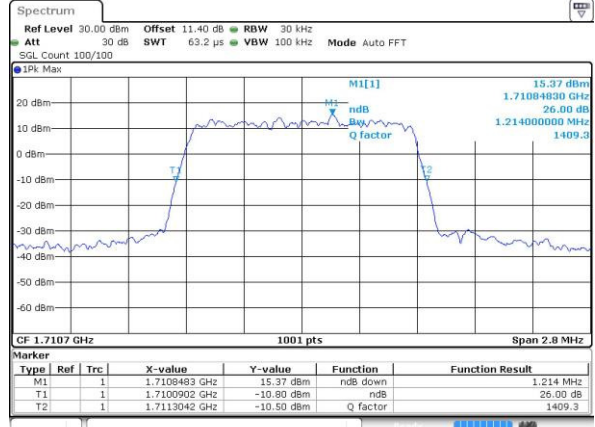


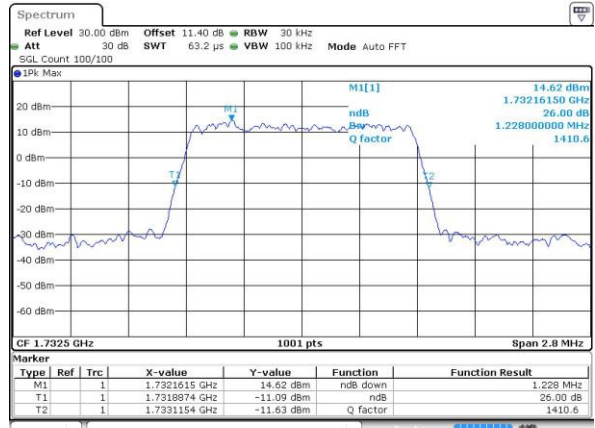


LTE Band 4

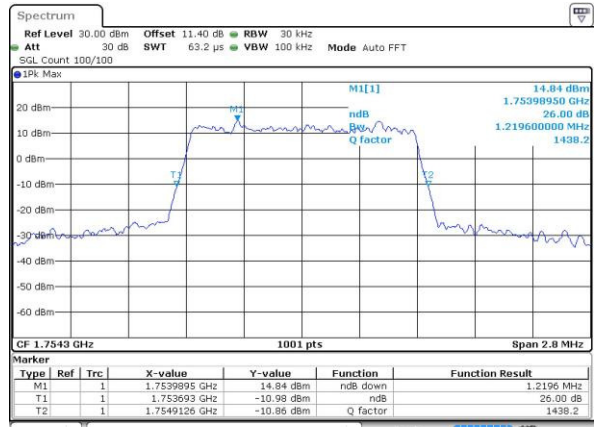
Lowest Channel / 1.4MHz / 64QAM



Middle Channel / 1.4MHz / 64QAM



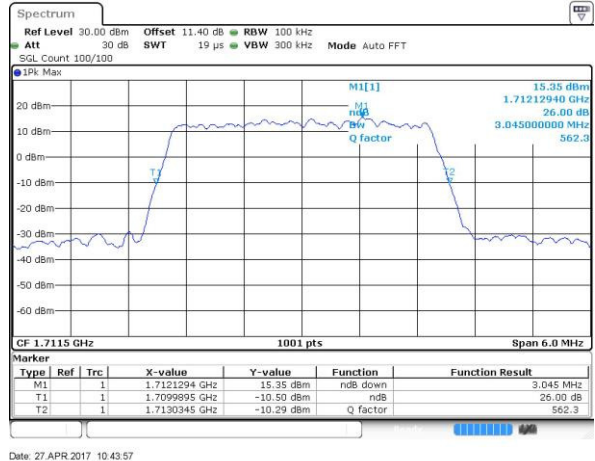
Highest Channel / 1.4MHz / 64QAM





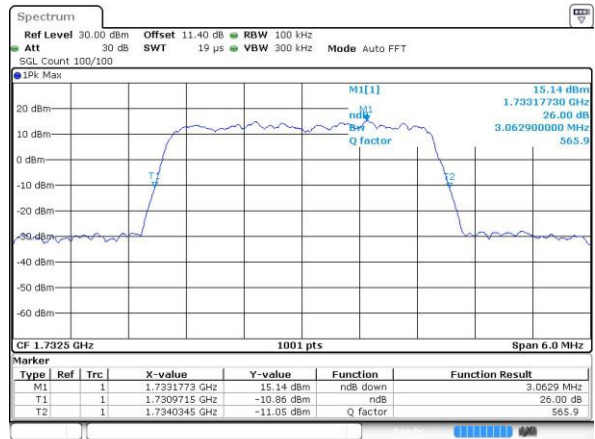
LTE Band 4

Lowest Channel / 3MHz / 64QAM



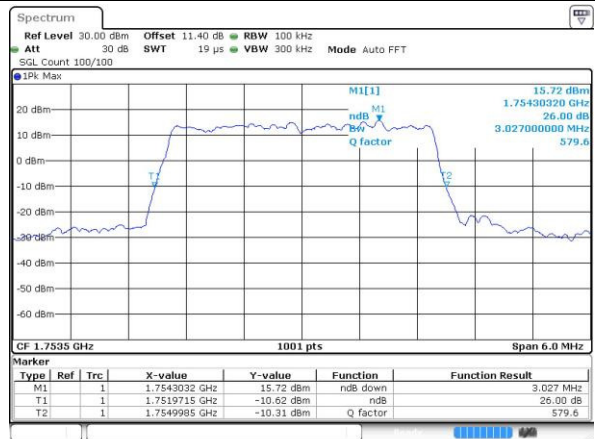
Date: 27 APR 2017 10:43:57

Middle Channel / 3MHz / 64QAM



Date: 27 APR 2017 10:47:31

Highest Channel / 3MHz / 64QAM

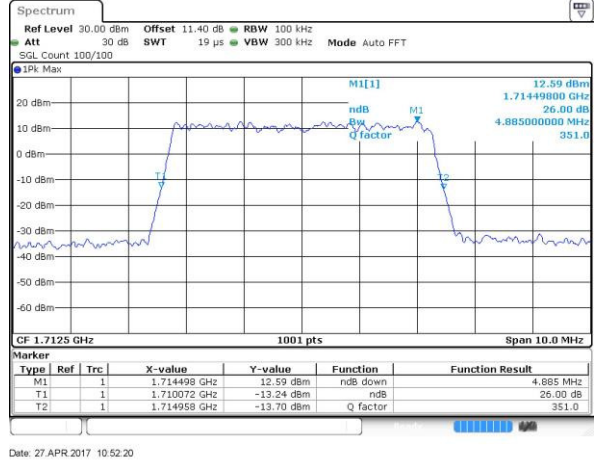


Date: 27 APR 2017 10:48:46

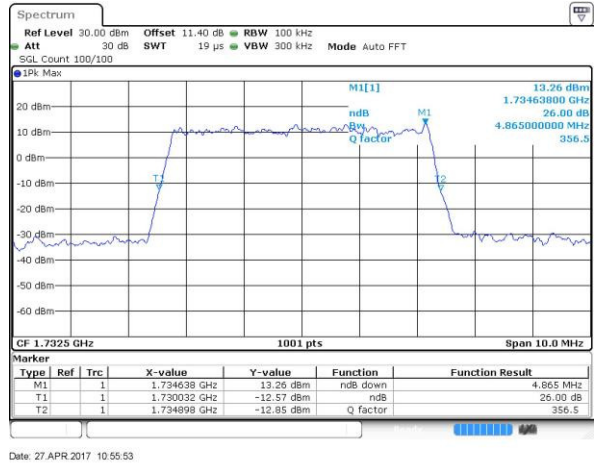


LTE Band 4

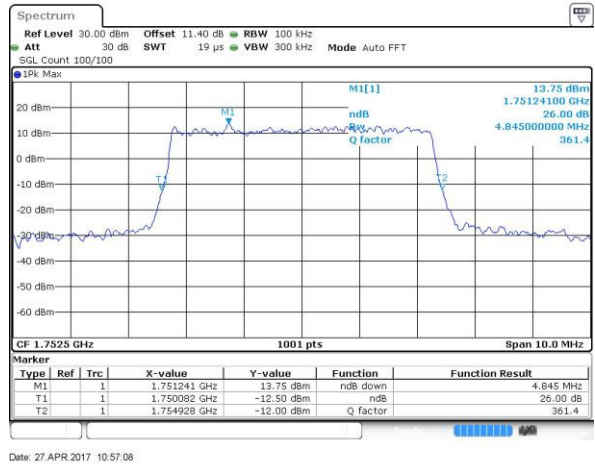
Lowest Channel / 5MHz / 64QAM



Middle Channel / 5MHz / 64QAM



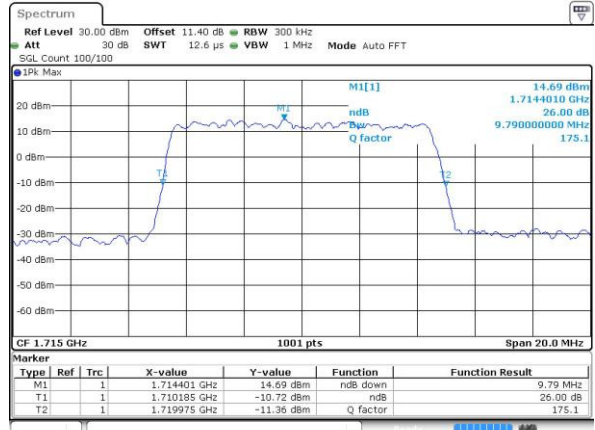
Highest Channel / 5MHz / 64QAM





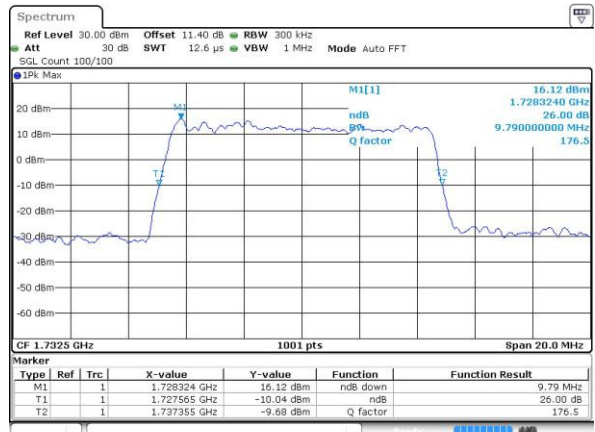
LTE Band 4

Lowest Channel / 10MHz / 64QAM



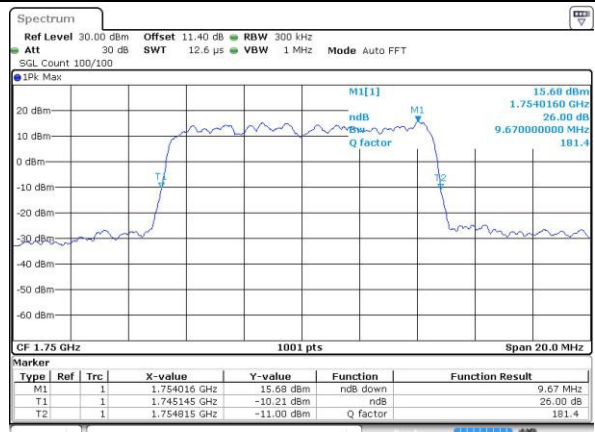
Date: 27 APR 2017 11:00:41

Middle Channel / 10MHz / 64QAM



Date: 27 APR 2017 11:04:14

Highest Channel / 10MHz / 64QAM

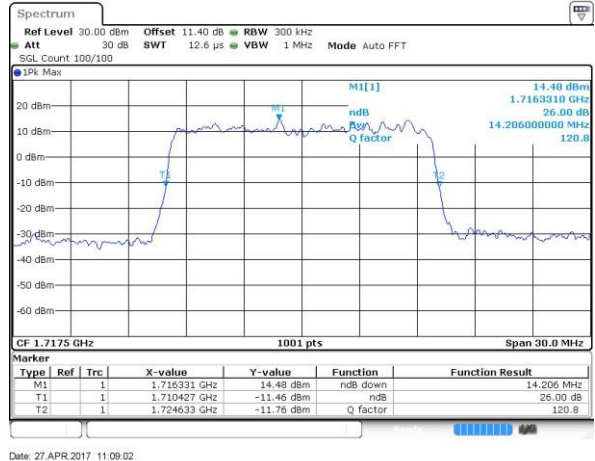


