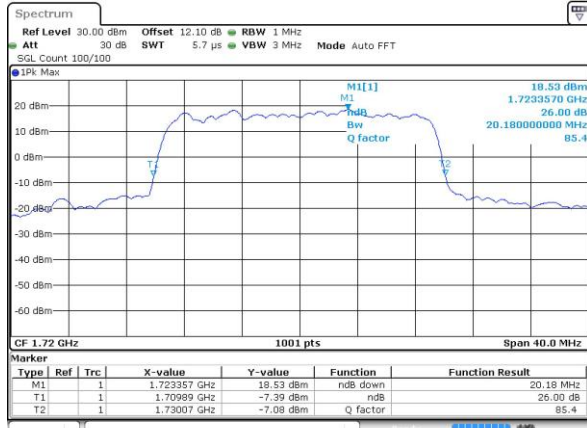




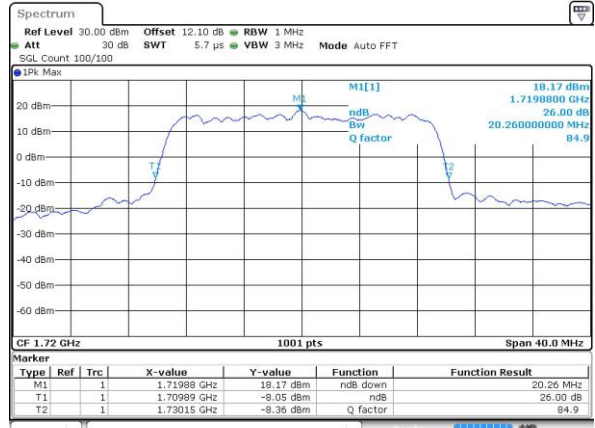
LTE Band 4

Lowest Channel / 20MHz / QPSK



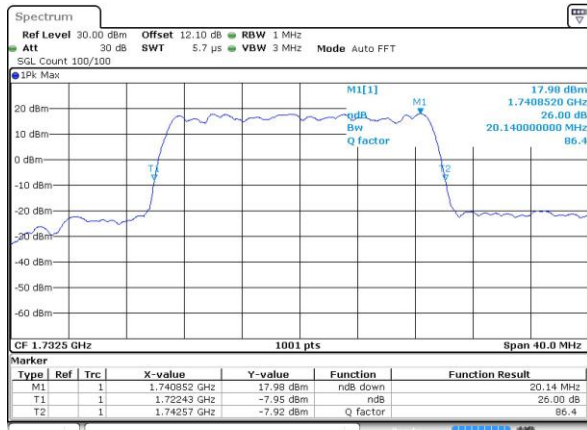
Date: 20.OCT.2018 15:53:16

Lowest Channel / 20MHz / 16QAM



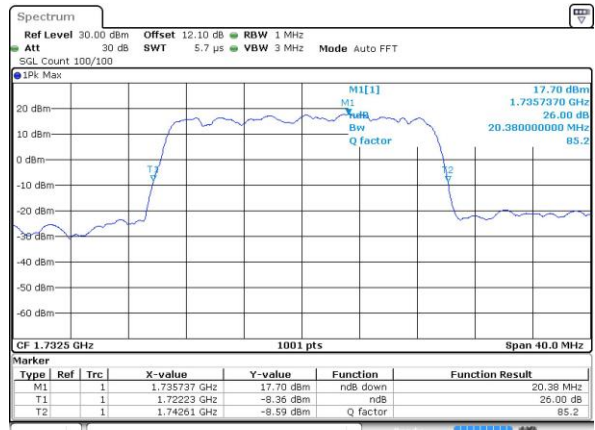
Date: 20.OCT.2018 15:53:27

Middle Channel / 20MHz / QPSK



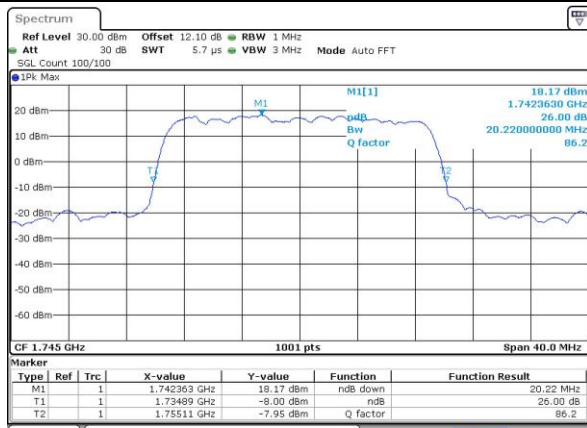
Date: 20.OCT.2018 16:01:55

Middle Channel / 20MHz / 16QAM



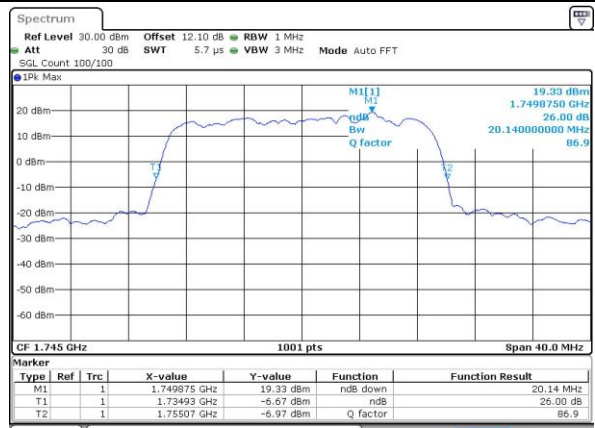
Date: 20.OCT.2018 16:02:07

Highest Channel / 20MHz / QPSK



Date: 20.OCT.2018 16:08:38

Highest Channel / 20MHz / 16QAM

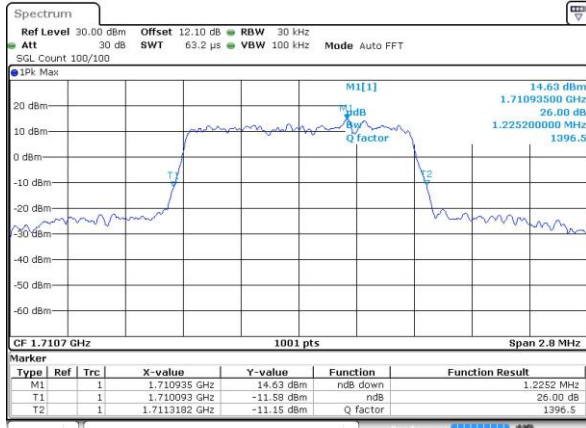


Date: 20.OCT.2018 16:08:50

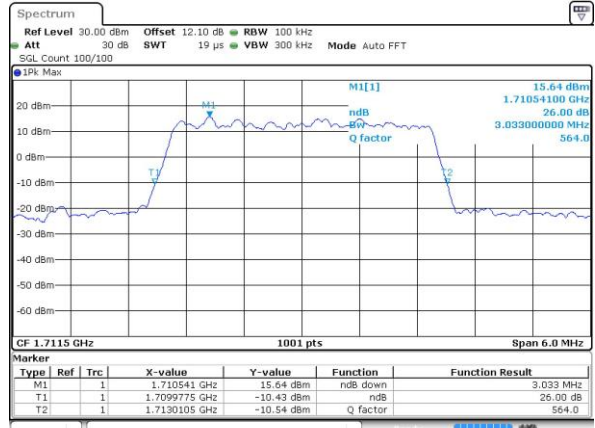


LTE Band 4

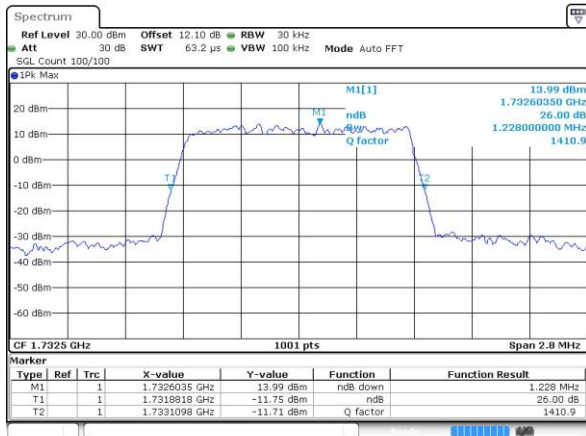
Lowest Channel / 1.4MHz / 64QAM



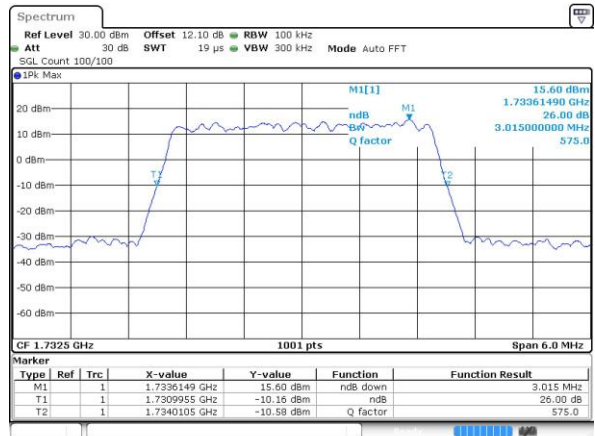
Lowest Channel / 3MHz / 64QAM



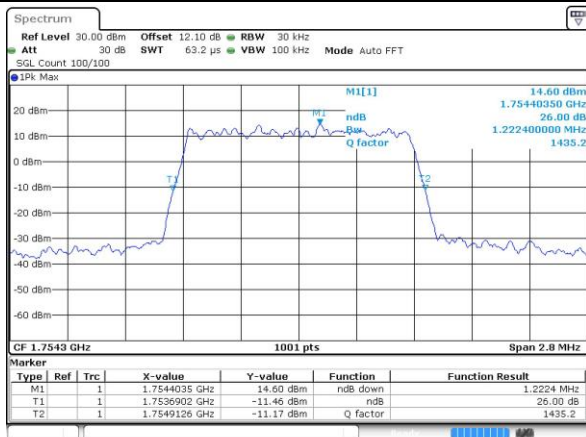
Middle Channel / 1.4MHz / 64QAM



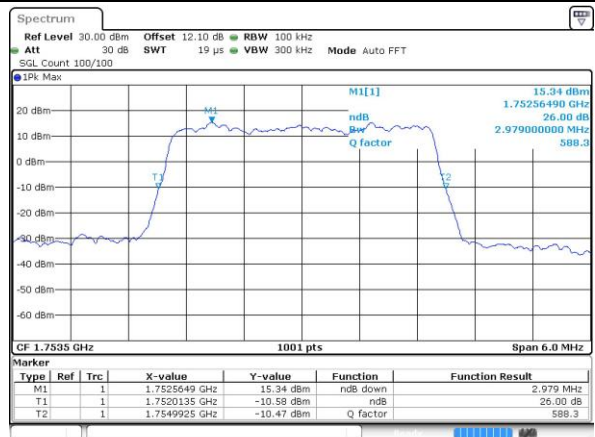
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



