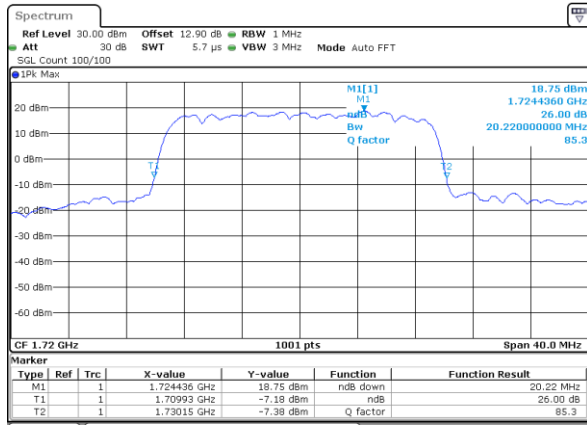




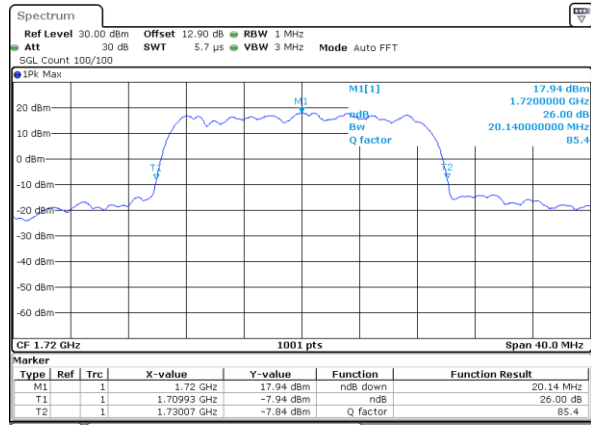
LTE Band 4

Lowest Channel / 20MHz / QPSK



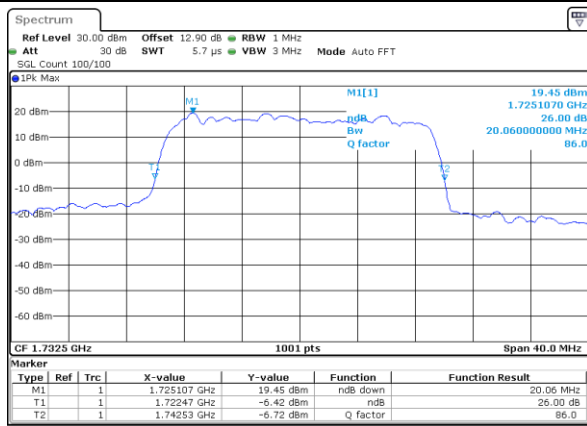
Date: 9,JAN,2018 22:16:45

Lowest Channel / 20MHz / 16QAM



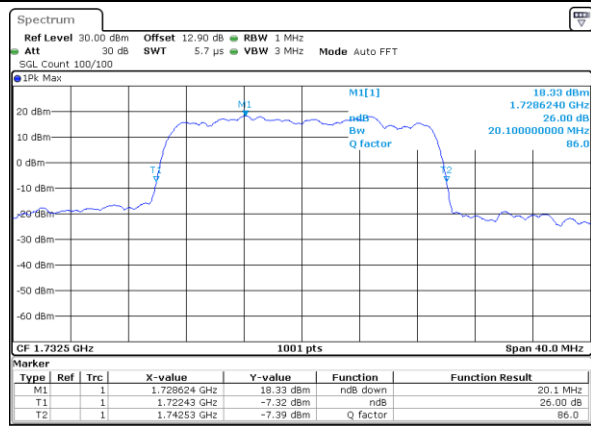
Date: 9,JAN,2018 22:16:56

Middle Channel / 20MHz / QPSK



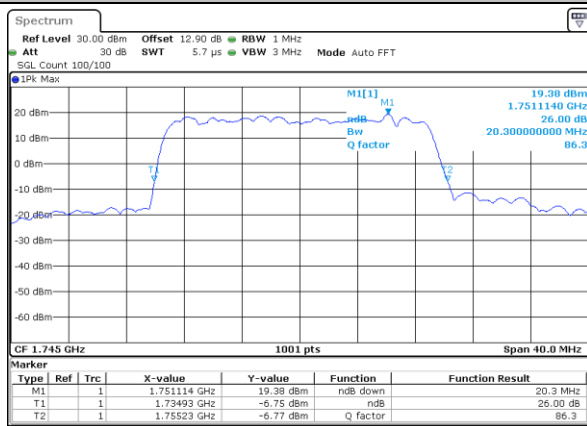
Date: 9,JAN,2018 22:23:57

Middle Channel / 20MHz / 16QAM



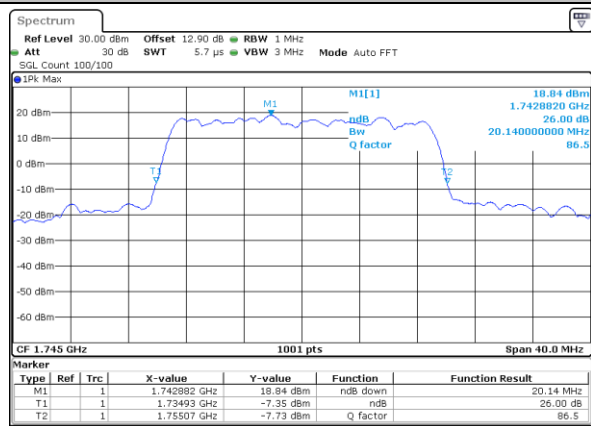
Date: 9,JAN,2018 22:24:09

Highest Channel / 20MHz / QPSK



Date: 9,JAN,2018 22:26:35

Highest Channel / 20MHz / 16QAM

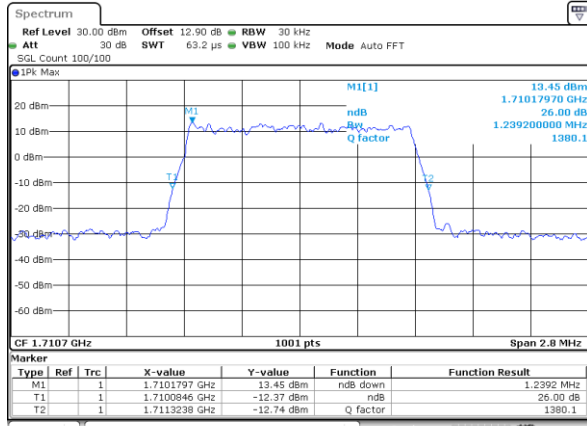


Date: 9,JAN,2018 22:26:46



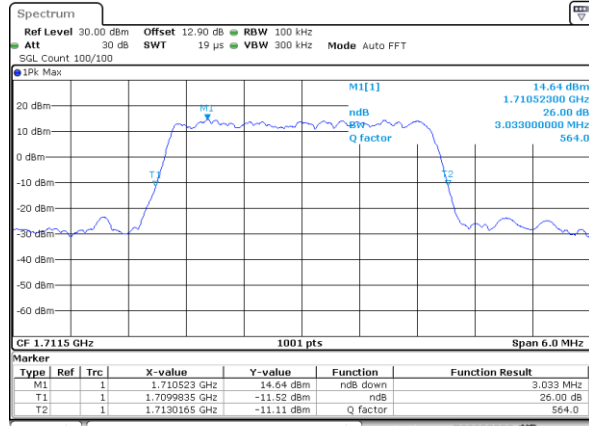
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