Date: 27 APR 2017 11:05:29



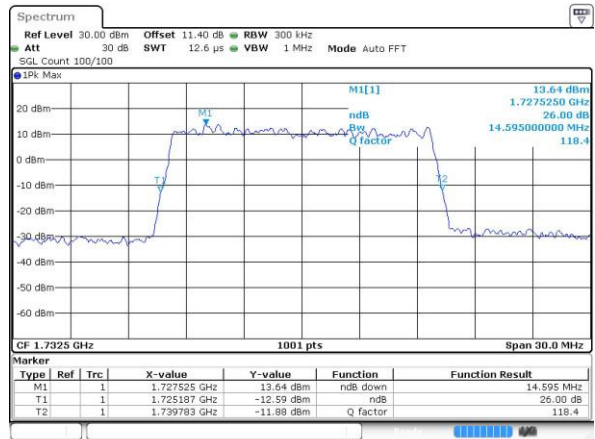
LTE Band 4

Lowest Channel / 15MHz / 64QAM



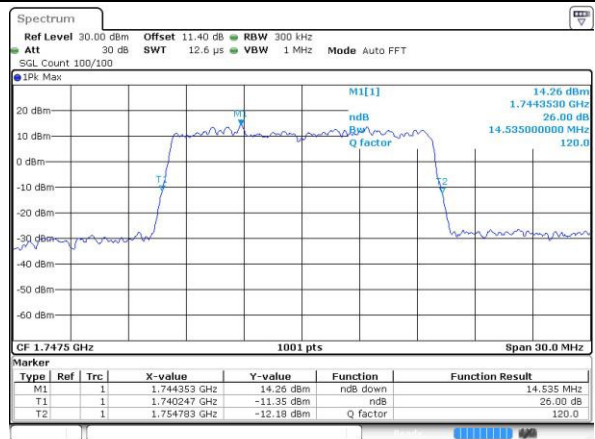
Date: 27 APR 2017 11:09:02

Middle Channel / 15MHz / 64QAM



Date: 27 APR 2017 11:12:35

Highest Channel / 15MHz / 64QAM

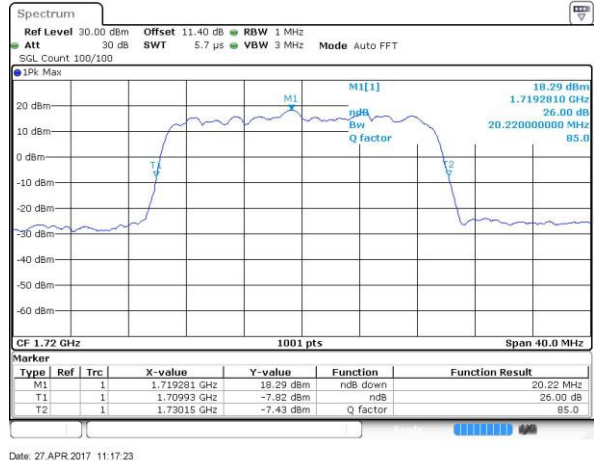


Date: 27 APR 2017 11:13:50

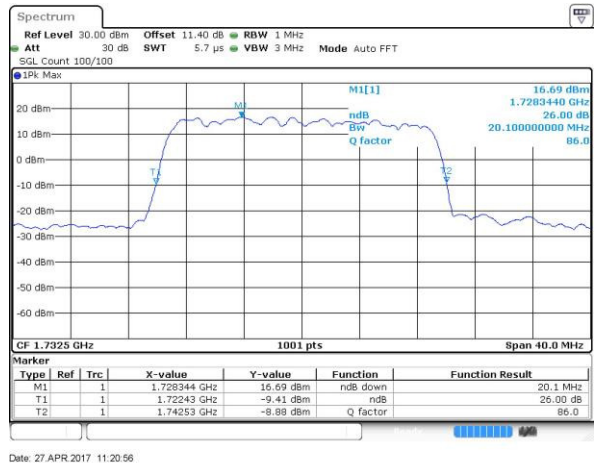


LTE Band 4

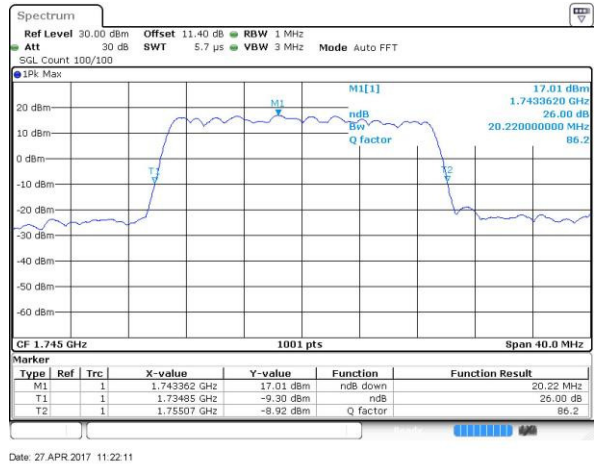
Lowest Channel / 20MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 20MHz / 64QAM





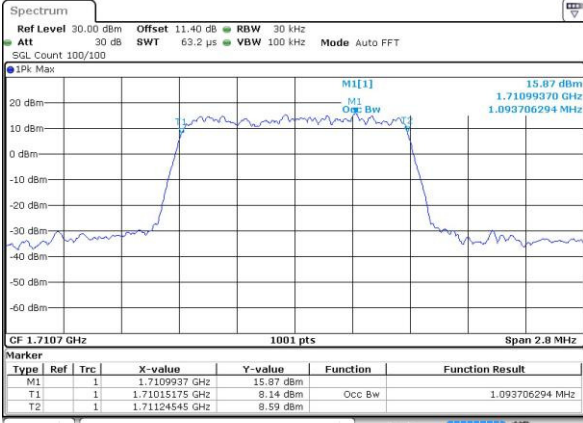
### Occupied Bandwidth

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	1.09	2.72	2.71	4.48	4.49	9.07	9.07	13.37	13.4	18.26	18.38
Middle CH	1.09	1.1	2.71	2.71	4.49	4.47	9.03	9.01	13.46	13.4	18.3	18.22
Highest CH	1.1	1.1	2.72	2.7	4.48	4.49	9.05	9.05	13.52	13.43	18.34	18.34
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.09	-	2.71	-	4.49	-	8.95	-	13.49	-	18.42
Middle CH	-	1.09	-	2.72	-	4.48	-	8.97	-	13.46	-	18.22
Highest CH	-	1.09	-	2.72	-	4.49	-	9.07	-	13.55	-	18.3



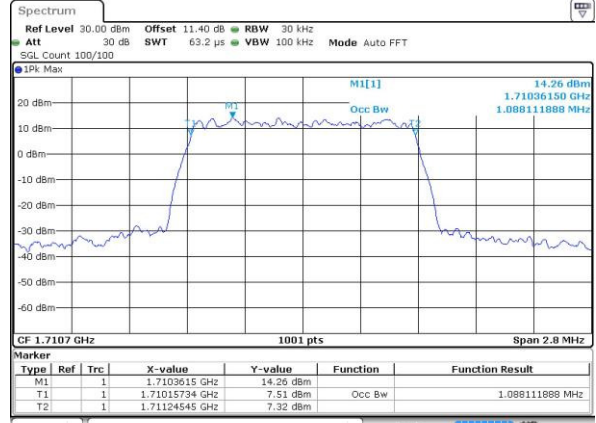
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