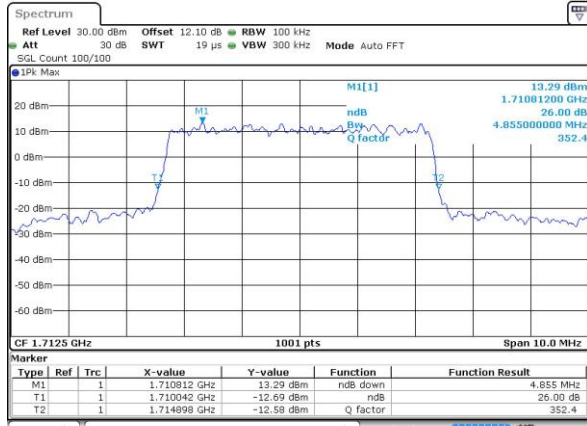
Highest Channel / 3MHz / 64QAM





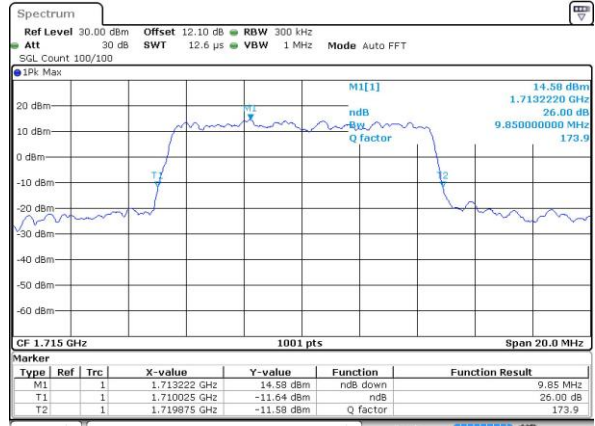
LTE Band 4

Lowest Channel / 5MHz / 64QAM



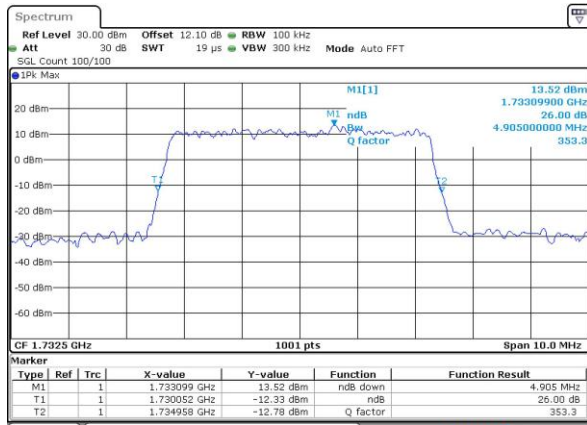
Date: 20.OCT.2018 18:54:28

Lowest Channel / 10MHz / 64QAM



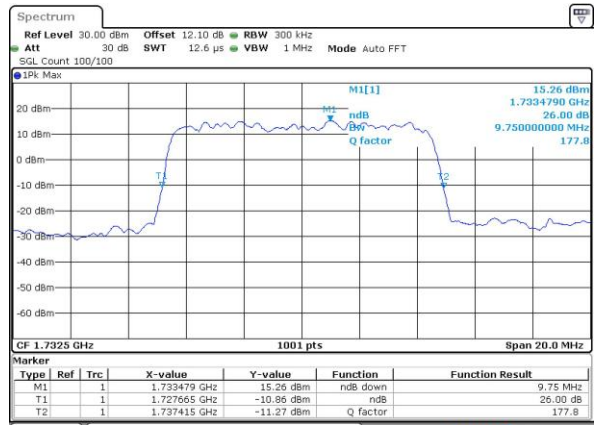
Date: 20.OCT.2018 19:03:11

Middle Channel / 5MHz / 64QAM



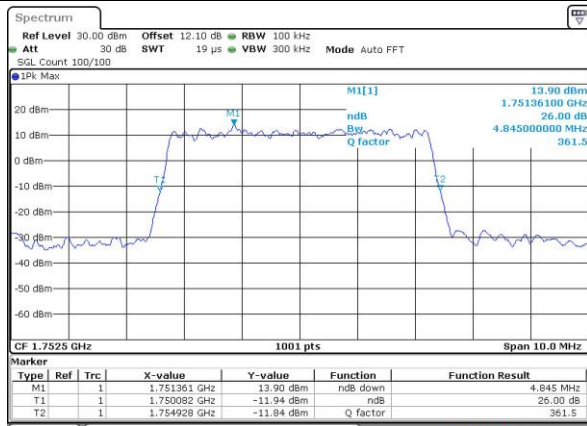
Date: 20.OCT.2018 18:58:08

Middle Channel / 10MHz / 64QAM



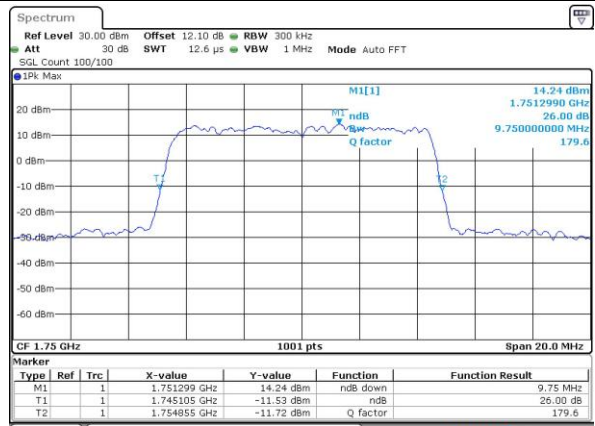
Date: 20.OCT.2018 19:05:51

Highest Channel / 5MHz / 64QAM



Date: 20.OCT.2018 18:59:31

Highest Channel / 10MHz / 64QAM

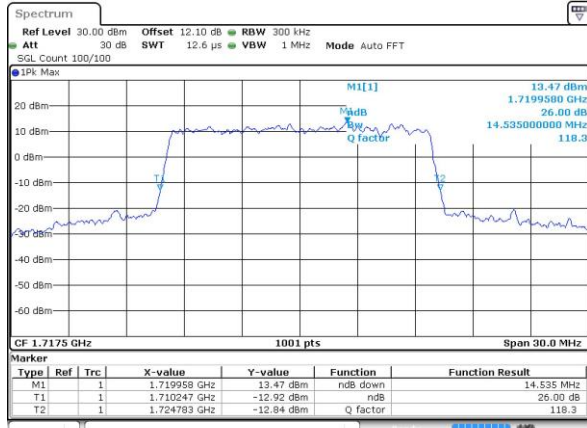


Date: 20.OCT.2018 19:08:14



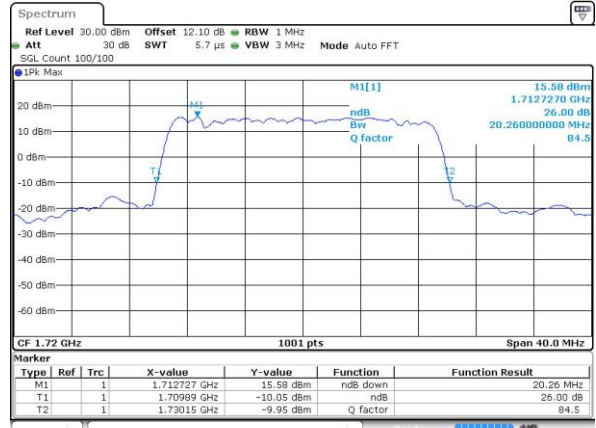
LTE Band 4

Lowest Channel / 15MHz / 64QAM



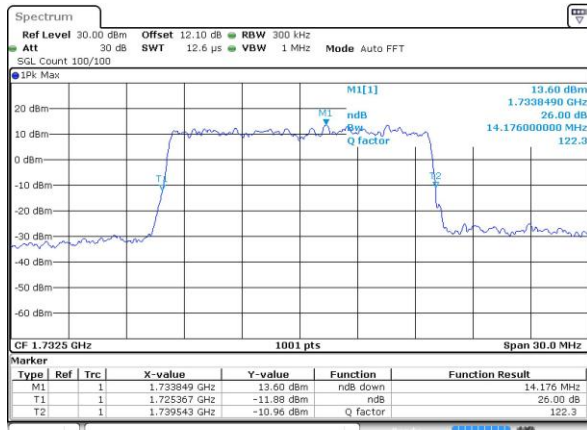
Date: 20.OCT.2018 19:11:54

Lowest Channel / 20MHz / 64QAM



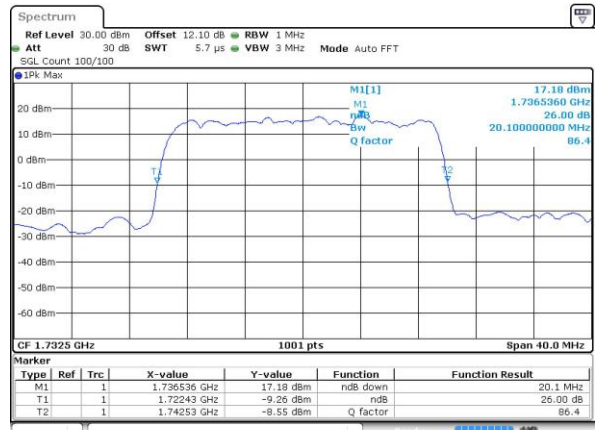
Date: 20.OCT.2018 19:20:37

Middle Channel / 15MHz / 64QAM



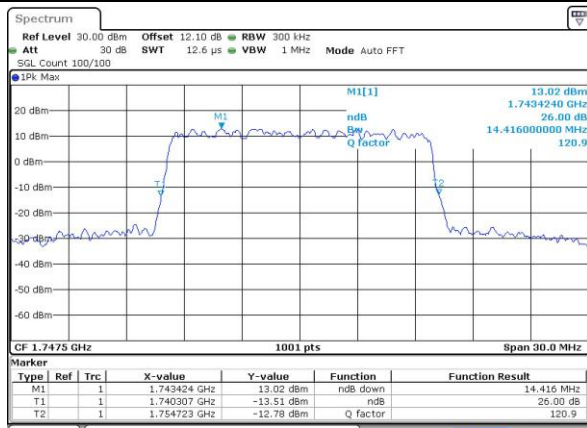
Date: 20.OCT.2018 19:15:34

Middle Channel / 20MHz / 64QAM