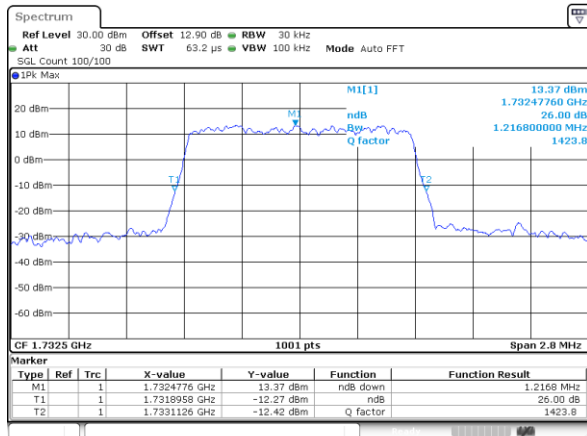
Date: 1.FEB.2018 22:50:49

Lowest Channel / 3MHz / 64QAM



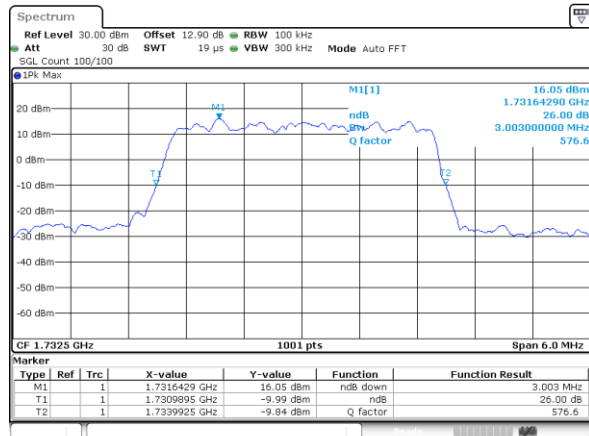
Date: 1.FEB.2018 22:07:51

Middle Channel / 1.4MHz / 64QAM



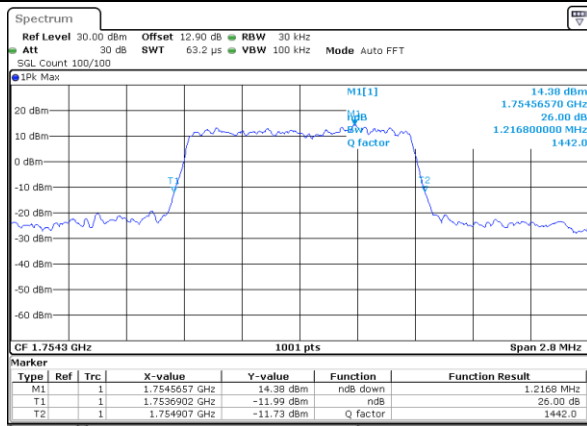
Date: 1.FEB.2018 22:54:27

Middle Channel / 3MHz / 64QAM



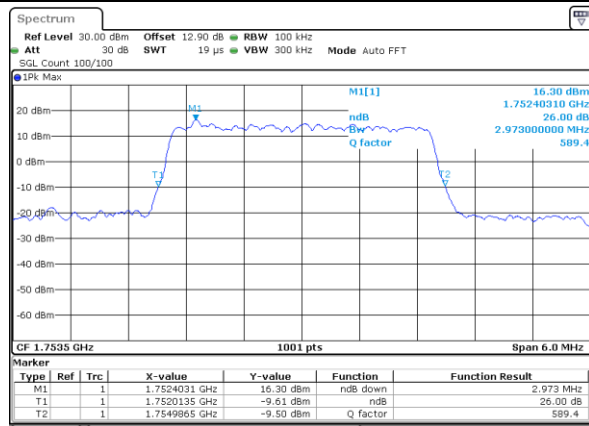
Date: 1.FEB.2018 22:11:29

Highest Channel / 1.4MHz / 64QAM



Date: 1.FEB.2018 22:55:47

Highest Channel / 3MHz / 64QAM

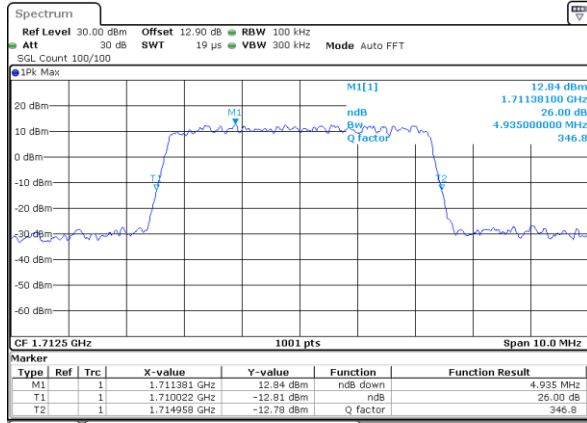


Date: 1.FEB.2018 22:12:49



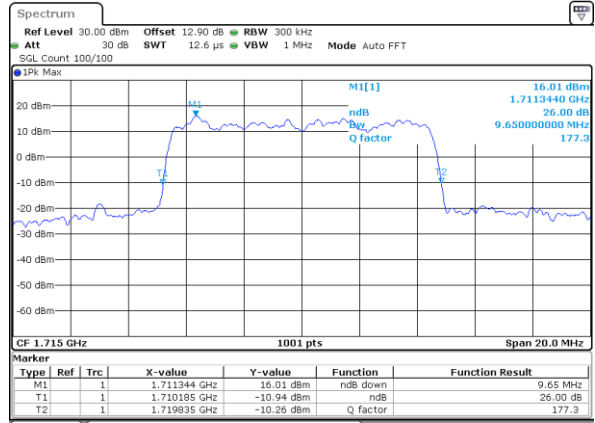
LTE Band 4

Lowest Channel / 5MHz / 64QAM



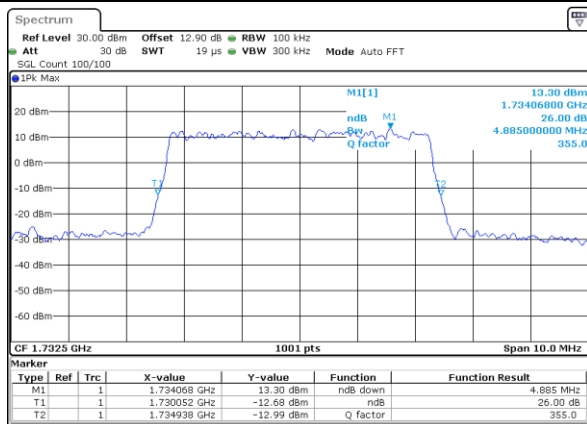
Date: 1.FEB.2018 22:16:27

Lowest Channel / 10MHz / 64QAM



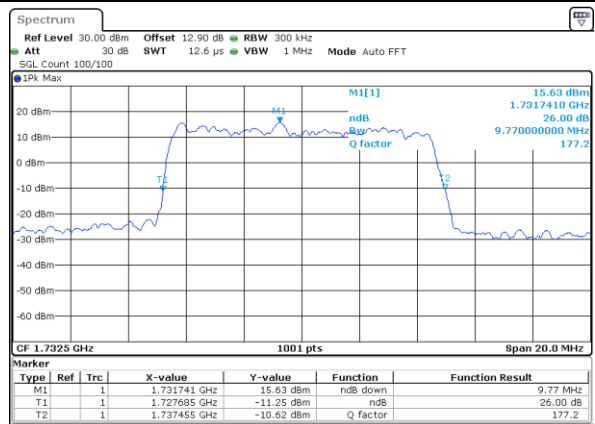
Date: 1.FEB.2018 22:25:02

Middle Channel / 5MHz / 64QAM



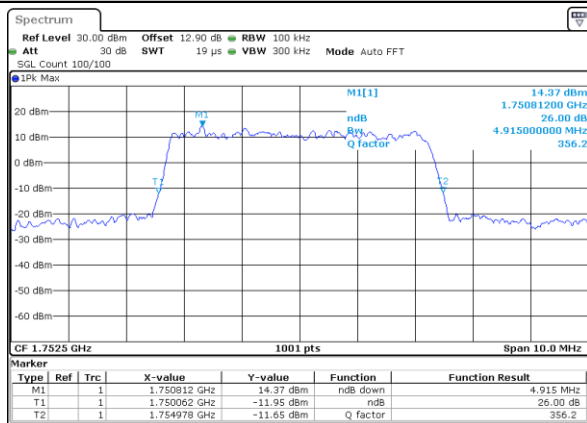
Date: 1.FEB.2018 22:20:05

Middle Channel / 10MHz / 64QAM



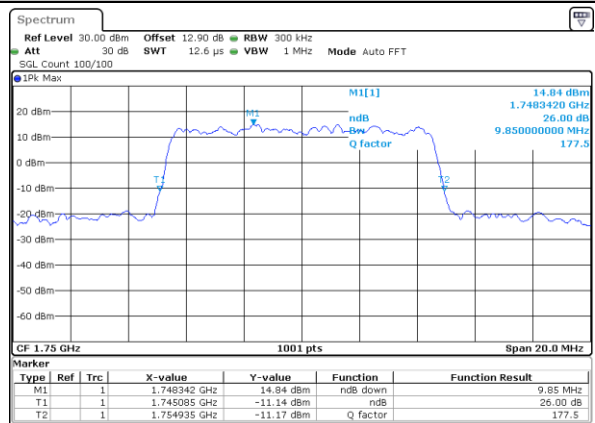
Date: 1.FEB.2018 22:28:40

Highest Channel / 5MHz / 64QAM



Date: 1.FEB.2018 22:21:25

Highest Channel / 10MHz / 64QAM

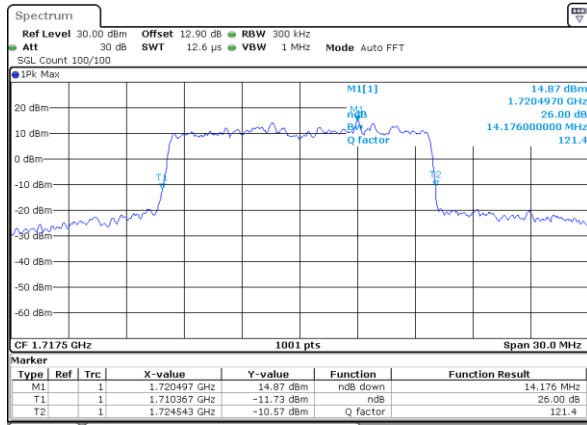


Date: 1.FEB.2018 22:30:00

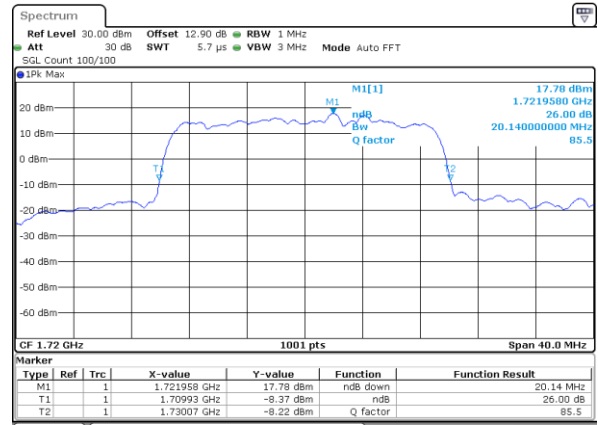


LTE Band 4

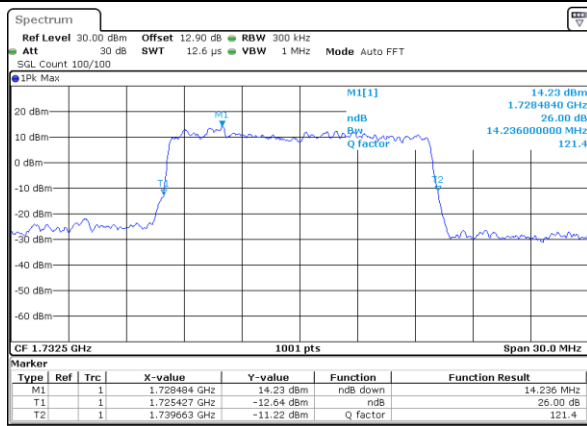
Lowest Channel / 15MHz / 64QAM



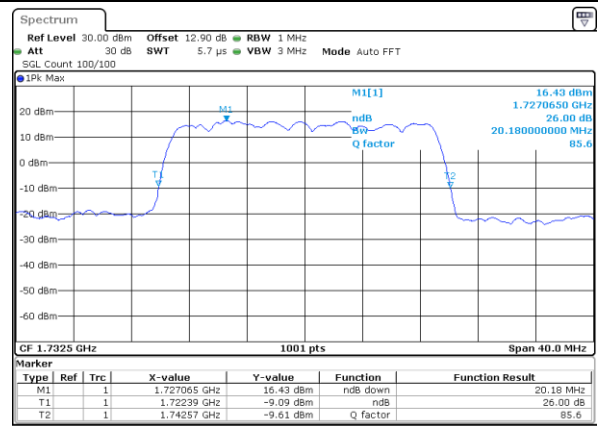
Lowest Channel / 20MHz / 64QAM



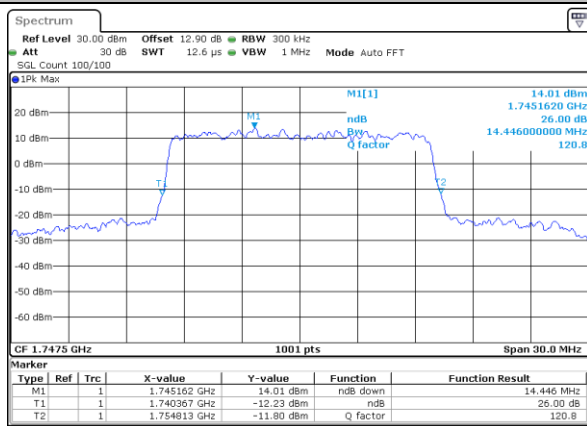
Middle Channel / 15MHz / 64QAM



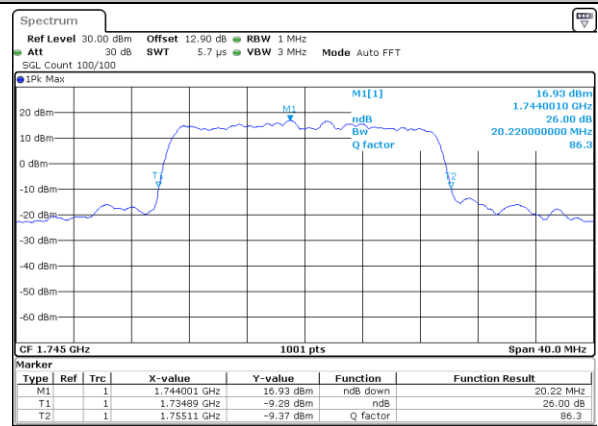
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



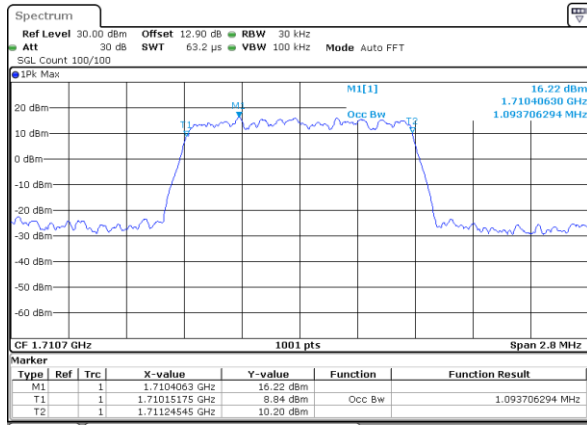
**Occupied Bandwidth**

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	2.70	2.72	4.47	4.49	8.97	8.99	13.49	13.40	18.30	18.26
Middle CH	1.09	1.09	2.70	2.70	4.48	4.51	9.05	9.03	13.43	13.40	18.34	18.38
Highest CH	1.09	1.10	2.73	2.73	4.51	4.49	9.05	9.09	13.43	13.46	18.46	18.38
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10	-	2.73	-	4.50	-	8.99	-	13.37	-	18.38	-
Middle CH	1.09	-	2.71	-	4.50	-	9.05	-	13.40	-	18.38	-
Highest CH	1.09	-	2.73	-	4.49	-	9.03	-	13.43	-	18.34	-



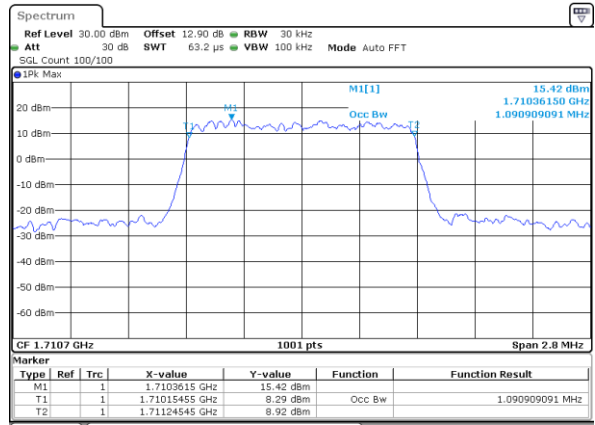
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



