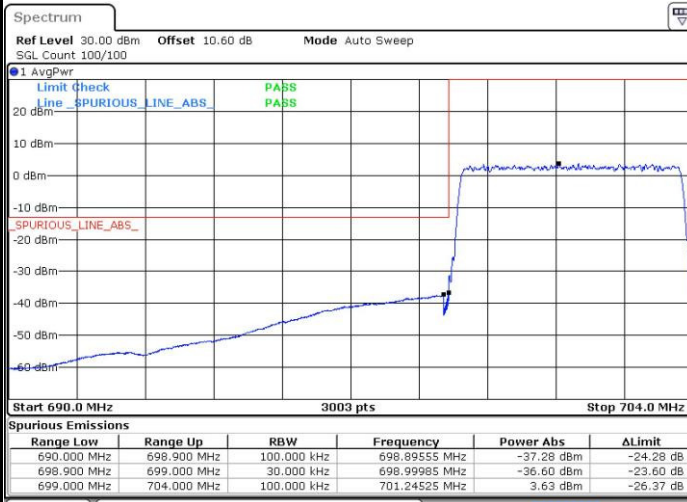
Date: 21 APR 2017 18:16:43

Highest Band Edge / 1 RB



Date: 21 APR 2017 18:27:27

Lowest Band Edge / Full RB



Date: 21 APR 2017 18:15:34

Highest Band Edge / Full RB

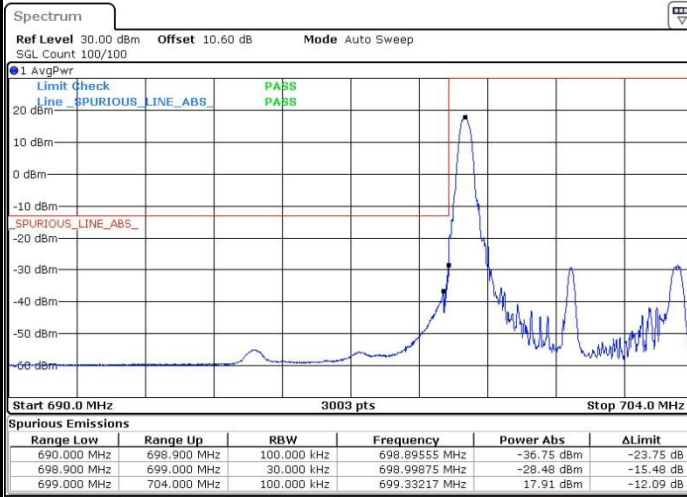


Date: 21 APR 2017 18:25:09



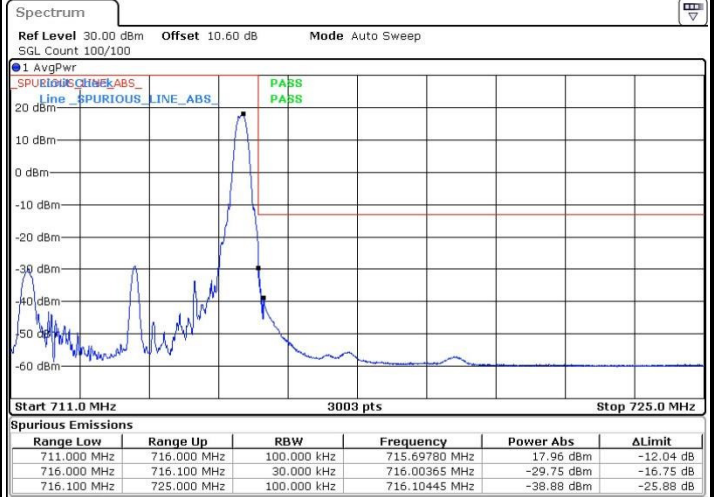
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



