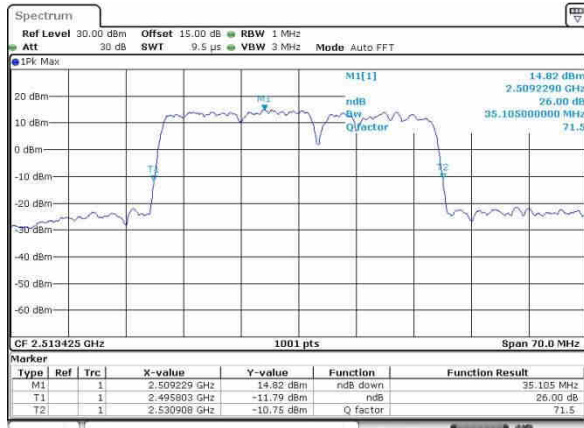




LTE Band 41

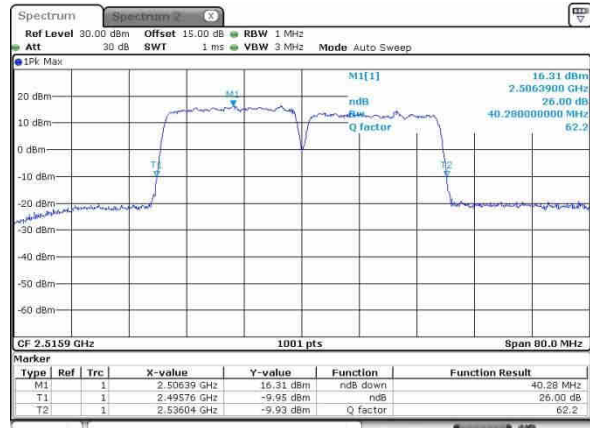
64QAM

Lowest Channel / 20MHz+15MHz



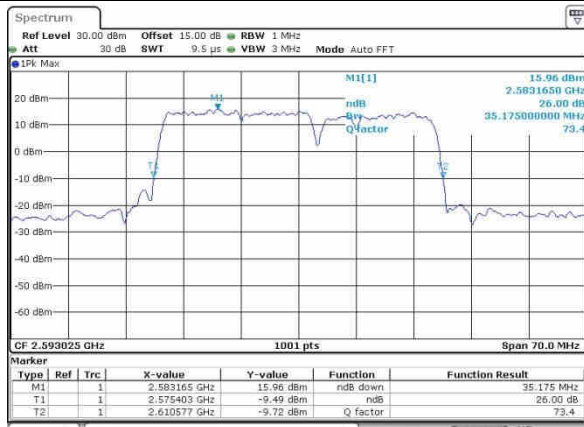
Date: 14.MAY.2019 23:55:36

Lowest Channel / 20MHz+20MHz



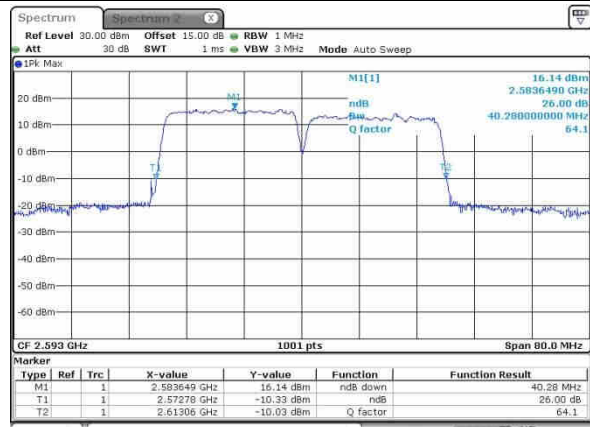
Date: 18 MAY 2019 18:59:26

Middle Channel / 20MHz+15MHz



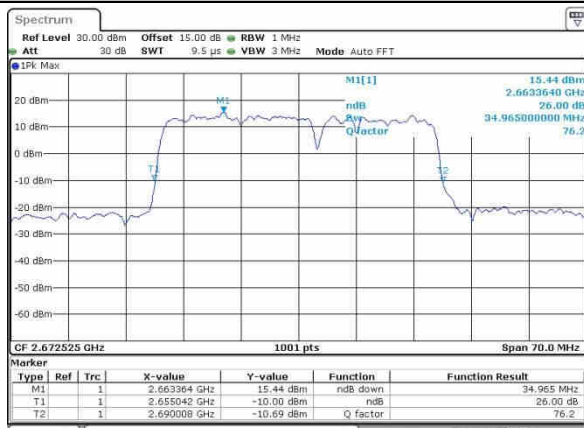
Date: 15.MAY.2019 00:20:35

Middle Channel / 20MHz+20MHz



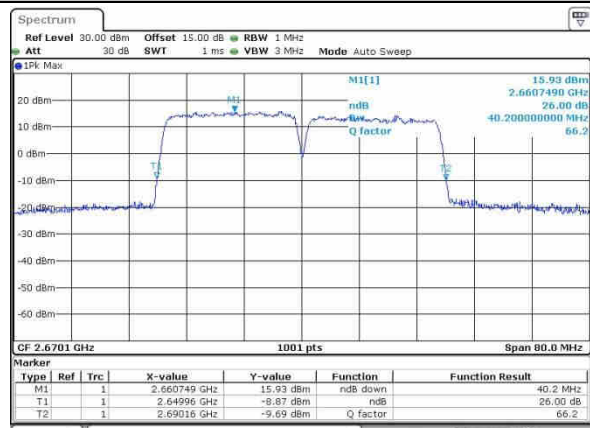
Date: 18 MAY 2019 19:28:47

Highest Channel / 20MHz+15MHz



Date: 15.MAY.2019 00:39:43

Highest Channel / 20MHz+20MHz



Date: 18 MAY 2019 19:45:53

**Occupied Bandwidth**

Mode	LTE Band 7 : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	28.05	-	23.57	28.59
Middle CH	28.17	-	23.62	28.71
Highest CH	28.11	-	23.62	28.83
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.86	28.05	32.93	37.88
Middle CH	32.93	28.11	33.00	37.64
Highest CH	32.93	28.17	33.07	37.72

Mode	LTE Band 7 : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	28.05	-	23.47	28.53
Middle CH	27.99	-	23.52	28.65
Highest CH	27.99	-	23.52	28.65
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.86	27.93	32.86	37.80
Middle CH	32.93	28.05	32.79	37.72
Highest CH	32.93	27.99	32.86	37.72

Mode	LTE Band 7 : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.93	-	23.42	28.53
Middle CH	27.93	-	23.47	28.53
Highest CH	27.87	-	23.52	28.47
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.72	27.93	32.79	37.64
Middle CH	32.79	27.93	32.86	37.48
Highest CH	32.72	27.93	32.93	37.48



Mode	LTE Band 41 : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.27	23.53	27.87	23.58	28.65
Middle CH	22.92	23.48	28.05	23.58	28.47
Highest CH	23.18	23.43	28.11	23.33	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.94	23.18	28.05	32.87	37.72
Middle CH	32.80	23.28	27.93	32.87	37.72
Highest CH	32.87	23.23	27.99	32.87	37.72

Mode	LTE Band 41 : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.33	23.48	28.05	23.58	28.47
Middle CH	23.08	23.53	27.99	23.43	28.53
Highest CH	23.18	23.48	27.93	23.43	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.38	28.05	32.94	37.80
Middle CH	32.80	23.38	28.17	32.94	37.80
Highest CH	32.87	23.33	28.05	32.80	37.72

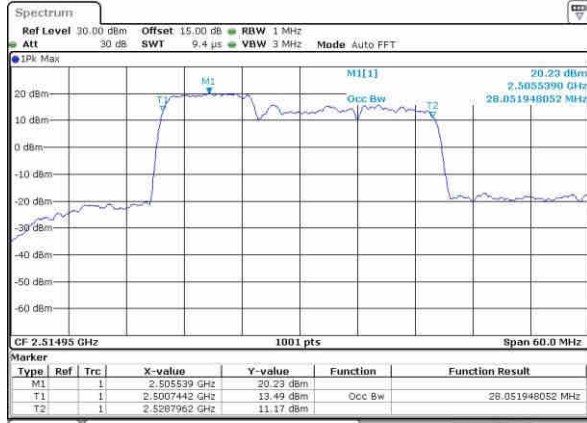
Mode	LTE Band 41 : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.28	23.53	27.81	23.43	28.59
Middle CH	23.18	23.28	28.11	23.53	28.71
Highest CH	23.28	23.33	27.99	23.38	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	33.01	23.18	27.99	32.73	37.80
Middle CH	32.94	23.28	28.11	32.80	37.80
Highest CH	32.80	23.43	28.11	32.66	37.80