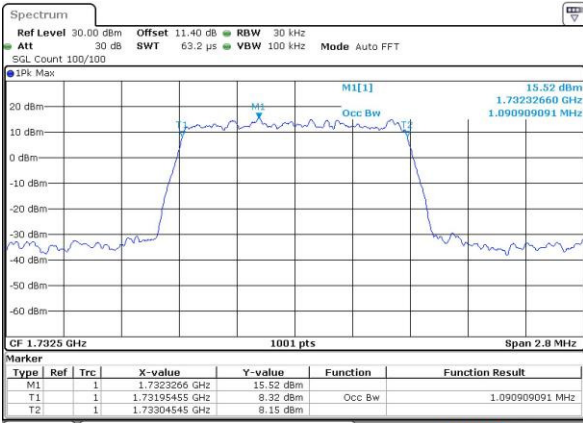
Date: 5 APR 2017 13:33:57

Lowest Channel / 1.4MHz / 16QAM



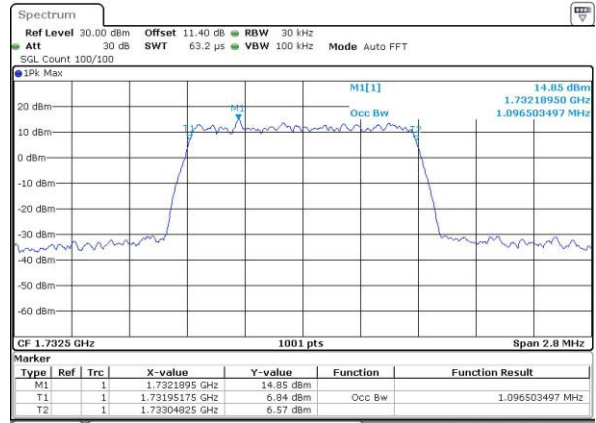
Date: 5 APR 2017 13:34:07

Middle Channel / 1.4MHz / QPSK



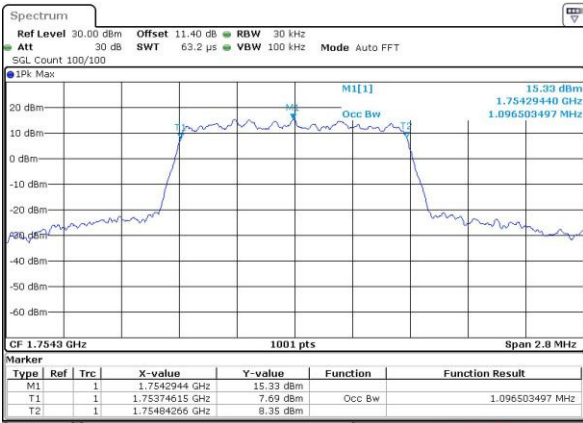
Date: 5 APR 2017 13:41:04

Middle Channel / 1.4MHz / 16QAM



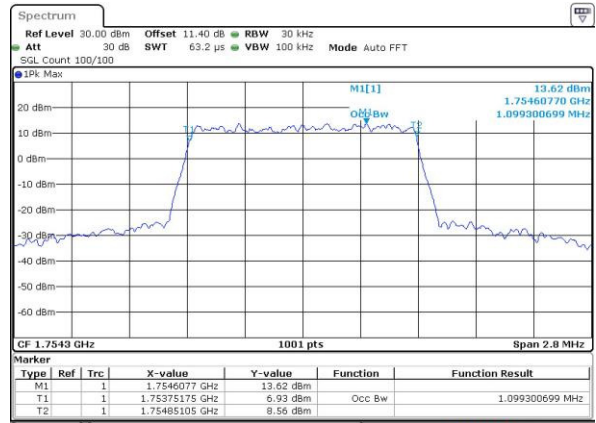
Date: 5 APR 2017 13:41:14

Highest Channel / 1.4MHz / QPSK



Date: 5 APR 2017 13:43:35

Highest Channel / 1.4MHz / 16QAM

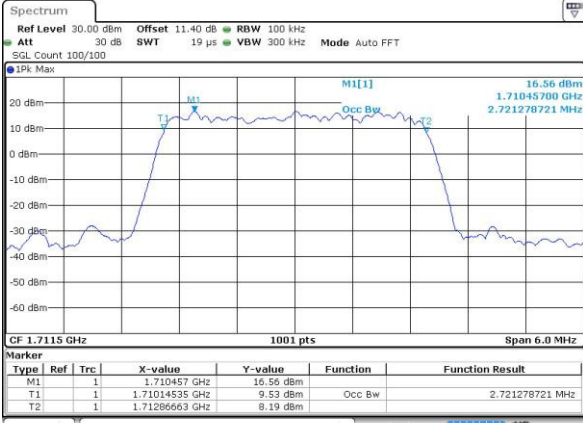


Date: 5 APR 2017 13:43:45



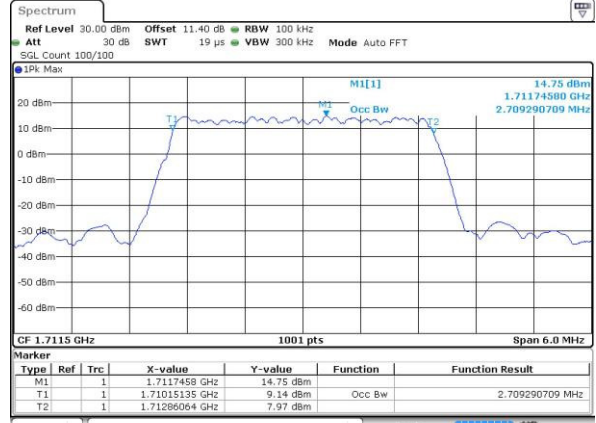
LTE Band 4

Lowest Channel / 3MHz / QPSK



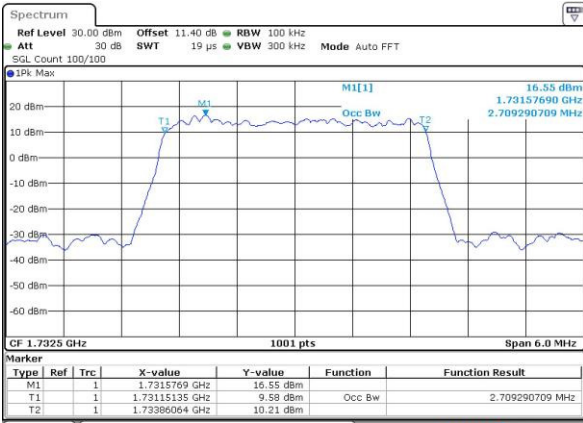
Date: 5 APR 2017 10:51:42

Lowest Channel / 3MHz / 16QAM



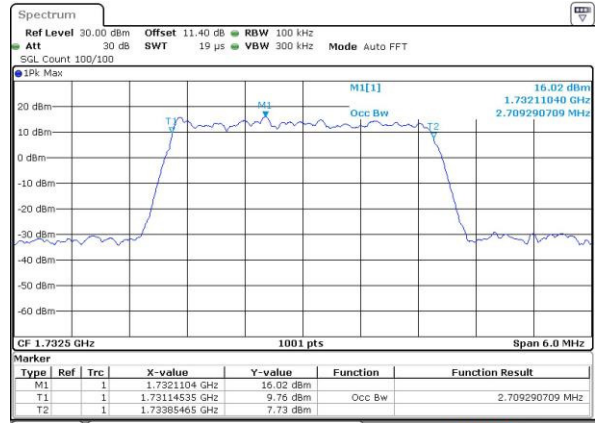
Date: 5 APR 2017 10:51:52

Middle Channel / 3MHz / QPSK



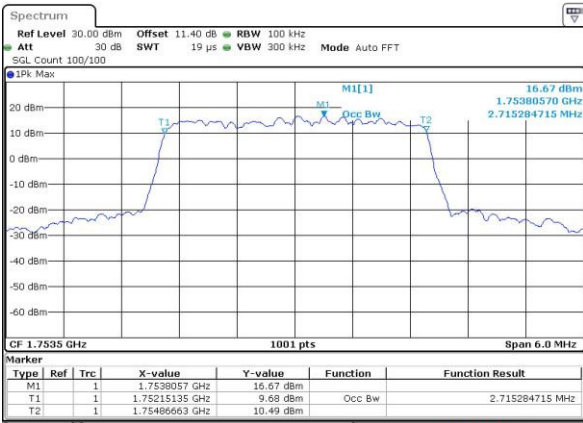
Date: 5 APR 2017 10:58:49

Middle Channel / 3MHz / 16QAM



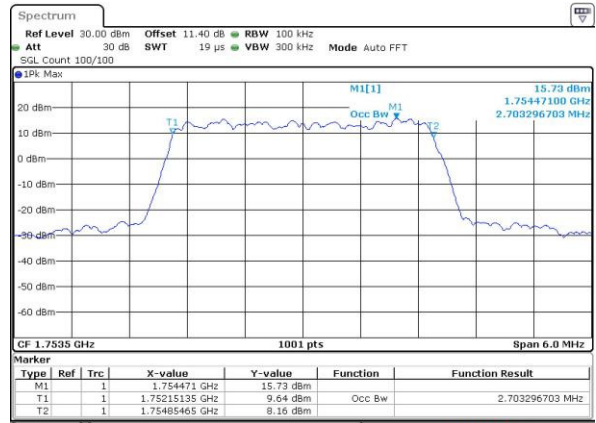
Date: 5 APR 2017 10:59:00

Highest Channel / 3MHz / QPSK



Date: 5 APR 2017 11:01:20

Highest Channel / 3MHz / 16QAM

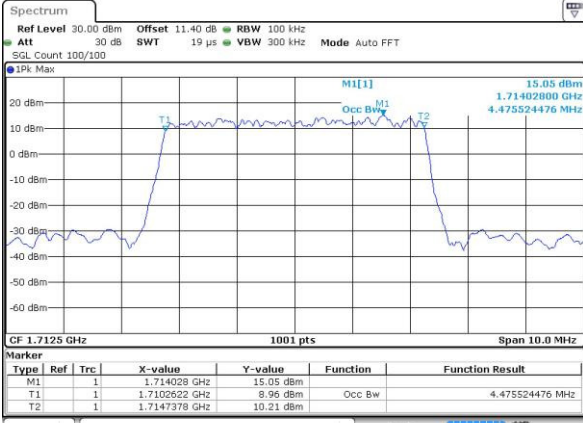


Date: 5 APR 2017 11:01:30



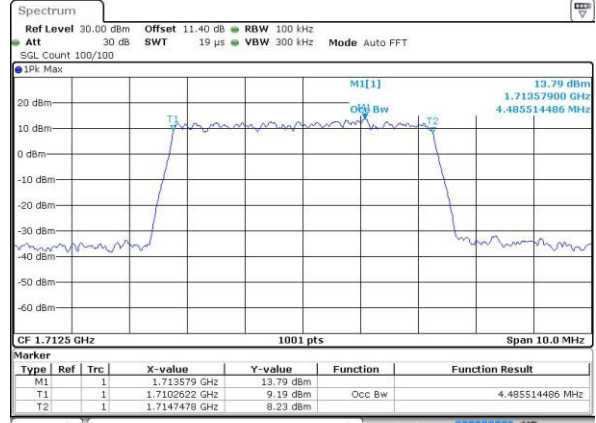
LTE Band 4

Lowest Channel / 5MHz / QPSK