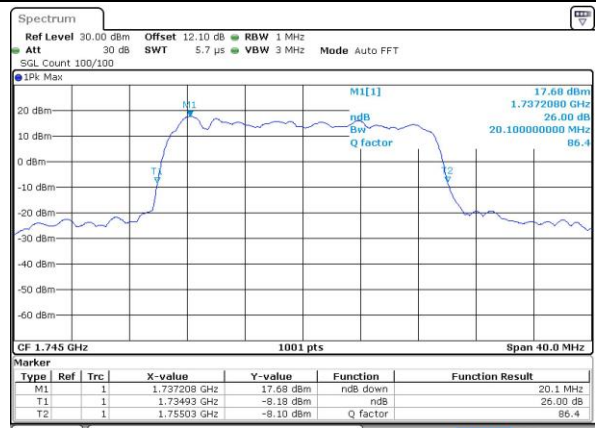
Date: 20.OCT.2018 19:24:17

Highest Channel / 15MHz / 64QAM



Date: 20.OCT.2018 19:16:57

Highest Channel / 20MHz / 64QAM



Date: 20.OCT.2018 19:25:39

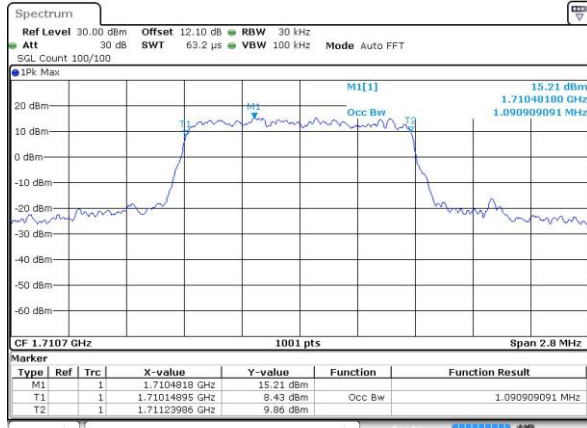
**Occupied Bandwidth**

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	2.75	2.72	4.49	4.47	9.07	9.03	13.46	13.46	18.26	18.38
Middle CH	1.09	1.09	2.7	2.73	4.47	4.48	9.05	8.99	13.46	13.43	18.26	18.14
Highest CH	1.09	1.09	2.7	2.72	4.5	4.5	9.03	9.01	13.43	13.49	18.46	18.42
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	9.03	-	13.43	-	18.42	-
Middle CH	1.09	-	2.72	-	4.51	-	9.03	-	13.49	-	18.38	-
Highest CH	1.09	-	2.72	-	4.50	-	9.05	-	13.40	-	18.26	-

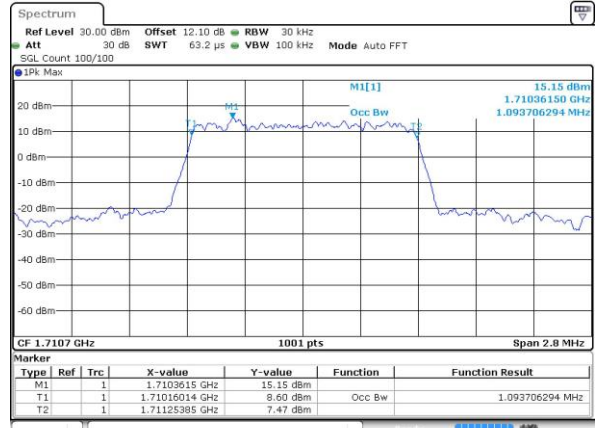


LTE Band 4

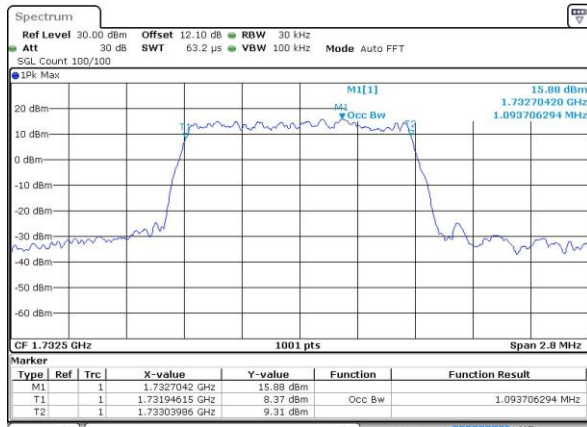
Lowest Channel / 1.4MHz / QPSK



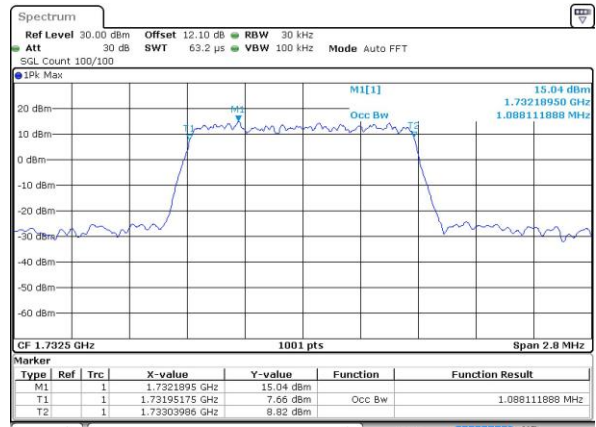
Lowest Channel / 1.4MHz / 16QAM



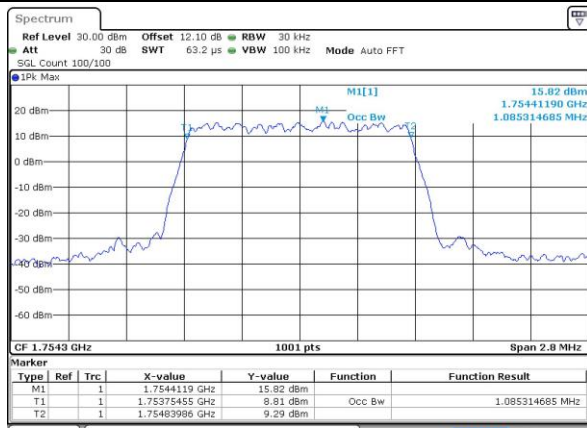
Middle Channel / 1.4MHz / QPSK



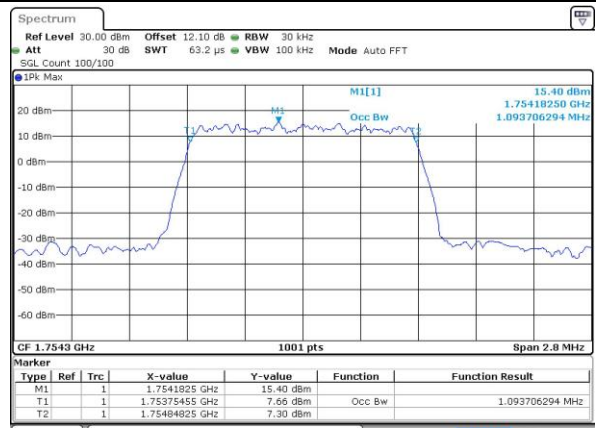
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