LTE Band 7

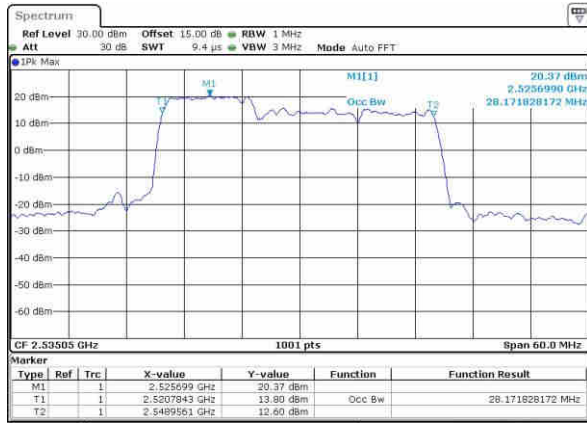
QPSK

Lowest Channel / 10MHz+20MHz



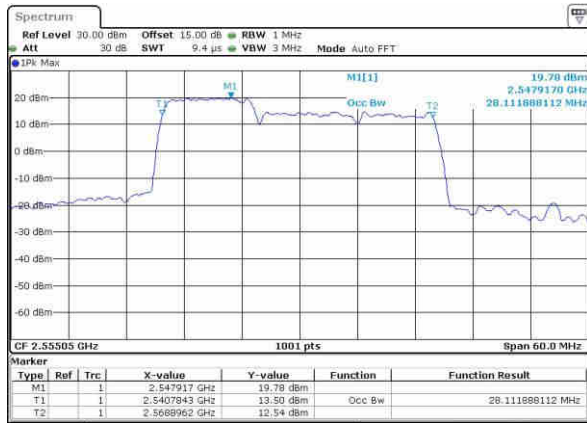
Date: 11.MAY.2019 11:19:53

Middle Channel / 10MHz+20MHz



Date: 11.MAY.2019 12:58:59

Highest Channel / 10MHz+20MHz



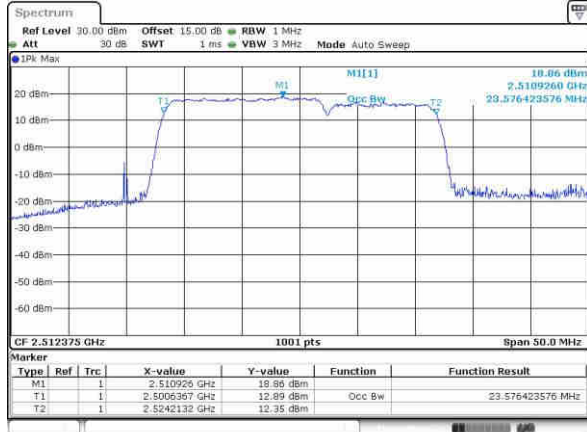
Date: 11.MAY.2019 13:04:00



LTE Band 7

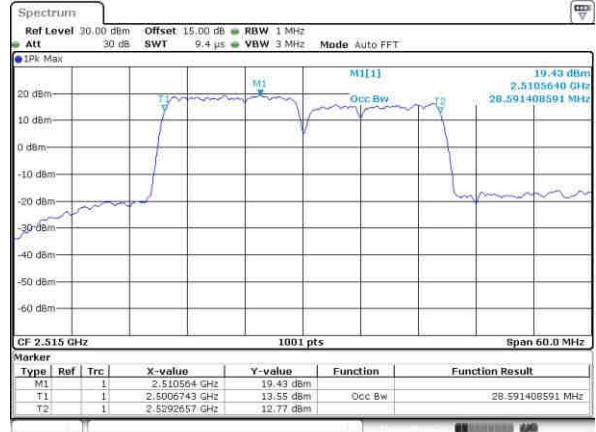
QPSK

Lowest Channel / 15MHz+10MHz



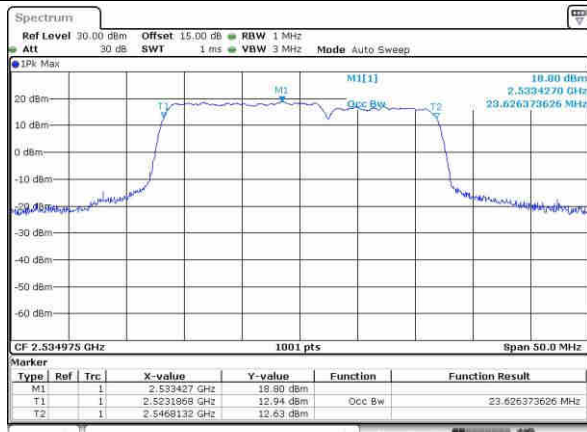
Date: 14 MAY 2019 13:57:17

Lowest Channel / 15MHz+15MHz



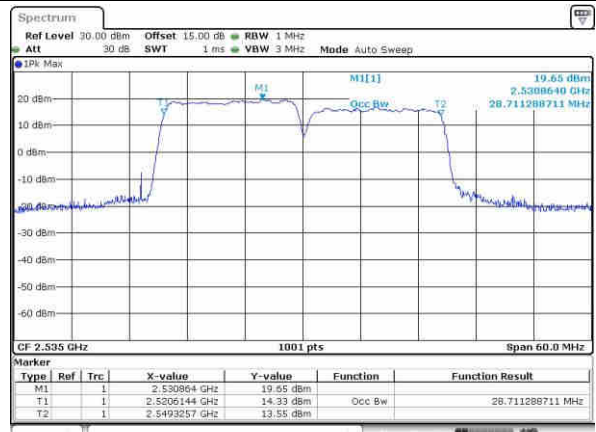
Date: 13 MAY 2019 16:10:32

Middle Channel / 15MHz+10MHz



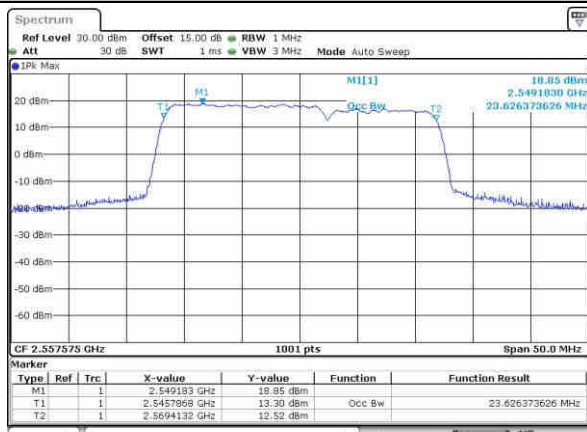
Date: 14 MAY 2019 15:50:39

Middle Channel / 15MHz+15MHz



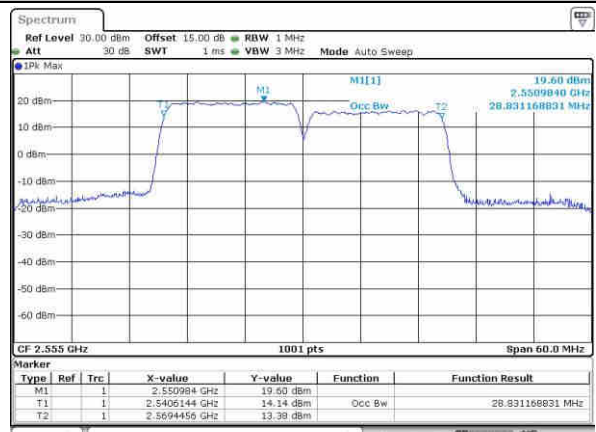
Date: 12 MAY 2019 14:35:48

Highest Channel / 15MHz+10MHz



Date: 14 MAY 2019 16:01:13

Highest Channel / 15MHz+15MHz



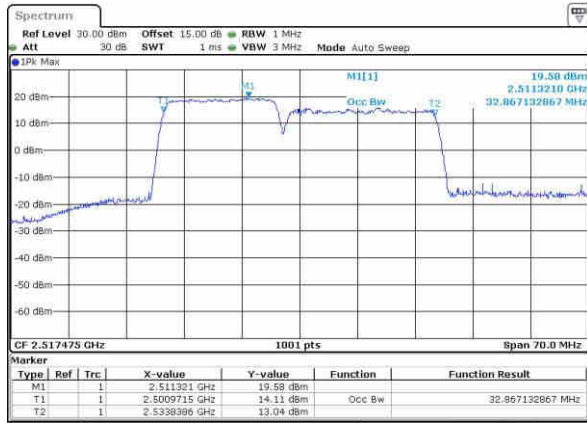
Date: 12 MAY 2019 16:23:45



LTE Band 7

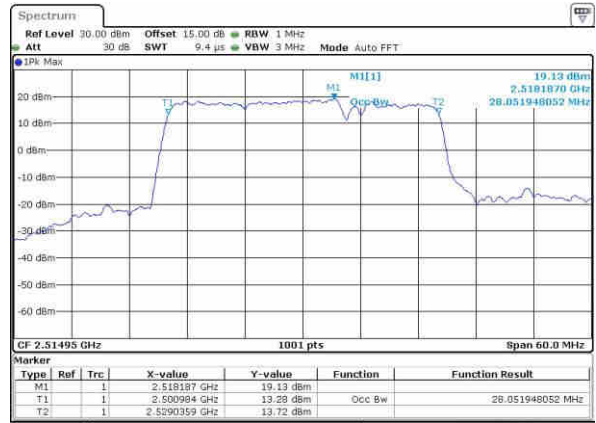
QPSK

Lowest Channel / 15MHz+20MHz



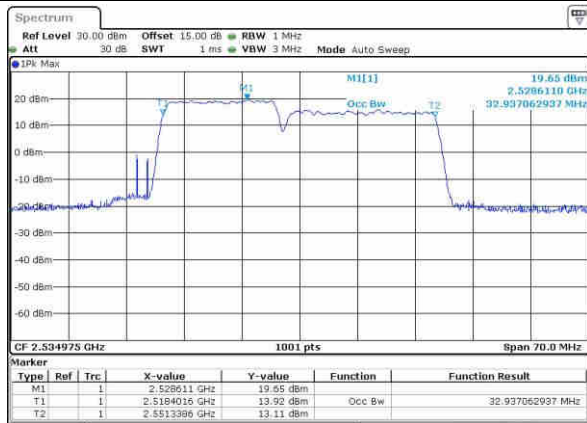
Date: 12 MAY 2019 18:32:56

Lowest Channel / 20MHz+10MHz



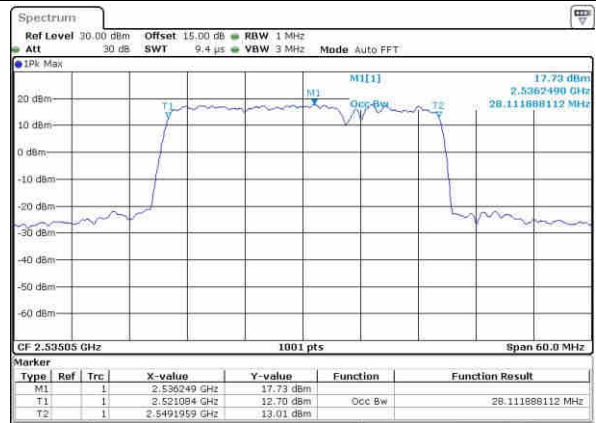
Date: 11 MAY 2019 13:57:12

Middle Channel / 15MHz+20MHz



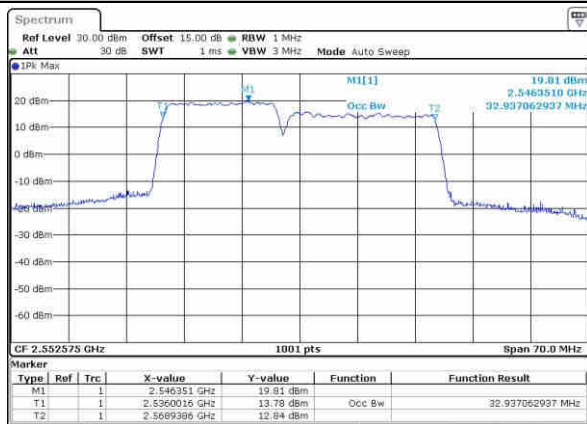
Date: 12 MAY 2019 18:46:12

Middle Channel / 20MHz+10MHz



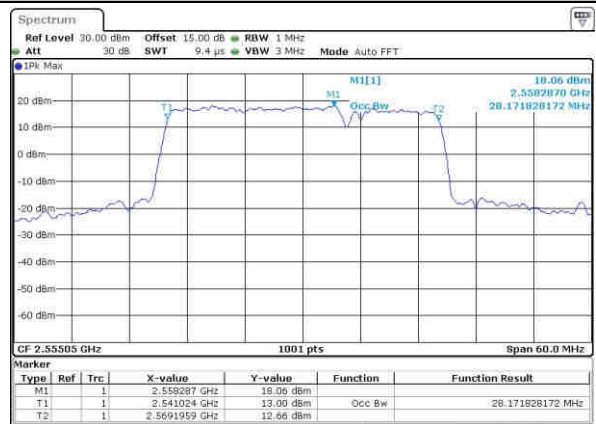
Date: 11 MAY 2019 13:52:52

Highest Channel / 15MHz+20MHz



Date: 12 MAY 2019 18:54:35

Highest Channel / 20MHz+10MHz



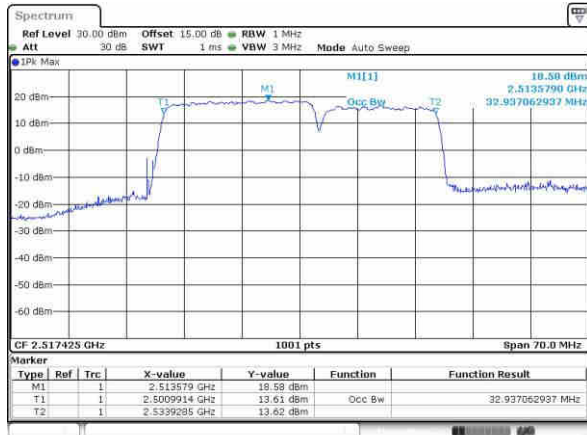
Date: 11 MAY 2019 13:18:05



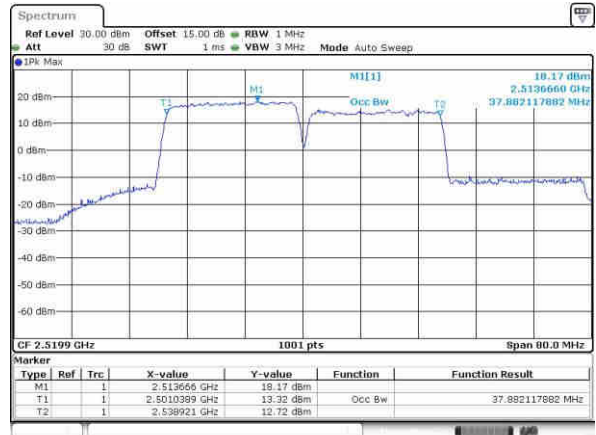
LTE Band 7

QPSK

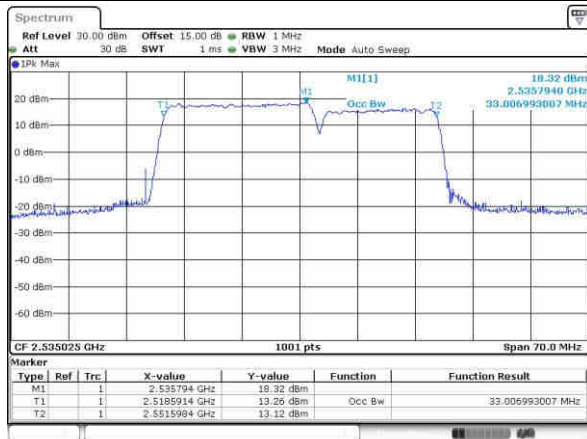
Lowest Channel / 20MHz+15MHz



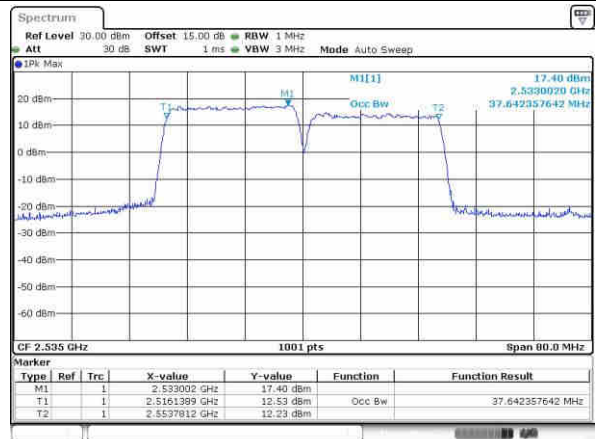
Lowest Channel / 20MHz+20MHz



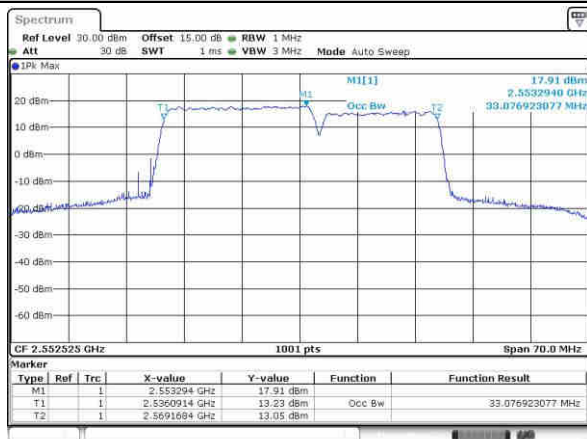
Middle Channel / 20MHz+15MHz



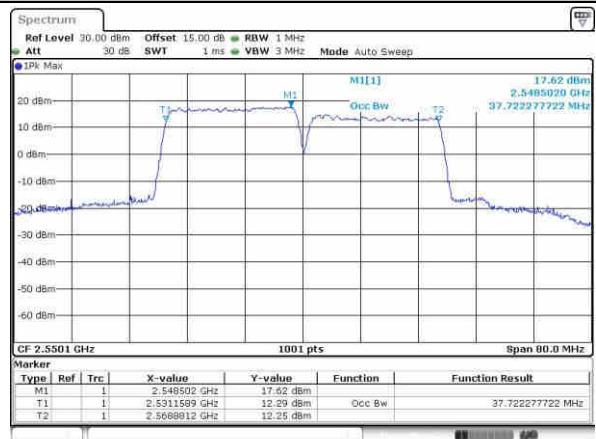
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

