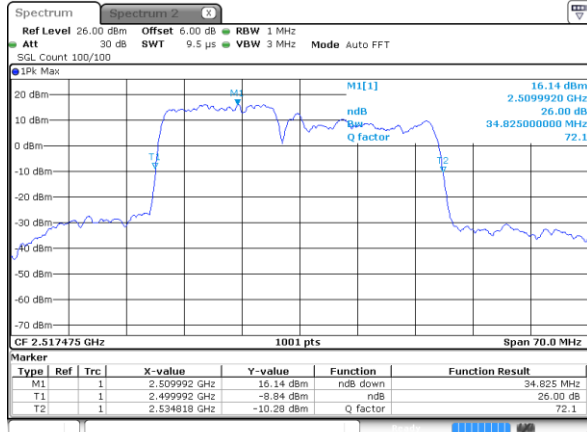




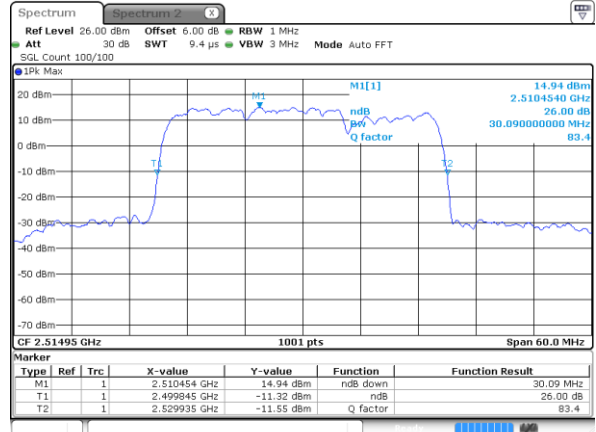
LTE Band 7 CA

QPSK

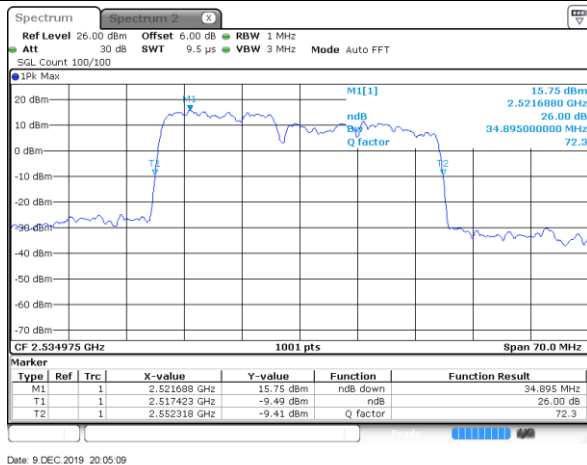
Lowest Channel / 15MHz+20MHz



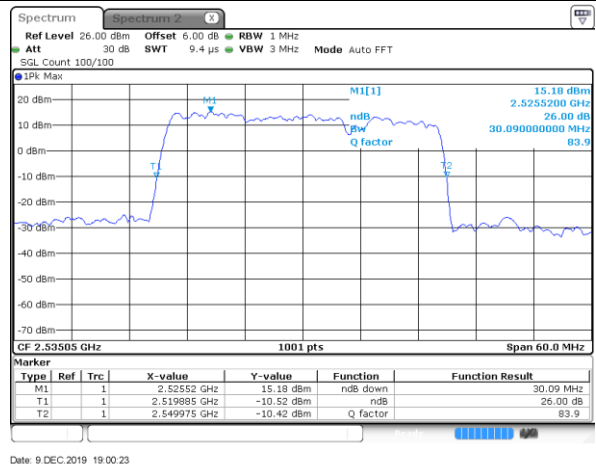
Lowest Channel / 20MHz+10MHz



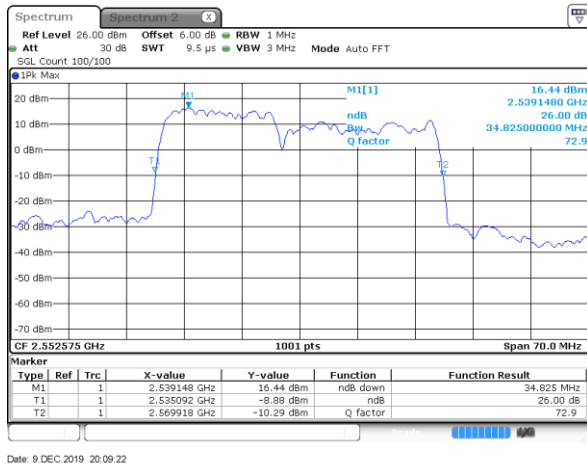
Middle Channel / 15MHz+20MHz



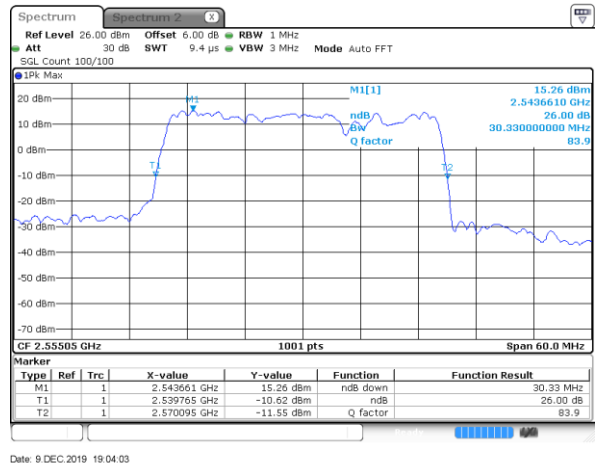
Middle Channel / 20MHz+10MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+10MHz

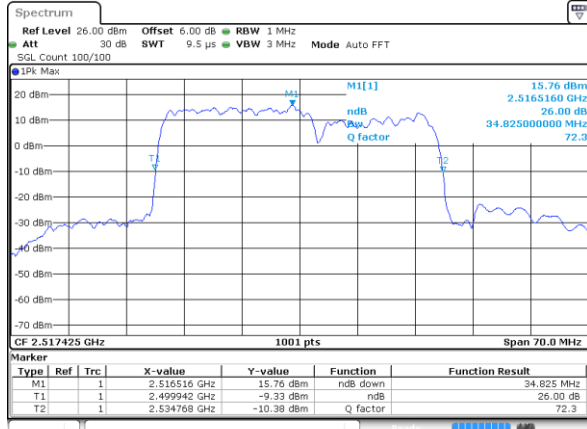




LTE Band 7 CA

QPSK

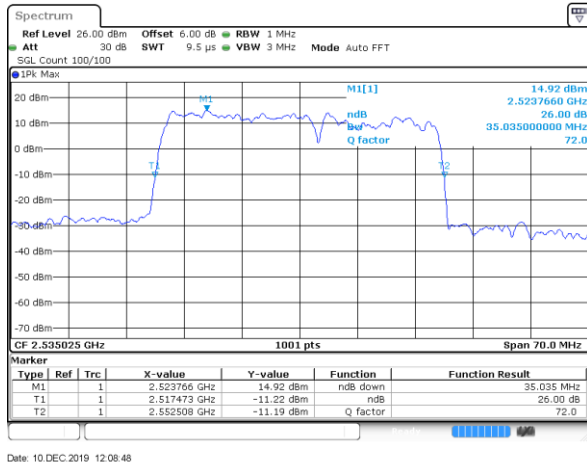
Lowest Channel / 20MHz+15MHz



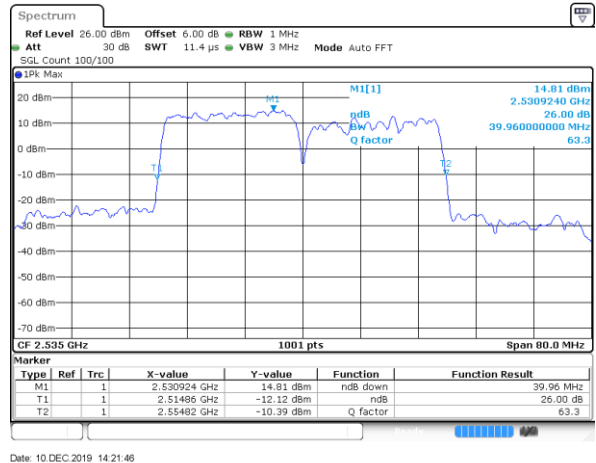
Lowest Channel / 20MHz+20MHz



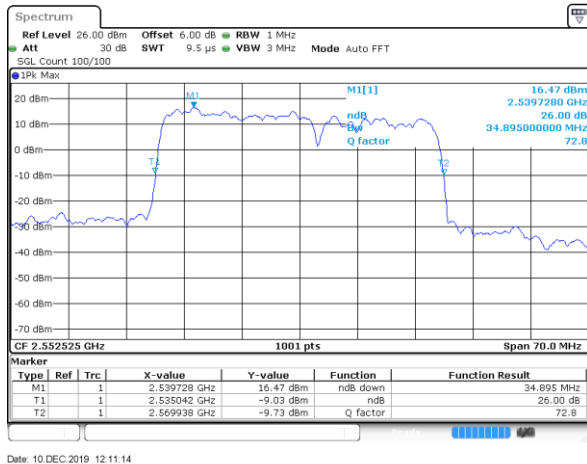
Middle Channel / 20MHz+15MHz



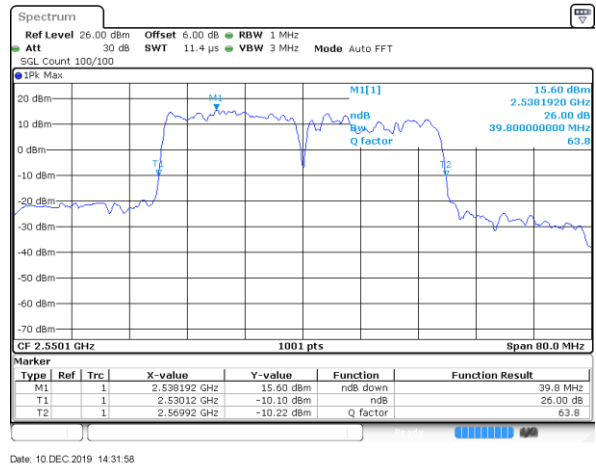
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