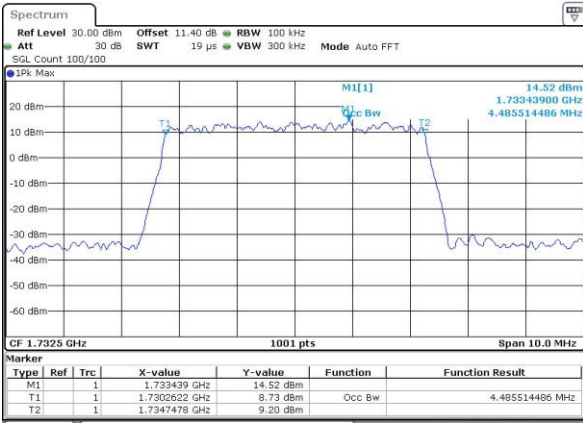
Date: 5 APR 2017 11:08:27

Lowest Channel / 5MHz / 16QAM



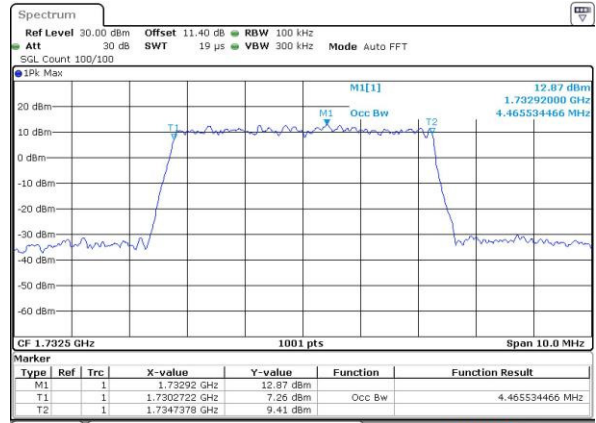
Date: 5 APR 2017 11:08:38

Middle Channel / 5MHz / QPSK



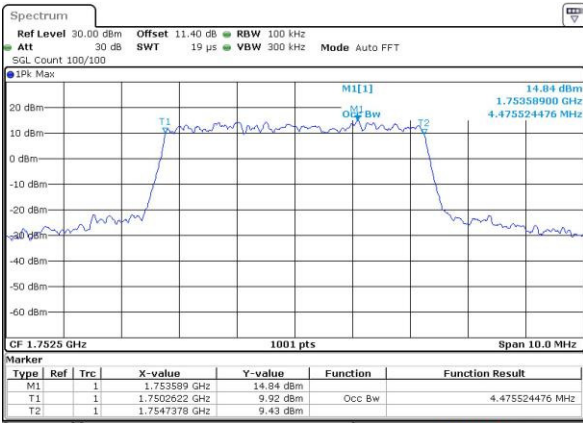
Date: 5 APR 2017 11:15:34

Middle Channel / 5MHz / 16QAM



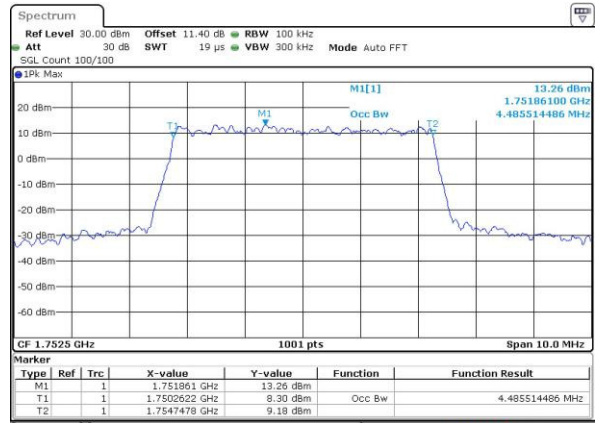
Date: 5 APR 2017 11:15:45

Highest Channel / 5MHz / QPSK



Date: 5 APR 2017 11:18:05

Highest Channel / 5MHz / 16QAM

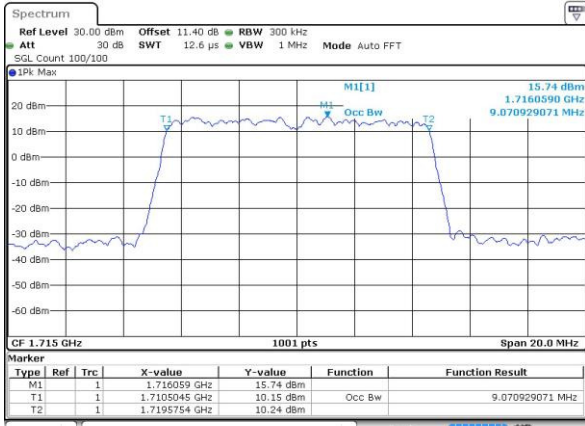


Date: 5 APR 2017 11:18:15



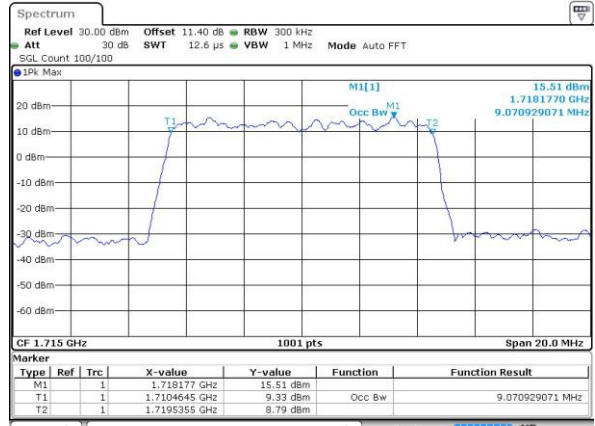
LTE Band 4

Lowest Channel / 10MHz / QPSK



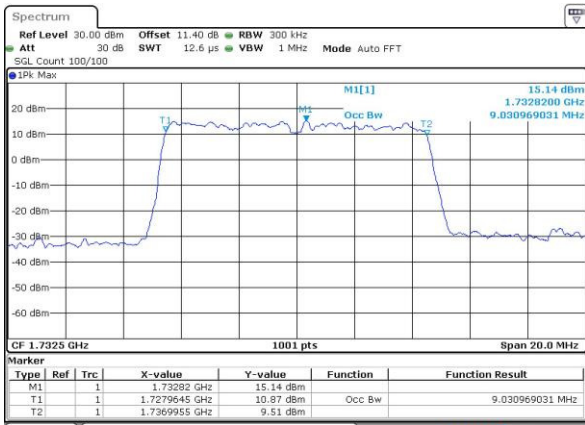
Date: 5 APR 2017 11:25:12

Lowest Channel / 10MHz / 16QAM



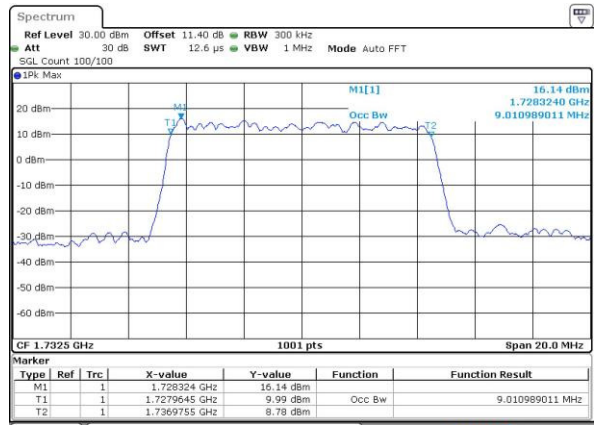
Date: 5 APR 2017 11:25:22

Middle Channel / 10MHz / QPSK



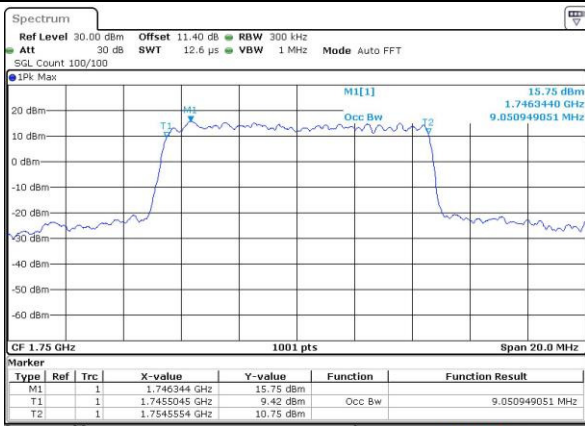
Date: 5 APR 2017 11:32:18

Middle Channel / 10MHz / 16QAM



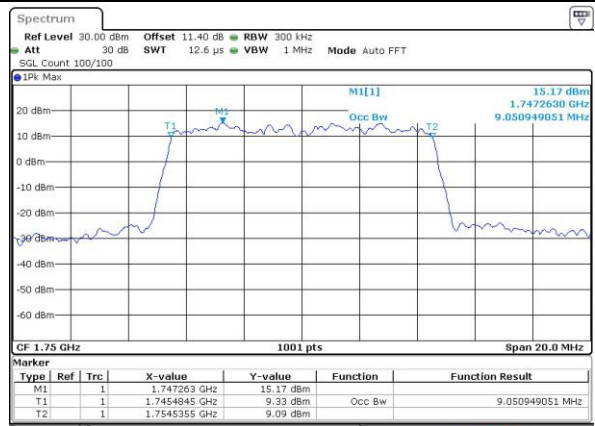
Date: 5 APR 2017 11:32:28

Highest Channel / 10MHz / QPSK



Date: 5 APR 2017 11:34:49

Highest Channel / 10MHz / 16QAM

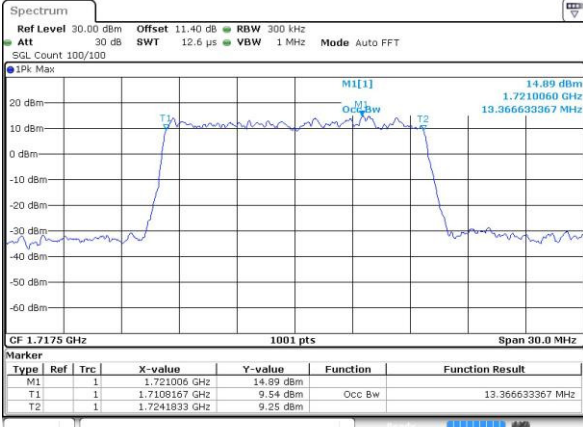


Date: 5 APR 2017 11:34:59



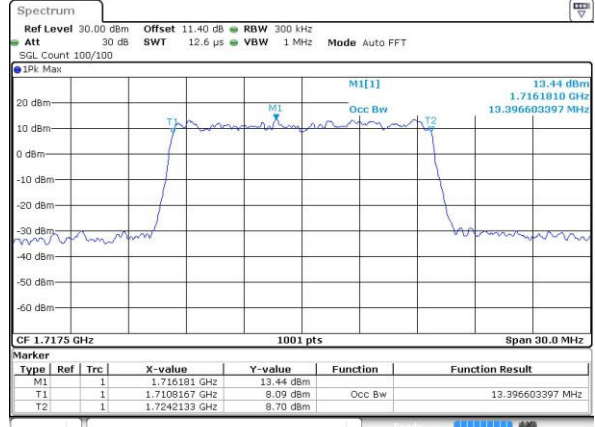
LTE Band 4