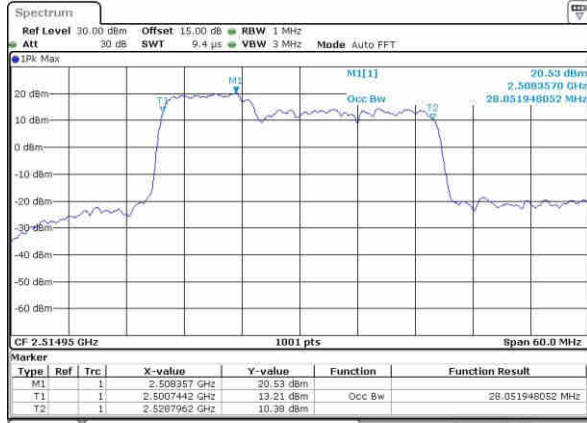




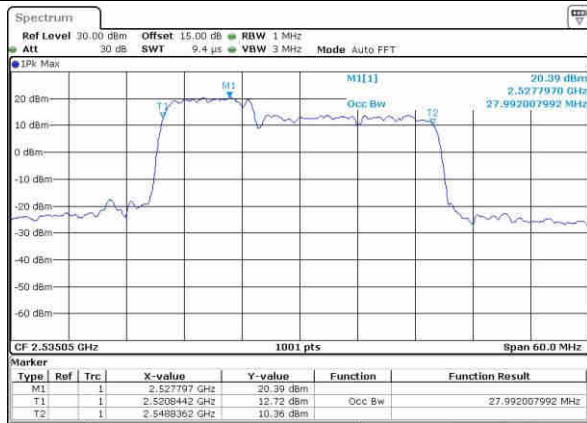
LTE Band 7

16QAM

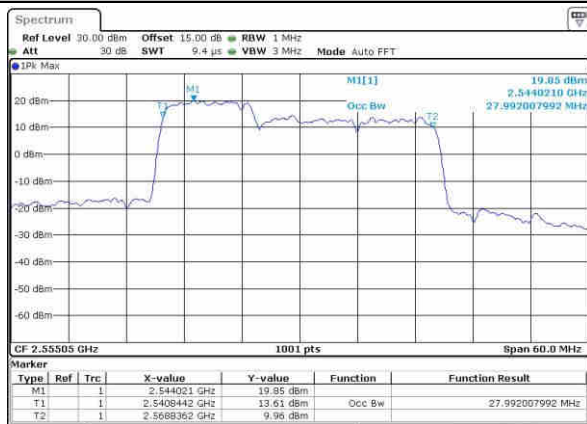
Lowest Channel / 10MHz+20MHz



Middle Channel / 10MHz+20MHz



Highest Channel / 10MHz+20MHz

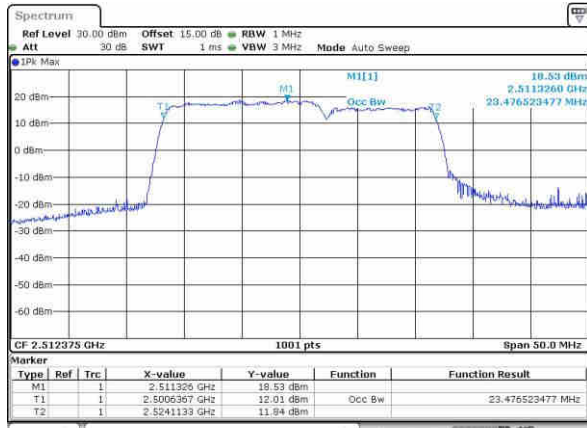




LTE Band 7

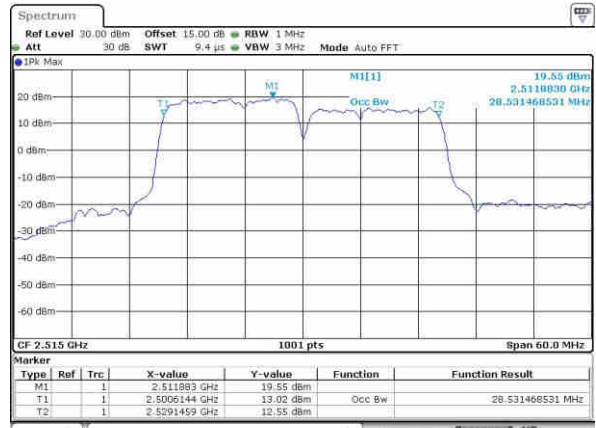
16QAM

Lowest Channel / 15MHz+10MHz



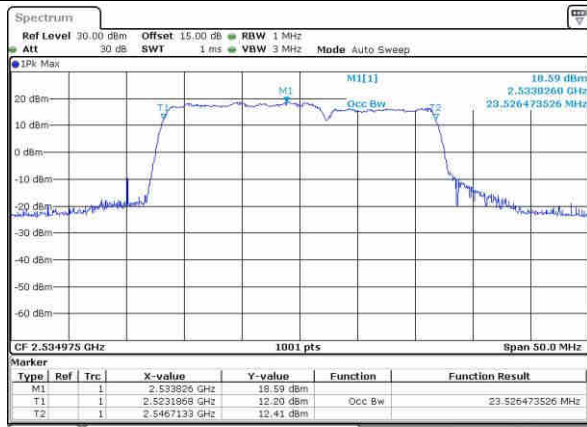
Date: 14 MAY 2019 14:01:05

Lowest Channel / 15MHz+15MHz



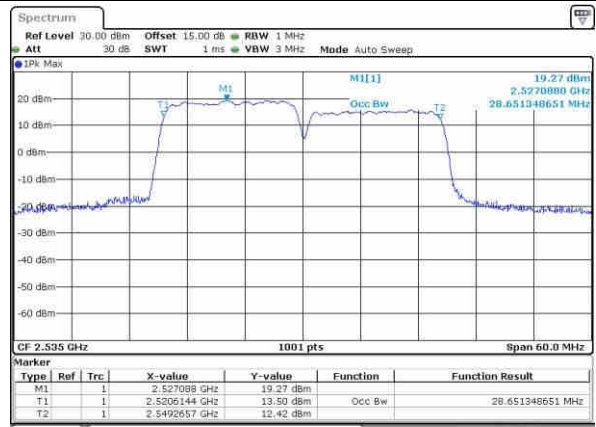
Date: 13 MAY 2019 16:18:25

Middle Channel / 15MHz+10MHz



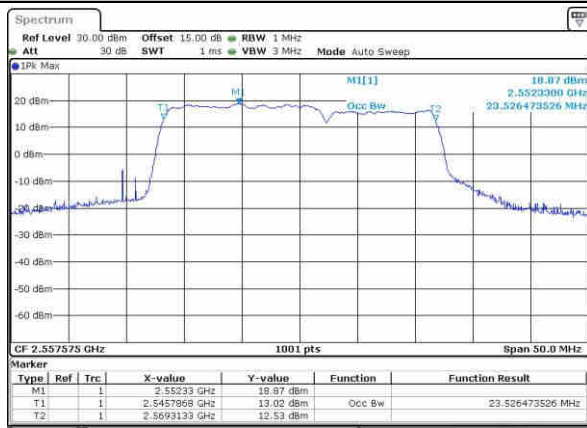
Date: 14 MAY 2019 15:47:26

Middle Channel / 15MHz+15MHz



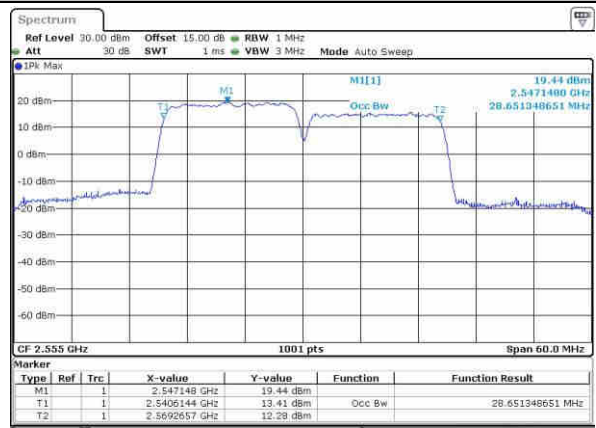
Date: 12 MAY 2019 14:40:05

Highest Channel / 15MHz+10MHz



Date: 14 MAY 2019 16:28:14

Highest Channel / 15MHz+15MHz



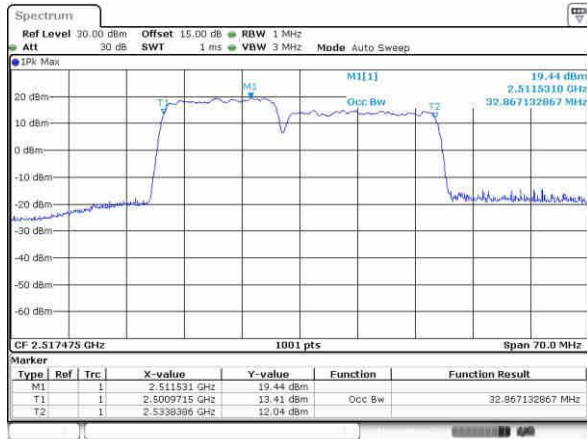
Date: 12 MAY 2019 16:13:35



LTE Band 7

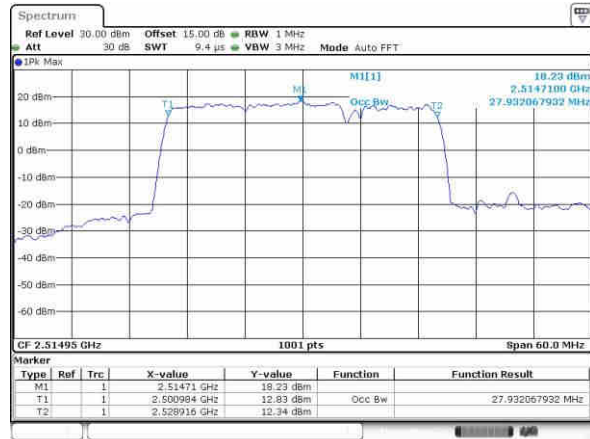
16QAM

Lowest Channel / 15MHz+20MHz



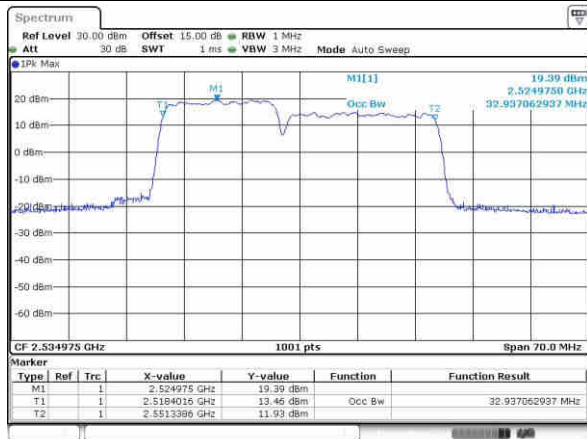
Date: 12 MAY 2019 16:46:15

Lowest Channel / 20MHz+10MHz



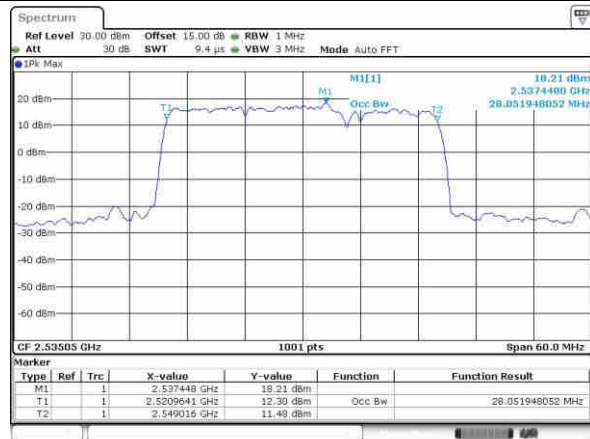
Date: 11 MAY 2019 14:04:08

Middle Channel / 15MHz+20MHz



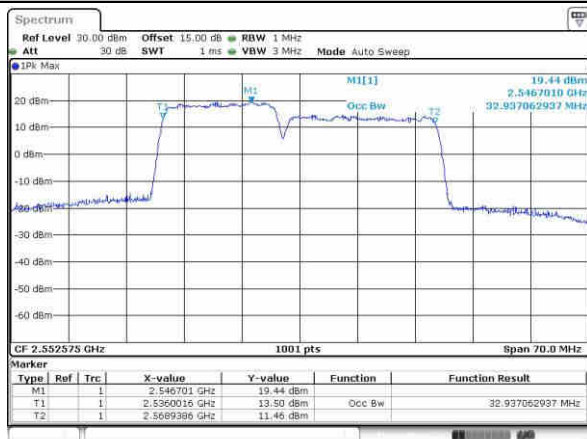
Date: 12 MAY 2019 18:39:47

Middle Channel / 20MHz+10MHz



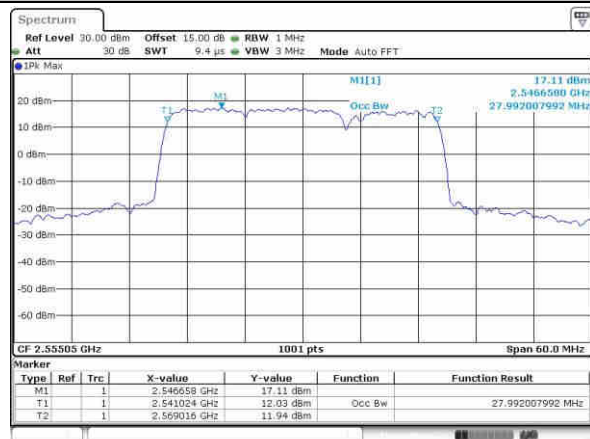
Date: 11 MAY 2019 14:04:06

Highest Channel / 15MHz+20MHz



Date: 12 MAY 2019 18:57:41

Highest Channel / 20MHz+10MHz



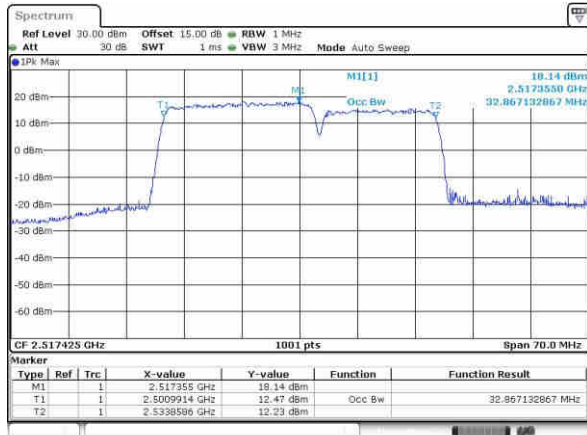
Date: 11 MAY 2019 13:17:12



LTE Band 7

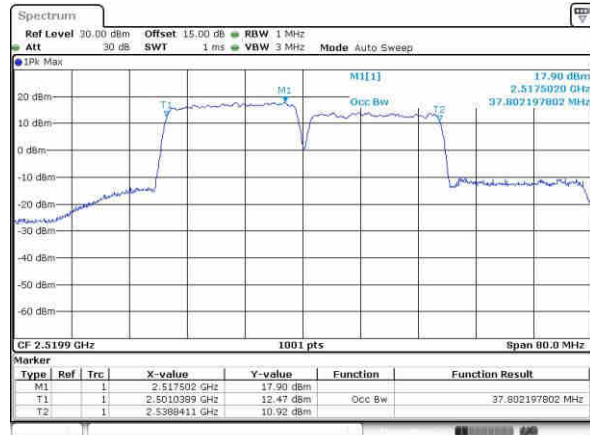
16QAM

Lowest Channel / 20MHz+15MHz



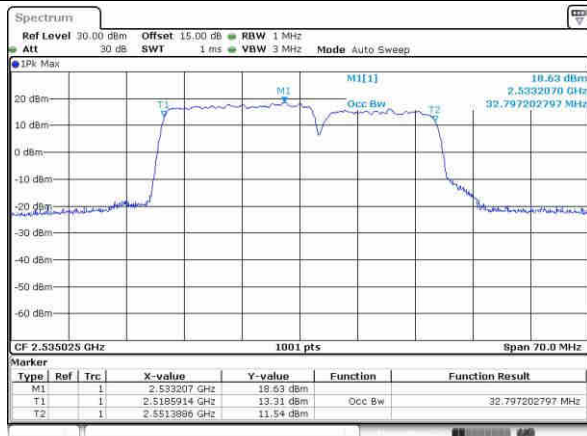
Date: 13 MAY 2019 10:21:53

Lowest Channel / 20MHz+20MHz



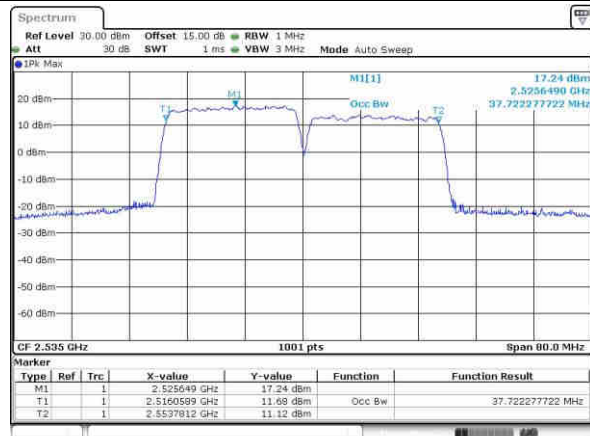
Date: 14 MAY 2019 09:11:48

Middle Channel / 20MHz+15MHz



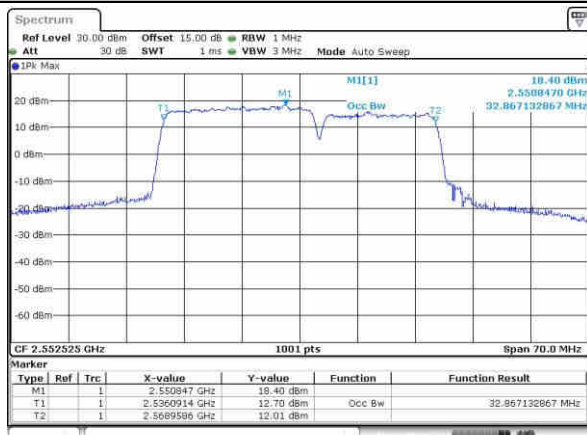
Date: 13 MAY 2019 11:04:11

Middle Channel / 20MHz+20MHz



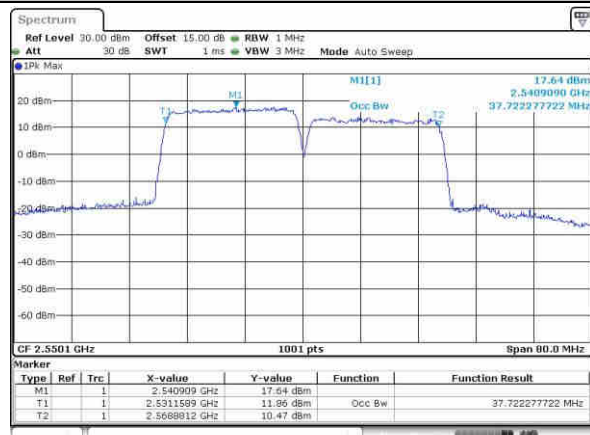
Date: 14 MAY 2019 10:12:47

Highest Channel / 20MHz+15MHz



Date: 13 MAY 2019 11:15:06

Highest Channel / 20MHz+20MHz



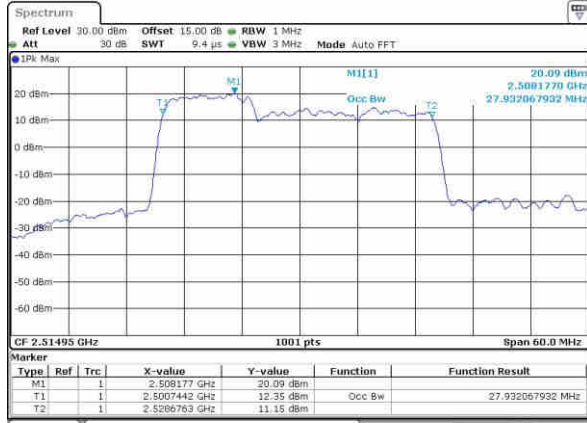
Date: 14 MAY 2019 10:25:30



LTE Band 7

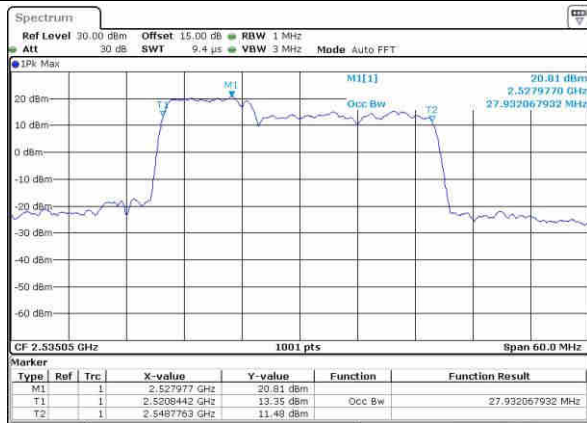
64QAM

Lowest Channel / 10MHz+20MHz



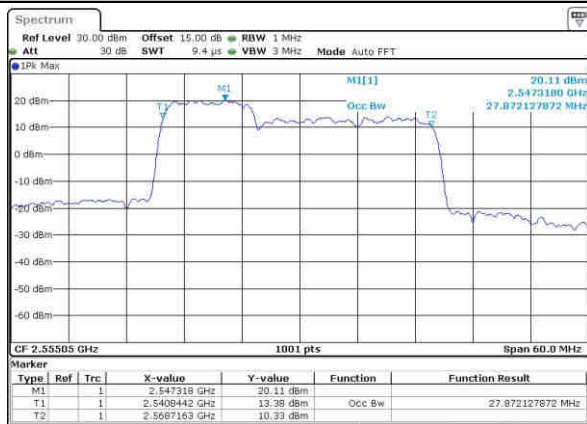
Date: 11.MAY.2019 11:27:44

Middle Channel / 10MHz+20MHz



Date: 11.MAY.2019 12:58:22

Highest Channel / 10MHz+20MHz



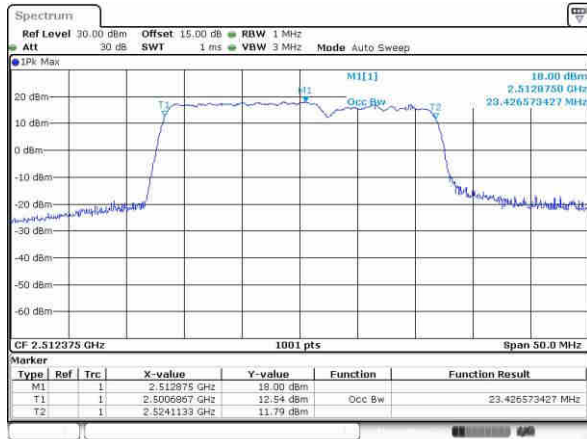
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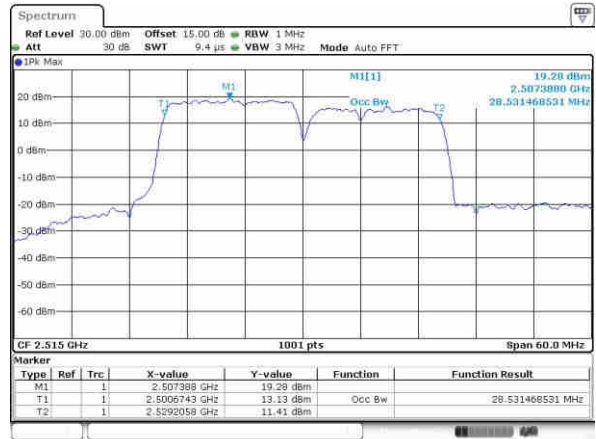
LTE Band 7

64QAM

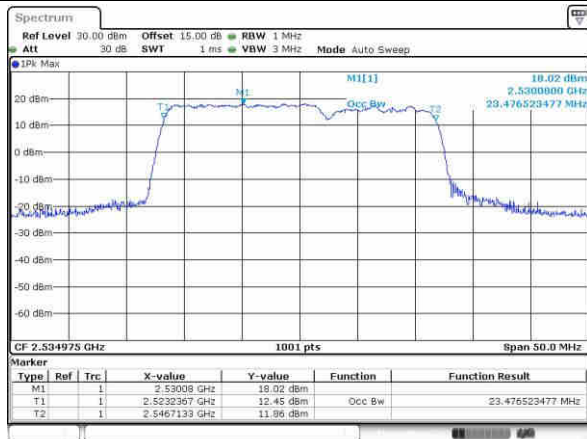
Lowest Channel / 15MHz+10MHz



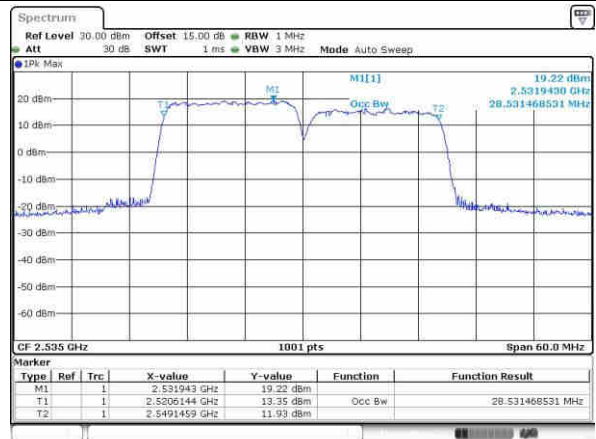
Lowest Channel / 15MHz+15MHz



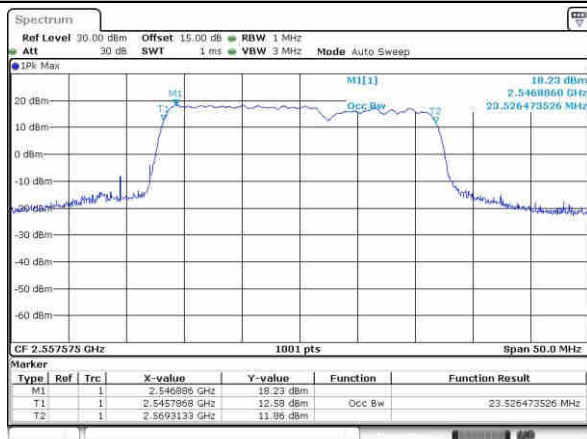
Middle Channel / 15MHz+10MHz



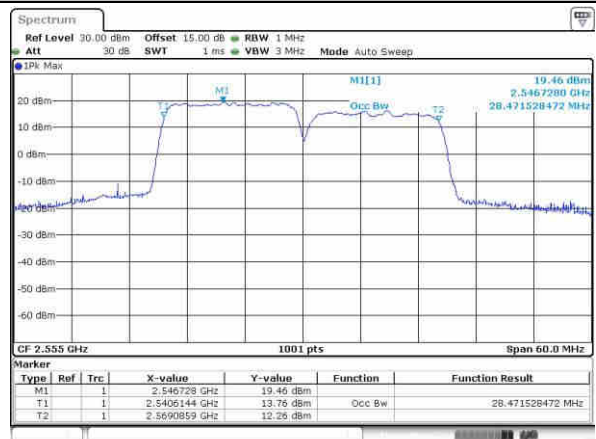
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