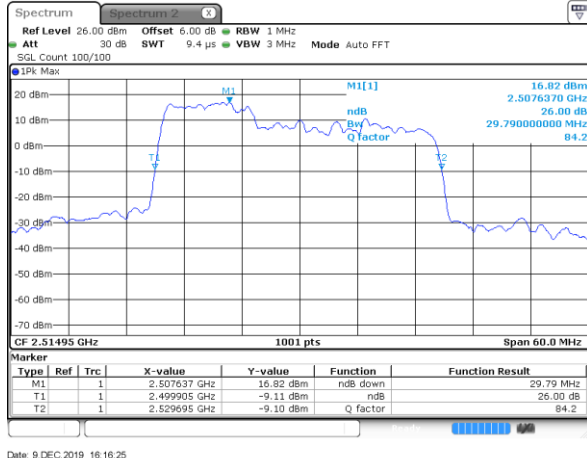


LTE Band 7 CA

16QAM

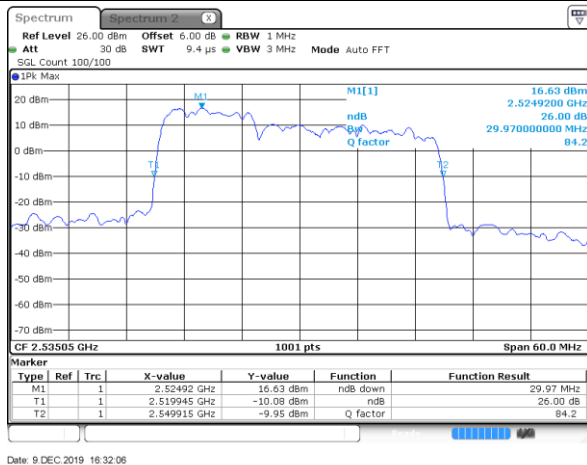
Lowest Channel / 10MHz+20MHz

-



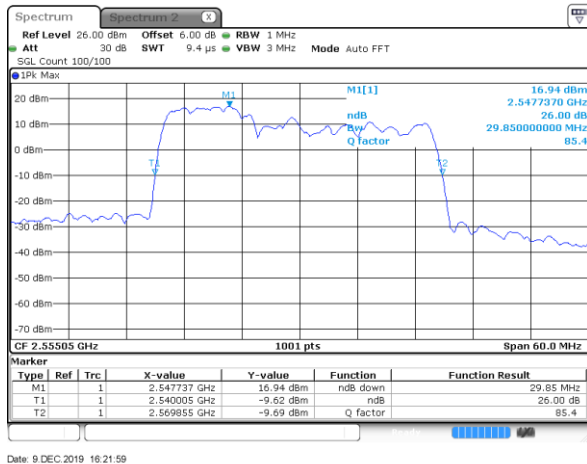
Middle Channel / 10MHz+20MHz

-



Highest Channel / 10MHz+20MHz

-

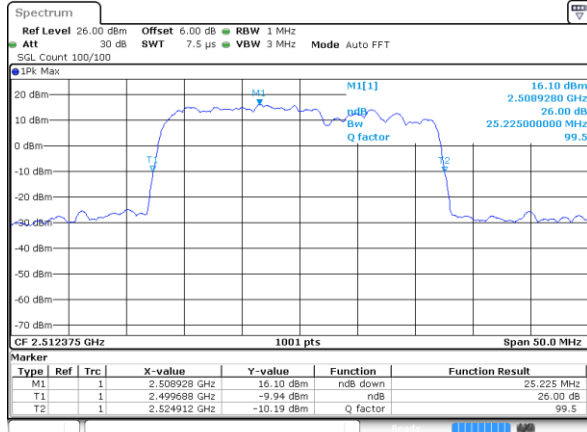




LTE Band 7 CA

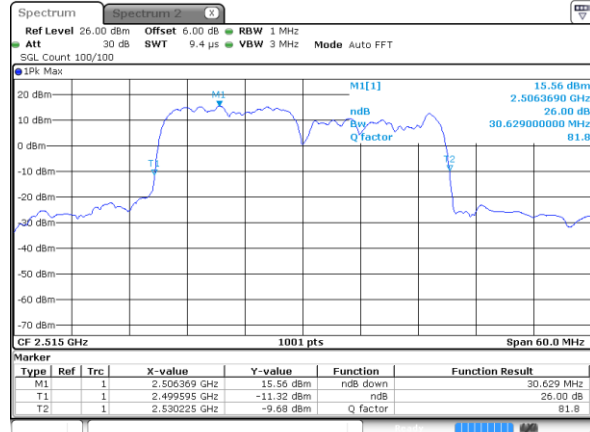
16QAM

Lowest Channel / 15MHz+10MHz



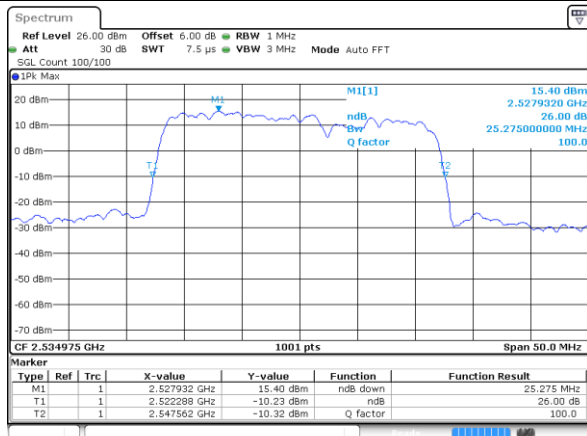
Date: 10 DEC 2019 14:40:19

Lowest Channel / 15MHz+15MHz



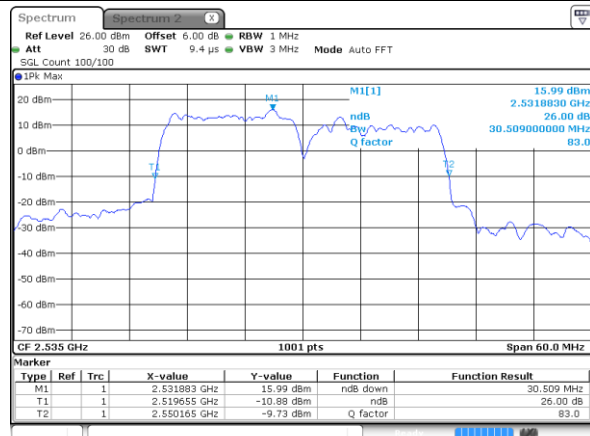
Date: 9 DEC 2019 19:16:11

Middle Channel / 15MHz+10MHz



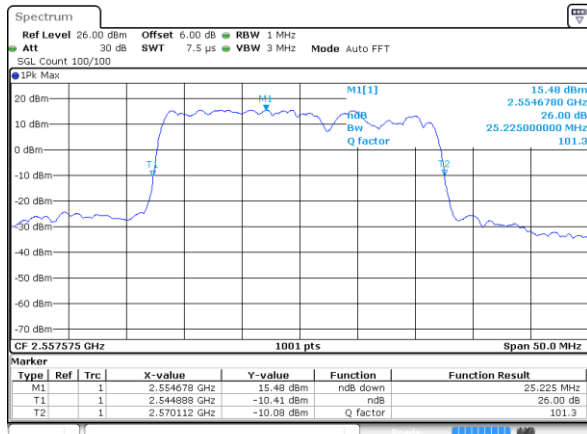
Date: 10 DEC 2019 14:52:05

Middle Channel / 15MHz+15MHz



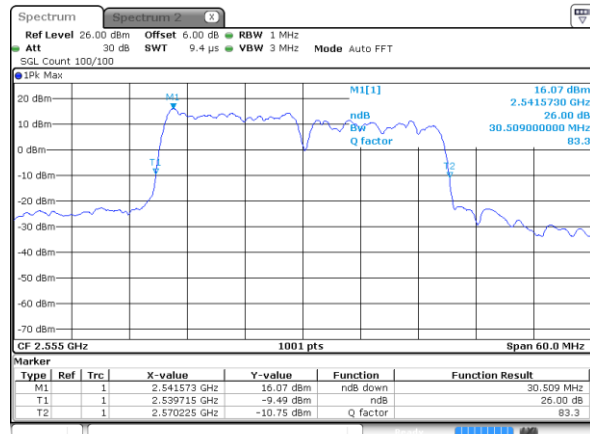
Date: 9 DEC 2019 19:41:33

Highest Channel / 15MHz+10MHz



Date: 10 DEC 2019 14:54:20

Highest Channel / 15MHz+15MHz



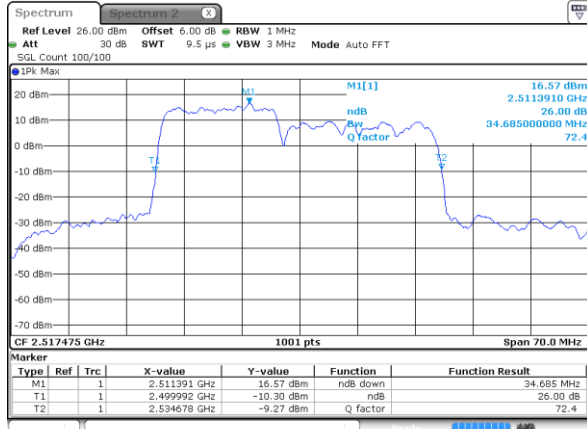
Date: 9 DEC 2019 19:44:06



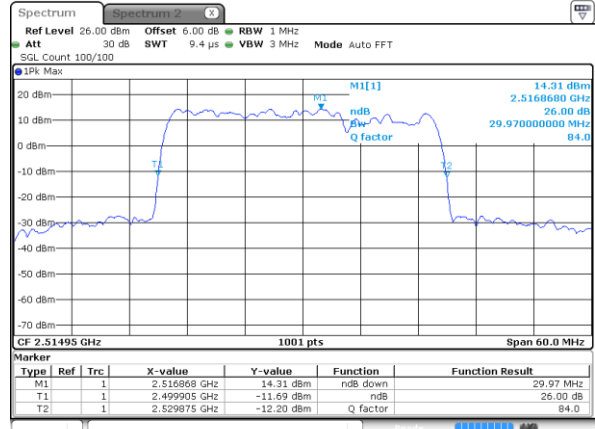
LTE Band 7 CA

16QAM

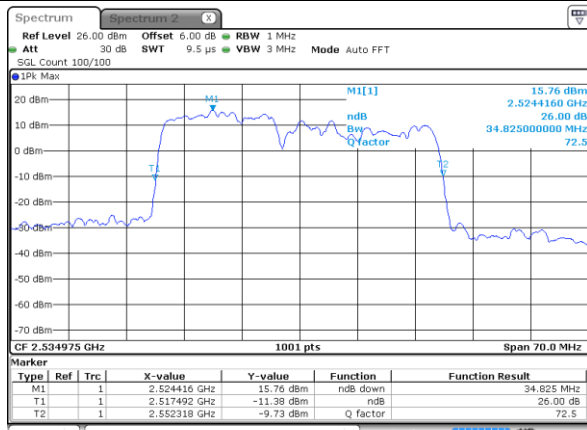
Lowest Channel / 15MHz+20MHz



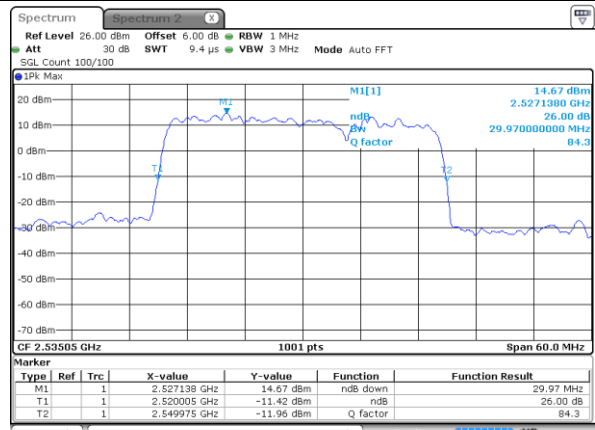
Lowest Channel / 20MHz+10MHz



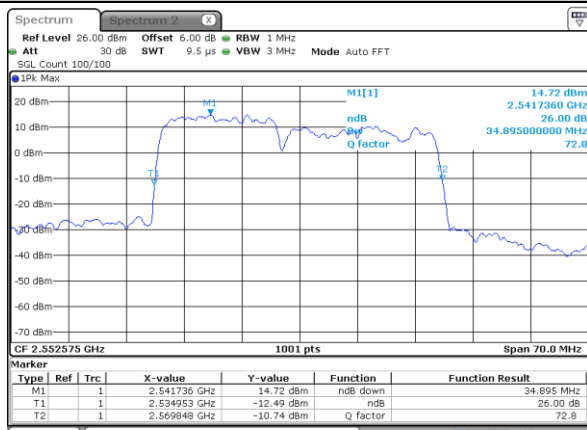
Middle Channel / 15MHz+20MHz



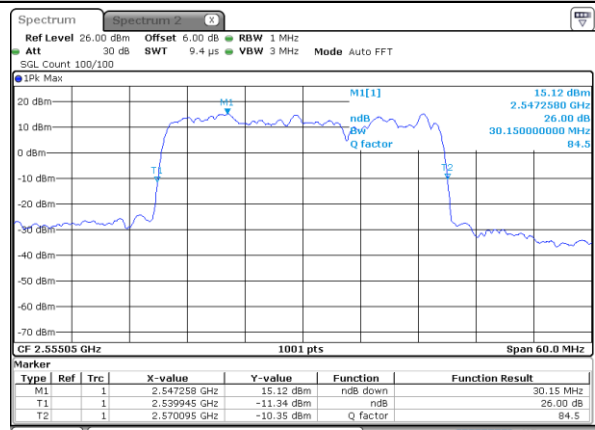
Middle Channel / 20MHz+10MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+10MHz

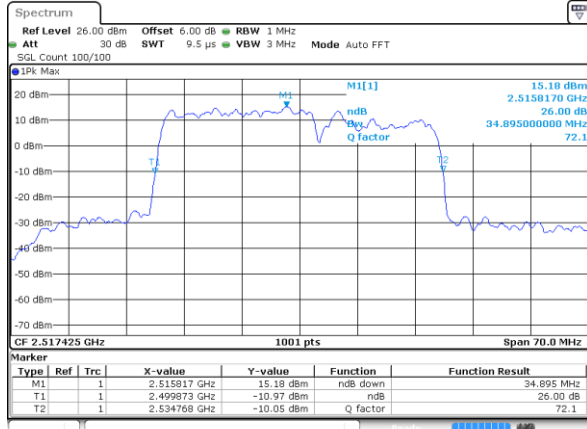




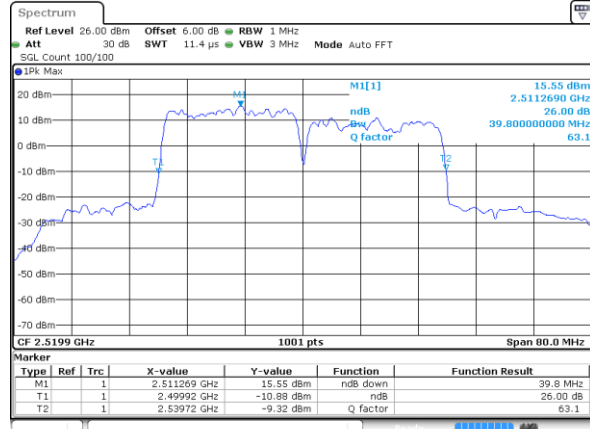
LTE Band 7 CA

16QAM

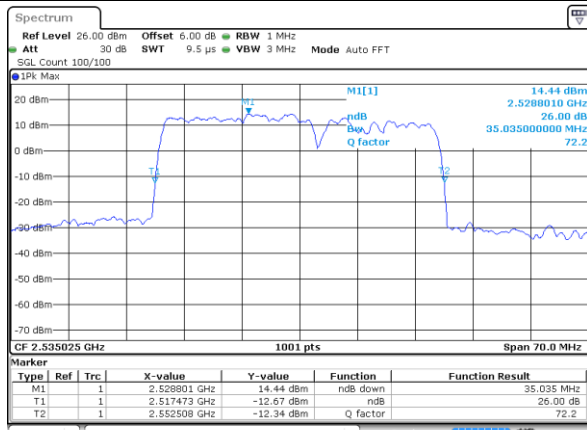
Lowest Channel / 20MHz+15MHz



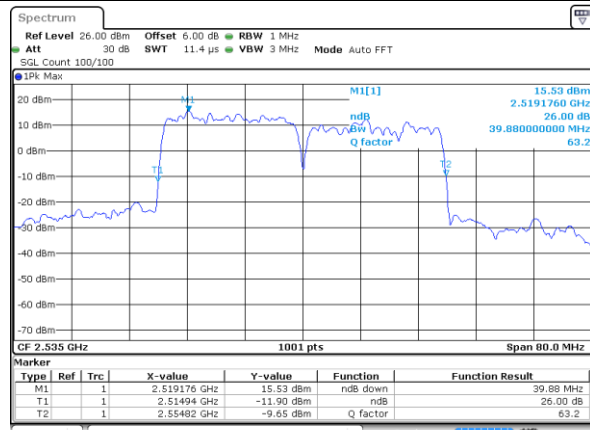
Lowest Channel / 20MHz+20MHz



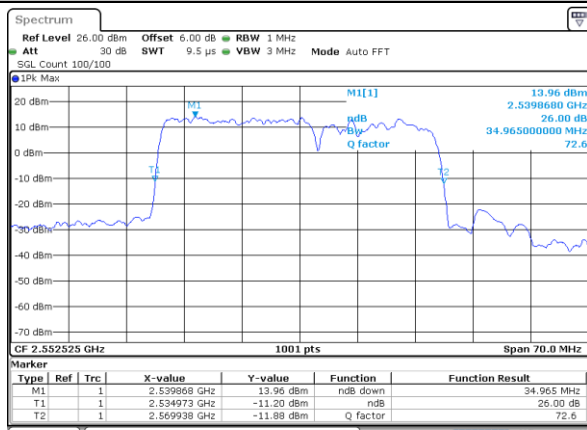
Middle Channel / 20MHz+15MHz



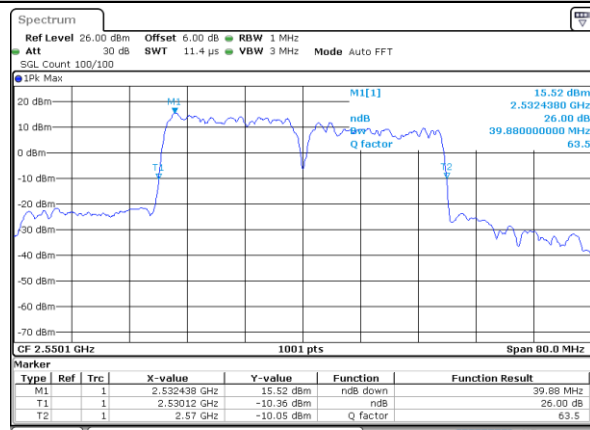
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 7 CA : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.81	-	23.48	28.41
Middle CH	27.75	-	23.23	28.35
Highest CH	28.05	-	23.33	28.47
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	28.11	32.73	37.40
Middle CH	32.24	27.99	32.66	37.56
Highest CH	32.73	28.11	32.73	37.72

