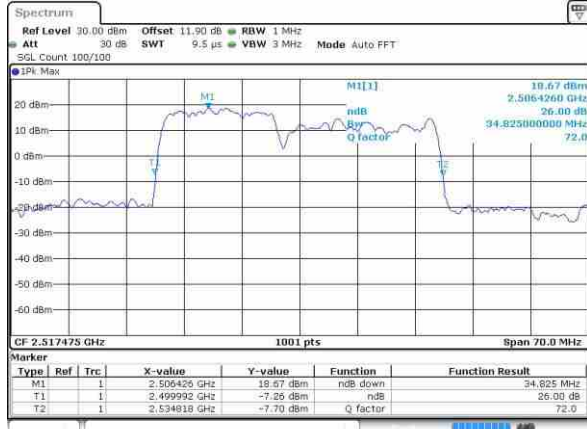




LTE Band 7

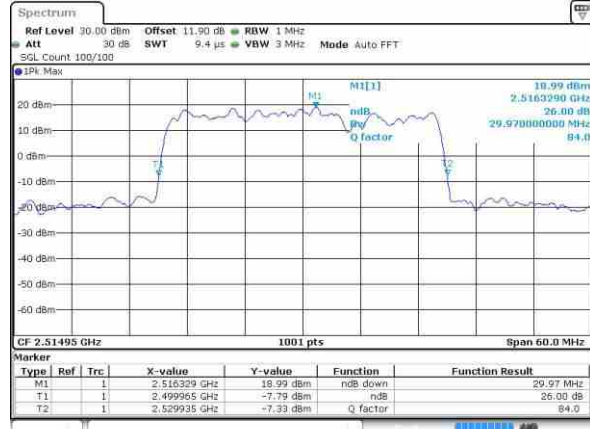
QPSK

Lowest Channel / 15MHz+20MHz



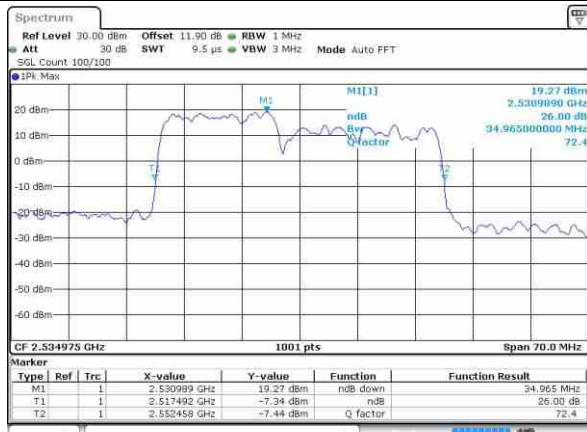
Date: 10 MAY 2019 19:06:48

Lowest Channel / 20MHz+10MHz



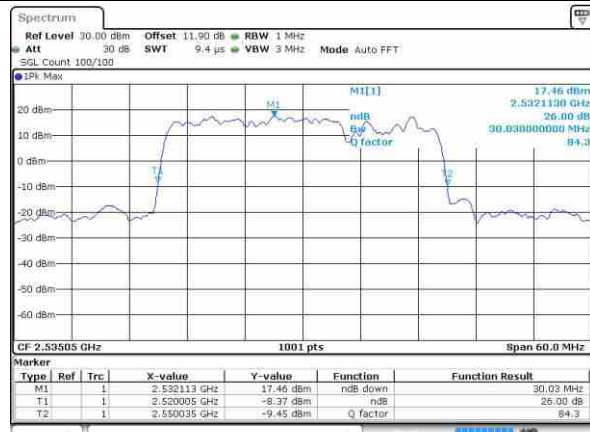
Date: 1 MAR 2019 12:01:27

Middle Channel / 15MHz+20MHz



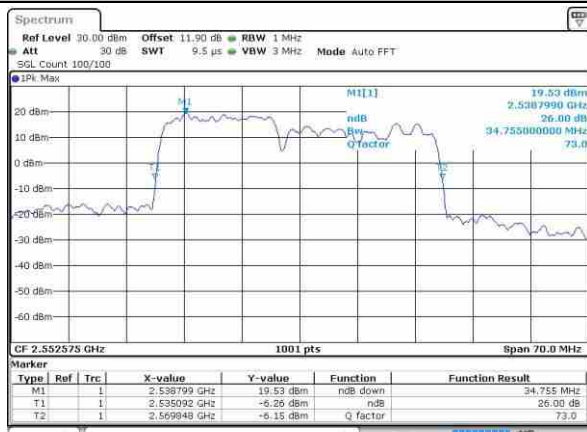
Date: 10 MAY 2019 19:28:52

Middle Channel / 20MHz+10MHz



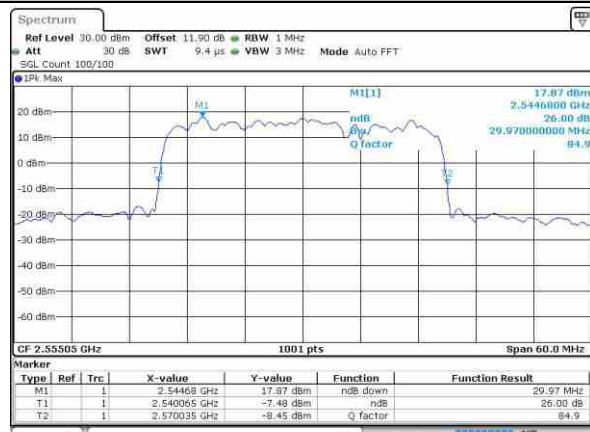
Date: 1 MAR 2019 14:00:46

Highest Channel / 15MHz+20MHz



Date: 10 MAY 2019 19:48:52

Highest Channel / 20MHz+10MHz



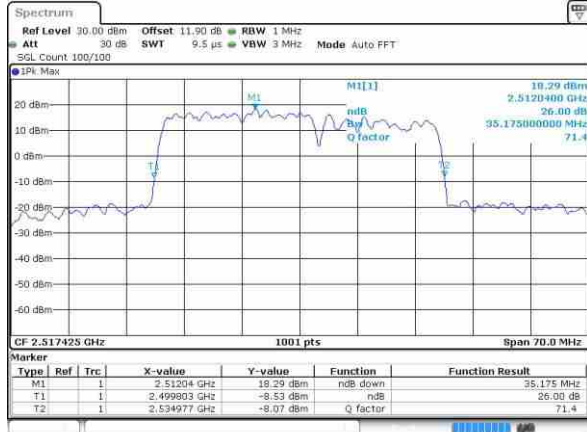
Date: 1 MAR 2019 14:41:36



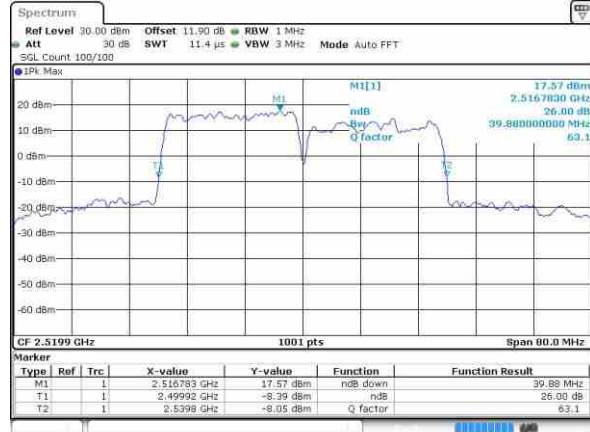
LTE Band 7

QPSK

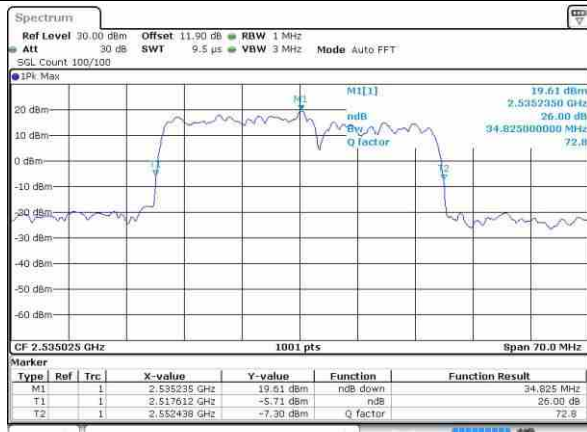
Lowest Channel / 20MHz+15MHz



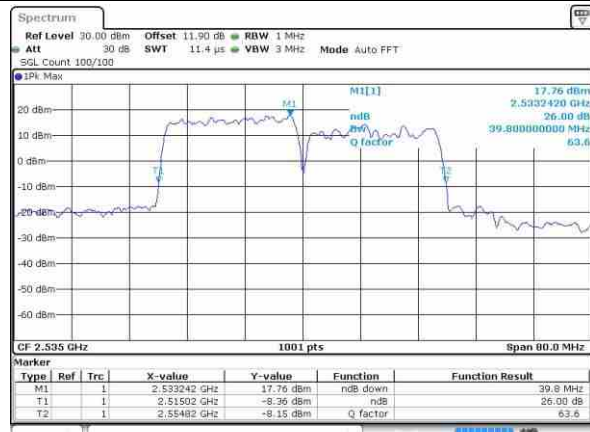
Lowest Channel / 20MHz+20MHz



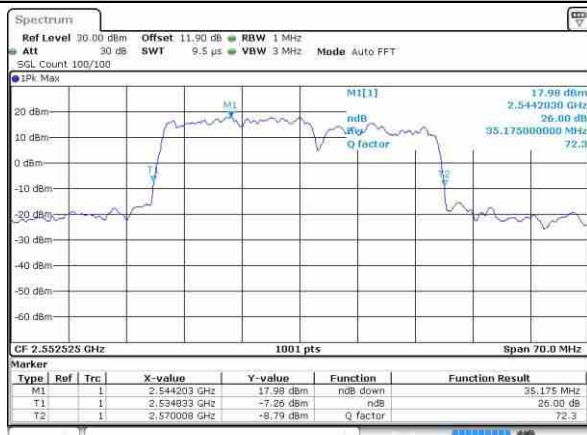
Middle Channel / 20MHz+15MHz



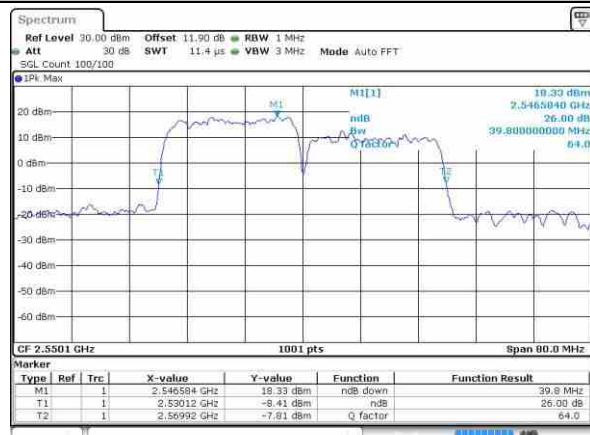
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

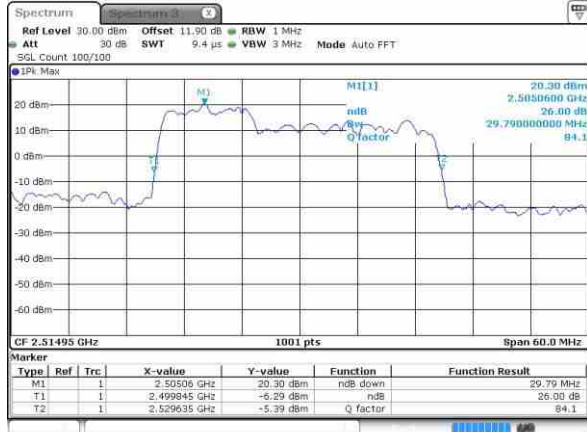




LTE Band 7

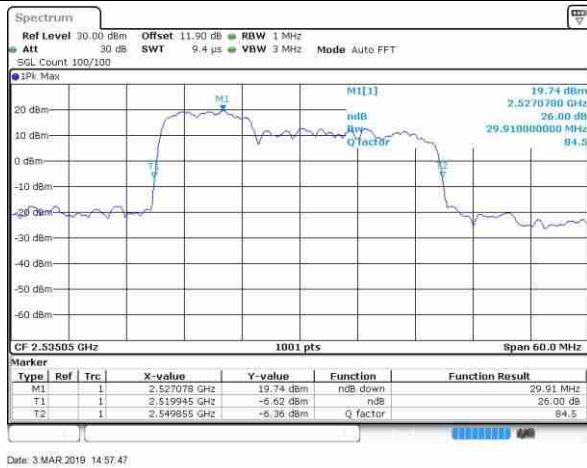
16QAM

Lowest Channel / 10MHz+20MHz



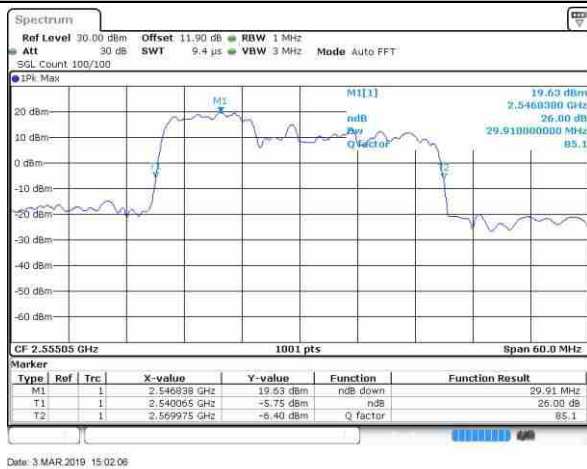
Lowest Channel / 15MHz+5MHz

Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+5MHz

Highest Channel / 10MHz+20MHz



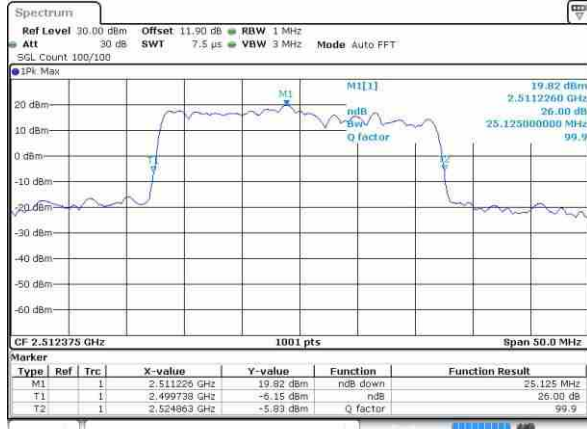
Highest Channel / 15MHz+5MHz



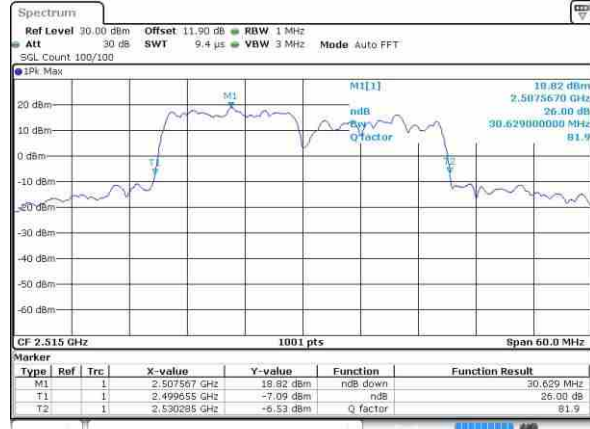
LTE Band 7

16QAM

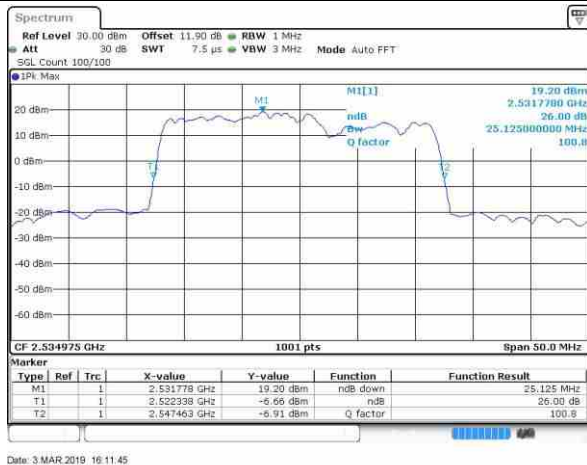
Lowest Channel / 15MHz+10MHz



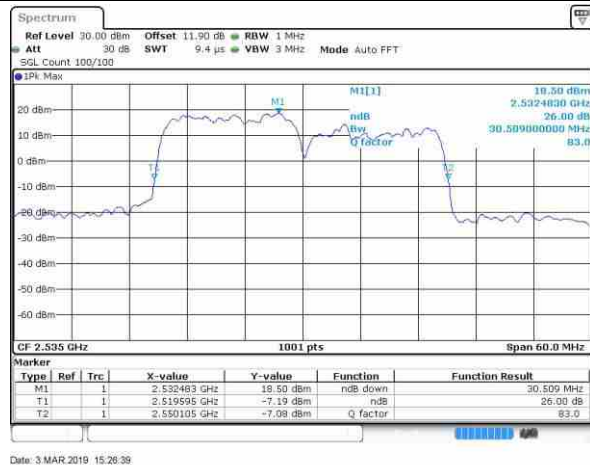
Lowest Channel / 15MHz+15MHz



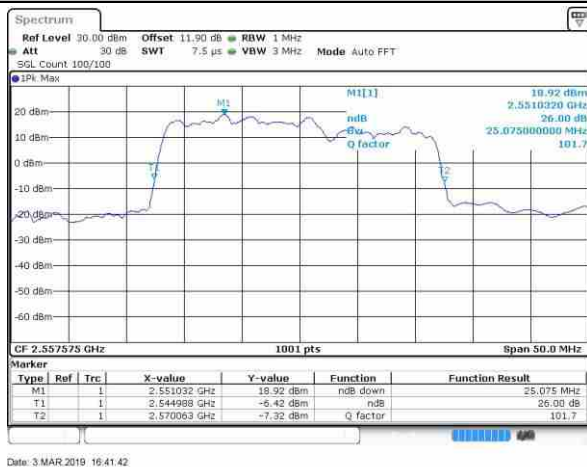
Middle Channel / 15MHz+10MHz



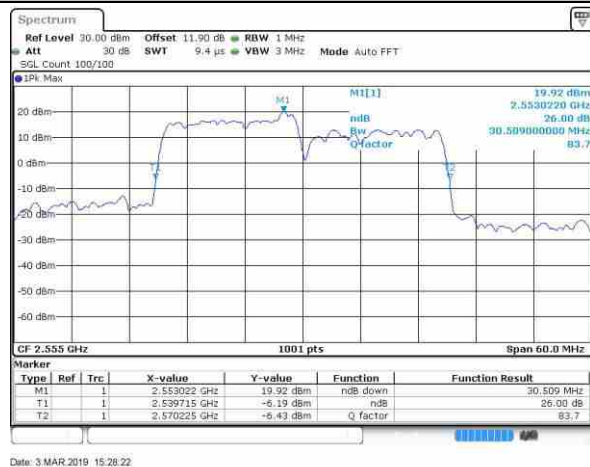
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