Lowest Channel / 15MHz / QPSK



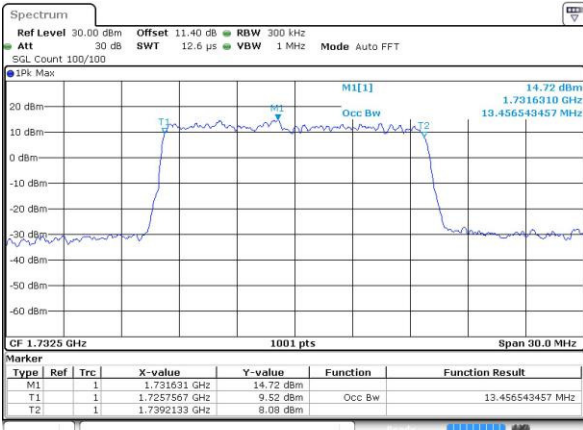
Date: 5 APR 2017 11:41:56

Lowest Channel / 15MHz / 16QAM



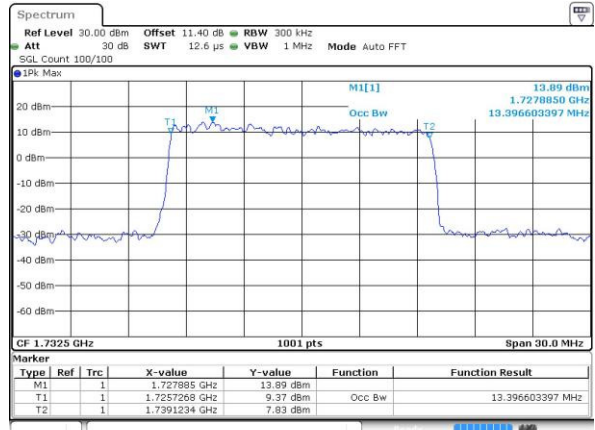
Date: 5 APR 2017 11:42:06

Middle Channel / 15MHz / QPSK



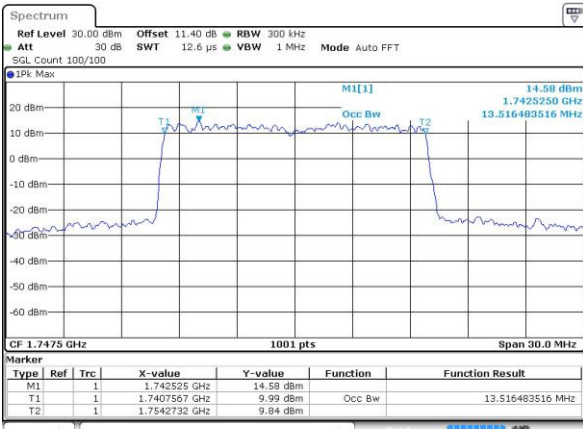
Date: 5 APR 2017 11:49:03

Middle Channel / 15MHz / 16QAM



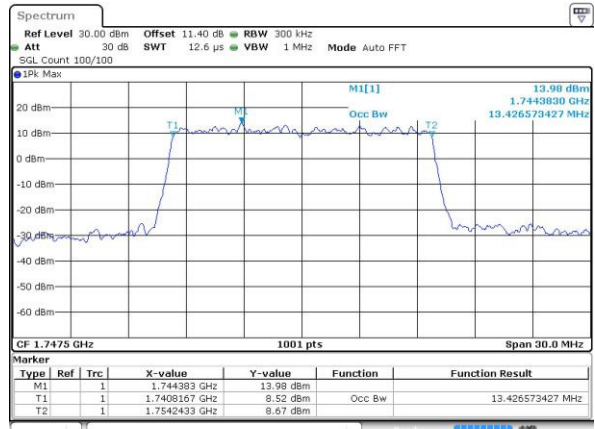
Date: 5 APR 2017 11:49:13

Highest Channel / 15MHz / QPSK



Date: 5 APR 2017 11:51:33

Highest Channel / 15MHz / 16QAM

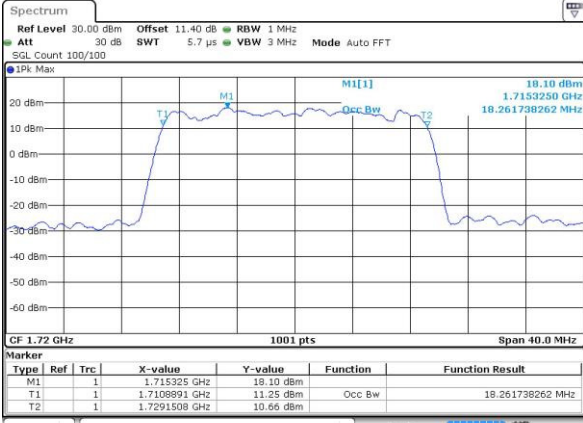


Date: 5 APR 2017 11:51:43



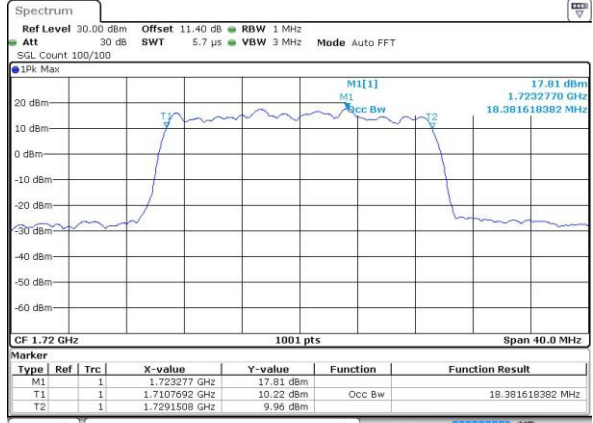
LTE Band 4

Lowest Channel / 20MHz / QPSK



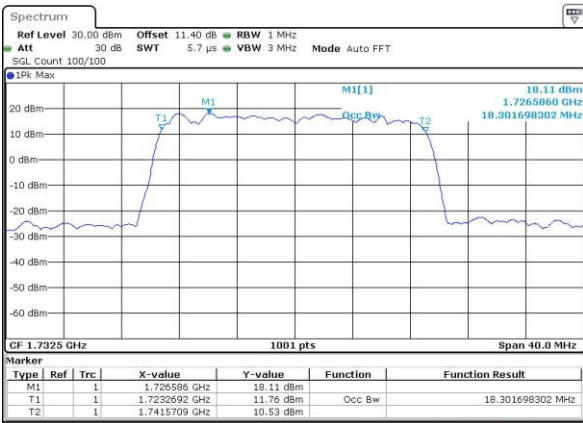
Date: 5 APR 2017 11:58:40

Lowest Channel / 20MHz / 16QAM



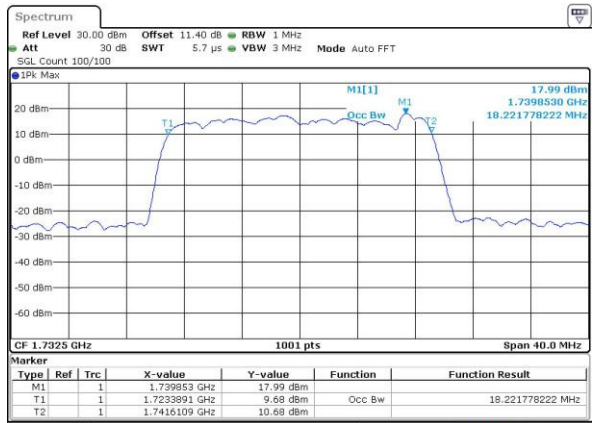
Date: 5 APR 2017 11:58:50

Middle Channel / 20MHz / QPSK



Date: 5 APR 2017 12:05:47

Middle Channel / 20MHz / 16QAM



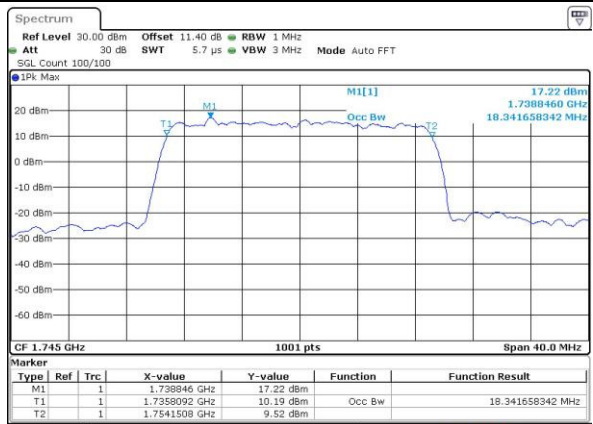
Date: 5 APR 2017 12:05:57

Highest Channel / 20MHz / QPSK



Date: 5 APR 2017 12:08:17

Highest Channel / 20MHz / 16QAM

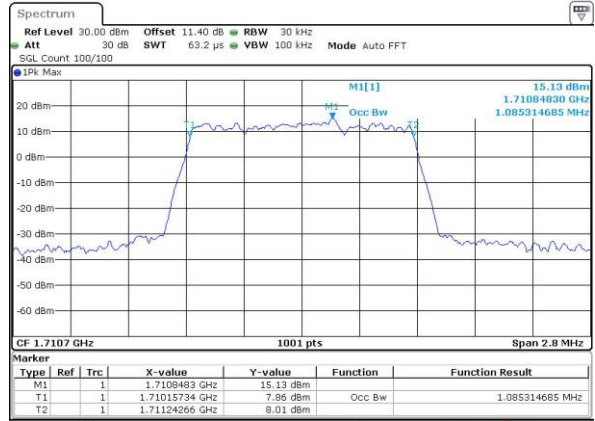


Date: 5 APR 2017 12:08:28



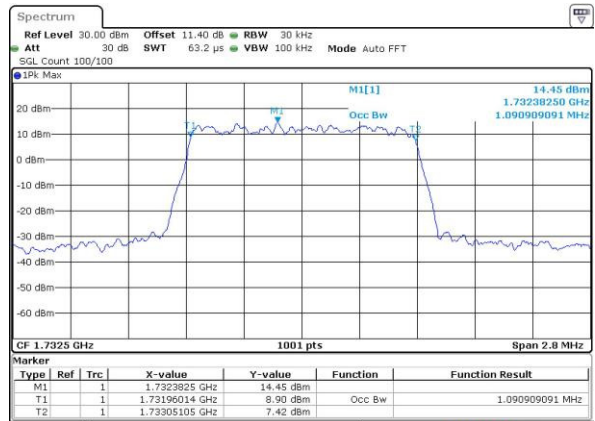
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