Mode	LTE Band 7 CA : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.51	-	23.28	28.35
Middle CH	27.69	-	23.28	28.65
Highest CH	27.87	-	23.43	28.41
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	27.57	32.94	37.40
Middle CH	32.45	27.99	32.66	37.32
Highest CH	33.01	28.05	32.94	37.56

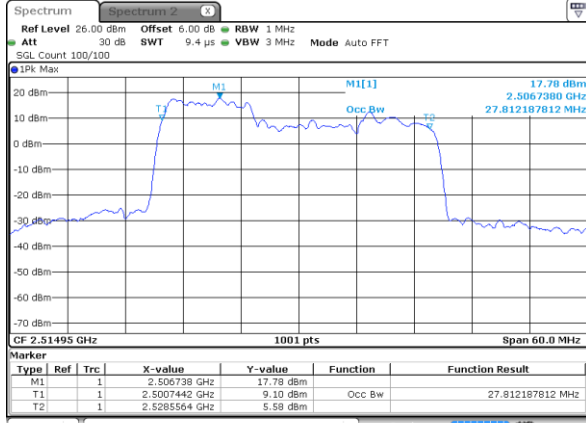


LTE Band 7 CA

QPSK

Lowest Channel / 10MHz+20MHz

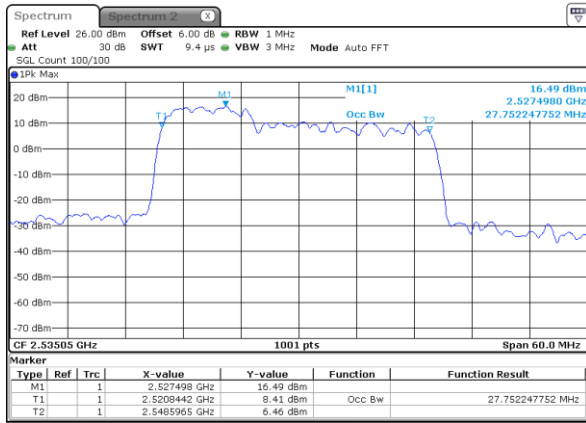
-



Date: 9 DEC 2019 16:17:10

Middle Channel / 10MHz+20MHz

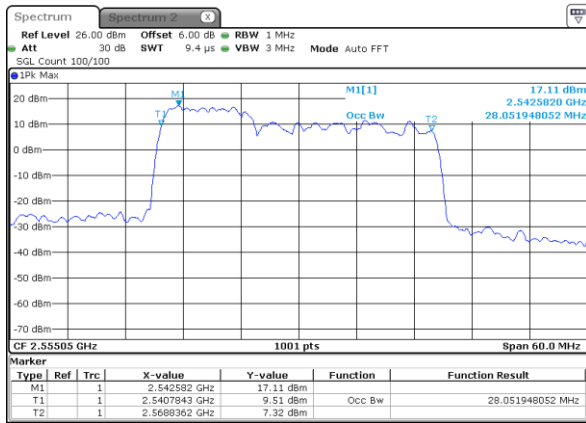
-



Date: 9 DEC 2019 16:32:20

Highest Channel / 10MHz+20MHz

-



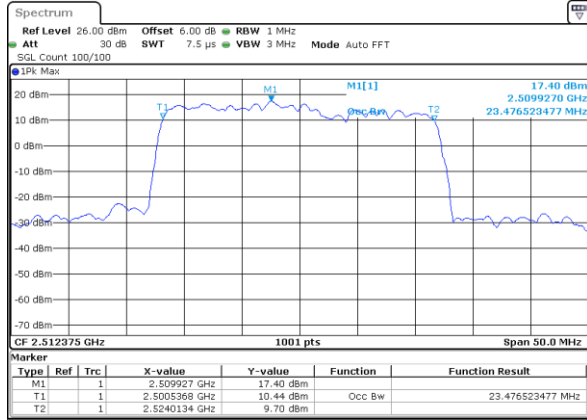
Date: 9 DEC 2019 16:21:20



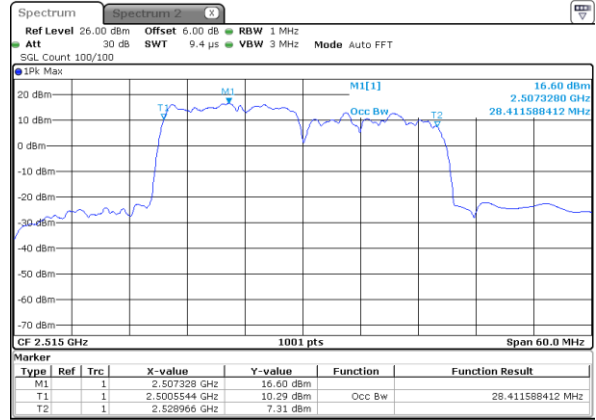
LTE Band 7 CA

QPSK

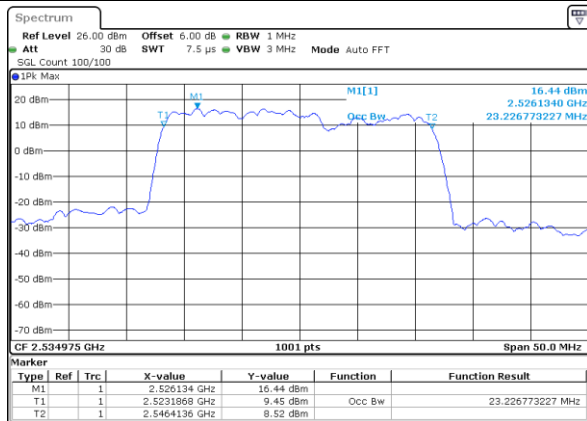
Lowest Channel / 15MHz+10MHz



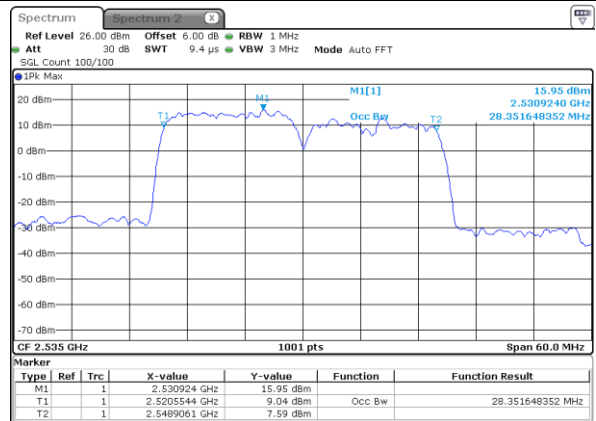
Lowest Channel / 15MHz+15MHz



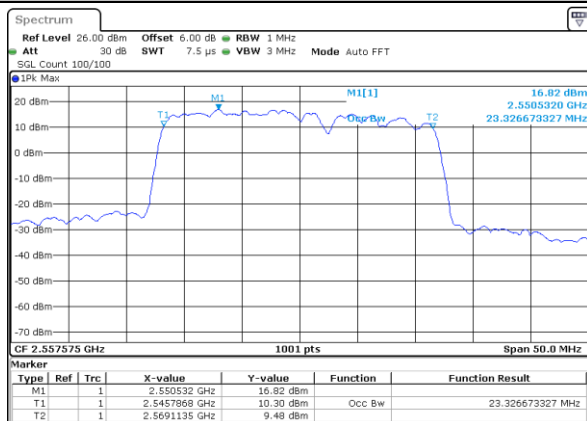
Middle Channel / 15MHz+10MHz



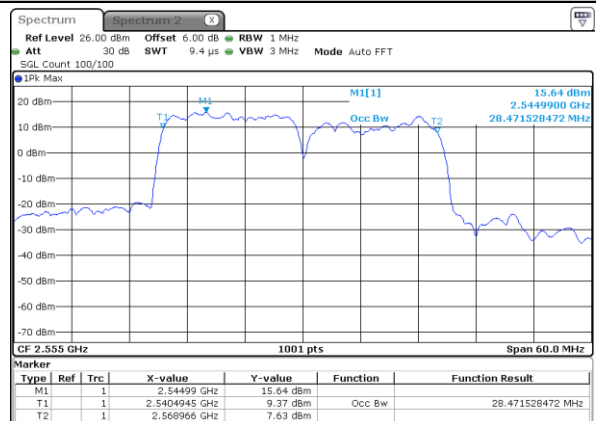
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

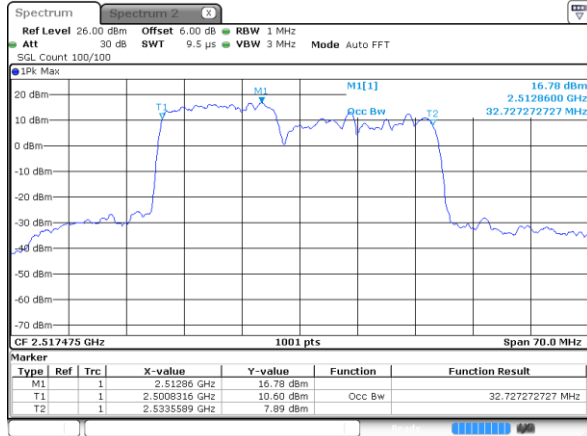




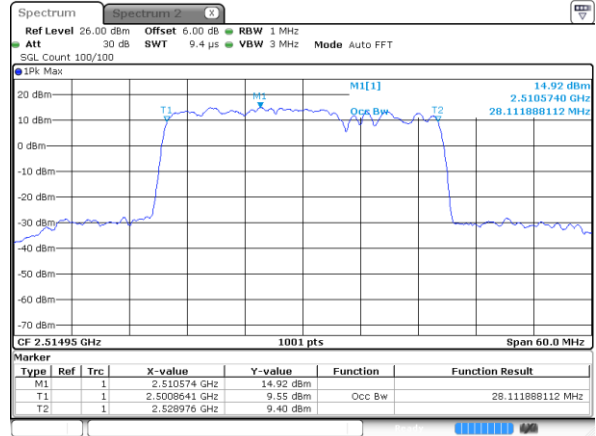
LTE Band 7 CA

QPSK

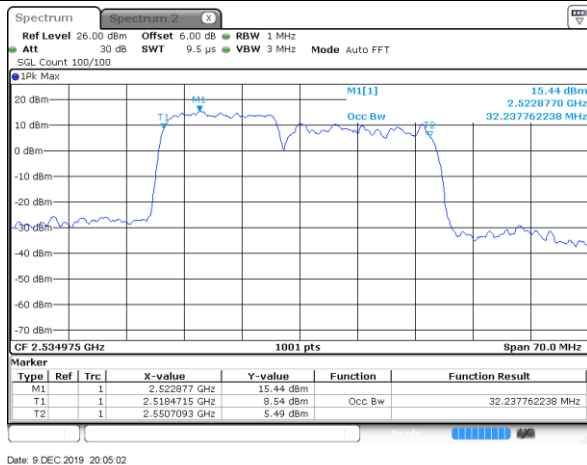
Lowest Channel / 15MHz+20MHz



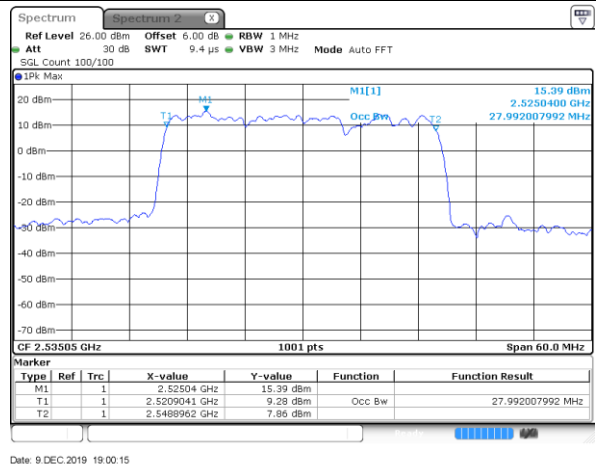
Lowest Channel / 20MHz+10MHz



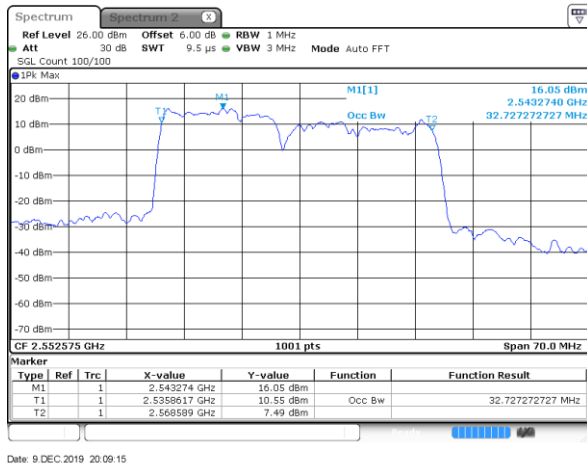
Middle Channel / 15MHz+20MHz



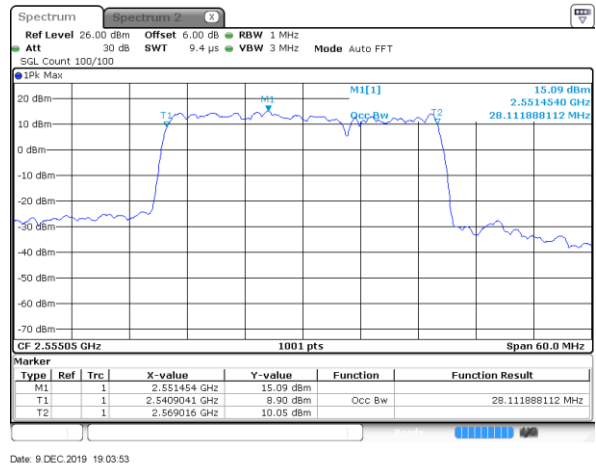
Middle Channel / 20MHz+10MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+10MHz