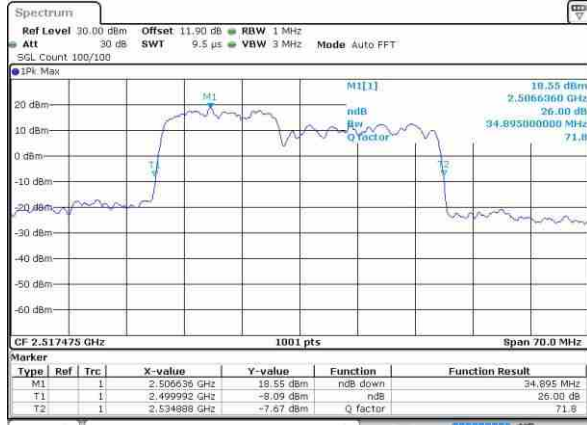




LTE Band 7

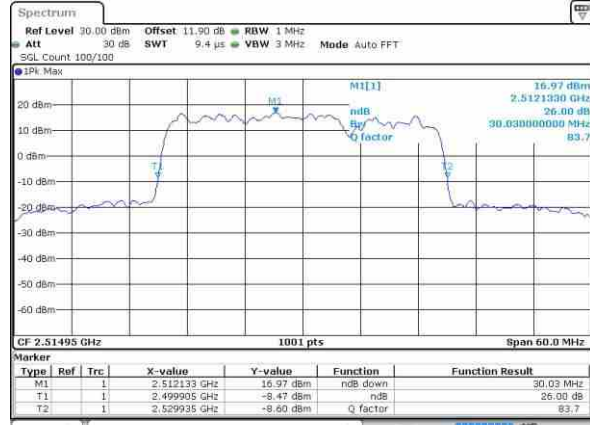
16QAM

Lowest Channel / 15MHz+20MHz



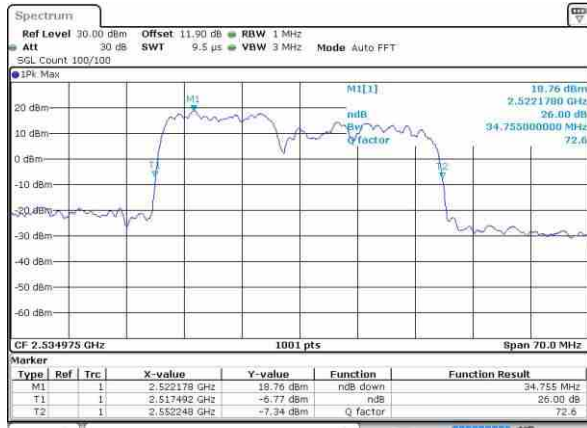
Date: 10 MAY 2019 19:06:25

Lowest Channel / 20MHz+10MHz



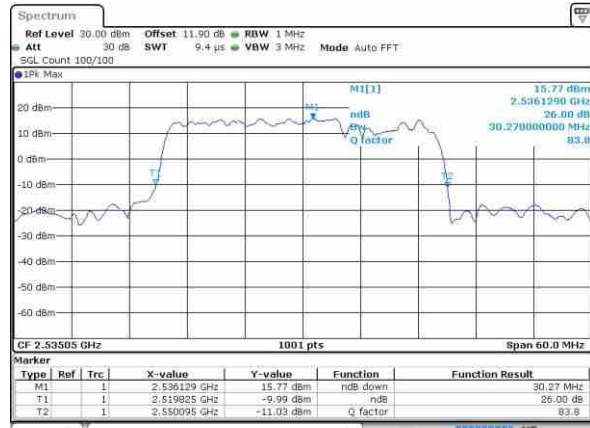
Date: 1 MAR 2019 12:01:01

Middle Channel / 15MHz+20MHz



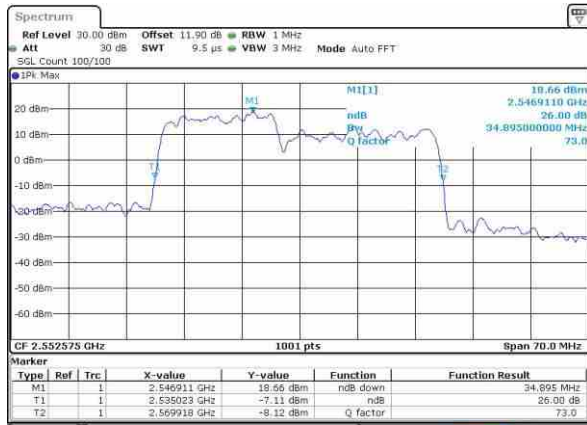
Date: 10 MAY 2019 19:28:28

Middle Channel / 20MHz+10MHz



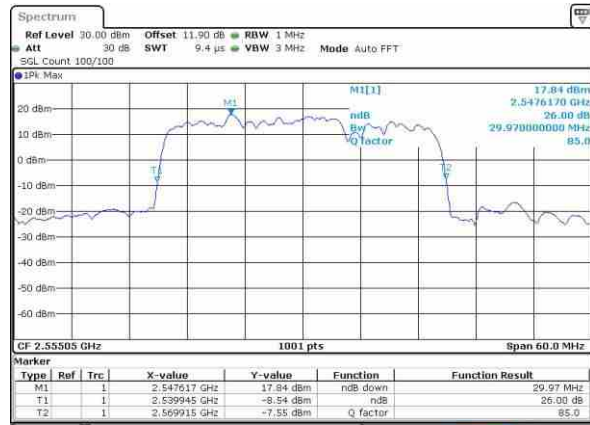
Date: 1 MAR 2019 14:04:11

Highest Channel / 15MHz+20MHz



Date: 10 MAY 2019 19:48:16

Highest Channel / 20MHz+10MHz



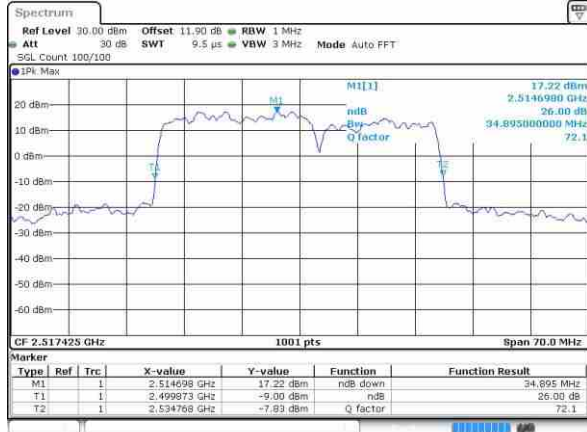
Date: 1 MAR 2019 14:42:47



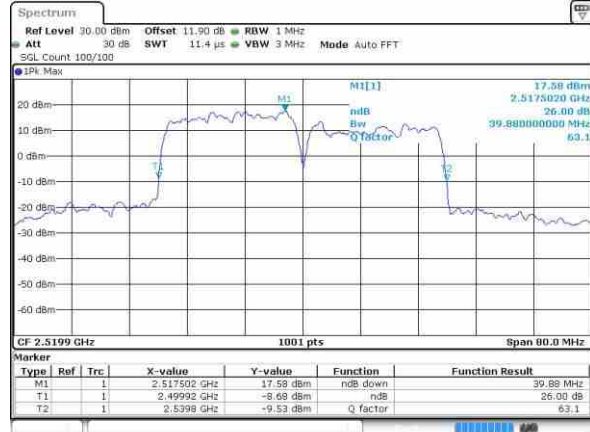
LTE Band 7

16QAM

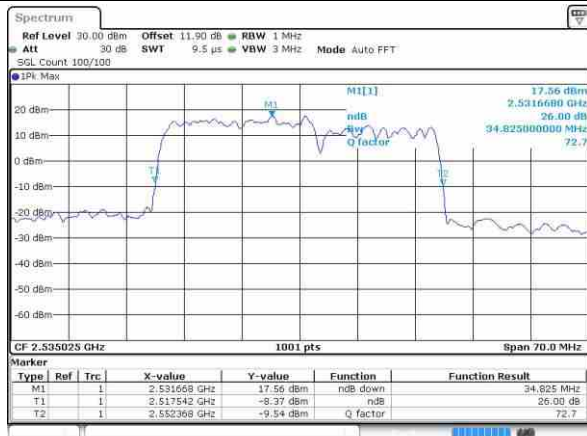
Lowest Channel / 20MHz+15MHz



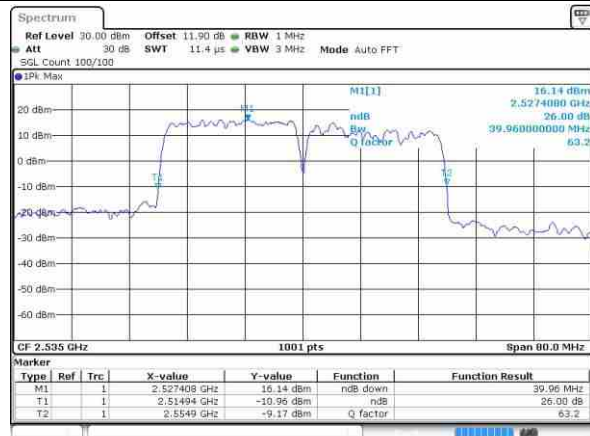
Lowest Channel / 20MHz+20MHz



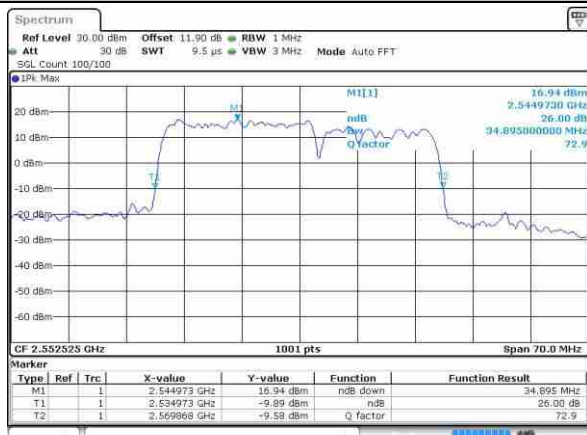
Middle Channel / 20MHz+15MHz



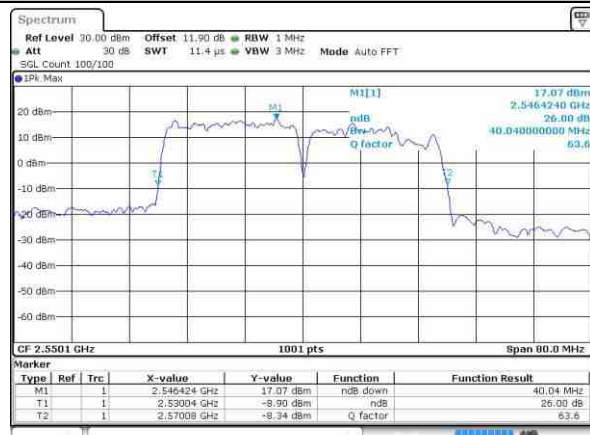
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

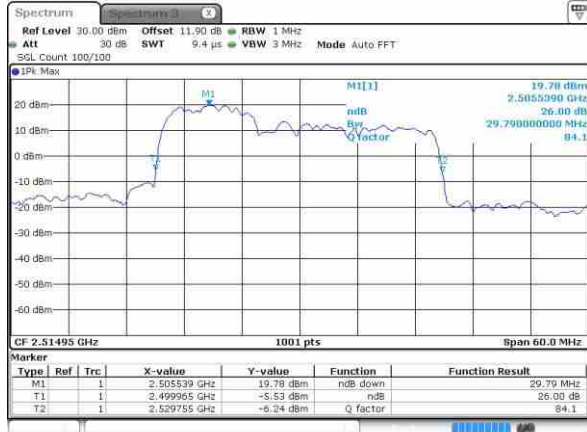




LTE Band 7

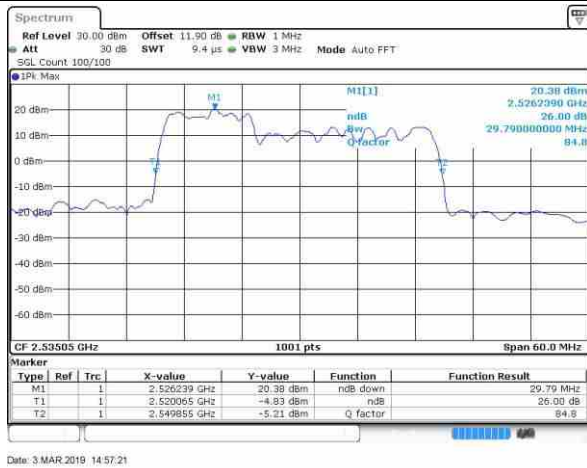
64QAM

Lowest Channel / 10MHz+20MHz



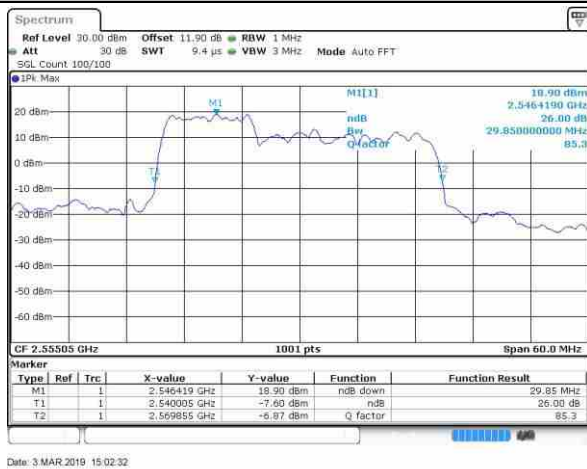
Lowest Channel / 15MHz+5MHz

Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+5MHz

Highest Channel / 10MHz+20MHz



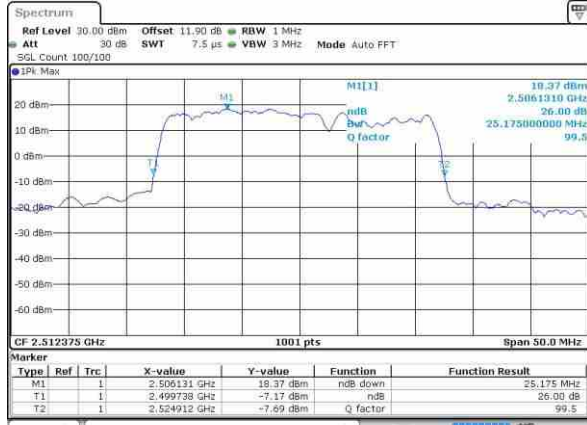
Highest Channel / 15MHz+5MHz



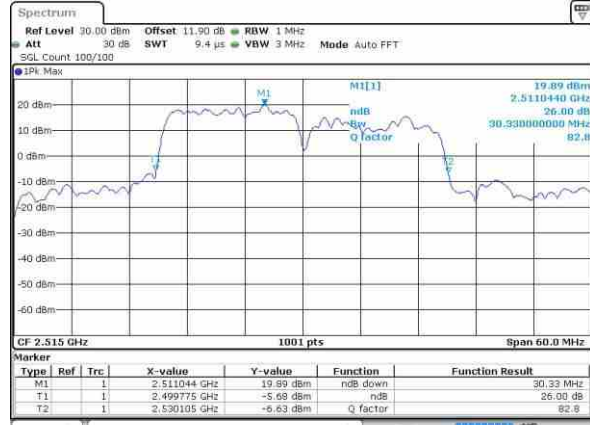
LTE Band 7

64QAM

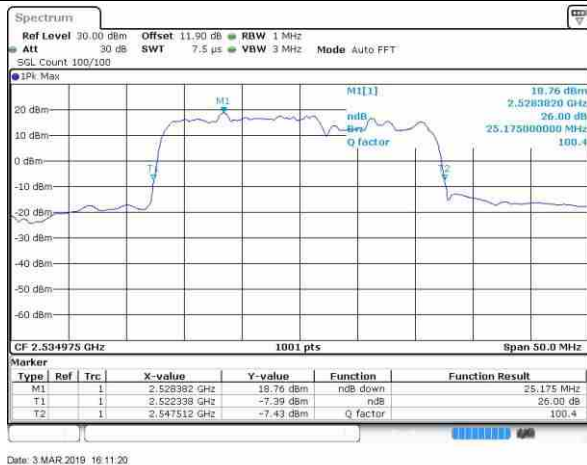
Lowest Channel / 15MHz+10MHz



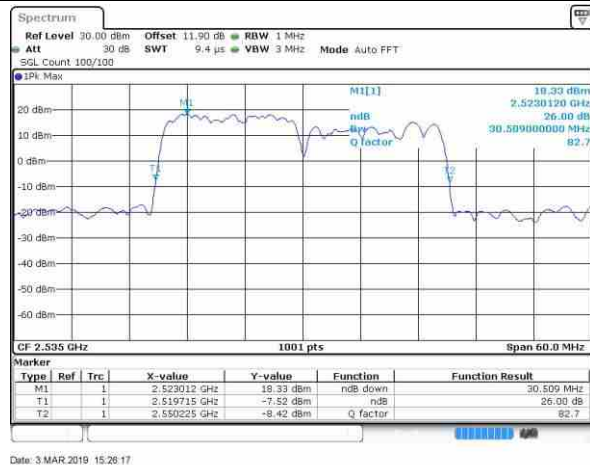
Lowest Channel / 15MHz+15MHz



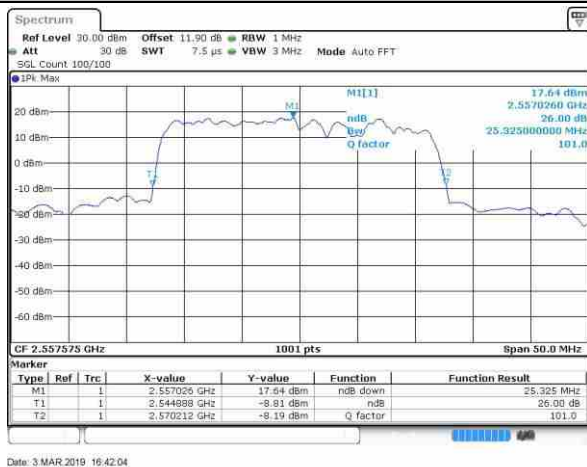
Middle Channel / 15MHz+10MHz



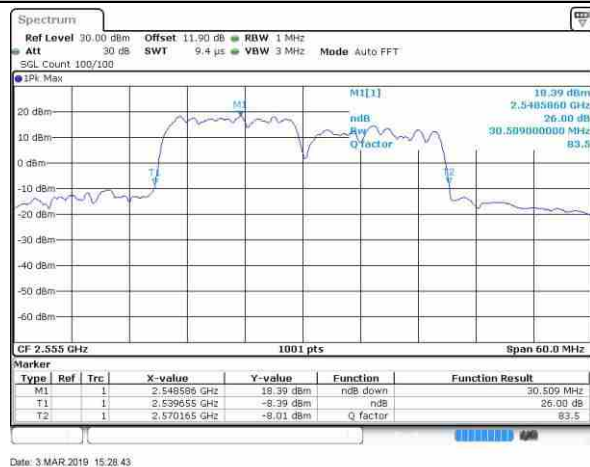
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