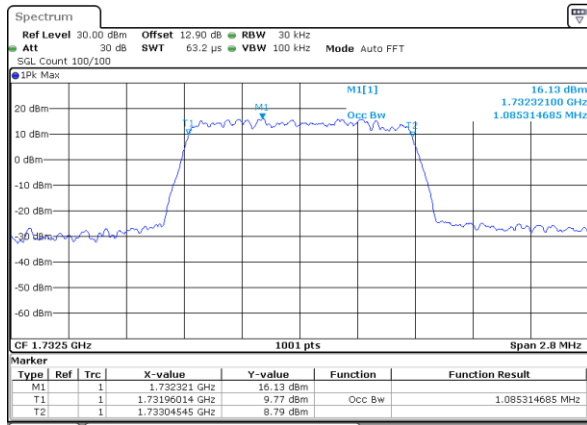
Date: 9,JAN,2018 22:33:25

Lowest Channel / 1.4MHz / 16QAM



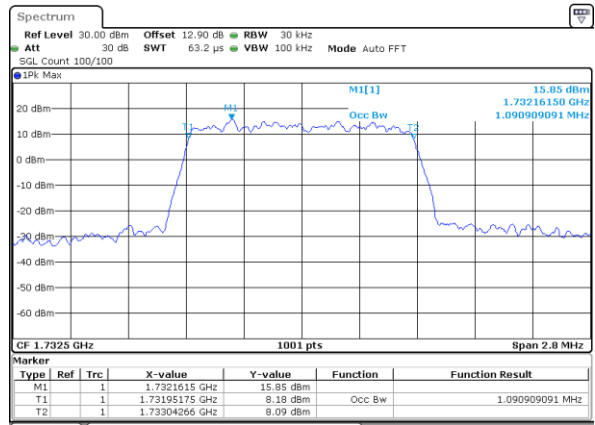
Date: 9,JAN,2018 22:33:36

Middle Channel / 1.4MHz / QPSK



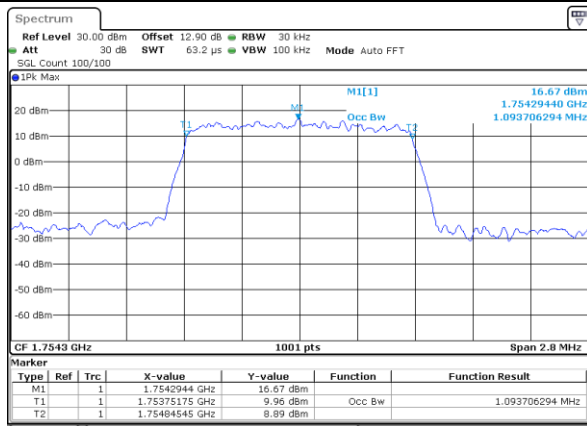
Date: 9,JAN,2018 22:40:37

Middle Channel / 1.4MHz / 16QAM



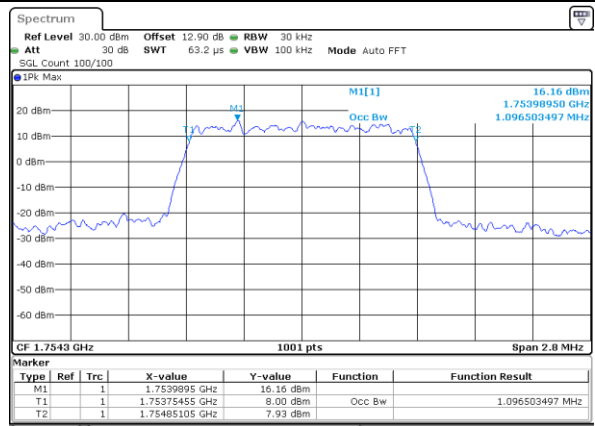
Date: 9,JAN,2018 22:40:49

Highest Channel / 1.4MHz / QPSK



Date: 9,JAN,2018 22:43:15

Highest Channel / 1.4MHz / 16QAM

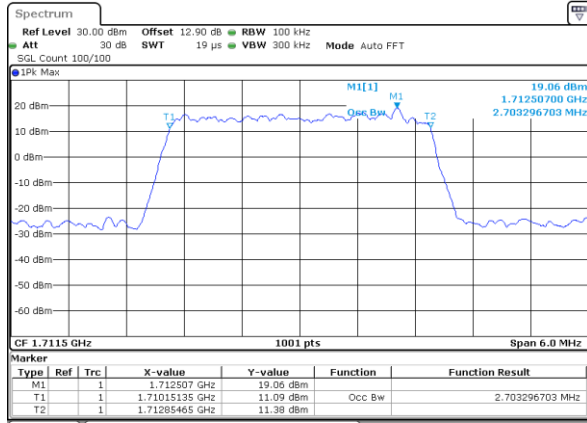


Date: 9,JAN,2018 22:43:26



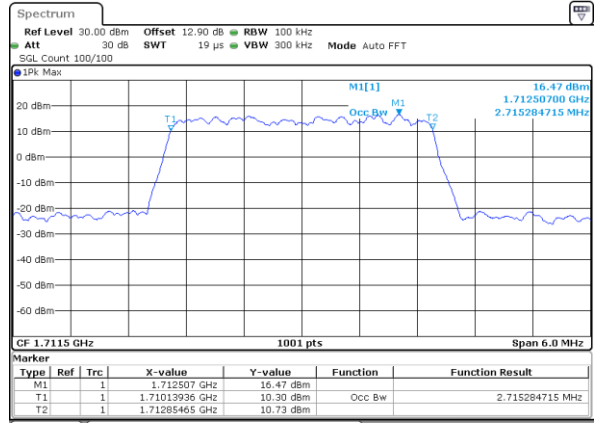
LTE Band 4

Lowest Channel / 3MHz / QPSK



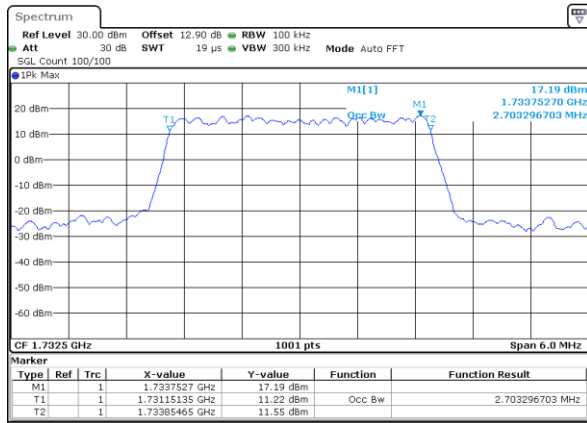
Date: 9,JAN,2018 20:42:28

Lowest Channel / 3MHz / 16QAM



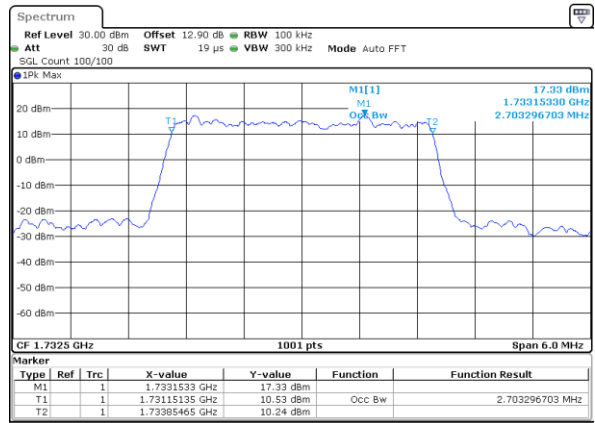
Date: 9,JAN,2018 20:42:40

Middle Channel / 3MHz / QPSK



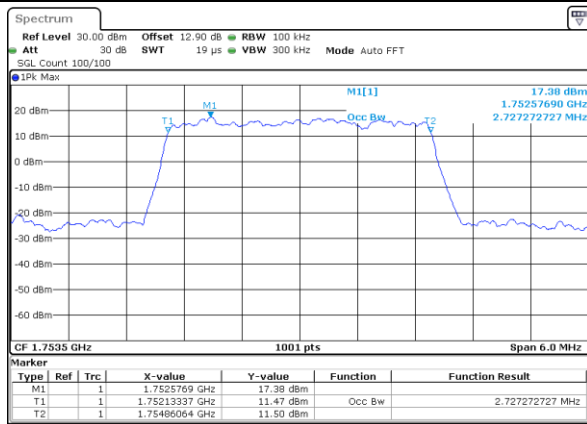
Date: 9,JAN,2018 20:49:41

Middle Channel / 3MHz / 16QAM



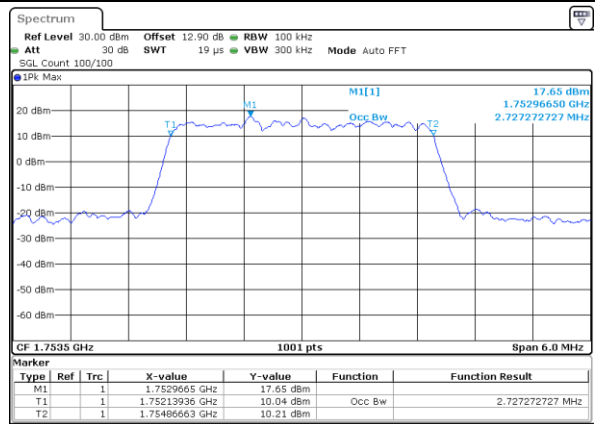
Date: 9,JAN,2018 20:49:53

Highest Channel / 3MHz / QPSK

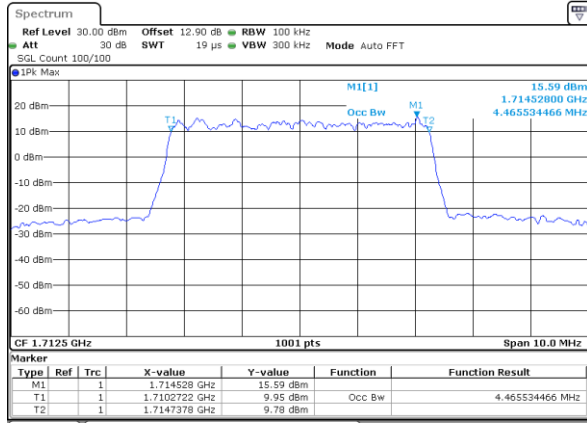


Date: 9,JAN,2018 20:52:19

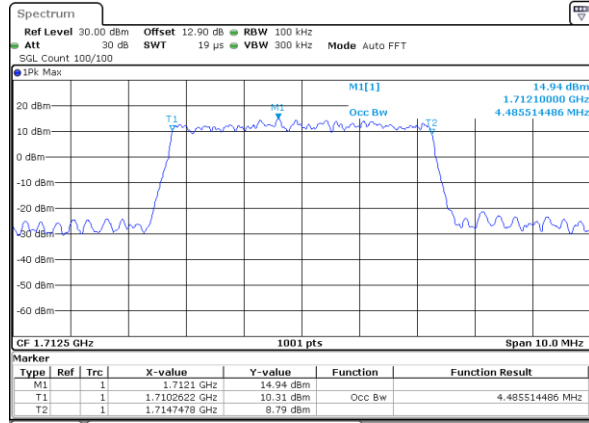
Highest Channel / 3MHz / 16QAM



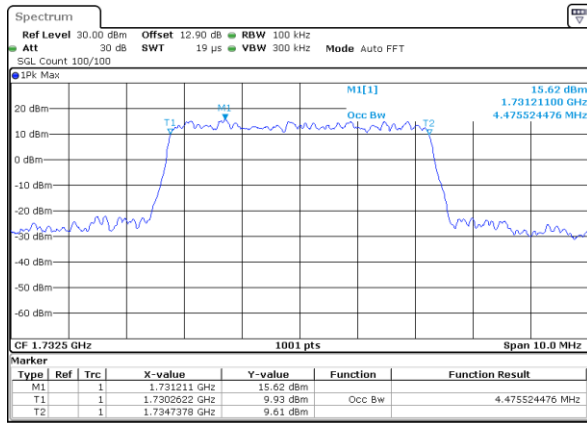
Date: 9,JAN,2018 20:52:30

LTE Band 4
Lowest Channel / 5MHz / QPSK


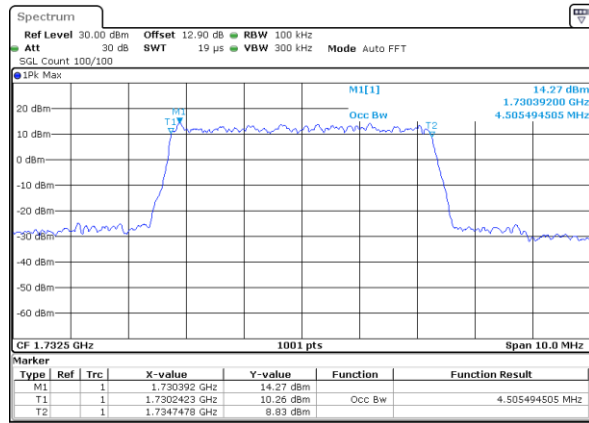
Date: 9,JAN,2018 20:59:31

Lowest Channel / 5MHz / 16QAM


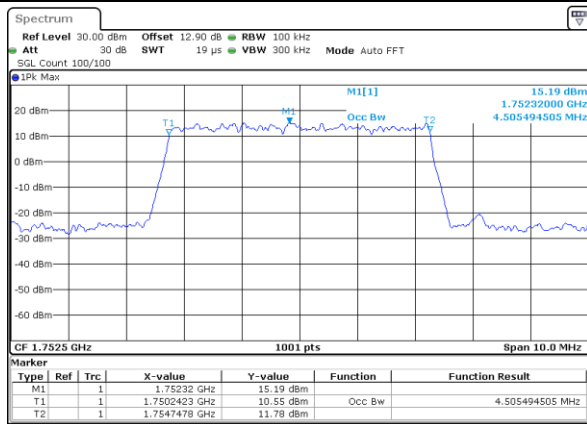
Date: 9,JAN,2018 20:59:42

Middle Channel / 5MHz / QPSK


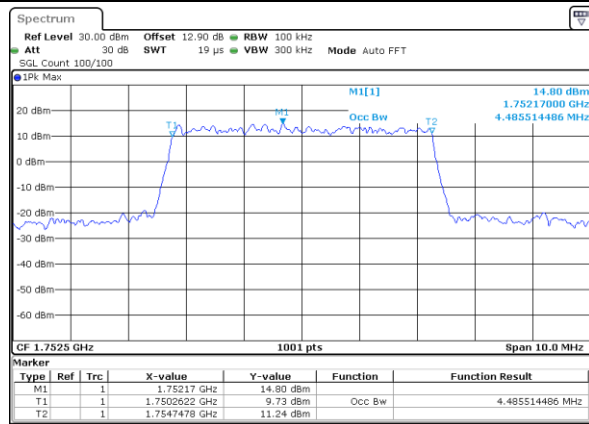
Date: 9,JAN,2018 21:06:44

Middle Channel / 5MHz / 16QAM


Date: 9,JAN,2018 21:06:55

Highest Channel / 5MHz / QPSK


Date: 9,JAN,2018 21:09:21

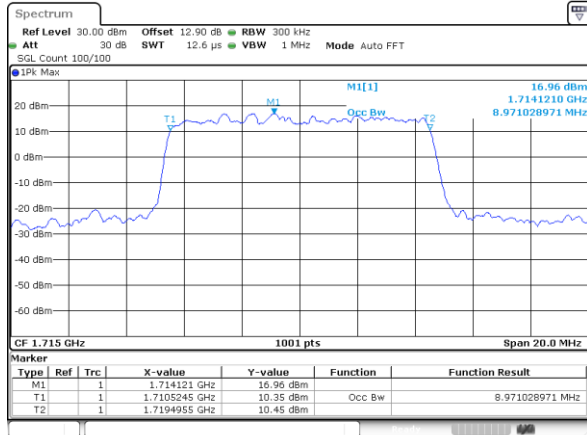
Highest Channel / 5MHz / 16QAM


Date: 9,JAN,2018 21:09:33



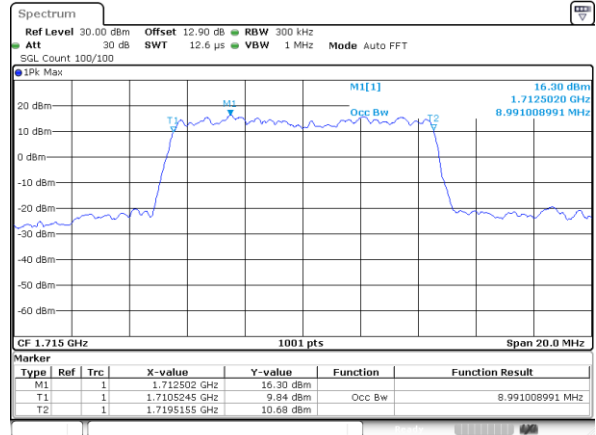
LTE Band 4

Lowest Channel / 10MHz / QPSK