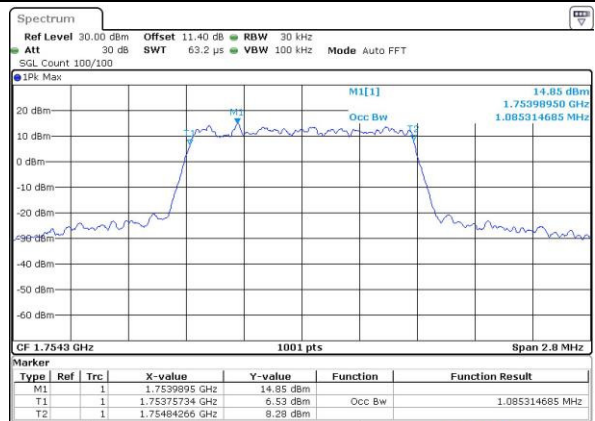
Date: 27 APR 2017 12:09:52

Middle Channel / 1.4MHz / 64QAM



Date: 27 APR 2017 12:13:26

Highest Channel / 1.4MHz / 64QAM

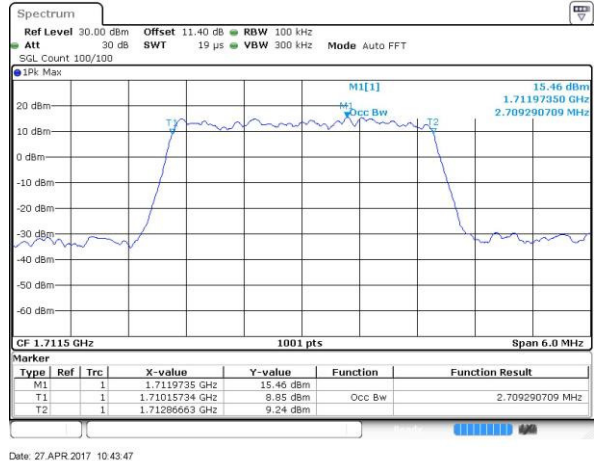


Date: 27 APR 2017 12:14:41

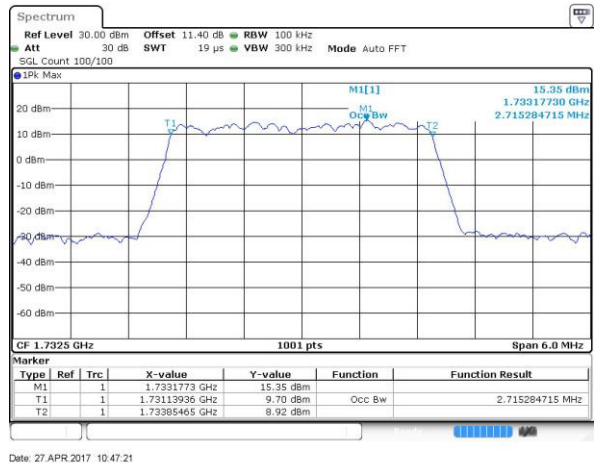


LTE Band 4

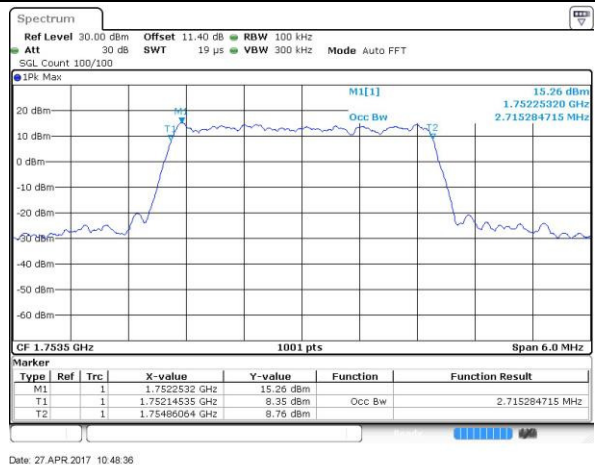
Lowest Channel / 3MHz / 64QAM



Middle Channel / 3MHz / 64QAM



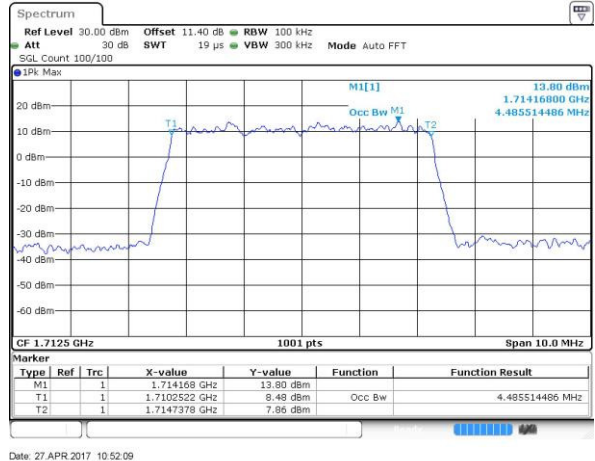
Highest Channel / 3MHz / 64QAM



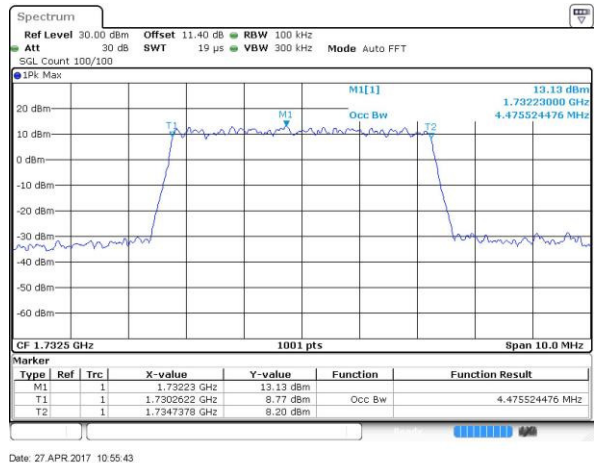


LTE Band 4

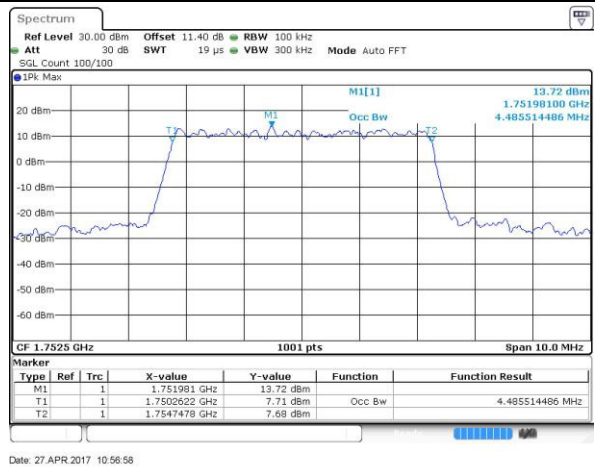
Lowest Channel / 5MHz / 64QAM



Middle Channel / 5MHz / 64QAM



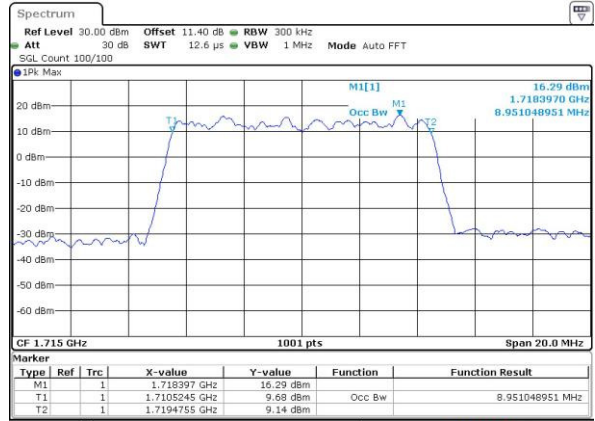
Highest Channel / 5MHz / 64QAM





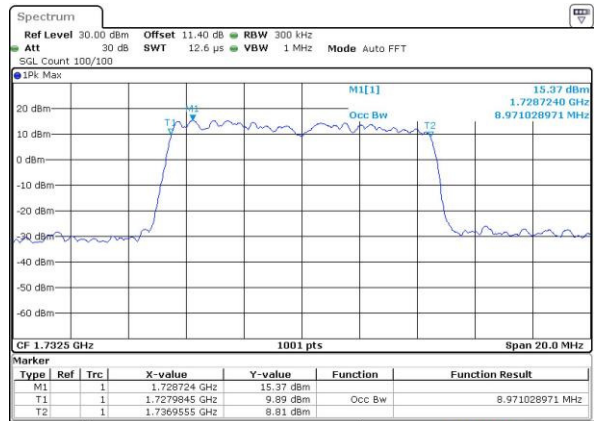
LTE Band 4

Lowest Channel / 10MHz / 64QAM



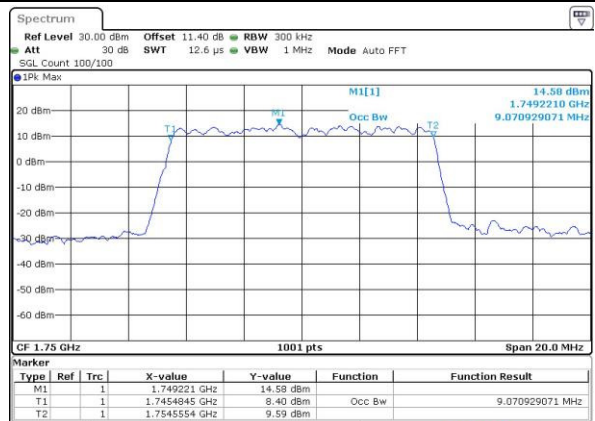
Date: 27 APR 2017 11:00:31

Middle Channel / 10MHz / 64QAM



Date: 27 APR 2017 11:04:04

Highest Channel / 10MHz / 64QAM

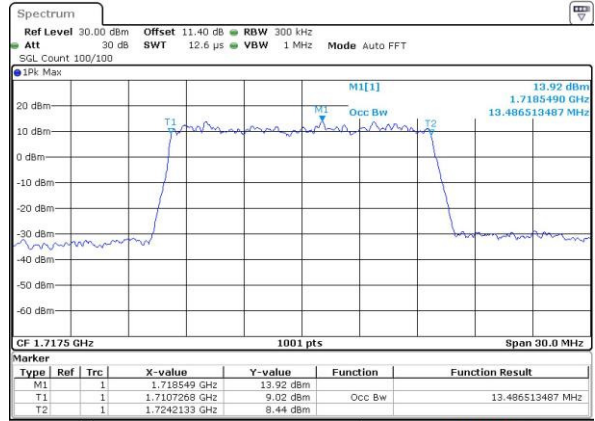


Date: 27 APR 2017 11:05:18