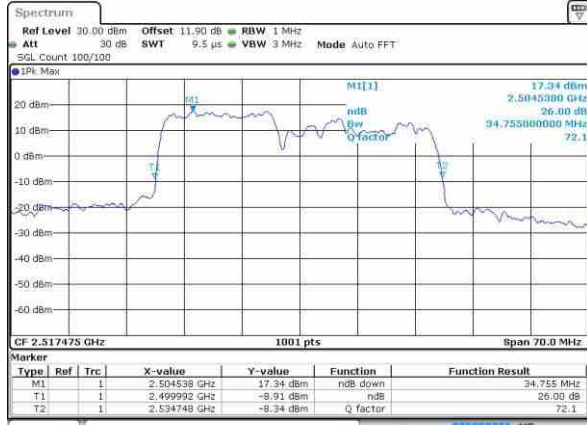




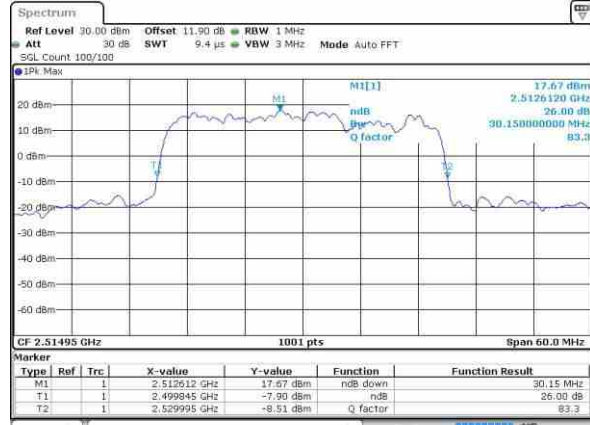
LTE Band 7

64QAM

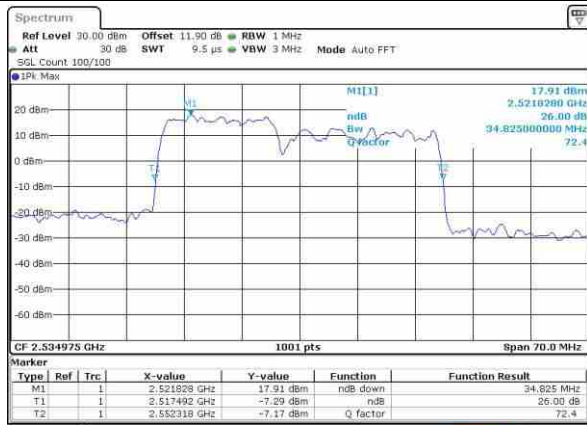
Lowest Channel / 15MHz+20MHz



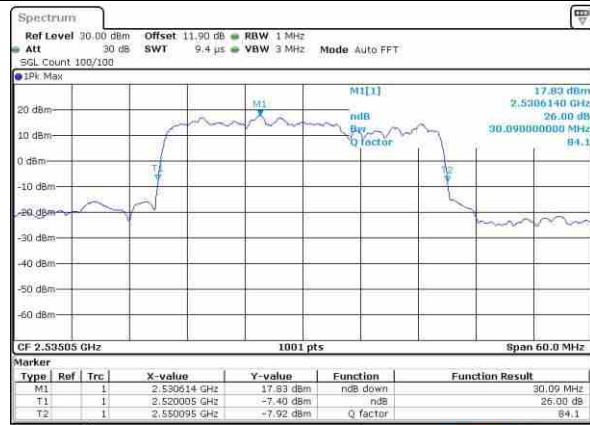
Lowest Channel / 20MHz+10MHz



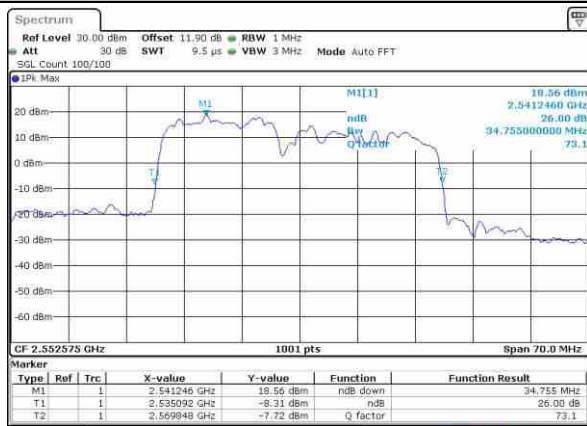
Middle Channel / 15MHz+20MHz



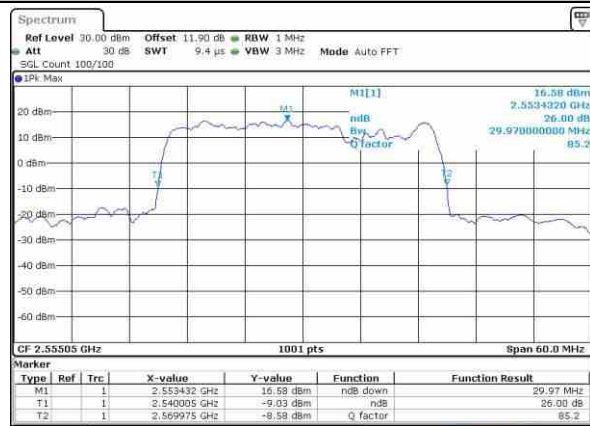
Middle Channel / 20MHz+10MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+10MHz

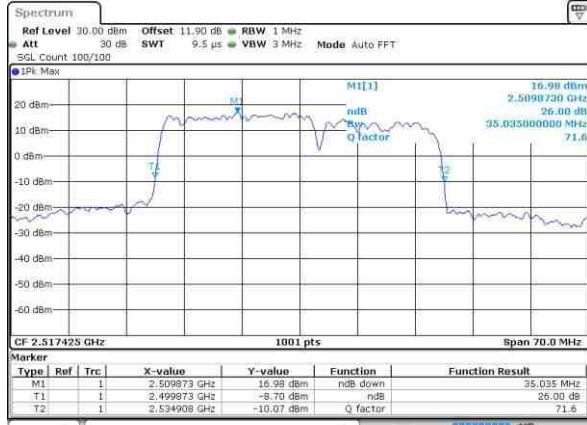




LTE Band 7

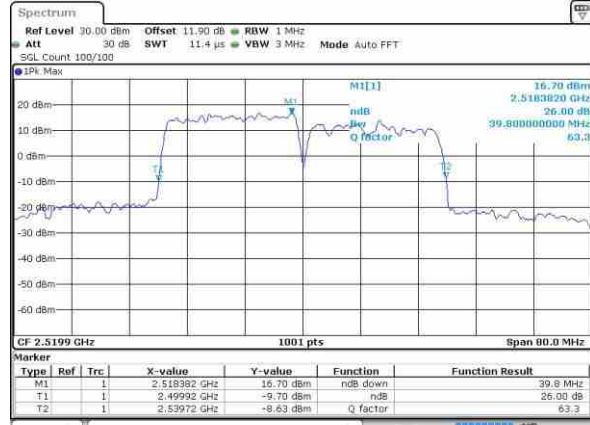
64QAM

Lowest Channel / 20MHz+15MHz



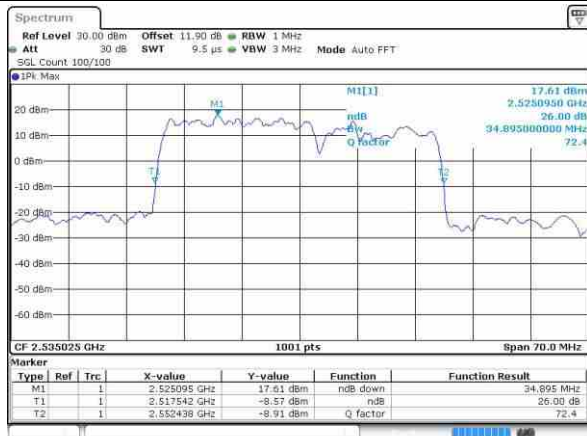
Date: 10 MAY 2019 19:52:42

Lowest Channel / 20MHz+20MHz



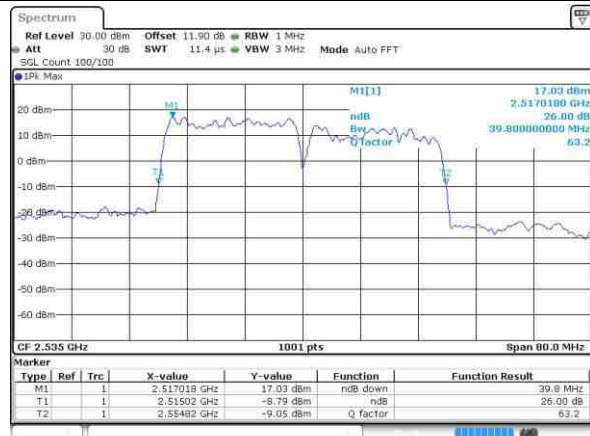
Date: 10 MAY 2019 20:13:52

Middle Channel / 20MHz+15MHz



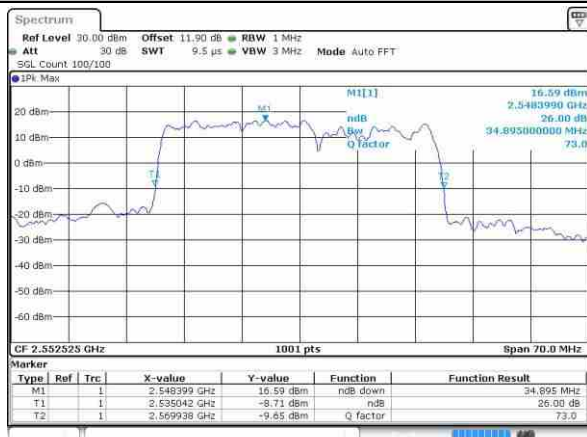
Date: 10 MAY 2019 20:00:31

Middle Channel / 20MHz+20MHz



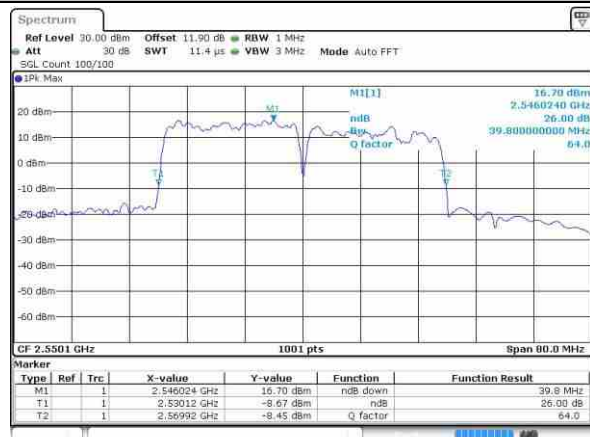
Date: 10 MAY 2019 20:19:10

Highest Channel / 20MHz+15MHz



Date: 10 MAY 2019 20:06:34

Highest Channel / 20MHz+20MHz



Date: 10 MAY 2019 20:26:01

Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.87	-	23.43	28.59
Middle CH	27.93	-	23.28	28.59
Highest CH	27.69	-	23.38	28.23
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	27.99	32.66	37.48
Middle CH	32.73	28.11	32.80	37.64
Highest CH	32.80	27.63	32.66	37.56

Mode	LTE Band 7 : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.69	-	23.38	28.41
Middle CH	27.75	-	23.48	28.59
Highest CH	27.69	-	23.33	28.29
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	33.01	27.75	32.80	37.48
Middle CH	33.01	27.81	32.66	37.56
Highest CH	32.38	27.81	32.66	37.64

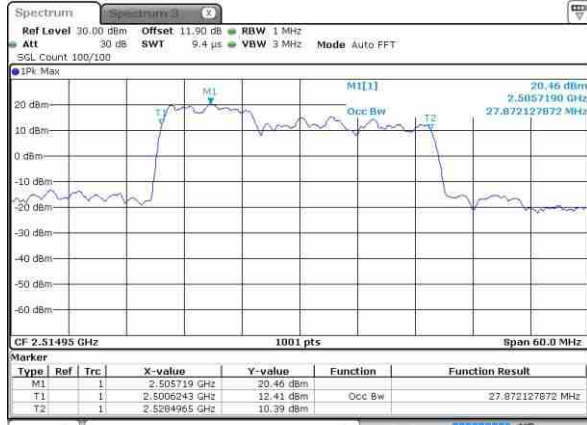
Mode	LTE Band 7 : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.87	-	23.43	28.59
Middle CH	27.99	-	23.48	28.59
Highest CH	27.75	-	23.28	28.29
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	27.99	32.59	37.72
Middle CH	32.59	27.93	32.80	37.32
Highest CH	32.80	27.99	32.73	37.48



LTE Band 7

QPSK

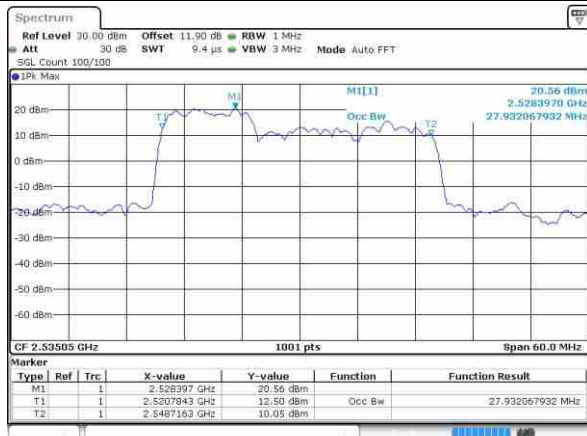
Lowest Channel / 10MHz+20MHz



Date: 1 MAR 2019 01:28:51

Lowest Channel / 15MHz+5MHz

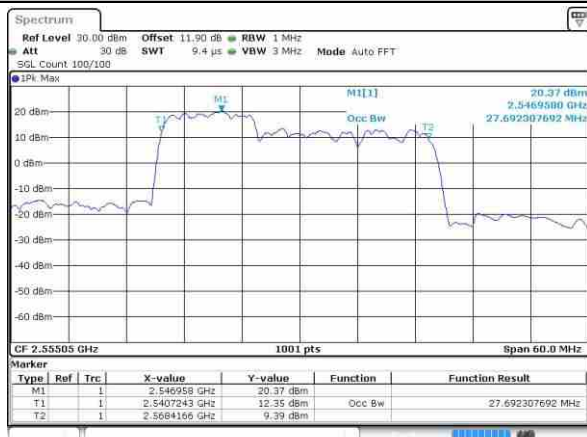
Middle Channel / 10MHz+20MHz



Date: 3 MAR 2019 14:58:02

Middle Channel / 15MHz+5MHz

Highest Channel / 10MHz+20MHz



Date: 3 MAR 2019 15:01:14

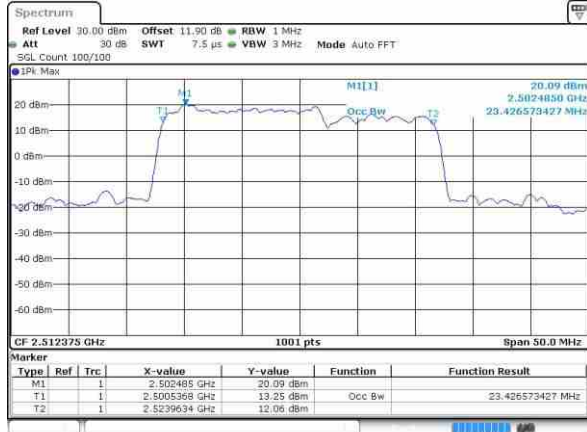
Highest Channel / 15MHz+5MHz



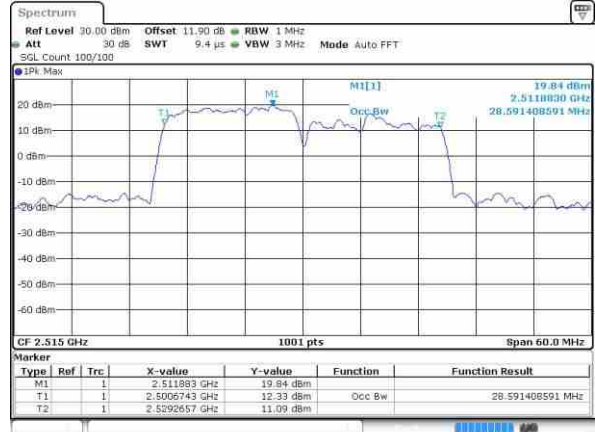
LTE Band 7

QPSK

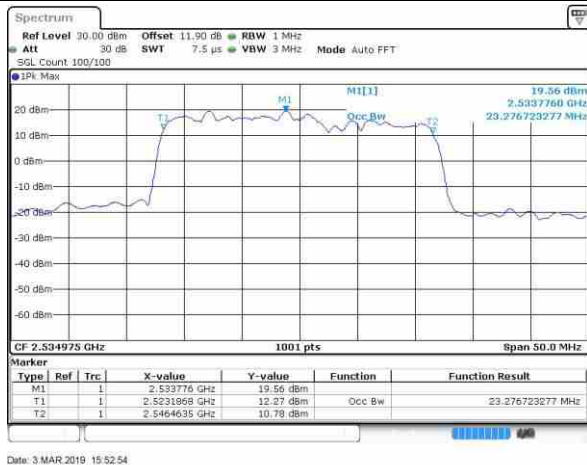
Lowest Channel / 15MHz+10MHz



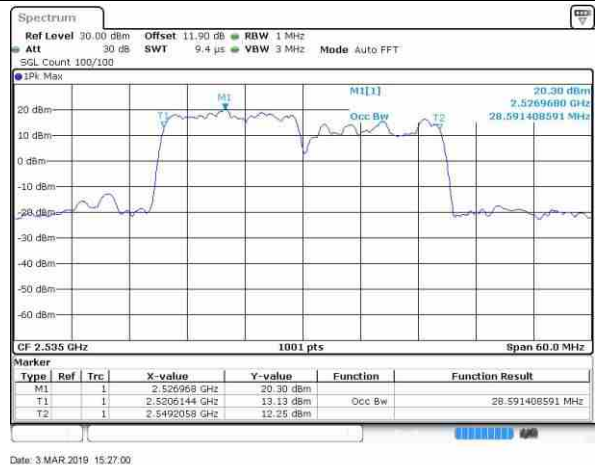
Lowest Channel / 15MHz+15MHz



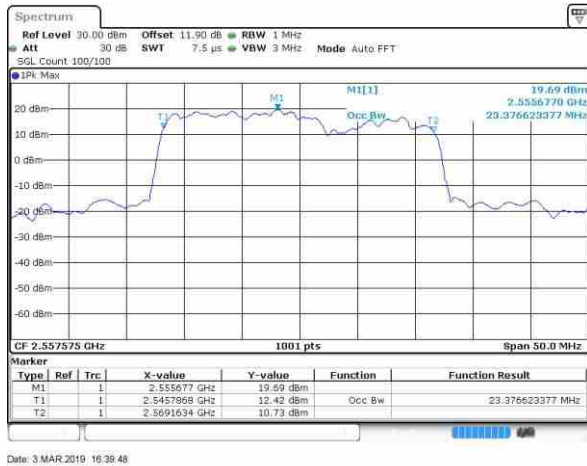
Middle Channel / 15MHz+10MHz



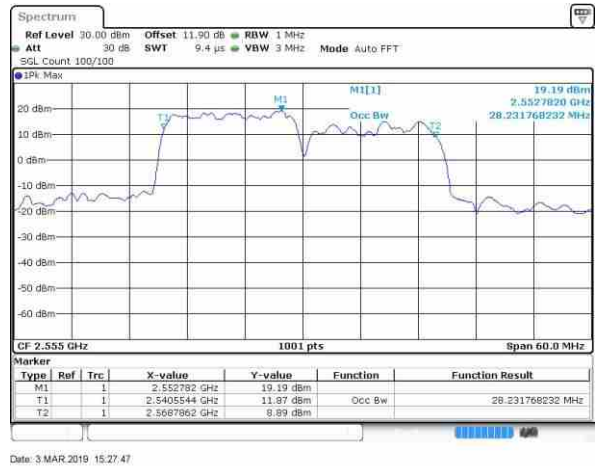
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