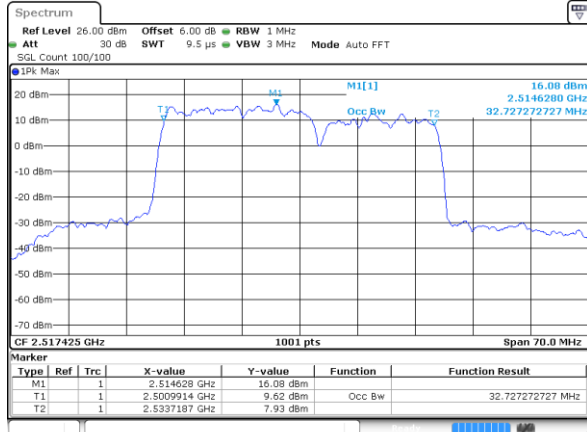




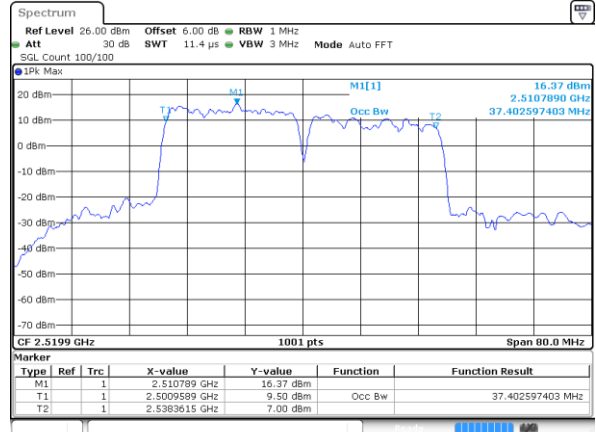
LTE Band 7 CA

QPSK

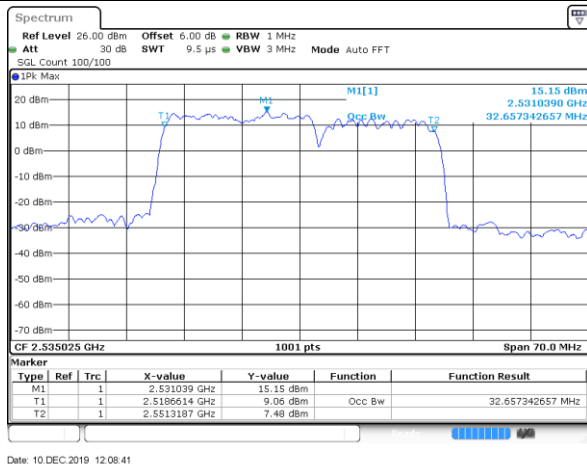
Lowest Channel / 20MHz+15MHz



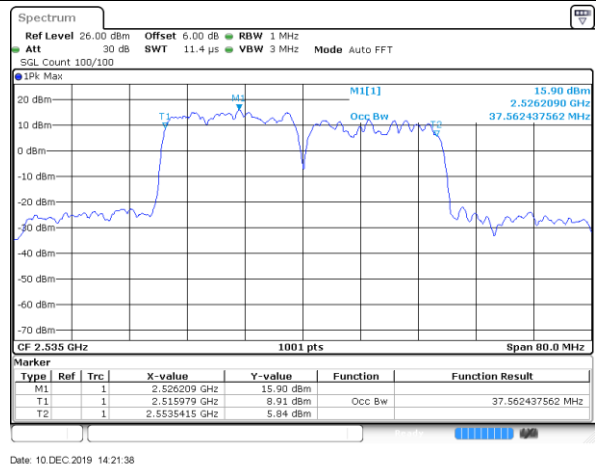
Lowest Channel / 20MHz+20MHz



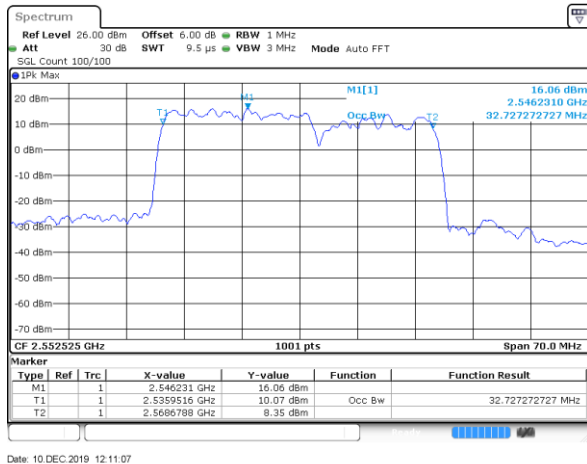
Middle Channel / 20MHz+15MHz



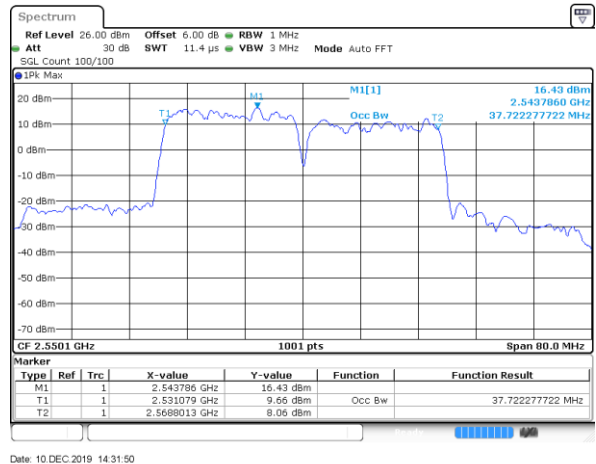
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