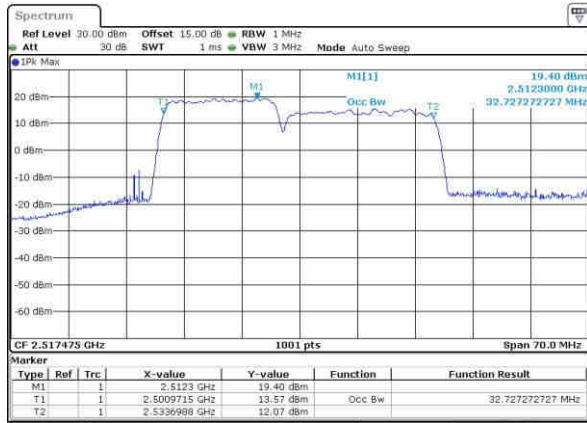




LTE Band 7

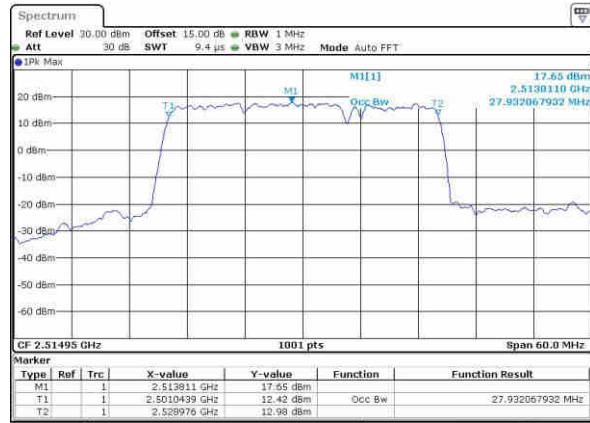
64QAM

Lowest Channel / 15MHz+20MHz



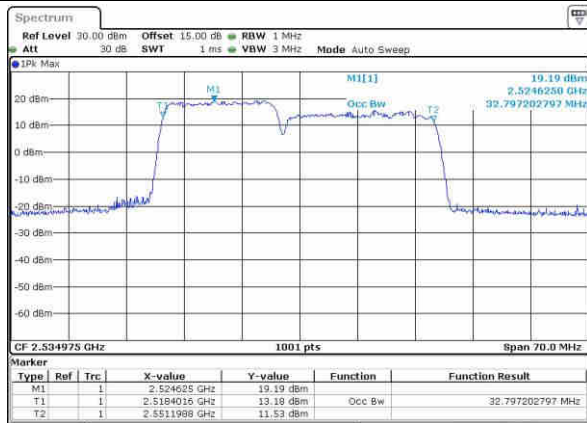
Date: 12 MAY 2019 17:02:48

Lowest Channel / 20MHz+10MHz



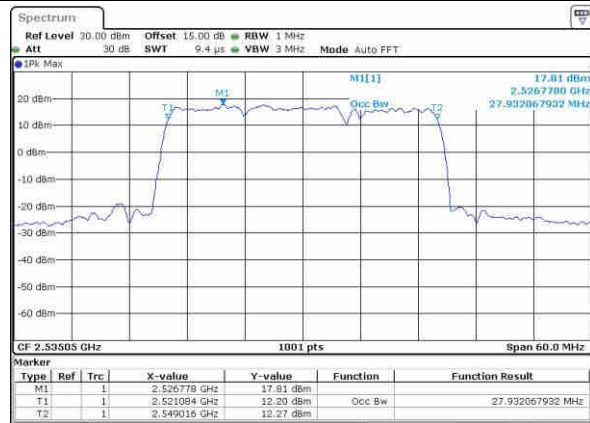
Date: 11 MAY 2019 14:09:12

Middle Channel / 15MHz+20MHz



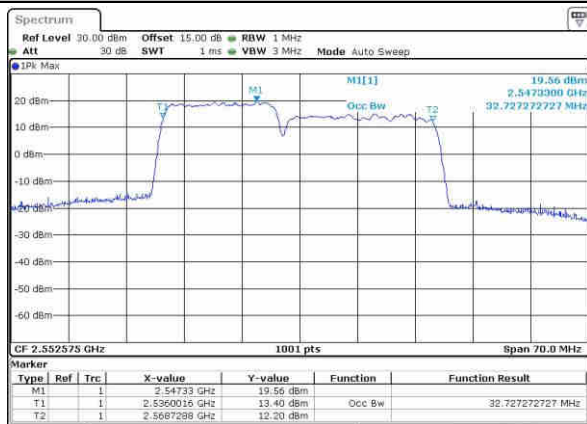
Date: 12 MAY 2019 18:02:16

Middle Channel / 20MHz+10MHz



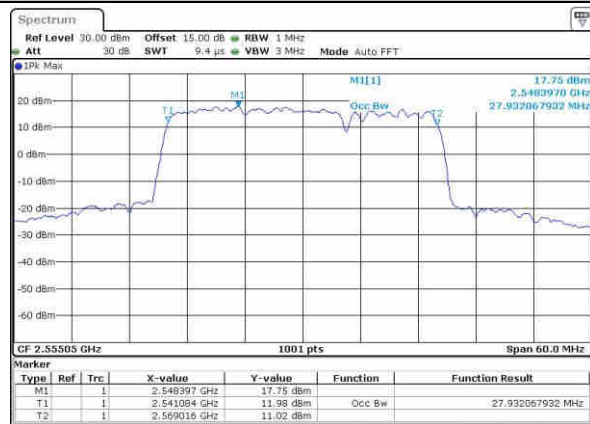
Date: 11 MAY 2019 14:46:07

Highest Channel / 15MHz+20MHz



Date: 12 MAY 2019 18:02:33

Highest Channel / 20MHz+10MHz



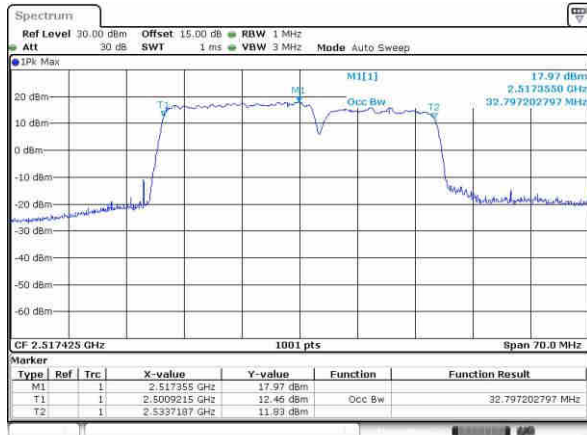
Date: 11 MAY 2019 15:21:11



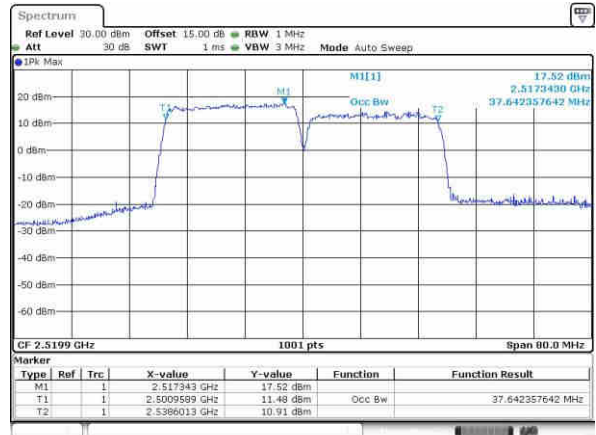
LTE Band 7

64QAM

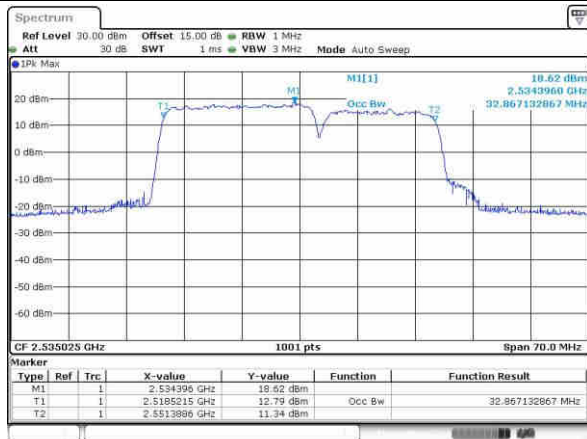
Lowest Channel / 20MHz+15MHz



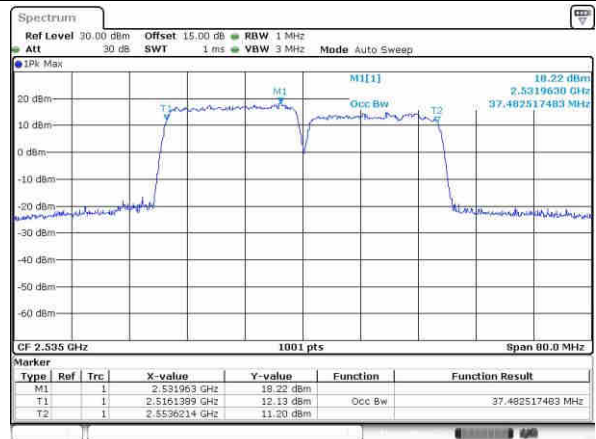
Lowest Channel / 20MHz+20MHz



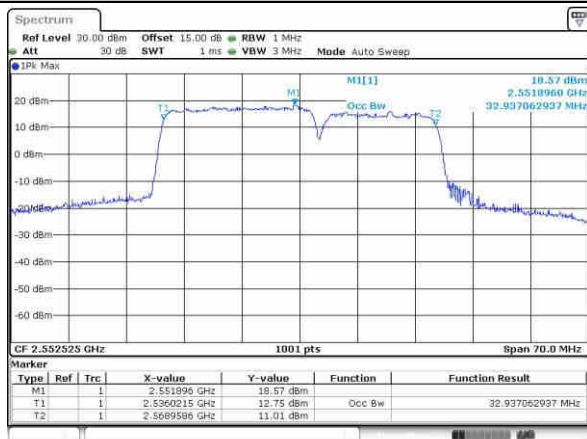
Middle Channel / 20MHz+15MHz



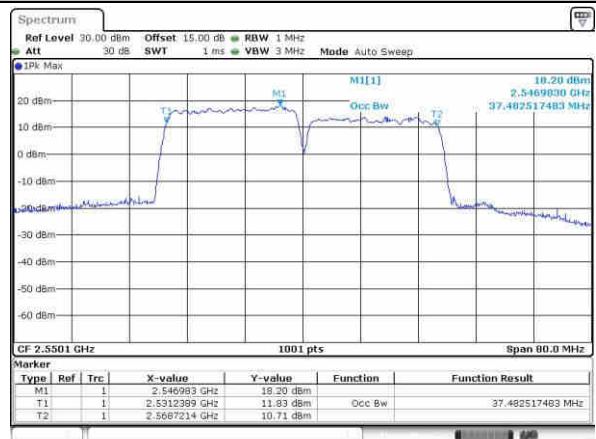
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

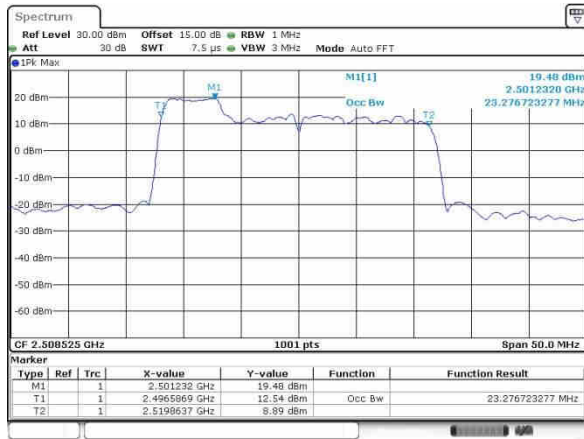




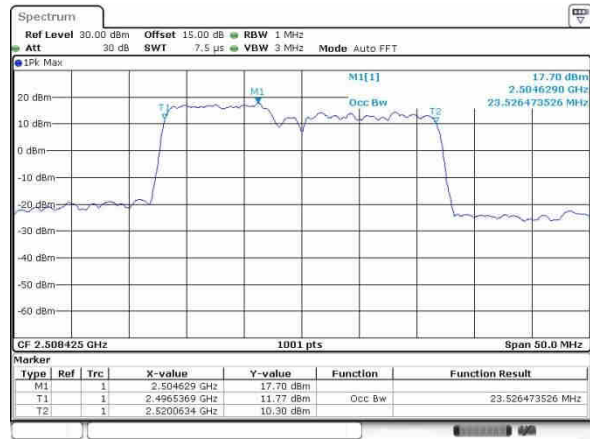
LTE Band 41

QPSK

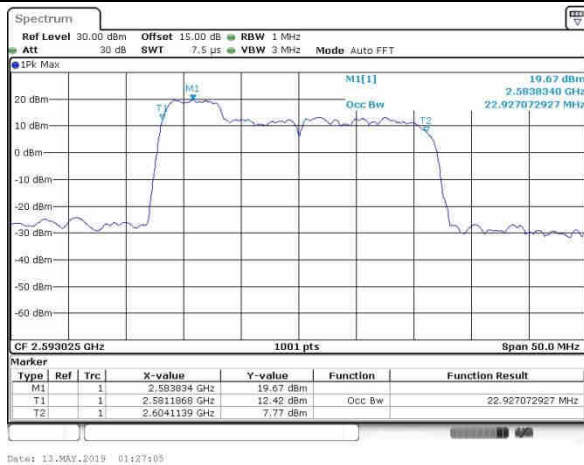
Lowest Channel / 5MHz+20MHz



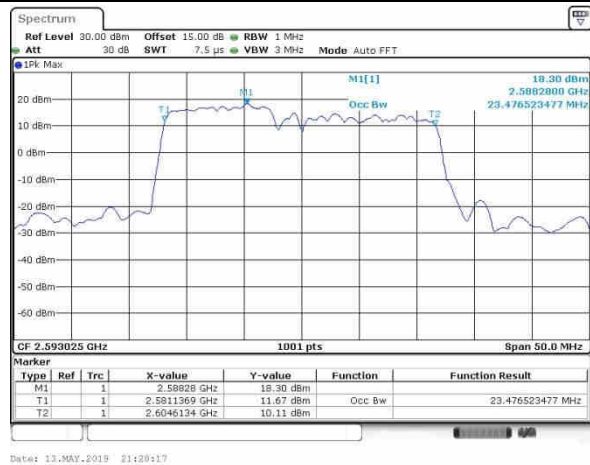
Lowest Channel / 10MHz+15MHz



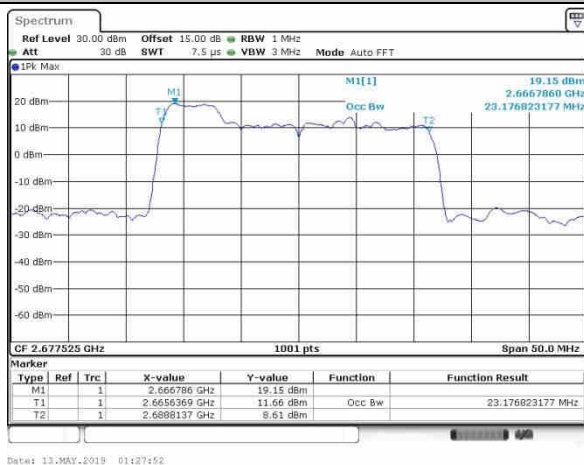
Middle Channel / 5MHz+20MHz



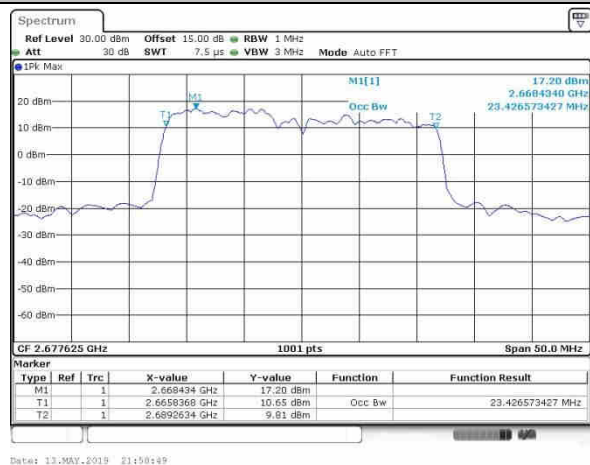
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

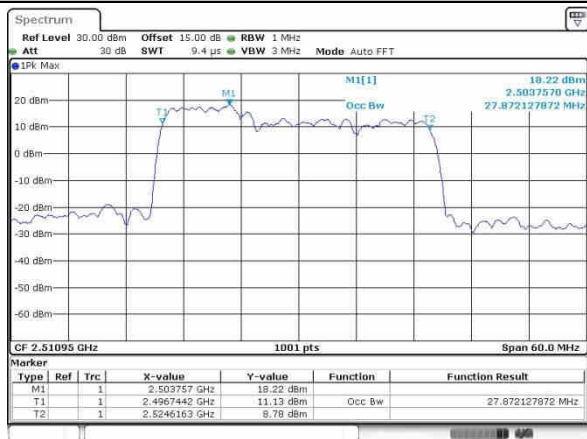




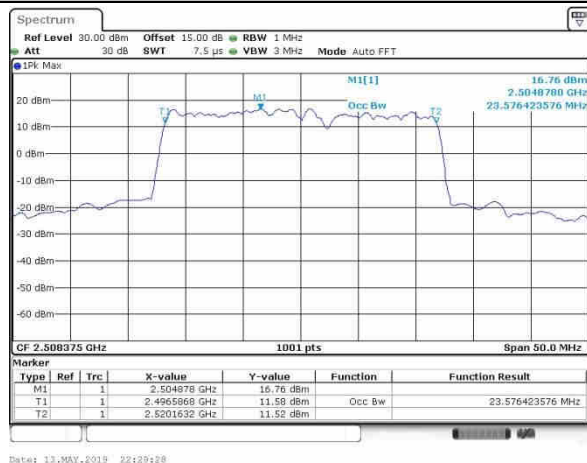
LTE Band 41

QPSK

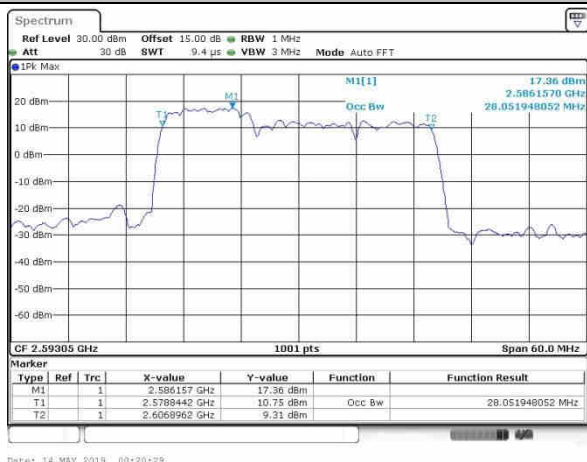
Lowest Channel / 10MHz+20MHz



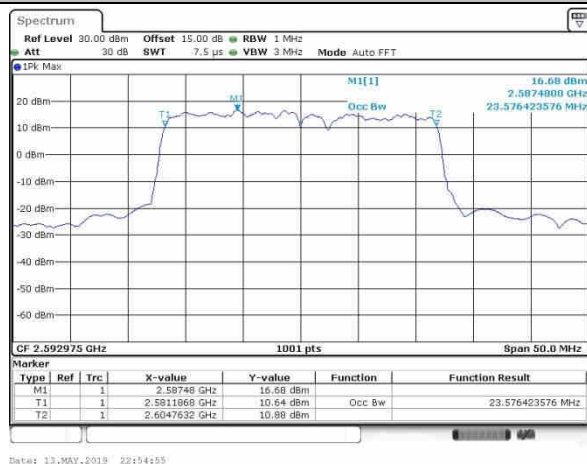
Lowest Channel / 15MHz+10MHz



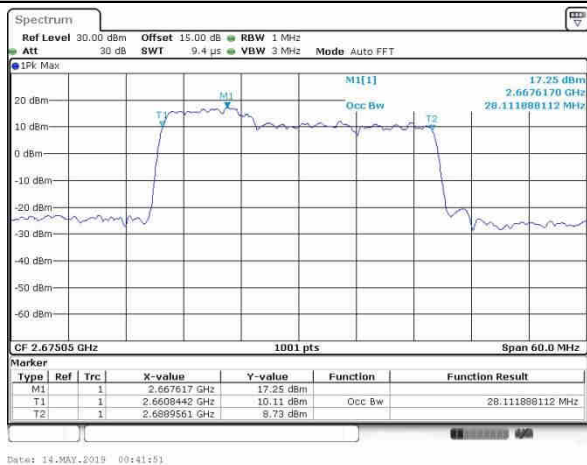
Middle Channel / 10MHz+20MHz



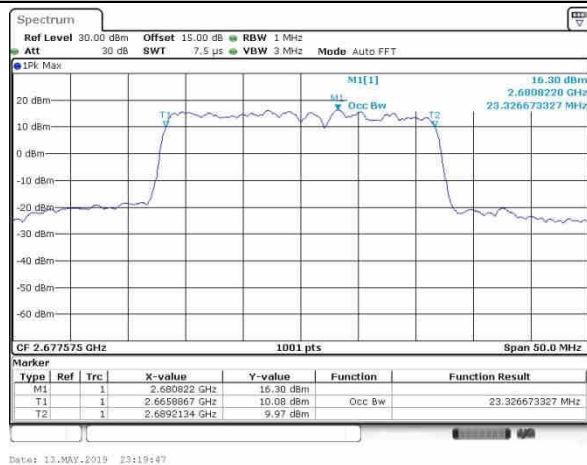
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