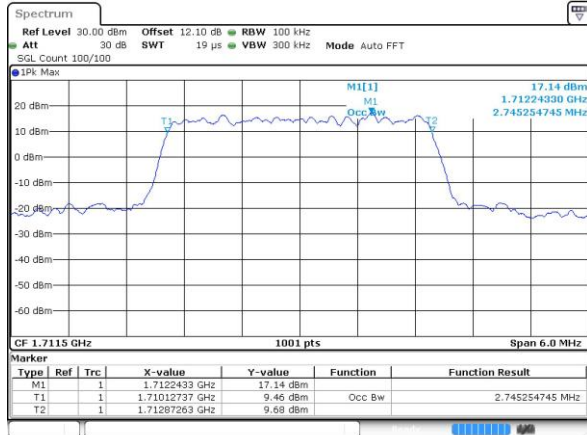
Highest Channel / 1.4MHz / 16QAM



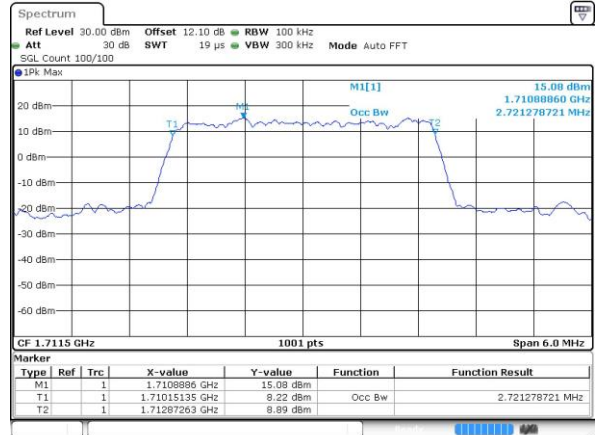


LTE Band 4

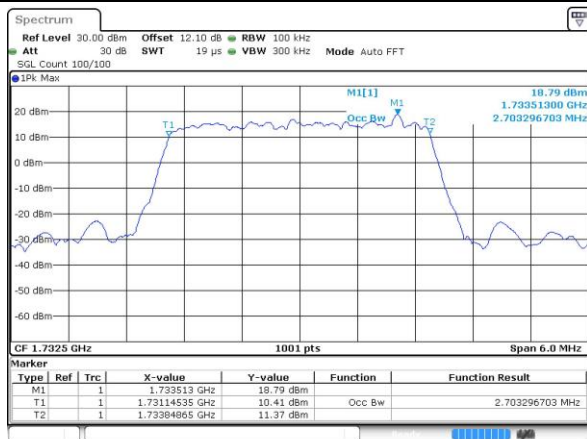
Lowest Channel / 3MHz / QPSK



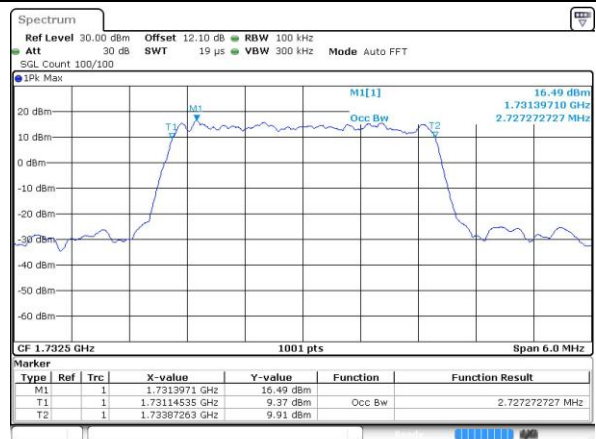
Lowest Channel / 3MHz / 16QAM



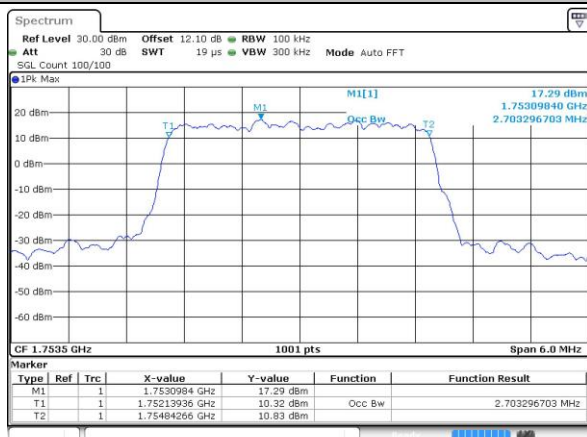
Middle Channel / 3MHz / QPSK



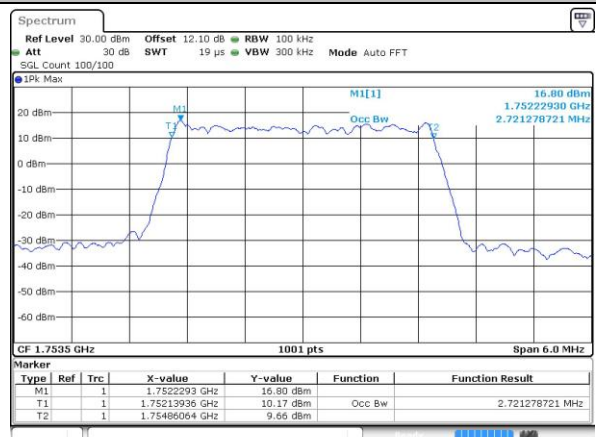
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



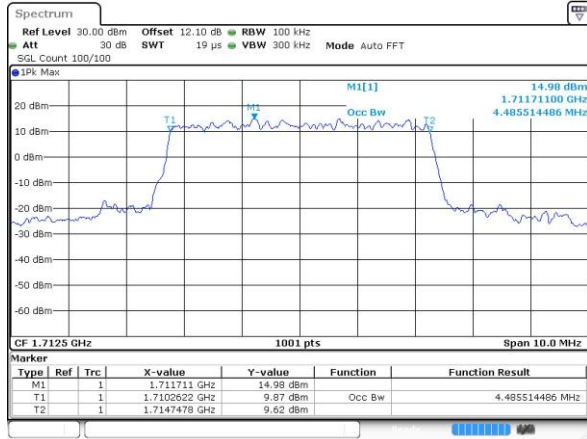
Highest Channel / 3MHz / 16QAM



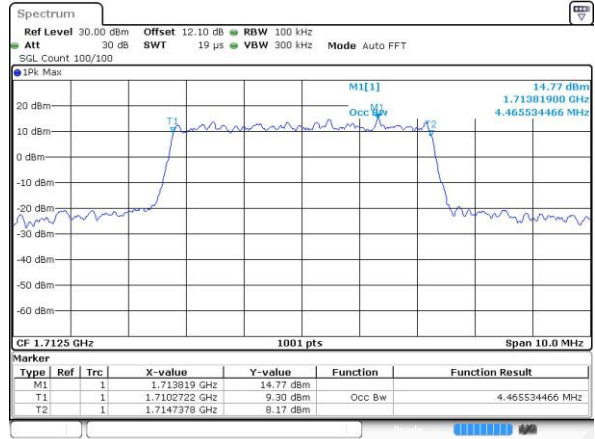


LTE Band 4

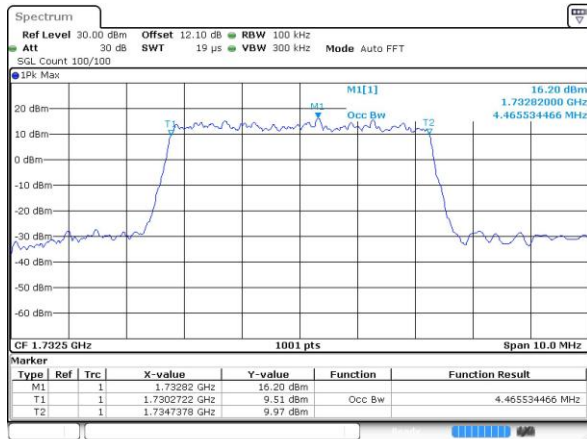
Lowest Channel / 5MHz / QPSK



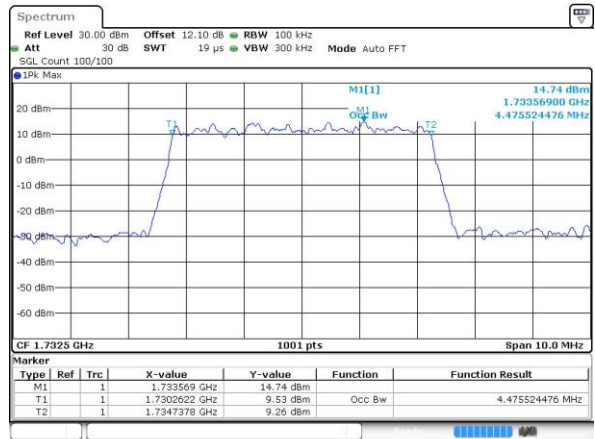
Lowest Channel / 5MHz / 16QAM



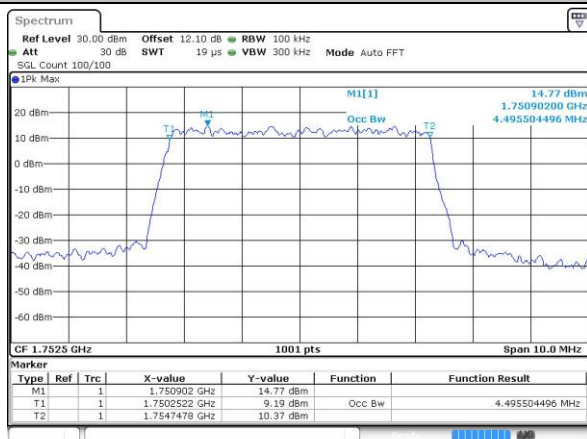
Middle Channel / 5MHz / QPSK



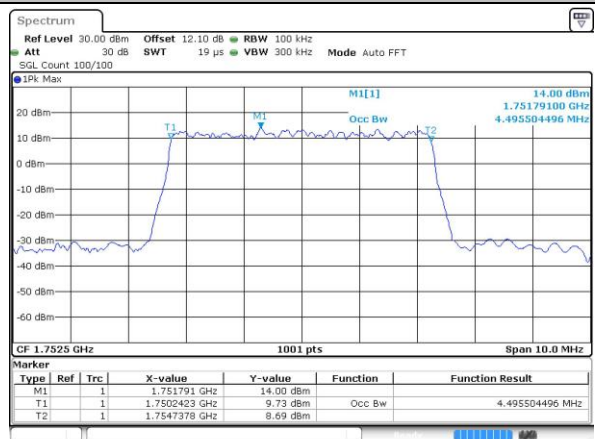
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