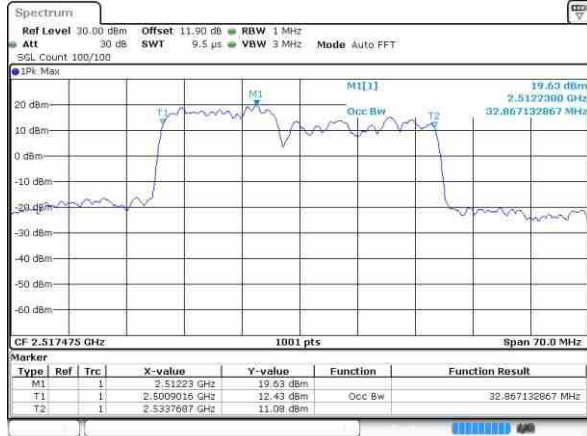




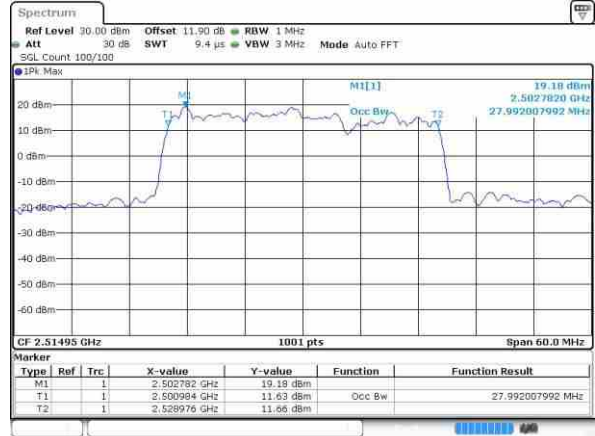
LTE Band 7

QPSK

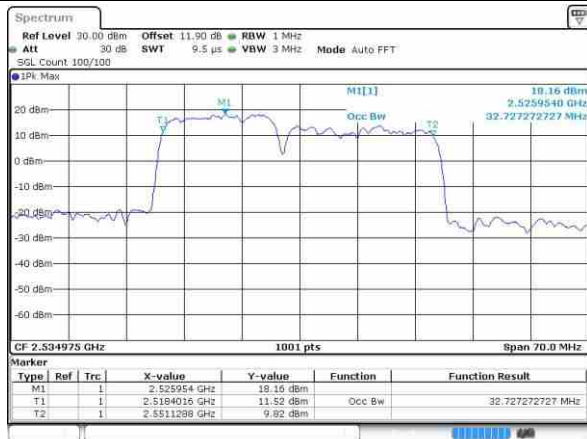
Lowest Channel / 15MHz+20MHz



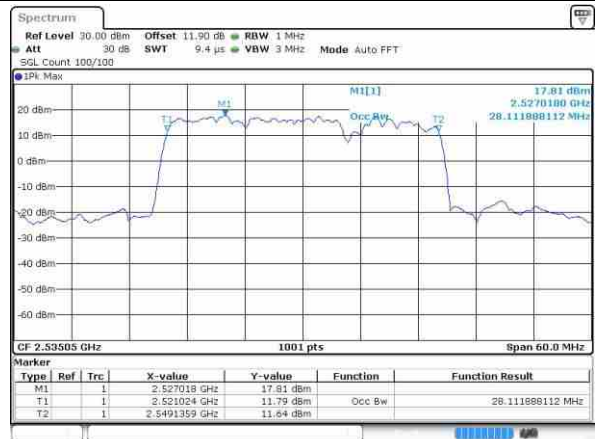
Lowest Channel / 20MHz+10MHz



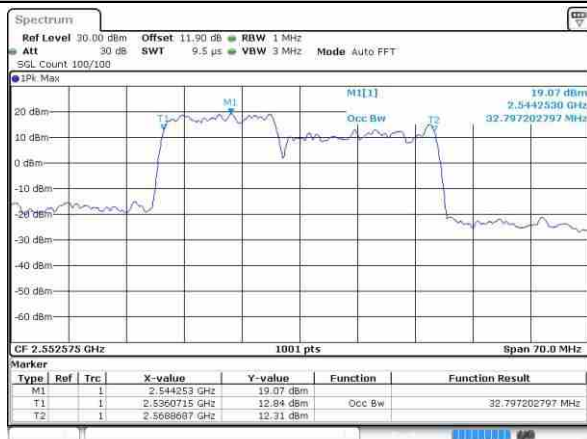
Middle Channel / 15MHz+20MHz



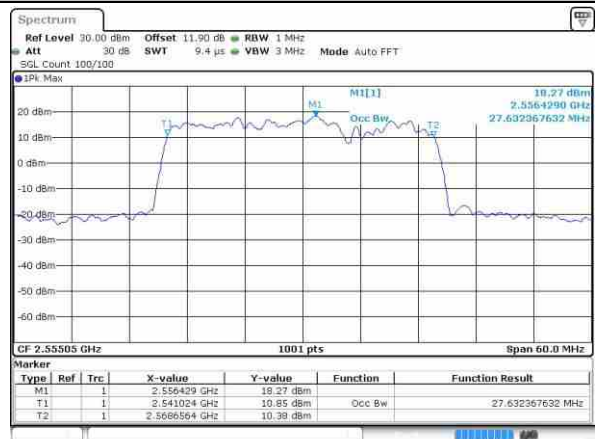
Middle Channel / 20MHz+10MHz

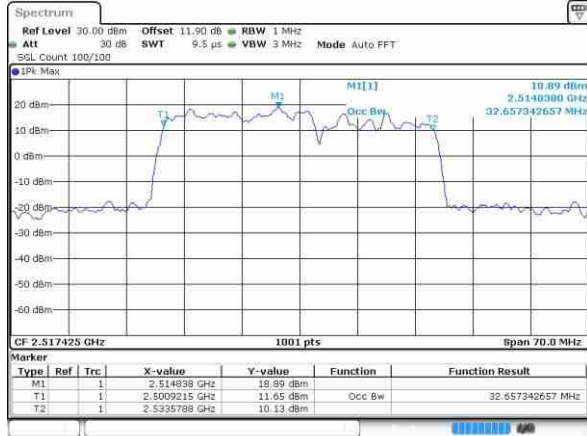
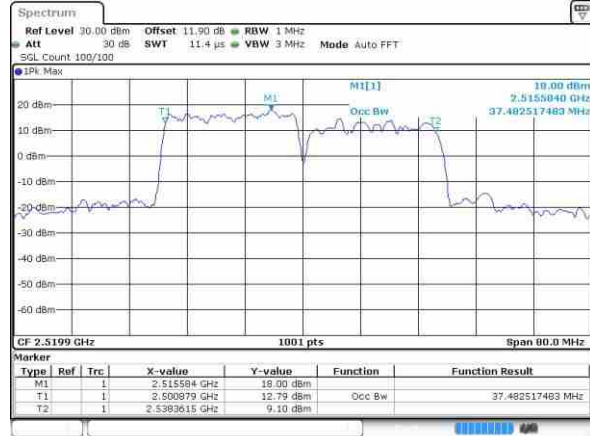
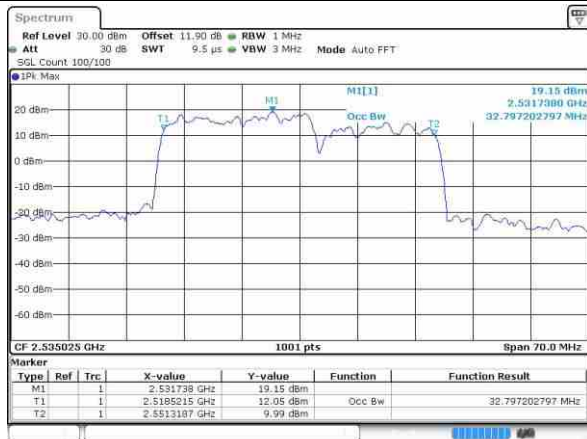
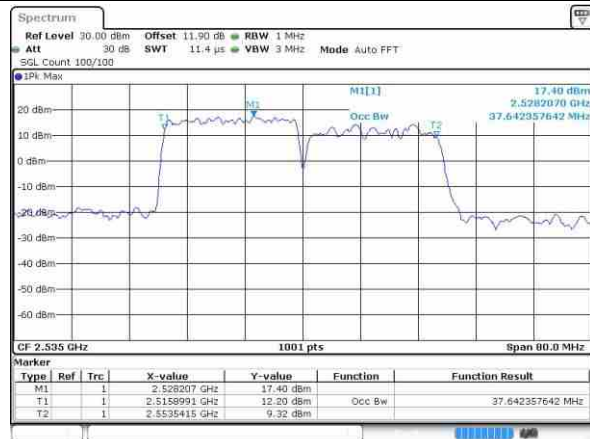
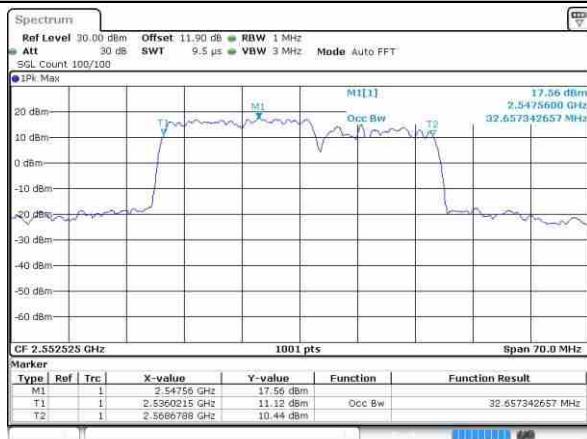
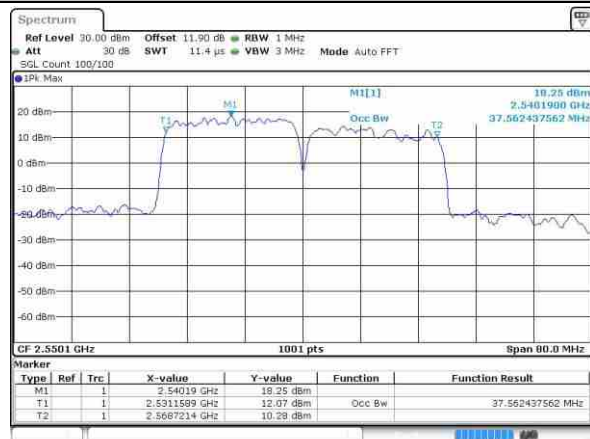


Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+10MHz



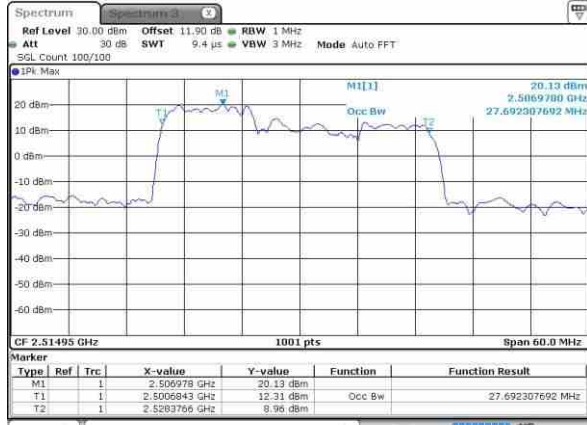
LTE Band 7
QPSK
Lowest Channel / 20MHz+15MHz

Lowest Channel / 20MHz+20MHz

Middle Channel / 20MHz+15MHz

Middle Channel / 20MHz+20MHz

Highest Channel / 20MHz+15MHz

Highest Channel / 20MHz+20MHz




LTE Band 7

16QAM

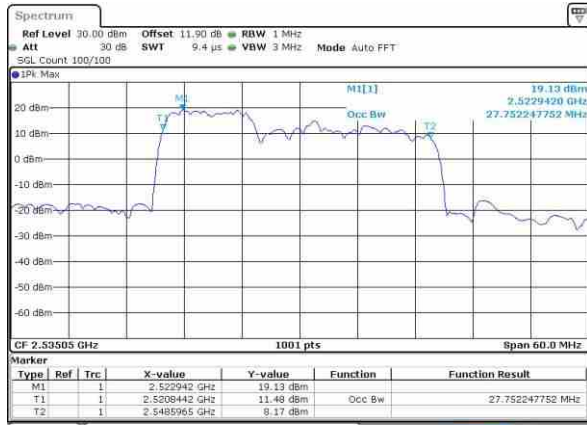
Lowest Channel / 10MHz+20MHz



Date: 1 MAR 2019 01:28:13

Lowest Channel / 15MHz+5MHz

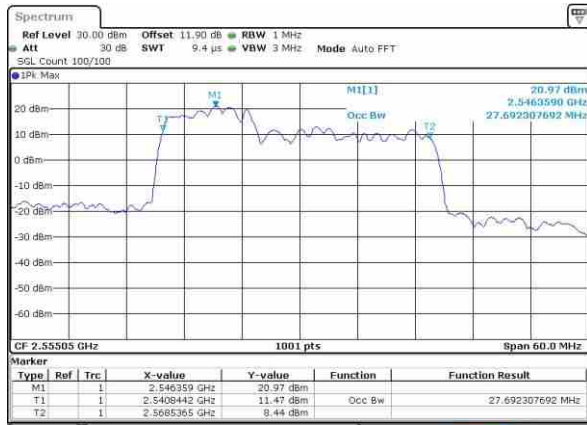
Middle Channel / 10MHz+20MHz



Date: 3 MAR 2019 14:58:29

Middle Channel / 15MHz+5MHz

Highest Channel / 10MHz+20MHz



Date: 3 MAR 2019 15:00:47

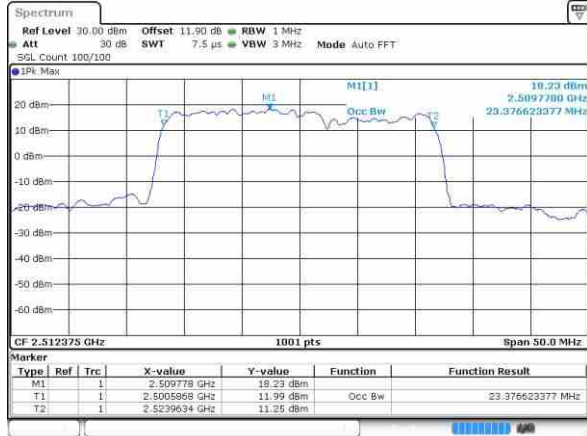
Highest Channel / 15MHz+5MHz



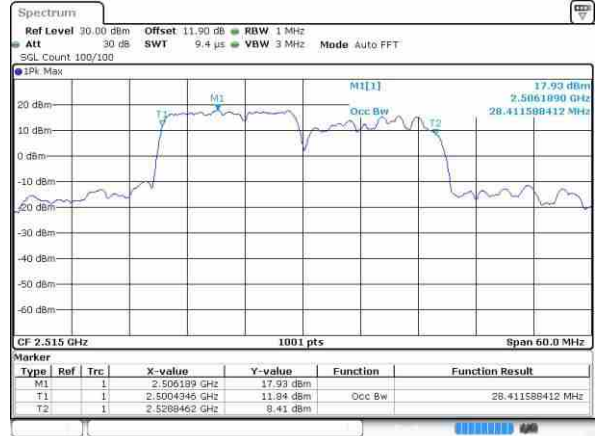
LTE Band 7

16QAM

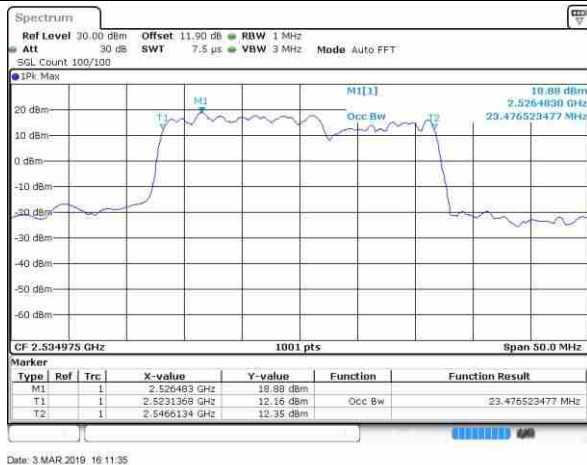
Lowest Channel / 15MHz+10MHz



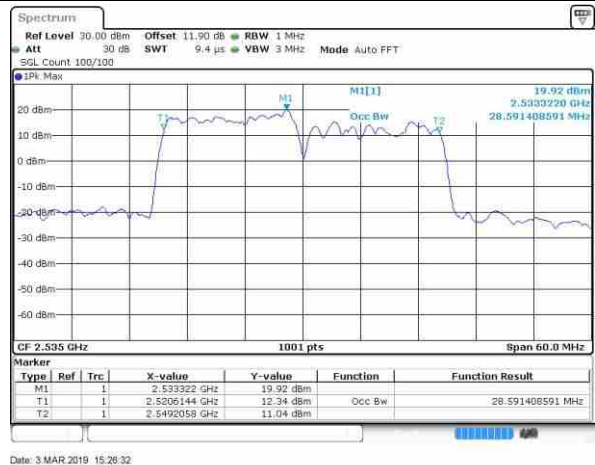
Lowest Channel / 15MHz+15MHz



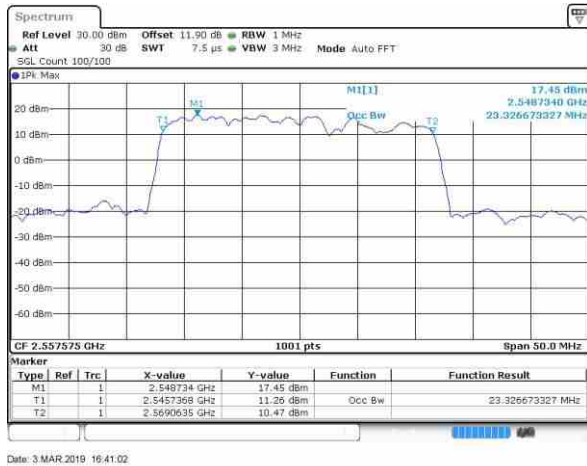
Middle Channel / 15MHz+10MHz



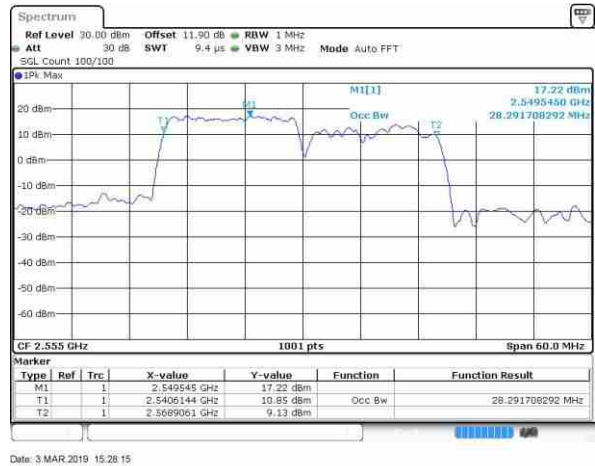
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