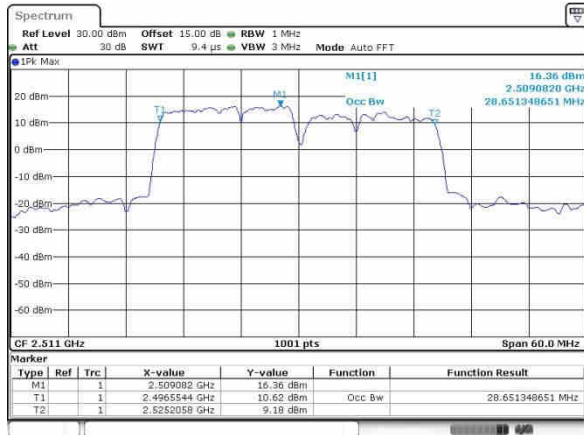




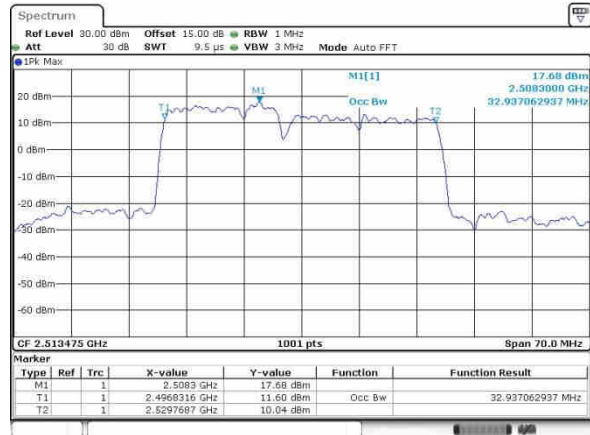
LTE Band 41

QPSK

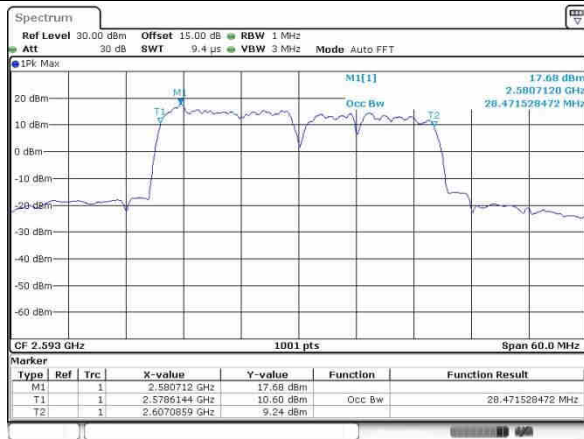
Lowest Channel / 15MHz+15MHz



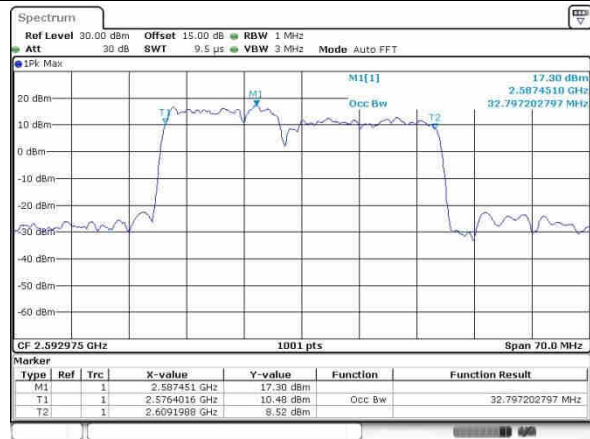
Lowest Channel / 15MHz+20MHz



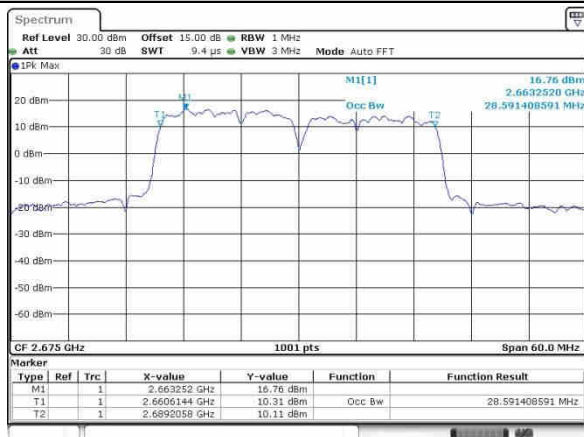
Middle Channel / 15MHz+15MHz



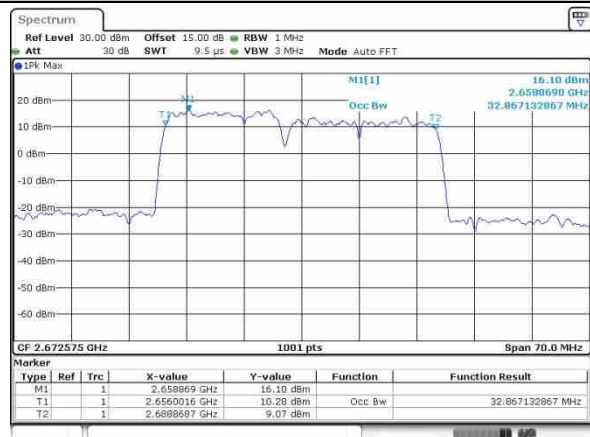
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 15MHz+20MHz

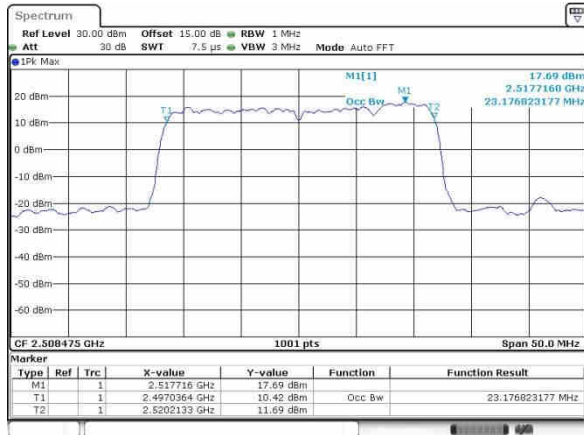




LTE Band 41

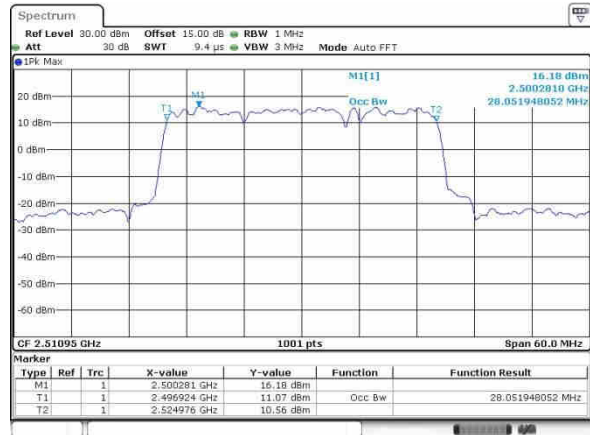
QPSK

Lowest Channel / 20MHz+5MHz



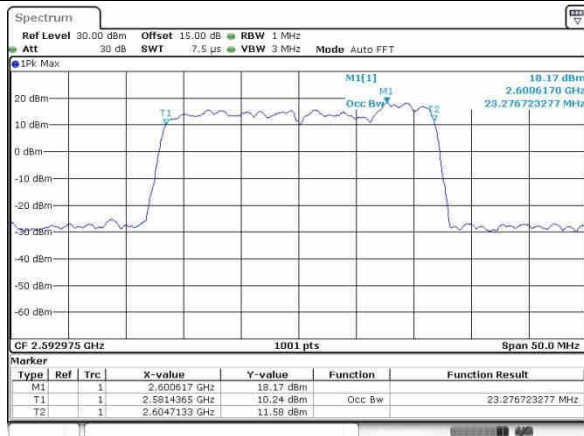
Date: 13.MAY.2019 02:09:02

Lowest Channel / 20MHz+10MHz



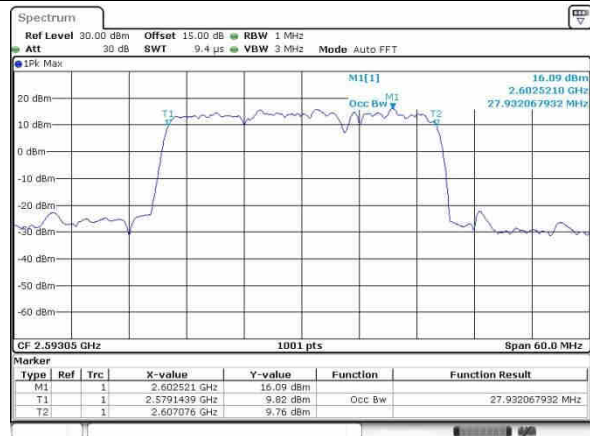
Date: 14.MAY.2019 19:00:13

Middle Channel / 20MHz+5MHz



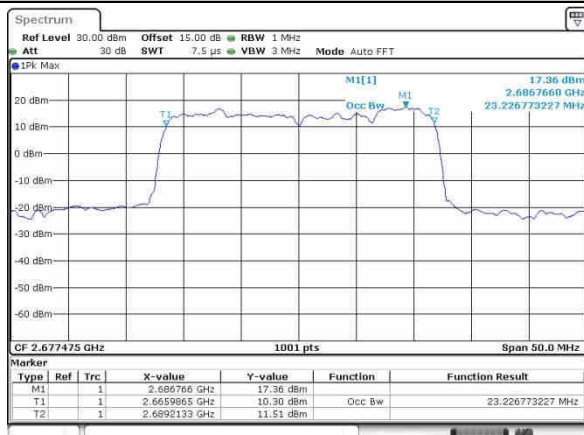
Date: 13.MAY.2019 02:14:33

Middle Channel / 20MHz+10MHz



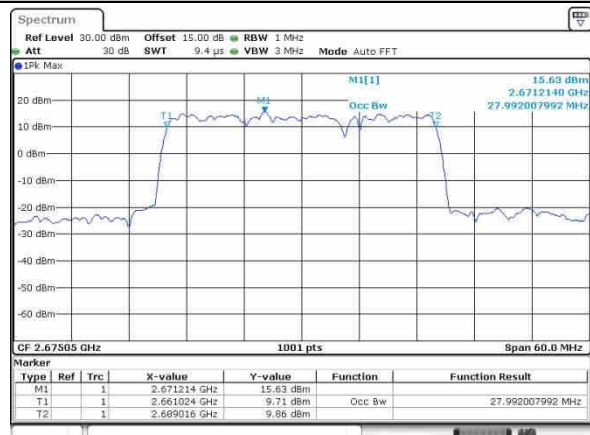
Date: 14.MAY.2019 19:21:37

Highest Channel / 20MHz+5MHz



Date: 13.MAY.2019 02:16:18

Highest Channel / 20MHz+10MHz



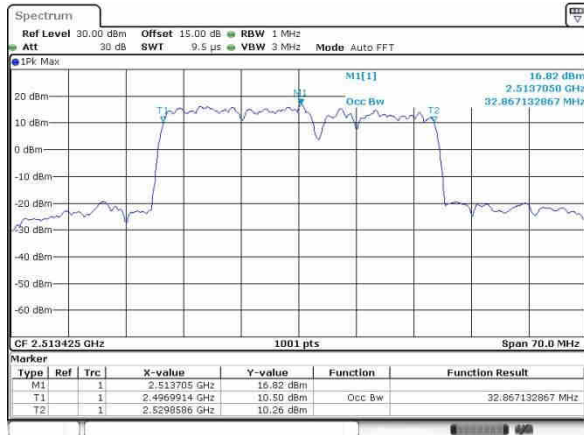
Date: 14.MAY.2019 19:36:01



LTE Band 41

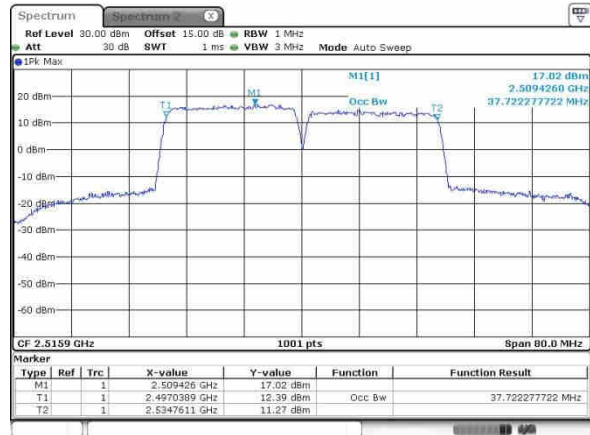
QPSK

Lowest Channel / 20MHz+15MHz



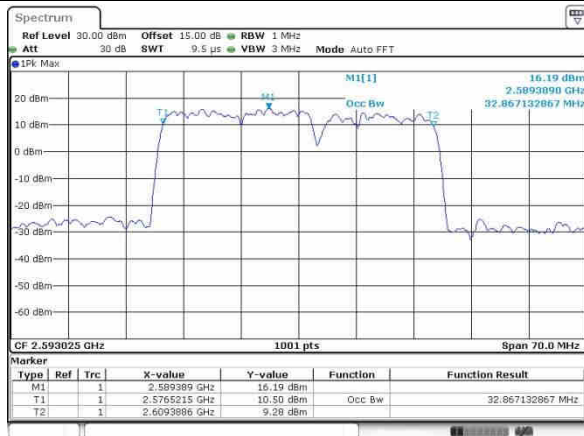
Date: 14.MAY.2019 23:10:57

Lowest Channel / 20MHz+20MHz



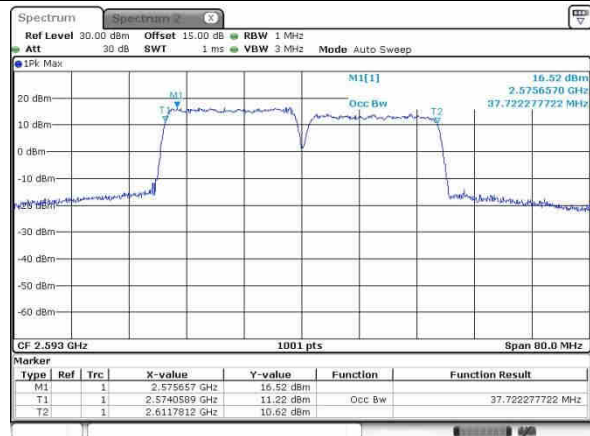
Date: 18 MAY 2019 18:35:27

Middle Channel / 20MHz+15MHz



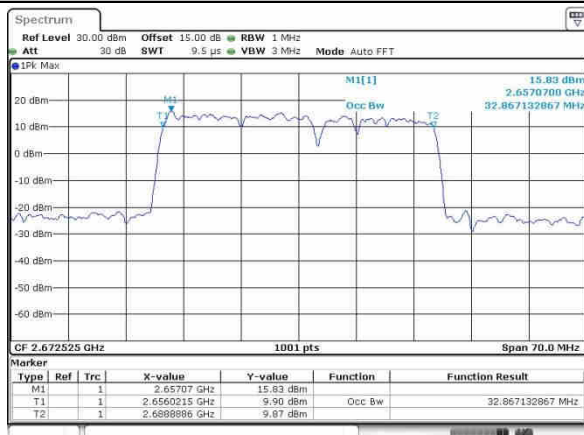
Date: 15.MAY.2019 00:15:13

Middle Channel / 20MHz+20MHz



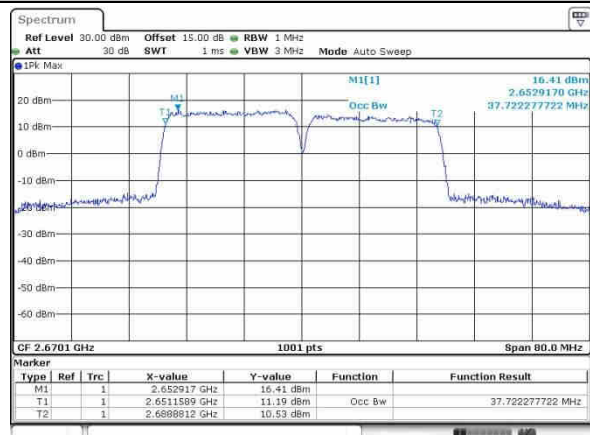
Date: 18 MAY 2019 18:21:34

Highest Channel / 20MHz+15MHz



Date: 15.MAY.2019 00:14:15

Highest Channel / 20MHz+20MHz



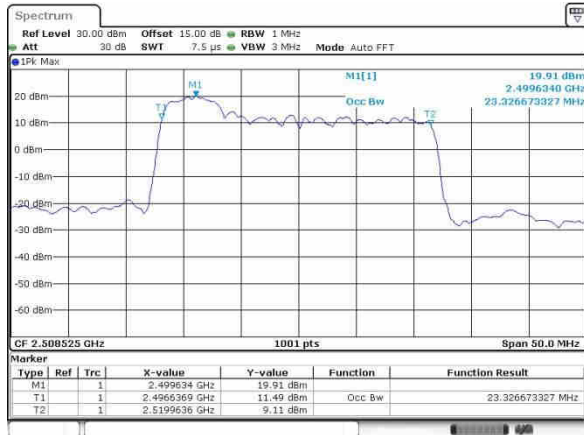
Date: 18 MAY 2019 19:38:38



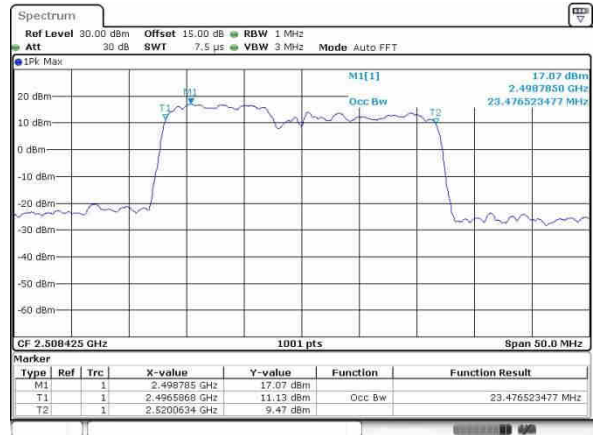
LTE Band 41

16QAM

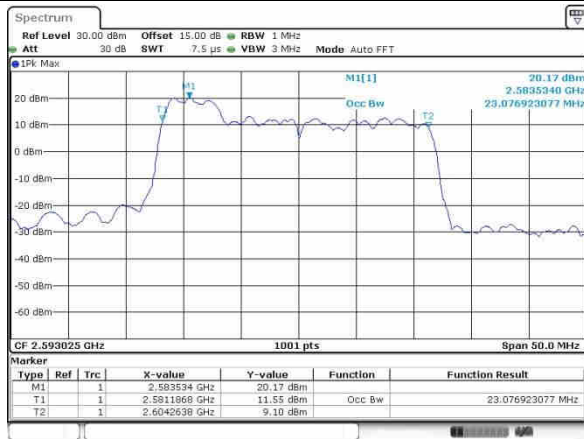
Lowest Channel / 5MHz+20MHz



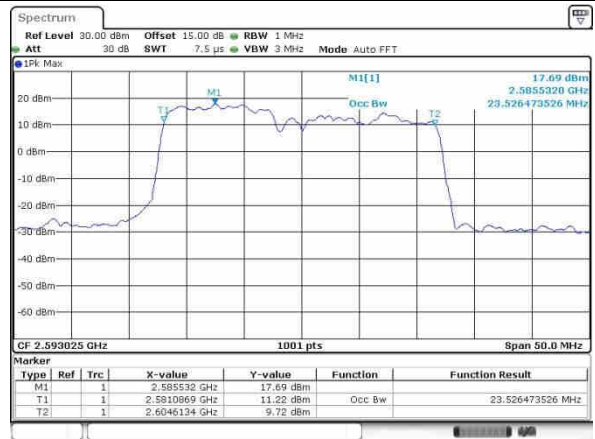
Lowest Channel / 10MHz+15MHz



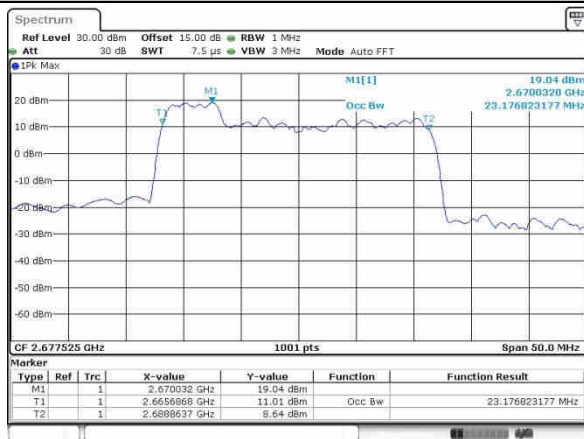
Middle Channel / 5MHz+20MHz



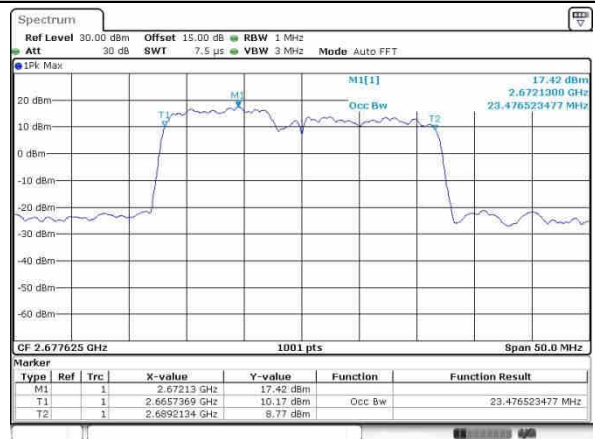
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