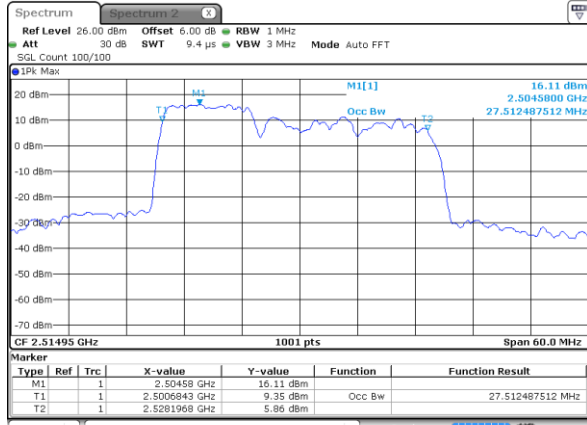


LTE Band 7 CA

16QAM

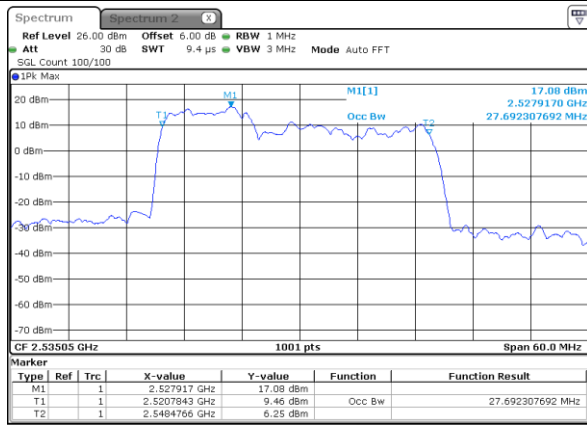
Lowest Channel / 10MHz+20MHz

-



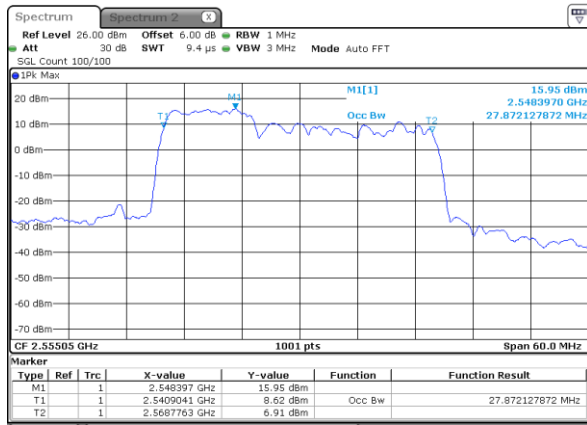
Middle Channel / 10MHz+20MHz

-



Highest Channel / 10MHz+20MHz

-

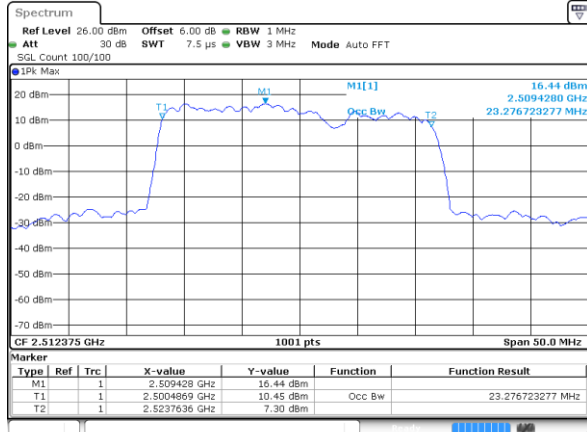




LTE Band 7 CA

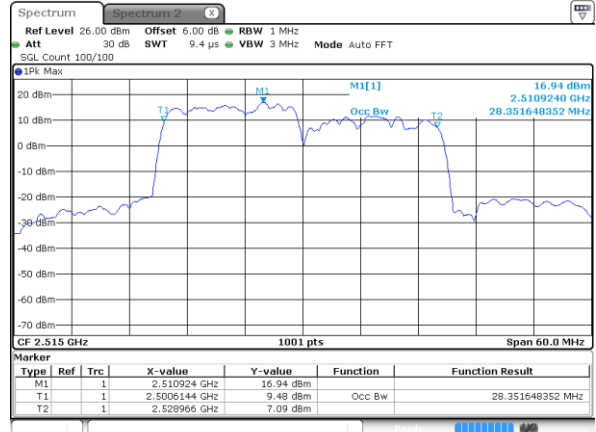
16QAM

Lowest Channel / 15MHz+10MHz



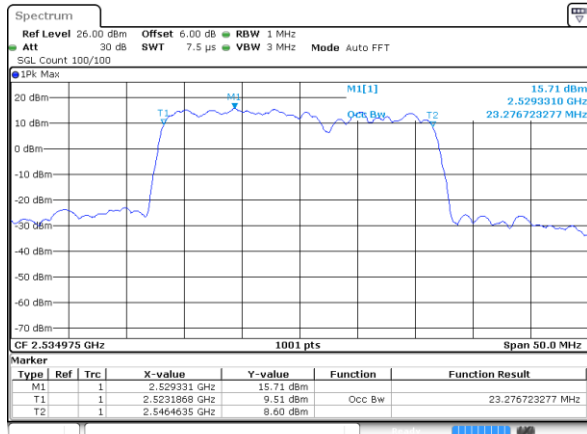
Date: 10 DEC 2019 14:40:13

Lowest Channel / 15MHz+15MHz



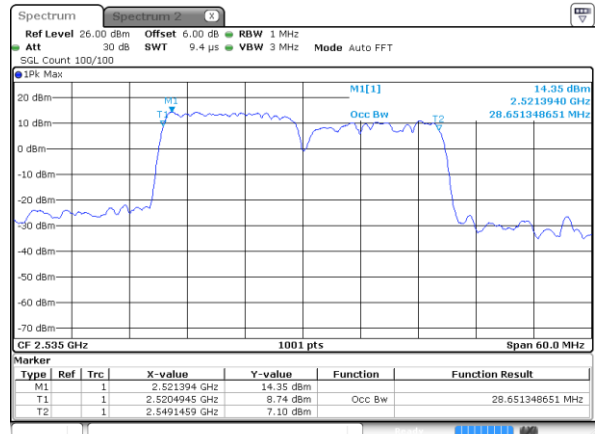
Date: 9 DEC 2019 19:16:03

Middle Channel / 15MHz+10MHz



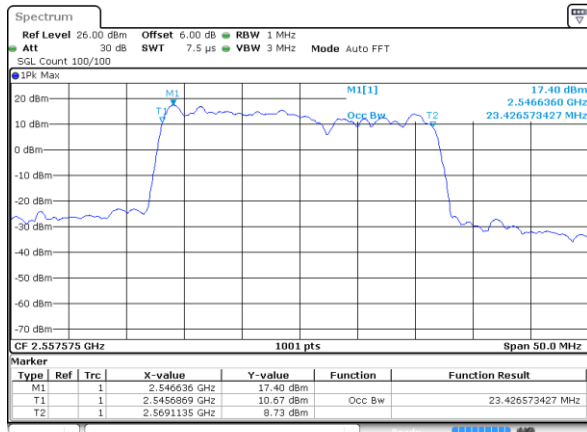
Date: 10 DEC 2019 14:51:57

Middle Channel / 15MHz+15MHz



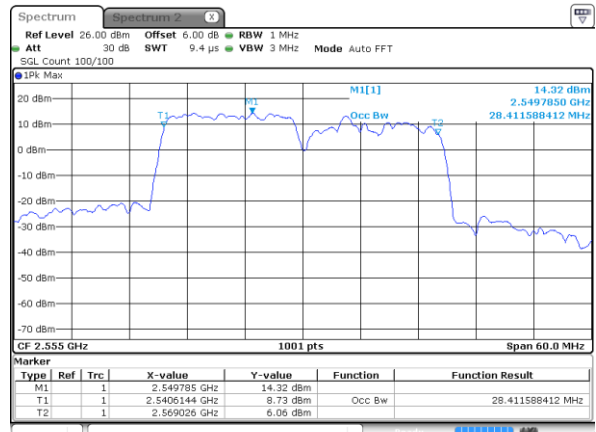
Date: 9 DEC 2019 19:41:25

Highest Channel / 15MHz+10MHz



Date: 10 DEC 2019 14:54:15

Highest Channel / 15MHz+15MHz



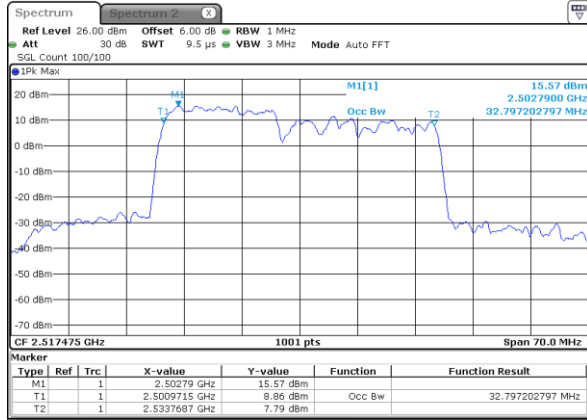
Date: 9 DEC 2019 19:43:59



LTE Band 7 CA

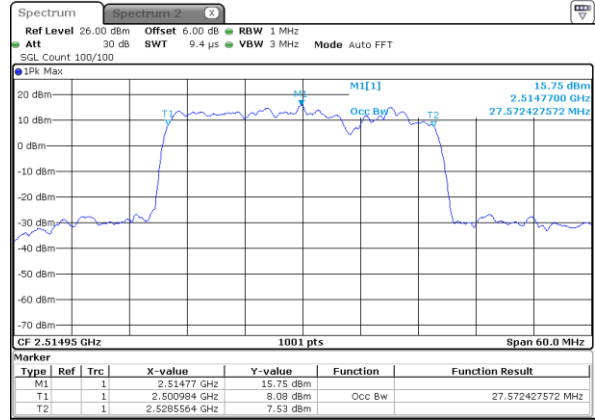
16QAM

Lowest Channel / 15MHz+20MHz



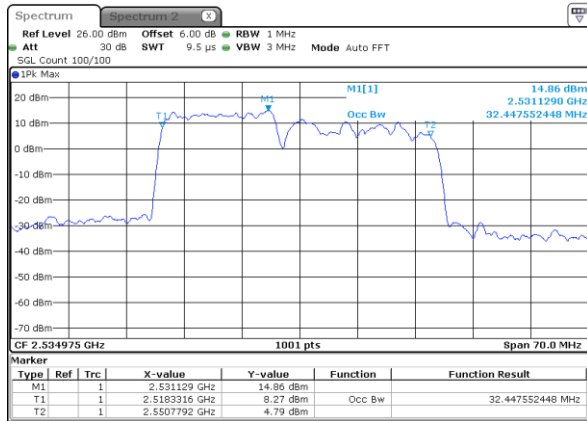
Date: 9 DEC 2019 19:52:12

Lowest Channel / 20MHz+10MHz



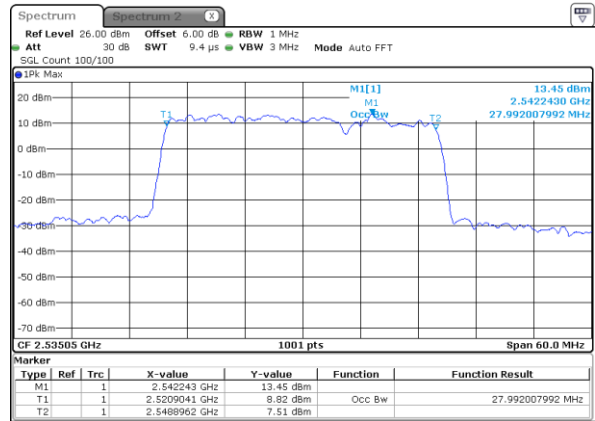
Date: 9 DEC 2019 18:45:58

Middle Channel / 15MHz+20MHz



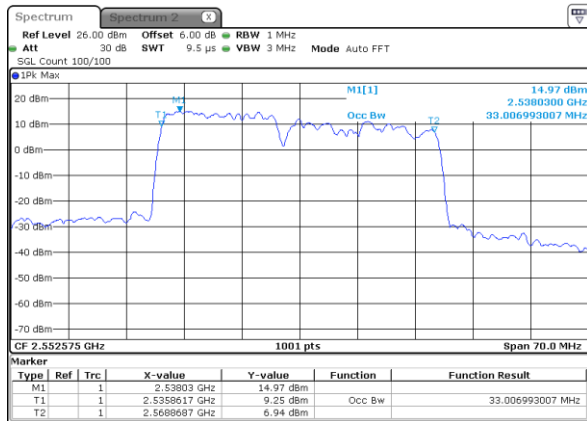
Date: 9 DEC 2019 20:05:33

Middle Channel / 20MHz+10MHz



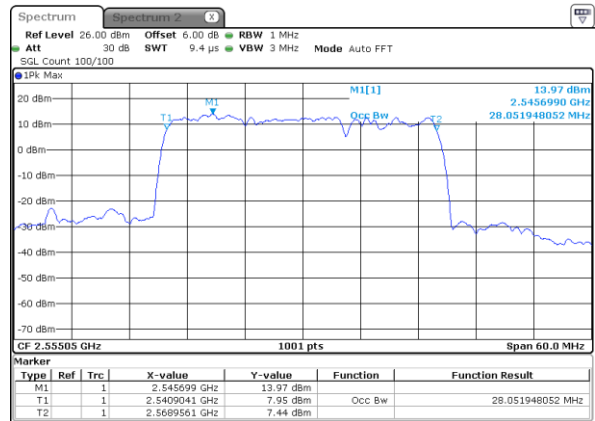
Date: 9 DEC 2019 19:00:42

Highest Channel / 15MHz+20MHz



Date: 9 DEC 2019 20:08:32

Highest Channel / 20MHz+10MHz



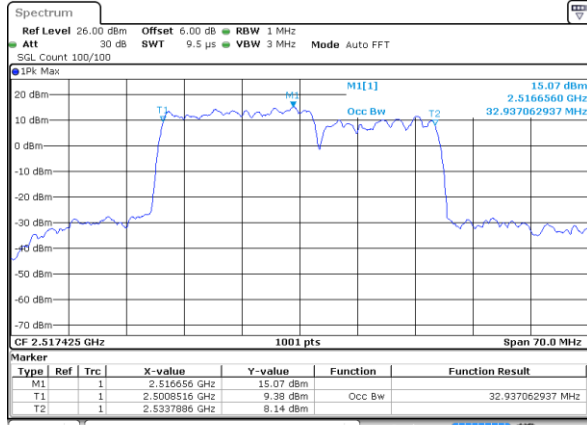
Date: 9 DEC 2019 19:02:53



LTE Band 7 CA

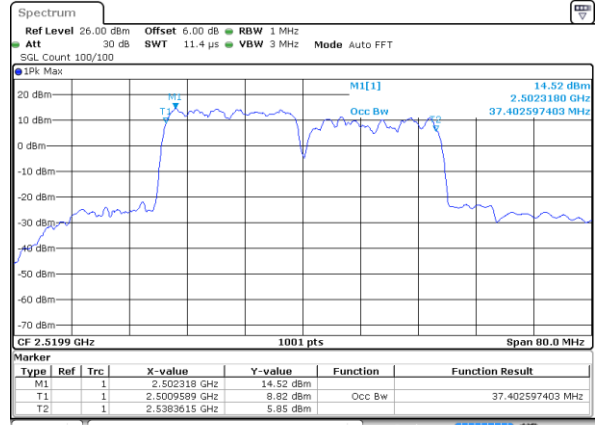
16QAM

Lowest Channel / 20MHz+15MHz



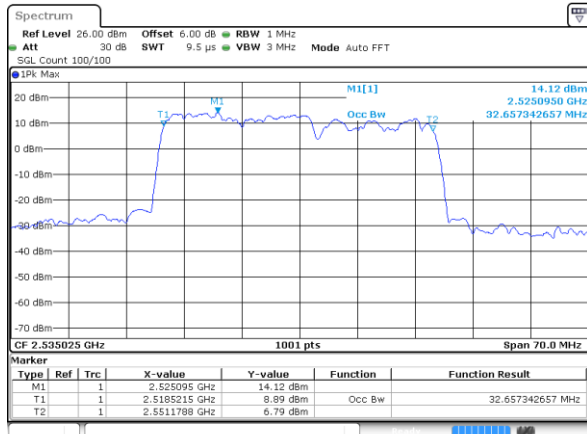
Date: 10 DEC 2019 11:53:47

Lowest Channel / 20MHz+20MHz



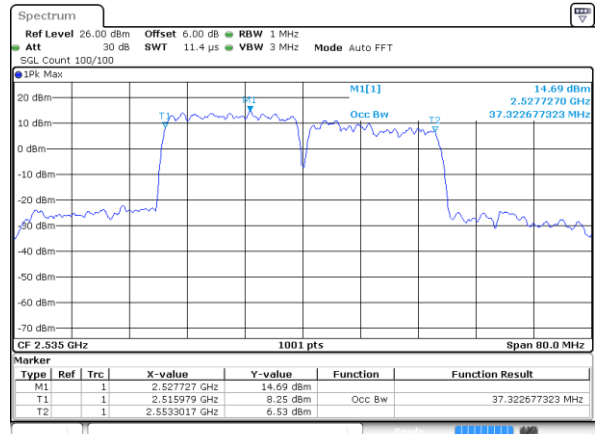
Date: 10 DEC 2019 14:19:42

Middle Channel / 20MHz+15MHz



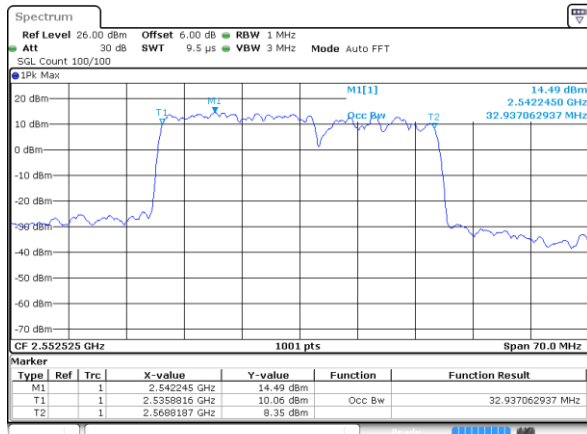
Date: 10 DEC 2019 12:09:04

Middle Channel / 20MHz+20MHz



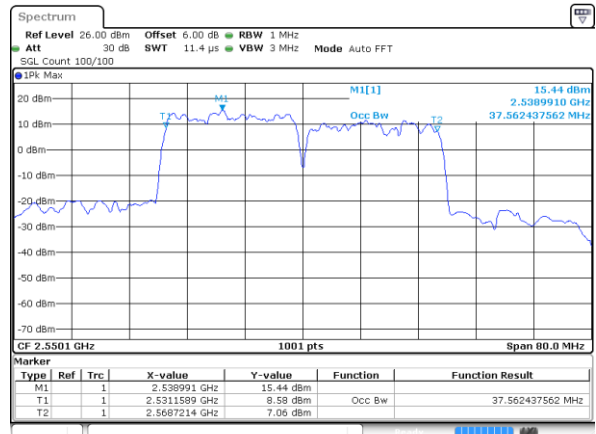
Date: 10 DEC 2019 14:22:07

Highest Channel / 20MHz+15MHz



Date: 10 DEC 2019 12:10:47

Highest Channel / 20MHz+20MHz



Date: 10 DEC 2019 14:32:37

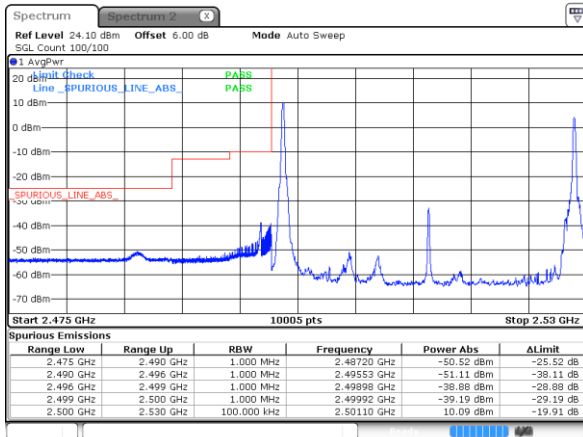


Conducted Band Edge

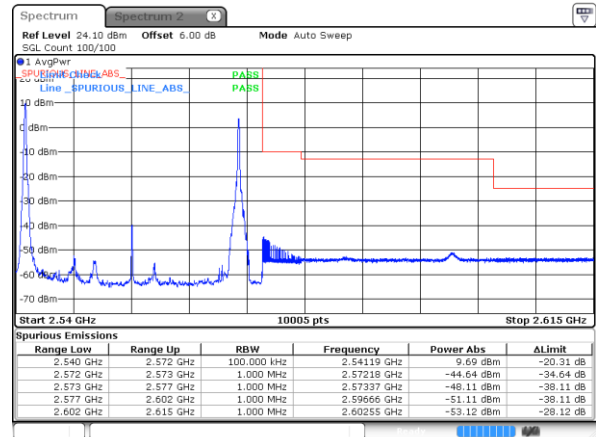
LTE Band 7 CA / 10MHz+20MHz

QPSK

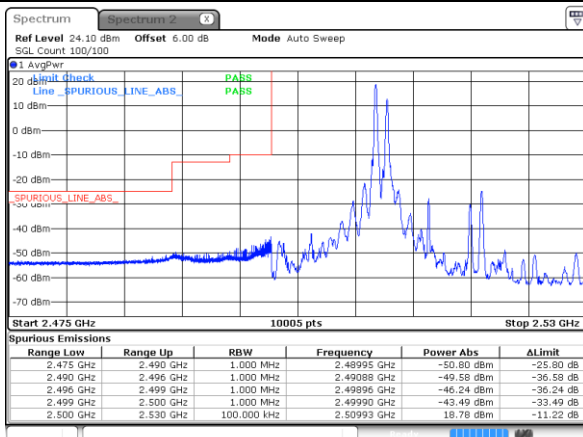
Lowest Band Edge / 1RB0 and 1RB99



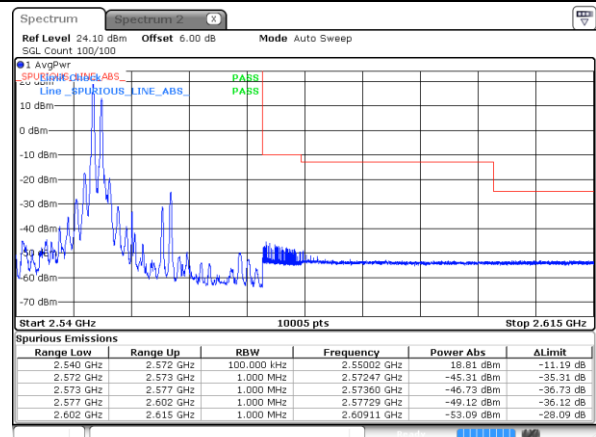
Highest Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB49 and 1RB0