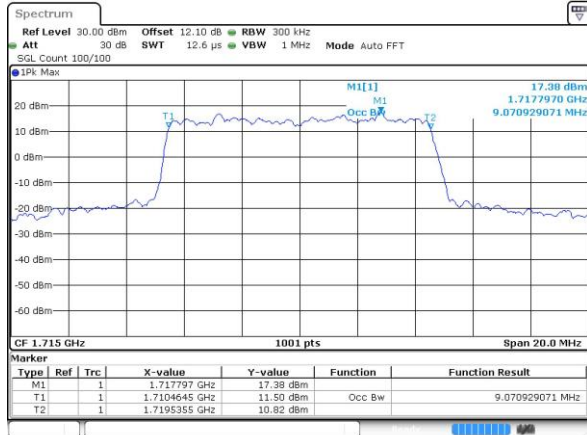
Highest Channel / 5MHz / 16QAM



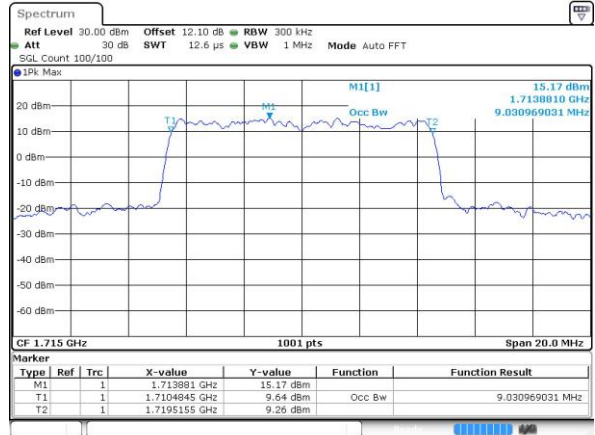


LTE Band 4

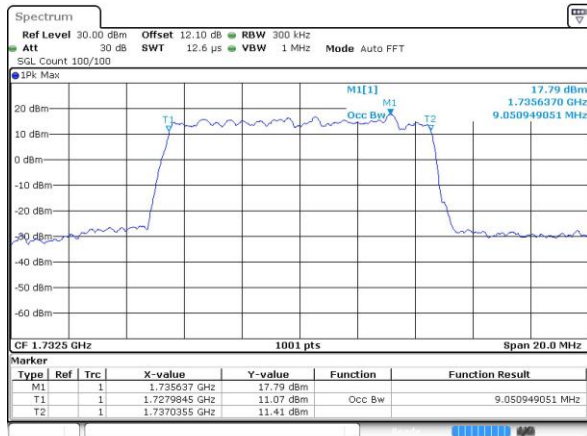
Lowest Channel / 10MHz / QPSK



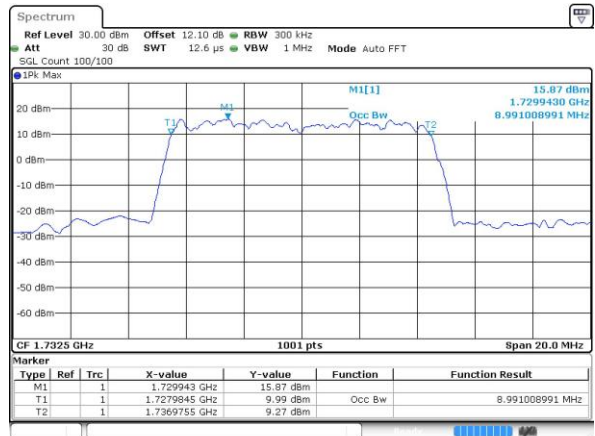
Lowest Channel / 10MHz / 16QAM



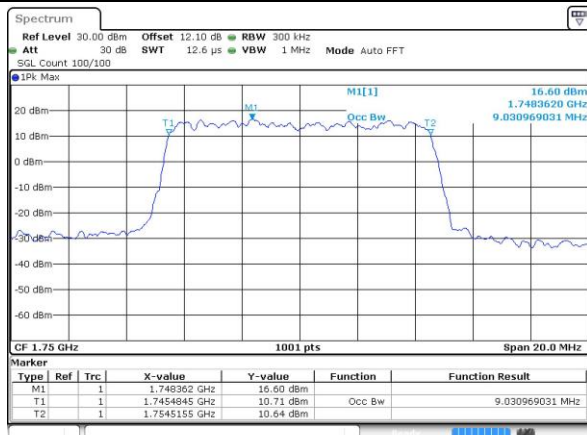
Middle Channel / 10MHz / QPSK



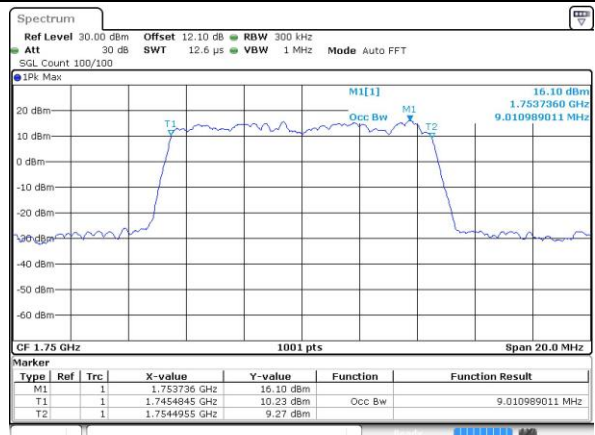
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