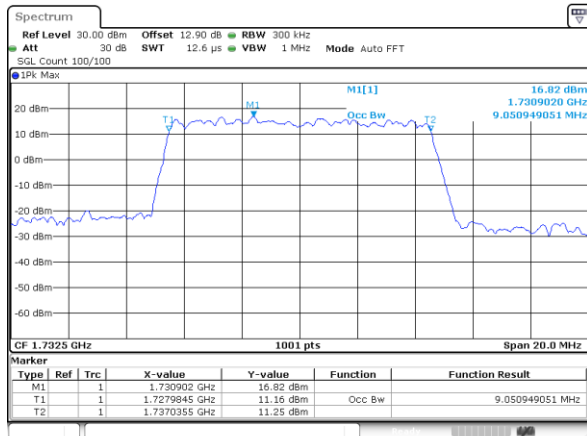
Date: 9, JAN, 2018 21:16:34

Lowest Channel / 10MHz / 16QAM



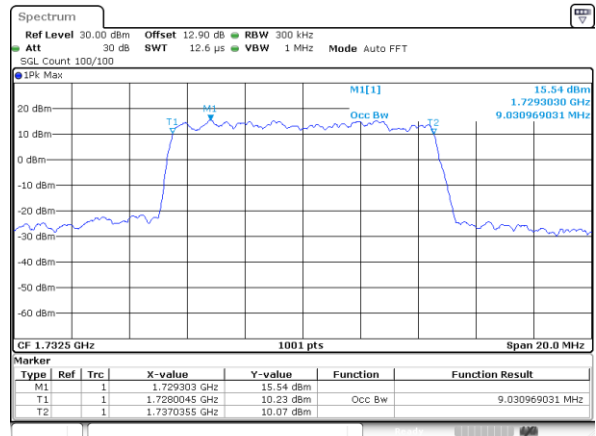
Date: 9, JAN, 2018 21:16:45

Middle Channel / 10MHz / QPSK



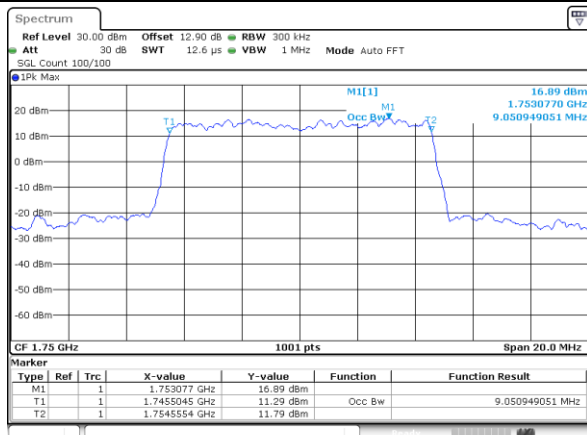
Date: 9, JAN, 2018 21:23:47

Middle Channel / 10MHz / 16QAM



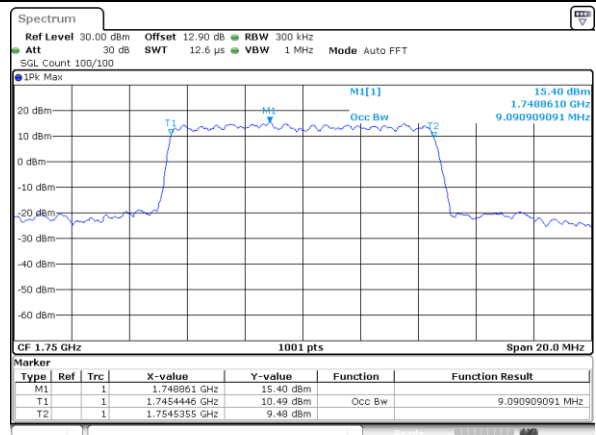
Date: 9, JAN, 2018 21:23:58

Highest Channel / 10MHz / QPSK

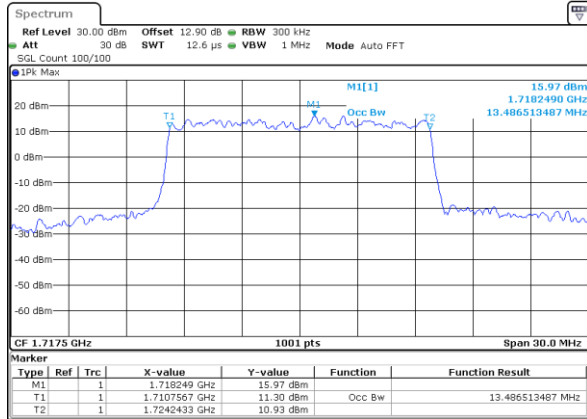


Date: 9, JAN, 2018 21:26:24

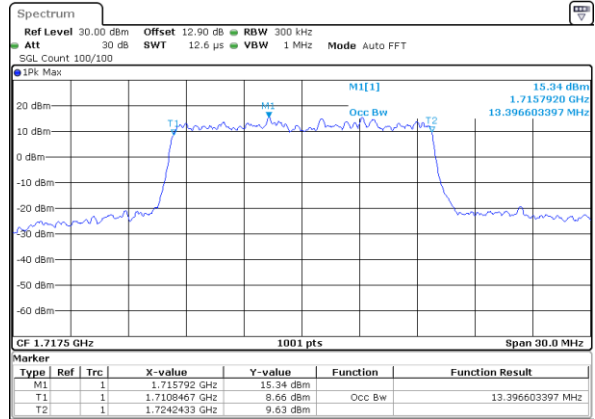
Highest Channel / 10MHz / 16QAM



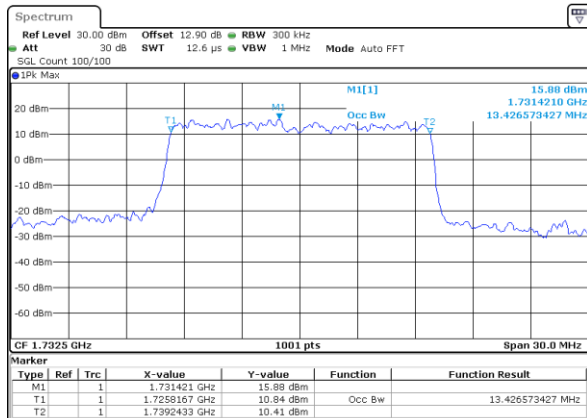
Date: 9, JAN, 2018 21:26:36

LTE Band 4
Lowest Channel / 15MHz / QPSK


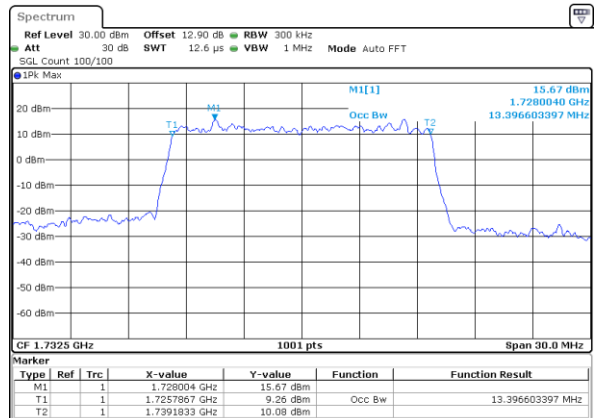
Date: 9,JAN,2018 21:33:37

Lowest Channel / 15MHz / 16QAM


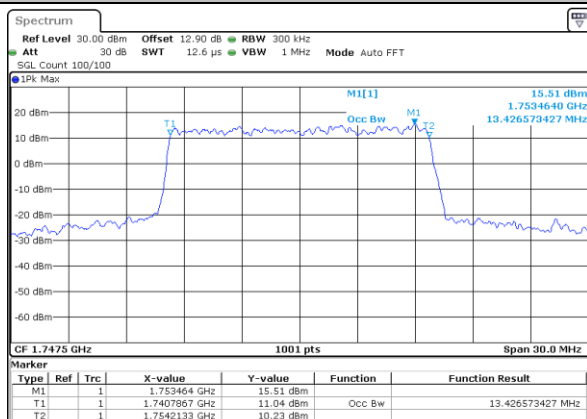
Date: 9,JAN,2018 21:33:49

Middle Channel / 15MHz / QPSK


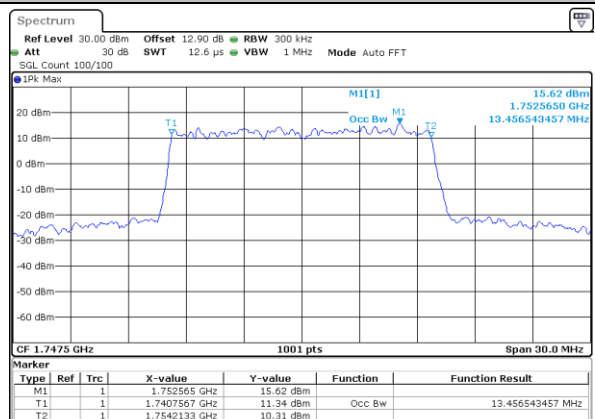
Date: 9,JAN,2018 22:06:32

Middle Channel / 15MHz / 16QAM


Date: 9,JAN,2018 22:06:44

Highest Channel / 15MHz / QPSK


Date: 9,JAN,2018 22:09:10

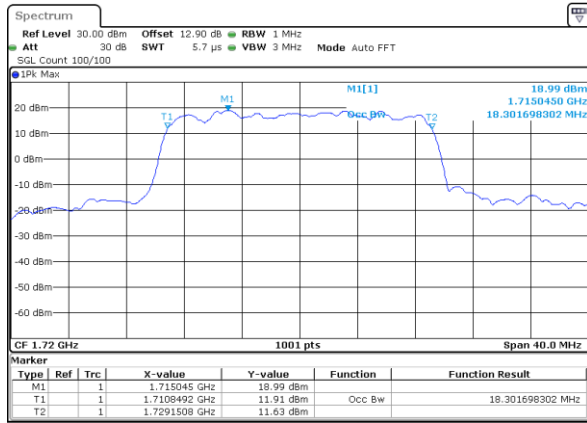
Highest Channel / 15MHz / 16QAM


Date: 9,JAN,2018 22:09:21



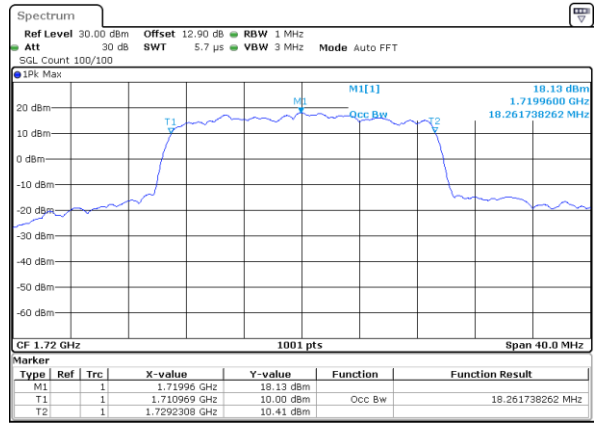
LTE Band 4

Lowest Channel / 20MHz / QPSK



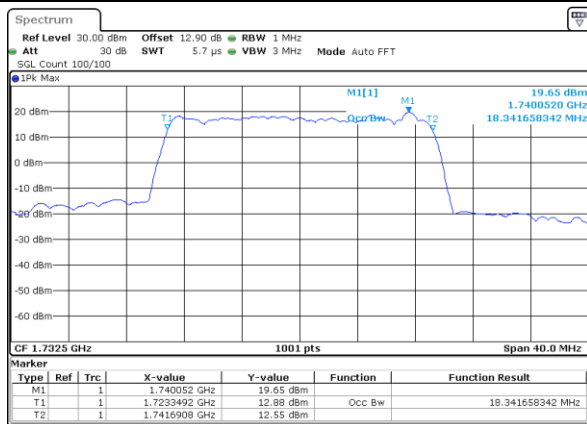
Date: 9,JAN,2018 22:16:22

Lowest Channel / 20MHz / 16QAM



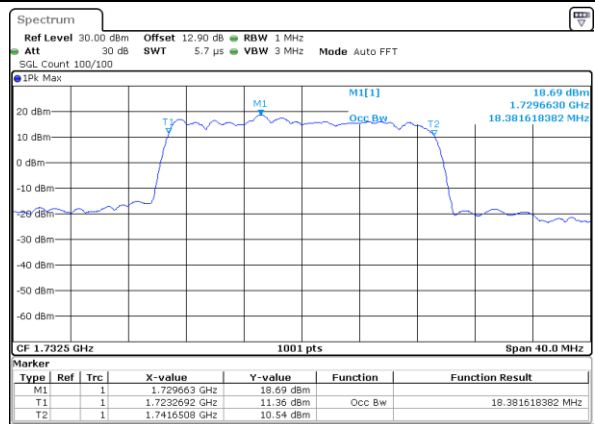
Date: 9,JAN,2018 22:16:34

Middle Channel / 20MHz / QPSK



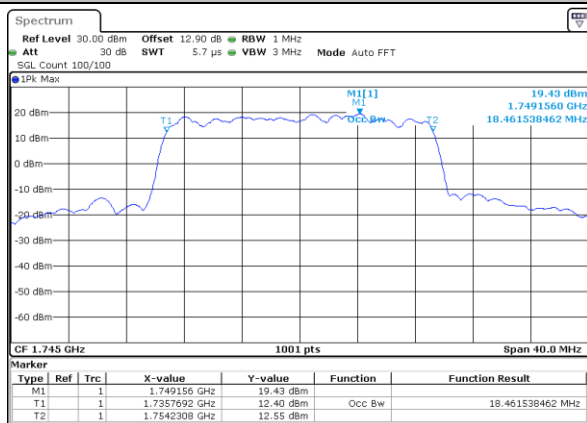
Date: 9,JAN,2018 22:23:35

Middle Channel / 20MHz / 16QAM



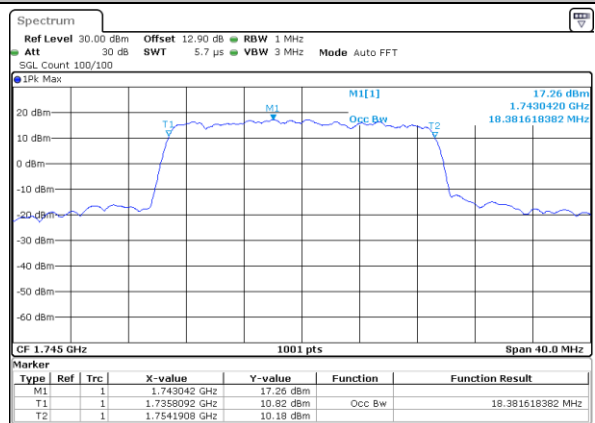
Date: 9,JAN,2018 22:23:46

Highest Channel / 20MHz / QPSK



Date: 9,JAN,2018 22:26:12

Highest Channel / 20MHz / 16QAM

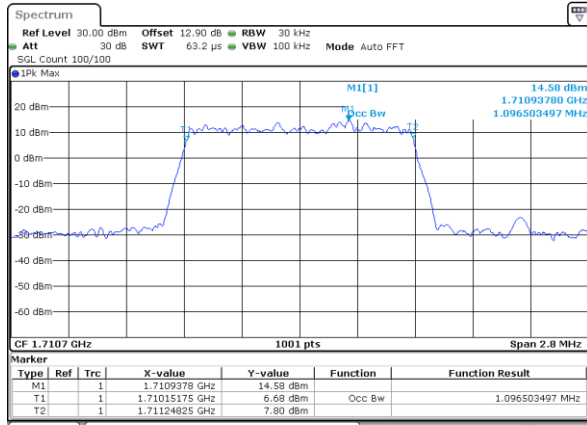


Date: 9,JAN,2018 22:26:24



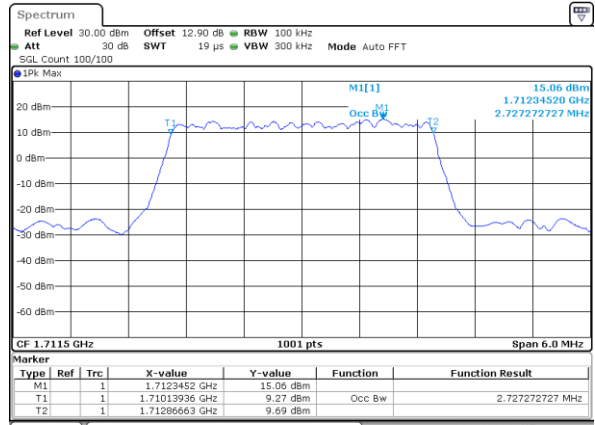
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



