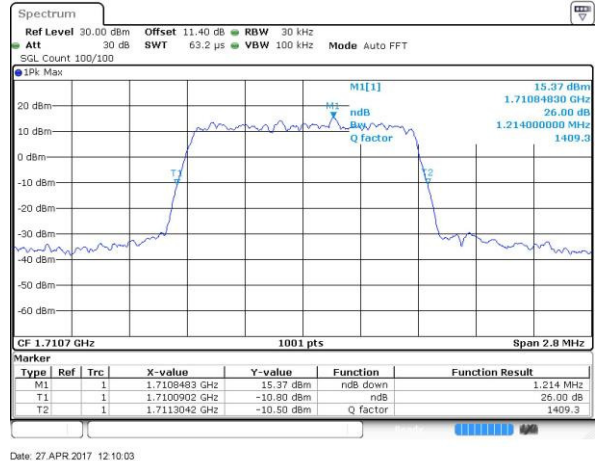


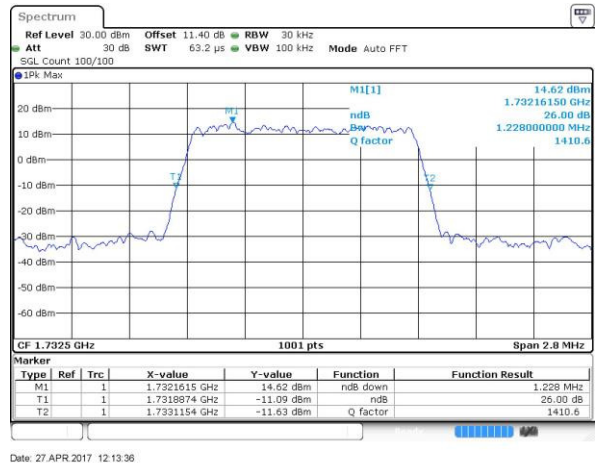


LTE Band 4

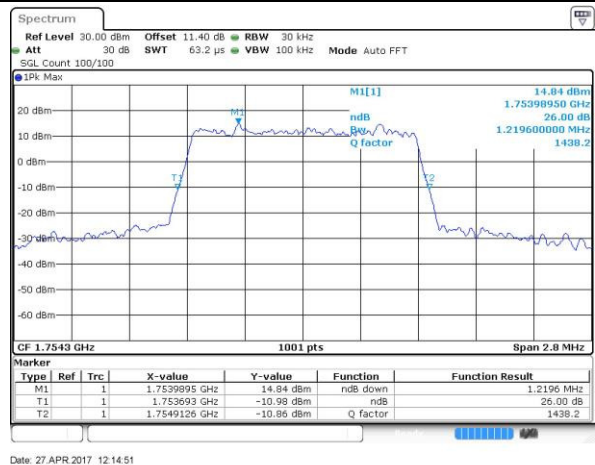
Lowest Channel / 1.4MHz / 64QAM



Middle Channel / 1.4MHz / 64QAM



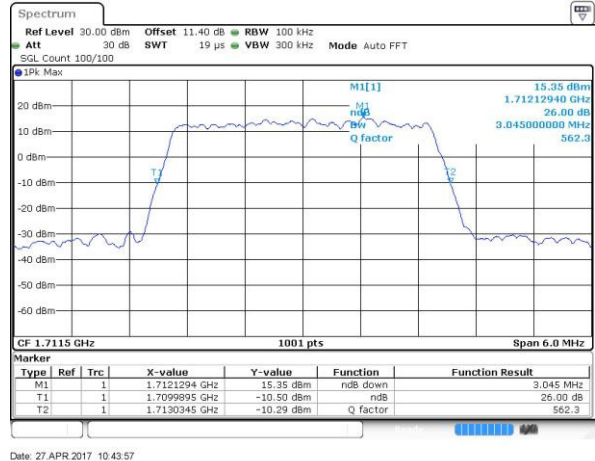
Highest Channel / 1.4MHz / 64QAM



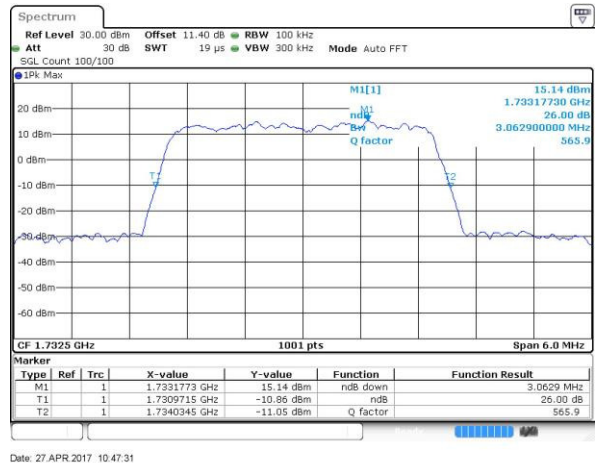


LTE Band 4

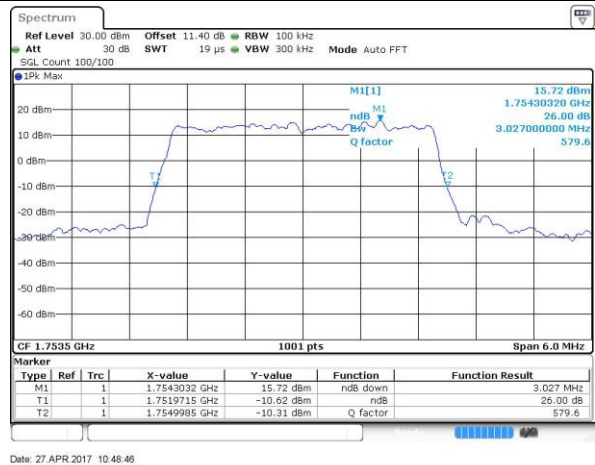
Lowest Channel / 3MHz / 64QAM



Middle Channel / 3MHz / 64QAM



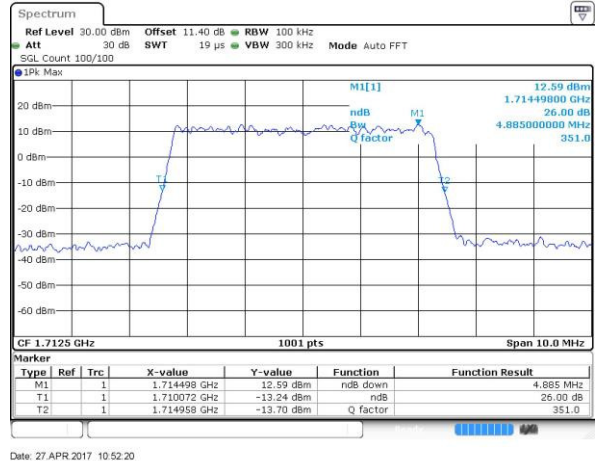
Highest Channel / 3MHz / 64QAM



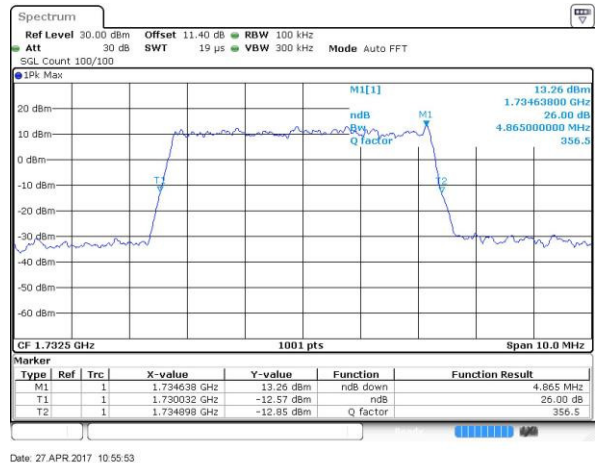


LTE Band 4

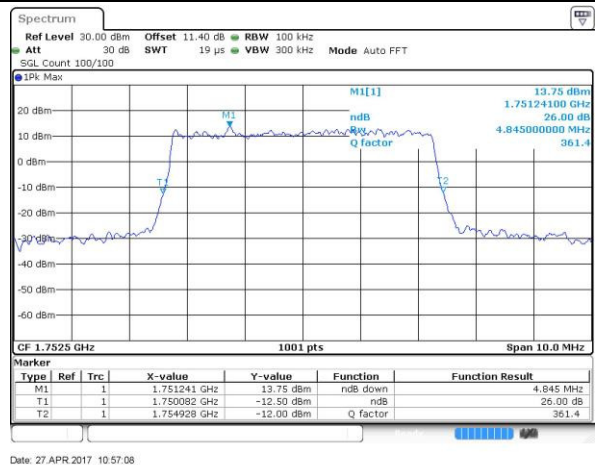
Lowest Channel / 5MHz / 64QAM



Middle Channel / 5MHz / 64QAM



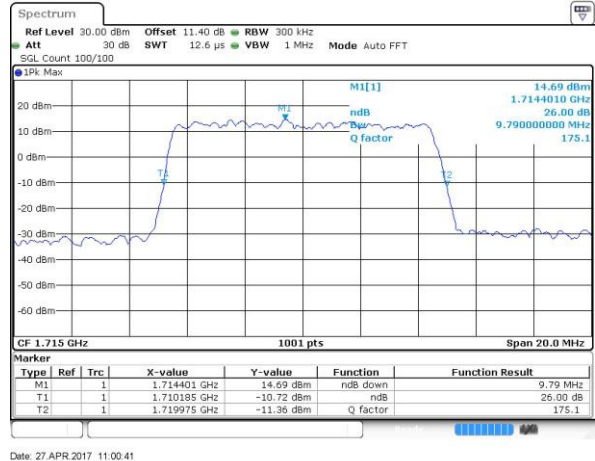
Highest Channel / 5MHz / 64QAM



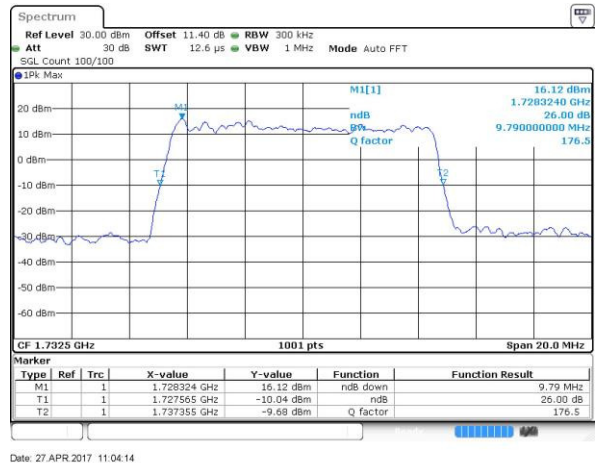


LTE Band 4

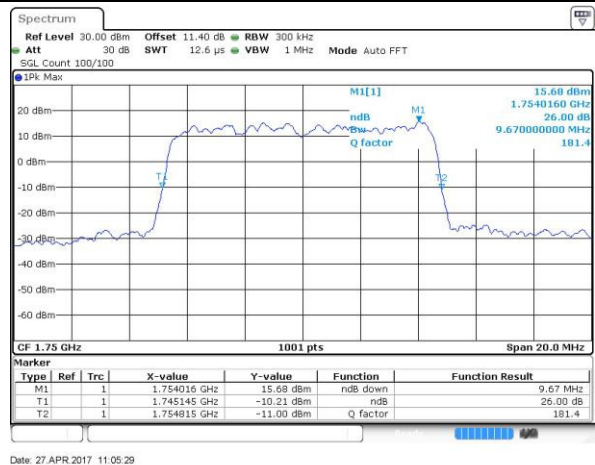