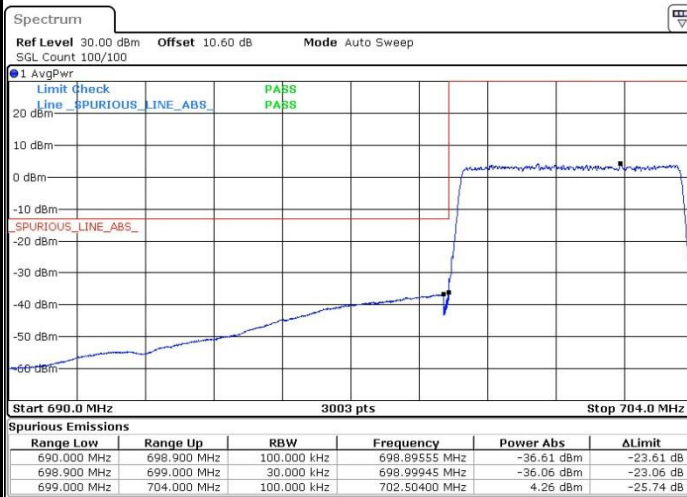
Date: 28 APR 2017 14:02:57

Highest Band Edge / 1 RB



Date: 28 APR 2017 14:07:46

Lowest Band Edge / Full RB



Date: 28 APR 2017 14:01:48

Highest Band Edge / Full RB

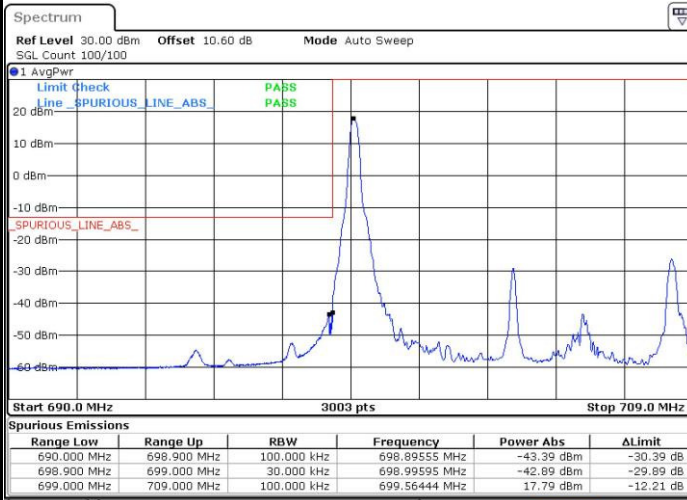


Date: 28 APR 2017 14:06:37



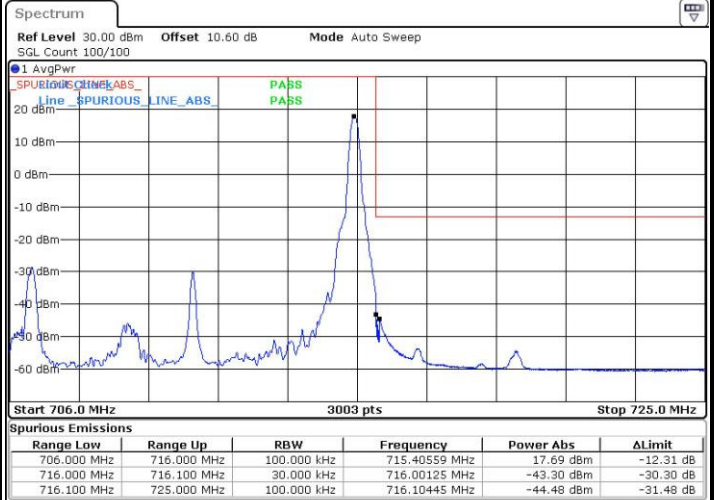
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