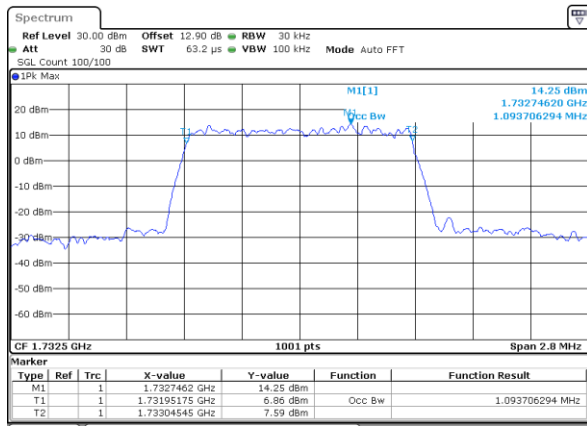
Date: 1.FEB.2018 22:50:138

Lowest Channel / 3MHz / 64QAM



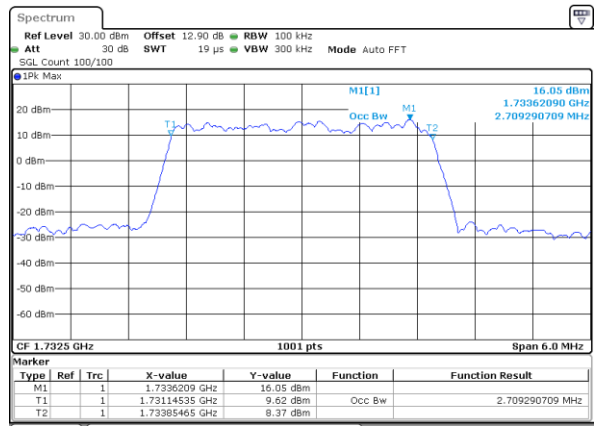
Date: 1.FEB.2018 22:07:40

Middle Channel / 1.4MHz / 64QAM



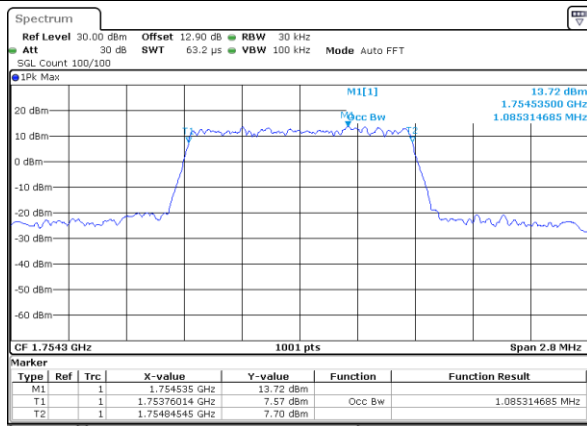
Date: 1.FEB.2018 22:54:16

Middle Channel / 3MHz / 64QAM



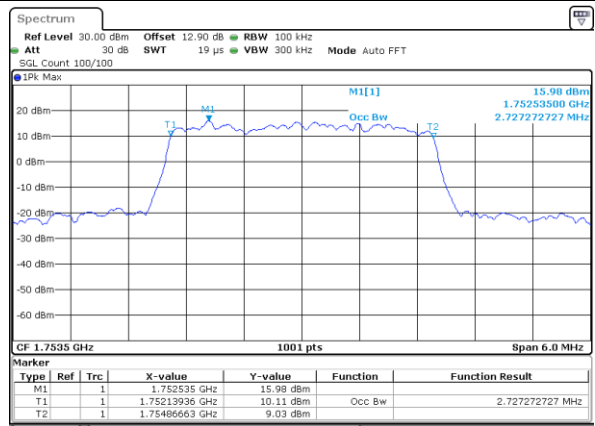
Date: 1.FEB.2018 22:11:18

Highest Channel / 1.4MHz / 64QAM



Date: 1.FEB.2018 22:55:136

Highest Channel / 3MHz / 64QAM

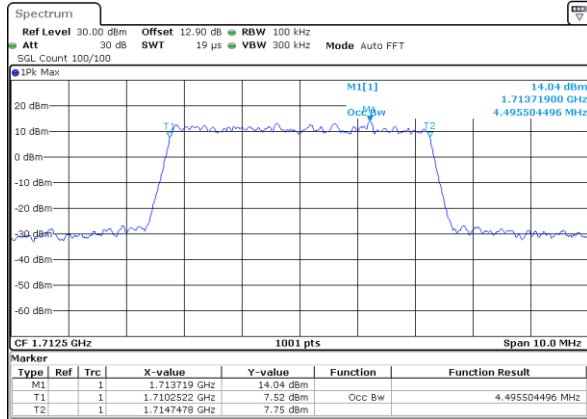


Date: 1.FEB.2018 22:12:38

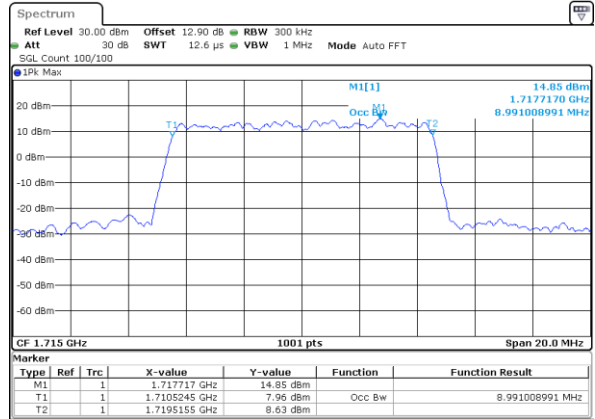


LTE Band 4

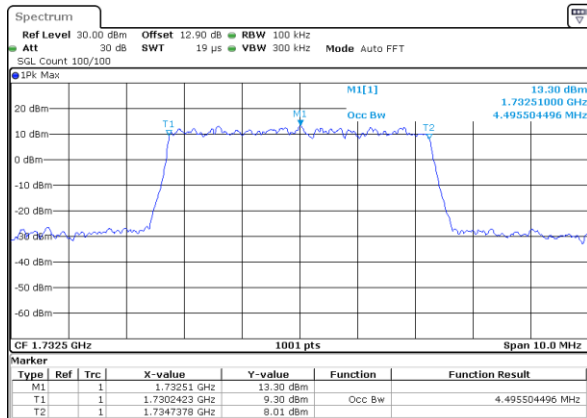
Lowest Channel / 5MHz / 64QAM



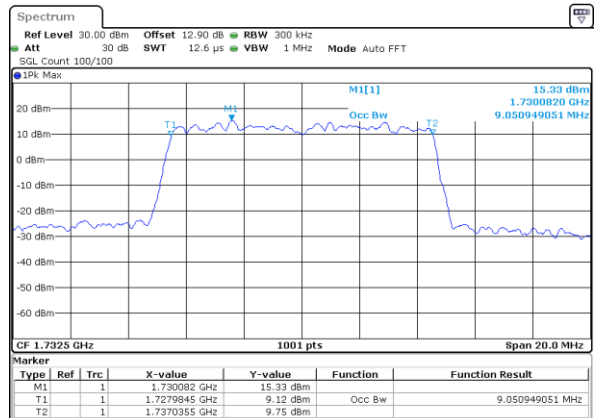
Lowest Channel / 10MHz / 64QAM



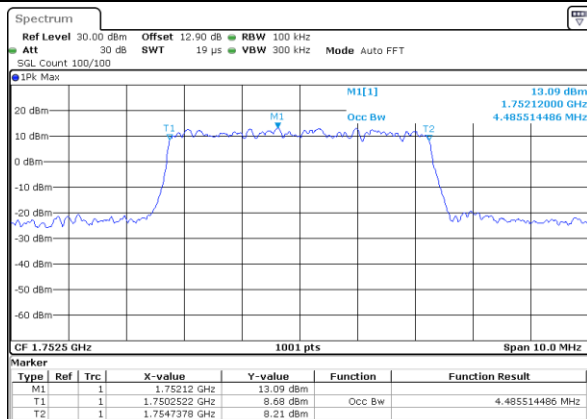
Middle Channel / 5MHz / 64QAM



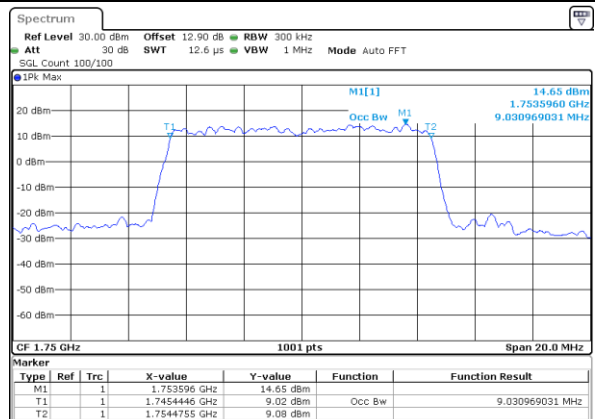
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



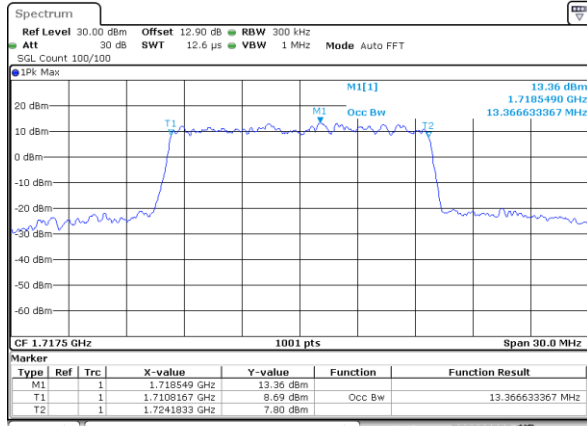
Highest Channel / 10MHz / 64QAM



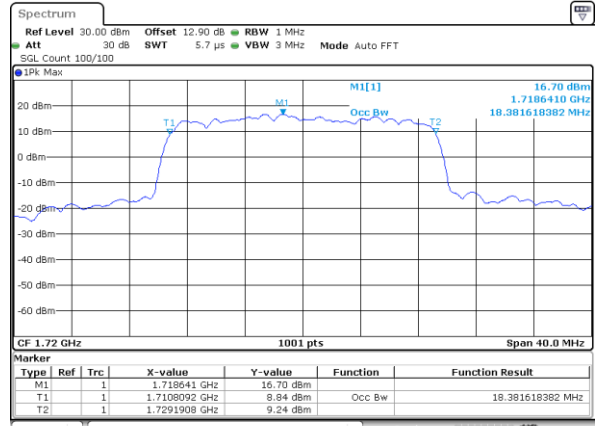


LTE Band 4

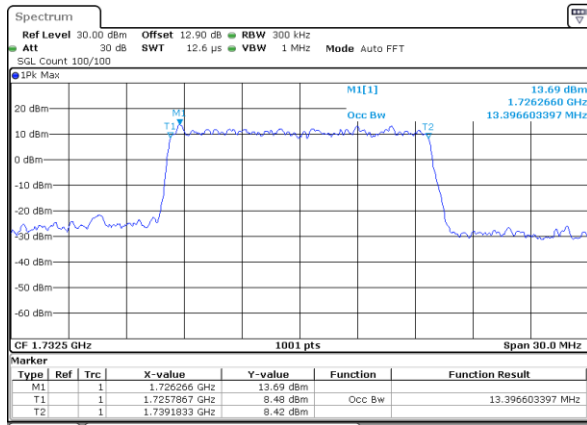
Lowest Channel / 15MHz / 64QAM



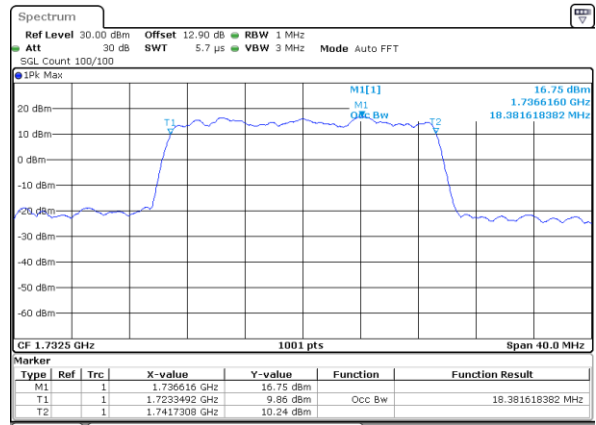
Lowest Channel / 20MHz / 64QAM



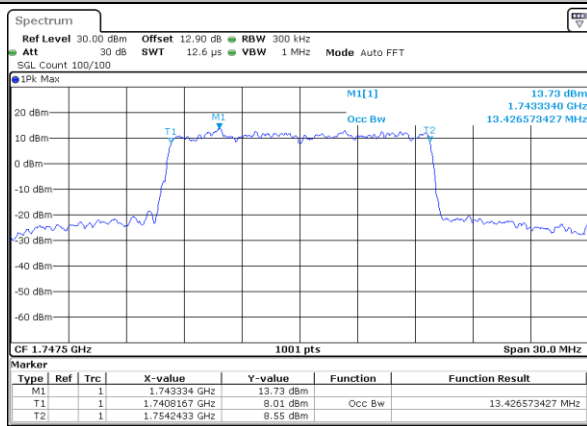
Middle Channel / 15MHz / 64QAM



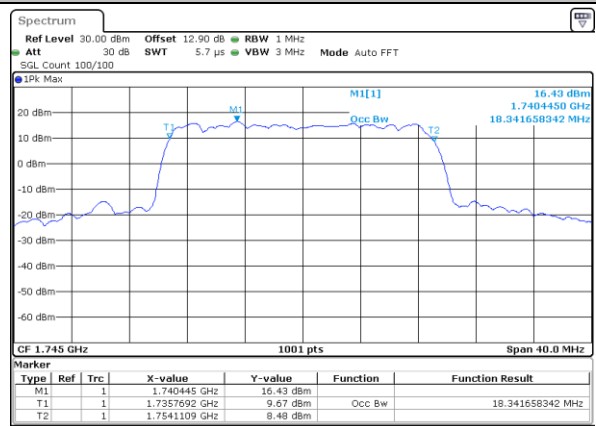
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