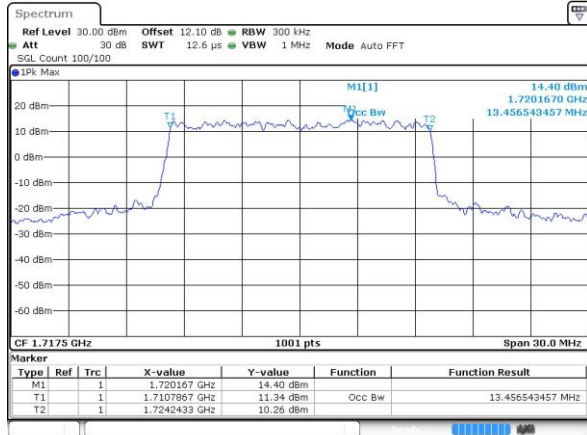
Highest Channel / 10MHz / 16QAM





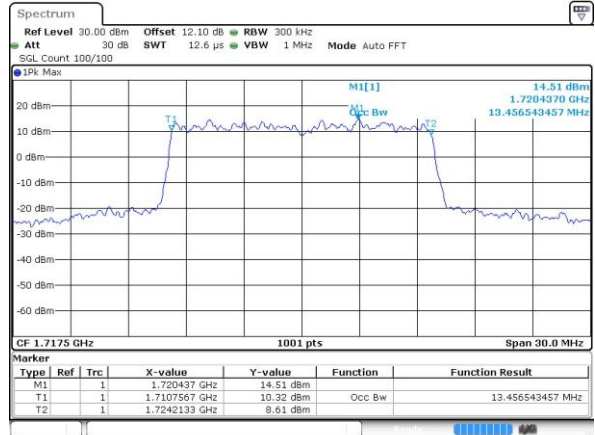
LTE Band 4

Lowest Channel / 15MHz / QPSK



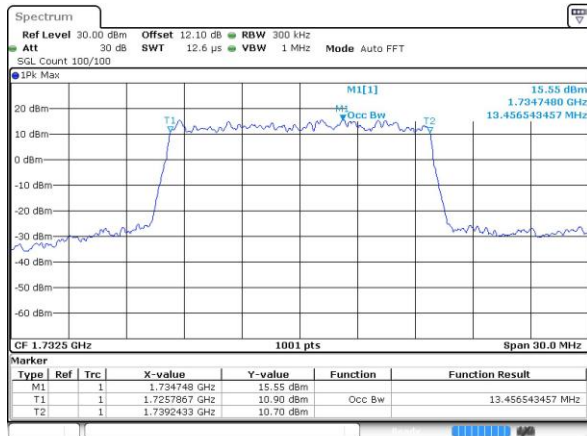
Date: 20 OCT.2018 15:32:49

Lowest Channel / 15MHz / 16QAM



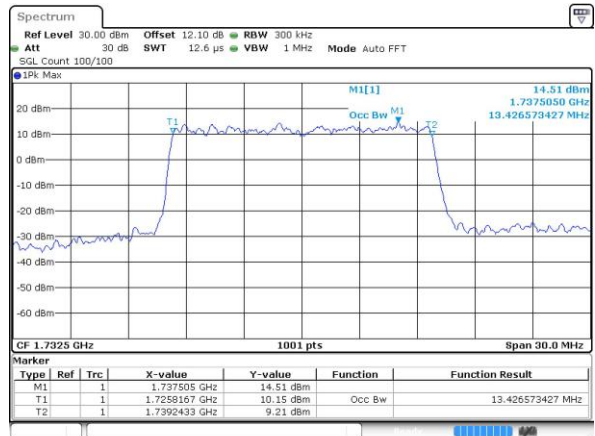
Date: 20 OCT.2018 15:33:00

Middle Channel / 15MHz / QPSK



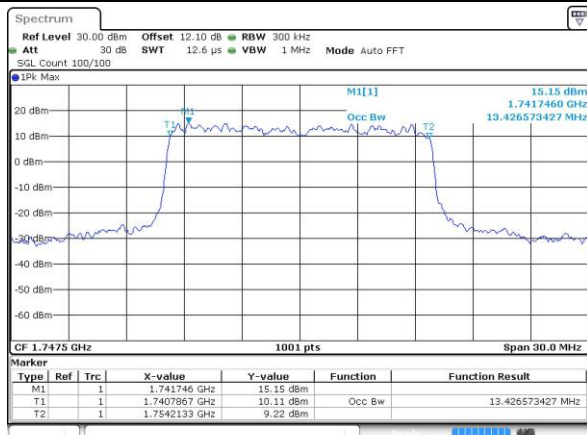
Date: 20 OCT.2018 15:41:29

Middle Channel / 15MHz / 16QAM



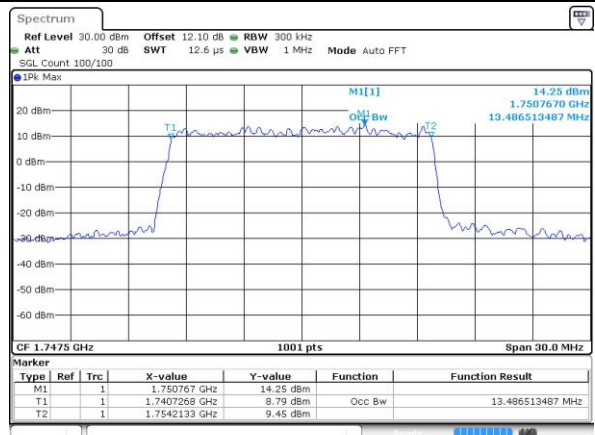
Date: 20 OCT.2018 15:41:40

Highest Channel / 15MHz / QPSK



Date: 20 OCT.2018 15:44:14

Highest Channel / 15MHz / 16QAM

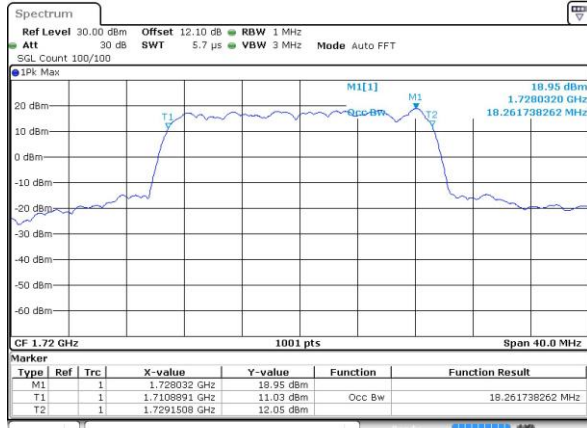


Date: 20 OCT.2018 15:44:25



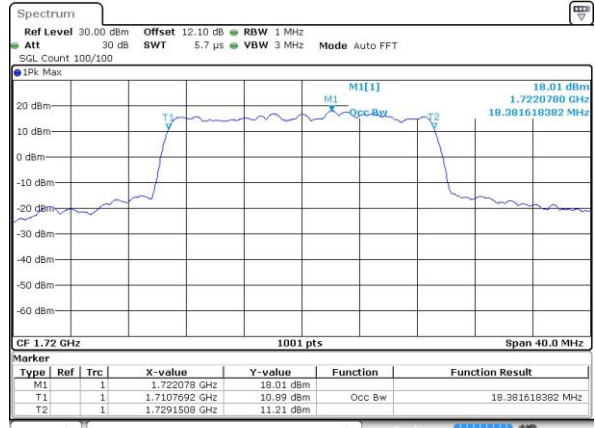
LTE Band 4

Lowest Channel / 20MHz / QPSK



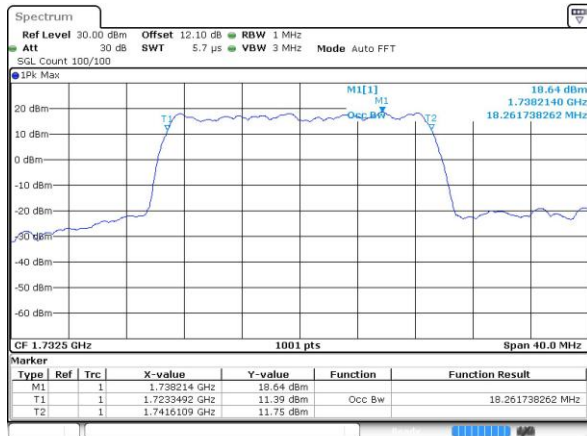
Date: 20.OCT.2018 15:52:54