Lowest Channel / 10MHz / 64QAM



Middle Channel / 10MHz / 64QAM



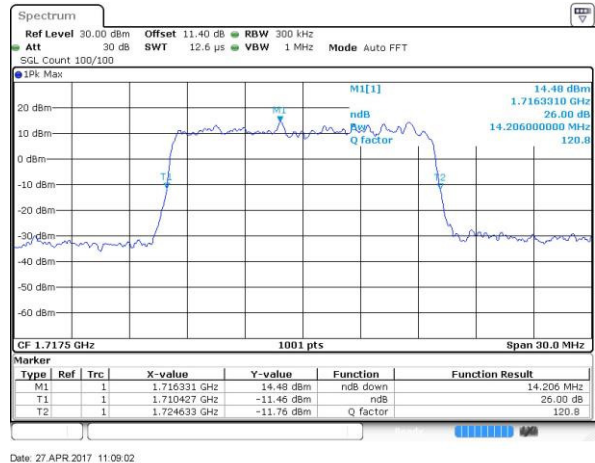
Highest Channel / 10MHz / 64QAM



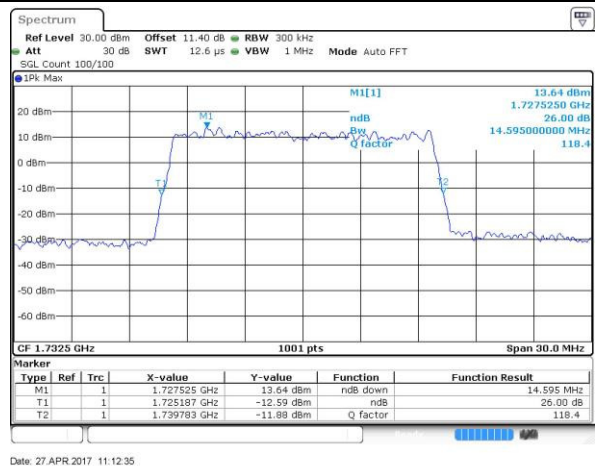


LTE Band 4

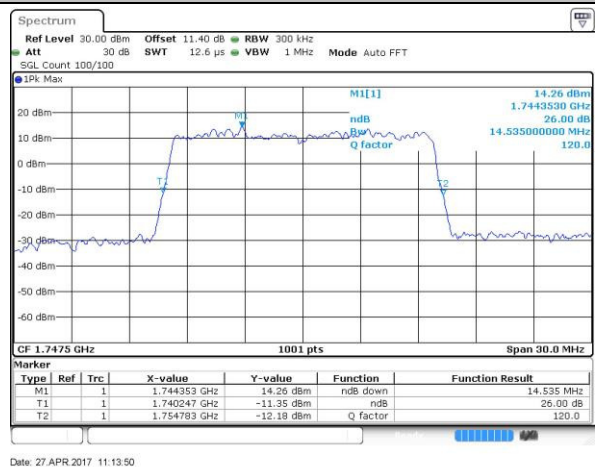
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



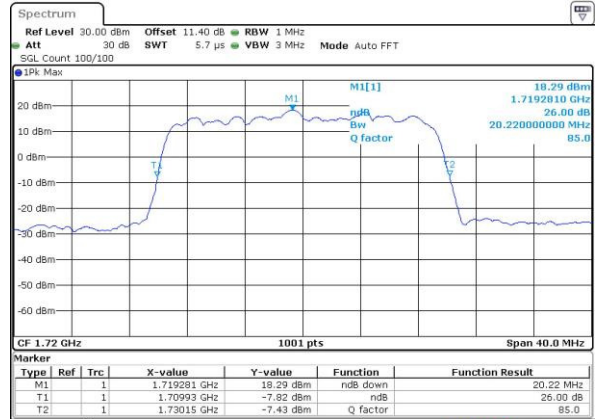
Highest Channel / 15MHz / 64QAM





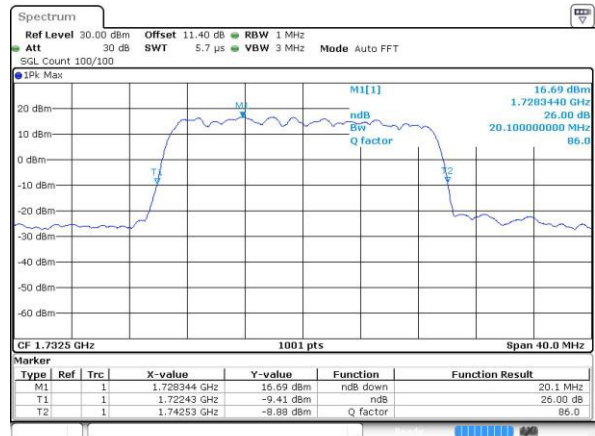
LTE Band 4

Lowest Channel / 20MHz / 64QAM



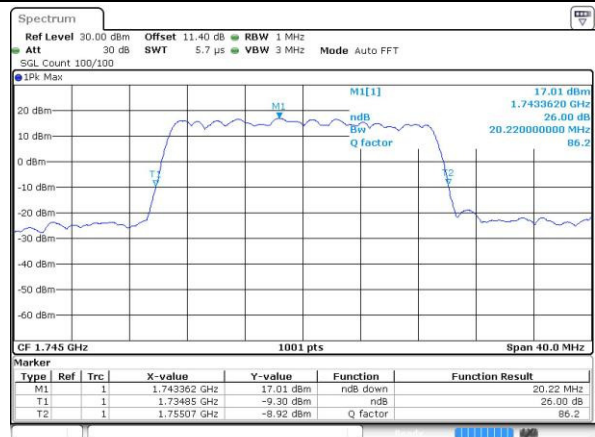
Date: 27 APR 2017 11:17:23

Middle Channel / 20MHz / 64QAM



Date: 27 APR 2017 11:20:56

Highest Channel / 20MHz / 64QAM



Date: 27 APR 2017 11:22:11

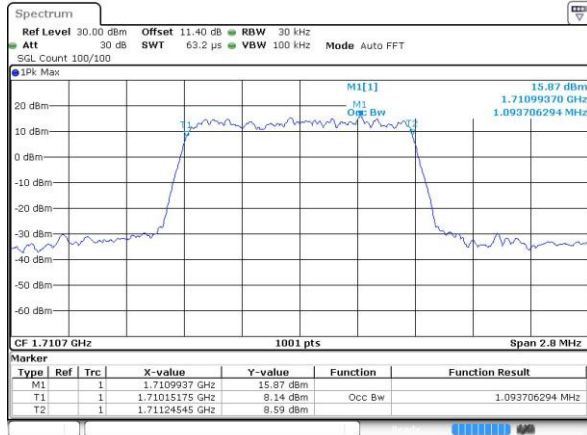
**Occupied Bandwidth**

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



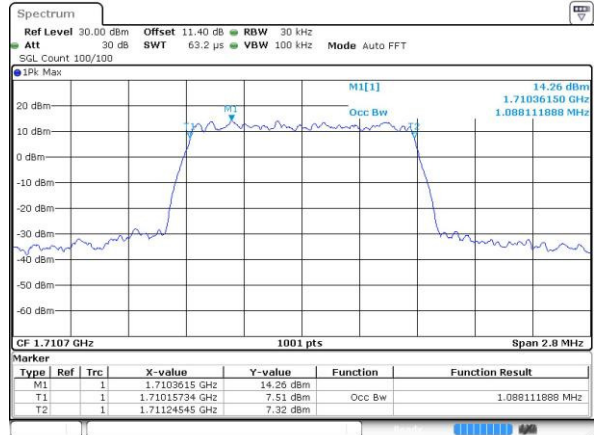
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