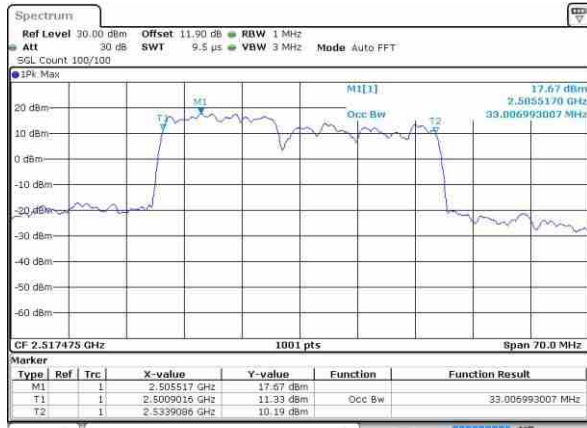




LTE Band 7

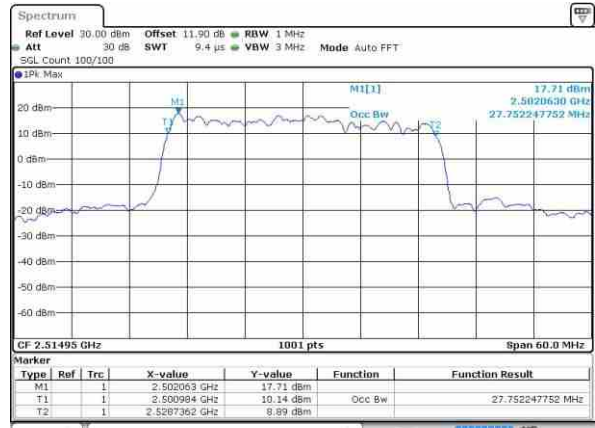
16QAM

Lowest Channel / 15MHz+20MHz



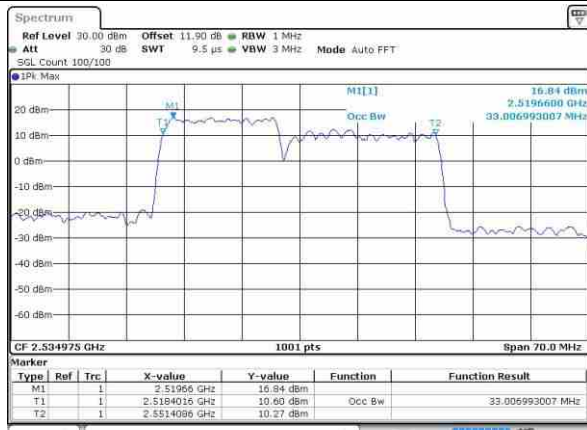
Date: 10 MAY 2019 19:05:16

Lowest Channel / 20MHz+10MHz



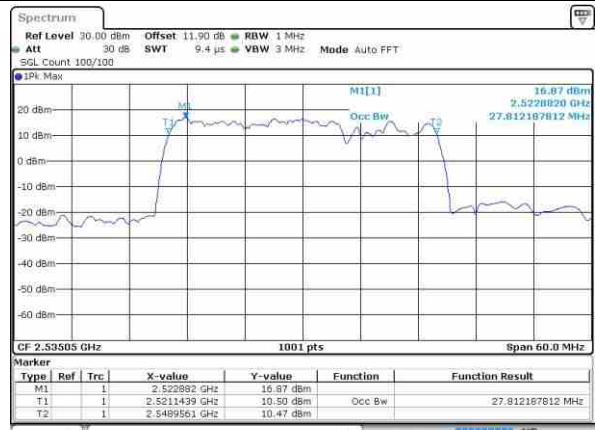
Date: 1 MAR 2019 11:59:41

Middle Channel / 15MHz+20MHz



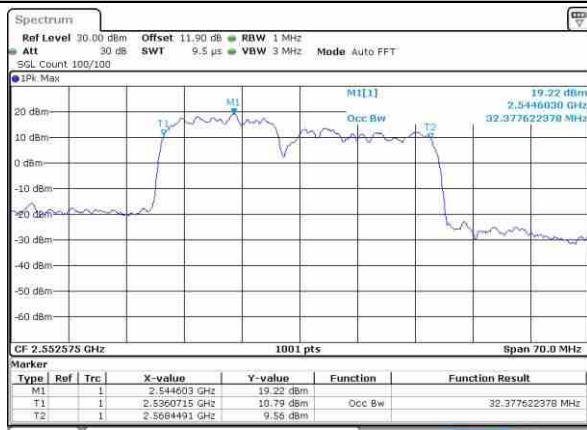
Date: 10 MAY 2019 19:27:19

Middle Channel / 20MHz+10MHz



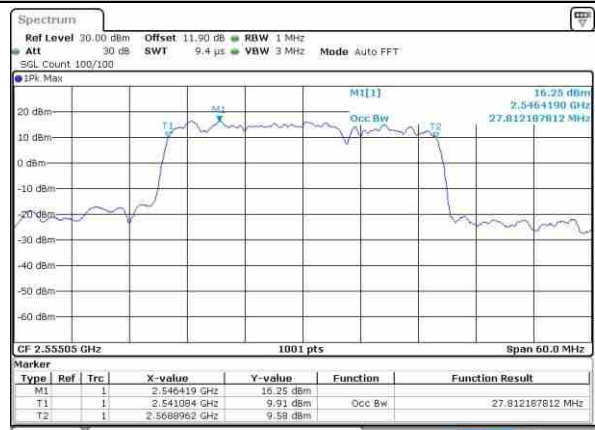
Date: 1 MAR 2019 14:03:57

Highest Channel / 15MHz+20MHz



Date: 10 MAY 2019 19:48:06

Highest Channel / 20MHz+10MHz



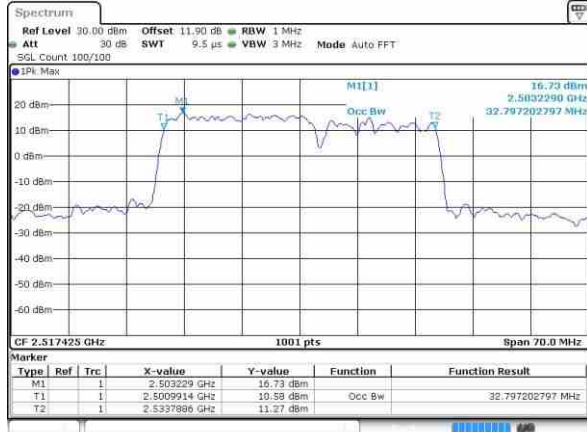
Date: 1 MAR 2019 14:42:34



LTE Band 7

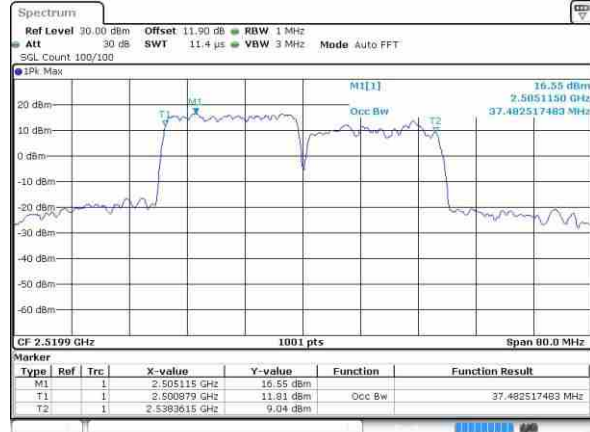
16QAM

Lowest Channel / 20MHz+15MHz



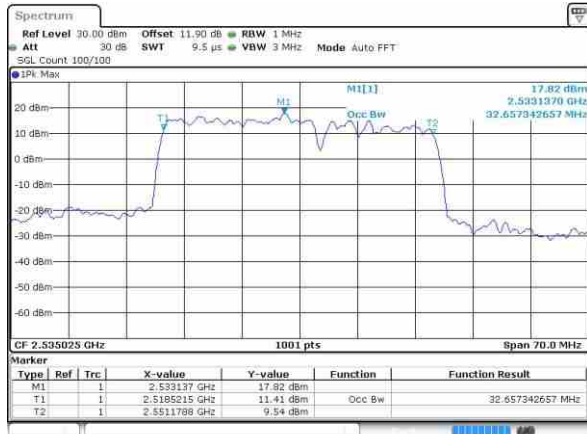
Date: 10 MAY 2019 19:51:56

Lowest Channel / 20MHz+20MHz



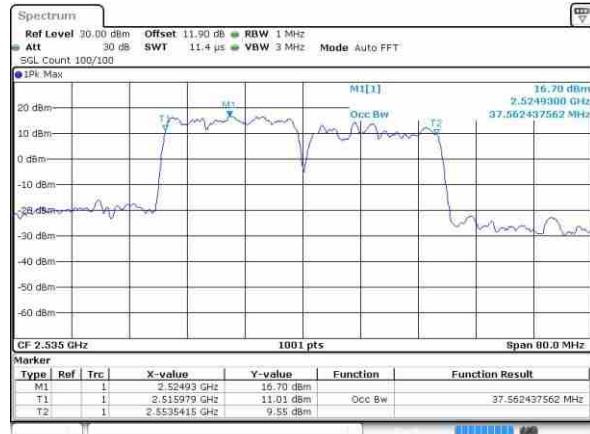
Date: 10 MAY 2019 20:13:06

Middle Channel / 20MHz+15MHz



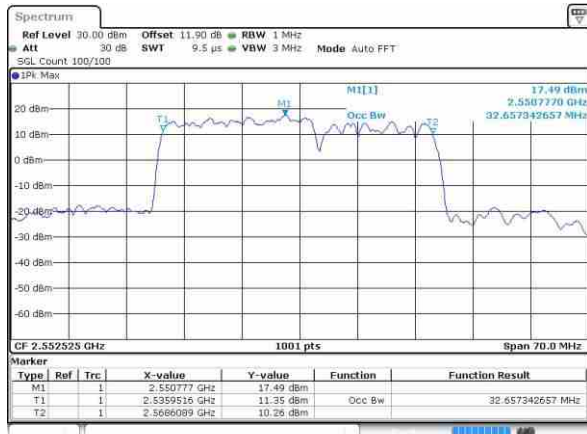
Date: 10 MAY 2019 19:59:45

Middle Channel / 20MHz+20MHz



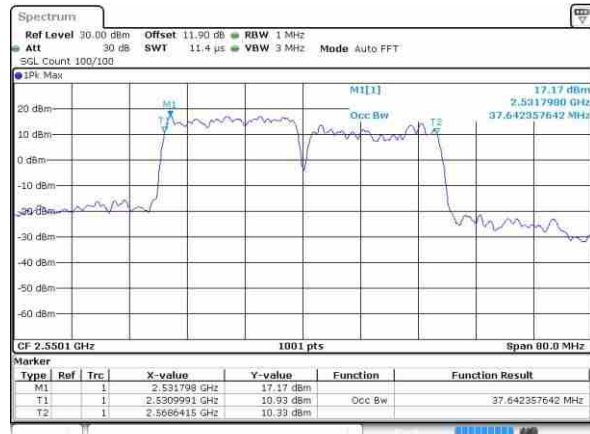
Date: 10 MAY 2019 20:18:24

Highest Channel / 20MHz+15MHz



Date: 10 MAY 2019 20:05:01

Highest Channel / 20MHz+20MHz



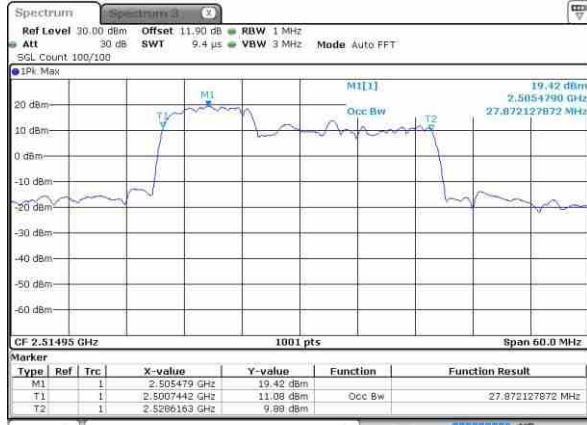
Date: 10 MAY 2019 20:24:28



LTE Band 7

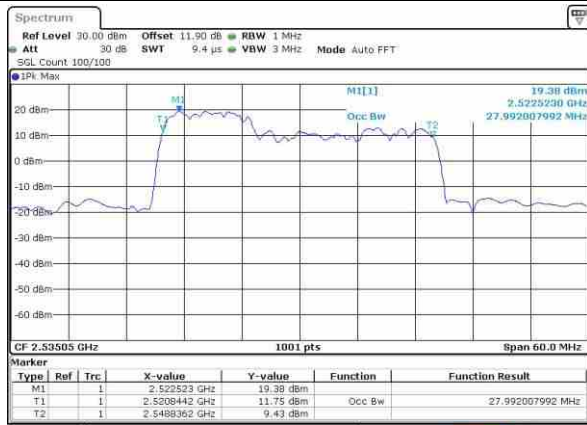
64QAM

Lowest Channel / 10MHz+20MHz



Lowest Channel / 15MHz+5MHz

Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+5MHz

Highest Channel / 10MHz+20MHz



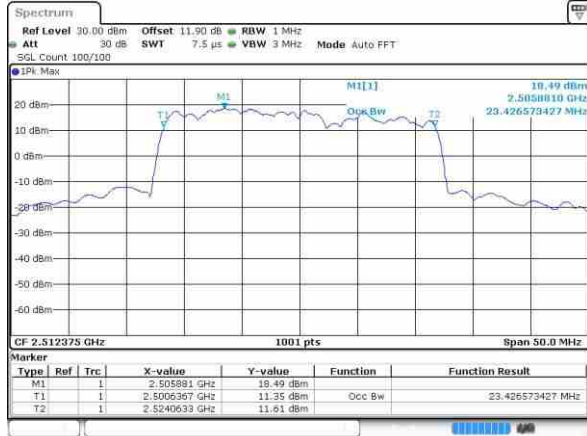
Highest Channel / 15MHz+5MHz



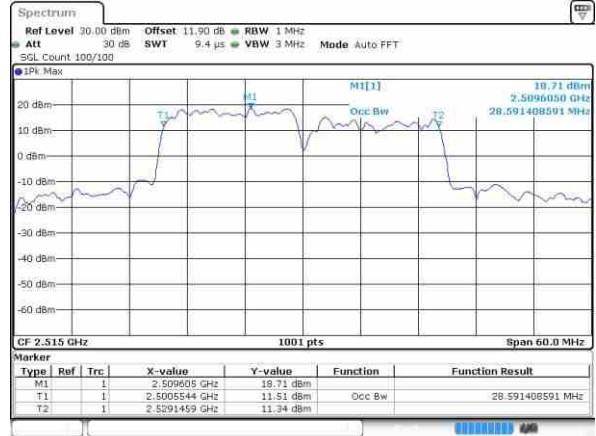
LTE Band 7

64QAM

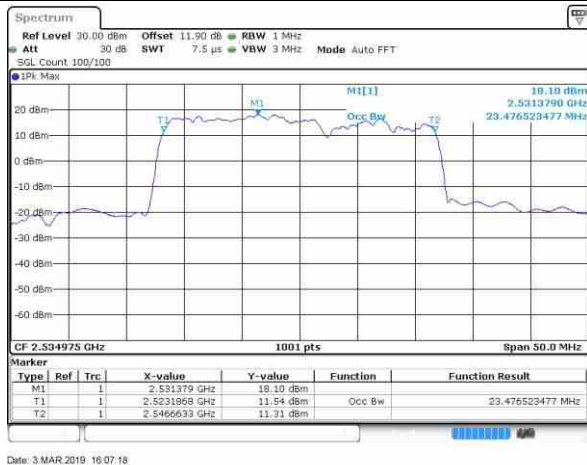
Lowest Channel / 15MHz+10MHz



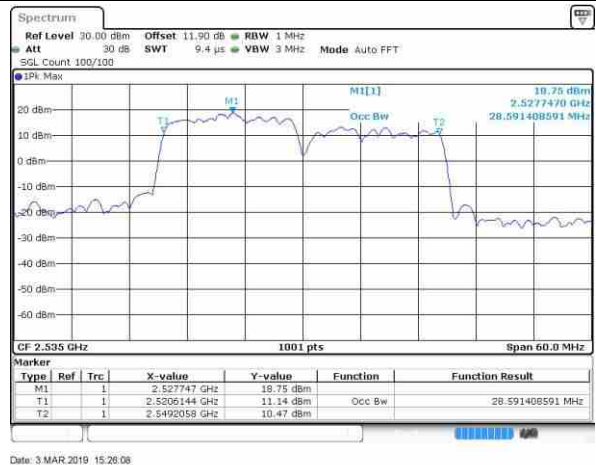
Lowest Channel / 15MHz+15MHz



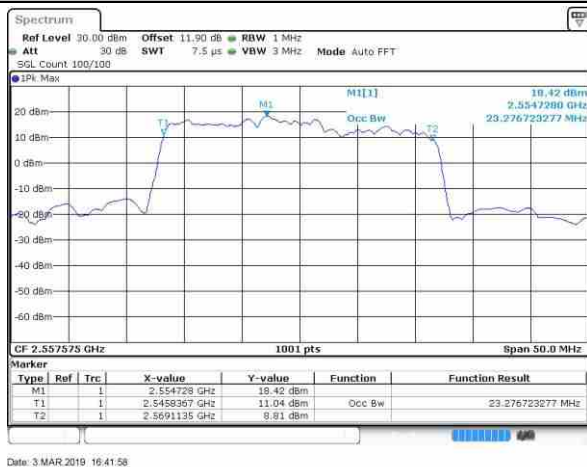
Middle Channel / 15MHz+10MHz



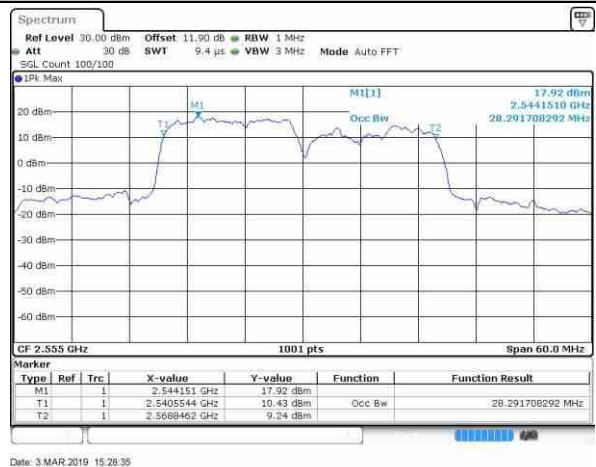
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