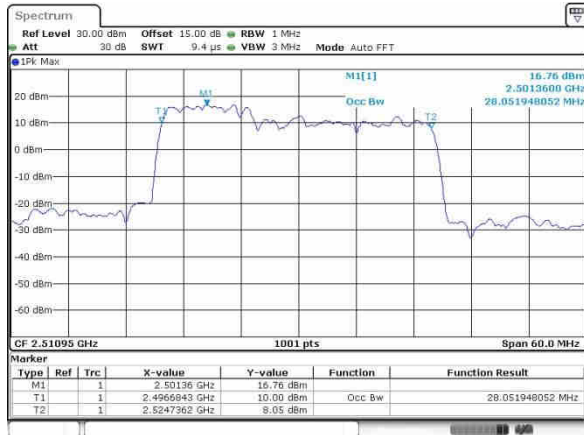




LTE Band 41

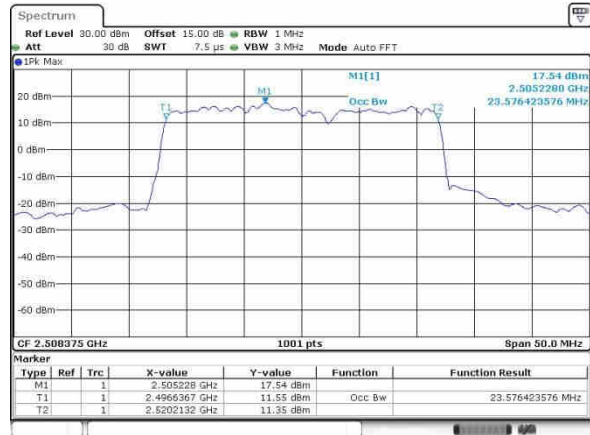
16QAM

Lowest Channel / 10MHz+20MHz



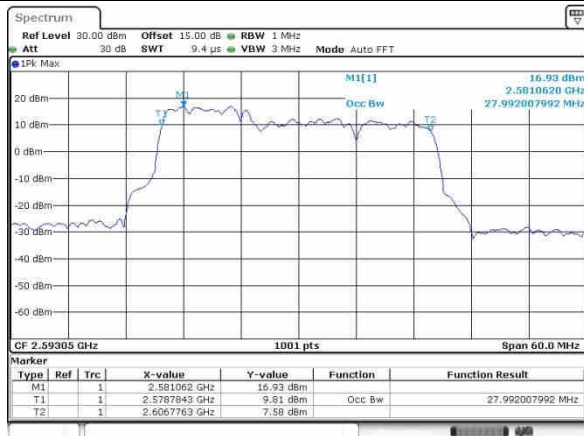
Date: 13.MAY.2019 23:45:51

Lowest Channel / 15MHz+10MHz



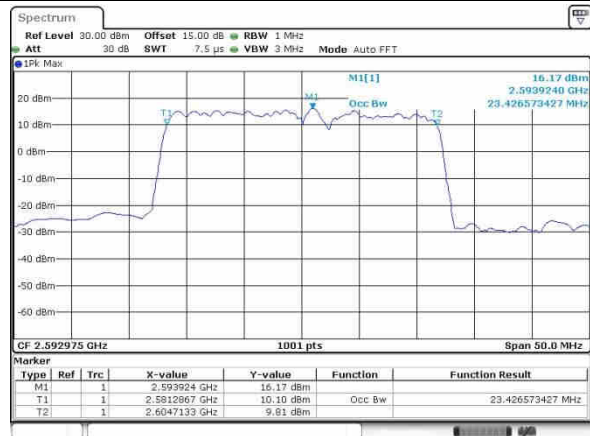
Date: 13.MAY.2019 22:17:54

Middle Channel / 10MHz+20MHz



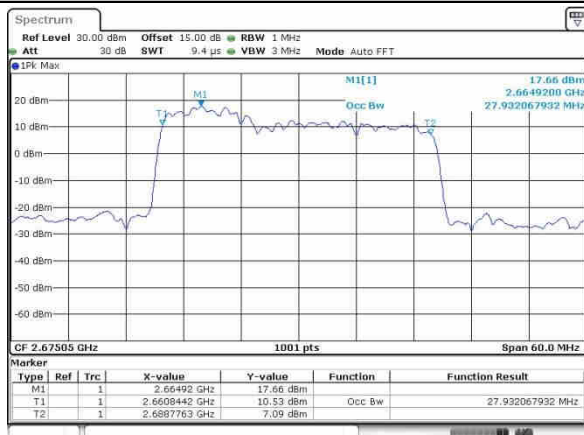
Date: 14.MAY.2019 00:22:07

Middle Channel / 15MHz+10MHz



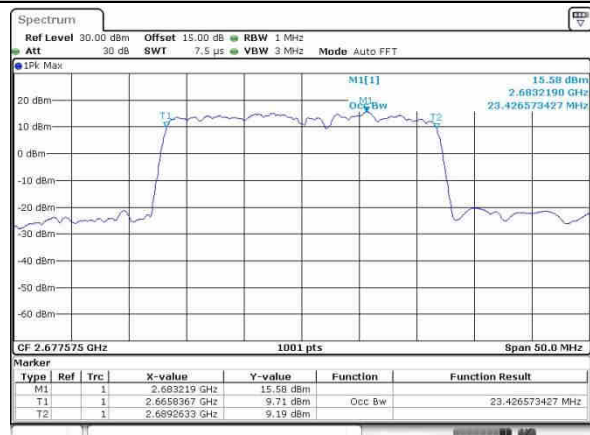
Date: 13.MAY.2019 22:16:31

Highest Channel / 10MHz+20MHz



Date: 14.MAY.2019 00:42:59

Highest Channel / 15MHz+10MHz



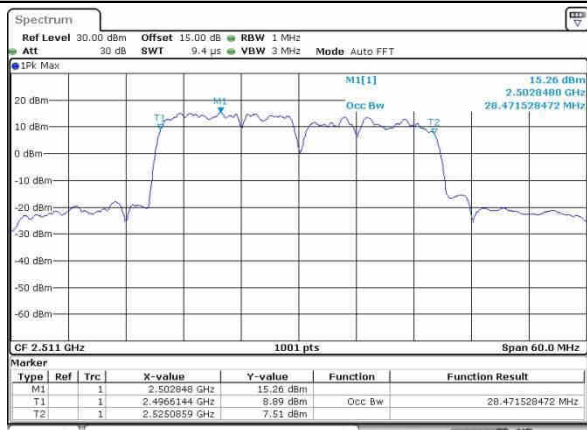
Date: 13.MAY.2019 23:22:22



LTE Band 41

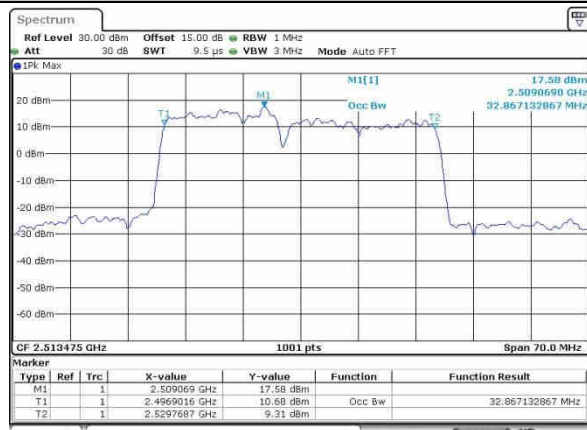
16QAM

Lowest Channel / 15MHz+15MHz



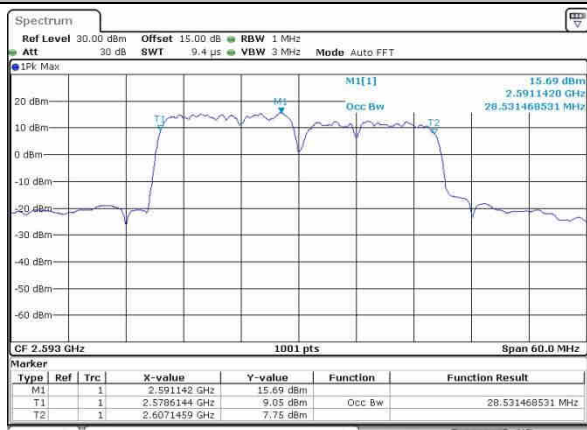
Date: 14.MAY.2019 20:05:29

Lowest Channel / 15MHz+20MHz



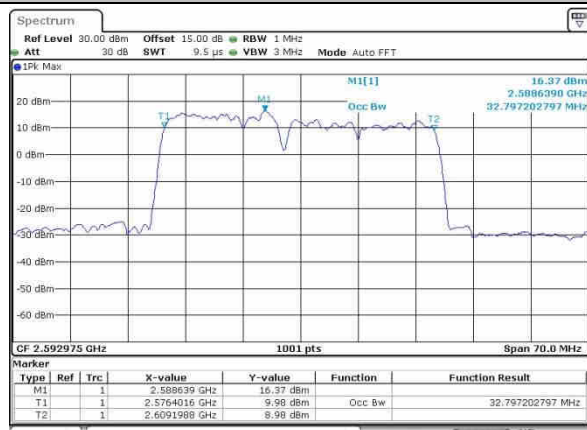
Date: 14.MAY.2019 21:05:50

Middle Channel / 15MHz+15MHz



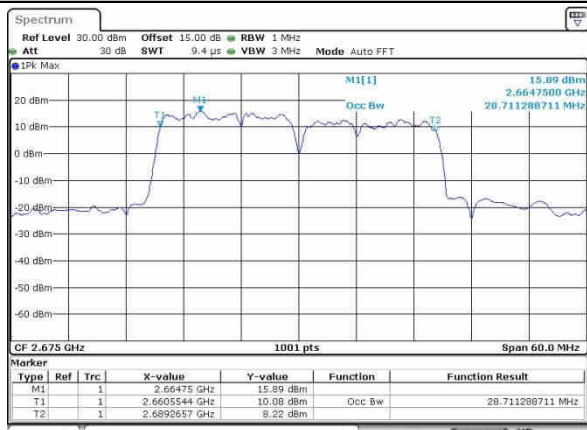
Date: 14.MAY.2019 20:34:47

Middle Channel / 15MHz+20MHz



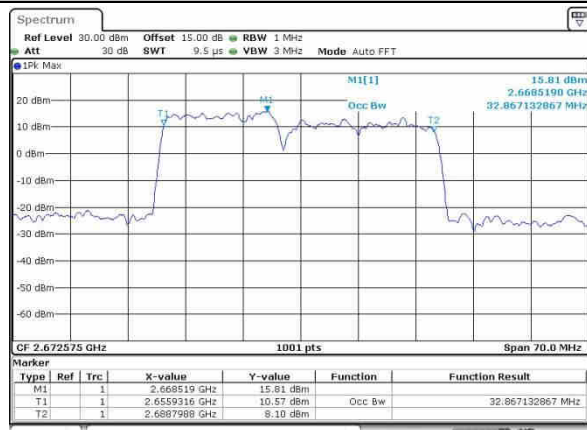
Date: 14.MAY.2019 21:06:37

Highest Channel / 15MHz+15MHz



Date: 14.MAY.2019 20:48:07

Highest Channel / 15MHz+20MHz



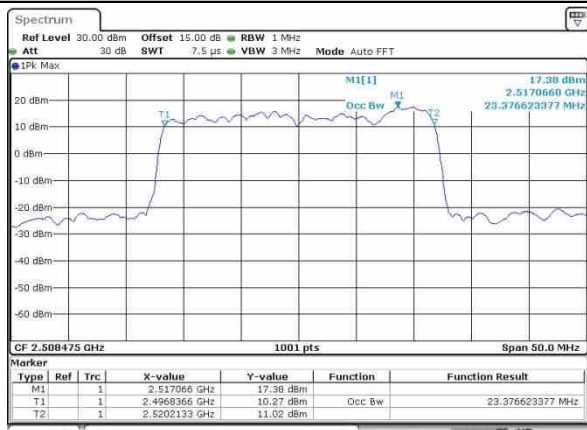
Date: 14.MAY.2019 22:10:05



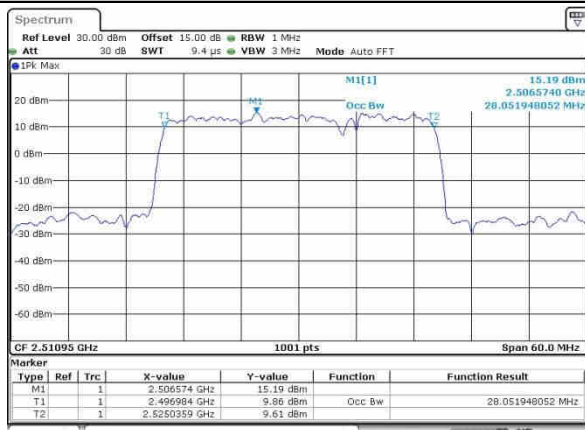
LTE Band 41

16QAM

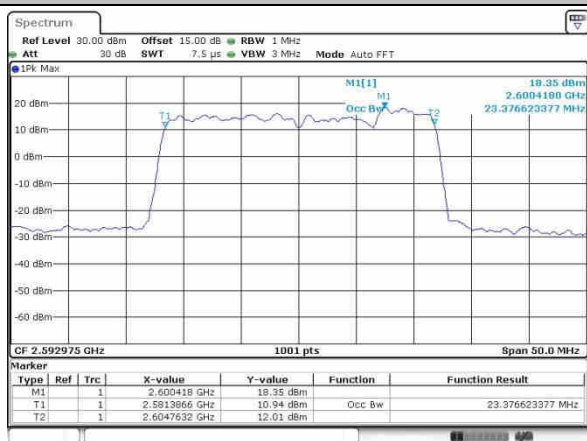
Lowest Channel / 20MHz+5MHz



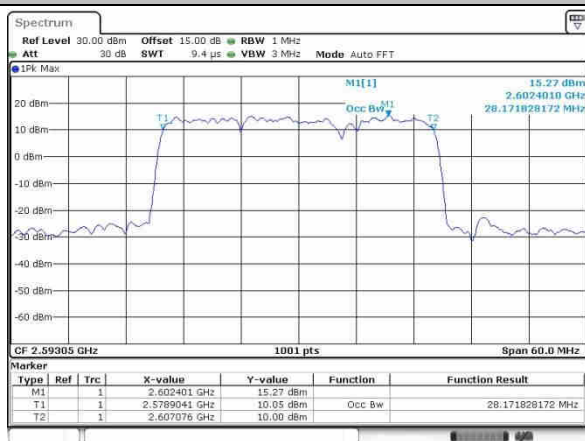
Lowest Channel / 20MHz+10MHz



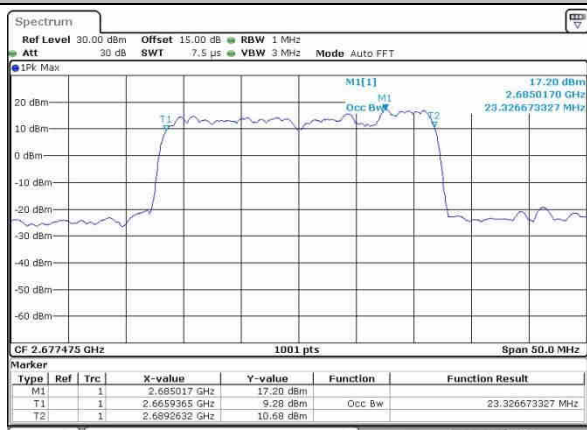
Middle Channel / 20MHz+5MHz



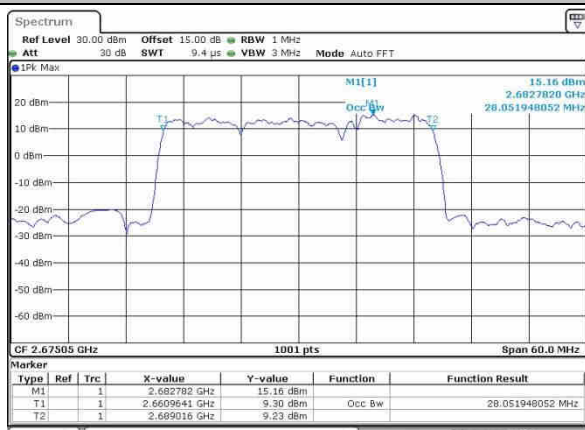
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