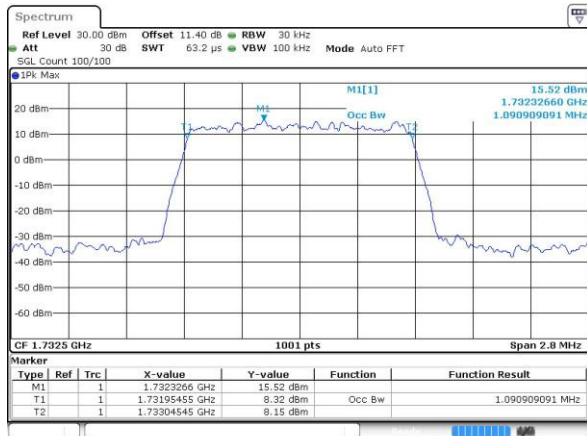
Date: 5 APR 2017 13:33:57

Lowest Channel / 1.4MHz / 16QAM



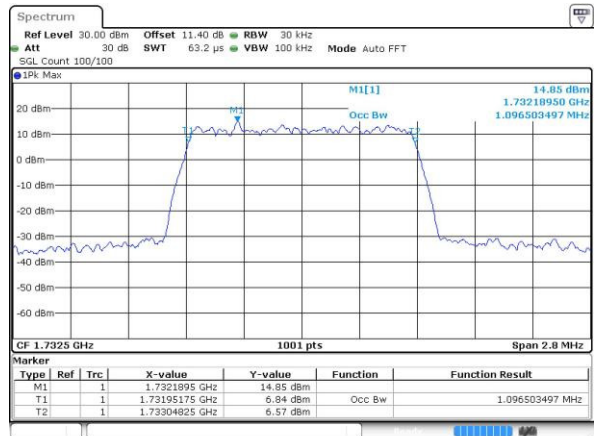
Date: 5 APR 2017 13:34:07

Middle Channel / 1.4MHz / QPSK



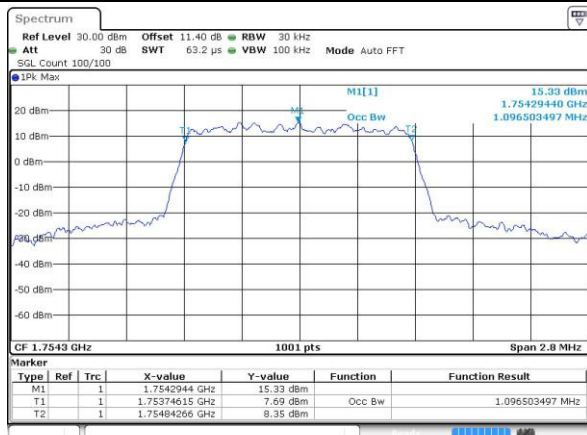
Date: 5 APR 2017 13:41:04

Middle Channel / 1.4MHz / 16QAM



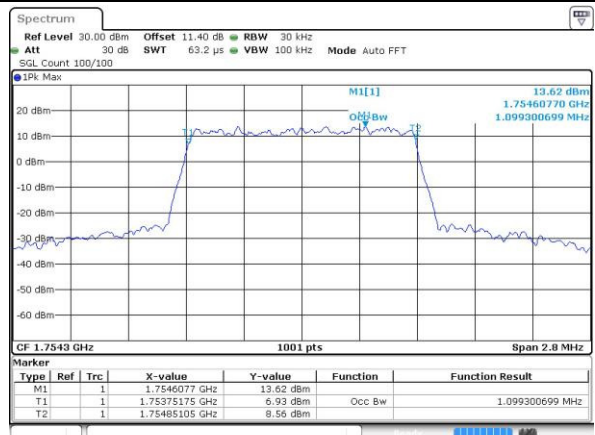
Date: 5 APR 2017 13:41:14

Highest Channel / 1.4MHz / QPSK



Date: 5 APR 2017 13:43:35

Highest Channel / 1.4MHz / 16QAM

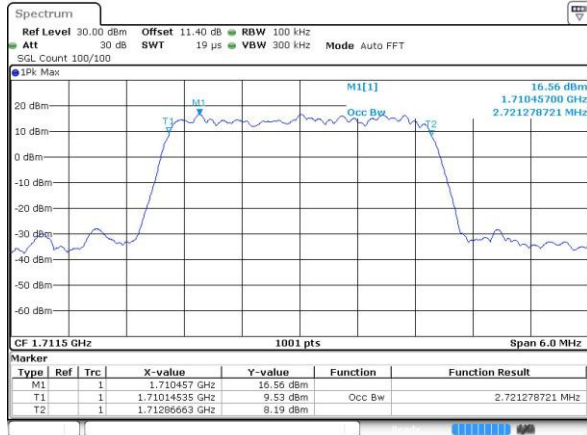


Date: 5 APR 2017 13:43:45

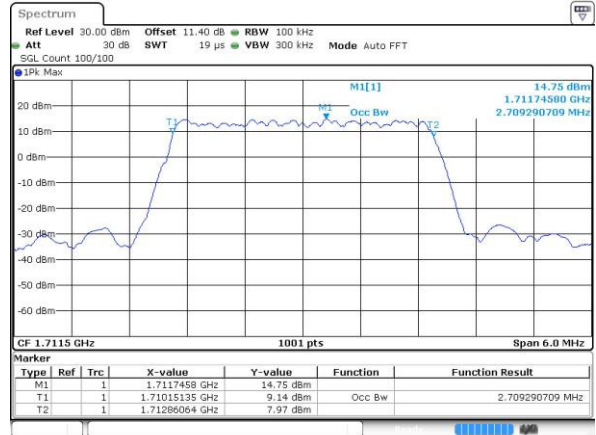


LTE Band 4

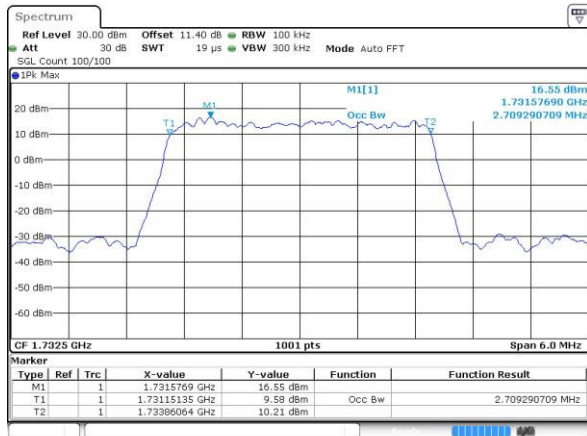
Lowest Channel / 3MHz / QPSK



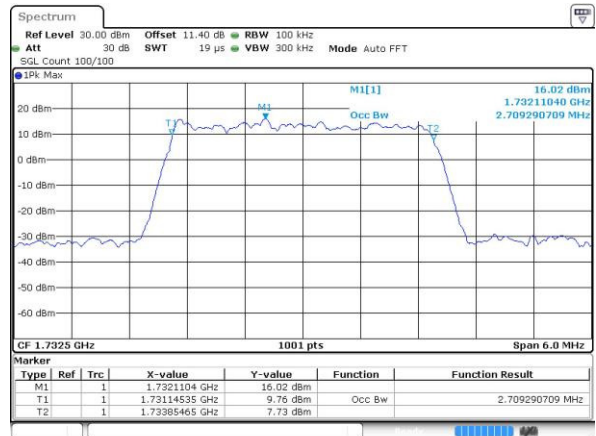
Lowest Channel / 3MHz / 16QAM



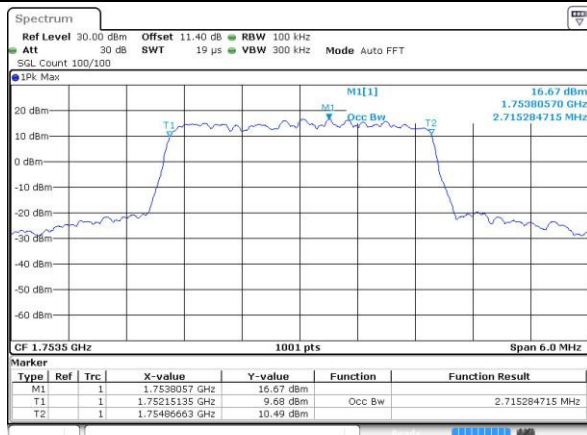
Middle Channel / 3MHz / QPSK



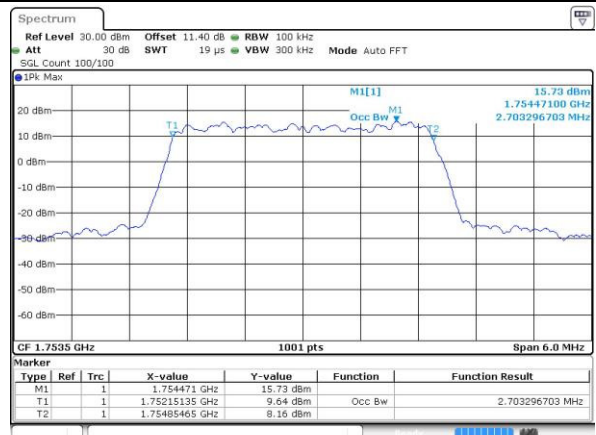
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