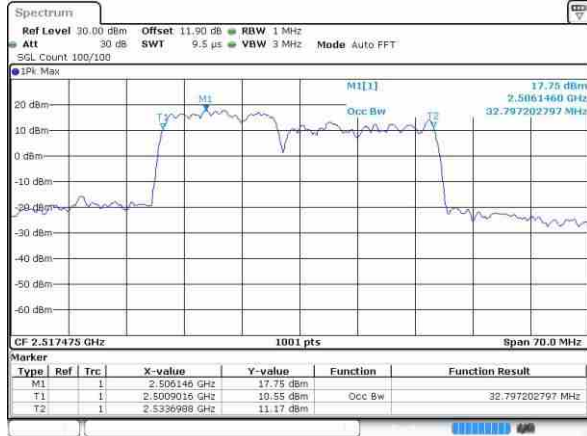




LTE Band 7

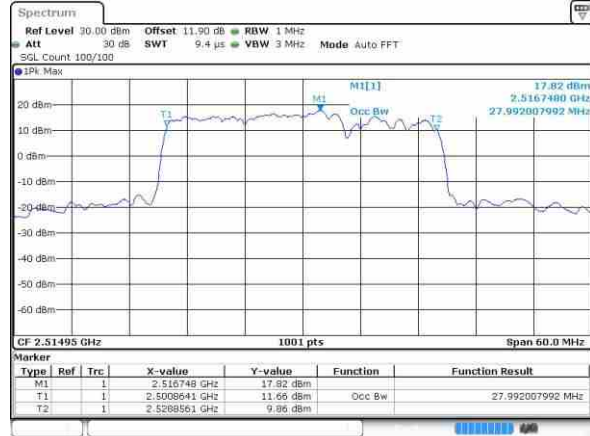
64QAM

Lowest Channel / 15MHz+20MHz



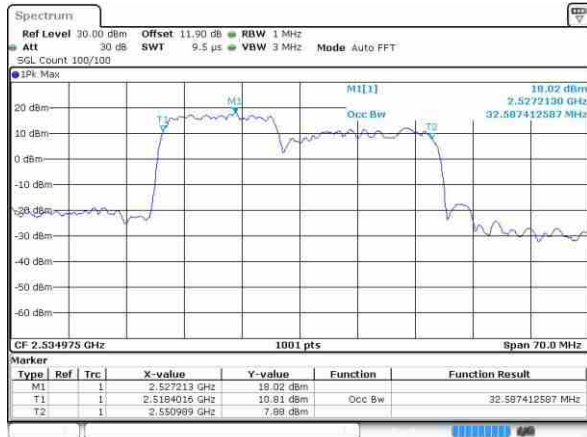
Date: 10 MAY 2019 19:06:39

Lowest Channel / 20MHz+10MHz



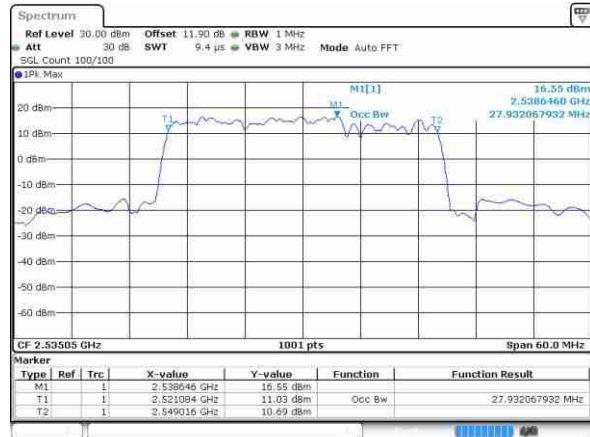
Date: 1 MAR 2019 12:00:08

Middle Channel / 15MHz+20MHz



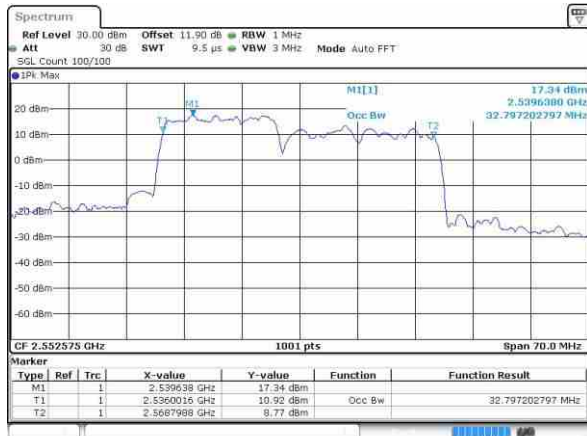
Date: 10 MAY 2019 19:27:43

Middle Channel / 20MHz+10MHz



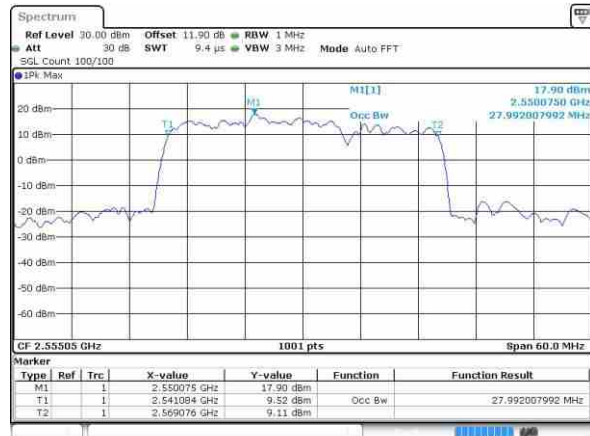
Date: 1 MAR 2019 14:06:33

Highest Channel / 15MHz+20MHz



Date: 10 MAY 2019 19:47:42

Highest Channel / 20MHz+10MHz



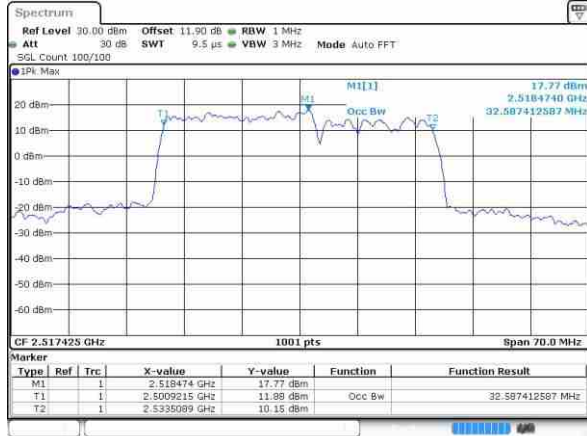
Date: 1 MAR 2019 14:46:05



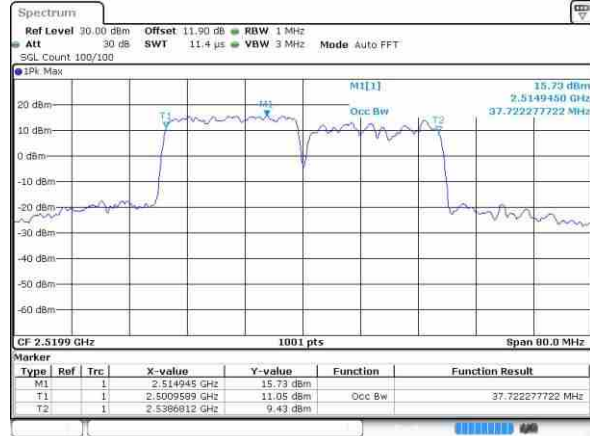
LTE Band 7

64QAM

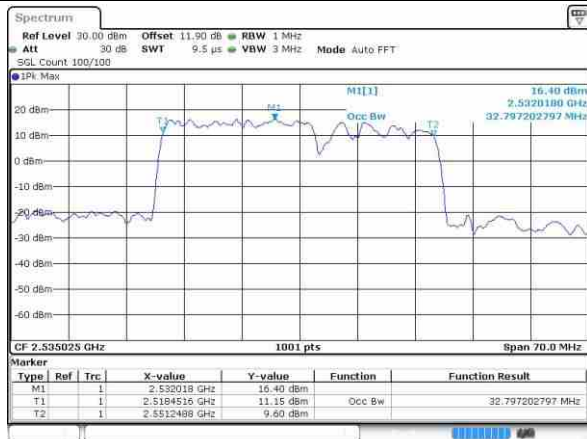
Lowest Channel / 20MHz+15MHz



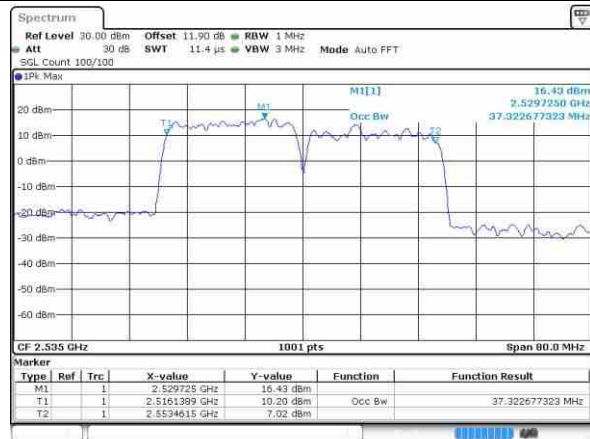
Lowest Channel / 20MHz+20MHz



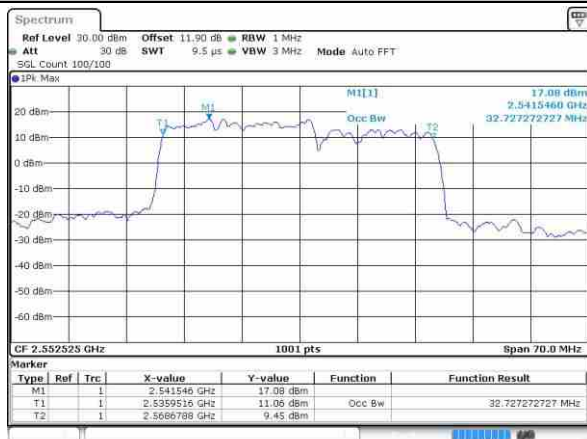
Middle Channel / 20MHz+15MHz



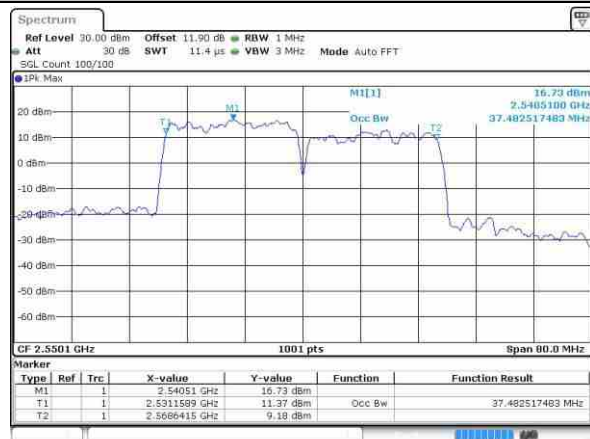
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz





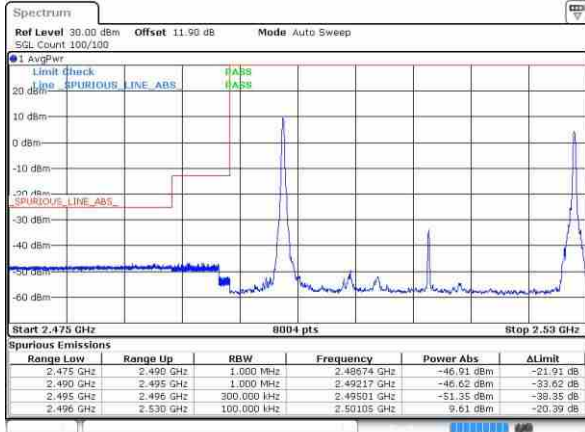
Conducted Band Edge



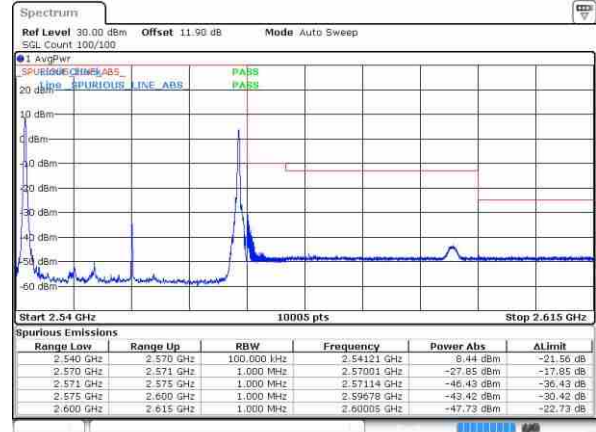
LTE Band 7 / 10MHz+20MHz

QPSK

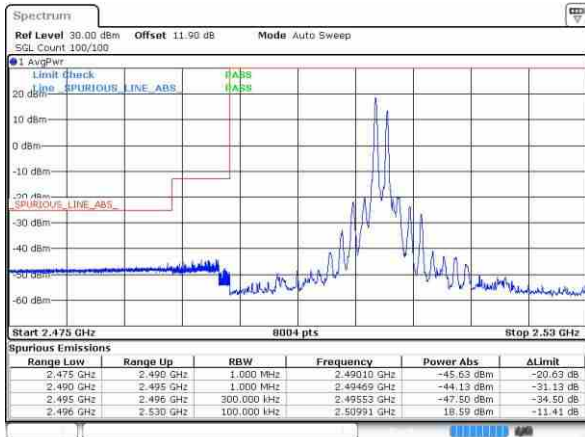
Lowest Band Edge / 1RB0 and 1RB99



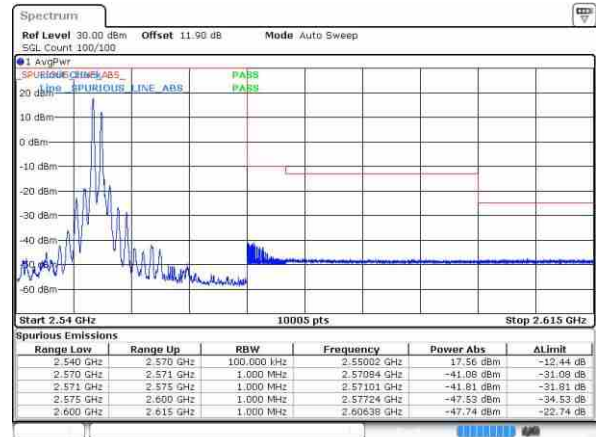
Highest Band Edge / 1RB0 and 1RB99



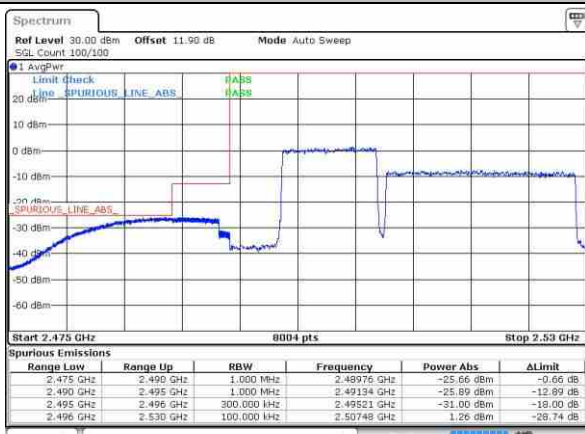
Lowest Band Edge / 1RB49 and 1RB0



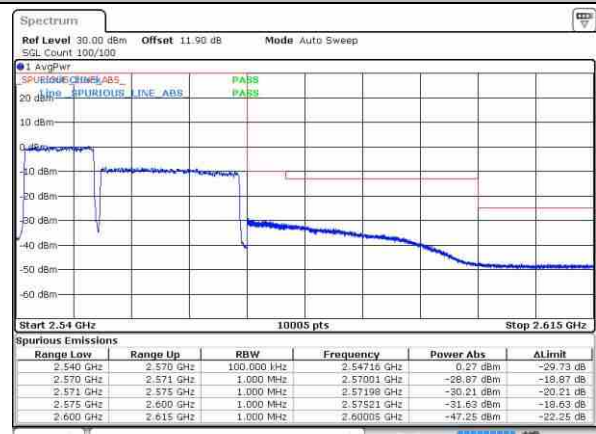
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

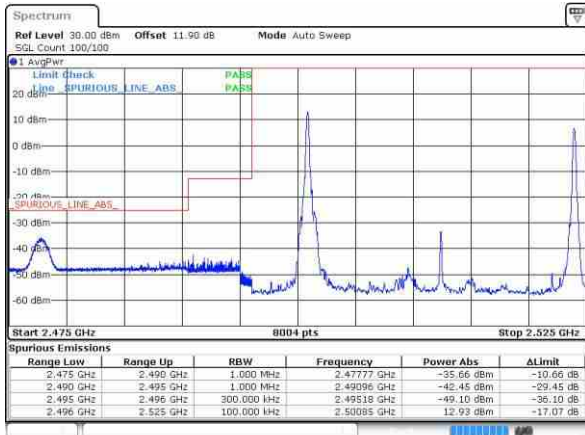




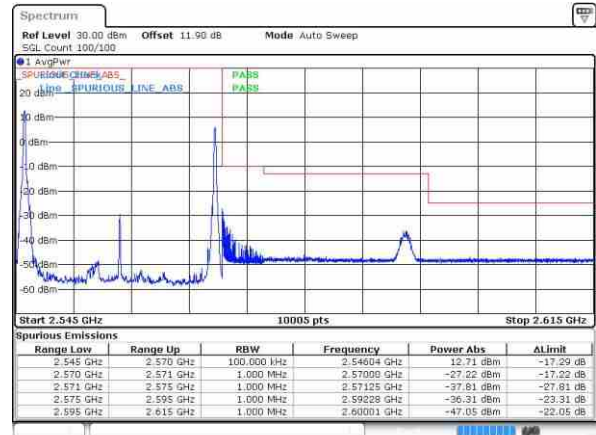
LTE Band 7 / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49



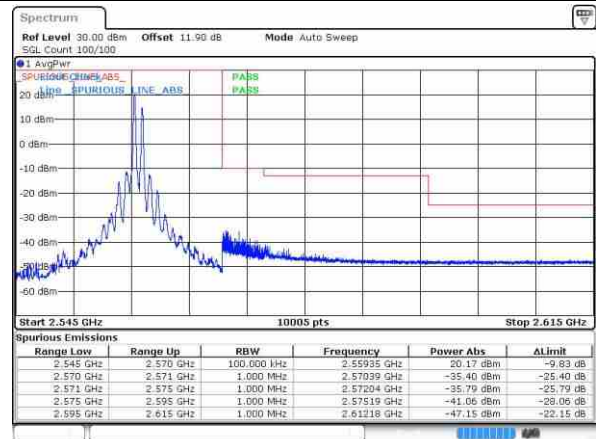
Highest Band Edge / 1RB0 and 1RB49



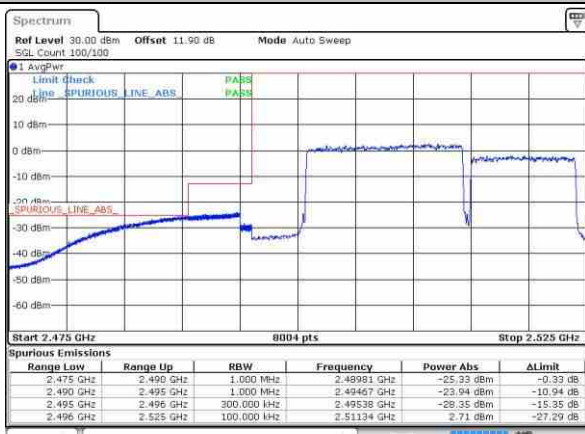
Lowest Band Edge / 1RB74 and 1RB0



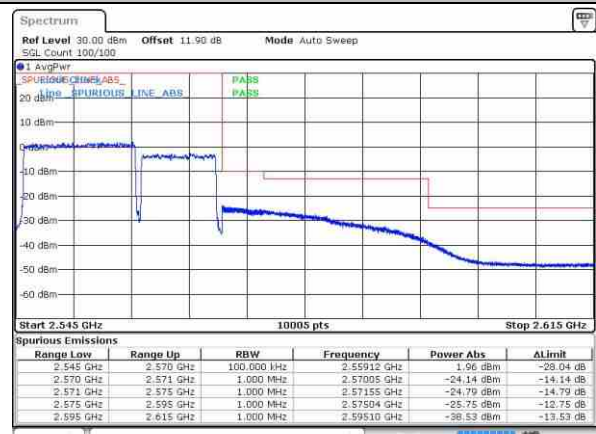
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