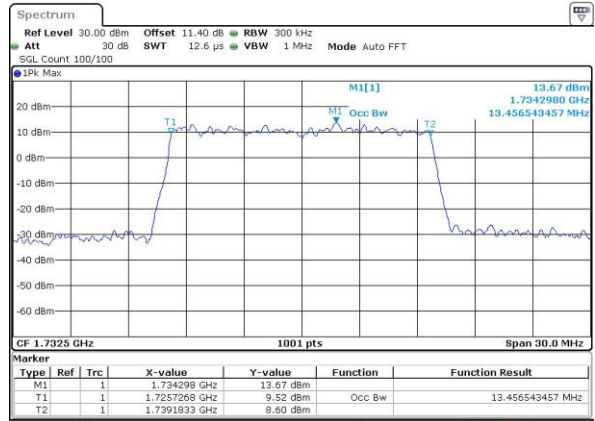
LTE Band 4

Lowest Channel / 15MHz / 64QAM



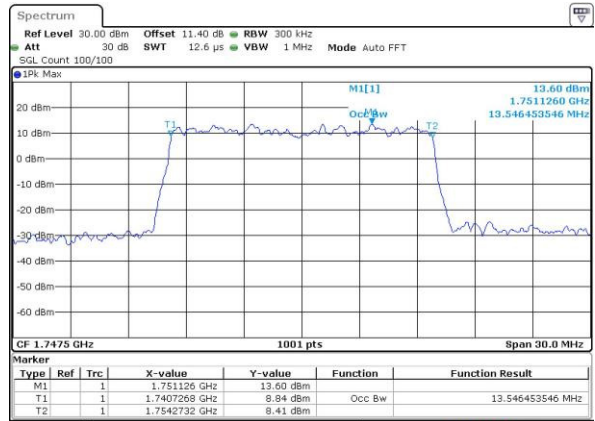
Date: 27 APR 2017 11:08:52

Middle Channel / 15MHz / 64QAM



Date: 27 APR 2017 11:12:25

Highest Channel / 15MHz / 64QAM

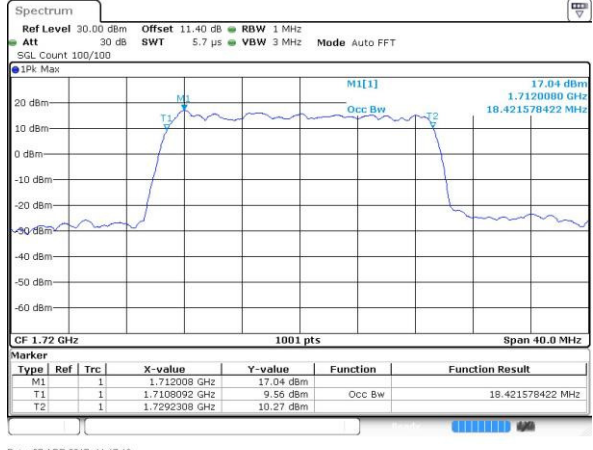


Date: 27 APR 2017 11:13:40

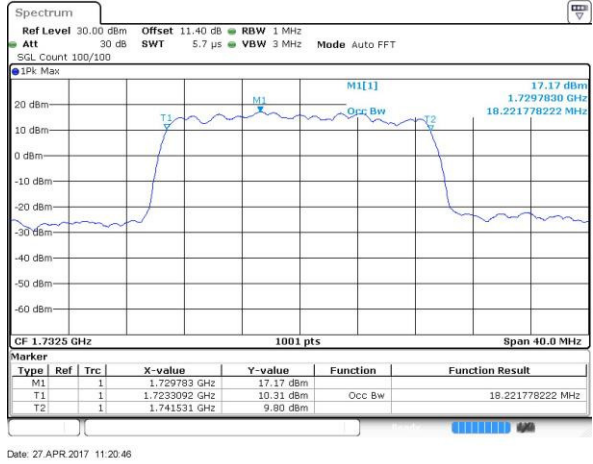


LTE Band 4

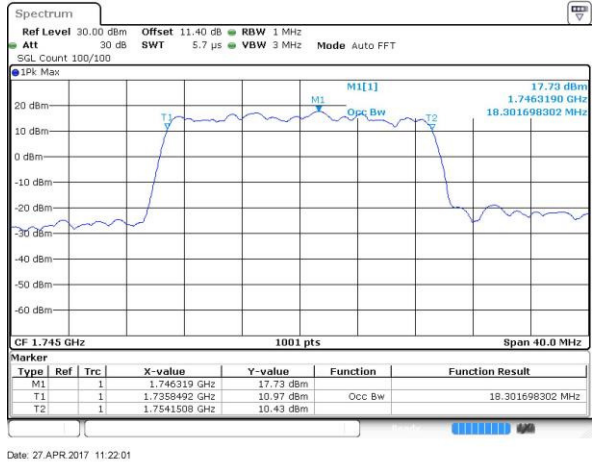
Lowest Channel / 20MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 20MHz / 64QAM



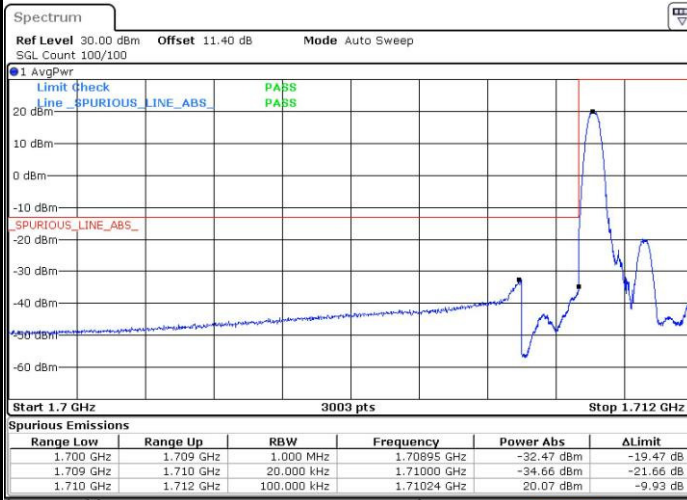


**Conducted Band Edge**



LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



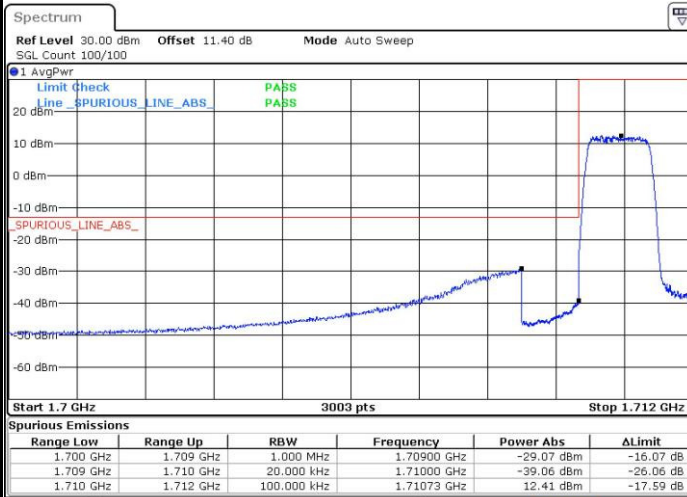
Date: 5 APR 2017 13:35:37

Highest Band Edge / 1RB



Date: 5 APR 2017 13:45:14

Lowest Band Edge / Full RB



Date: 5 APR 2017 13:37:55

Highest Band Edge / Full RB

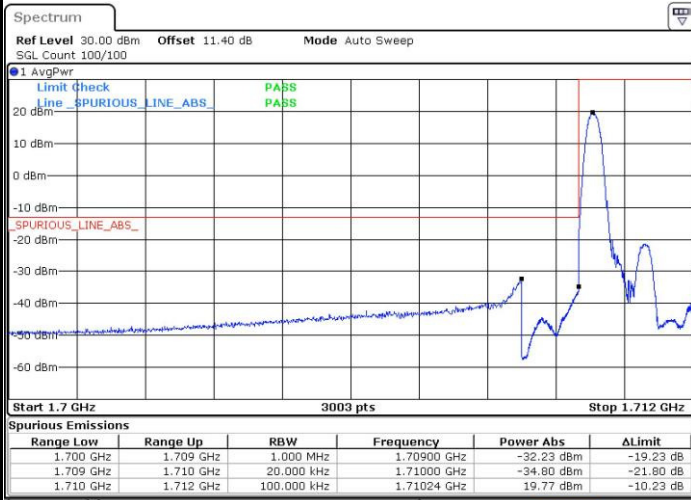


Date: 5 APR 2017 13:47:32



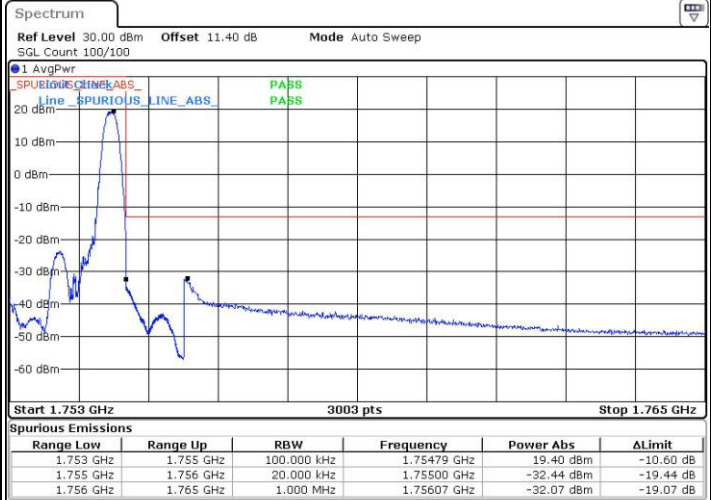
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