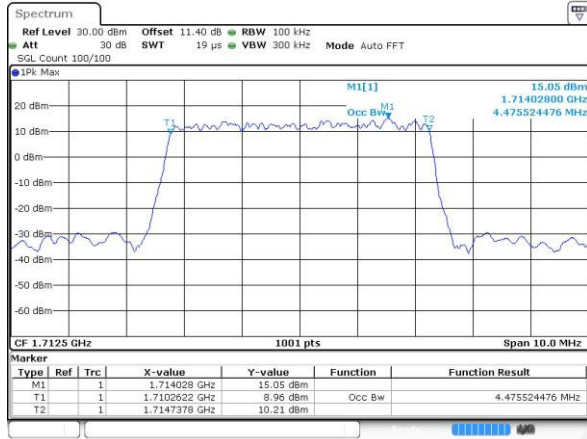
Highest Channel / 3MHz / 16QAM



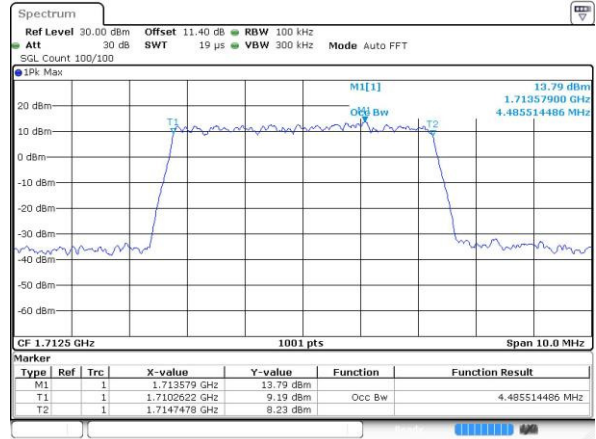


LTE Band 4

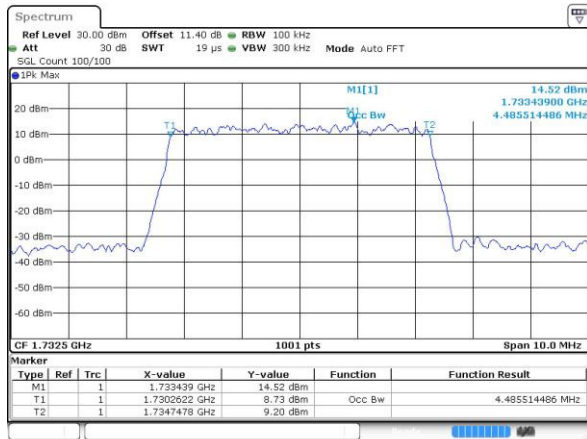
Lowest Channel / 5MHz / QPSK



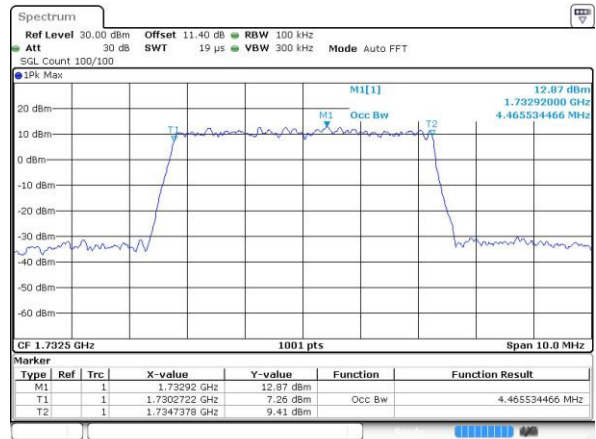
Lowest Channel / 5MHz / 16QAM



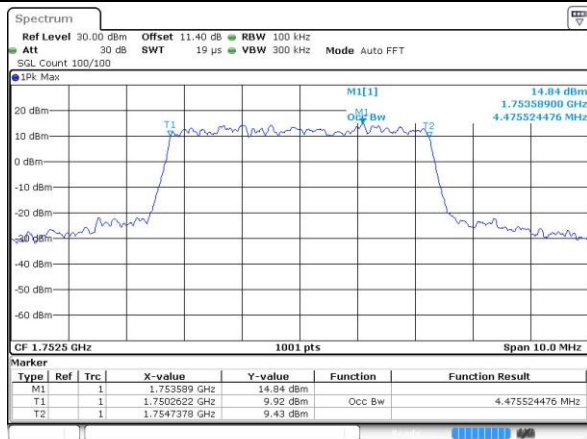
Middle Channel / 5MHz / QPSK



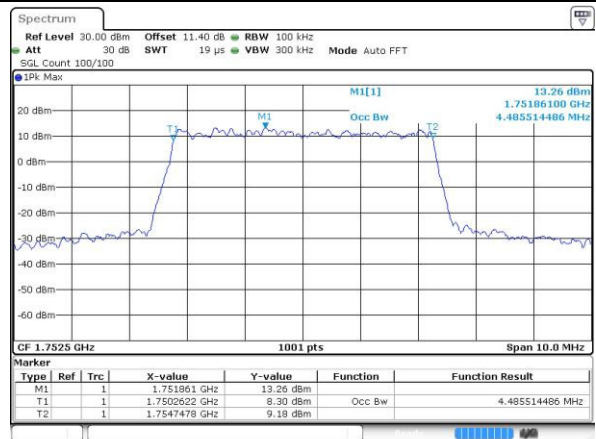
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