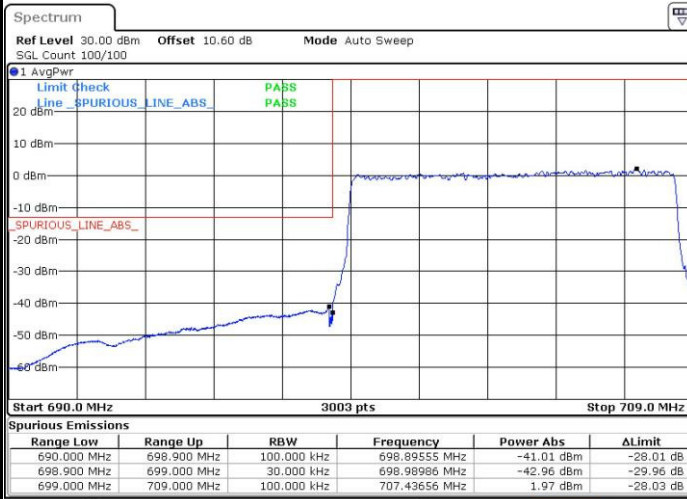
Date: 21 APR 2017 18:34:33

Highest Band Edge / 1 RB



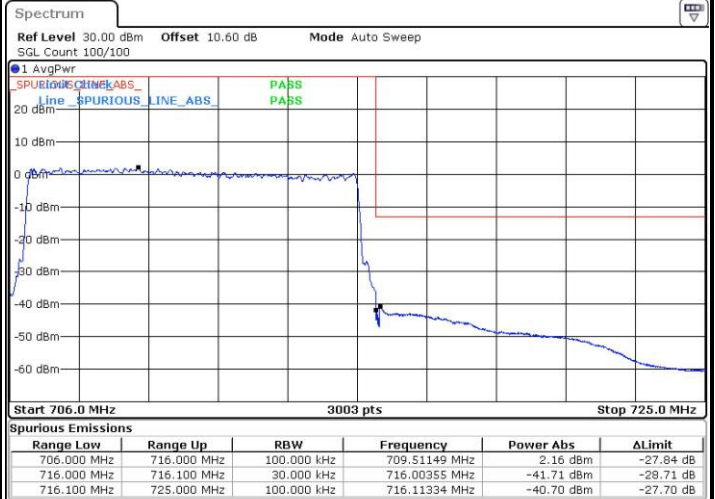
Date: 21 APR 2017 18:44:08

Lowest Band Edge / Full RB



Date: 21 APR 2017 18:31:06

Highest Band Edge / Full RB

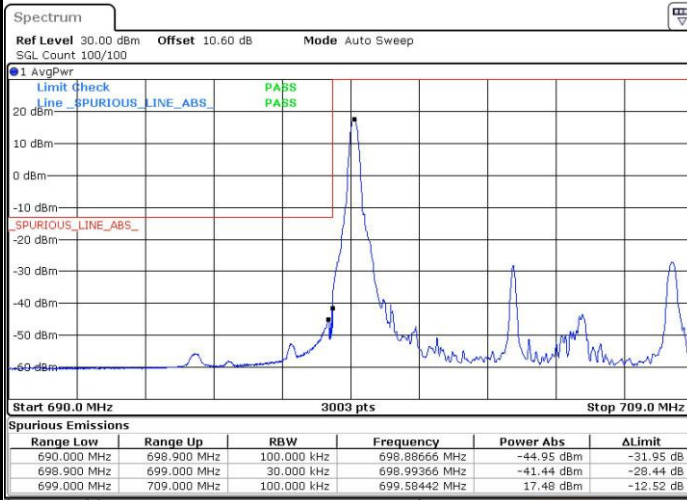


Date: 21 APR 2017 18:40:41



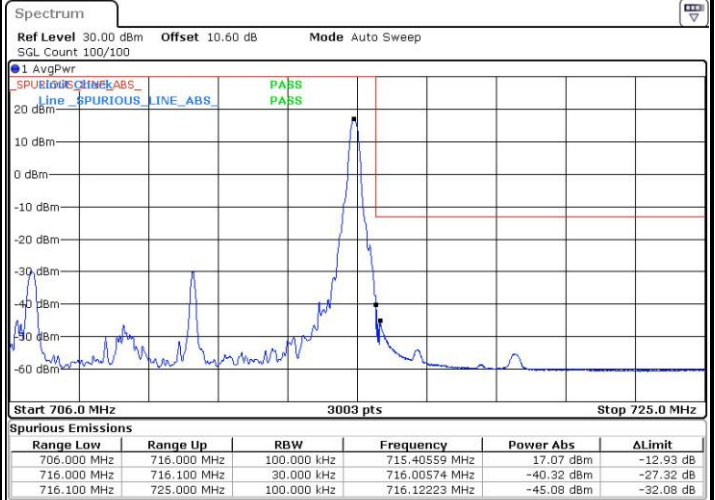
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



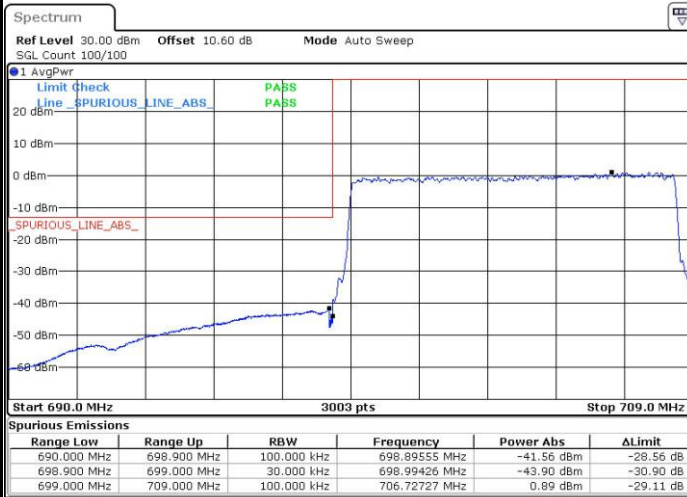
Date: 21 APR 2017 18:33:24

Highest Band Edge / 1 RB



Date: 21 APR 2017 18:42:59

Lowest Band Edge / Full RB



Date: 21 APR 2017 18:32:15

Highest Band Edge / Full RB



Date: 21 APR 2017 18:41:50