Highest Channel / 20MHz+10MHz

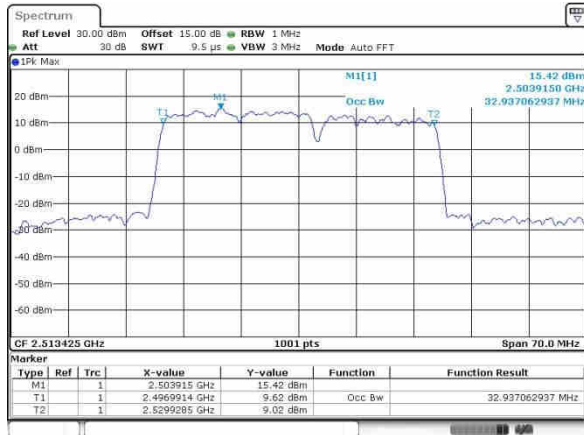




LTE Band 41

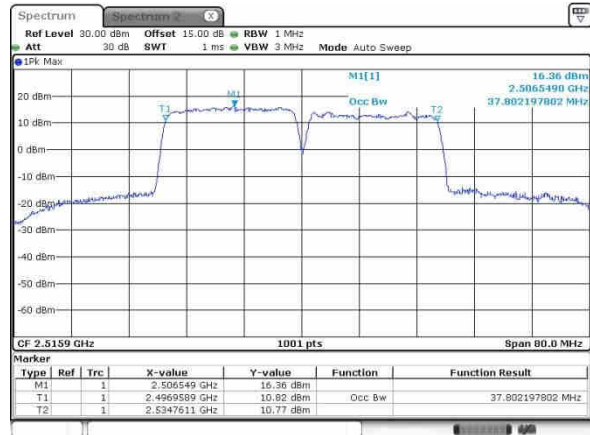
16QAM

Lowest Channel / 20MHz+15MHz



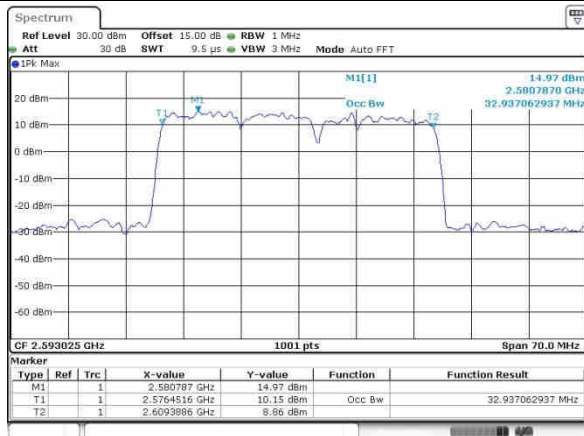
Date: 14.MAY.2019 23:33:05

Lowest Channel / 20MHz+20MHz



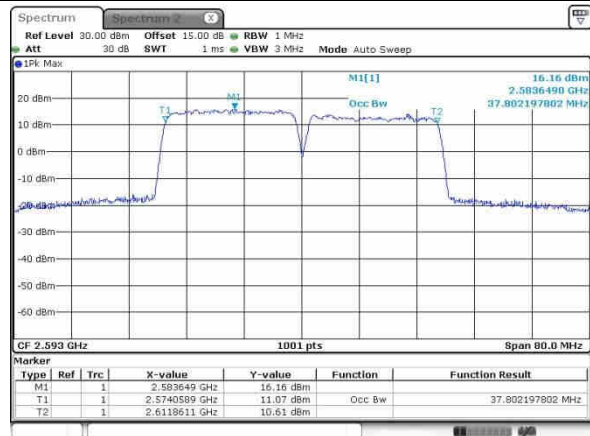
Date: 18 MAY 2019 18:56:01

Middle Channel / 20MHz+15MHz



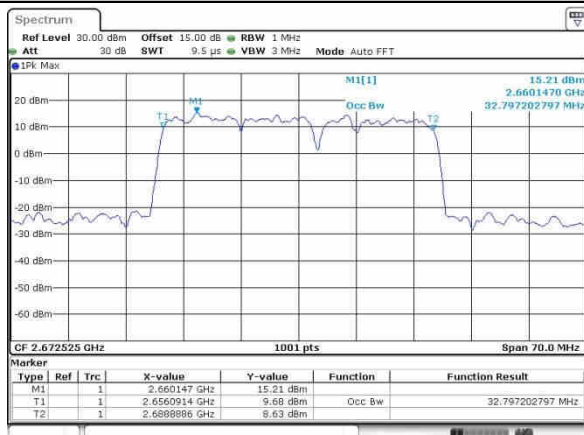
Date: 15.MAY.2019 00:17:44

Middle Channel / 20MHz+20MHz



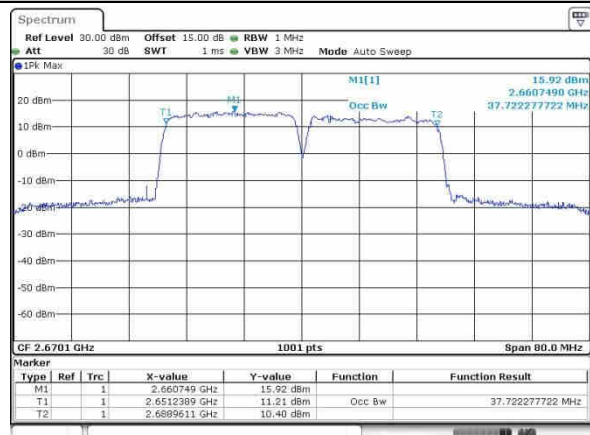
Date: 18 MAY 2019 19:24:17

Highest Channel / 20MHz+15MHz



Date: 15.MAY.2019 00:37:00

Highest Channel / 20MHz+20MHz



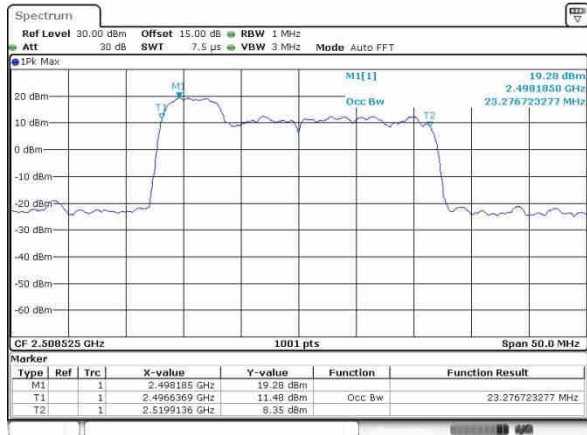
Date: 18 MAY 2019 19:42:00



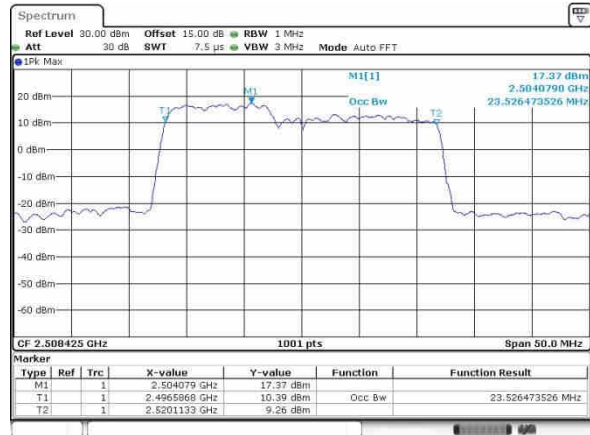
LTE Band 41

64QAM

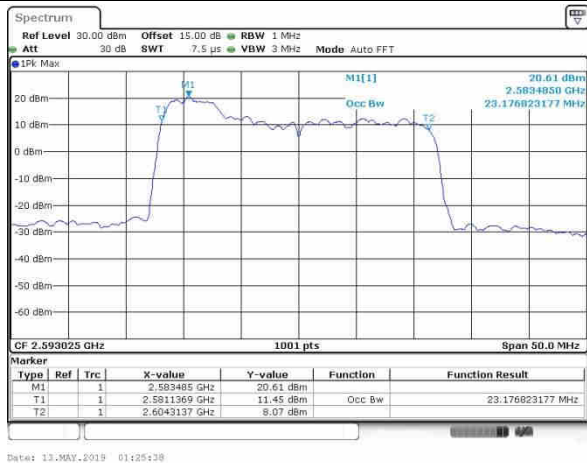
Lowest Channel / 5MHz+20MHz



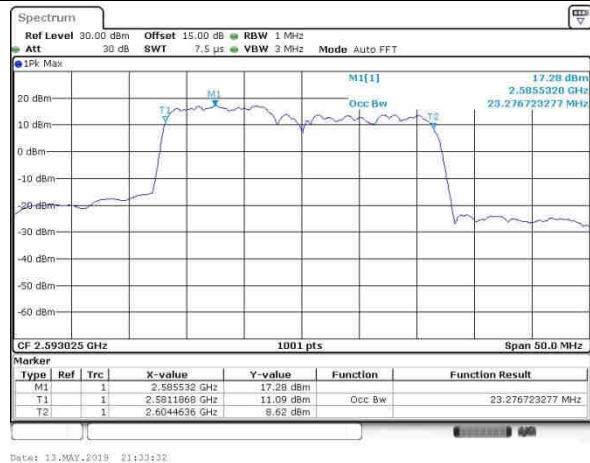
Lowest Channel / 10MHz+15MHz



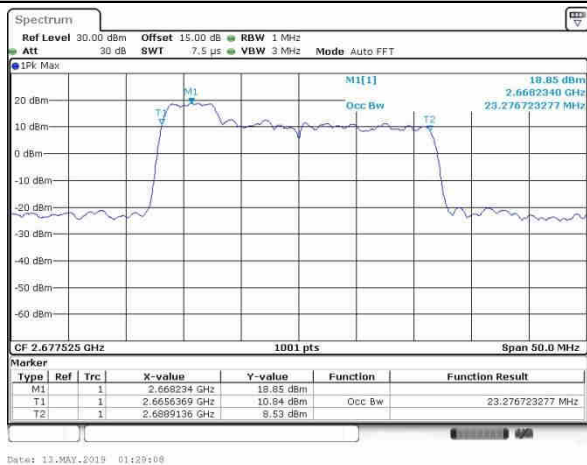
Middle Channel / 5MHz+20MHz



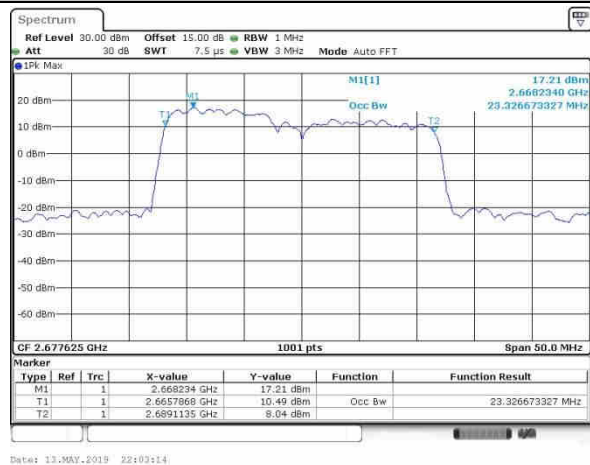
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

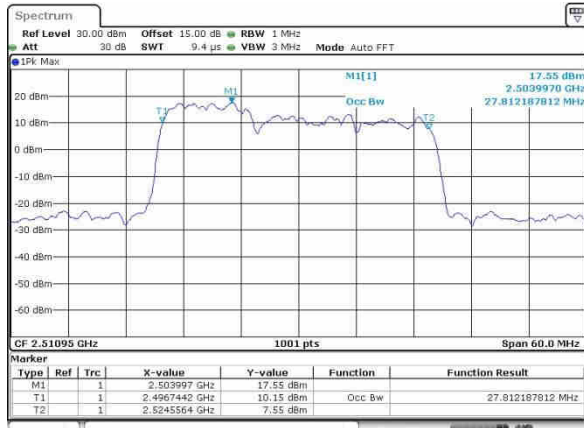




LTE Band 41

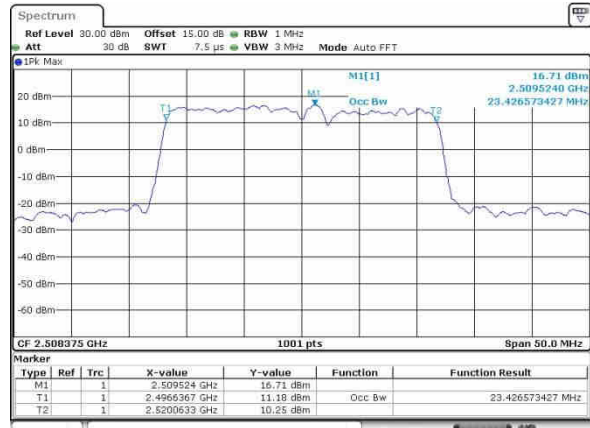
64QAM

Lowest Channel / 10MHz+20MHz



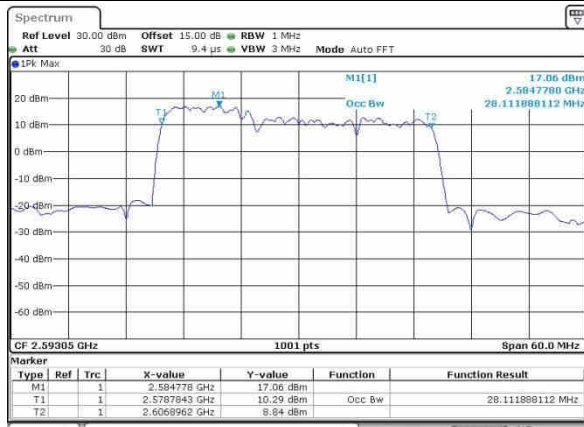
Date: 13.MAY.2019 23:48:04

Lowest Channel / 15MHz+10MHz



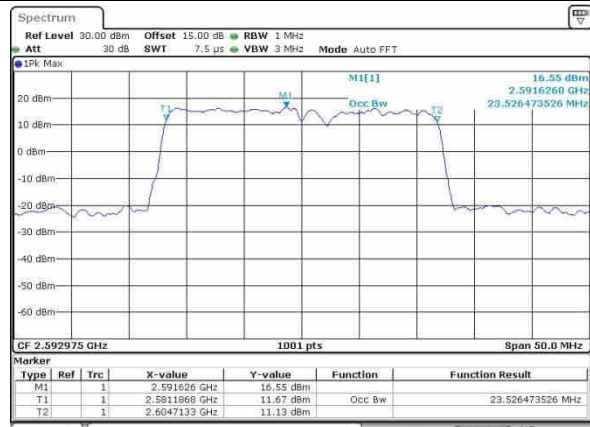
Date: 13.MAY.2019 22:41:02

Middle Channel / 10MHz+20MHz



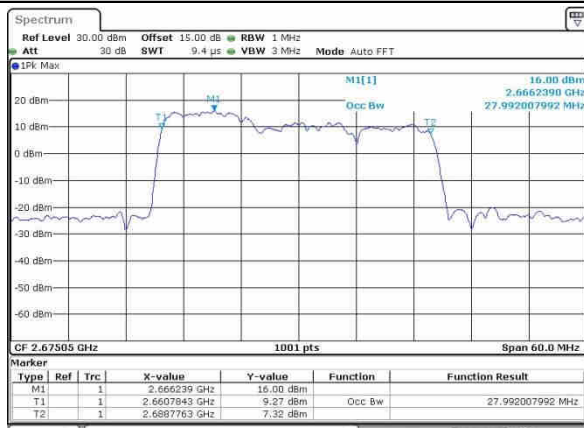
Date: 14.MAY.2019 00:23:43

Middle Channel / 15MHz+10MHz



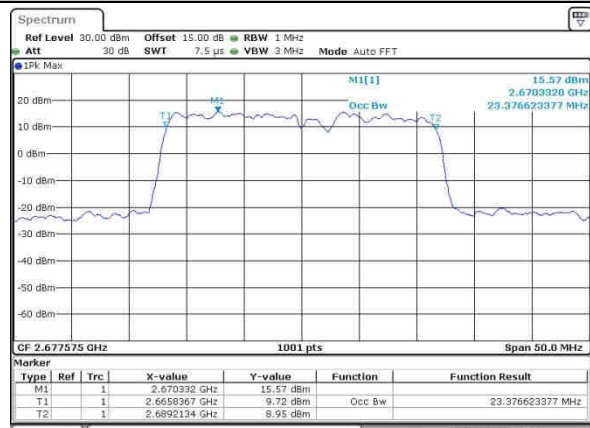
Date: 13.MAY.2019 22:50:51

Highest Channel / 10MHz+20MHz



Date: 14.MAY.2019 00:45:42

Highest Channel / 15MHz+10MHz



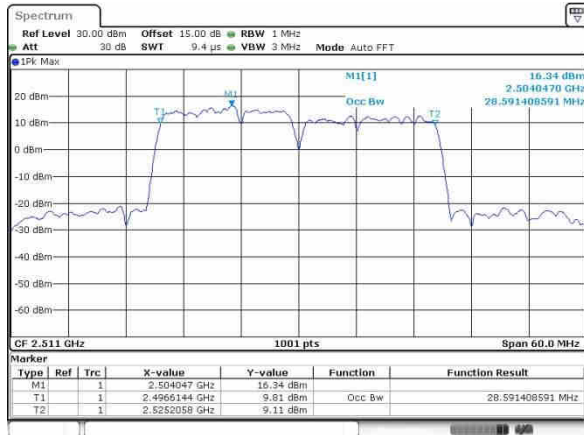
Date: 13.MAY.2019 23:24:12



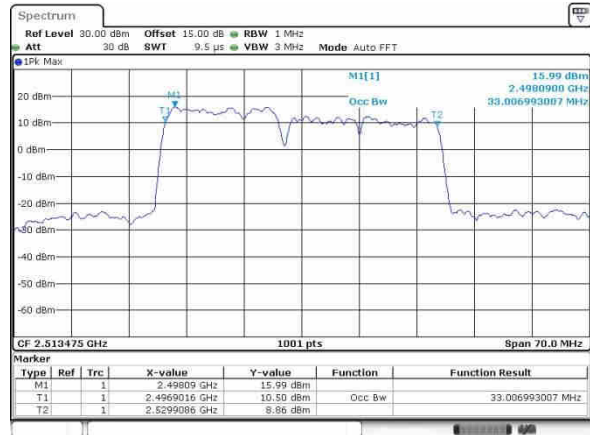
LTE Band 41

64QAM

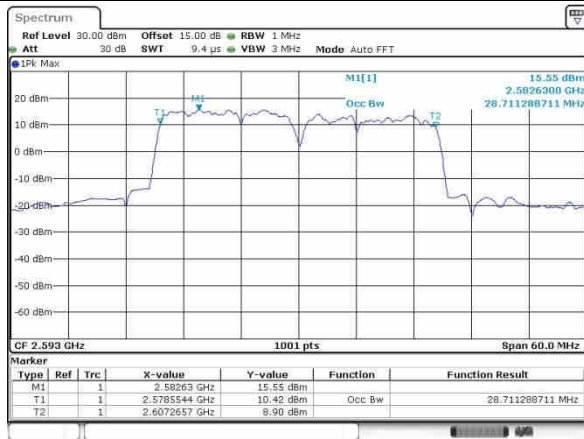
Lowest Channel / 15MHz+15MHz



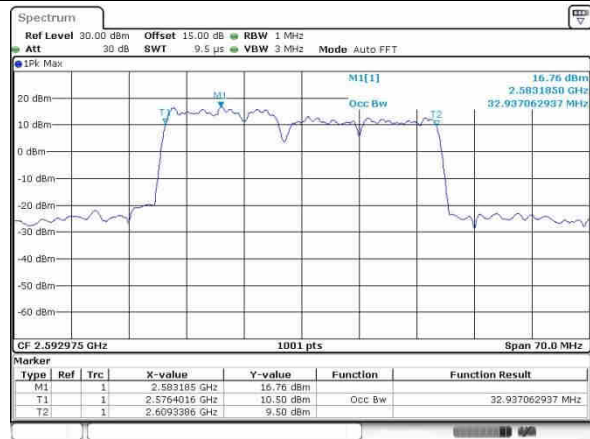
Lowest Channel / 15MHz+20MHz



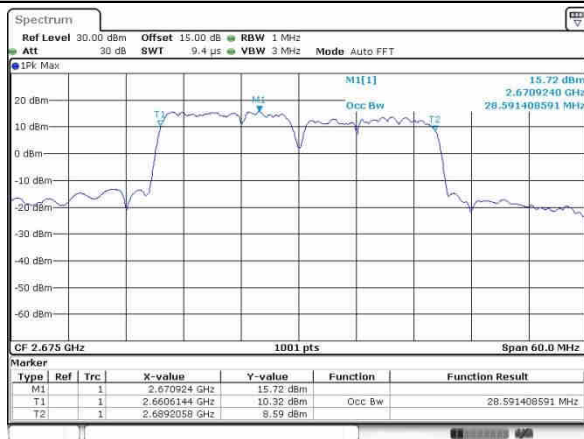
Middle Channel / 15MHz+15MHz



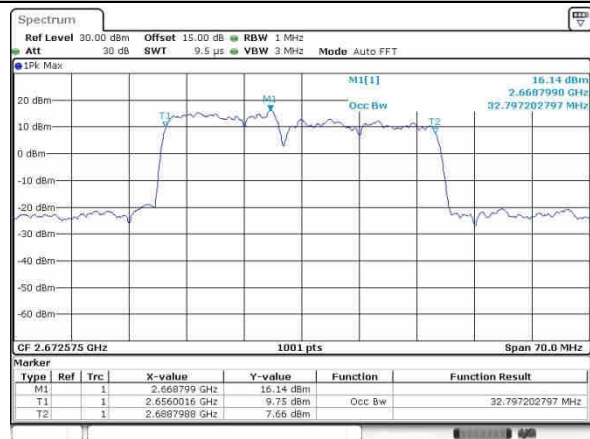
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 15MHz+20MHz