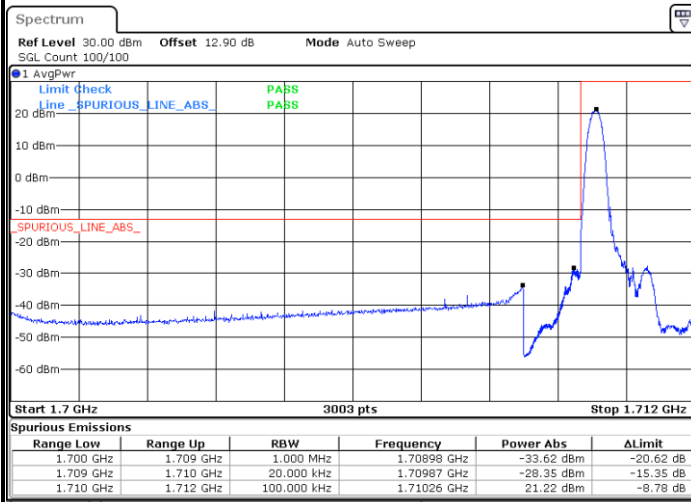


Conducted Band Edge

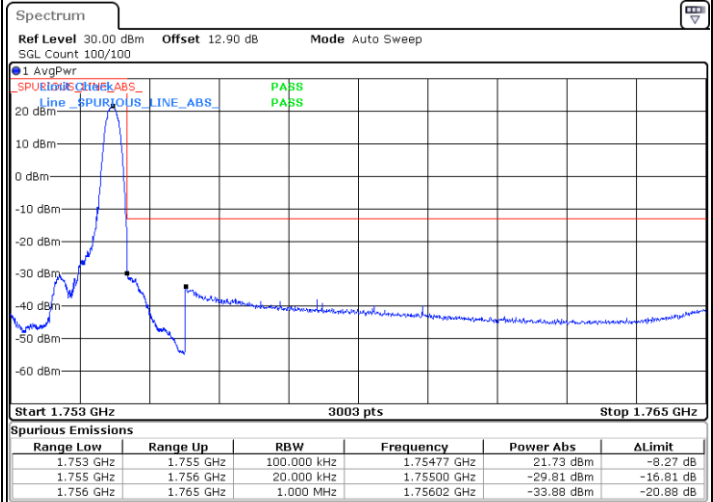


LTE Band 4 / 1.4MHz / QPSK

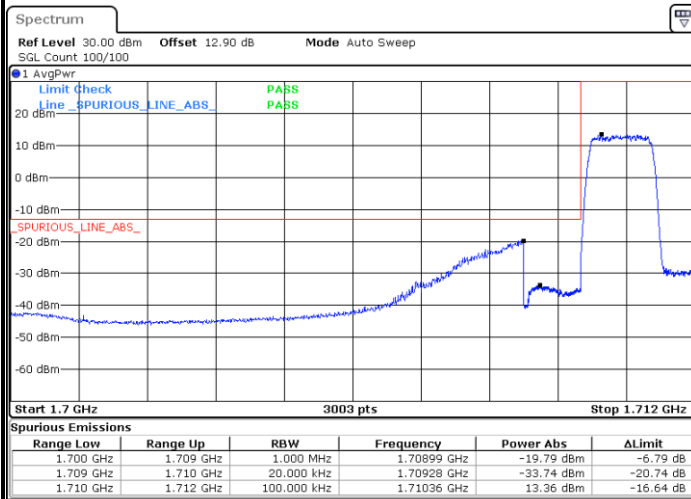
Lowest Band Edge / 1RB



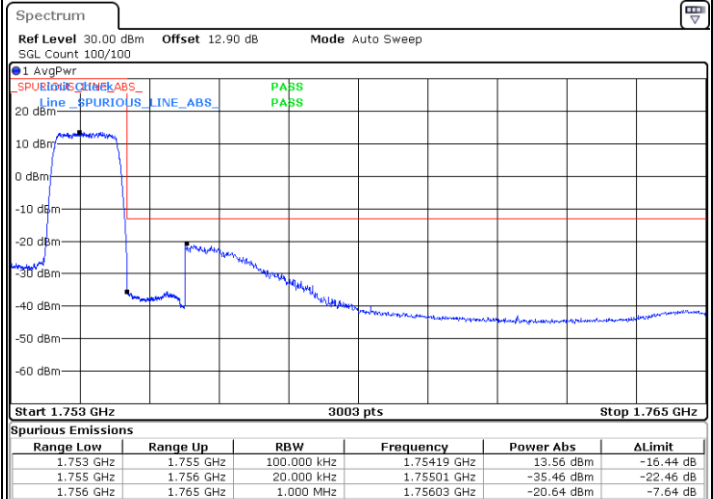
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



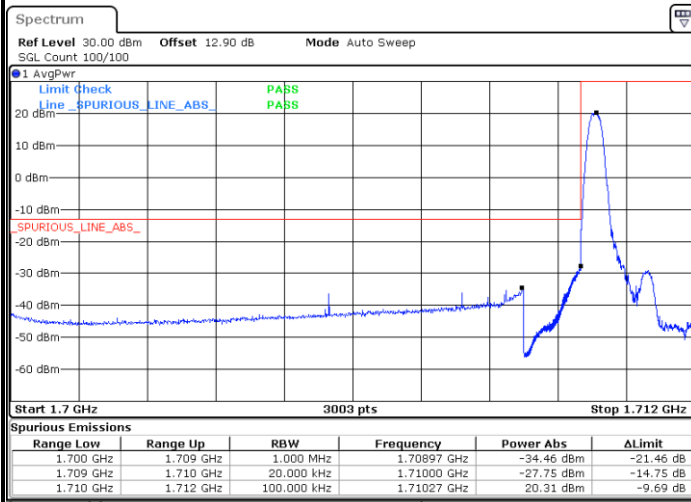
Highest Band Edge / Full RB



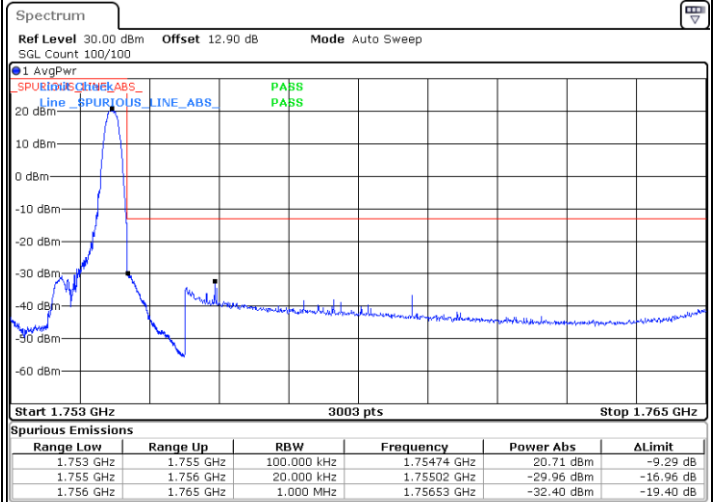


LTE Band 4 / 1.4MHz / 16QAM

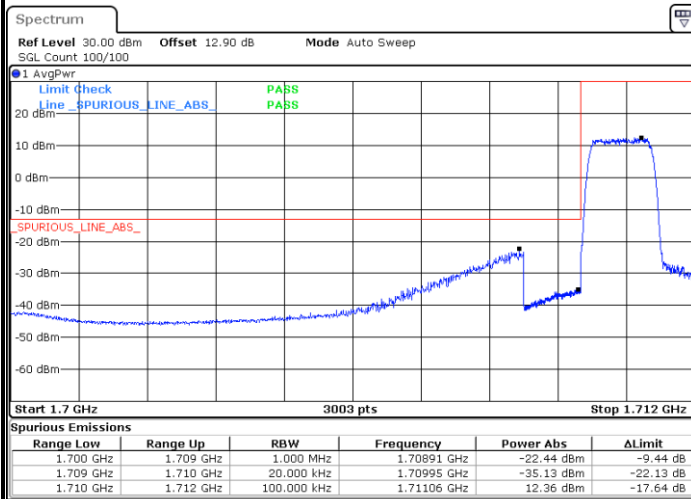
Lowest Band Edge / 1 RB



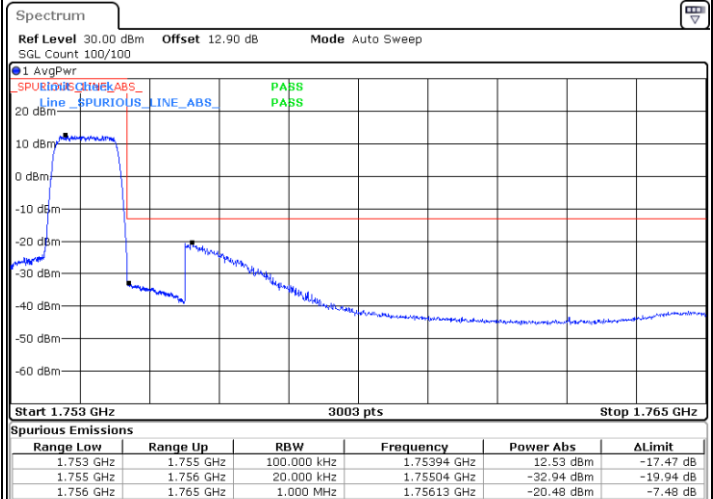
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



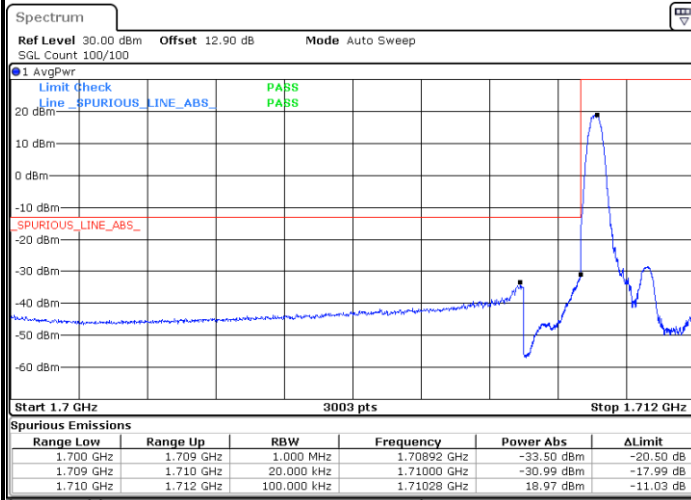
Highest Band Edge / Full RB



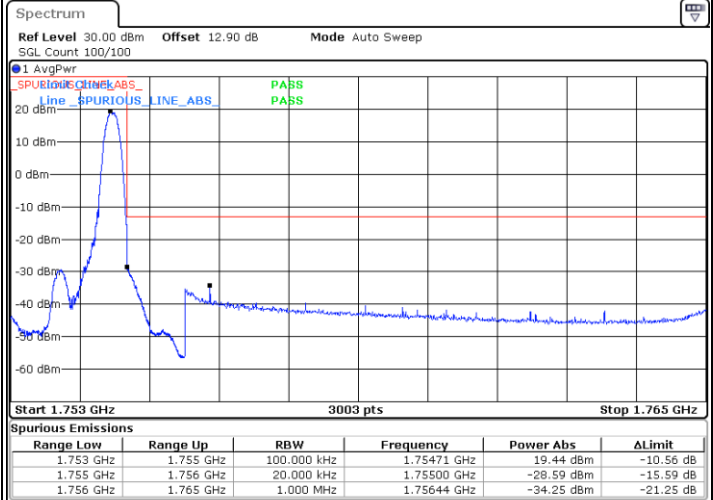


LTE Band 4 / 1.4MHz / 64QAM

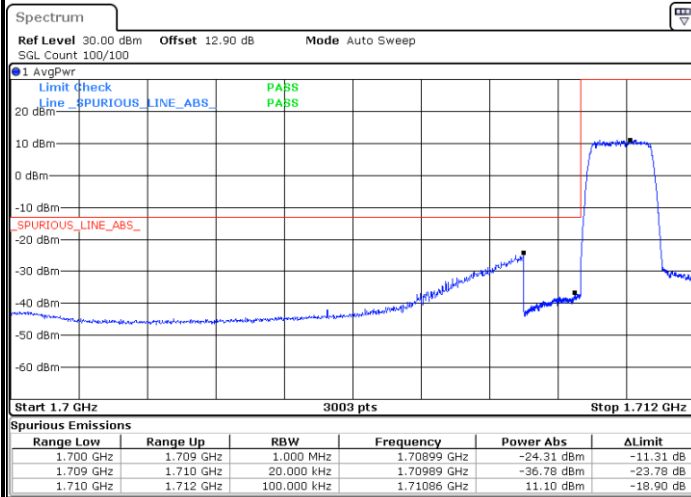
Lowest Band Edge / 1 RB



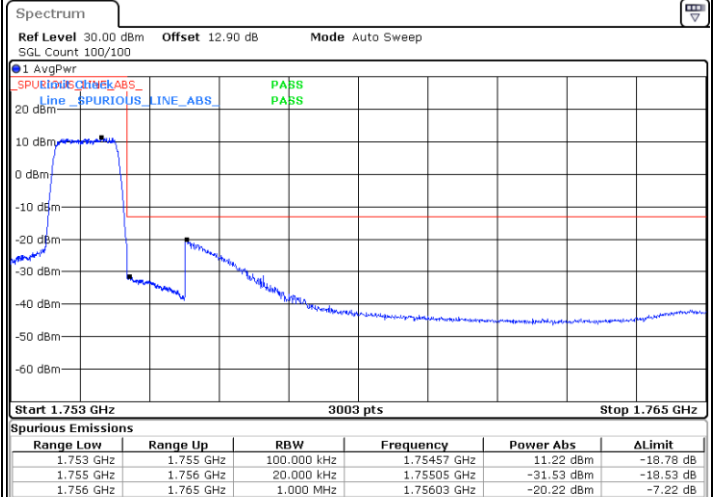
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