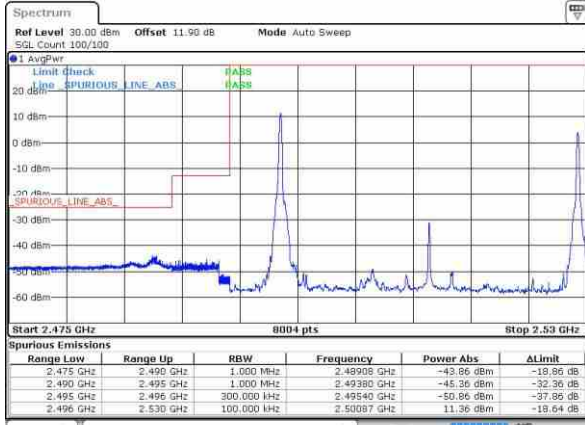




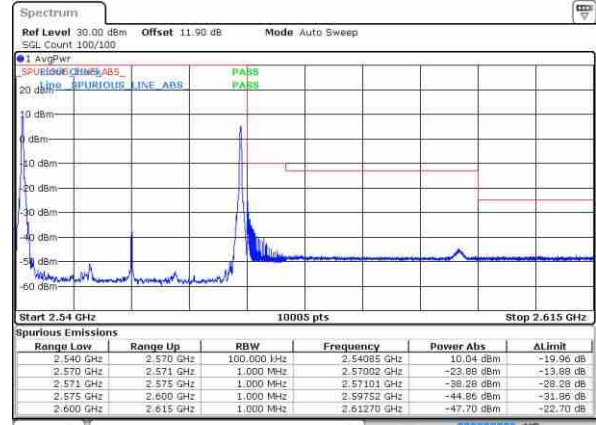
LTE Band 7 / 15MHz+15MHz

QPSK

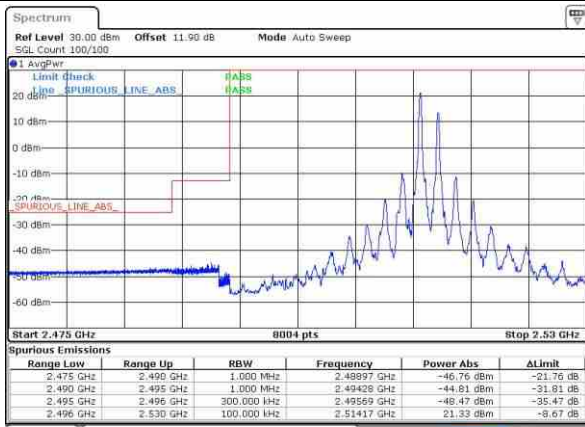
Lowest Band Edge / 1RB0 and 1RB74



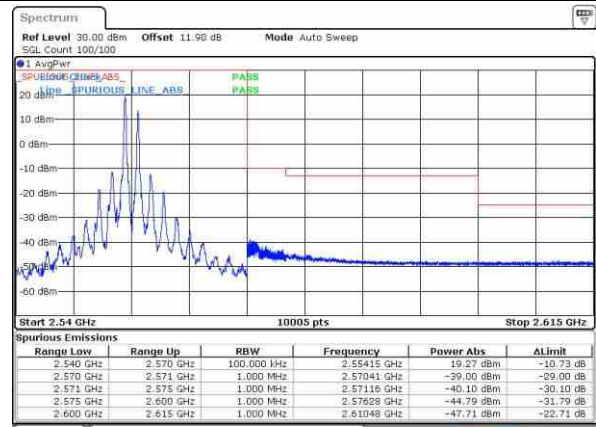
Highest Band Edge / 1RB0 and 1RB74



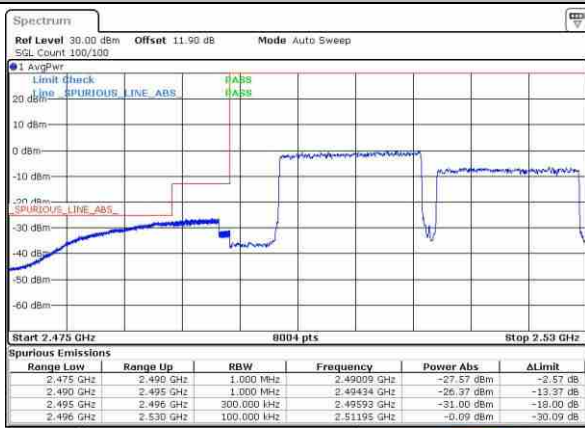
Lowest Band Edge / 1RB74 and 1RB0



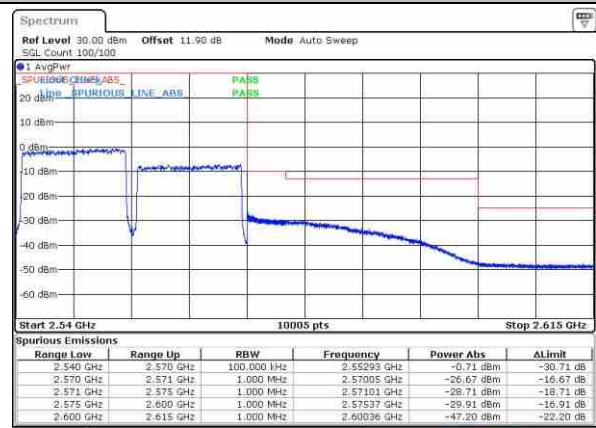
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

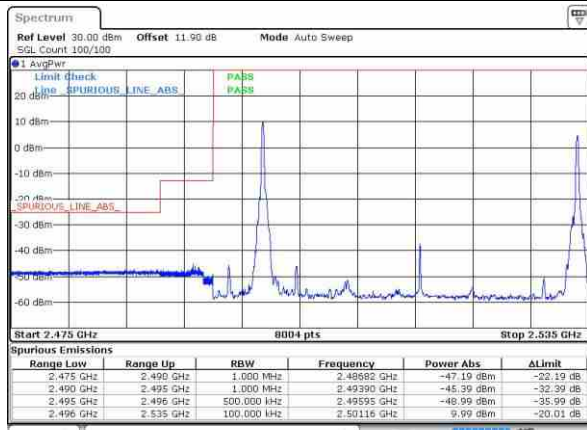




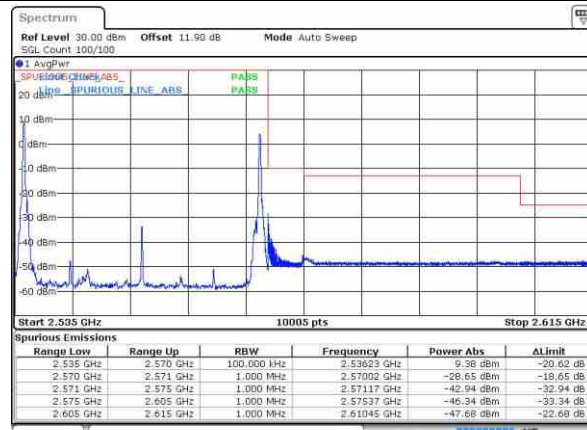
LTE Band 7 / 15MHz+20MHz

QPSK

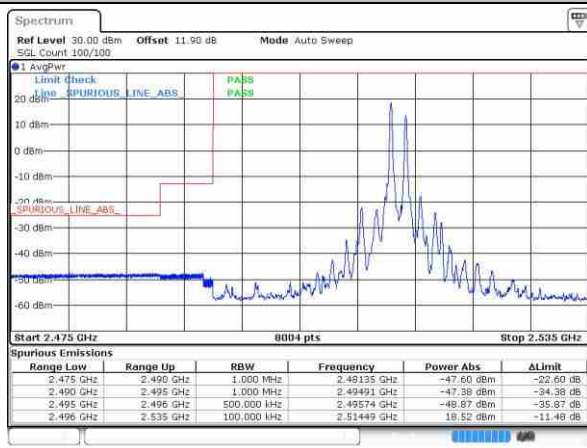
Lowest Band Edge / 1RB0 and 1RB99



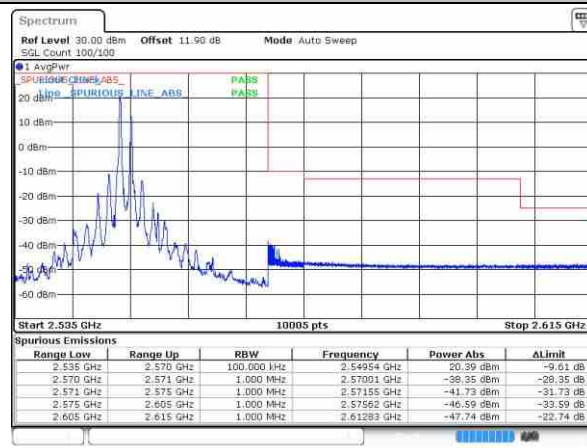
Highest Band Edge / 1RB0 and 1RB99



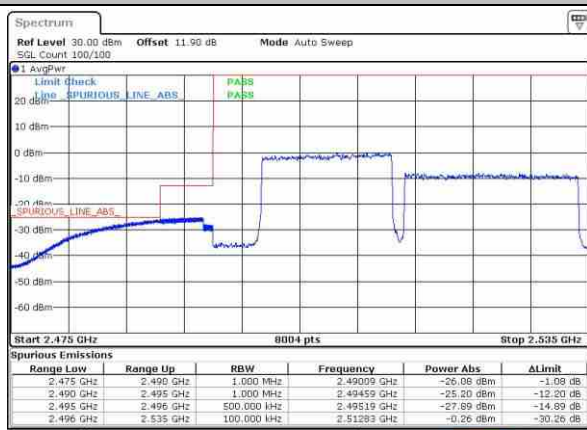
Lowest Band Edge / 1RB74 and 1RB0



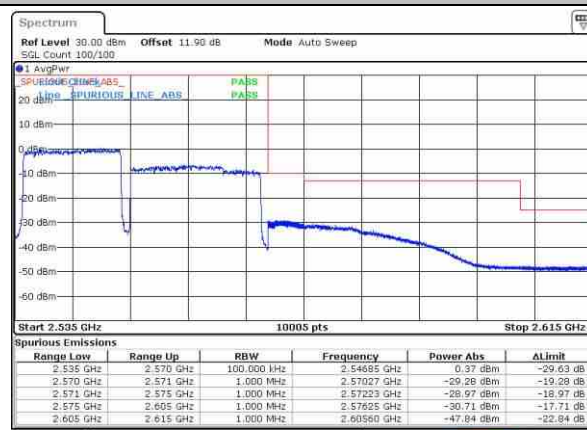
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Lowest Band Edge / 1RB0 and 1RB49



Highest Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB99 and 1RB0



Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

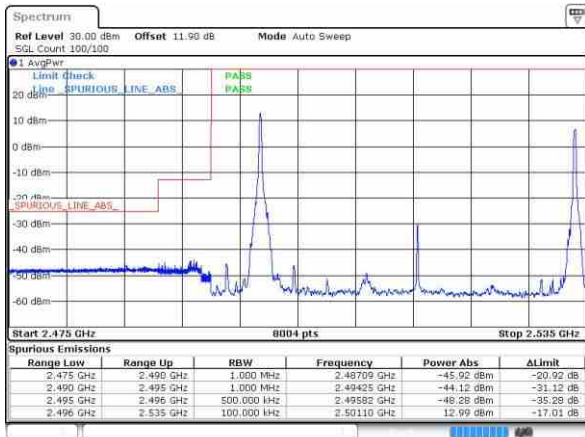




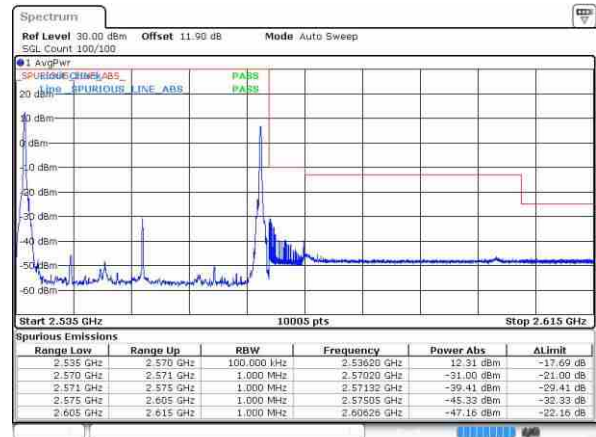
LTE Band 7 / 20MHz+15MHz

QPSK

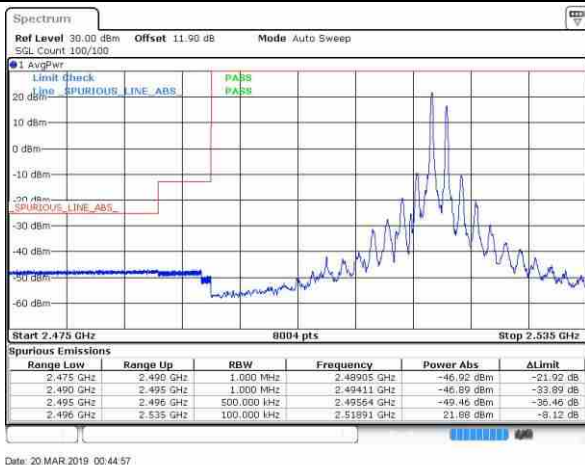
Lowest Band Edge / 1RB0 and 1RB74



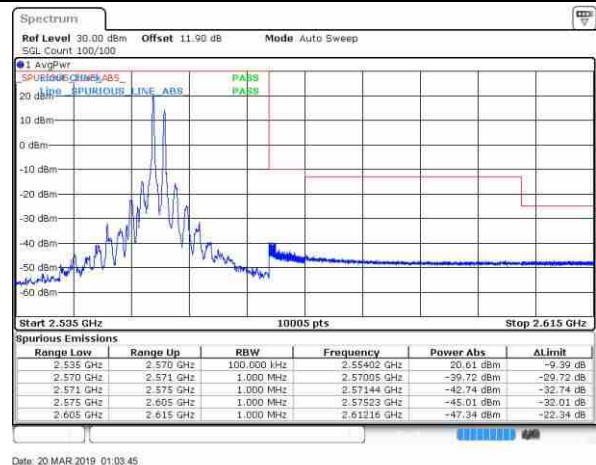
Highest Band Edge / 1RB0 and 1RB74



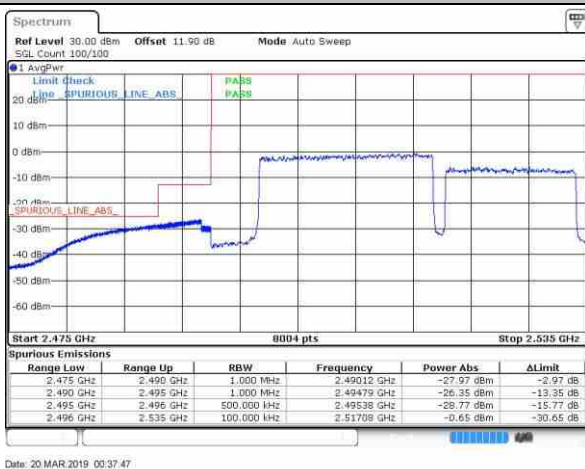
Lowest Band Edge / 1RB99 and 1RB0



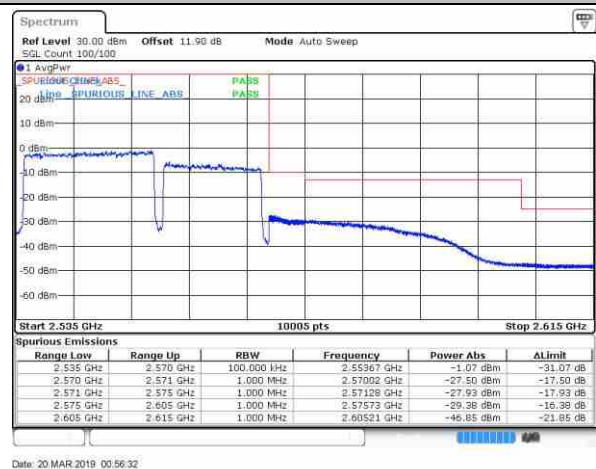
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

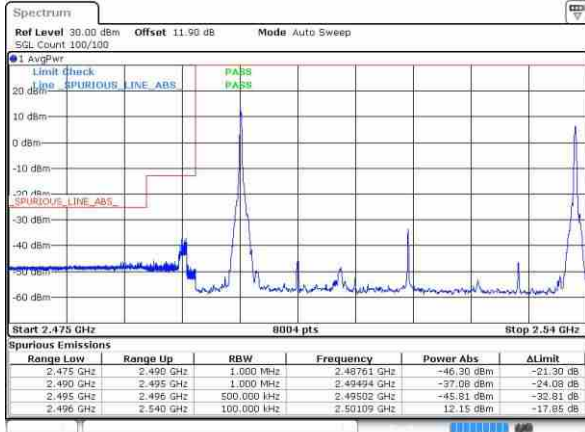




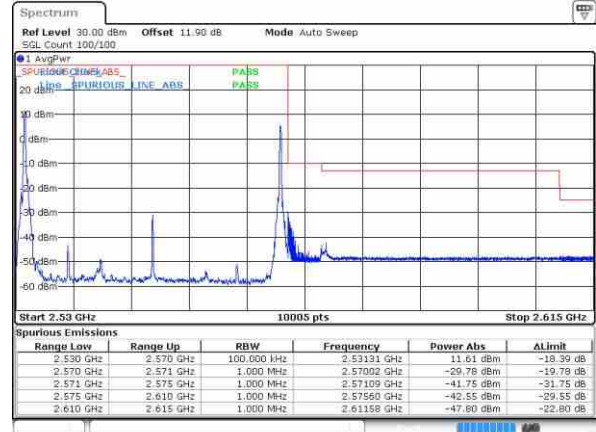
LTE Band 7 / 20MHz+20MHz

QPSK

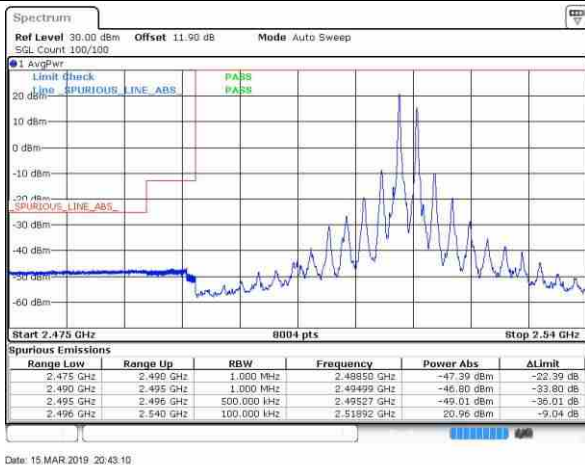
Lowest Band Edge / 1RB0 and 1RB99



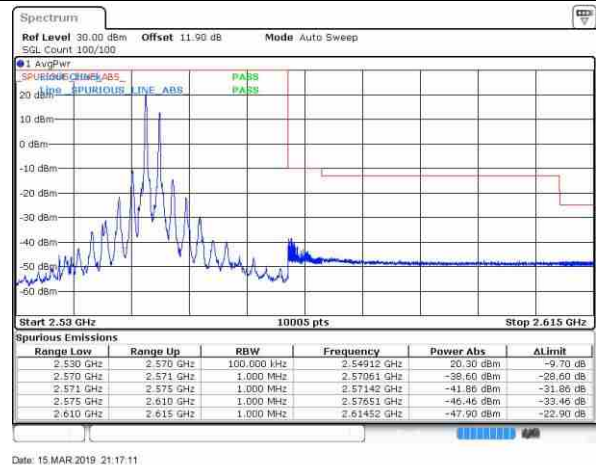
Highest Band Edge / 1RB0 and 1RB99



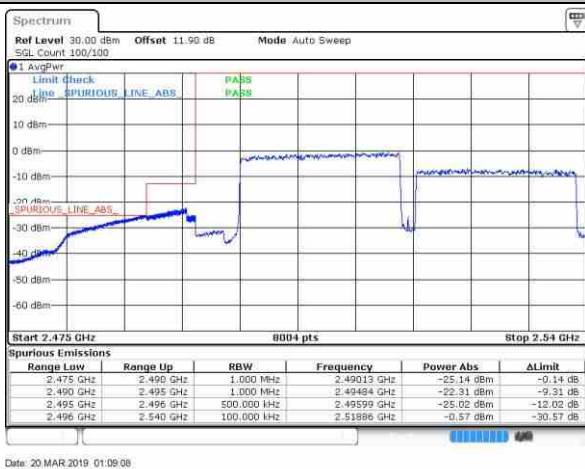
Lowest Band Edge / 1RB99 and 1RB0



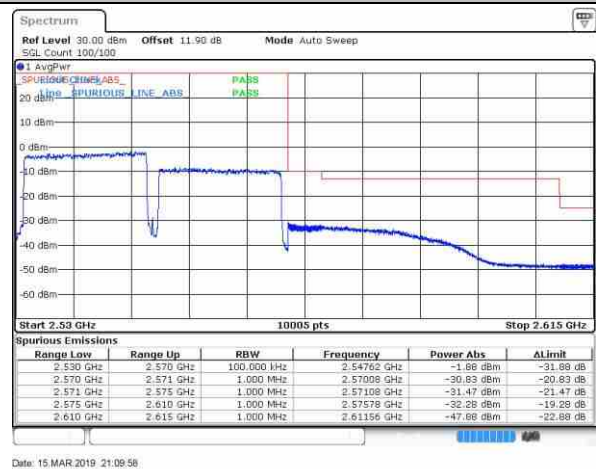
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