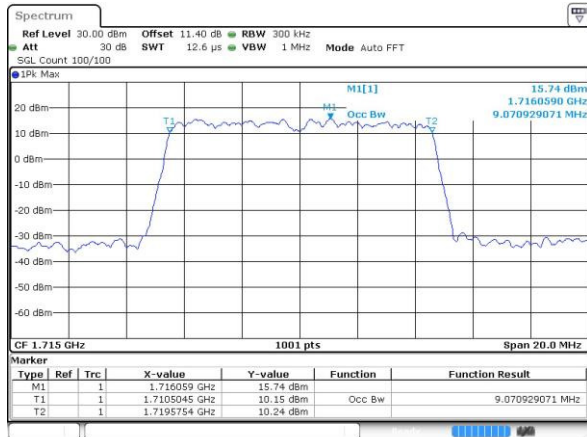
Highest Channel / 5MHz / 16QAM





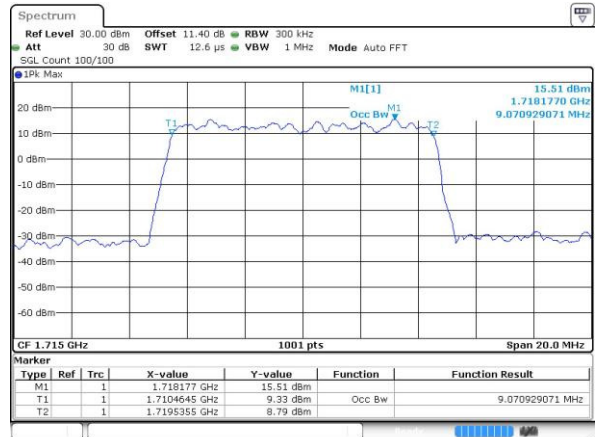
LTE Band 4

Lowest Channel / 10MHz / QPSK



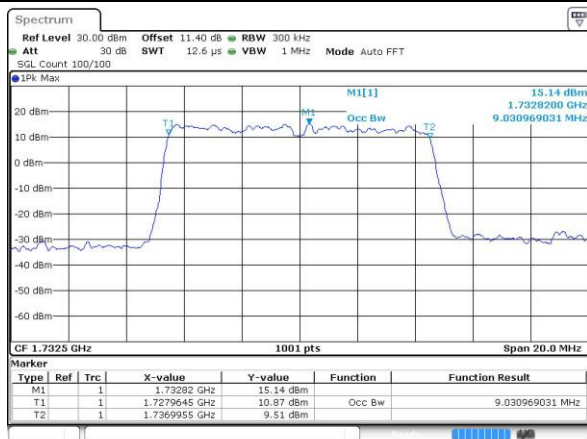
Date: 5 APR 2017 11:25:12

Lowest Channel / 10MHz / 16QAM



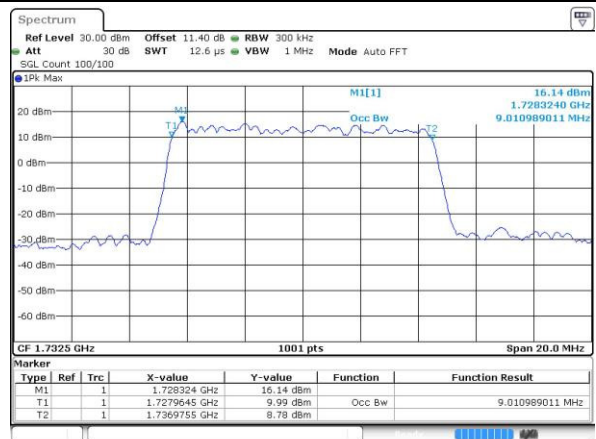
Date: 5 APR 2017 11:25:22

Middle Channel / 10MHz / QPSK



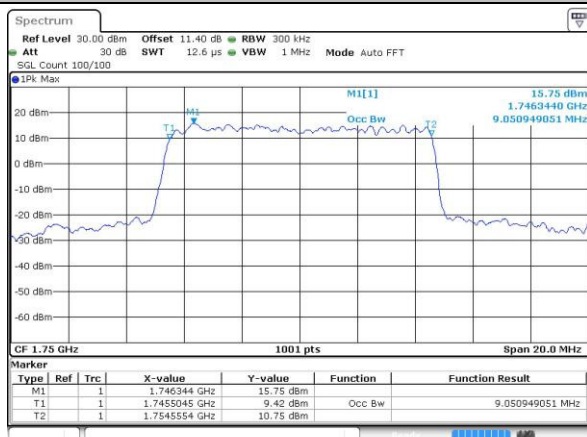
Date: 5 APR 2017 11:32:18

Middle Channel / 10MHz / 16QAM



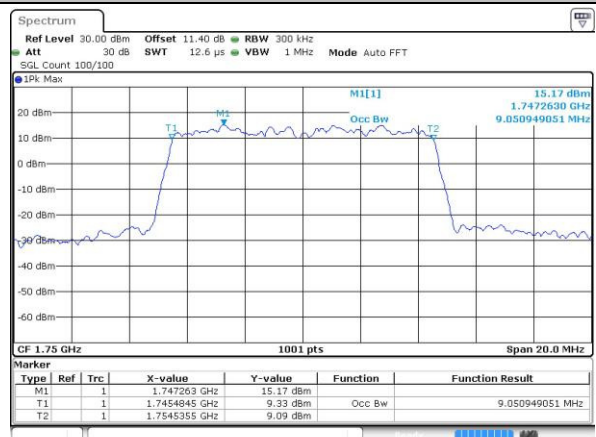
Date: 5 APR 2017 11:32:25

Highest Channel / 10MHz / QPSK



Date: 5 APR 2017 11:34:49

Highest Channel / 10MHz / 16QAM

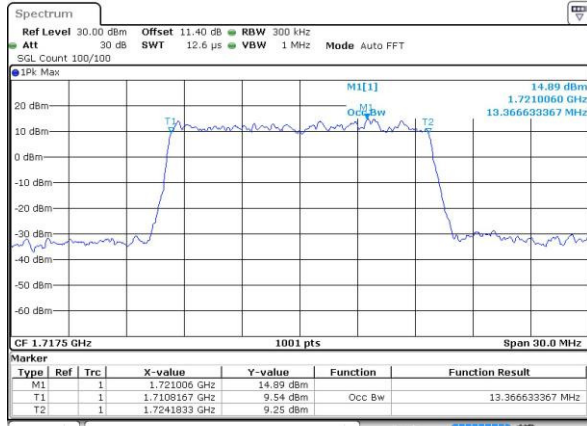


Date: 5 APR 2017 11:34:59



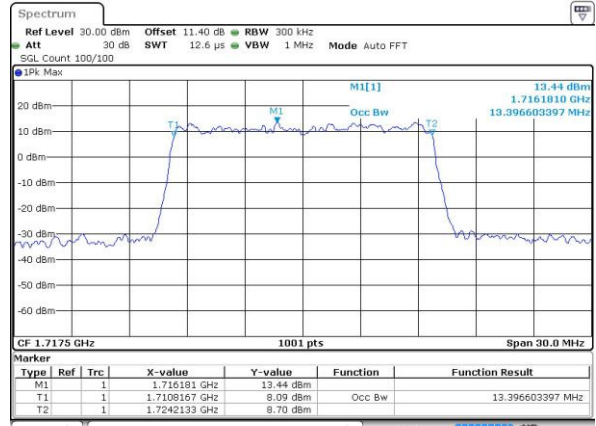
LTE Band 4

Lowest Channel / 15MHz / QPSK



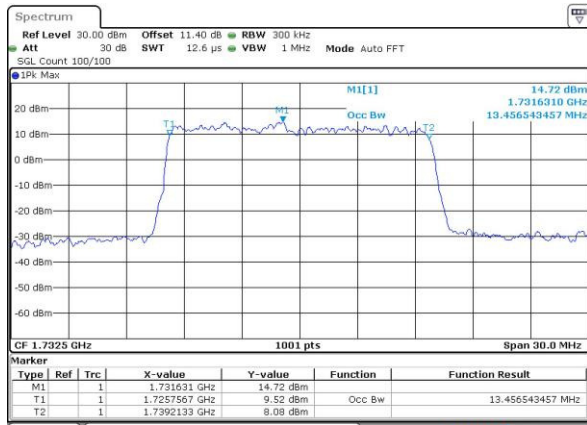
Date: 5 APR 2017 11:41:56

Lowest Channel / 15MHz / 16QAM



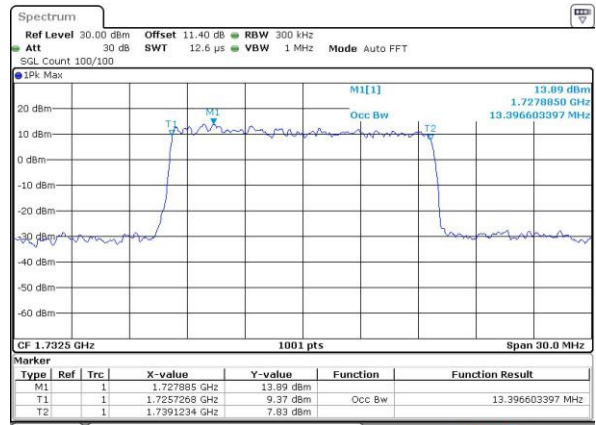
Date: 5 APR 2017 11:42:06

Middle Channel / 15MHz / QPSK



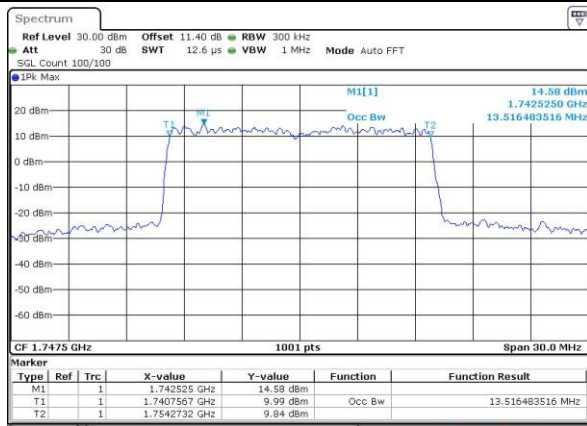