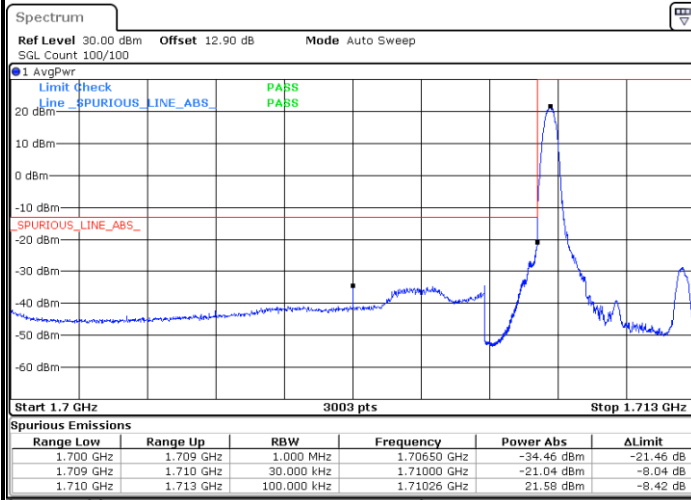
Highest Band Edge / Full RB



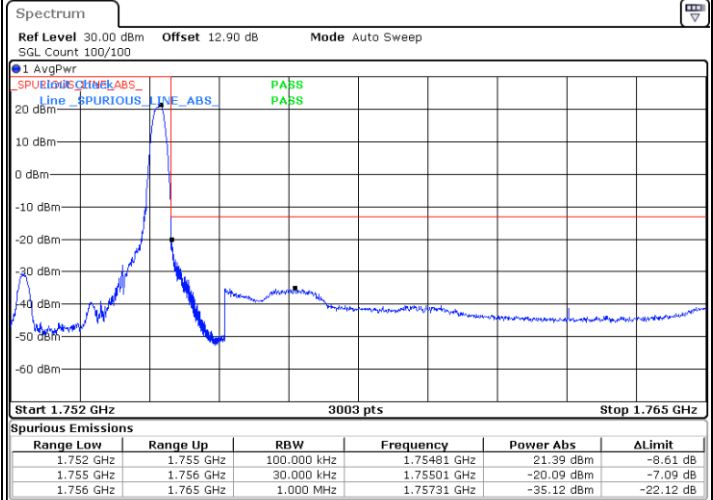


LTE Band 4 / 3MHz / QPSK

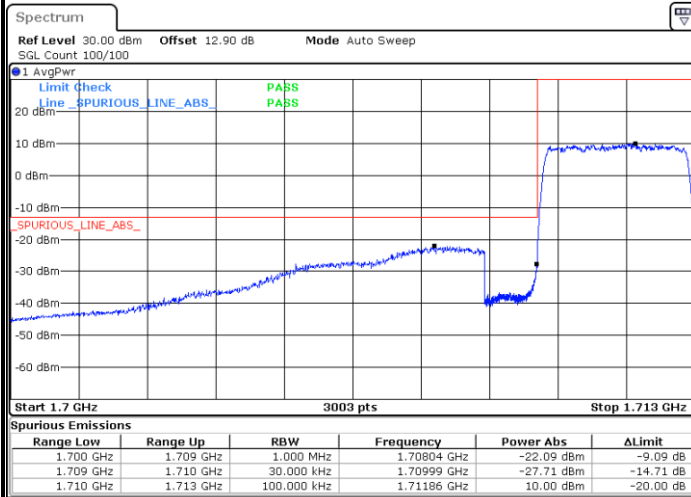
Lowest Band Edge / 1RB



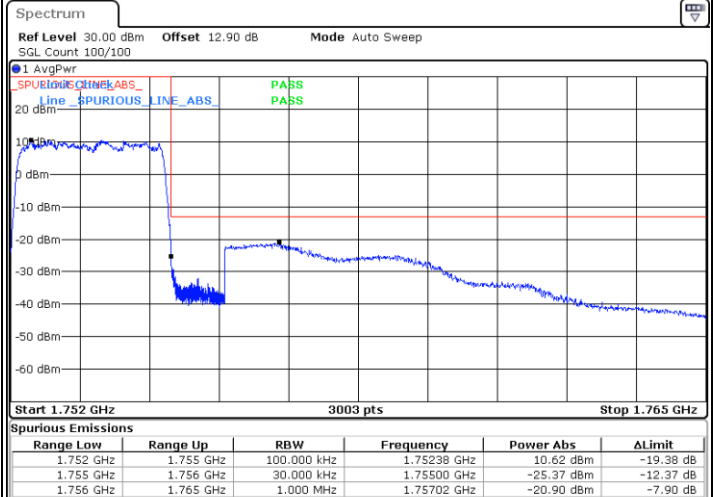
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



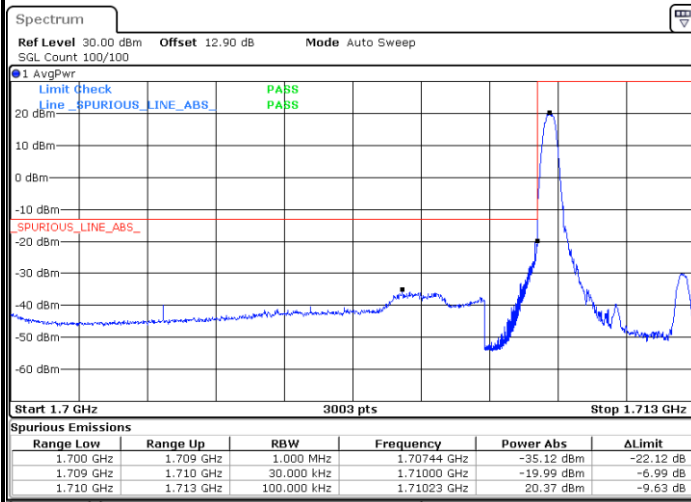
Highest Band Edge / Full RB



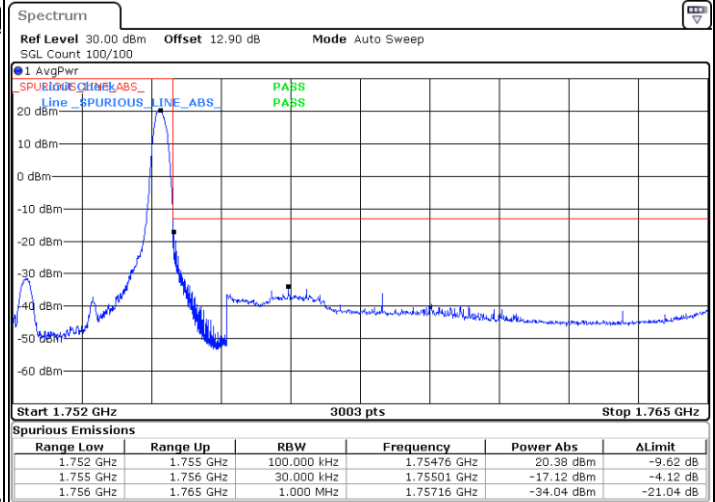


LTE Band 4 / 3MHz / 16QAM

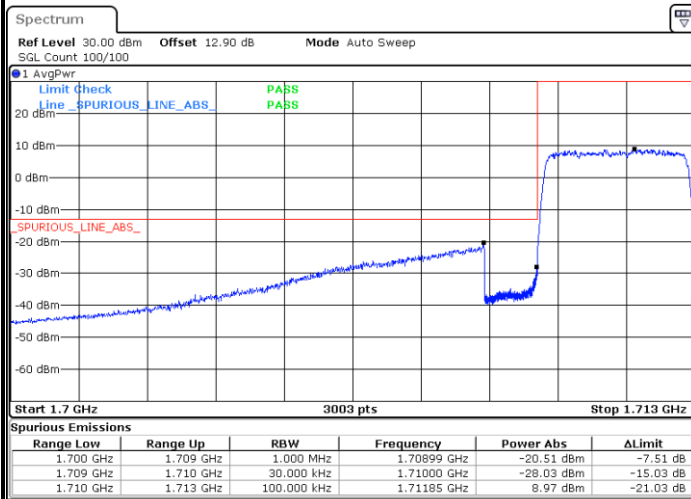
Lowest Band Edge / 1 RB



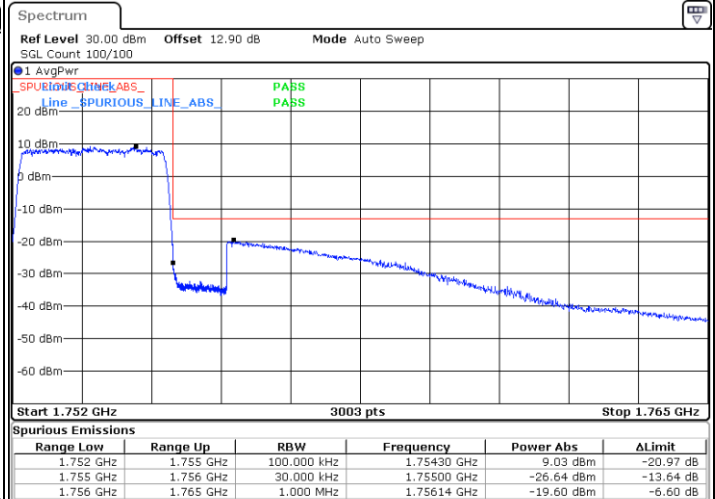
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



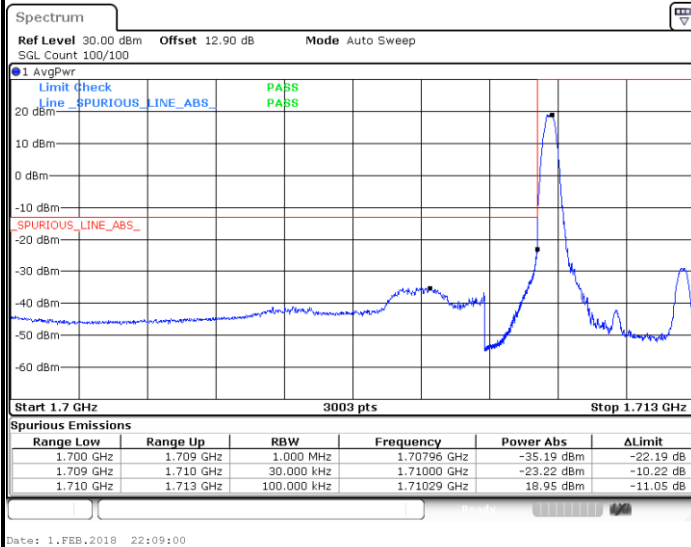
Highest Band Edge / Full RB



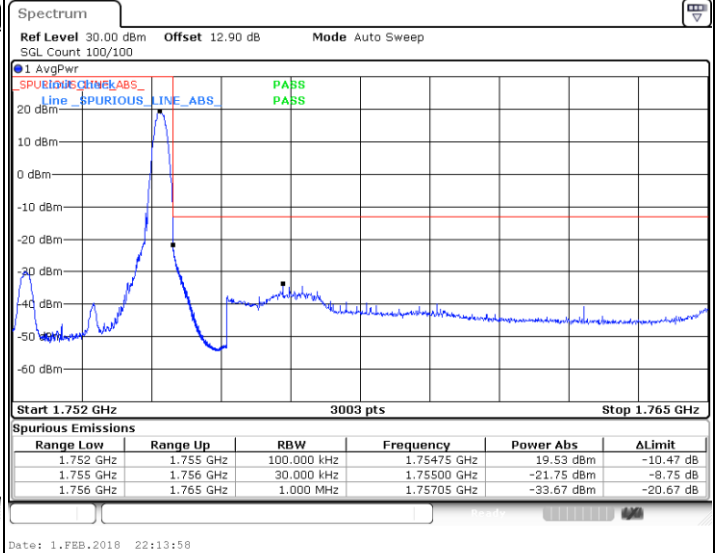


LTE Band 4 / 3MHz / 64QAM

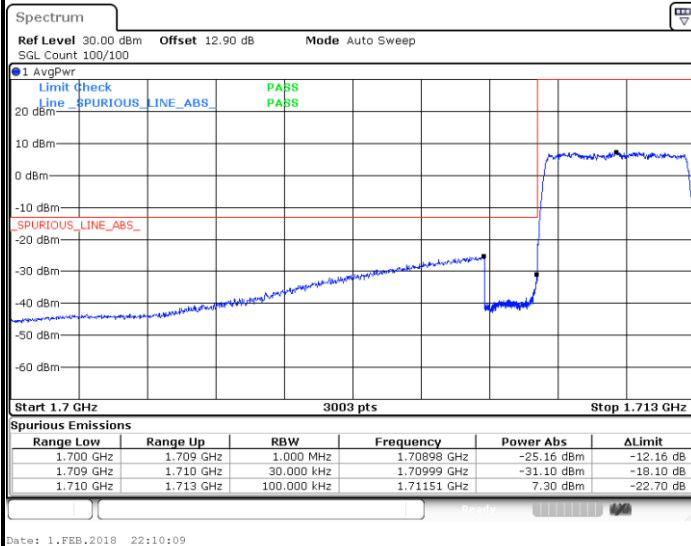
Lowest Band Edge / 1 RB



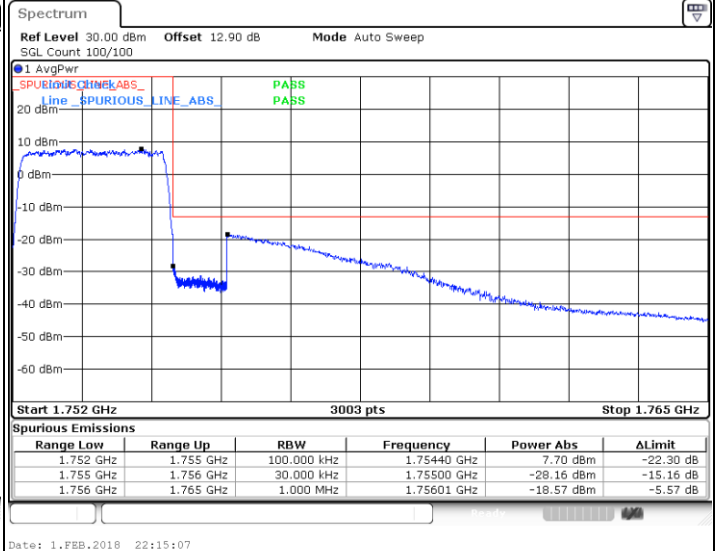
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