Lowest Channel / 20MHz / 16QAM



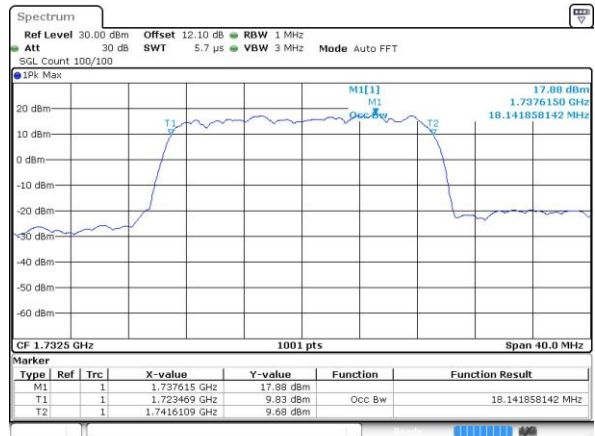
Date: 20.OCT.2018 15:53:05

Middle Channel / 20MHz / QPSK



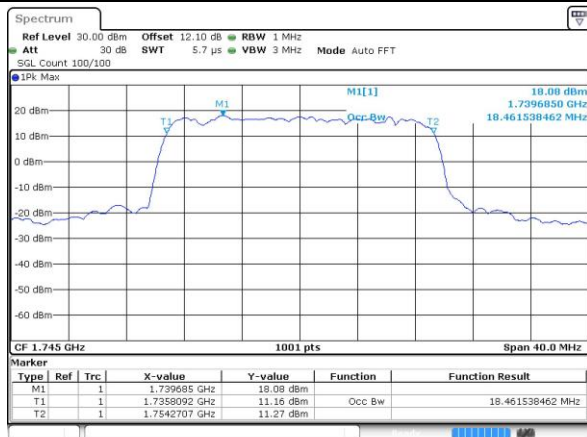
Date: 20.OCT.2018 16:01:33

Middle Channel / 20MHz / 16QAM



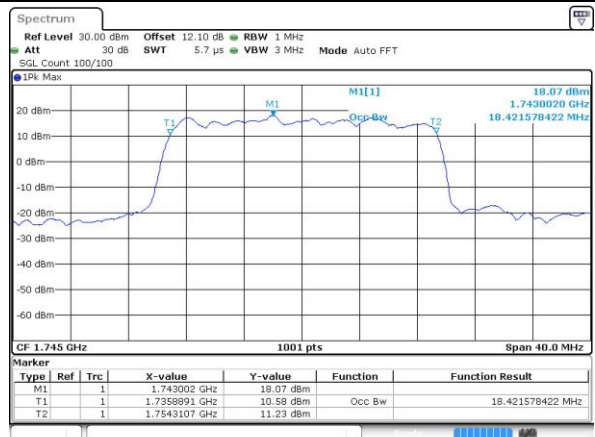
Date: 20.OCT.2018 16:01:44

Highest Channel / 20MHz / QPSK



Date: 20.OCT.2018 16:08:16

Highest Channel / 20MHz / 16QAM

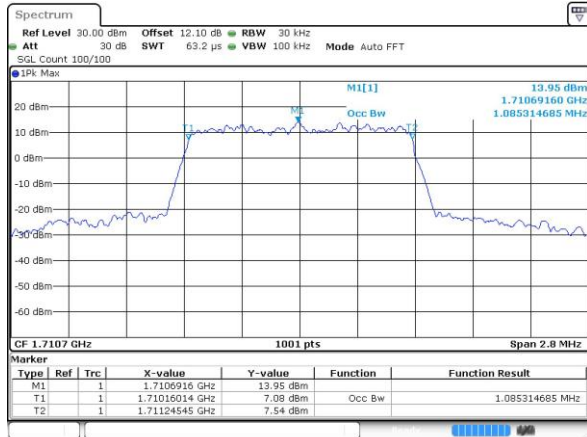


Date: 20.OCT.2018 16:08:27

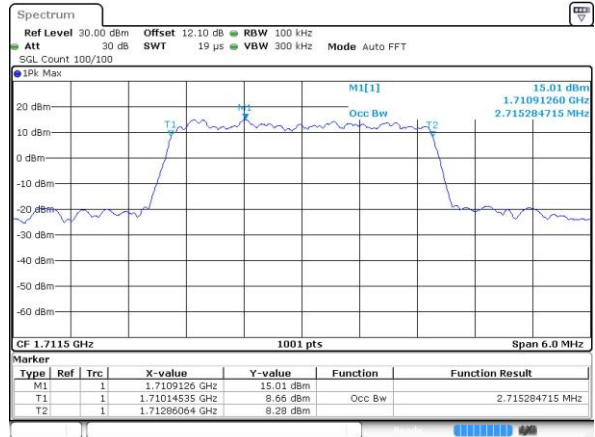


LTE Band 4

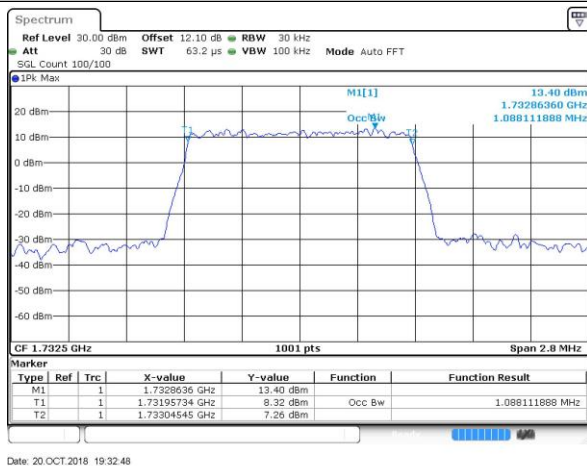
Lowest Channel / 1.4MHz / 64QAM



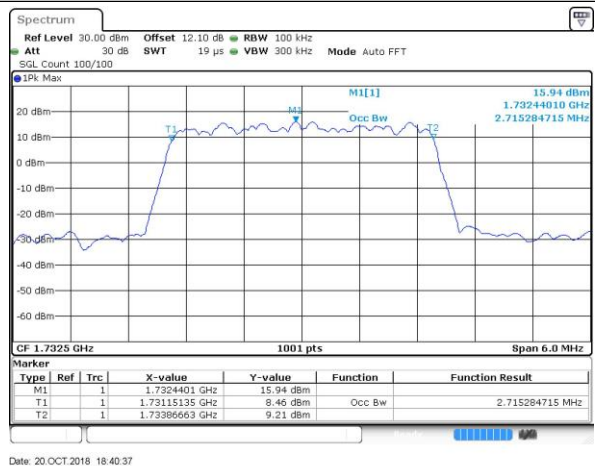
Lowest Channel / 3MHz / 64QAM



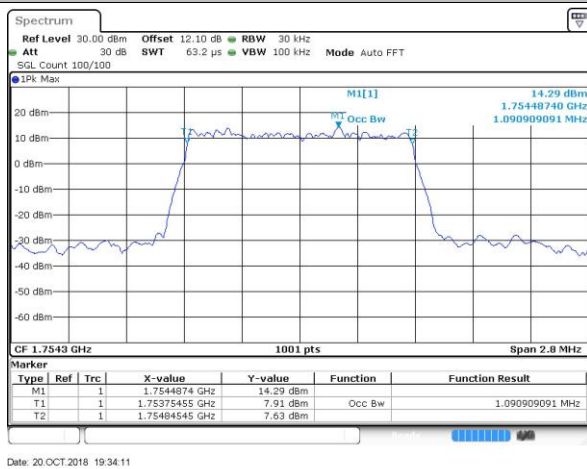
Middle Channel / 1.4MHz / 64QAM



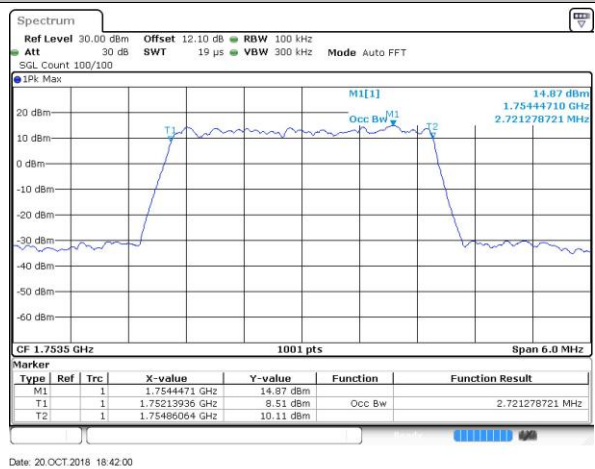
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