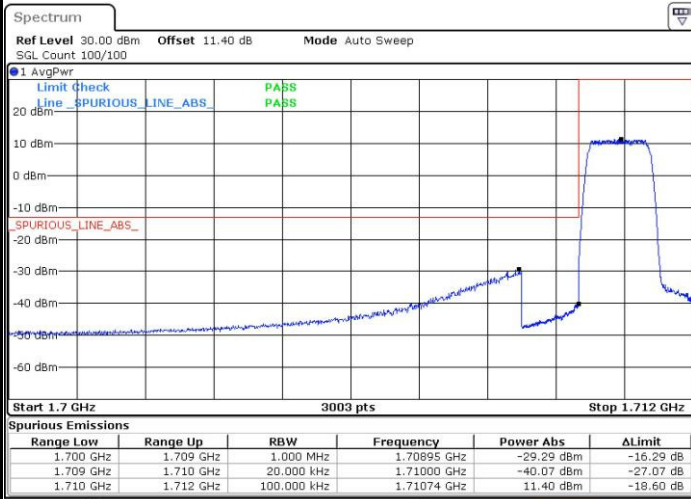
Date: 5 APR 2017 13:36:46

Highest Band Edge / 1 RB



Date: 5 APR 2017 13:46:23

Lowest Band Edge / Full RB



Date: 5 APR 2017 13:39:04

Highest Band Edge / Full RB

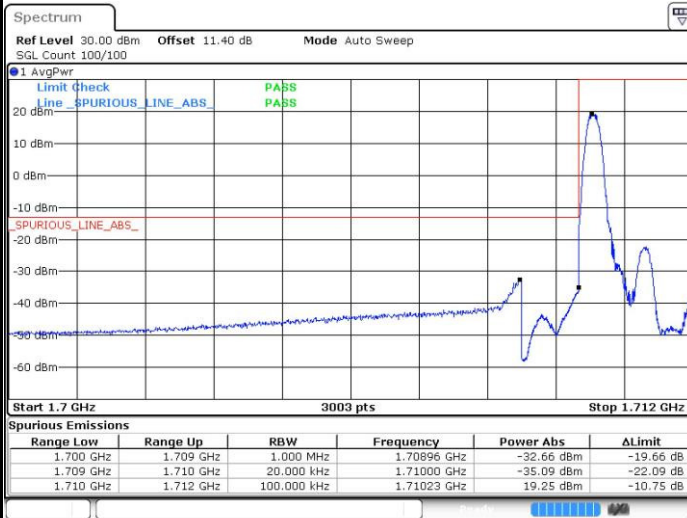


Date: 5 APR 2017 13:48:41



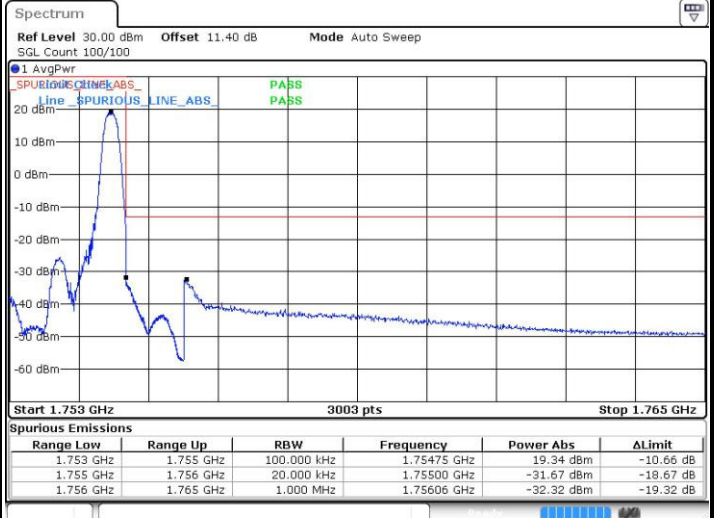
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



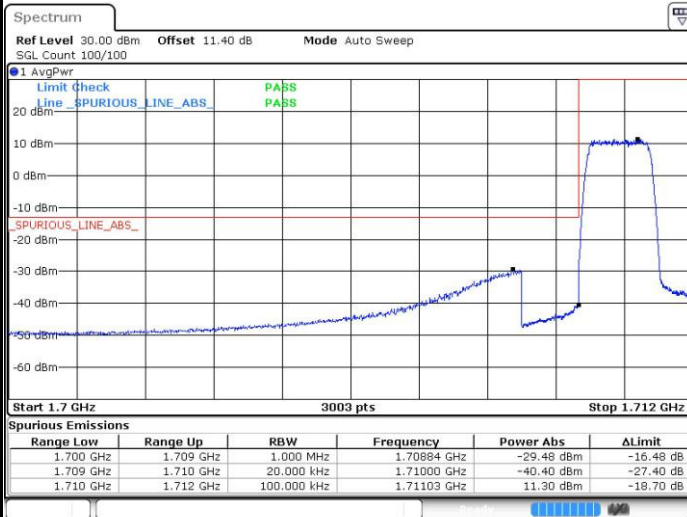
Date: 27.APR.2017 12:11:11

Highest Band Edge / 1 RB



Date: 27.APR.2017 12:16:00

Lowest Band Edge / Full RB



Date: 27.APR.2017 12:12:20

Highest Band Edge / Full RB

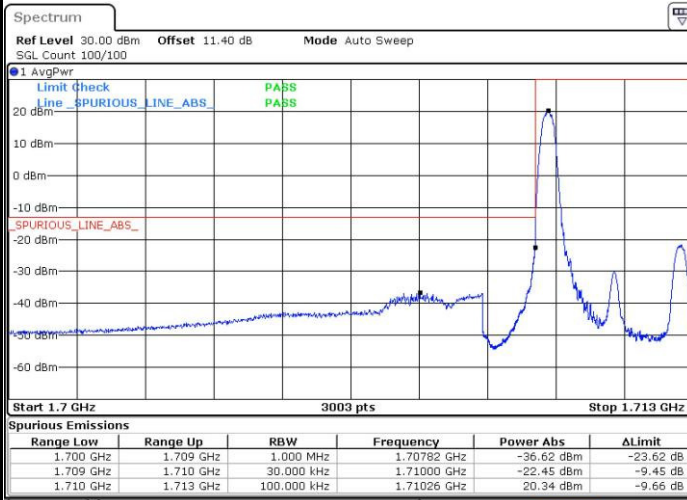


Date: 27.APR.2017 12:17:09



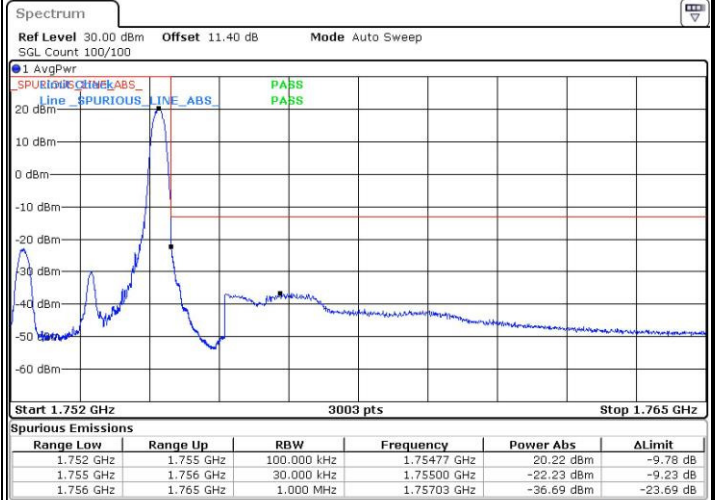
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



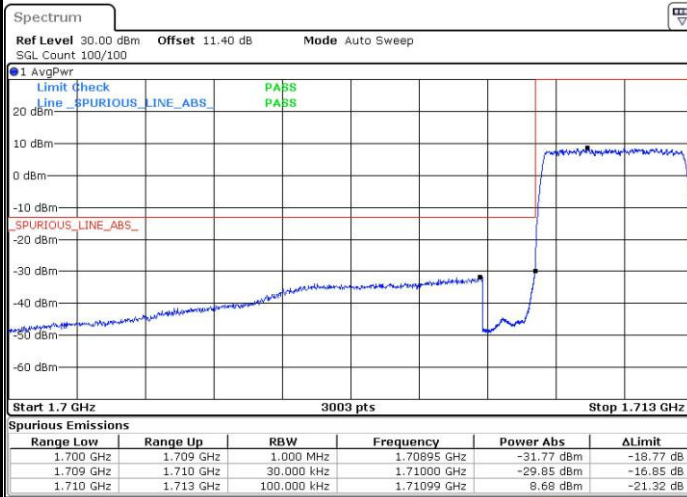
Date: 5 APR 2017 10:53:22

Highest Band Edge / 1 RB



Date: 5 APR 2017 11:03:00

Lowest Band Edge / Full RB



Date: 5 APR 2017 10:55:40

Highest Band Edge / Full RB



Date: 5 APR 2017 11:05:18