Date: 5 APR 2017 11:49:03

Middle Channel / 15MHz / 16QAM



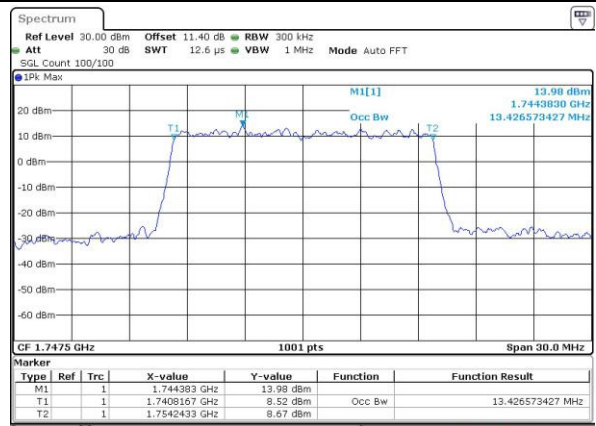
Date: 5 APR 2017 11:49:13

Highest Channel / 15MHz / QPSK



Date: 5 APR 2017 11:51:33

Highest Channel / 15MHz / 16QAM

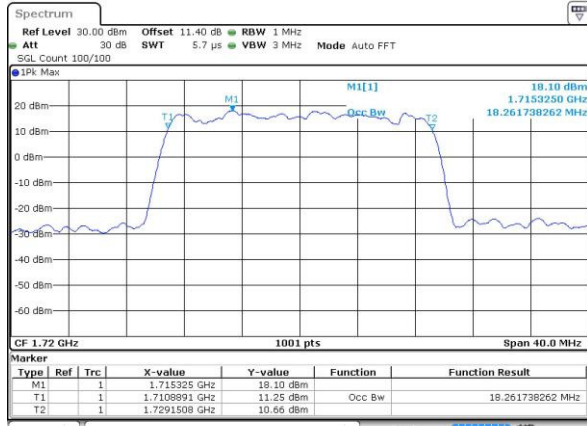


Date: 5 APR 2017 11:51:43



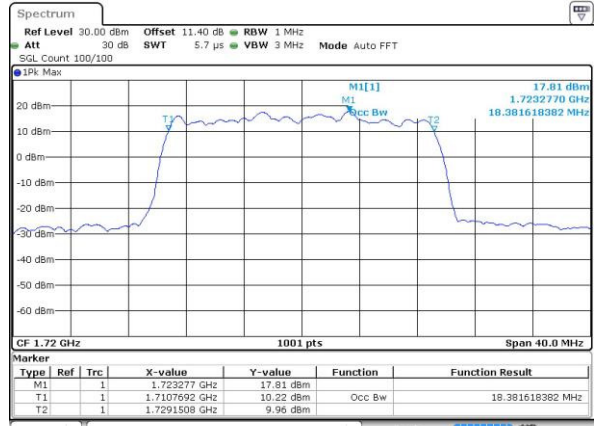
LTE Band 4

Lowest Channel / 20MHz / QPSK



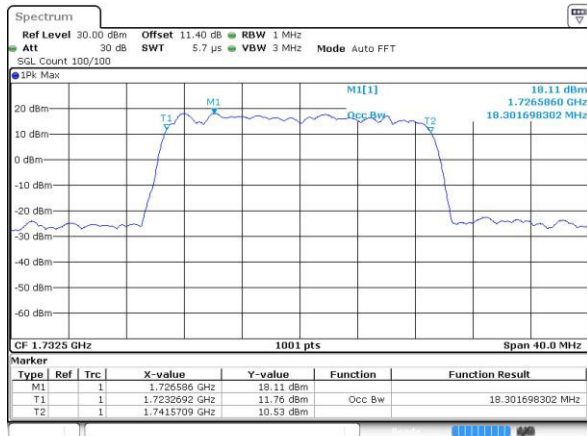
Date: 5 APR 2017 11:58:40

Lowest Channel / 20MHz / 16QAM



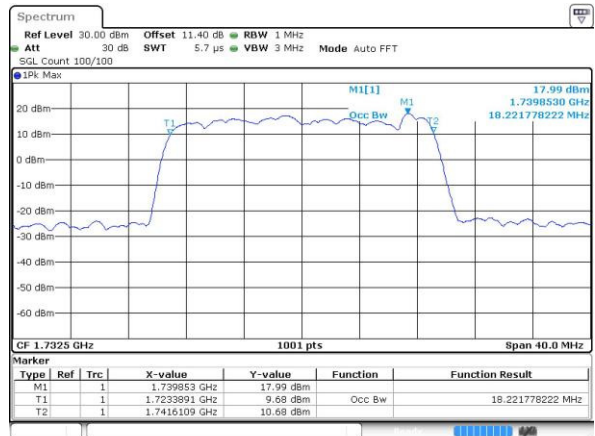
Date: 5 APR 2017 11:58:50

Middle Channel / 20MHz / QPSK



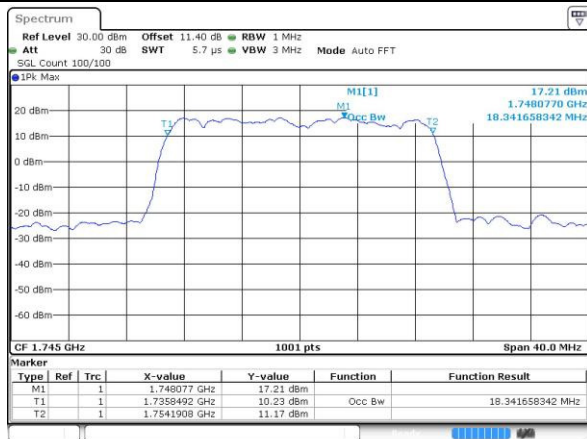
Date: 5 APR 2017 12:05:47

Middle Channel / 20MHz / 16QAM



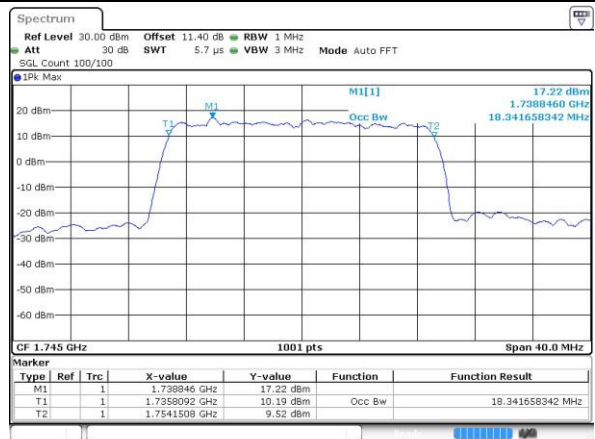
Date: 5 APR 2017 12:05:57

Highest Channel / 20MHz / QPSK



Date: 5 APR 2017 12:08:17

Highest Channel / 20MHz / 16QAM

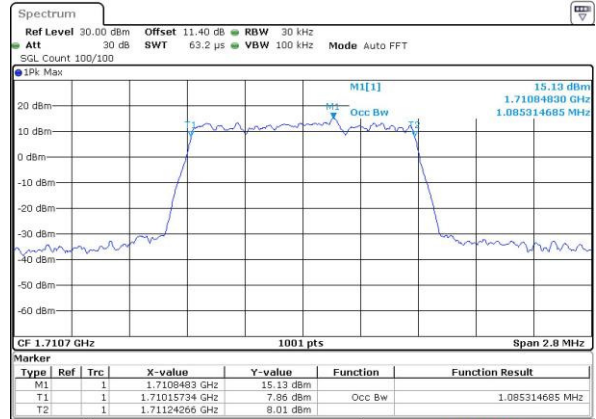


Date: 5 APR 2017 12:08:28



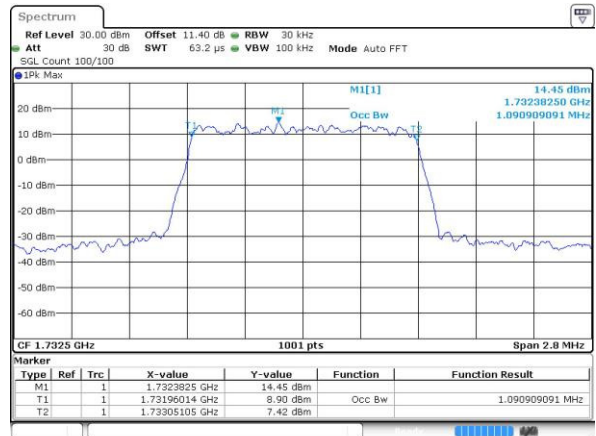
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