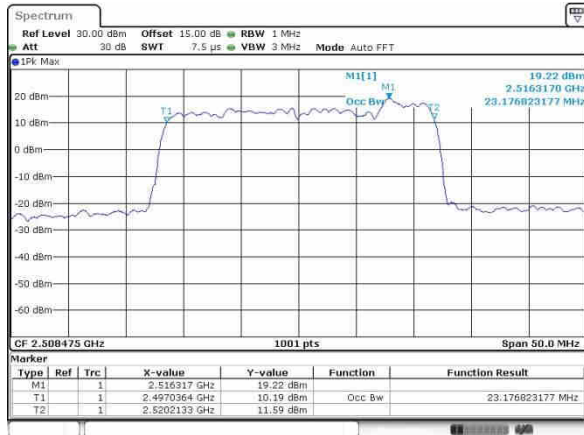




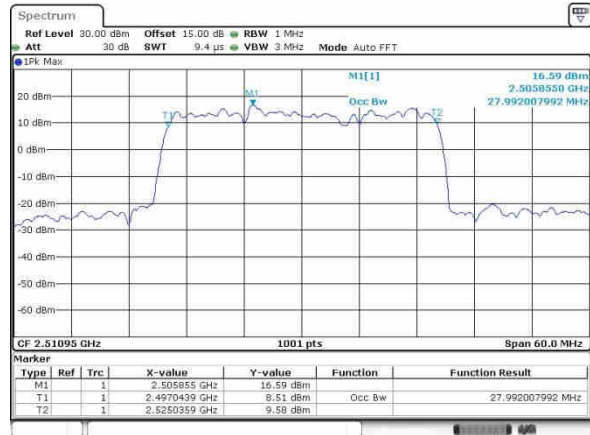
LTE Band 41

64QAM

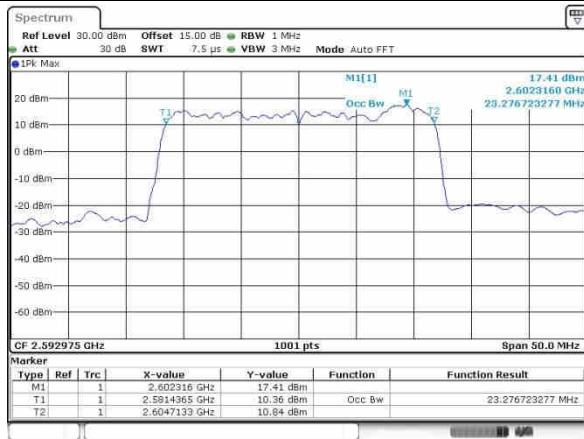
Lowest Channel / 20MHz+5MHz



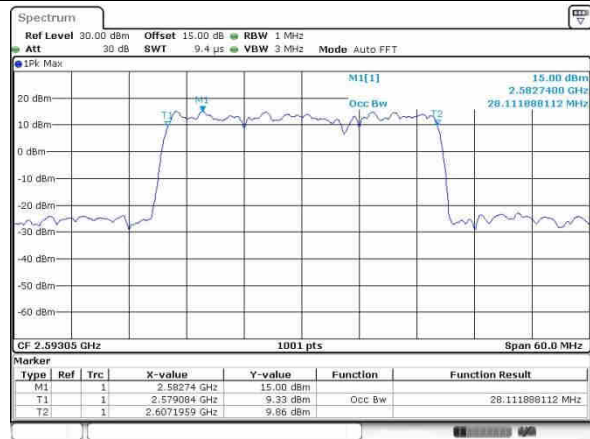
Lowest Channel / 20MHz+10MHz



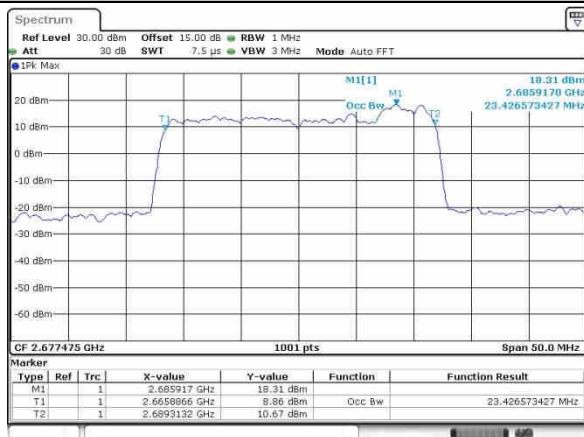
Middle Channel / 20MHz+5MHz



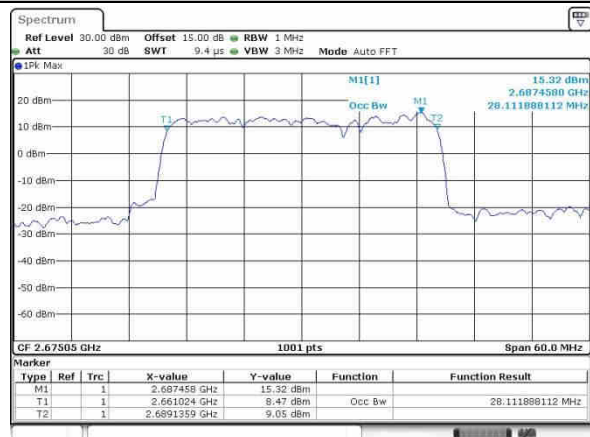
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



Highest Channel / 20MHz+10MHz

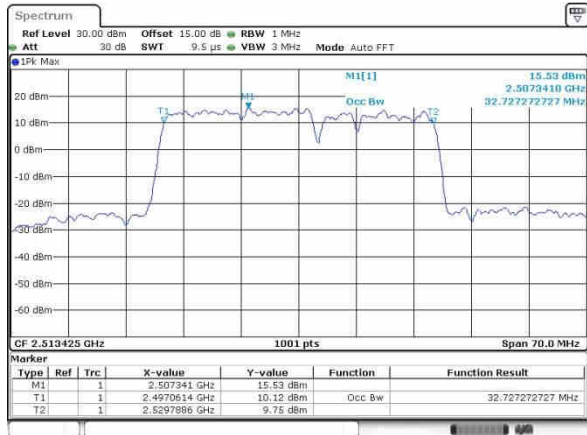




LTE Band 41

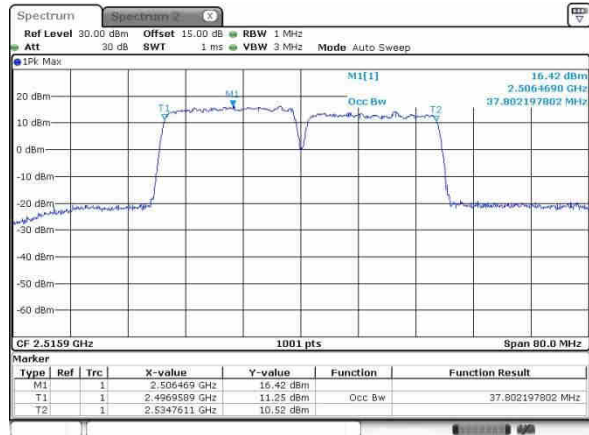
64QAM

Lowest Channel / 20MHz+15MHz



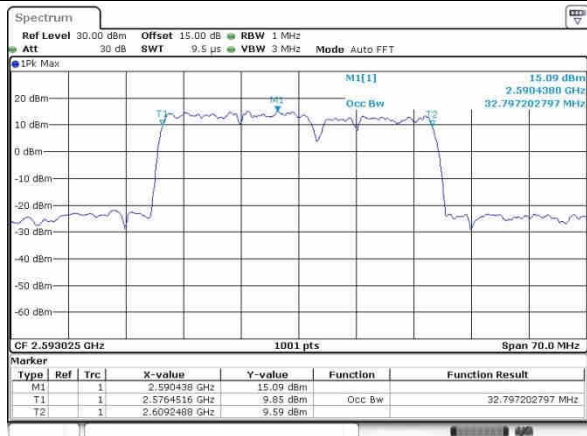
Date: 14.MAY.2019 23:55:18

Lowest Channel / 20MHz+20MHz



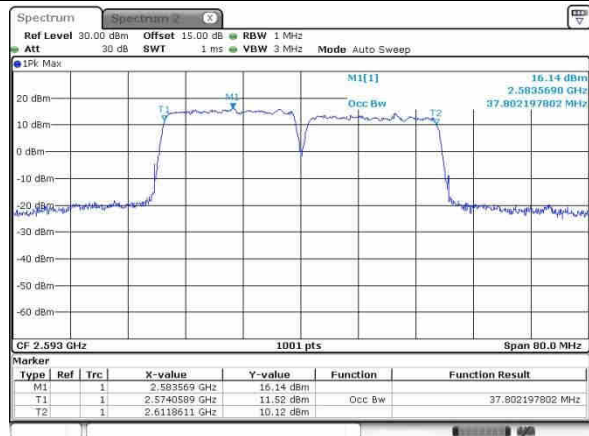
Date: 18 MAY 2019 18:58:55

Middle Channel / 20MHz+15MHz



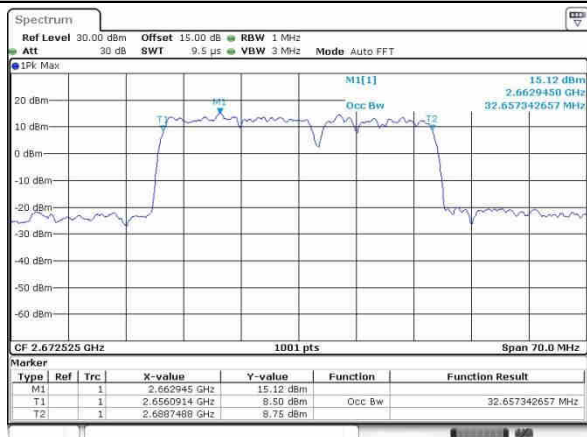
Date: 15.MAY.2019 00:19:31

Middle Channel / 20MHz+20MHz



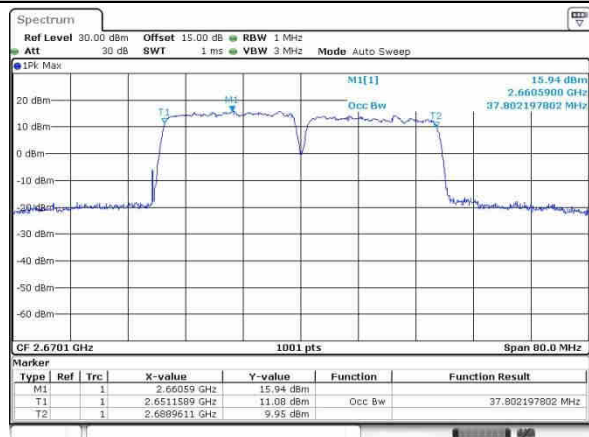
Date: 18 MAY 2019 18:28:10

Highest Channel / 20MHz+15MHz



Date: 15.MAY.2019 00:19:12

Highest Channel / 20MHz+20MHz



Date: 18 MAY 2019 19:45:10

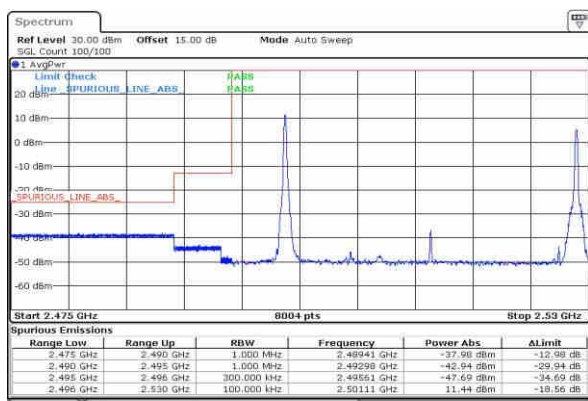


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

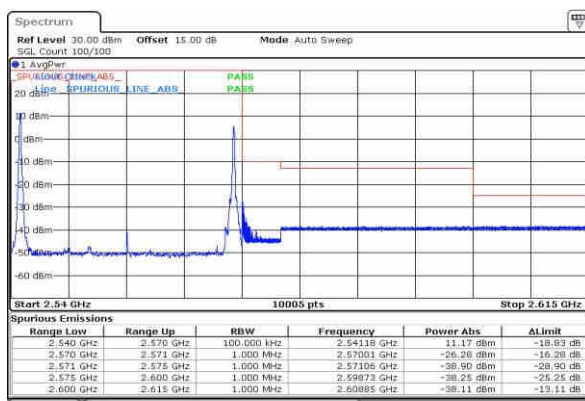
QPSK

Lowest Band Edge / 1RB0 and 1RB99



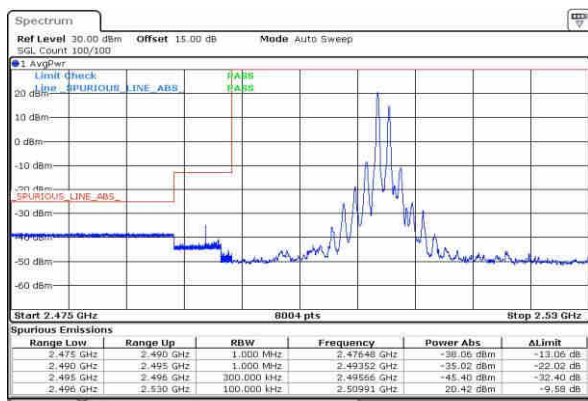
Date: 11.MAY.2019 11:35:13

Highest Band Edge / 1RB0 and 1RB99



Date: 11.MAY.2019 15:49:47

Lowest Band Edge / 1RB49 and 1RB0



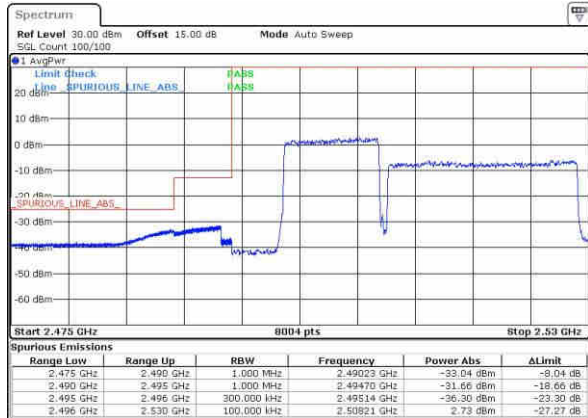
Date: 11.MAY.2019 11:46:41

Highest Band Edge / 1RB49 and 1RB0



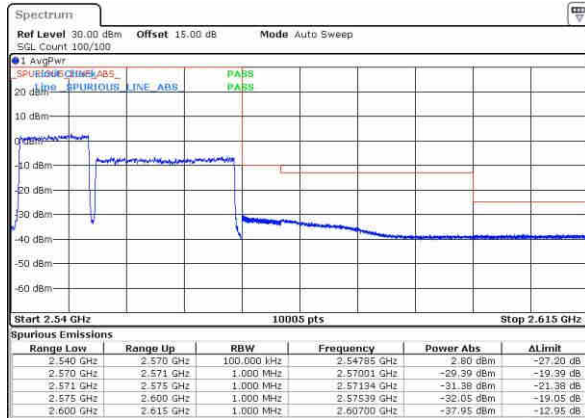
Date: 11.MAY.2019 15:44:44

Lowest Band Edge / Full RB



Date: 11.MAY.2019 11:23:01

Highest Band Edge / Full RB



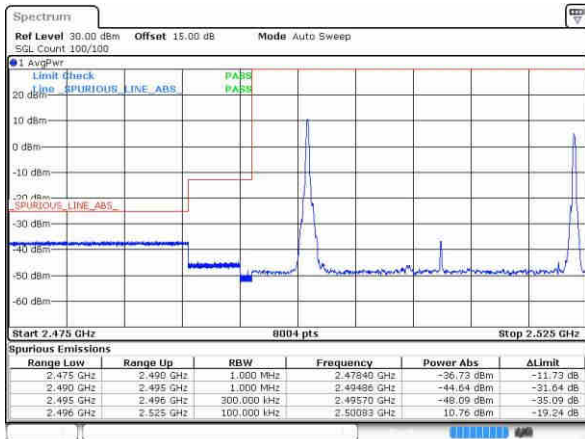
Date: 11.MAY.2019 13:05:36



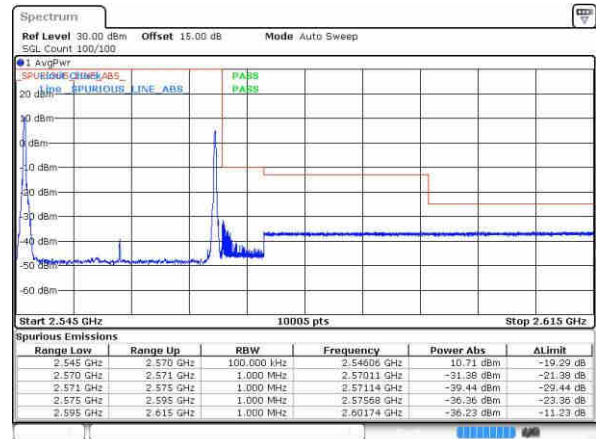
LTE Band 7 / 15MHz+10MHz

QPSK

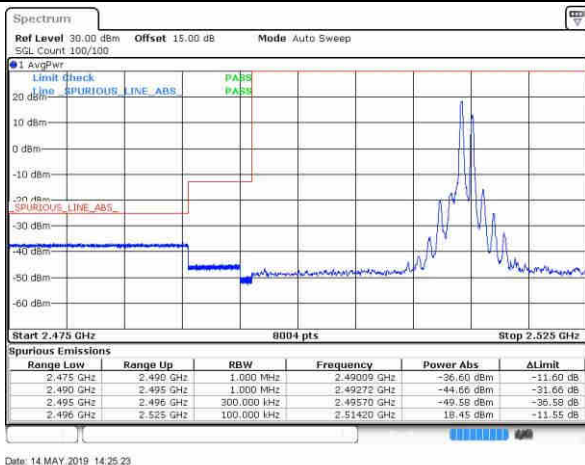
Lowest Band Edge / 1RB0 and 1RB49



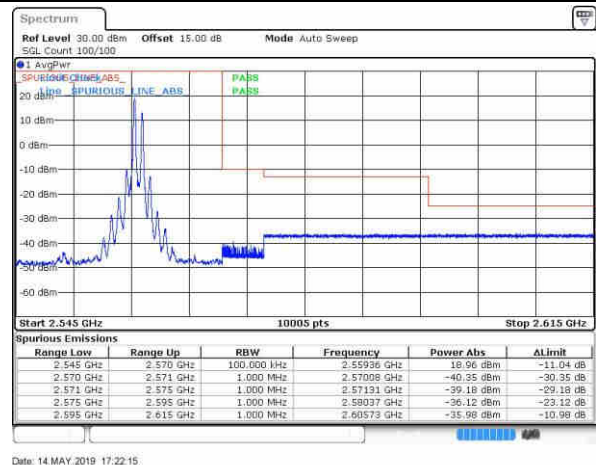
Highest Band Edge / 1RB0 and 1RB49



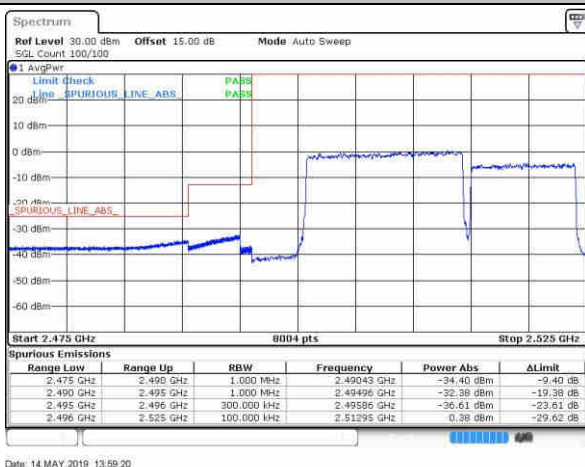
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