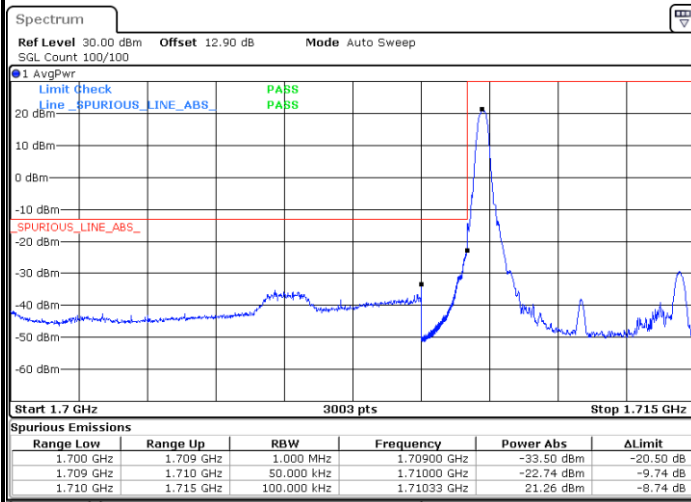
Highest Band Edge / Full RB



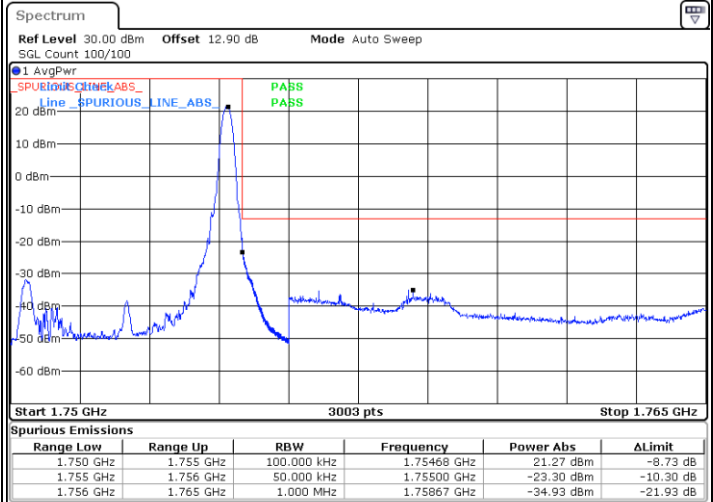


LTE Band 4 / 5MHz / QPSK

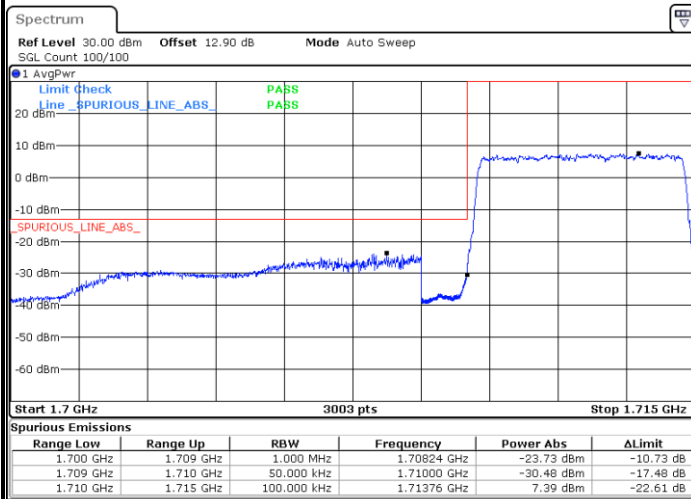
Lowest Band Edge / 1 RB



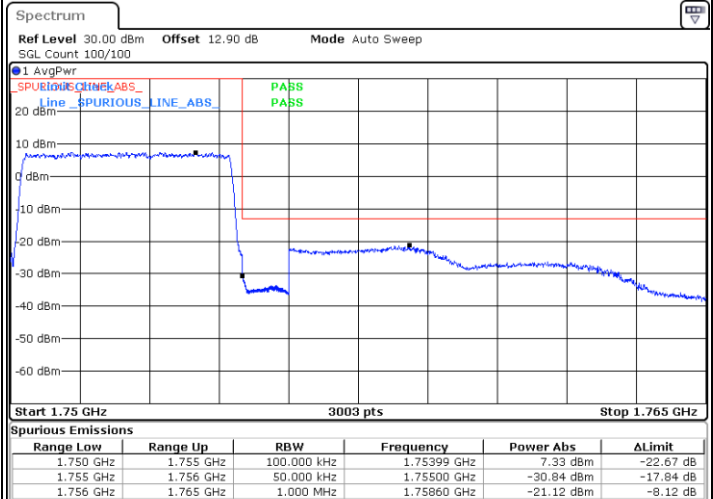
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



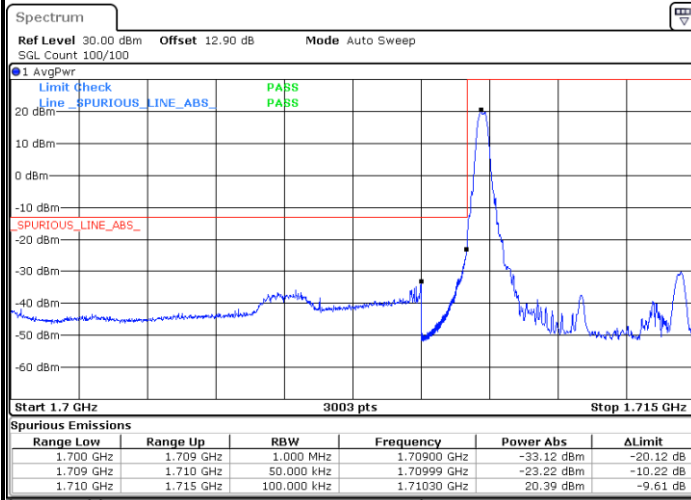
Highest Band Edge / Full RB



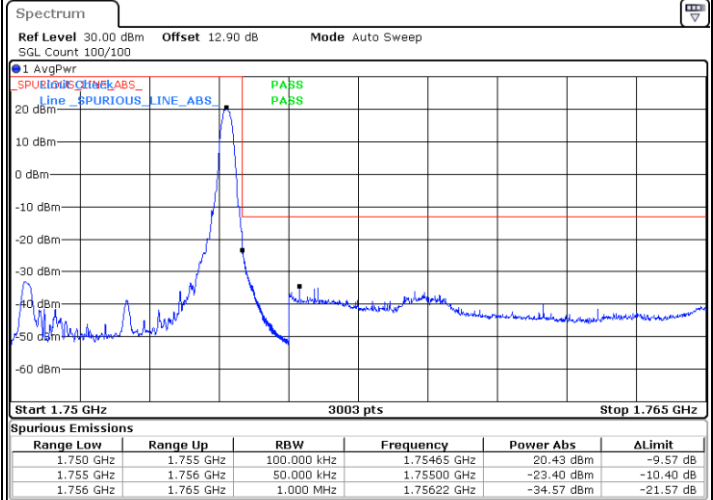


LTE Band 4 / 5MHz / 16QAM

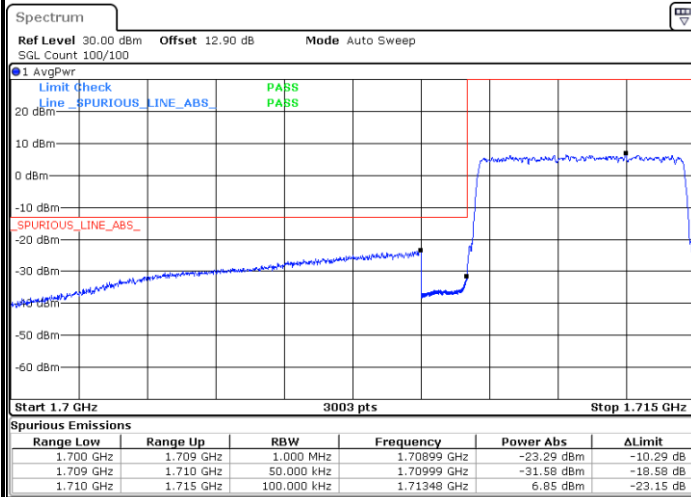
Lowest Band Edge / 1RB



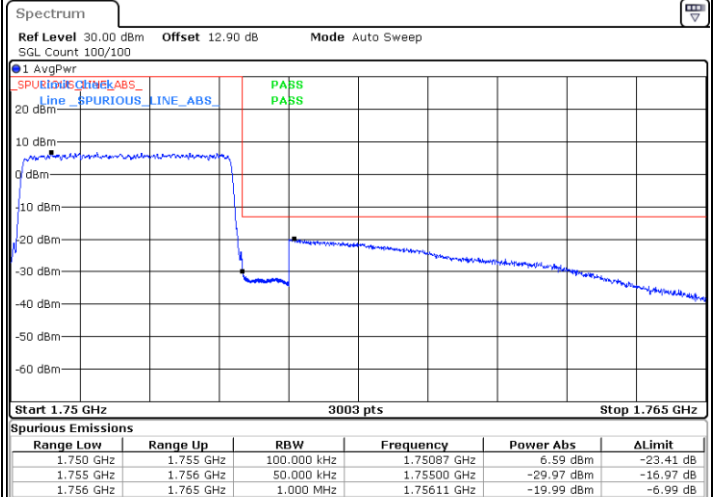
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



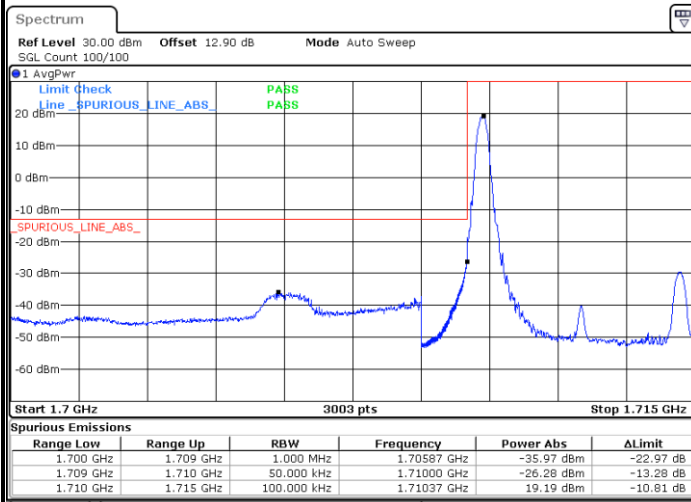
Highest Band Edge / Full RB



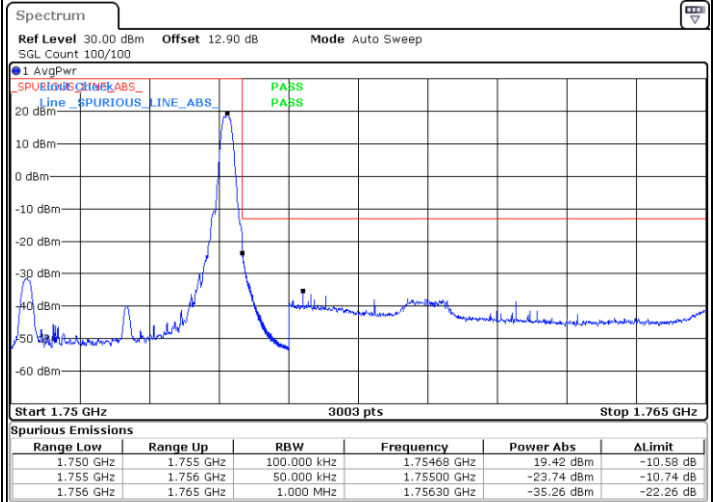


LTE Band 4 / 5MHz / 64QAM

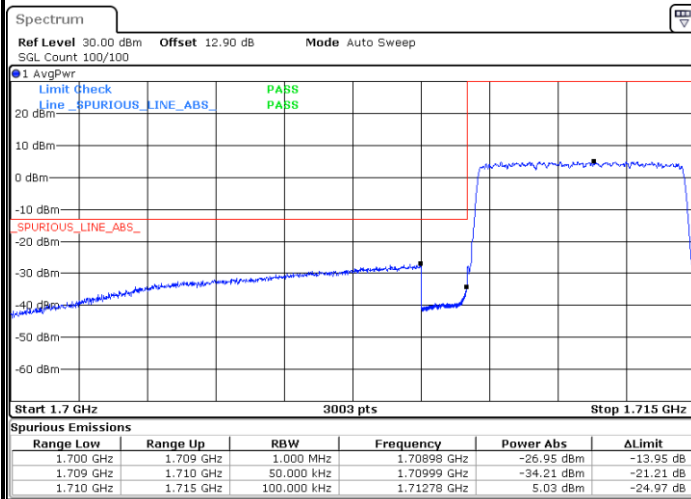
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