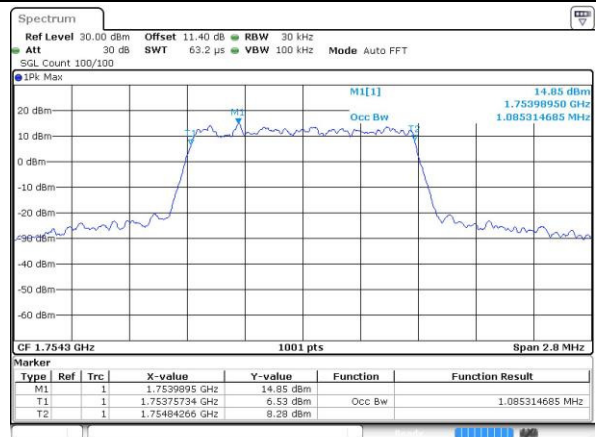
Date: 27 APR 2017 12:09:52

Middle Channel / 1.4MHz / 64QAM



Date: 27 APR 2017 12:13:26

Highest Channel / 1.4MHz / 64QAM

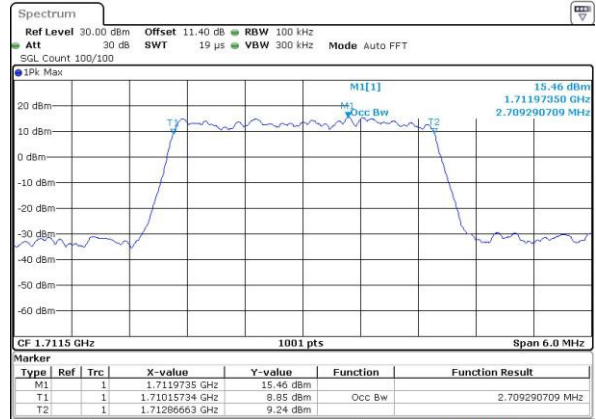


Date: 27 APR 2017 12:14:41



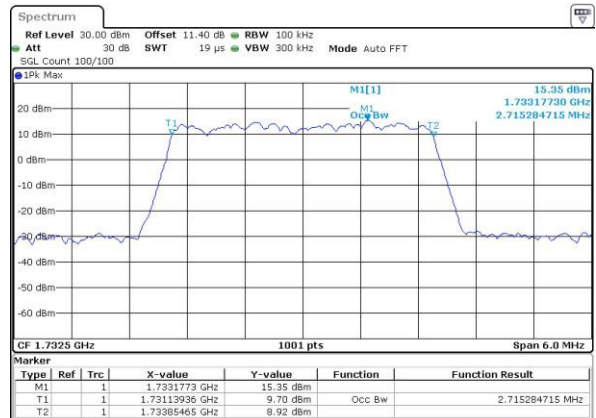
LTE Band 4

Lowest Channel / 3MHz / 64QAM



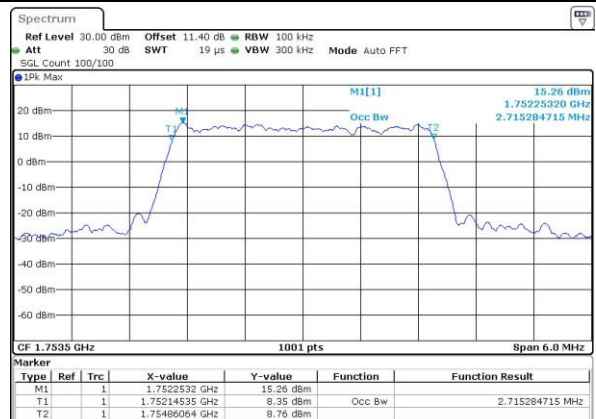
Date: 27 APR 2017 10:43:47

Middle Channel / 3MHz / 64QAM



Date: 27 APR 2017 10:47:21

Highest Channel / 3MHz / 64QAM

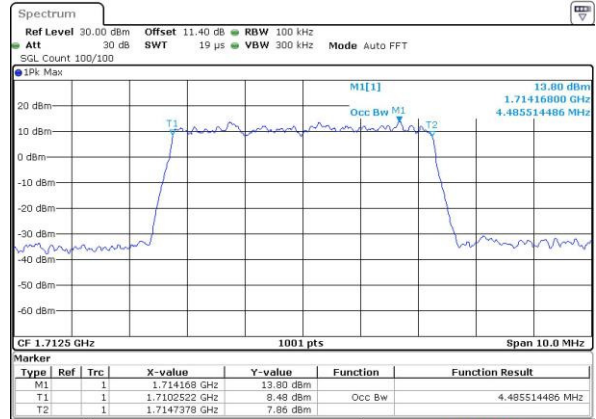


Date: 27 APR 2017 10:48:36



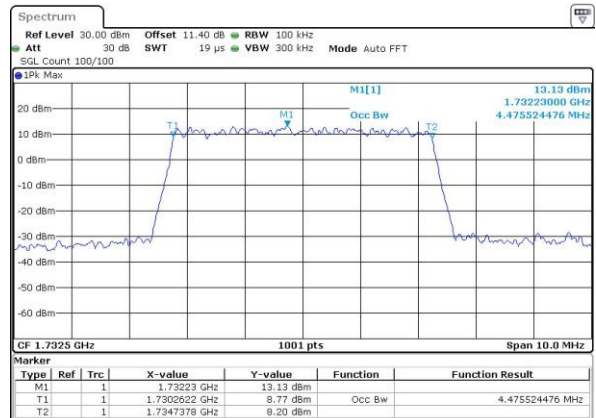
LTE Band 4

Lowest Channel / 5MHz / 64QAM



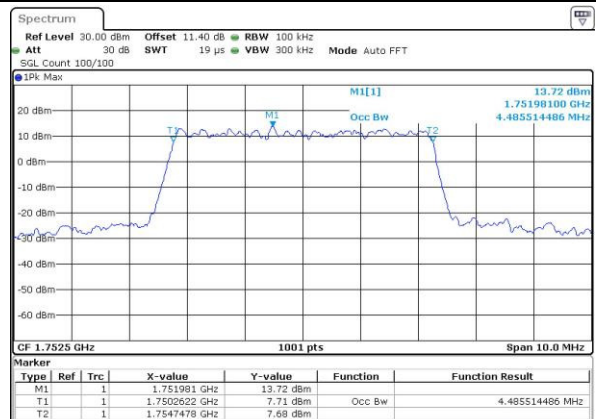
Date: 27 APR 2017 10:52:09

Middle Channel / 5MHz / 64QAM



Date: 27 APR 2017 10:55:43

Highest Channel / 5MHz / 64QAM

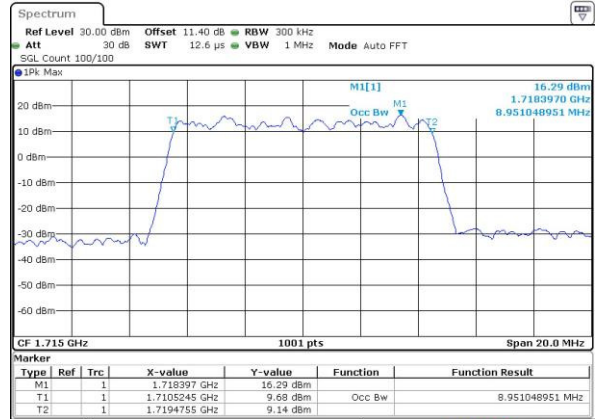


Date: 27 APR 2017 10:56:58



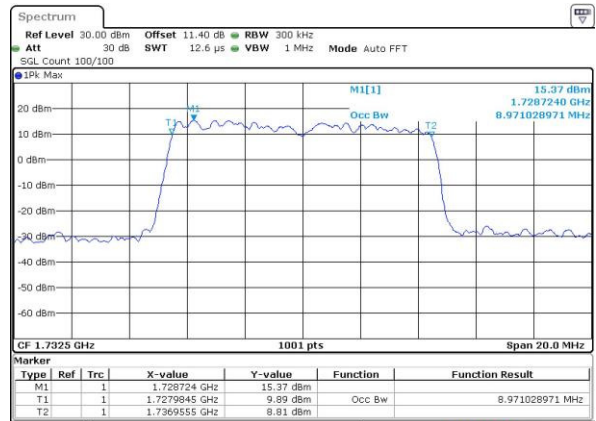
LTE Band 4

Lowest Channel / 10MHz / 64QAM



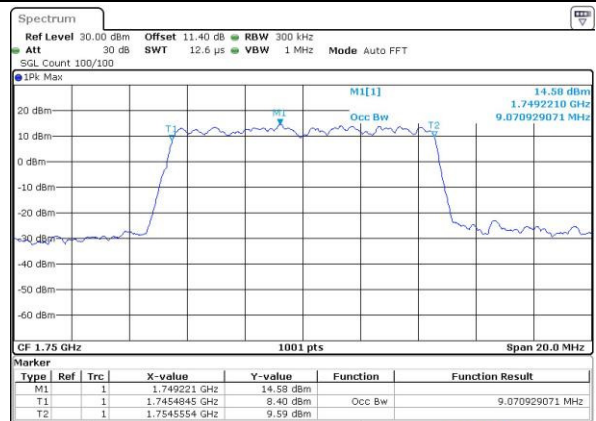
Date: 27 APR 2017 11:00:31

Middle Channel / 10MHz / 64QAM



Date: 27 APR 2017 11:04:04

Highest Channel / 10MHz / 64QAM

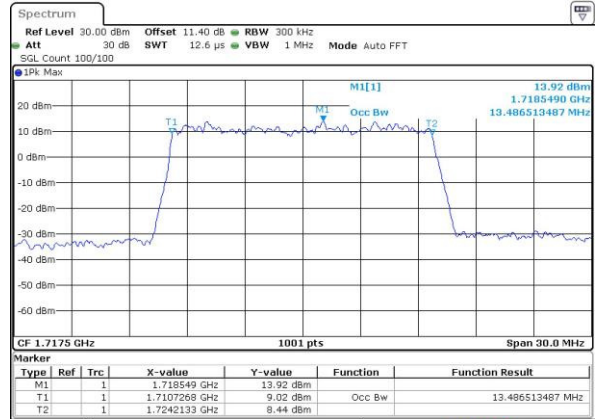


Date: 27 APR 2017 11:05:18



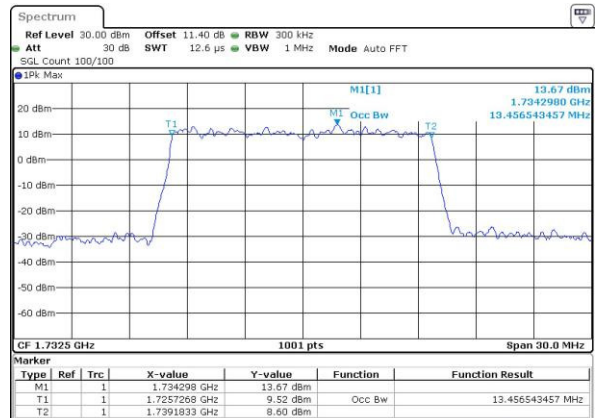