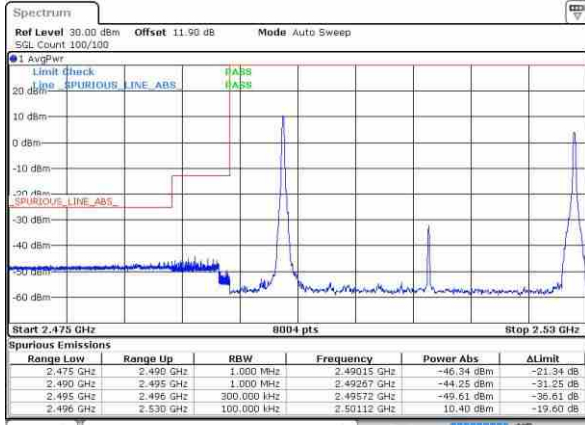




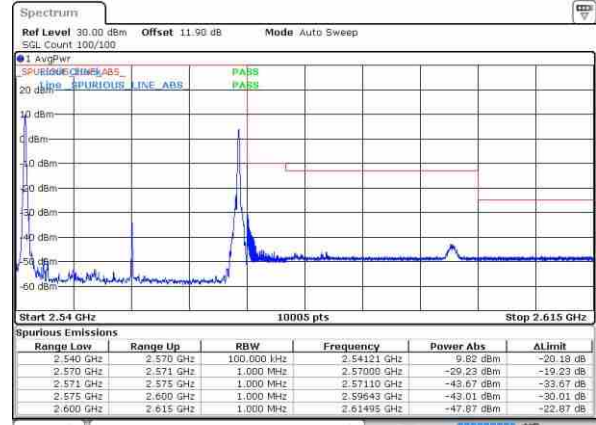
LTE Band 7 / 10MHz+20MHz

16QAM

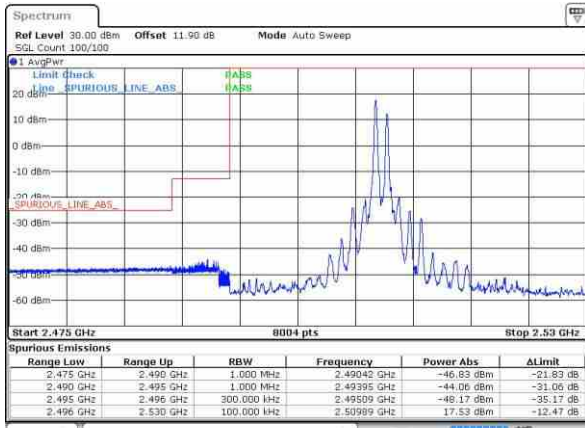
Lowest Band Edge / 1RB0 and 1RB99



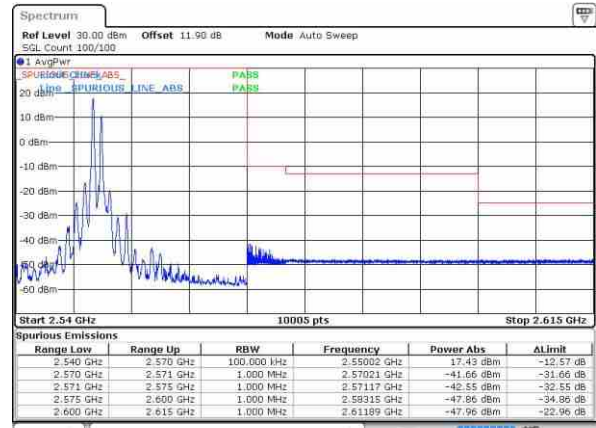
Highest Band Edge / 1RB0 and 1RB99



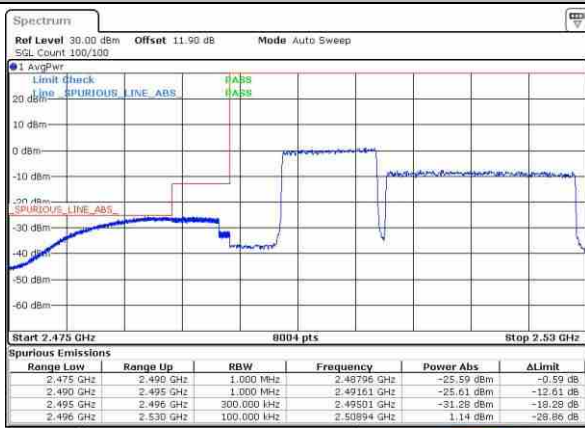
Lowest Band Edge / 1RB49 and 1RB0



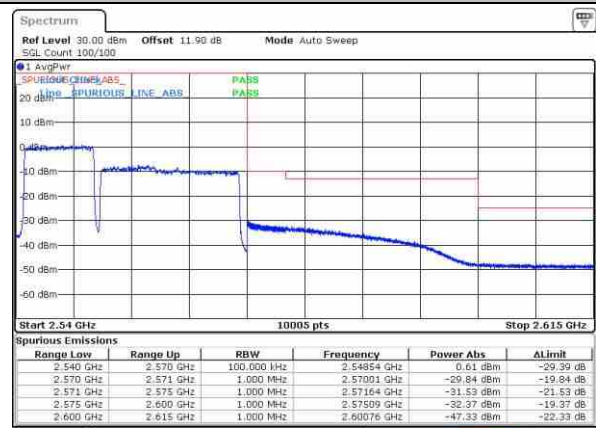
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

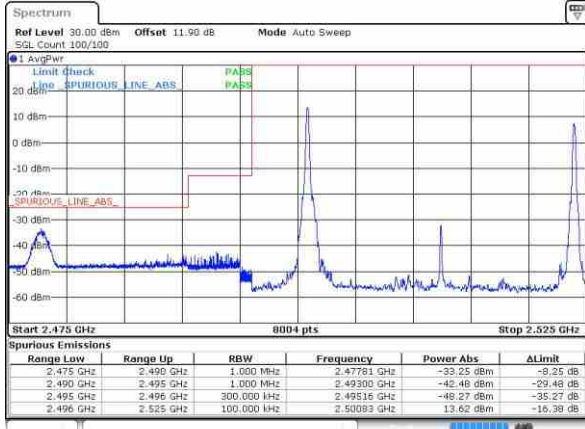




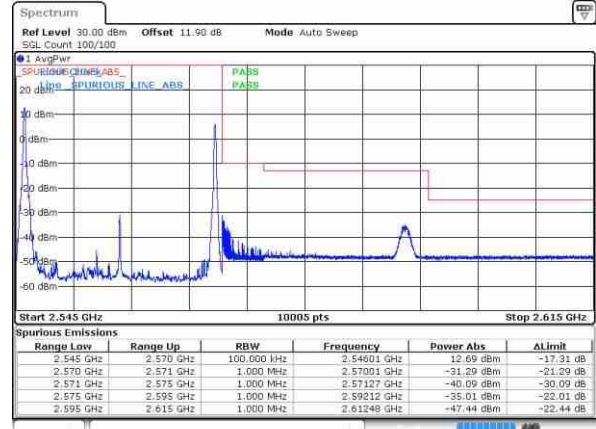
LTE Band 7 / 15MHz+10MHz

16QAM

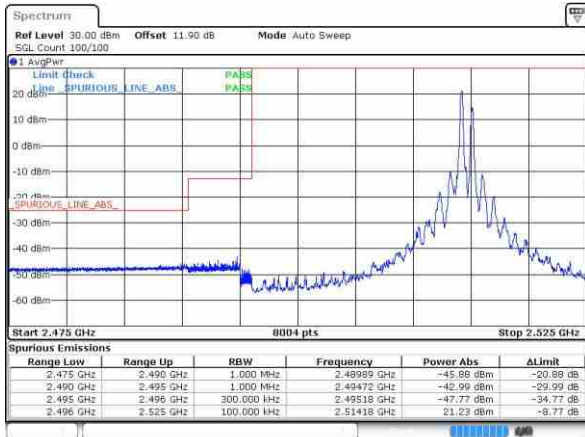
Lowest Band Edge / 1RB0 and 1RB49



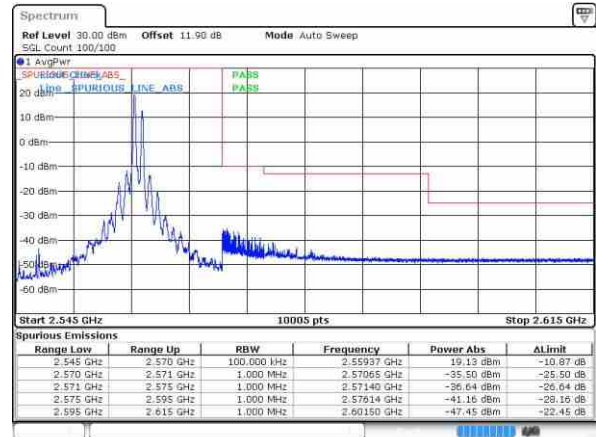
Highest Band Edge / 1RB0 and 1RB49



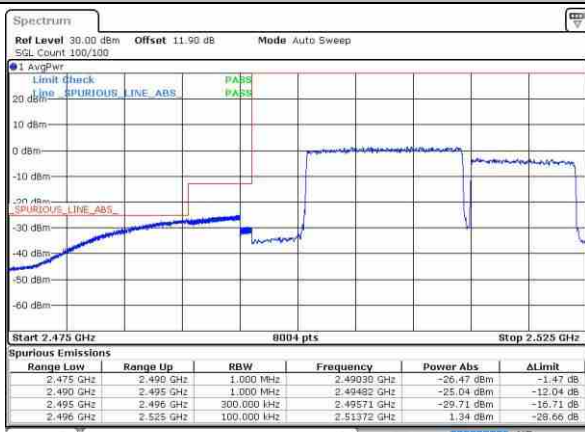
Lowest Band Edge / 1RB74 and 1RB0



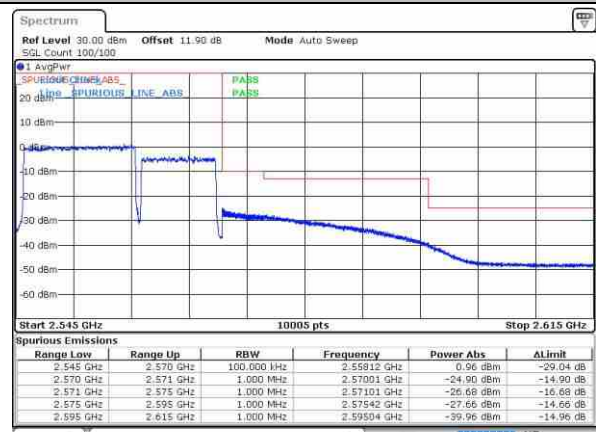
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

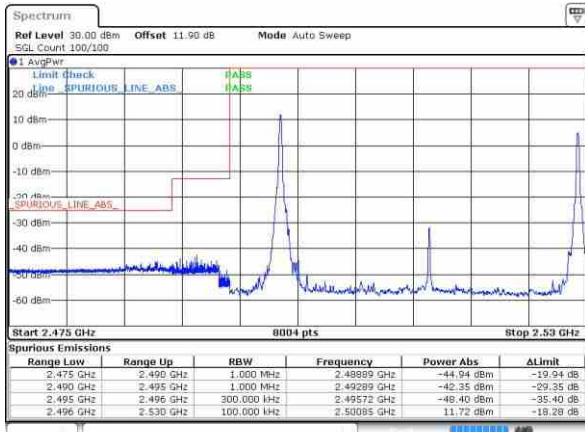




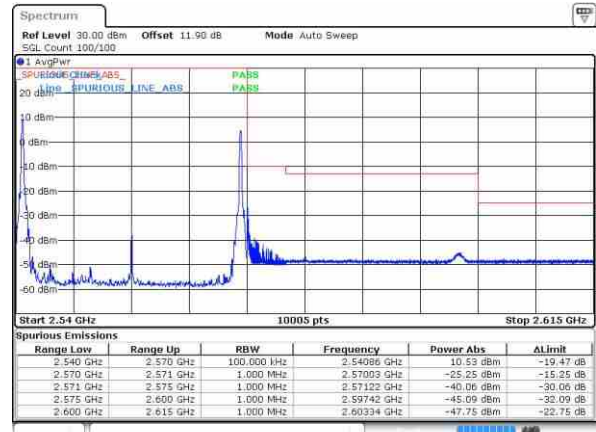
LTE Band 7 / 15MHz+15MHz

16QAM

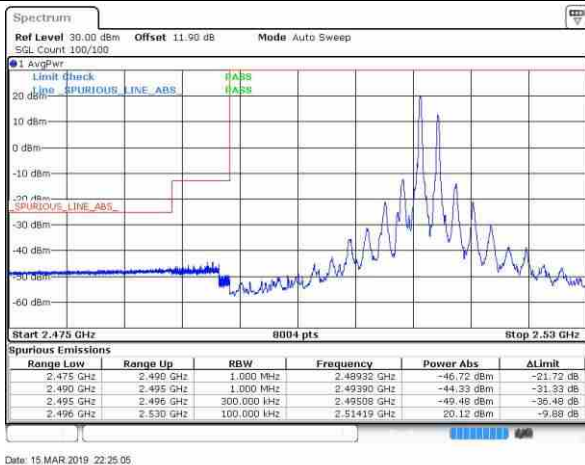
Lowest Band Edge / 1RB0 and 1RB74



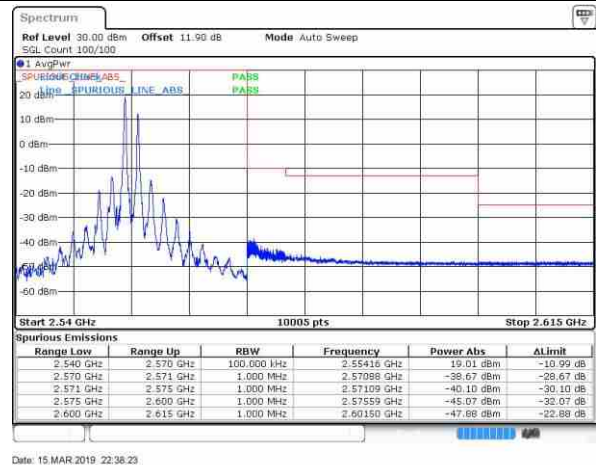
Highest Band Edge / 1RB0 and 1RB74



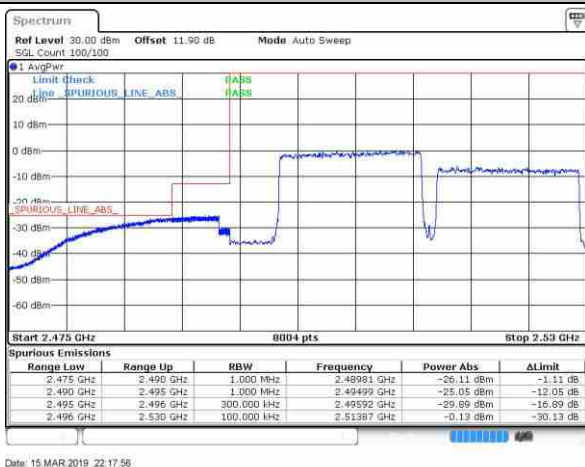
Lowest Band Edge / 1RB74 and 1RB0



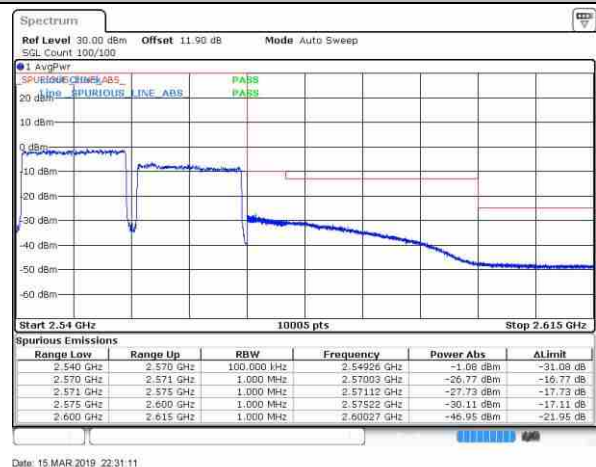
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

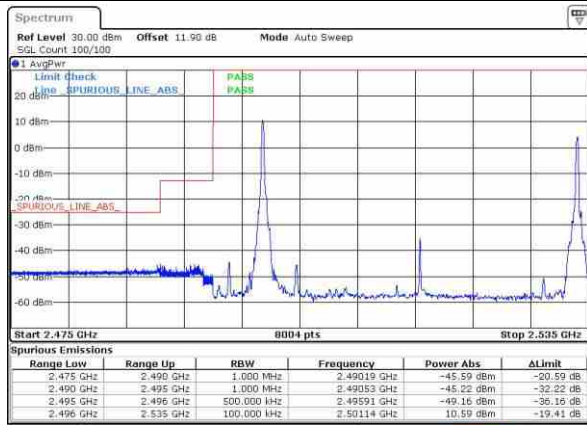




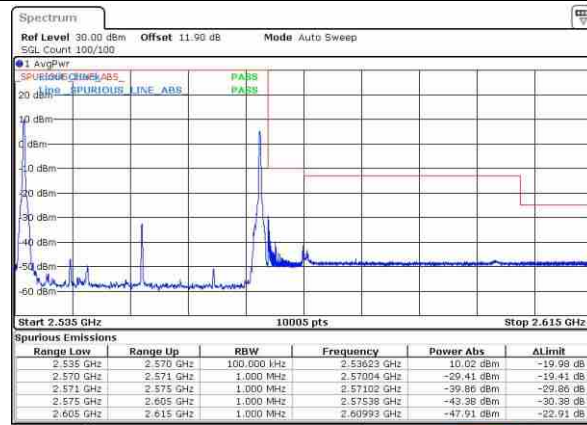
LTE Band 7 / 15MHz+20MHz

16QAM

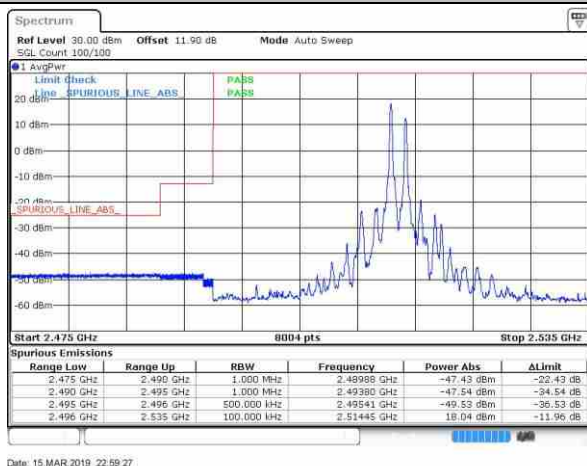
Lowest Band Edge / 1RB0 and 1RB99



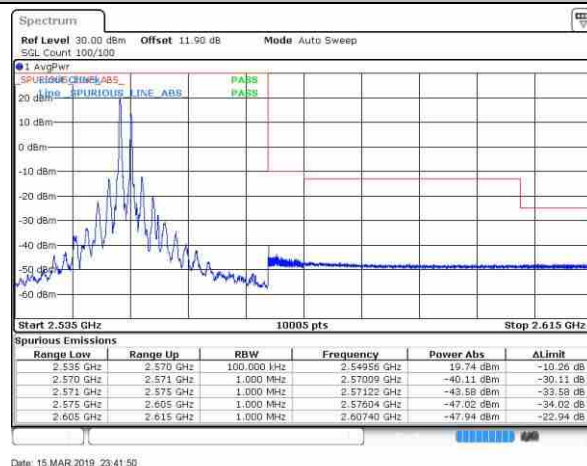
Highest Band Edge / 1RB0 and 1RB99



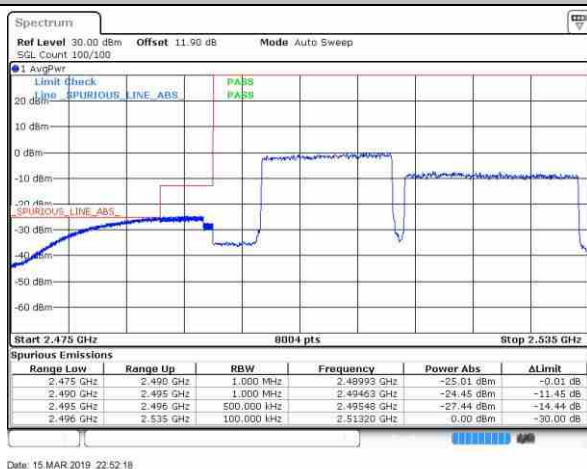
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