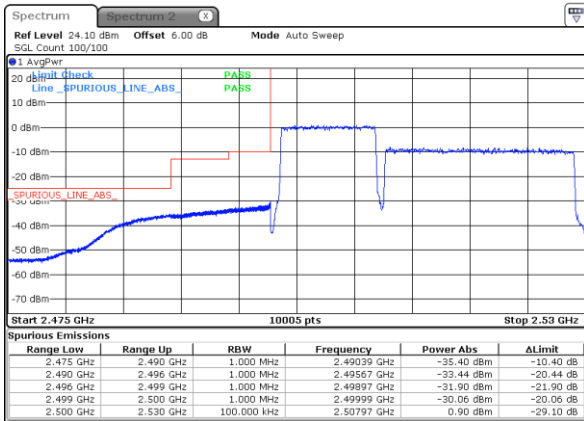


Highest Band Edge / 1RB49 and 1RB0



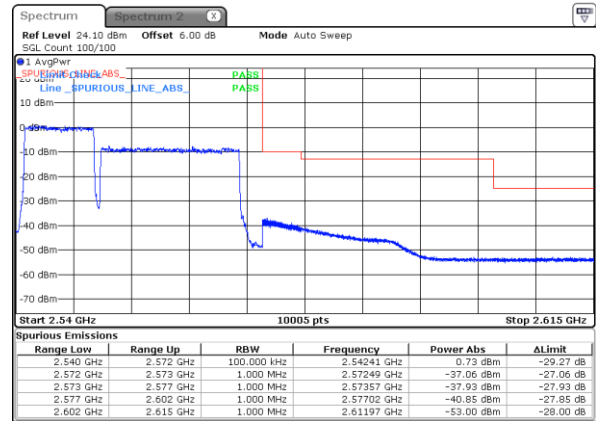


Lowest Band Edge / Full RB



Date: 9 DEC 2019 16:17:29

Highest Band Edge / Full RB

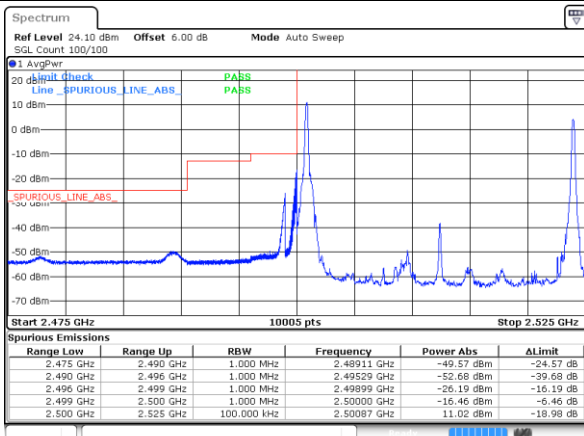


Date: 9 DEC 2019 16:21:38

LTE Band 7 CA / 15MHz+10MHz

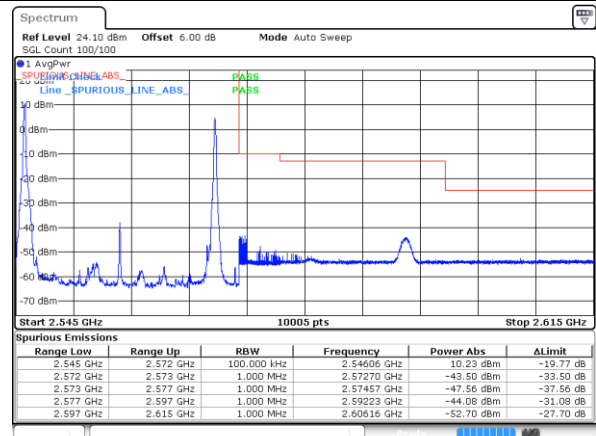
QPSK

Lowest Band Edge / 1RB0 and 1RB49



Date: 10 DEC 2019 14:41:37

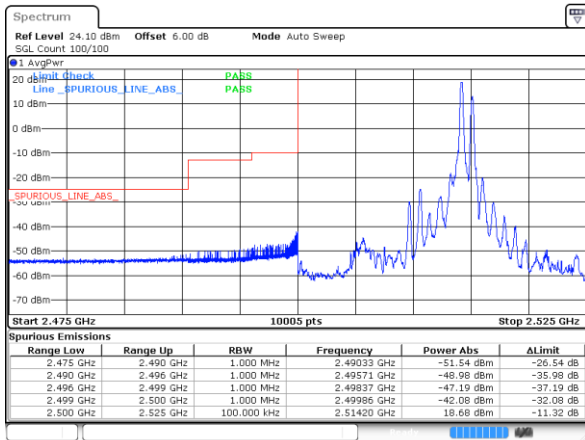
Highest Band Edge / 1RB0 and 1RB49



Date: 10 DEC 2019 14:56:33

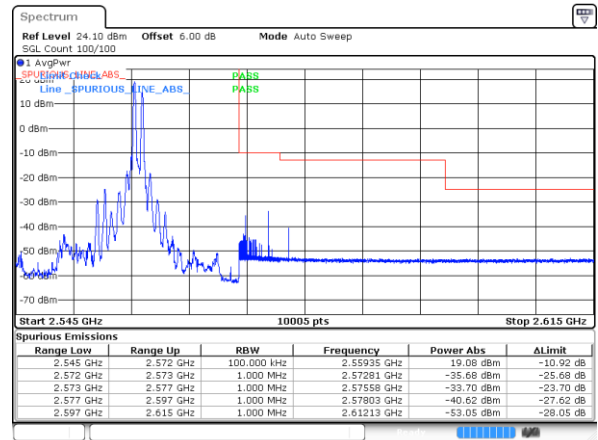


Lowest Band Edge / 1RB74 and 1RB0



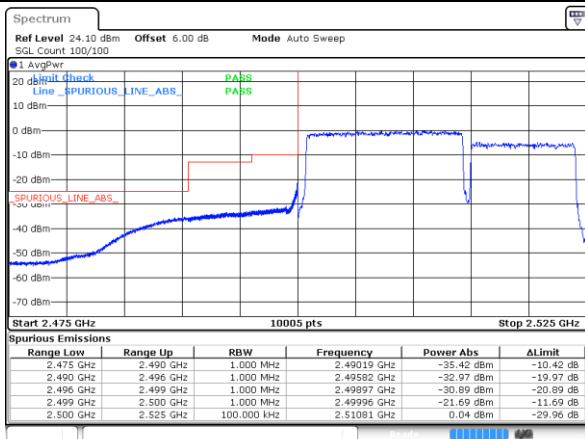
Date: 10 DEC 2019 14:46:53

Highest Band Edge / 1RB74 and 1RB0



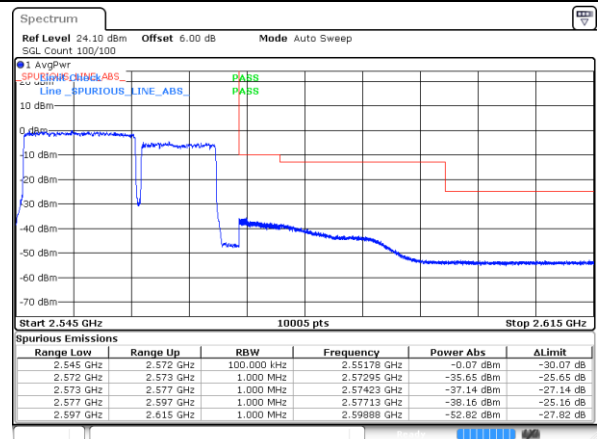
Date: 10 DEC 2019 14:56:55

Lowest Band Edge / Full RB



Date: 10 DEC 2019 14:41:09

Highest Band Edge / Full RB



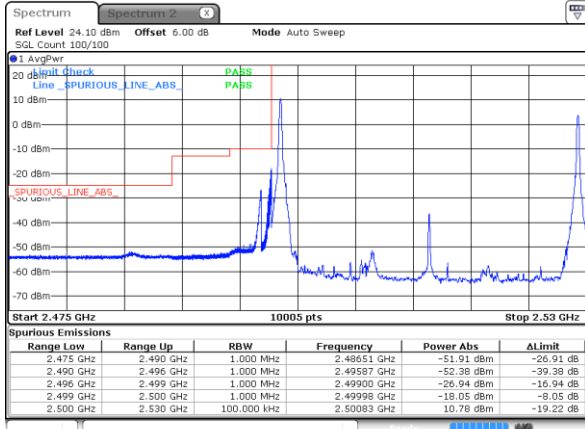
Date: 10 DEC 2019 14:54:00



LTE Band 7 CA / 15MHz+15MHz

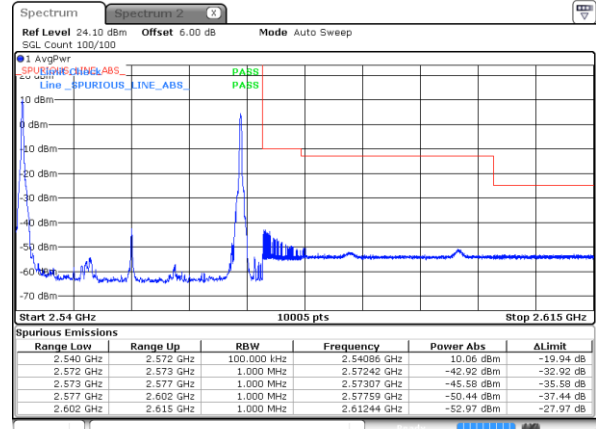
QPSK

Lowest Band Edge / 1RB0 and 1RB74



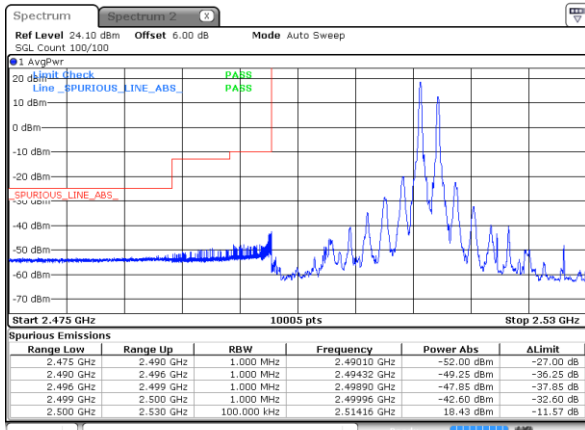
Date: 9 DEC 2019 19:20:17

Highest Band Edge / 1RB0 and 1RB74



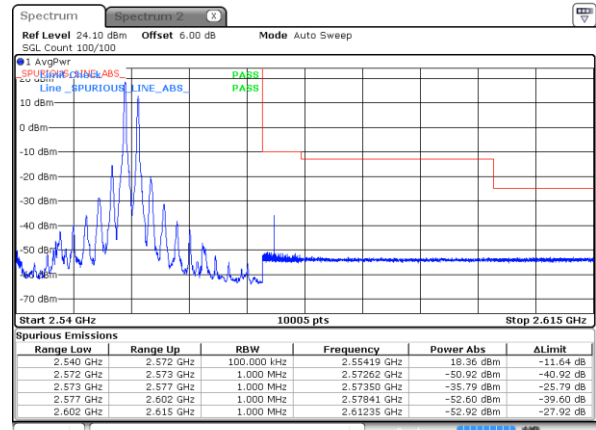
Date: 9 DEC 2019 19:45:25

Lowest Band Edge / 1RB74 and 1RB0



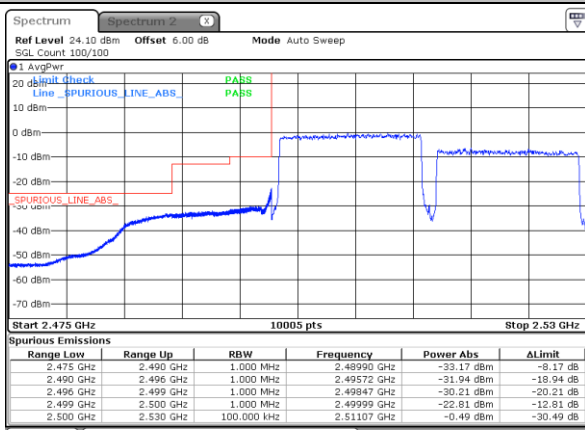
Date: 9 DEC 2019 19:21:24

Highest Band Edge / 1RB74 and 1RB0



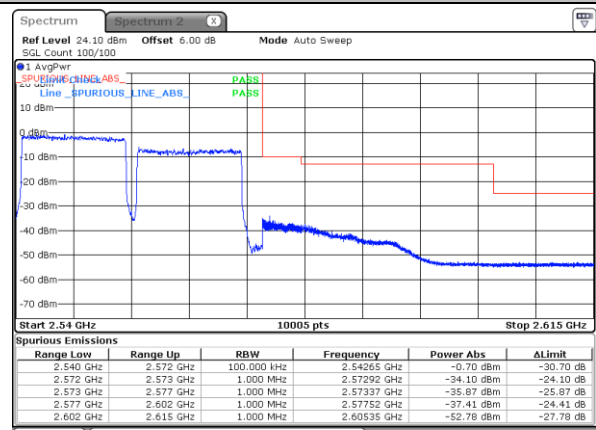
Date: 9 DEC 2019 19:49:34

Lowest Band Edge / Full RB



Date: 9 DEC 2019 19:15:19

Highest Band Edge / Full RB



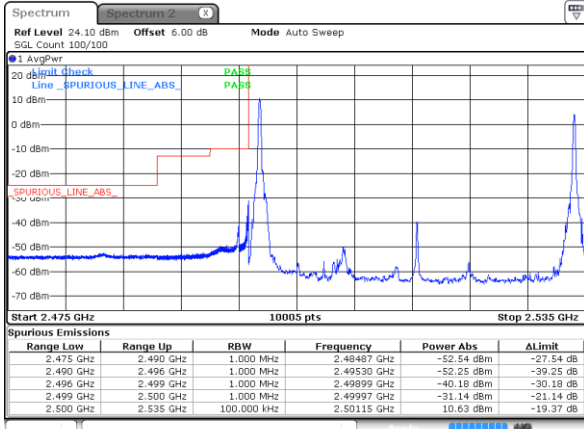
Date: 9 DEC 2019 19:44:58



LTE Band 7 CA / 15MHz+20MHz

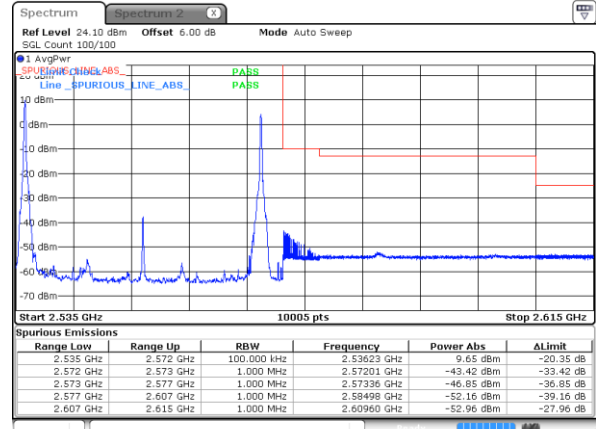