LTE Band 4

Lowest Channel / 15MHz / 64QAM



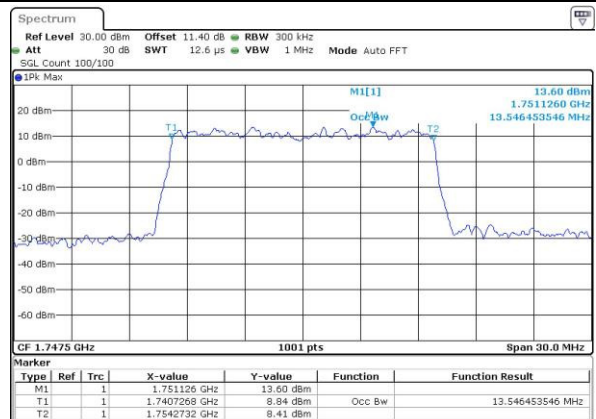
Date: 27 APR 2017 11:08:52

Middle Channel / 15MHz / 64QAM



Date: 27 APR 2017 11:12:25

Highest Channel / 15MHz / 64QAM

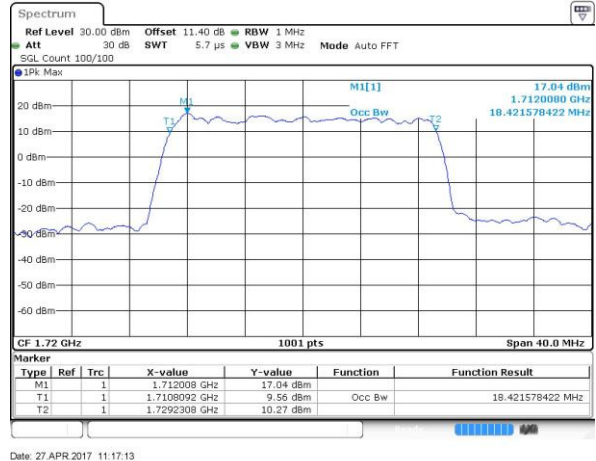


Date: 27 APR 2017 11:13:40

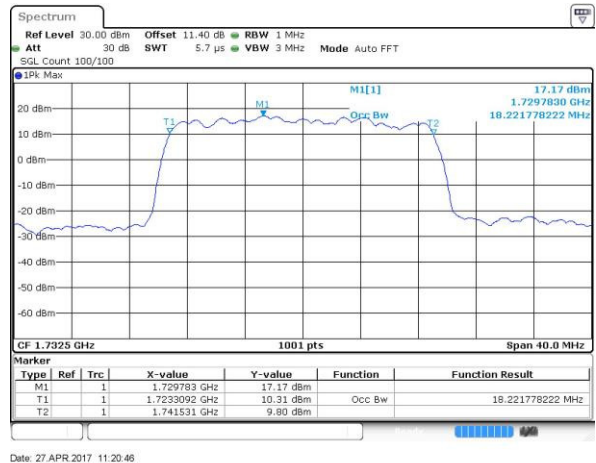


LTE Band 4

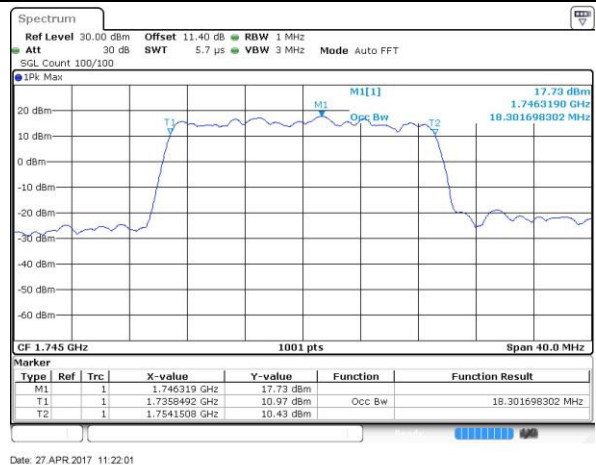
Lowest Channel / 20MHz / 64QAM



Middle Channel / 20MHz / 64QAM



Highest Channel / 20MHz / 64QAM



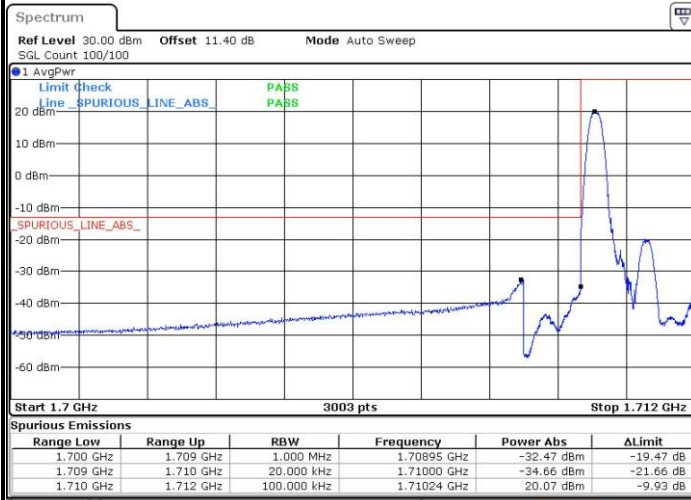


Conducted Band Edge

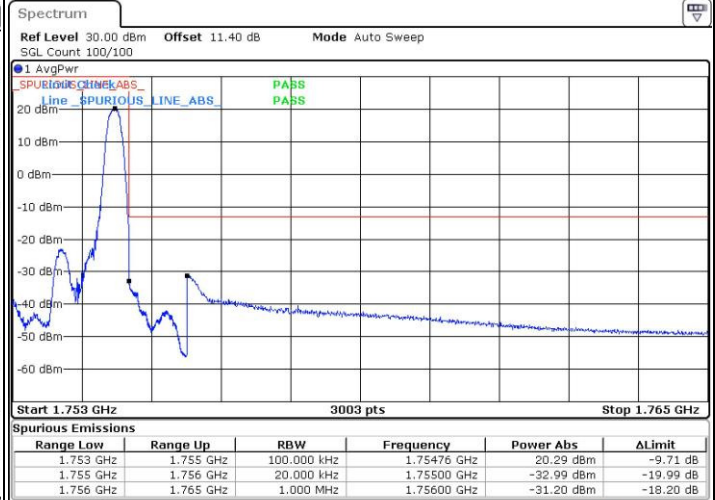


LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



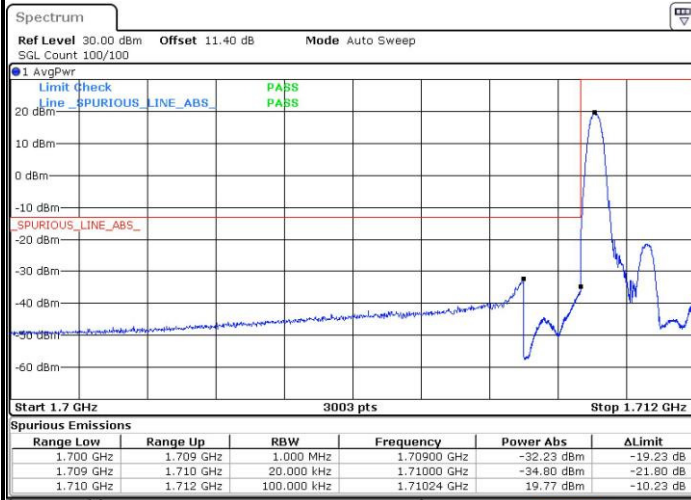
Highest Band Edge / Full RB



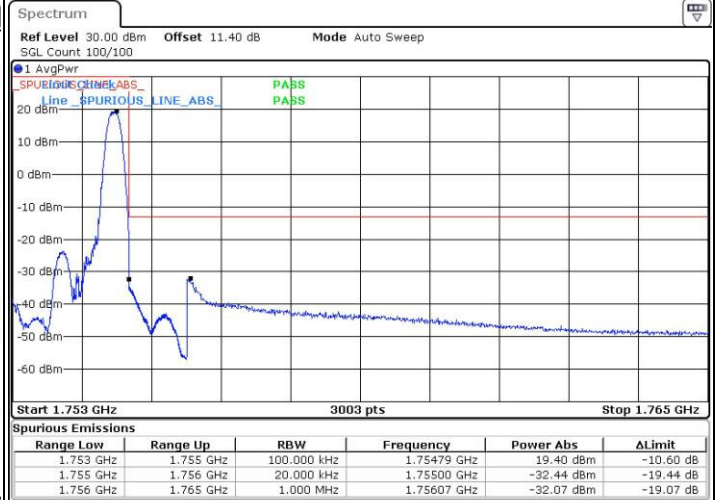


LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



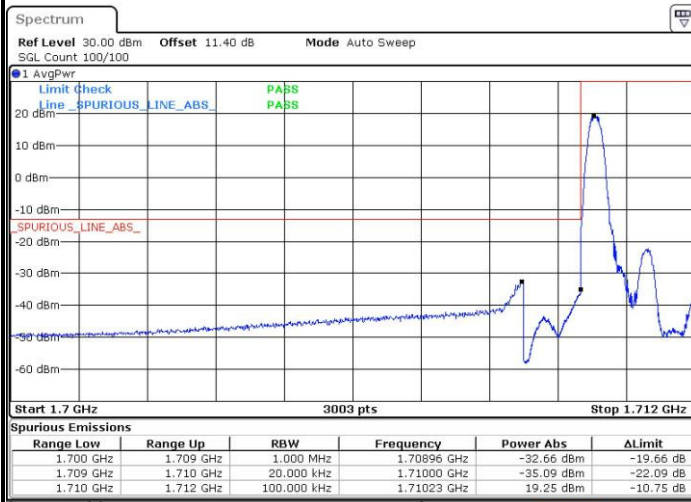
Highest Band Edge / Full RB



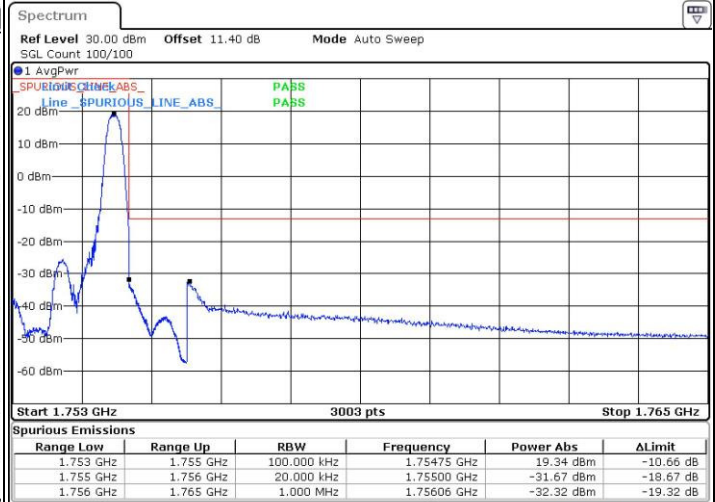


LTE Band 4 / 1.4MHz / 64QAM

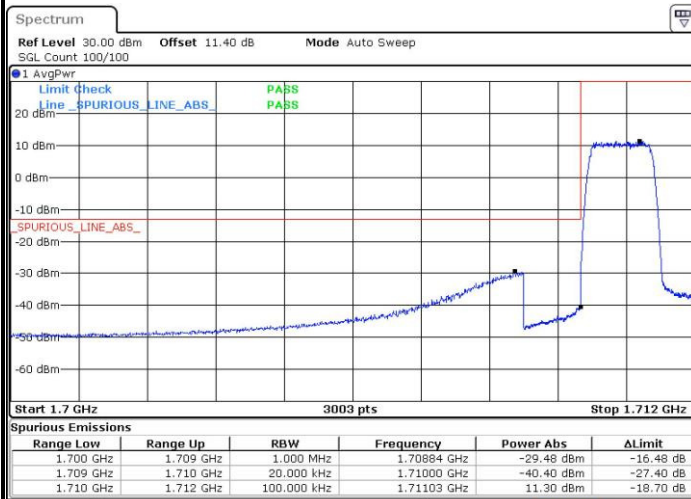
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



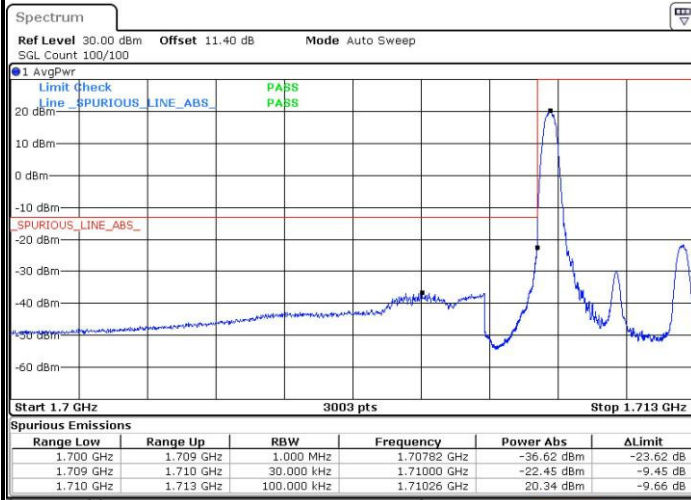
Highest Band Edge / Full RB



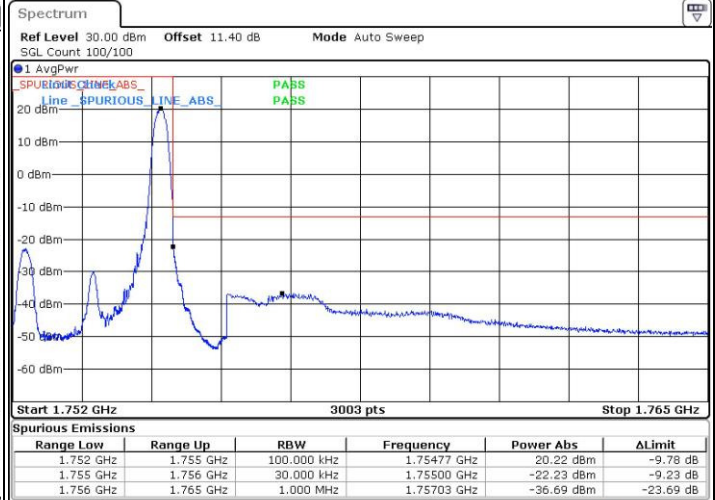


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