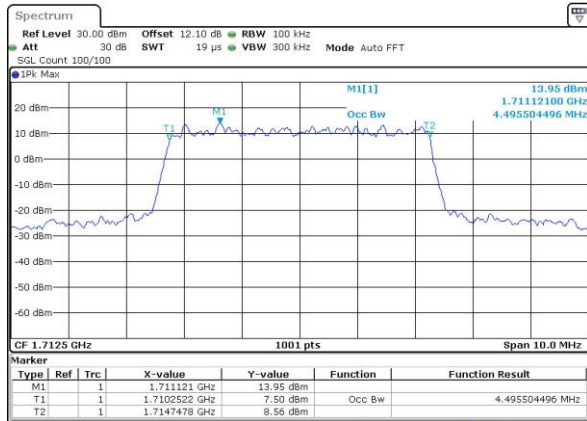
Highest Channel / 3MHz / 64QAM





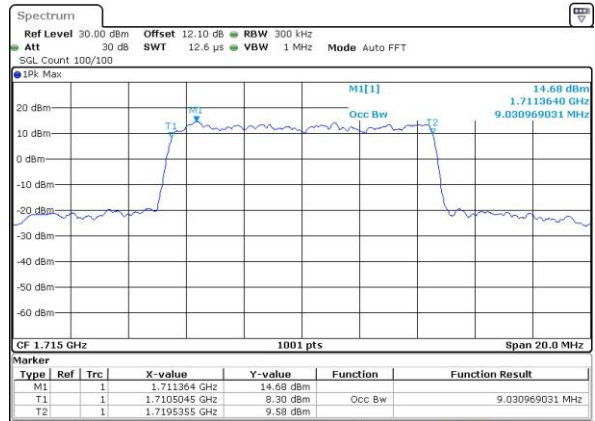
LTE Band 4

Lowest Channel / 5MHz / 64QAM



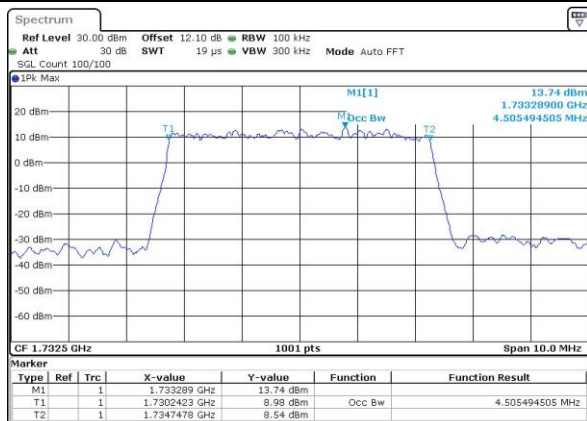
Date: 20 OCT 2018 18:54:17

Lowest Channel / 10MHz / 64QAM



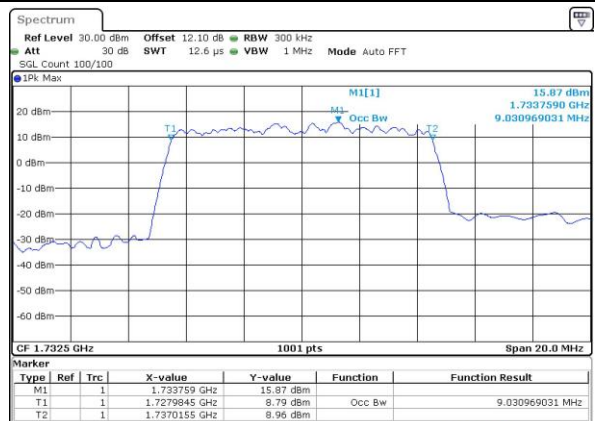
Date: 20 OCT 2018 19:03:00

Middle Channel / 5MHz / 64QAM



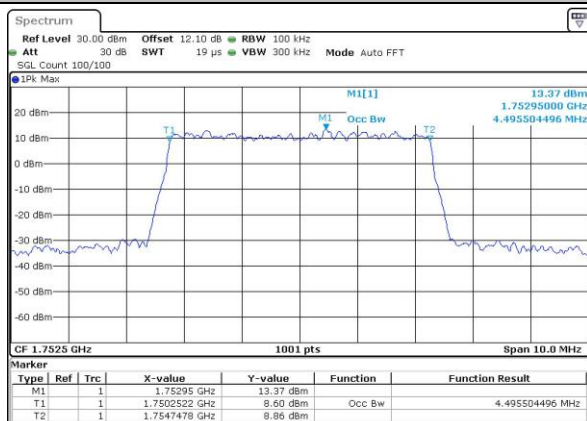
Date: 20 OCT 2018 18:57:57

Middle Channel / 10MHz / 64QAM



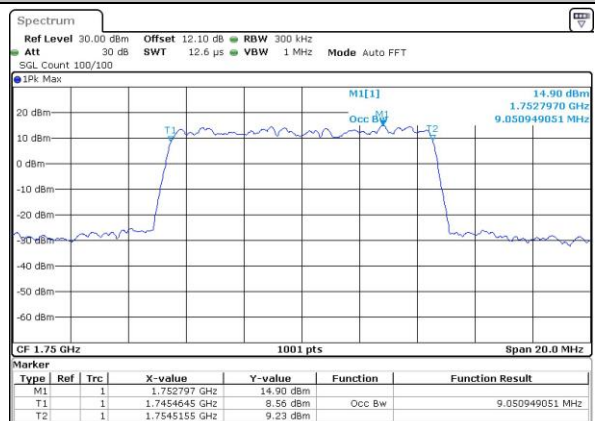
Date: 20 OCT 2018 19:06:40

Highest Channel / 5MHz / 64QAM



Date: 20 OCT 2018 18:59:20

Highest Channel / 10MHz / 64QAM

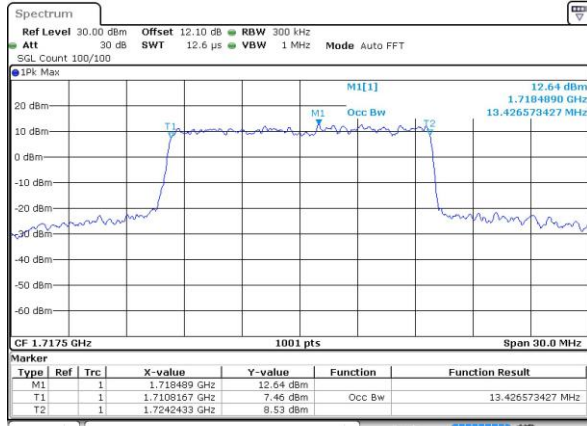


Date: 20 OCT 2018 19:08:03

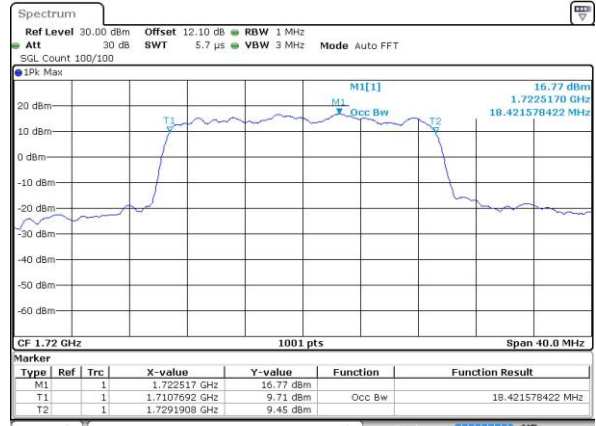


LTE Band 4

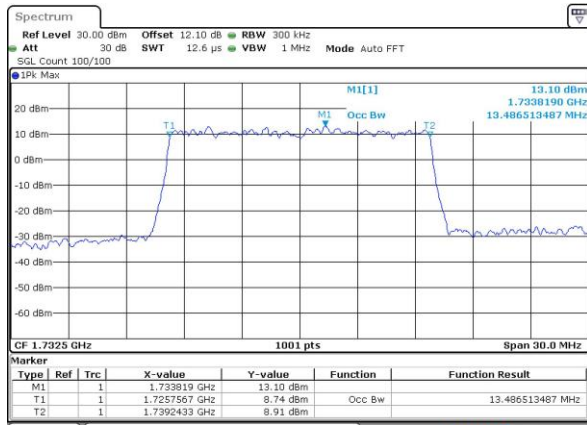
Lowest Channel / 15MHz / 64QAM



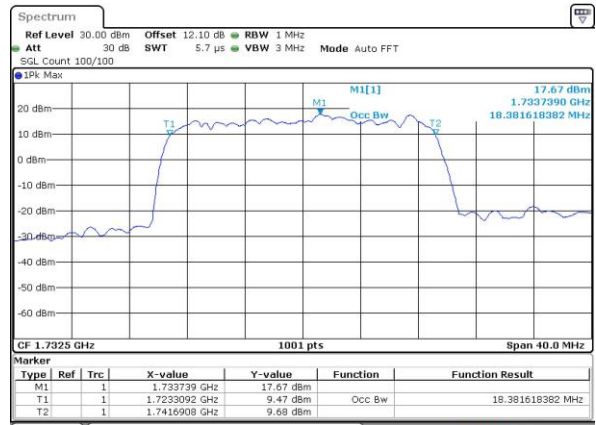
Lowest Channel / 20MHz / 64QAM



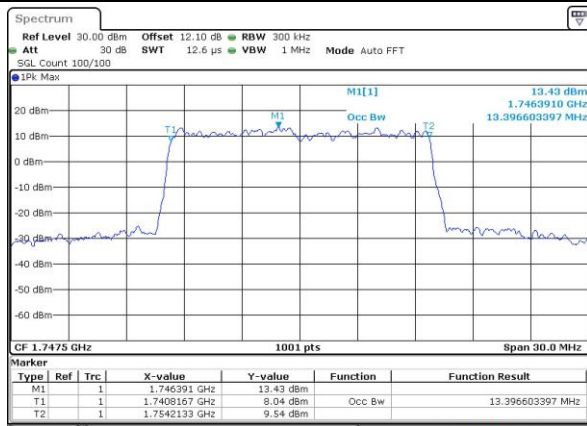
Middle Channel / 15MHz / 64QAM



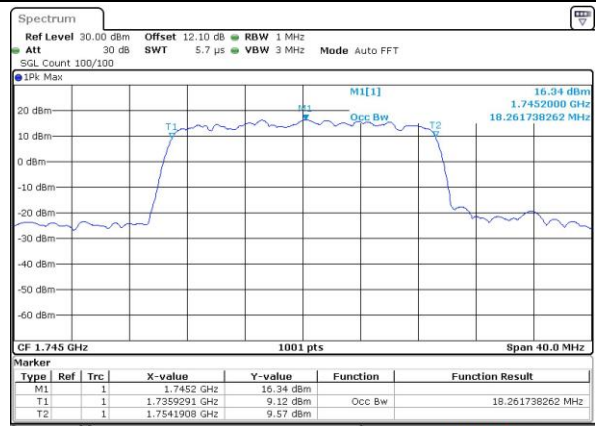
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



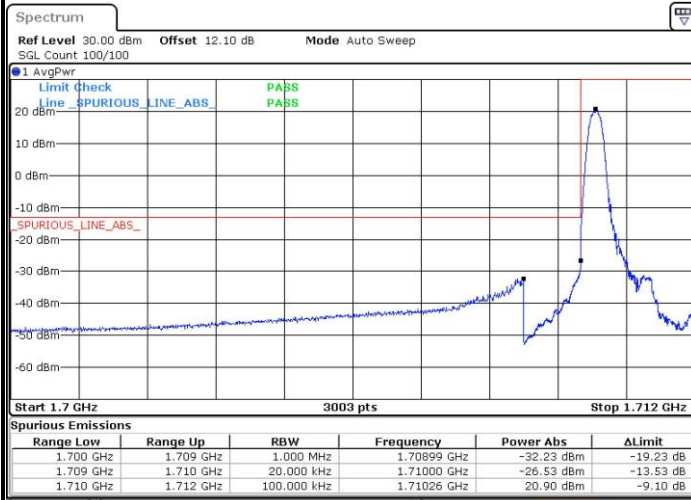


Conducted Band Edge



LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



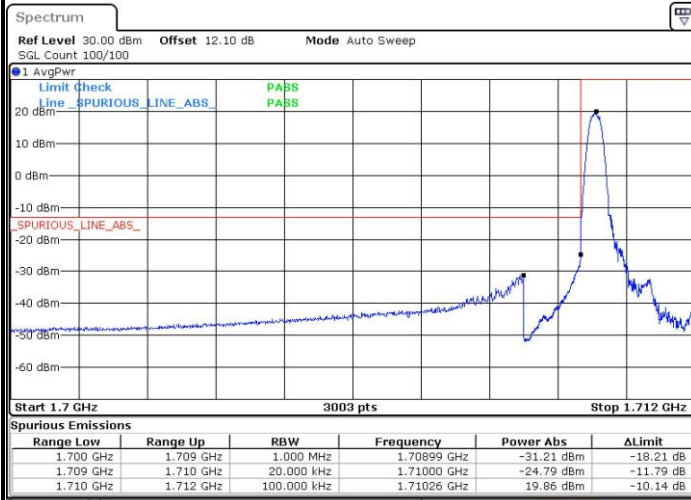
Highest Band Edge / Full RB



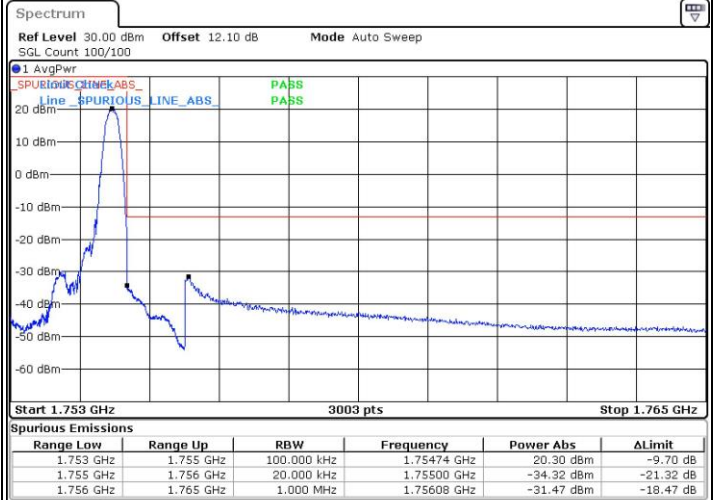


LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



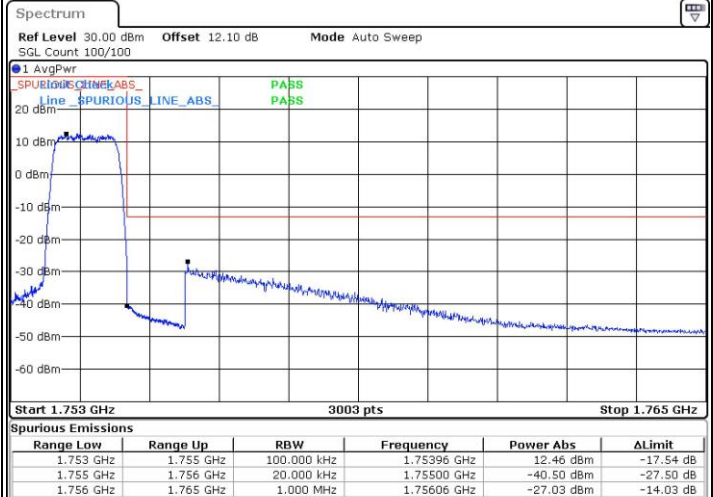
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



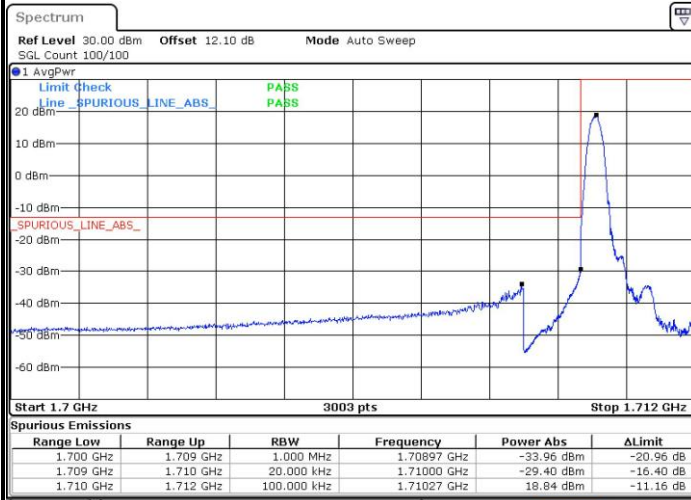
Highest Band Edge / Full RB





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