QPSK

Lowest Band Edge / 1RB0 and 1RB99



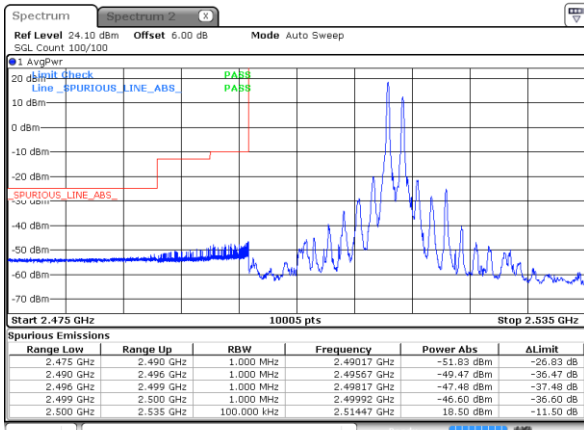
Date: 9 DEC 2019 19:56:41

Highest Band Edge / 1RB0 and 1RB99



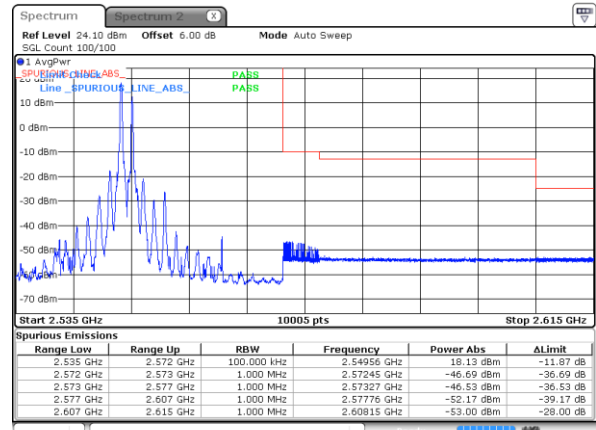
Date: 9 DEC 2019 20:10:04

Lowest Band Edge / 1RB74 and 1RB0



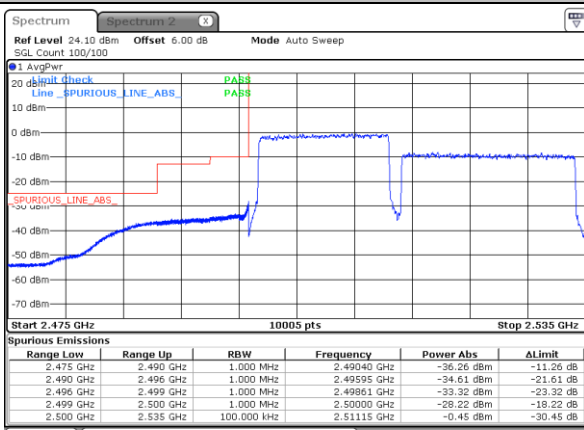
Date: 9 DEC 2019 19:57:12

Highest Band Edge / 1RB74 and 1RB0



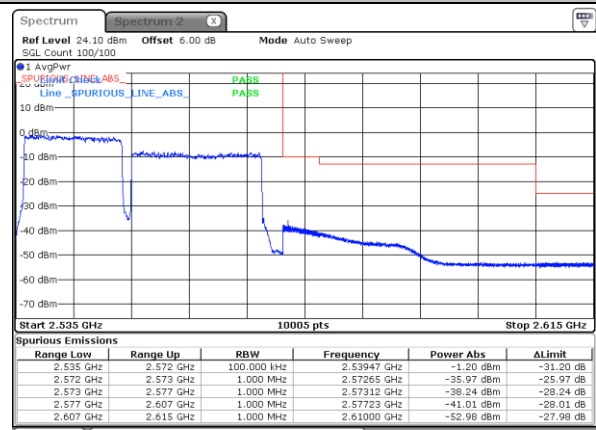
Date: 9 DEC 2019 20:13:30

Lowest Band Edge / Full RB



Date: 9 DEC 2019 19:51:47

Highest Band Edge / Full RB



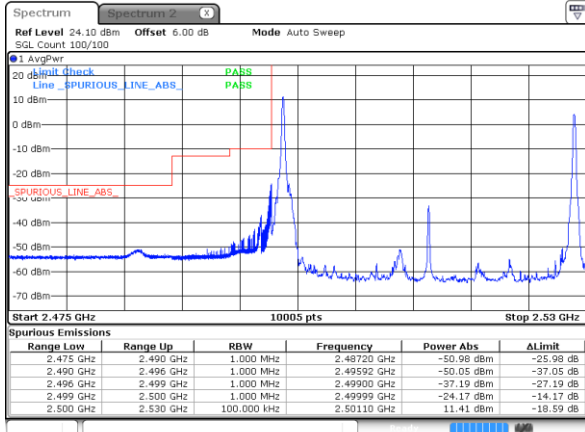
Date: 9 DEC 2019 20:09:33



LTE Band 7 CA / 20MHz+10MHz

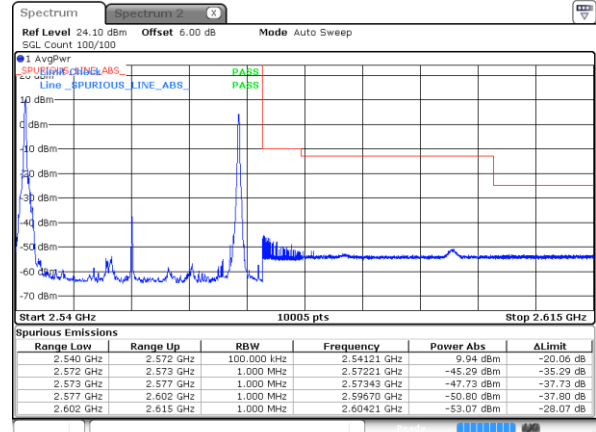
QPSK

Lowest Band Edge / 1RB0 and 1RB74



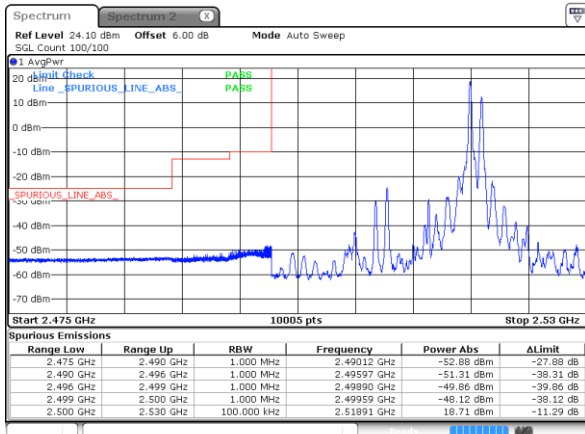
Date: 9 DEC 2019 18:52:02

Highest Band Edge / 1RB0 and 1RB74



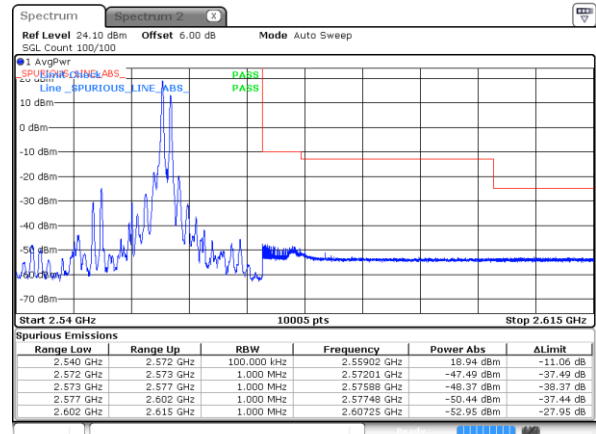
Date: 9 DEC 2019 19:05:17

Lowest Band Edge / 1RB99 and 1RB0



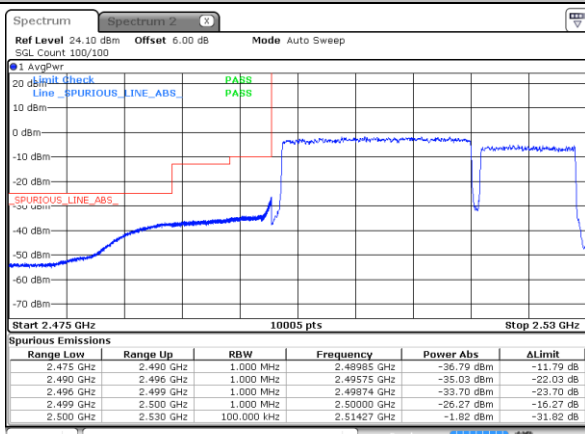
Date: 9 DEC 2019 18:52:36

Highest Band Edge / 1RB99 and 1RB0



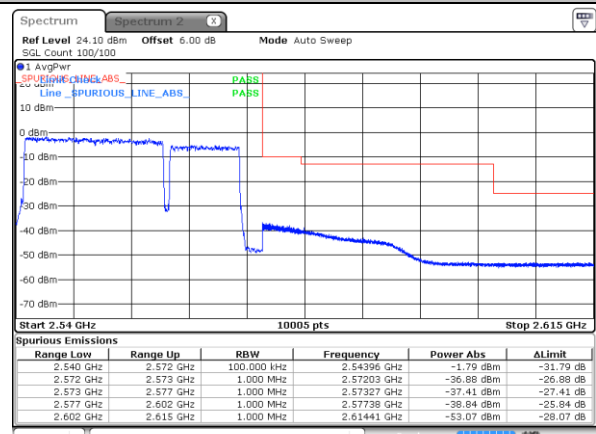
Date: 9 DEC 2019 19:09:51

Lowest Band Edge / Full RB



Date: 9 DEC 2019 18:48:35

Highest Band Edge / Full RB



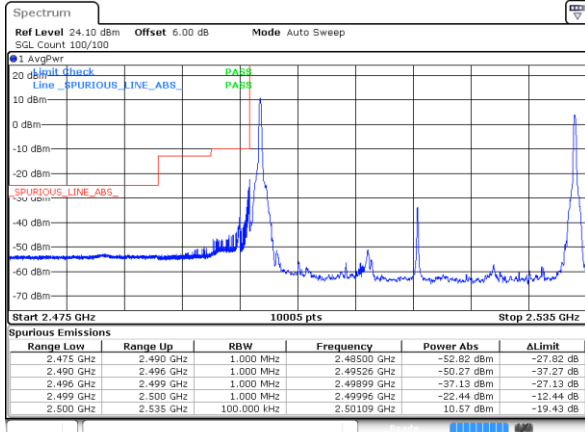
Date: 9 DEC 2019 19:04:16



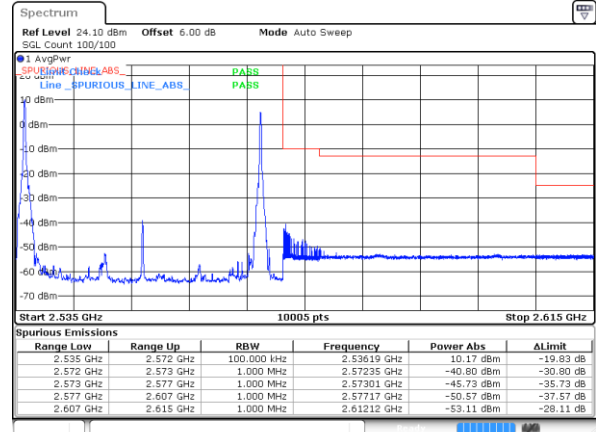
LTE Band 7 CA / 20MHz+15MHz

QPSK

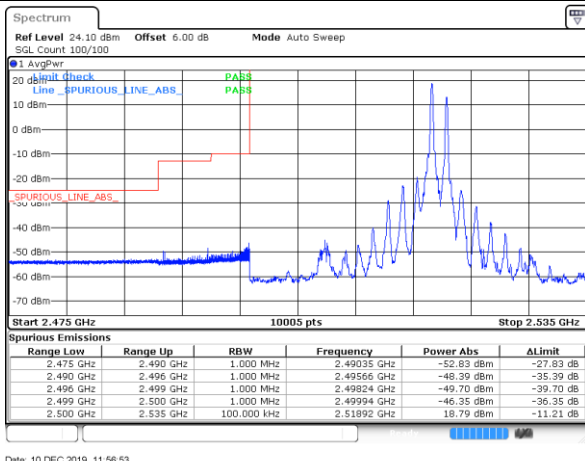
Lowest Band Edge / 1RB0 and 1RB74



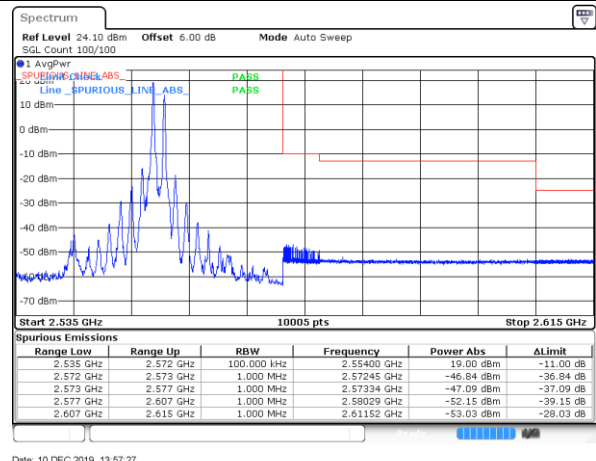
Highest Band Edge / 1RB0 and 1RB74



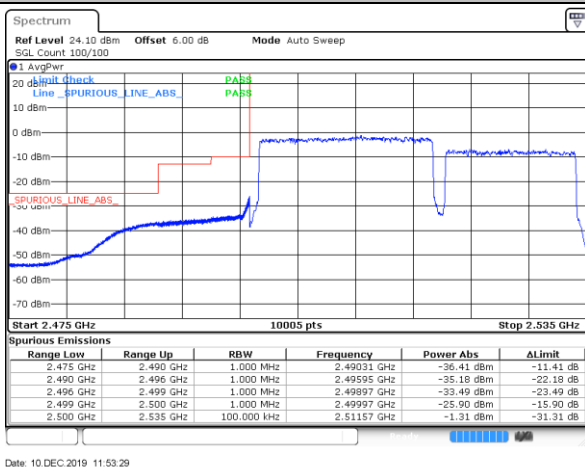
Lowest Band Edge / 1RB99 and 1RB0



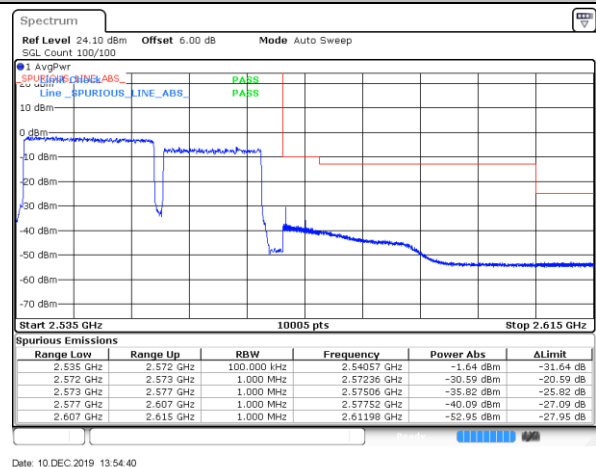
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

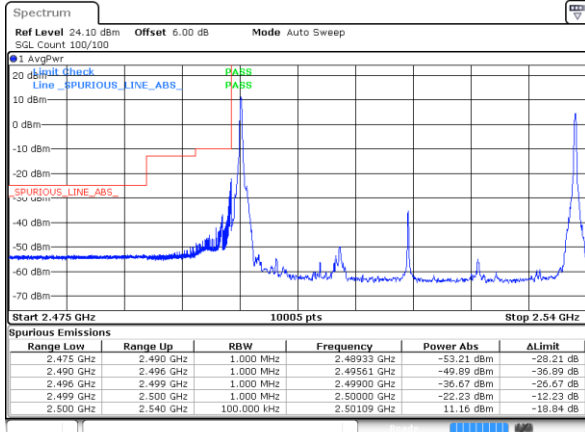




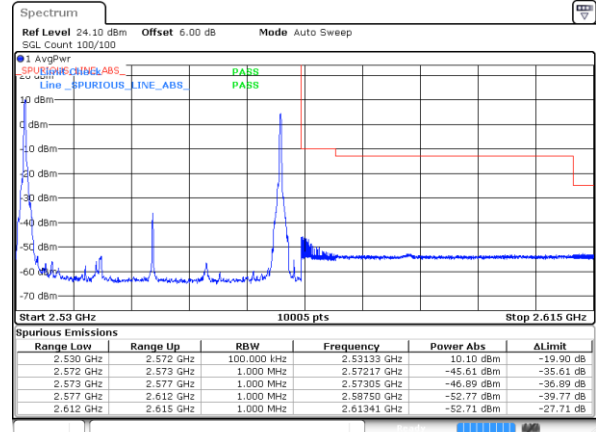
LTE Band 7 CA / 20MHz+20MHz

QPSK

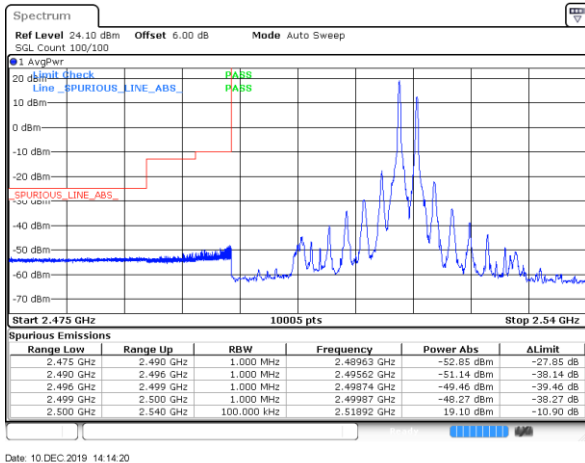
Lowest Band Edge / 1RB0 and 1RB99



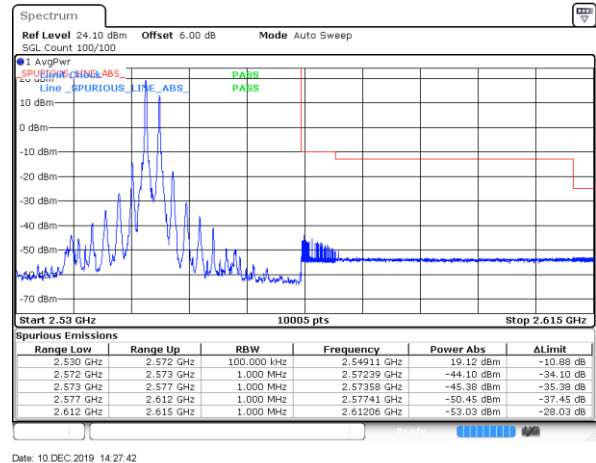
Highest Band Edge / 1RB0 and 1RB99



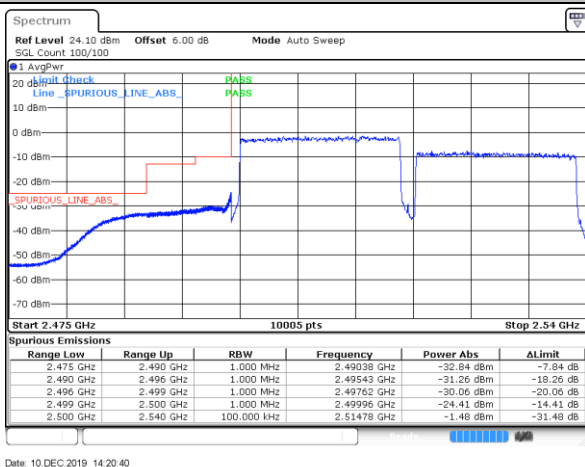
Lowest Band Edge / 1RB99 and 1RB0



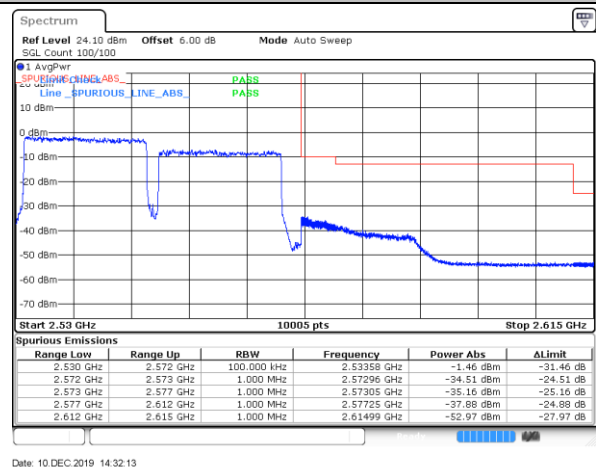
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

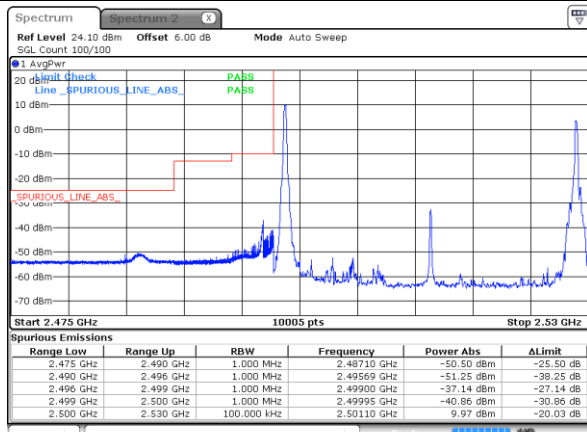




LTE Band 7 CA / 10MHz+20MHz

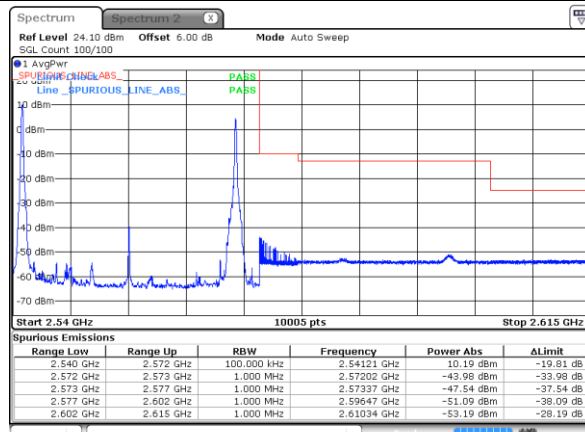
16QAM

Lowest Band Edge / 1RB0 and 1RB99



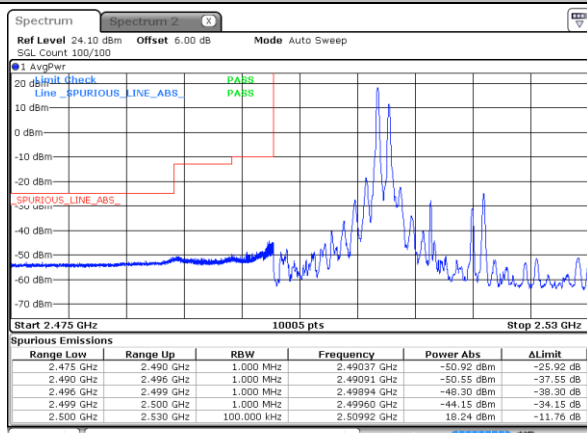
Date: 9 DEC 2019 16:18:51

Highest Band Edge / 1RB0 and 1RB99



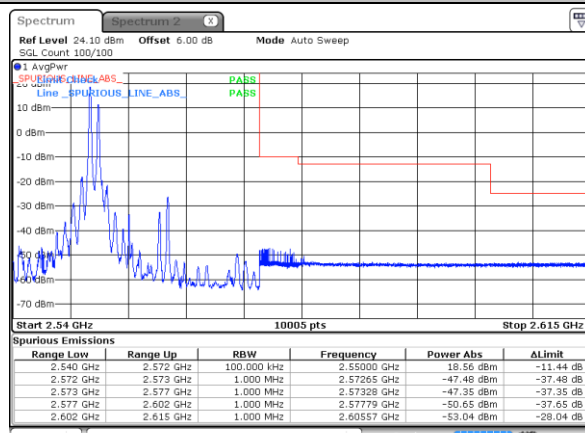
Date: 9 DEC 2019 16:20:37

Lowest Band Edge / 1RB49 and 1RB0



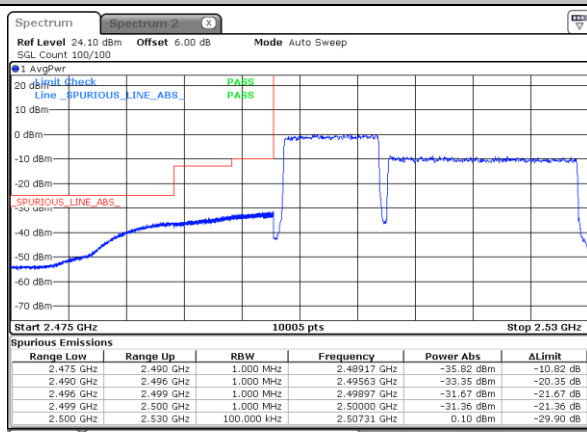
Date: 9 DEC 2019 16:13:09

Highest Band Edge / 1RB49 and 1RB0



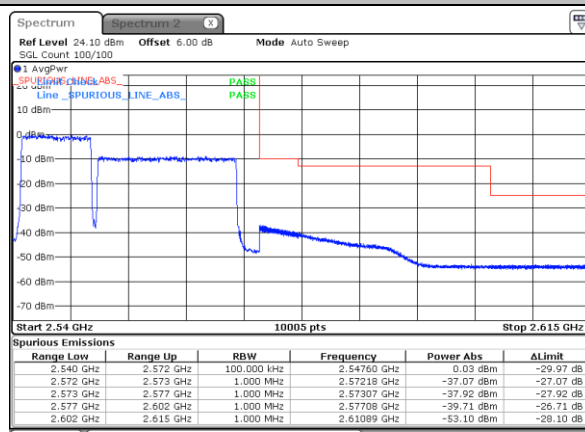
Date: 9 DEC 2019 16:25:16

Lowest Band Edge / Full RB



Date: 9 DEC 2019 16:16:37

Highest Band Edge / Full RB



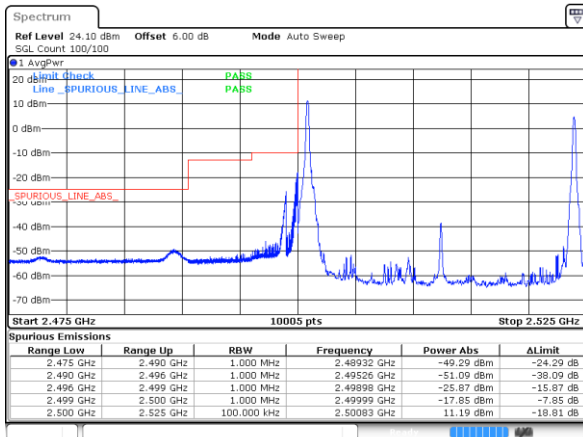
Date: 9 DEC 2019 16:22:11



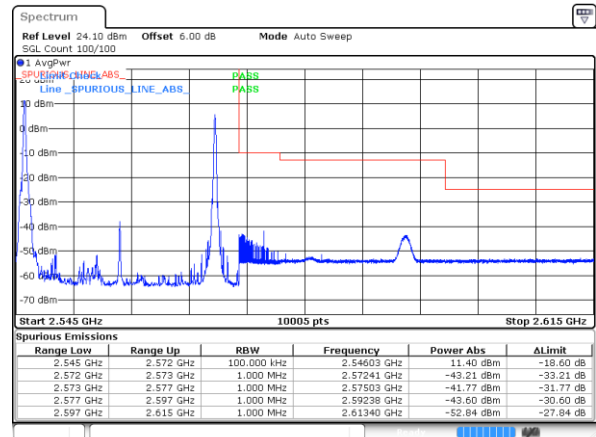
LTE Band 7 CA / 15MHz+10MHz

16QAM

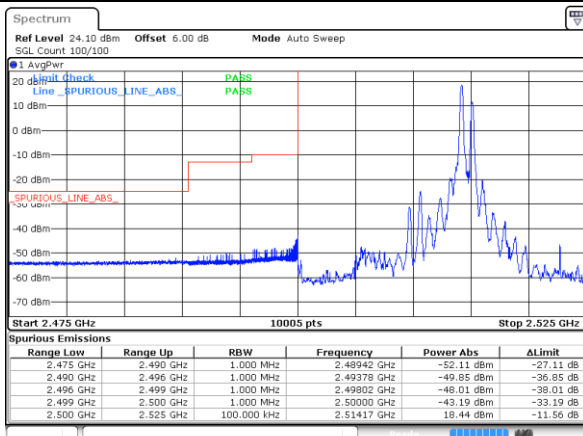
Lowest Band Edge / 1RB0 and 1RB49



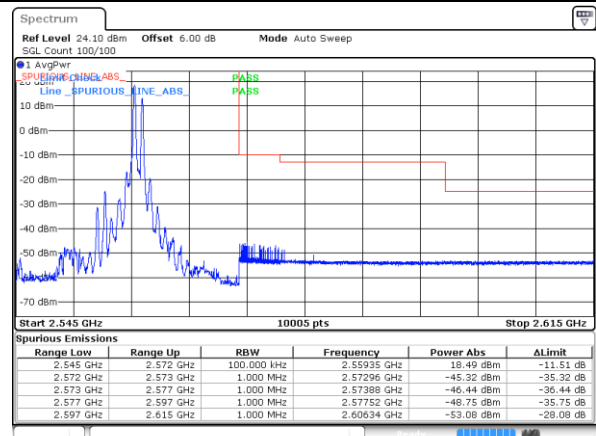
Highest Band Edge / 1RB0 and 1RB49



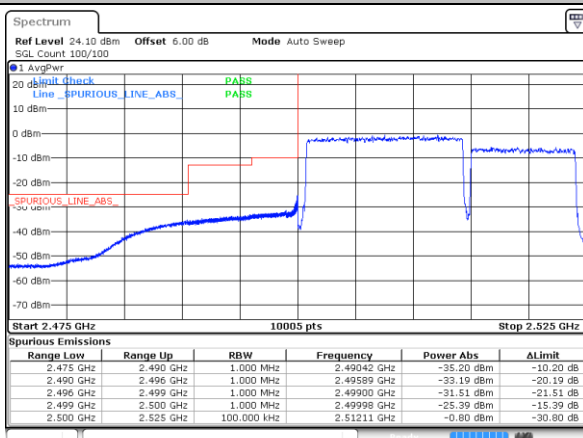
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

